

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
 Data File : BF084667.D
 Acq On : 30 Jan 2016 6:32
 Operator : SJ/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 2/1/2016 2:25:26 PM

Quant Time: Feb 01 00:51:54 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:54:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	169899	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	659526	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	313391	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	572757	20.00	ng	0.00
75) Chrysene-d12	13.87	240	391058	20.00	ng	0.00
86) Perylene-d12	15.25	264	317944	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.31	112	821699	73.00	ng	0.00
7) Phenol-d6	6.37	99	1056932	78.35	ng	0.00
23) Nitrobenzene-d5	7.30	82	982296	83.24	ng	0.00
41) 2,4,6-Tribromophenol	10.56	330	264366	80.49	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1638451	77.71	ng	0.00
78) Terphenyl-d14	12.83	244	1571338	90.75	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.22	88	186260	35.49	ng	# 74
3) Pyridine	2.90	79	517401	37.00	ng	# 73
4) n-Nitrosodimethylamine	2.85	42	236943	34.66	ng	# 82
6) Aniline	6.38	93	639883	36.95	ng	# 55
8) 2-Chlorophenol	6.51	128	500794	40.11	ng	# 97
9) Benzaldehyde	6.27	77	313342	40.11	ng	# 95
10) Phenol	6.38	94	610881	40.63	ng	# 76
11) bis(2-Chloroethyl)ether	6.46	93	431213m	36.88	ng	
12) 1,3-Dichlorobenzene	6.66	146	488469m	36.52	ng	
13) 1,4-Dichlorobenzene	6.74	146	489237	37.27	ng	97
14) 1,2-Dichlorobenzene	6.90	146	484832	40.11	ng	96
15) Benzyl Alcohol	6.88	79	359280	39.13	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.01	45	743783	37.16	ng	86
17) 2-Methylphenol	6.99	107	369806	38.21	ng	95
18) Hexachloroethane	7.24	117	199848	38.92	ng	# 84
19) n-Nitroso-di-n-propylamine	7.15	70	322344	39.12	ng	# 78
20) 3+4-Methylphenols	7.15	107	437323	37.24	ng	# 76
22) Acetophenone	7.14	105	657017	38.14	ng	# 97
24) Nitrobenzene	7.31	77	450962	35.95	ng	95
25) Isophorone	7.56	82	903349	40.86	ng	95
26) 2-Nitrophenol	7.63	139	255306	42.80	ng	# 87
27) 2,4-Dimethylphenol	7.68	122	384097	36.75	ng	95
28) bis(2-Chloroethoxy)methane	7.77	93	497396	37.48	ng	99
29) 2,4-Dichlorophenol	7.88	162	370002	40.47	ng	93
30) 1,2,4-Trichlorobenzene	7.95	180	407736	39.00	ng	97
31) Naphthalene	8.03	128	1221879	36.70	ng	99
32) Benzoic acid	7.81	122	314193	39.16	ng	92
33) 4-Chloroaniline	8.09	127	530728	39.20	ng	98
34) Hexachlorobutadiene	8.16	225	243904	39.48	ng	98
35) Caprolactam	8.46	113	106267	40.51	ng	# 42
36) 4-Chloro-3-methylphenol	8.58	107	437015	43.42	ng	96
37) 2-Methylnaphthalene	8.73	142	886299	43.37	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	362503	35.67	ng	99
40) Hexachlorocyclopentadiene	8.88	237	175935	38.07	ng	97

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	249569	39.53	nq	92
43) 2,4,5-Trichlorophenol	9.05	196	262629	40.29	nq #	88
45) 1,1'-Biphenyl	9.20	154	1108199	38.58	nq	94
46) 2-Chloronaphthalene	9.21	162	790718	37.73	nq	98
47) 2-Nitroaniline	9.31	65	236336	37.55	nq	97
48) Acenaphthylene	9.63	152	1239593	39.04	nq	99
49) Dimethylphthalate	9.49	163	900096	38.27	nq #	90
50) 2,6-Dinitrotoluene	9.56	165	207808	40.15	nq	89
51) Acenaphthene	9.80	154	852596	40.10	nq	97
52) 3-Nitroaniline	9.72	138	208336	38.53	nq	96
53) 2,4-Dinitrophenol	9.84	184	96725	37.88	nq #	76
54) Dibenzofuran	9.97	168	991459	39.07	nq	96
55) 4-Nitrophenol	9.89	139	153404	38.62	nq #	80
56) 2,4-Dinitrotoluene	9.96	165	293054	43.59	nq	90
57) Fluorene	10.30	166	802593	37.31	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	202332	41.05	nq	93
59) Diethylphthalate	10.19	149	904975	39.30	nq	98
60) 4-Chlorophenyl-phenylether	10.30	204	396200	41.03	nq	97
61) 4-Nitroaniline	10.34	138	244708	47.81	nq	90
62) Azobenzene	10.46	77	936225	42.48	nq	93
64) 4,6-Dinitro-2-methylphenol	10.36	198	151330	40.45	nq #	66
65) n-Nitrosodiphenylamine	10.43	169	742534	39.98	nq	98
66) 4-Bromophenyl-phenylether	10.80	248	273425	42.39	nq	99
67) Hexachlorobenzene	10.85	284	269456	38.40	nq #	90
68) Atrazine	10.96	200	223789	40.22	nq	98
69) Pentachlorophenol	11.05	266	140766	41.53	nq	97
70) Phenanthrene	11.26	178	1178852	37.22	nq	98
71) Anthracene	11.32	178	1326839	41.21	nq	100
72) Carbazole	11.47	167	1068038	38.49	nq	99
73) Di-n-butylphthalate	11.81	149	1344635	39.84	nq #	96
74) Fluoranthene	12.45	202	1281681	40.93	nq	93
76) Benzidine	12.58	184	429395	28.87	nq	98
77) Pyrene	12.67	202	1230826	41.73	nq	99
79) Butylbenzylphthalate	13.31	149	544501	43.21	nq #	81
80) Benzo(a)anthracene	13.86	228	940419	38.58	nq	99
81) 3,3'-Dichlorobenzidine	13.83	252	331864	38.69	nq #	93
82) Chrysene	13.89	228	919445	38.27	nq	99
83) Bis(2-ethylhexyl)phthalate	13.87	149	718133	43.94	nq #	96
84) Di-n-octyl phthalate	14.48	149	1061112	41.09	nq #	89
85) Indeno(1,2,3-cd)pyrene	16.57	276	797657	37.55	nq	99
87) Benzo(b)fluoranthene	14.87	252	961208m	46.69	nq	
88) Benzo(k)fluoranthene	14.90	252	575126m	33.82	nq	
89) Benzo(a)pyrene	15.20	252	709394	39.83	nq #	96
90) Dibenzo(a,h)anthracene	16.58	278	669170	41.69	nq #	95
91) Benzo(g,h,i)perylene	16.96	276	698336	43.10	nq	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

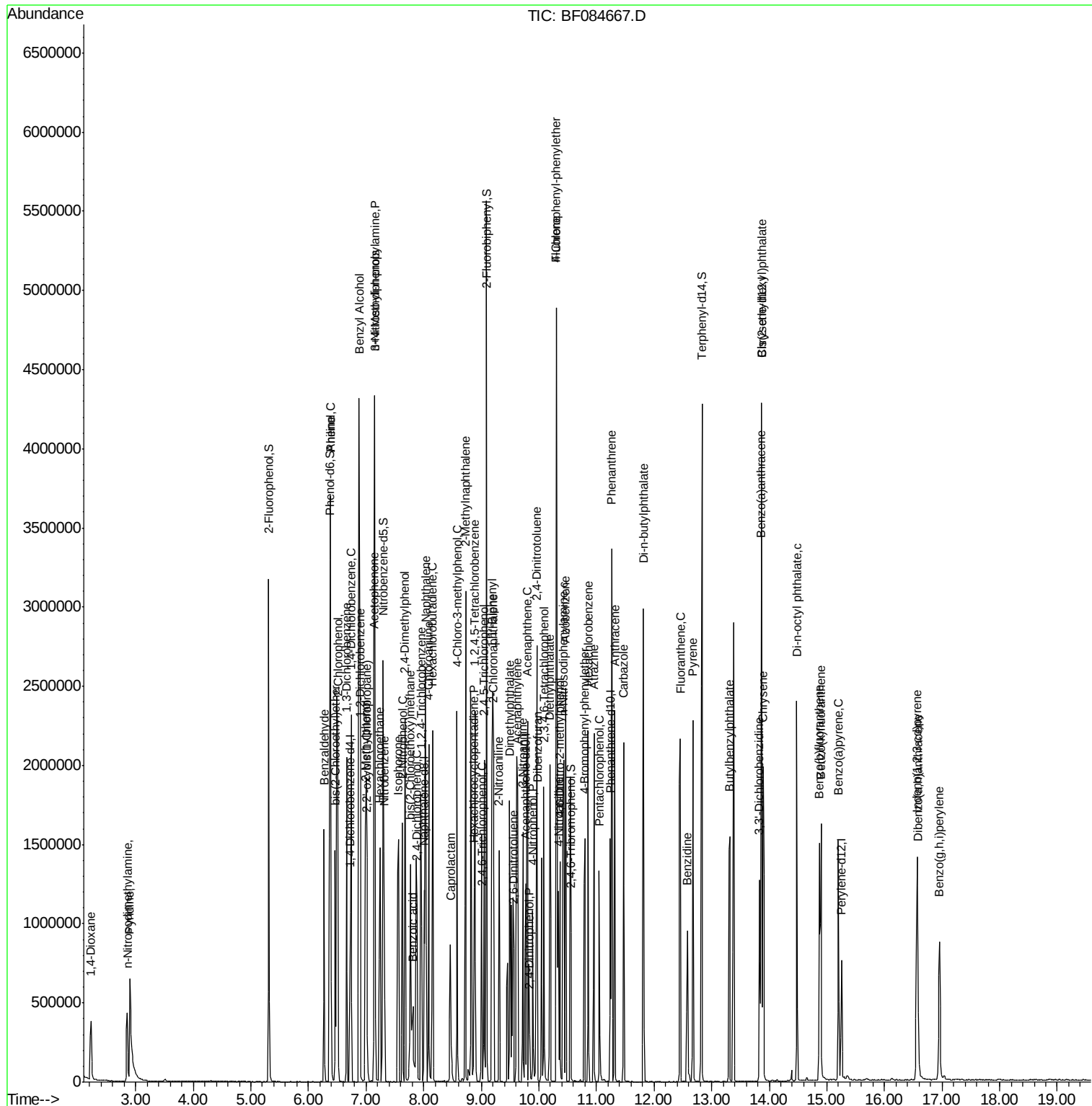
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\  
Data File : BF084667.D  
Acq On    : 30 Jan 2016    6:32  
Operator  : SJ/IZ  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 5    Sample Multiplier: 1
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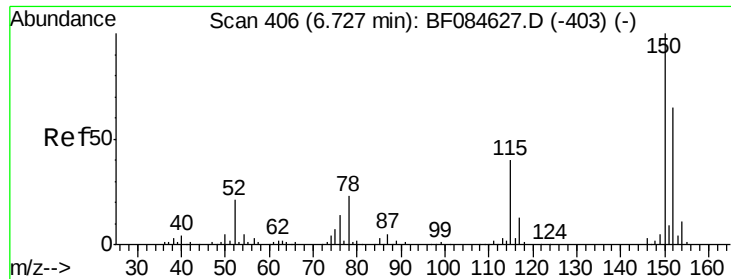
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 12:54:53 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF084667.D

Acq: 30 Jan 2016 6:32

Instrument :

BNA_F

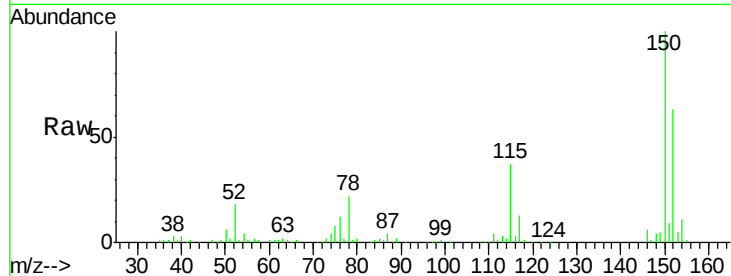
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SSTDCCC040

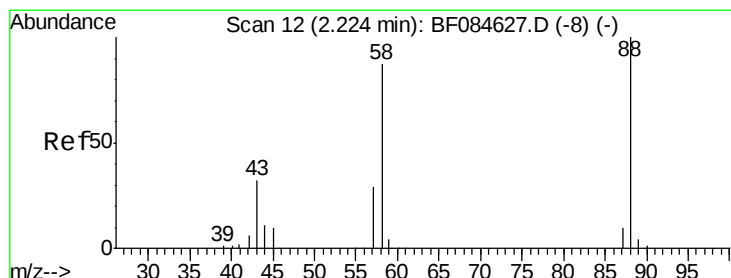
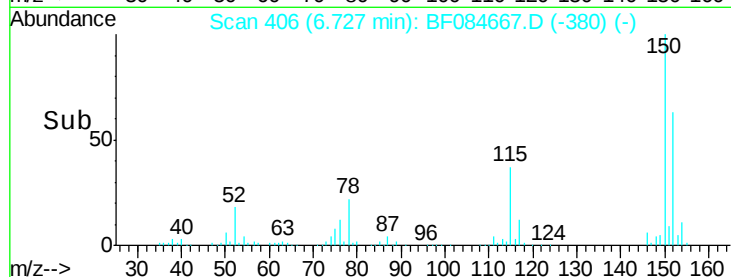
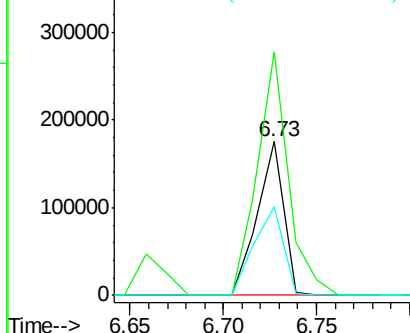
Tot Ion:	152	Resp:	169899
Ion Ratio	Lower	Upper	
152	100		
150	158.6	123.0	184.4
115	57.9	51.4	77.2

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.49 ng

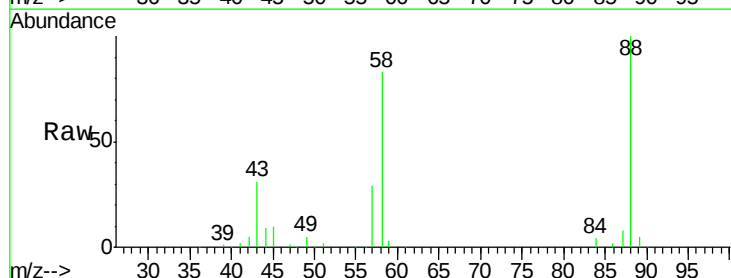
RT: 2.22 min Scan# 12

Delta R.T. -0.00 min

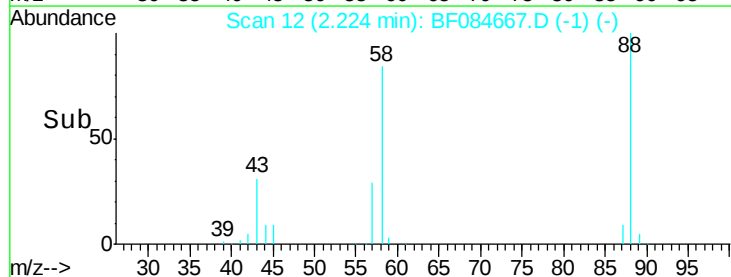
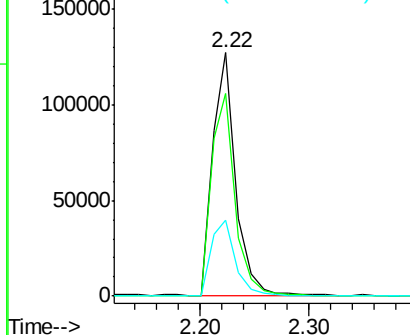
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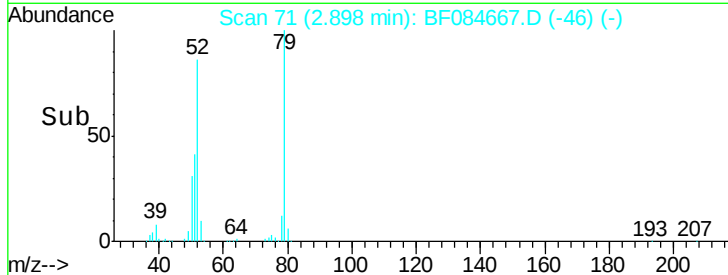
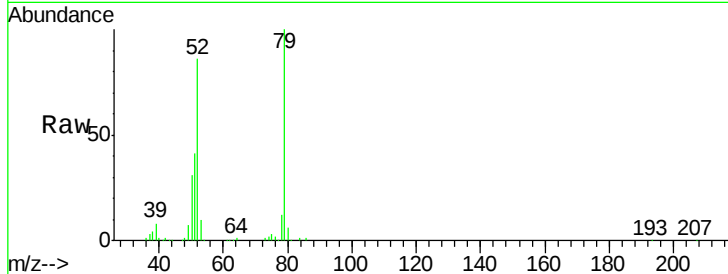
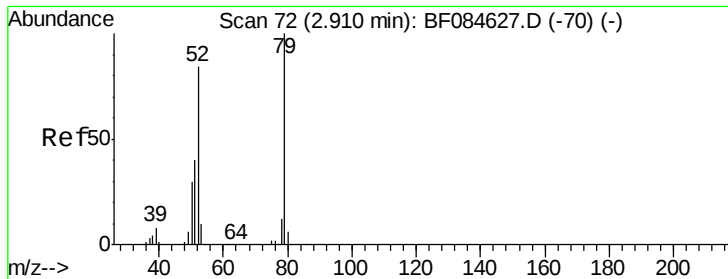
Acq: 30 Jan 2016 6:32

Tgt Ion:	88	Resp:	186260
Ion Ratio	Lower	Upper	
88	100		
58	86.2	51.2	76.8#
43	33.5	19.5	29.3#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





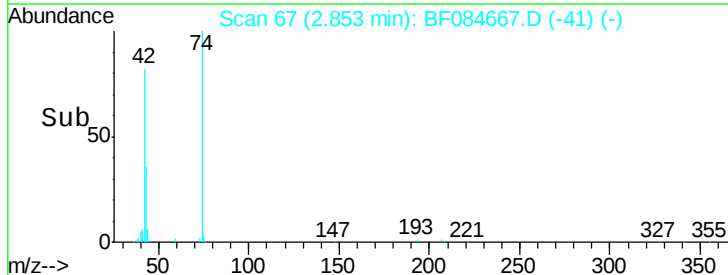
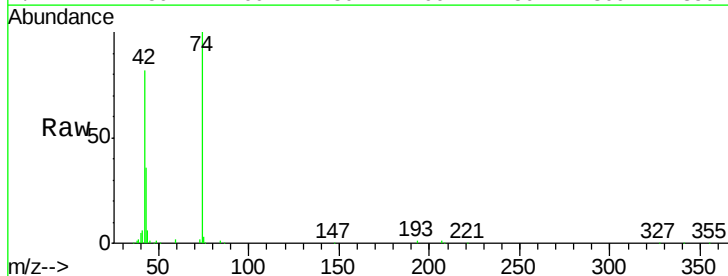
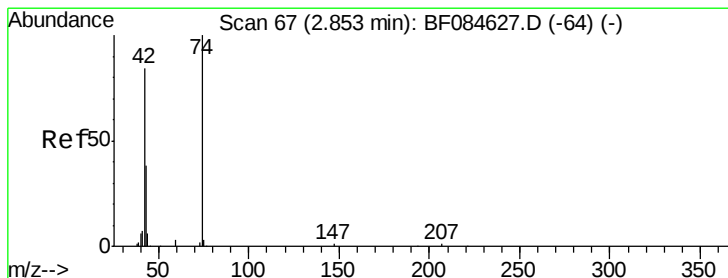
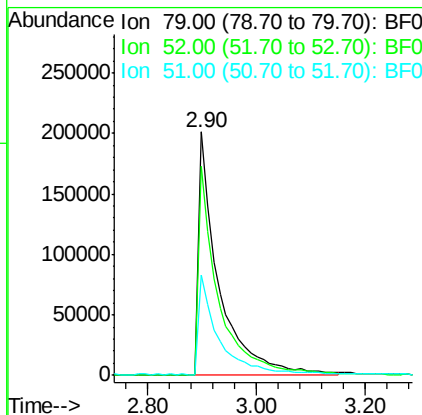
#3
 Pvridine
 Concen: 37.00 ng
 RT: 2.90 min Scan# 71
 Delta R.T. -0.01 min
 Lab File: BF084667.D
 Acq: 30 Jan 2016 6:32

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		517401		
52	85.9	49.0	73.4#		
51	41.4	25.2	37.8#		

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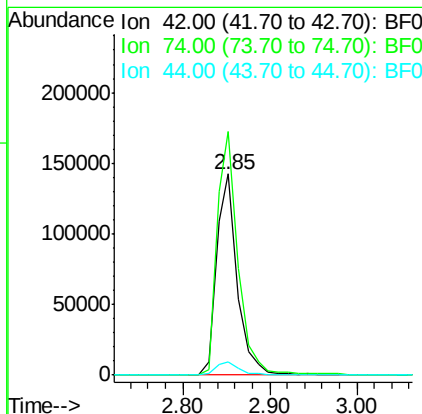
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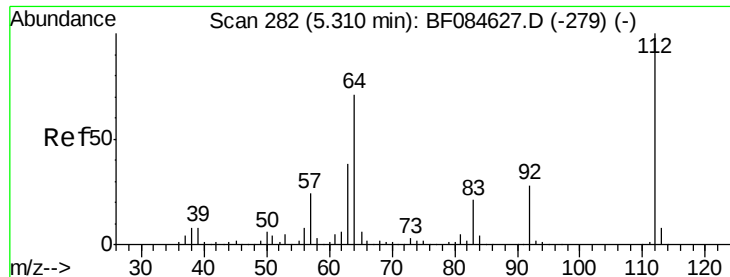
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#4
 n-Nitrosodimethylamine
 Concen: 34.66 ng
 RT: 2.85 min Scan# 67
 Delta R.T. 0.00 min
 Lab File: BF084667.D
 Acq: 30 Jan 2016 6:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		236943		
74	121.3	115.7	173.5		
44	6.7	5.1	7.7		





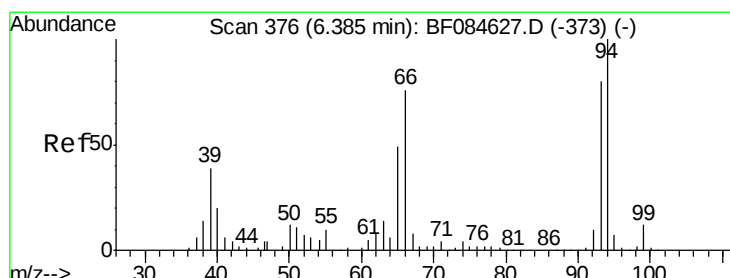
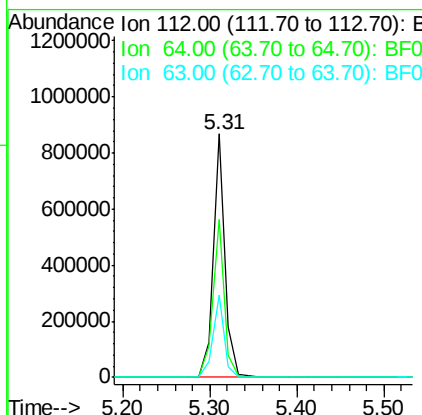
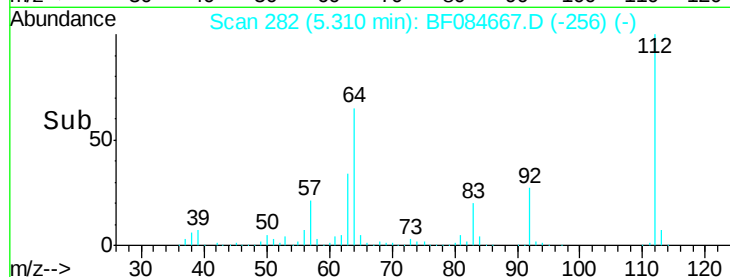
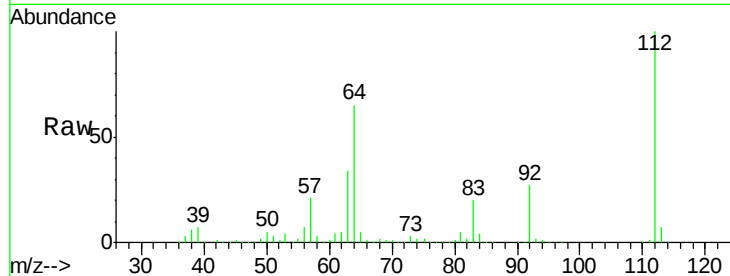
#5
2-Fluorophenol
Concen: 73.00 ng
RT: 5.31 min Scan# 282
Delta R.T. -0.00 min
Lab File: BF084667.D
Acq: 30 Jan 2016 6:32

Instrument :
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Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	64.6	36.6	55.0#
63	33.8	19.4	29.0#

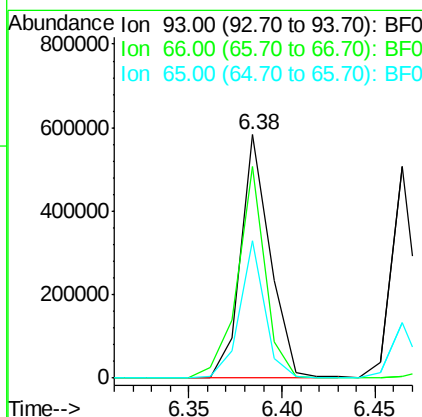
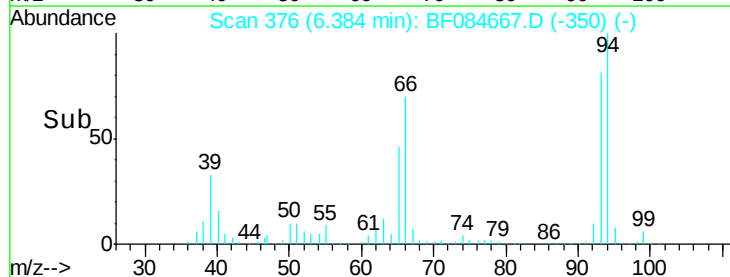
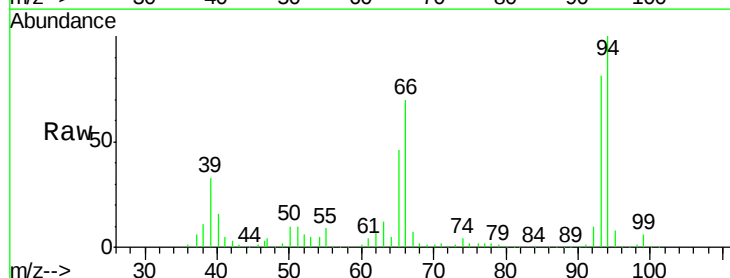
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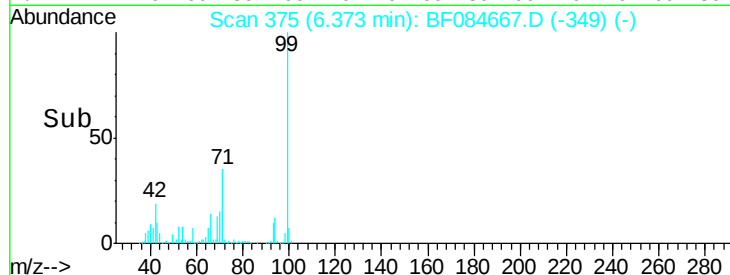
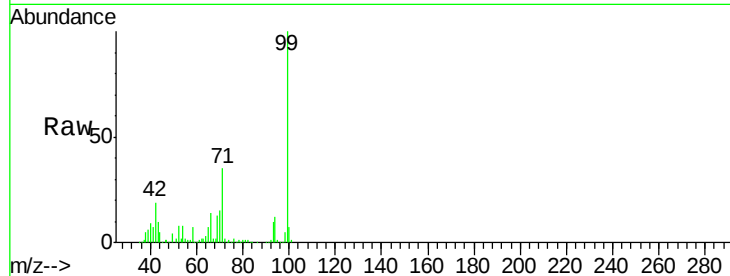
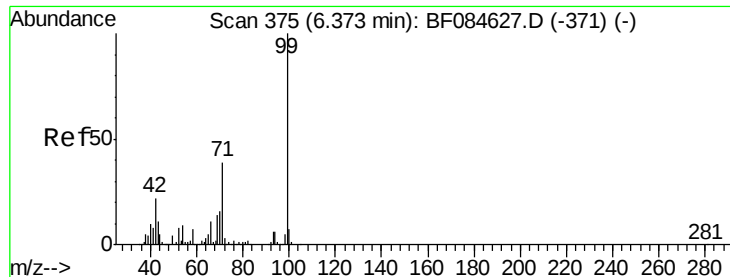
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#6
Aniline
Concen: 36.95 ng
RT: 6.38 min Scan# 376
Delta R.T. -0.00 min
Lab File: BF084667.D
Acq: 30 Jan 2016 6:32

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	87.1	44.9	67.3#
65	56.6	23.7	35.5#





#7

Phenol-d6

Concen: 78.35 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF084667.D

Acq: 30 Jan 2016 6:32

Tot Ion: 99 Resp: 1056932

Ion Ratio Lower Upper

99 100

42 18.9 12.8 19.2

71 35.0 30.9 46.3

Instrument :

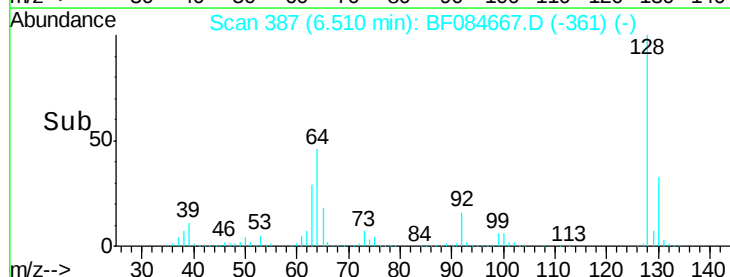
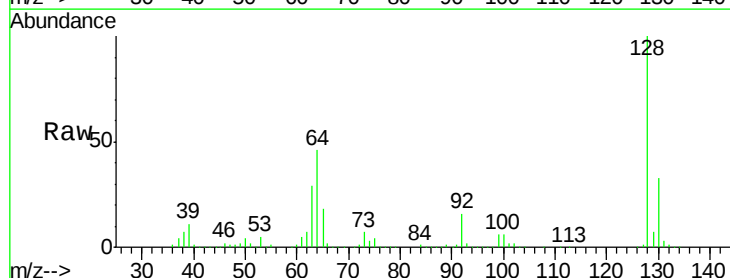
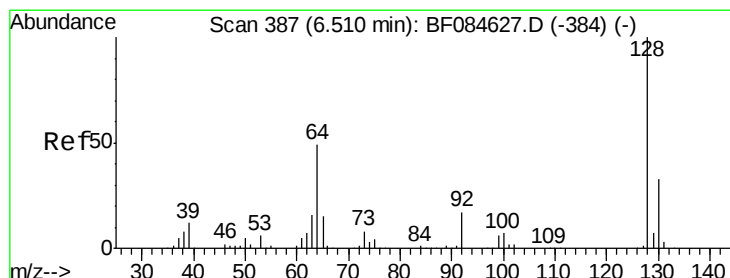
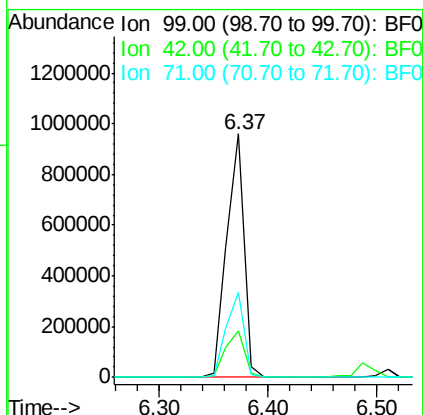
BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations
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#8

2-Chlorophenol

Concen: 40.11 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF084667.D

Acq: 30 Jan 2016 6:32

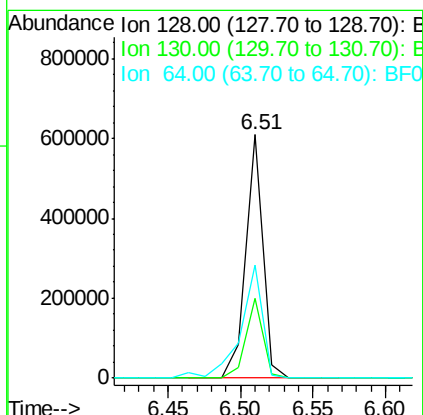
Tgt Ion: 128 Resp: 500794

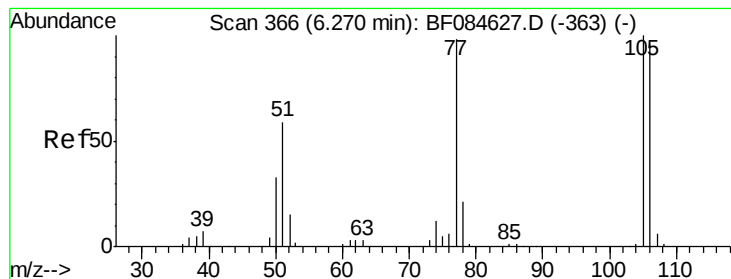
Ion Ratio Lower Upper

128 100

130 32.9 11.6 51.6

64 46.2 23.8 63.8





#9

Benzaldehyde

Concen: 40.11 ng

RT: 6.27 min Scan# 366

Delta R.T. -0.00 min

Lab File: BF084667.D

Acq: 30 Jan 2016 6:32

Instrument :

BNA_F

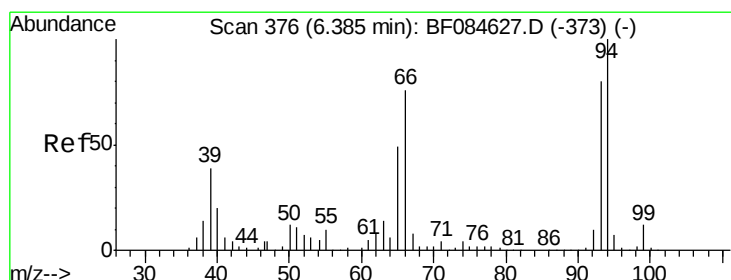
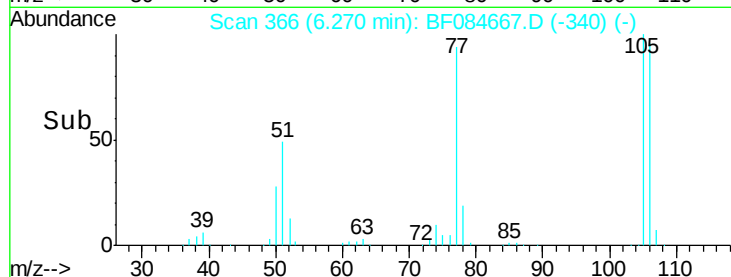
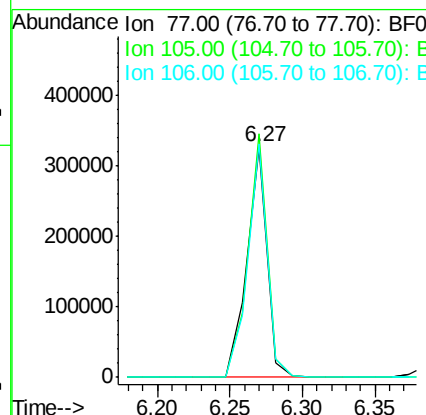
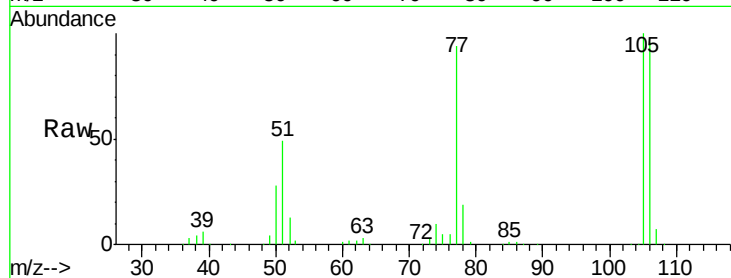
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	313342
Ion	Ratio	Lower	Upper
77	100		
105	106.1	83.0	123.0
106	101.6	74.6	114.6

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#10

Phenol

Concen: 40.63 ng

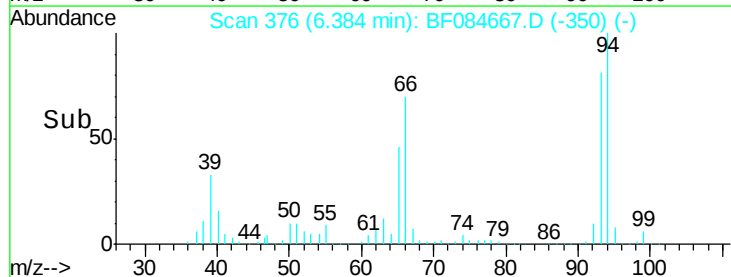
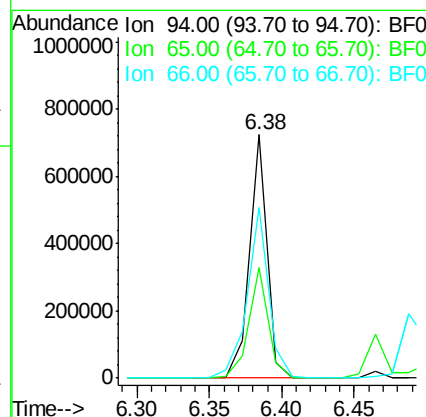
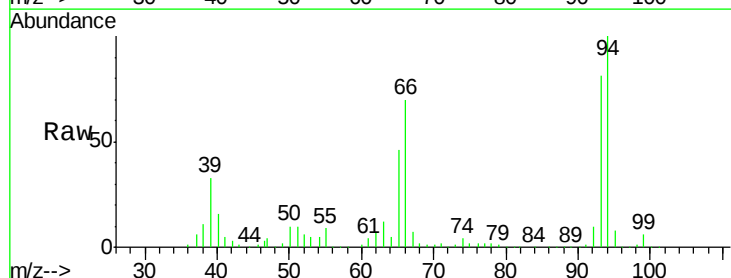
RT: 6.38 min Scan# 376

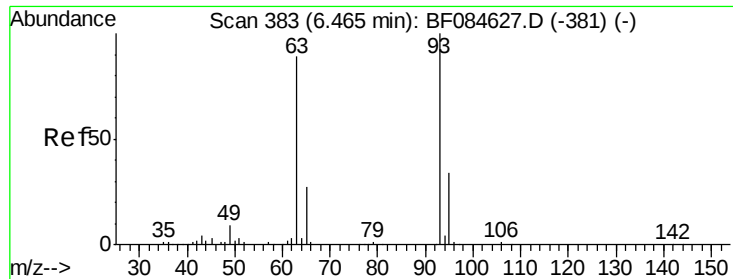
Delta R.T. -0.00 min

Lab File: BF084667.D

Acq: 30 Jan 2016 6:32

Tgt Ion:	94	Resp:	610881
Ion	Ratio	Lower	Upper
94	100		
65	45.6	12.9	52.9
66	70.2	32.7	72.7





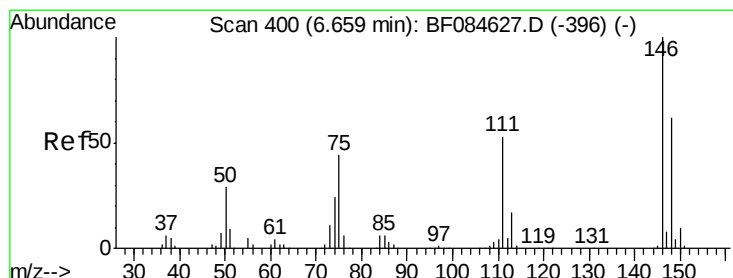
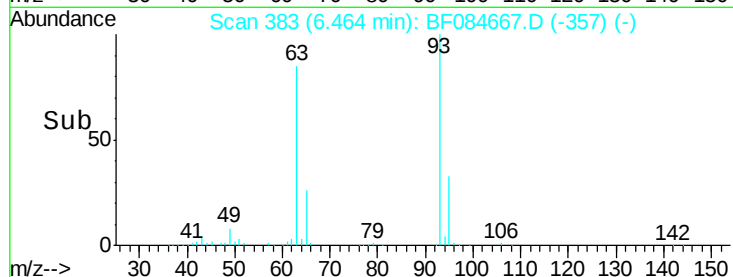
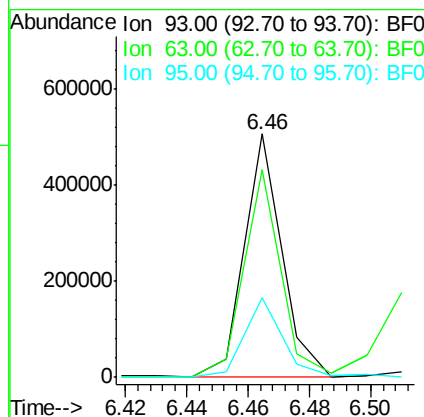
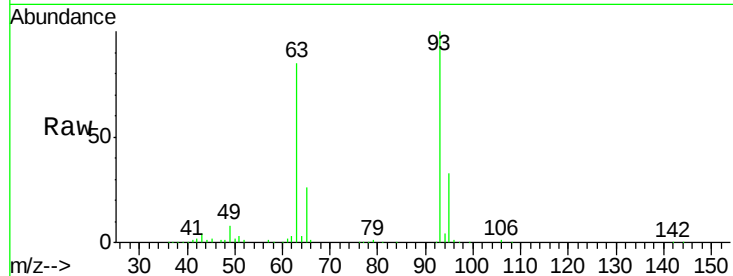
#11
bis(2-Chloroethyl)ether
Concen: 36.88 ng m
RT: 6.46 min Scan# 383
Delta R.T. -0.00 min
Lab File: BF084667.D
Acq: 30 Jan 2016 6:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	85.3	45.9	85.9	
95	33.0	12.3	52.3	

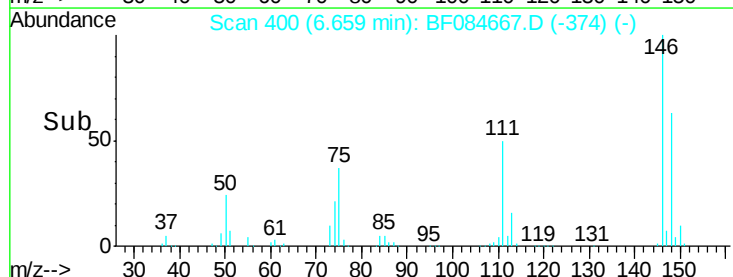
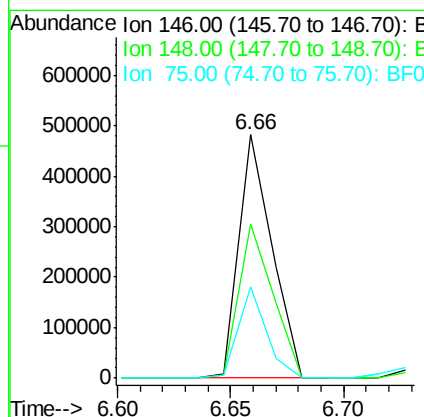
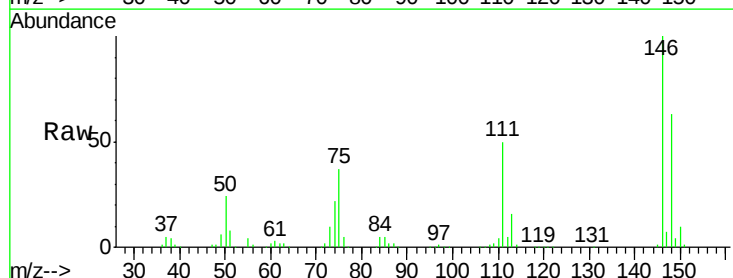
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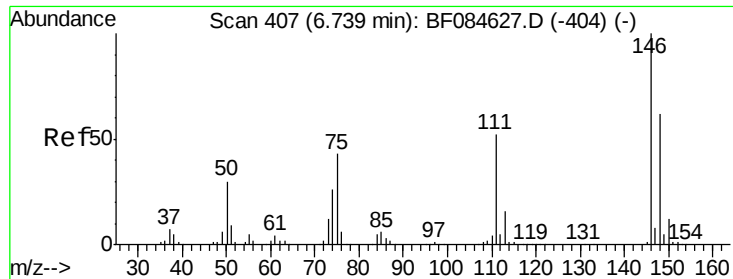
mohammad
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#12
1,3-Dichlorobenzene
Concen: 36.52 ng m
RT: 6.66 min Scan# 400
Delta R.T. -0.00 min
Lab File: BF084667.D
Acq: 30 Jan 2016 6:32

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	63.4	51.9	77.9	
75	37.4	20.5	30.7#	





#13

1,4-Dichlorobenzene

Concen: 37.27 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.00 min

Lab File: BF084667.D

Acq: 30 Jan 2016 6:32

Instrument :

BNA_F

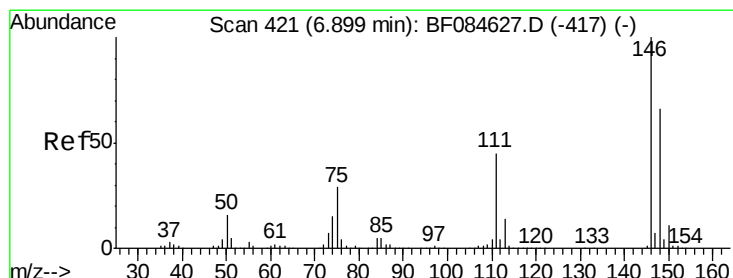
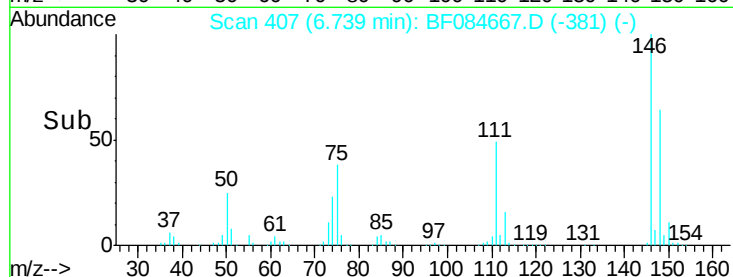
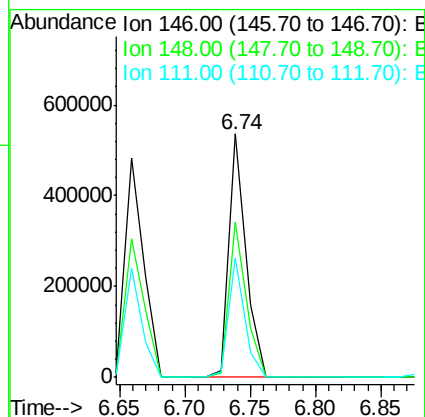
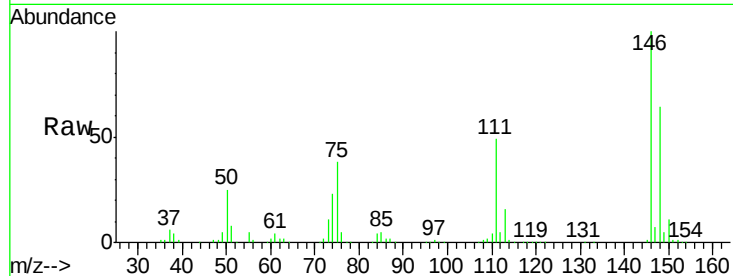
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	489237
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.9	77.9
111	48.9	41.6	62.4

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#14

1,2-Dichlorobenzene

Concen: 40.11 ng

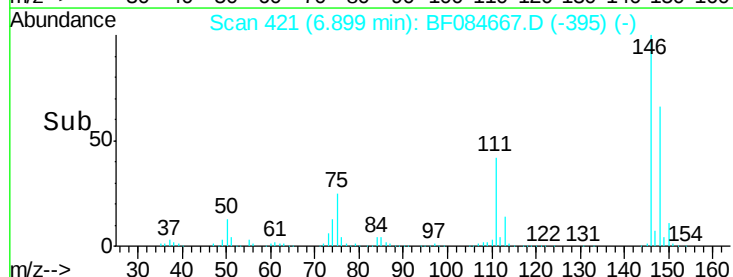
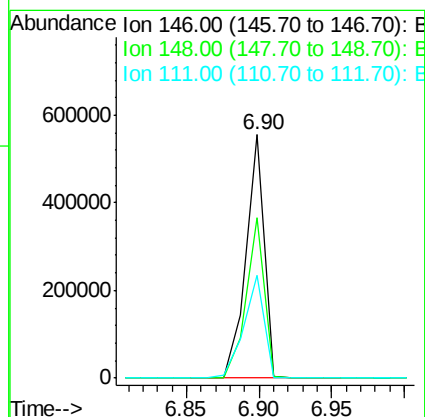
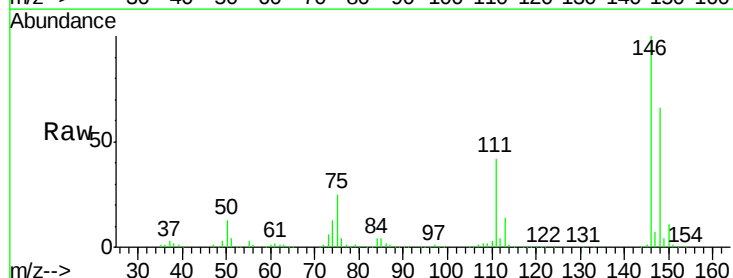
RT: 6.90 min Scan# 421

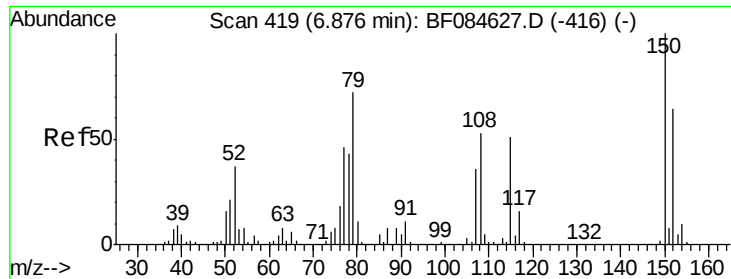
Delta R.T. -0.00 min

Lab File: BF084667.D

Acq: 30 Jan 2016 6:32

Tgt Ion:	146	Resp:	484832
Ion Ratio	Lower	Upper	
146	100		
148	65.8	51.6	77.4
111	42.1	38.0	57.0





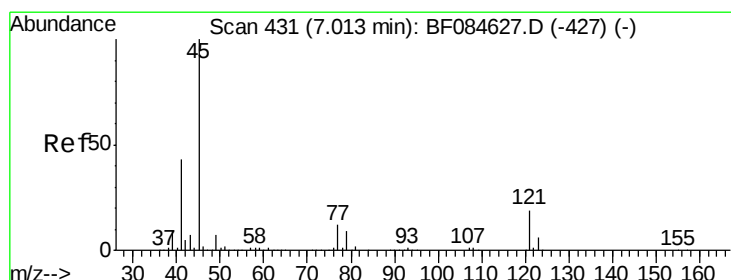
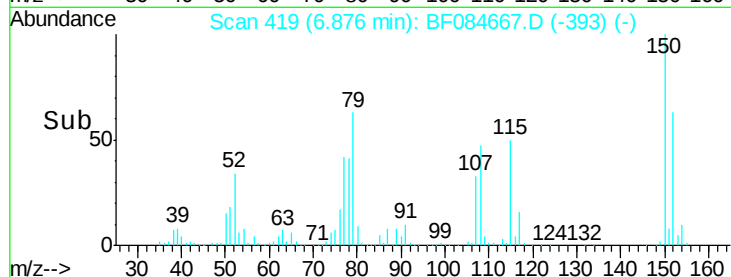
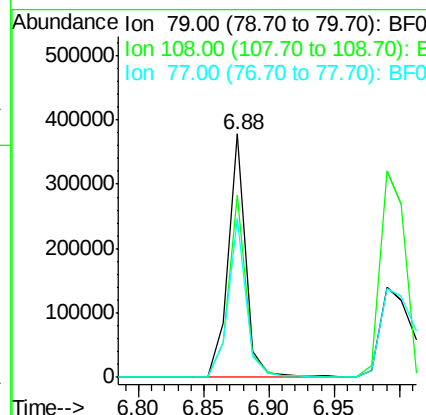
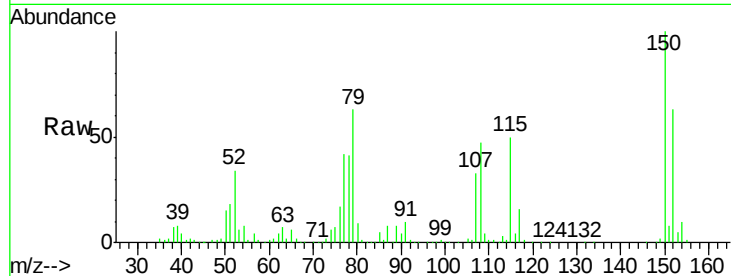
#15
Benzyl Alcohol
Concen: 39.13 ng
RT: 6.88 min Scan# 419
Delta R.T. -0.00 min
Lab File: BF084667.D
Acq: 30 Jan 2016 6:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	74.7	69.0	103.4	
77	65.6	50.0	75.0	

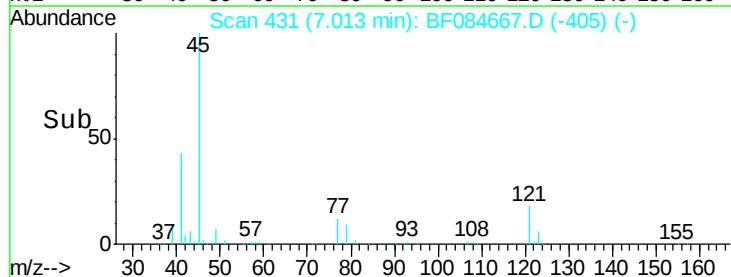
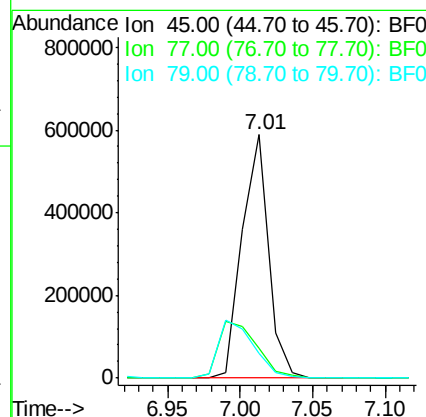
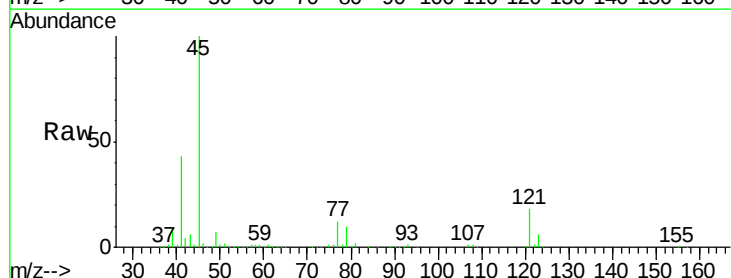
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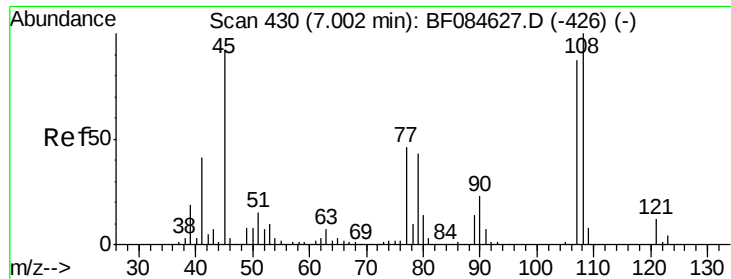
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.16 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.00 min
Lab File: BF084667.D
Acq: 30 Jan 2016 6:32

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	12.4	0.0	39.6	
79	9.9	0.0	35.0	





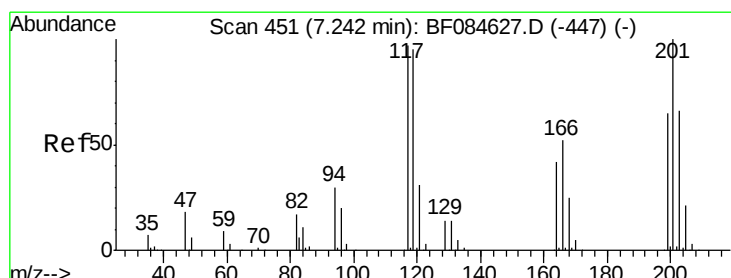
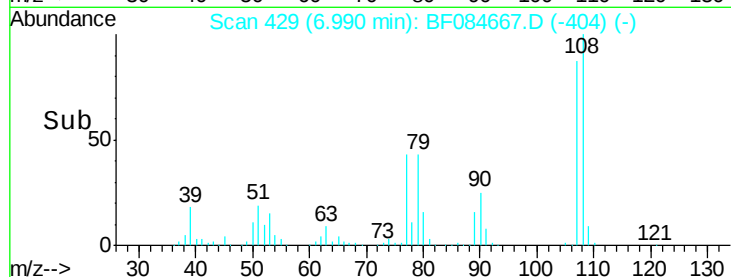
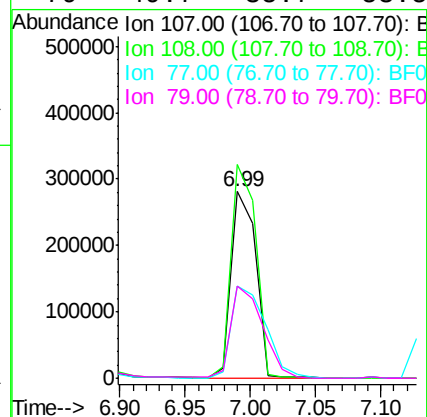
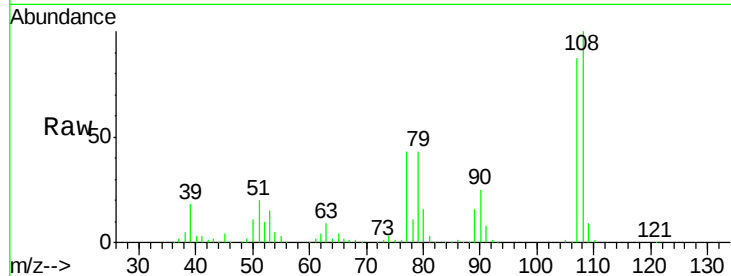
#17
2-Methylphenol
Concen: 38.21 ng
RT: 6.99 min Scan# 429
Delta R.T. -0.01 min
Lab File: BF084667.D
Acq: 30 Jan 2016 6:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.6	89.8	134.6	
77	49.4	35.7	53.5	
79	49.7	35.7	53.5	

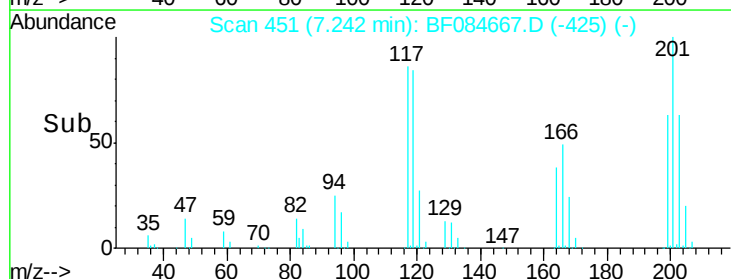
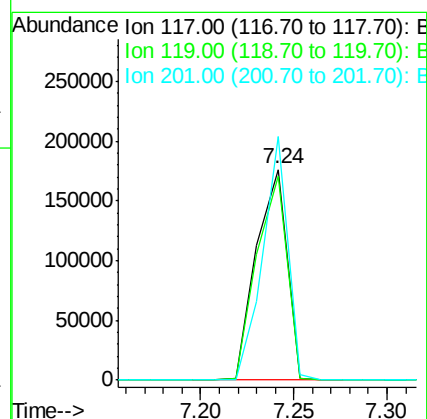
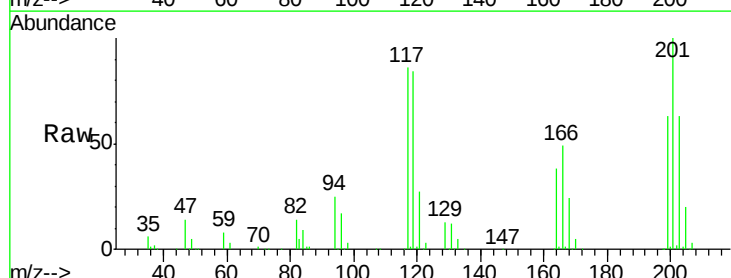
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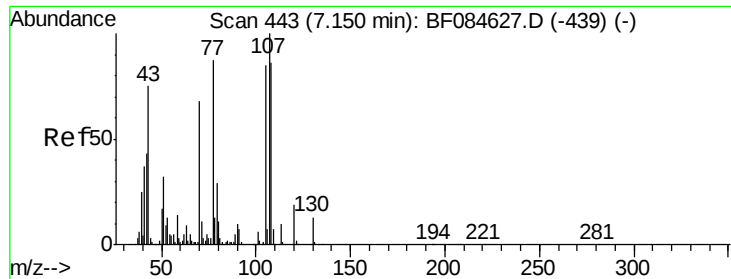
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#18
Hexachloroethane
Concen: 38.92 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF084667.D
Acq: 30 Jan 2016 6:32

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.2	77.4	116.0	
201	115.8	68.6	103.0	





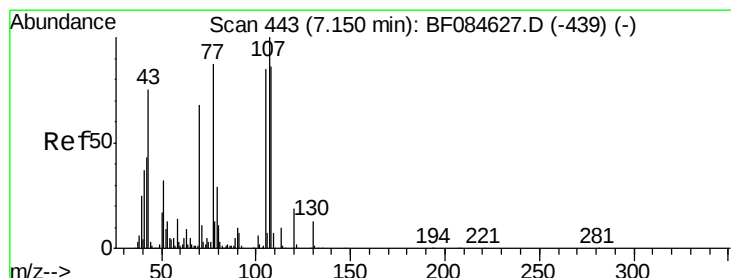
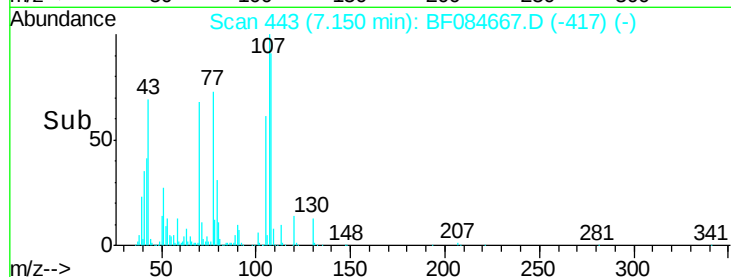
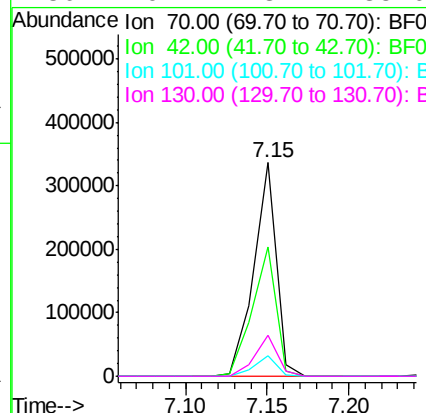
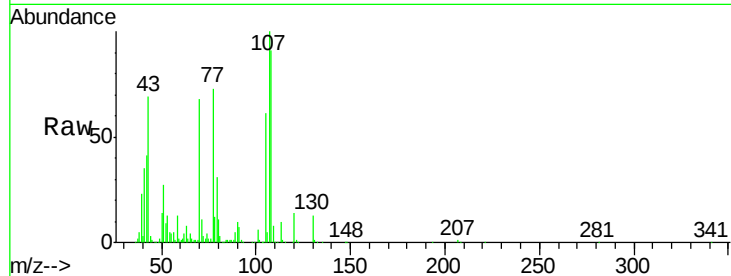
#19
n-Nitroso-di-n-propylamine
Concen: 39.12 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF084667.D
Acq: 30 Jan 2016 6:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.4	33.3	49.9#
101	9.4	9.3	13.9
130	19.2	23.4	35.0#

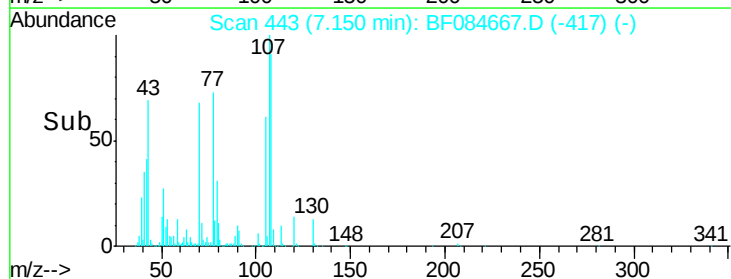
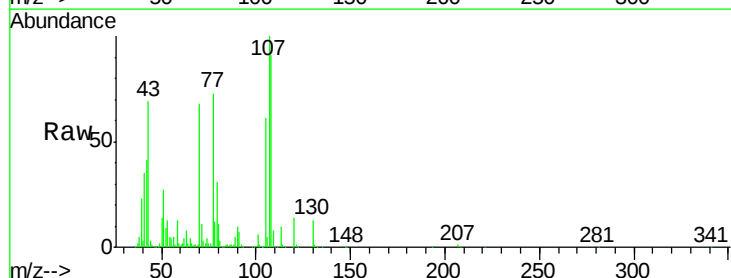
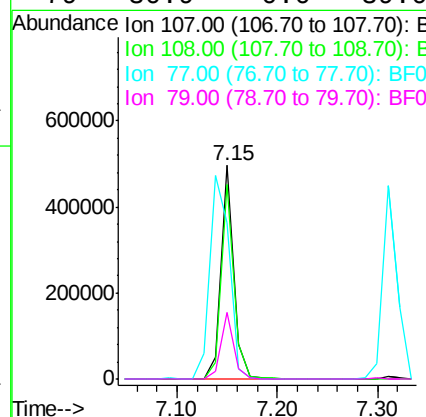
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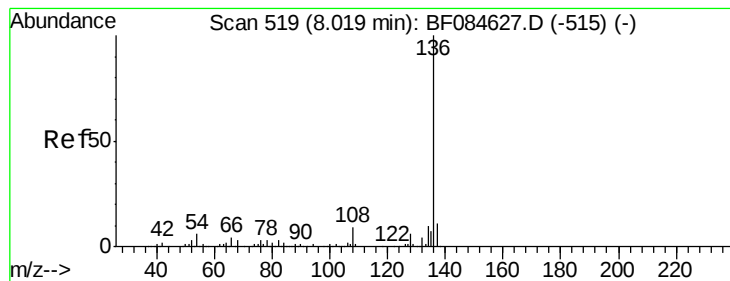
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#20
3+4-Methylphenols
Concen: 37.24 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF084667.D
Acq: 30 Jan 2016 6:32

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.0	74.6	114.6
77	72.9	0.7	40.7#
79	30.9	0.0	39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF084667.D

Acq: 30 Jan 2016 6:32

Instrument :

BNA_F

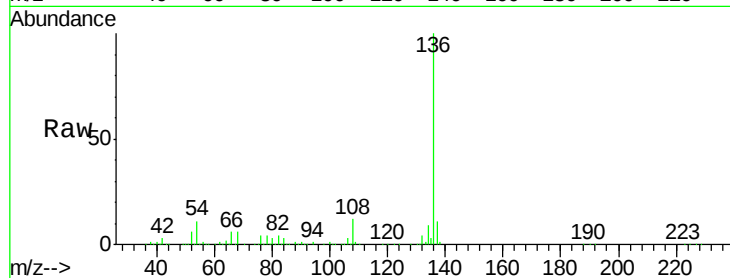
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	659526		
137	11.3	8.7	13.1	
54	10.8	5.8	8.8	
68	5.7	4.2	6.2	

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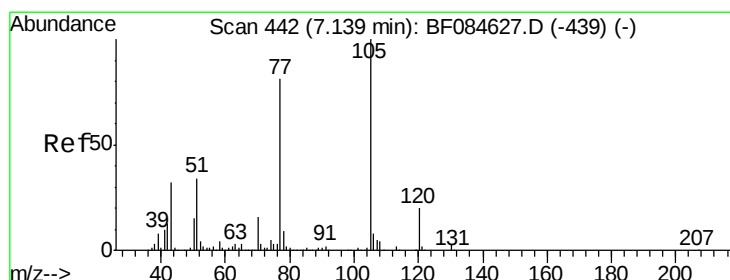
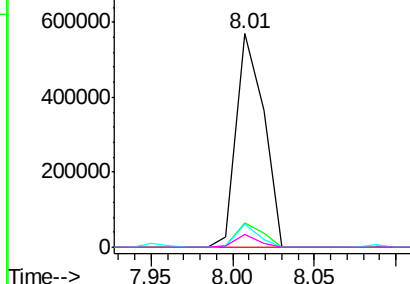
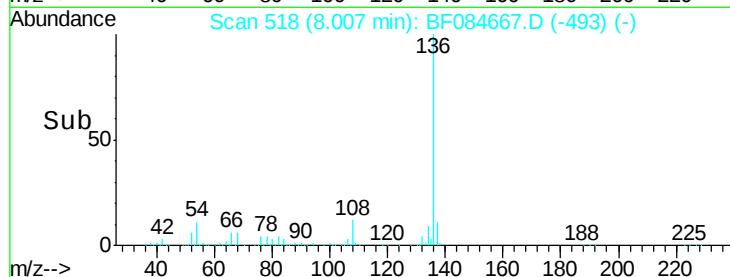


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 38.14 ng

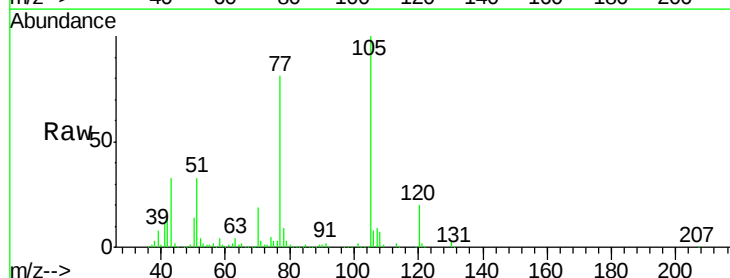
RT: 7.14 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF084667.D

Acq: 30 Jan 2016 6:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	657017		
71	3.0	3.7	5.5	
51	33.1	25.1	37.7	
120	20.1	16.6	25.0	

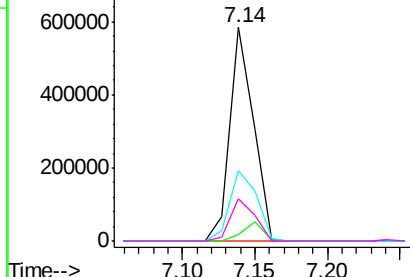
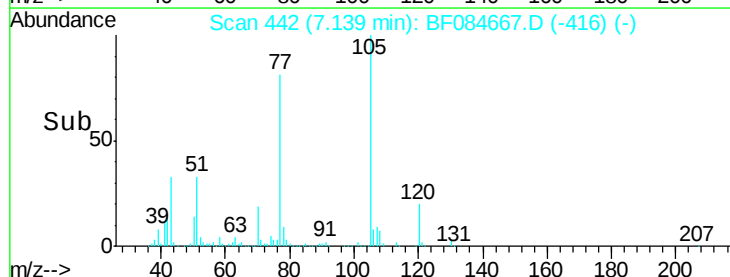


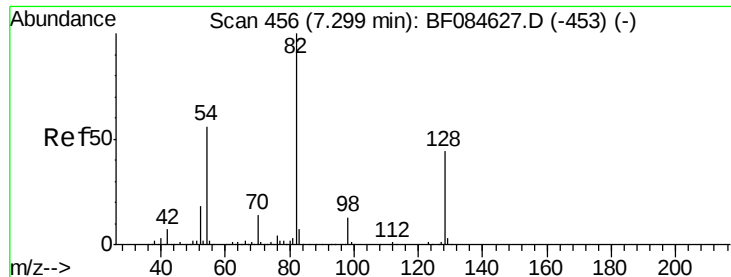
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





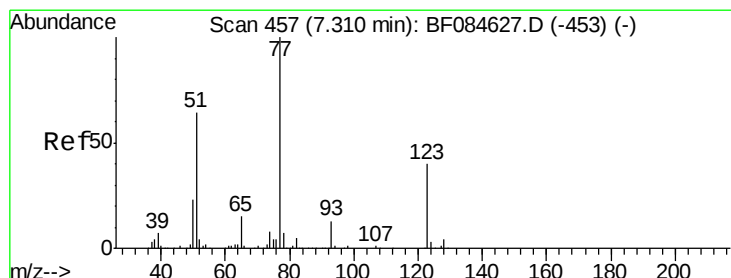
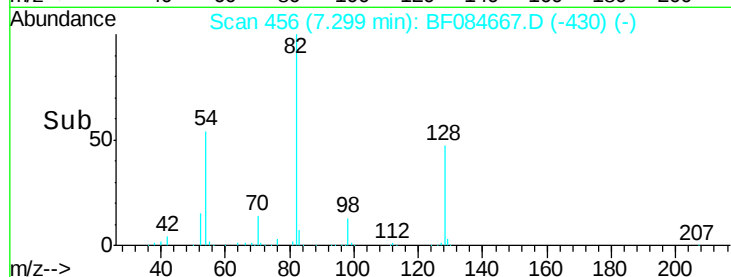
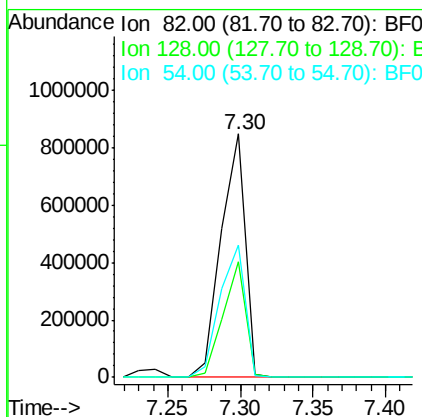
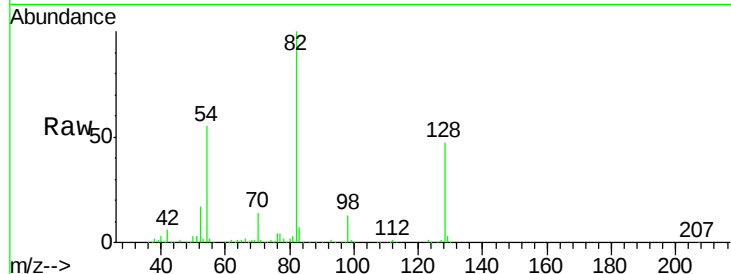
#23
 Nitrobenzene-d5
 Concen: 83.24 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.00 min
 Lab File: BF084667.D
 Acq: 30 Jan 2016 6:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.4	34.6	51.8
54	54.5	38.4	57.6

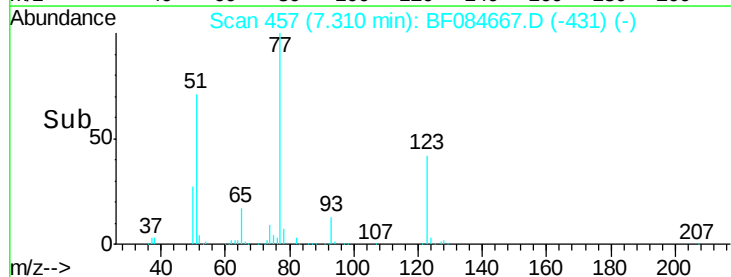
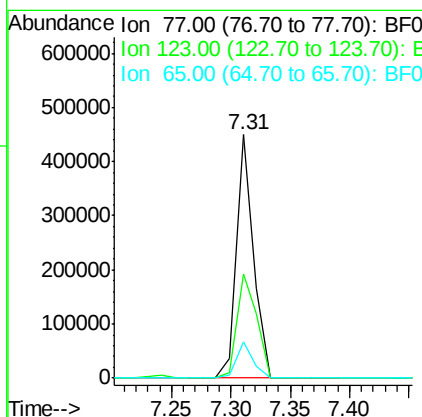
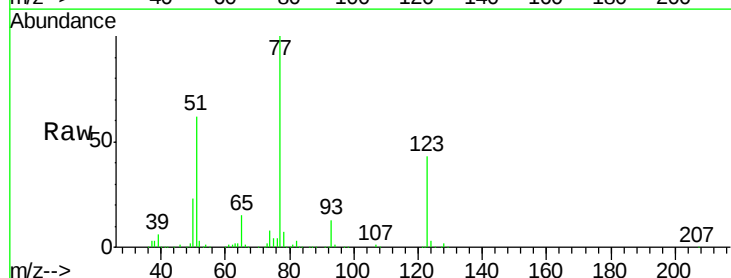
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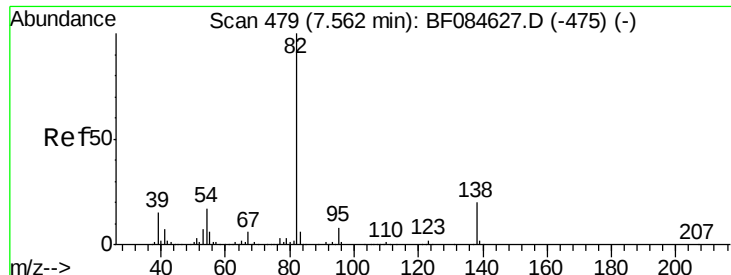
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#24
 Nitrobenzene
 Concen: 35.95 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.00 min
 Lab File: BF084667.D
 Acq: 30 Jan 2016 6:32

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.7	37.4	56.2
65	14.7	10.9	16.3





#25

Isophorone

Concen: 40.86 ng

RT: 7.56 min Scan# 479

Delta R.T. -0.00 min

Lab File: BF084667.D

Acq: 30 Jan 2016 6:32

Instrument :

BNA_F

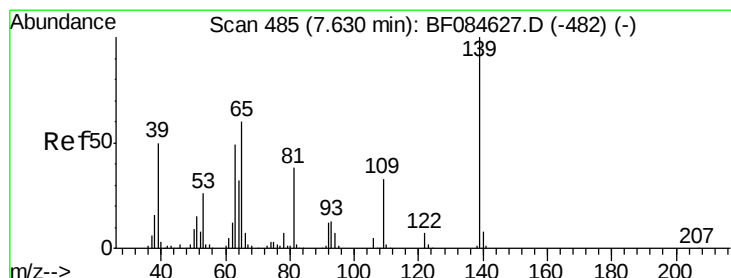
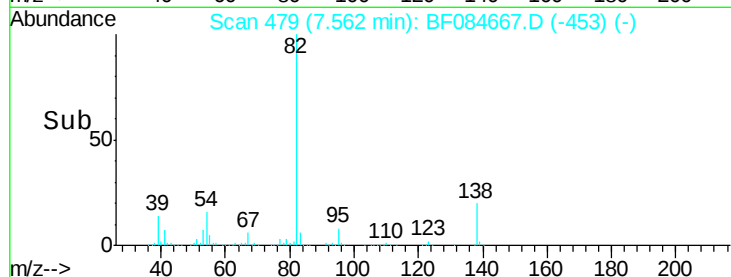
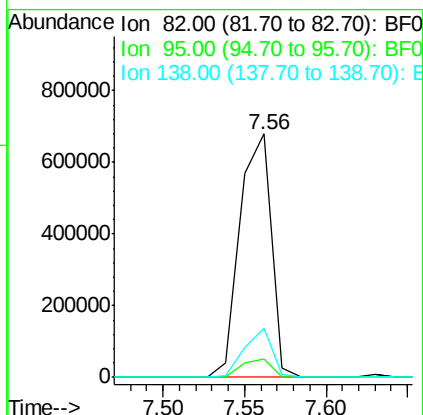
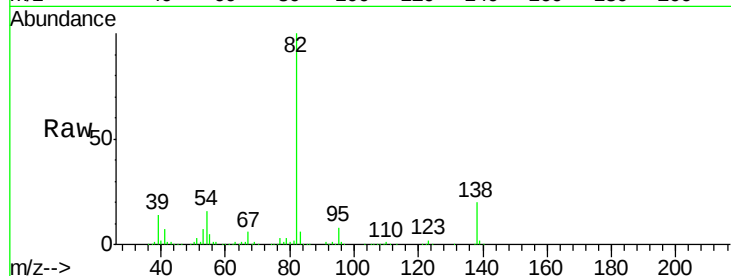
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	903349
Ion Ratio	Lower	Upper	
82	100		
95	7.7	6.6	10.0
138	20.0	13.6	20.4

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#26

2-Nitrophenol

Concen: 42.80 ng

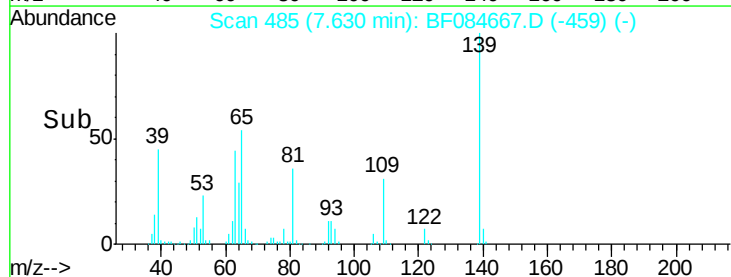
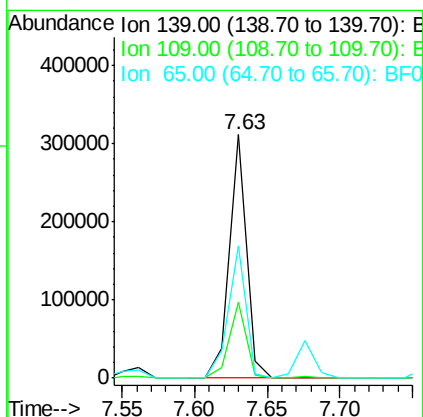
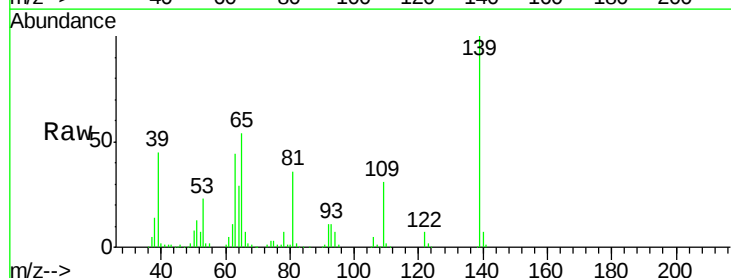
RT: 7.63 min Scan# 485

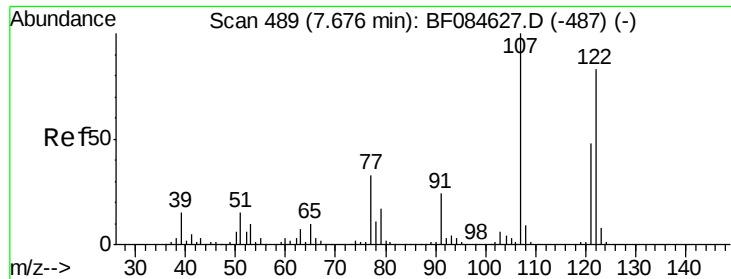
Delta R.T. -0.00 min

Lab File: BF084667.D

Acq: 30 Jan 2016 6:32

Tgt Ion:	139	Resp:	255306
Ion Ratio	Lower	Upper	
139	100		
109	31.3	25.4	38.2
65	54.1	32.3	48.5#





#27

2,4-Dimethylphenol

Concen: 36.75 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.00 min

Lab File: BF084667.D

Acq: 30 Jan 2016 6:32

Instrument :

BNA_F

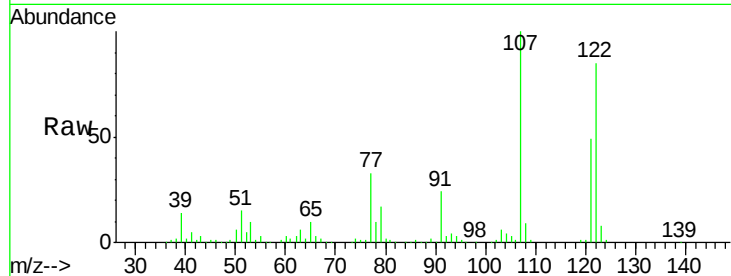
ClientSampleId :

SSTDCCC040

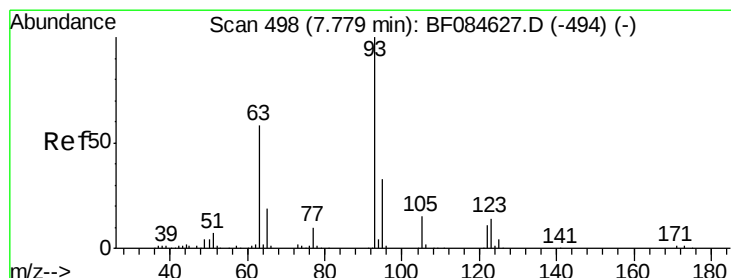
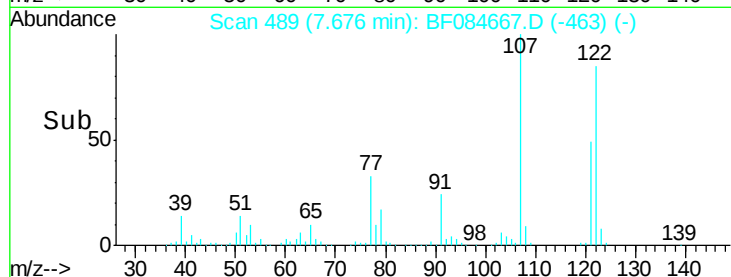
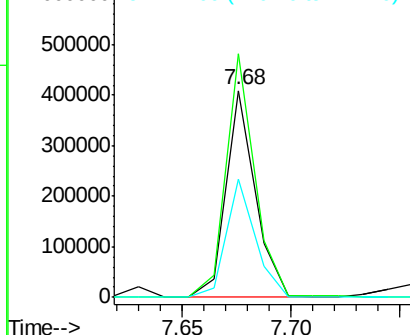
Tot Ion:	122	Resp:	384097
Ion Ratio	Lower	Upper	
122	100		
107	117.7	99.1	148.7
121	57.1	47.9	71.9

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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.48 ng

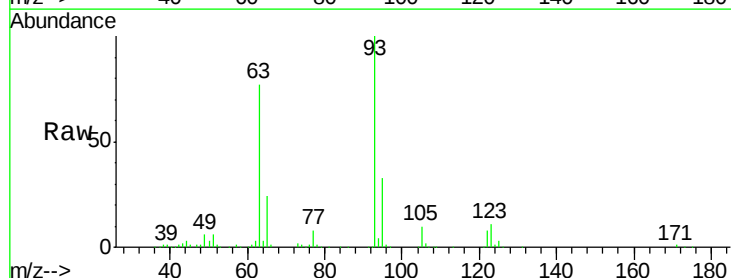
RT: 7.77 min Scan# 497

Delta R.T. -0.01 min

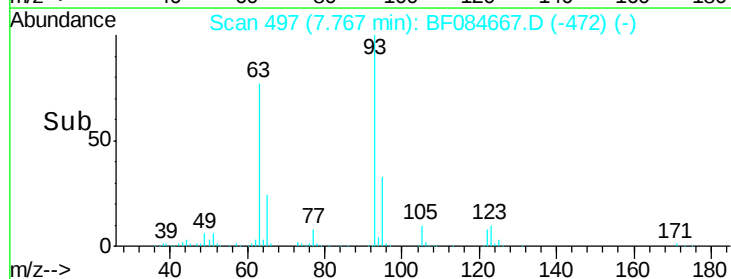
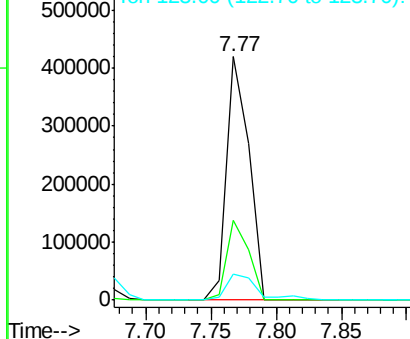
Lab File: BF084667.D

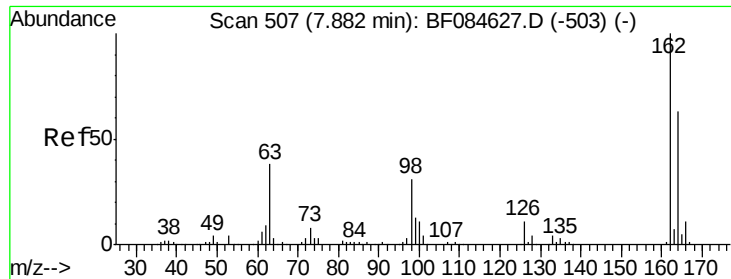
Acq: 30 Jan 2016 6:32

Tgt Ion:	93	Resp:	497396
Ion Ratio	Lower	Upper	
93	100		
95	32.7	25.8	38.6
123	10.5	8.6	12.8



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E





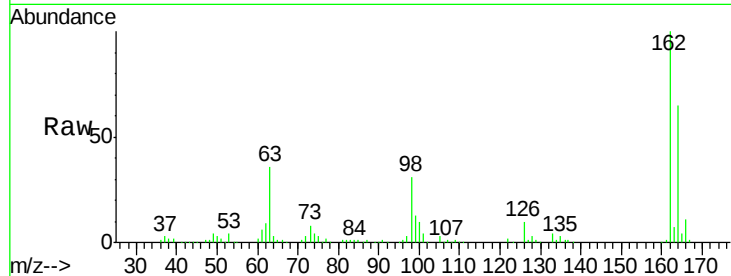
#29
 2,4-Dichlorophenol
 Concen: 40.47 ng
 RT: 7.88 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: BF084667.D
 Acq: 30 Jan 2016 6:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

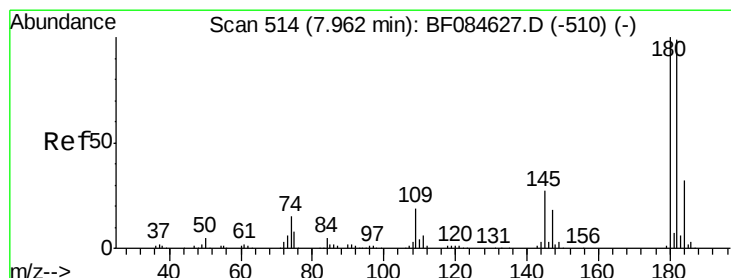
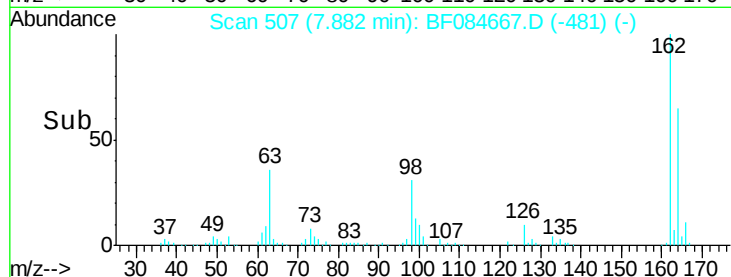
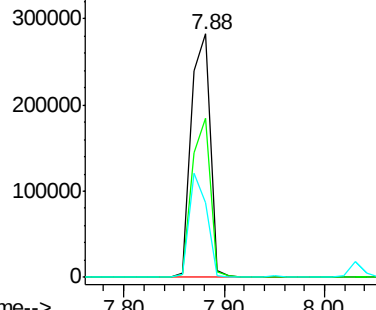
Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.4	44.1	84.1
98	30.7	20.2	60.2

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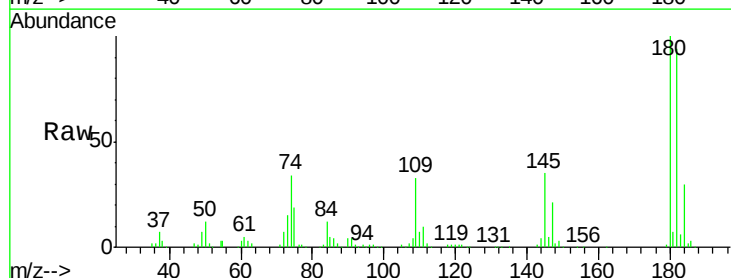


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BFO

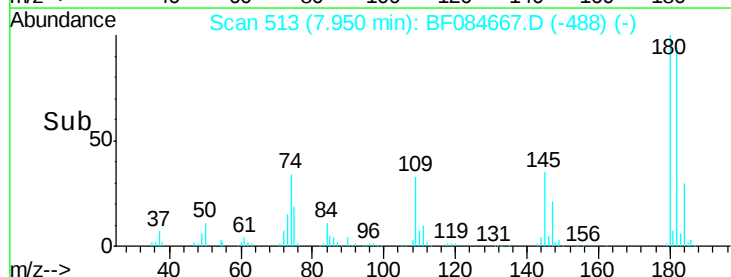
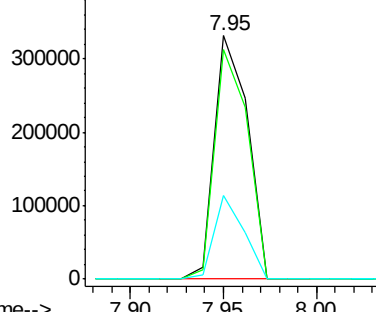


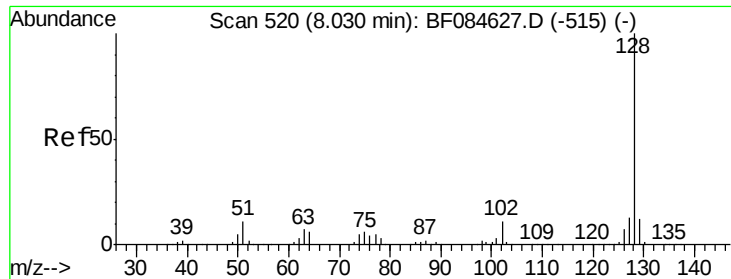
#30
 1,2,4-Trichlorobenzene
 Concen: 39.00 ng
 RT: 7.95 min Scan# 513
 Delta R.T. -0.01 min
 Lab File: BF084667.D
 Acq: 30 Jan 2016 6:32

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.2	76.4	114.6
145	34.6	31.6	47.4



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





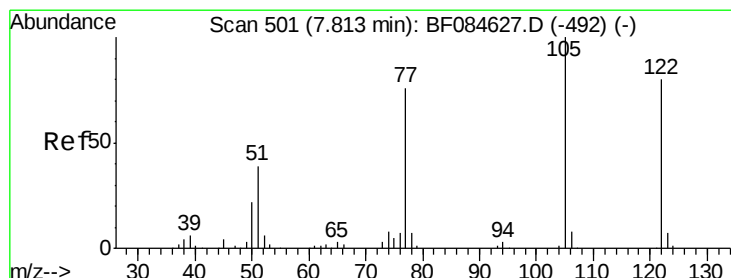
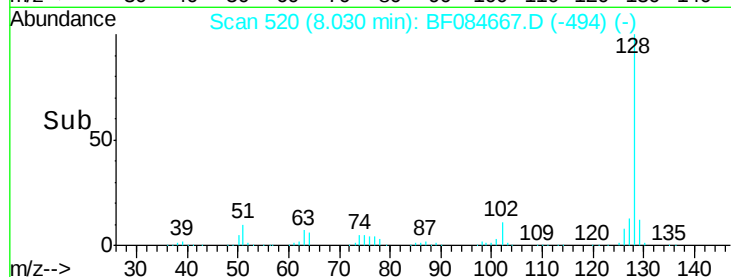
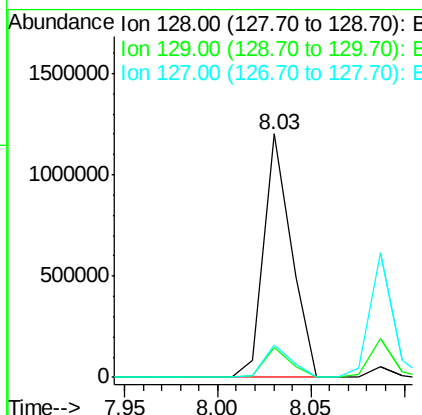
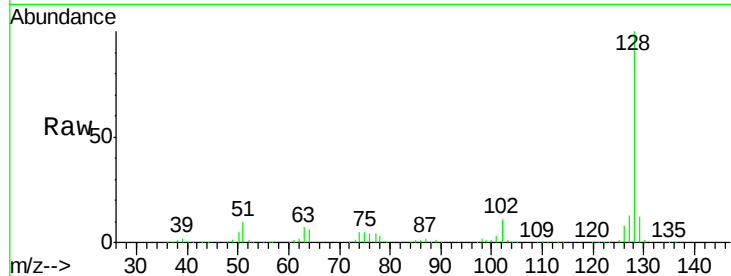
#31
Naphthalene
Concen: 36.70 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.00 min
Lab File: BF084667.D
Acq: 30 Jan 2016 6:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 1221879
Ion Ratio Lower Upper
128 100
129 12.1 9.1 13.7
127 13.5 11.1 16.7

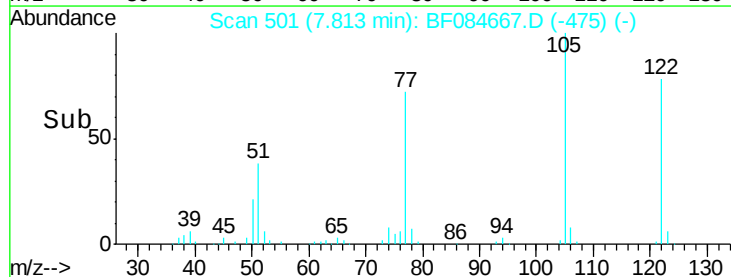
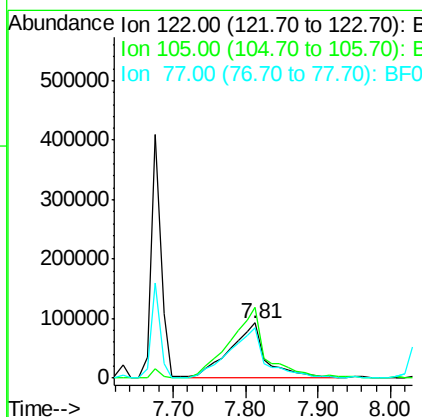
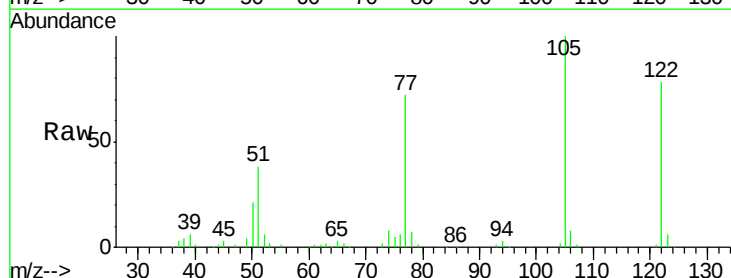
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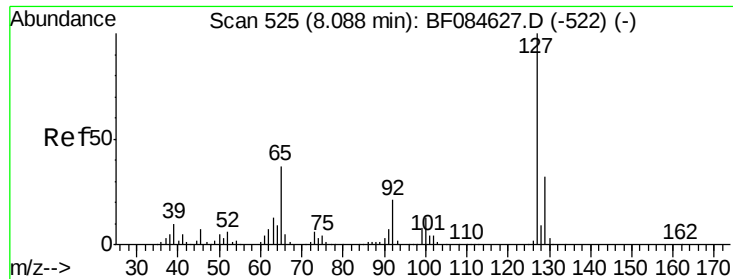
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#32
Benzoic acid
Concen: 39.16 ng
RT: 7.81 min Scan# 501
Delta R.T. -0.00 min
Lab File: BF084667.D
Acq: 30 Jan 2016 6:32

Tgt Ion:122 Resp: 314193
Ion Ratio Lower Upper
122 100
105 128.1 100.3 140.3
77 91.7 63.5 103.5





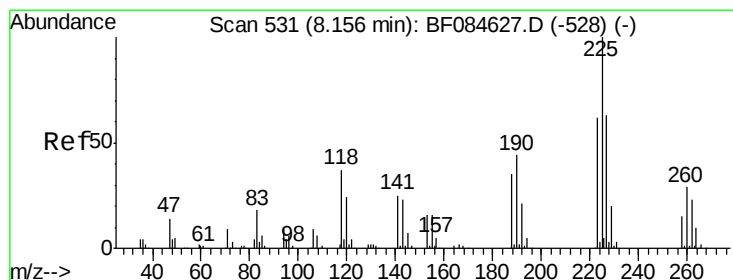
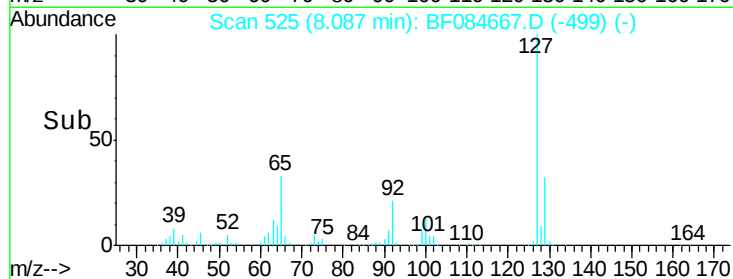
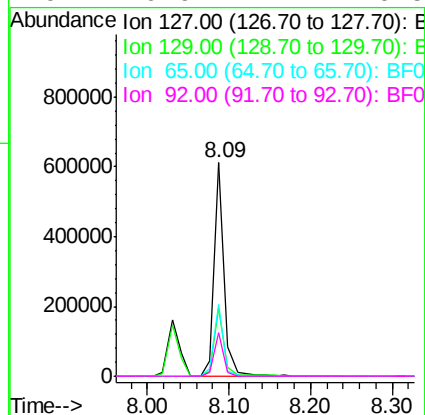
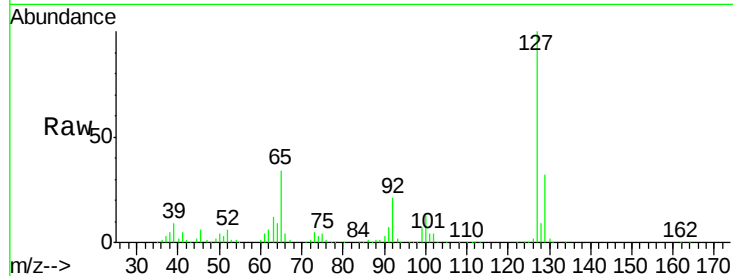
#33
4-Chloroaniline
Concen: 39.20 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF084667.D
Acq: 30 Jan 2016 6:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		530728		
129	31.8	26.5	39.7		
65	33.8	27.2	40.8		
92	20.6	17.7	26.5		

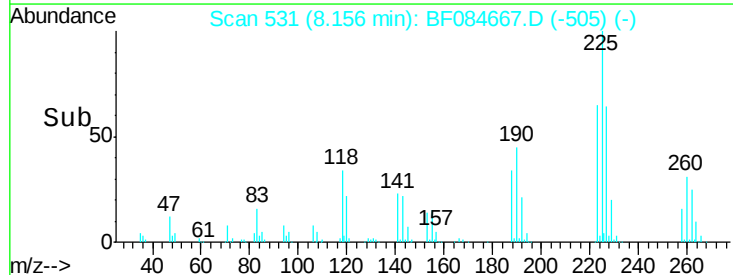
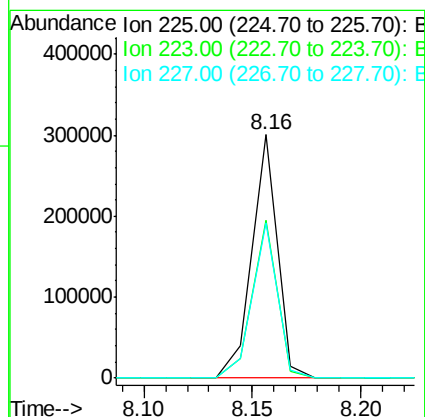
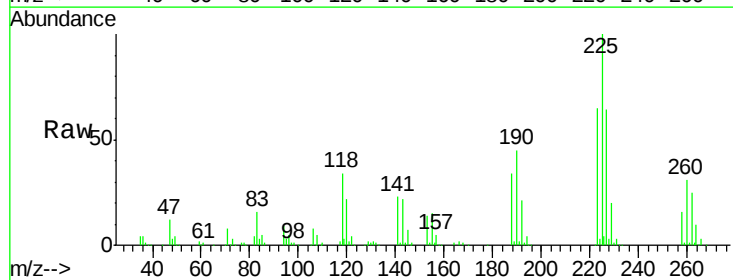
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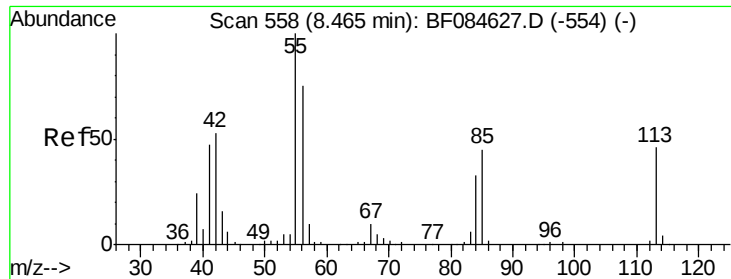
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#34
Hexachlorobutadiene
Concen: 39.48 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF084667.D
Acq: 30 Jan 2016 6:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		243904		
223	64.8	49.4	74.0		
227	63.7	50.8	76.2		





#35

Caprolactam

Concen: 40.51 ng

RT: 8.46 min Scan# 558

Delta R.T. -0.00 min

Lab File: BF084667.D

Acq: 30 Jan 2016 6:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:113 Resp: 106267
Ion Ratio Lower Upper

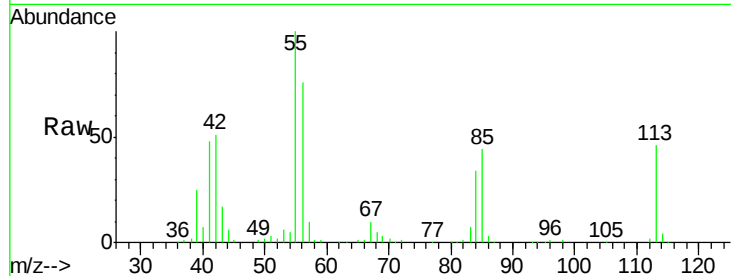
113 100

55 217.4 116.9 156.9#

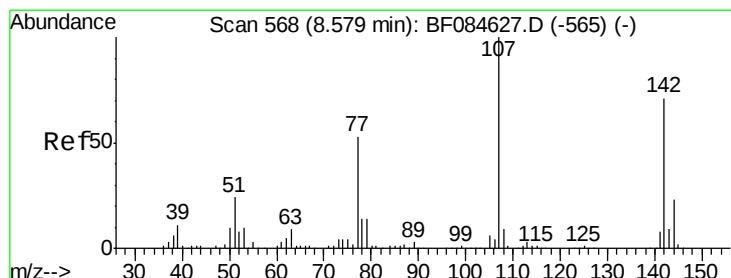
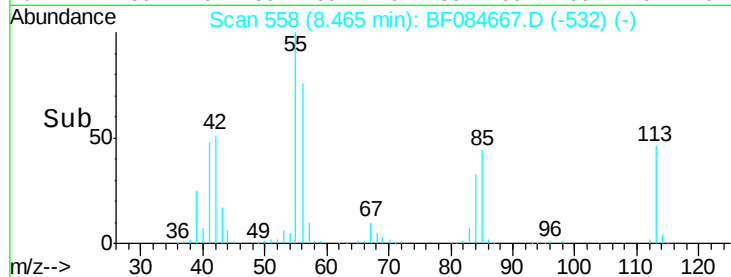
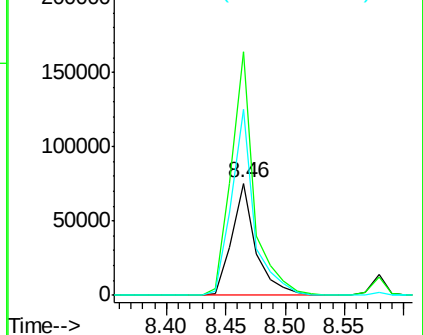
56 165.8 93.8 133.8#

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Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 43.42 ng

RT: 8.58 min Scan# 568

Delta R.T. -0.00 min

Lab File: BF084667.D

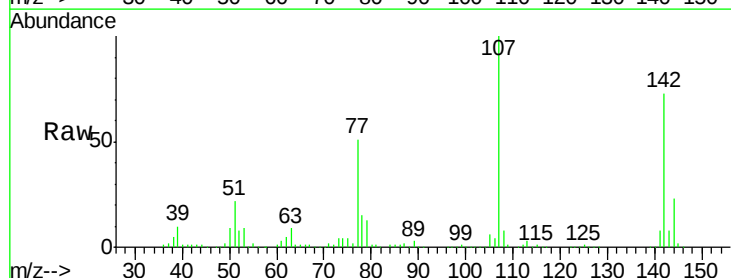
Acq: 30 Jan 2016 6:32

Tgt Ion:107 Resp: 437015
Ion Ratio Lower Upper

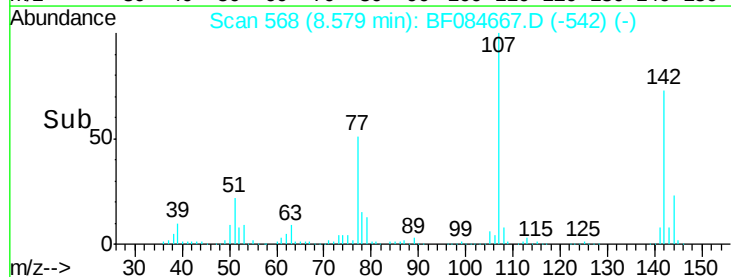
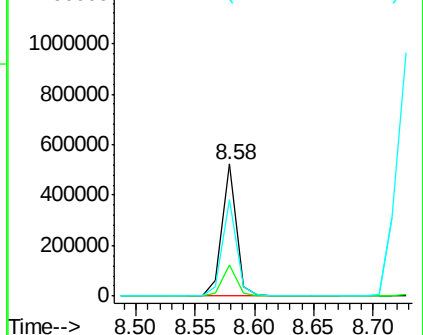
107 100

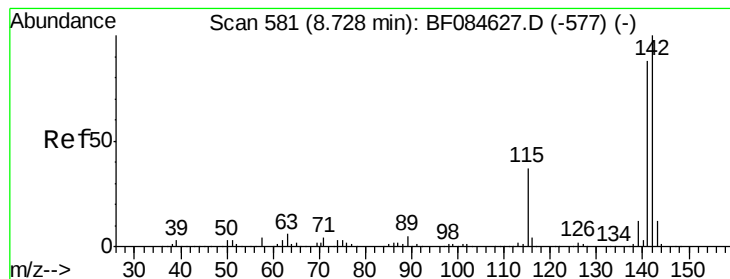
144 23.3 19.7 29.5

142 72.8 61.8 92.6



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.37 ng

RT: 8.73 min Scan# 581

Delta R.T. -0.00 min

Lab File: BF084667.D

Acq: 30 Jan 2016 6:32

Instrument :

BNA_F

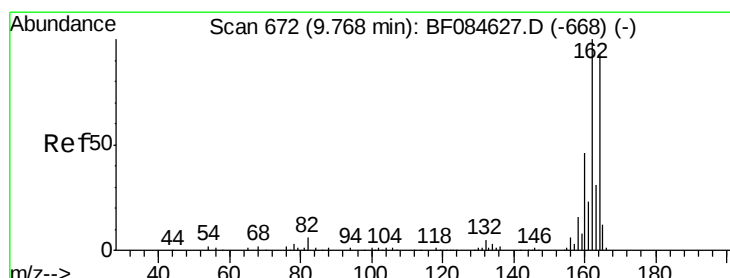
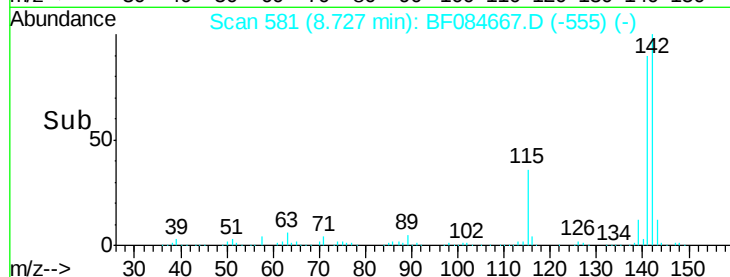
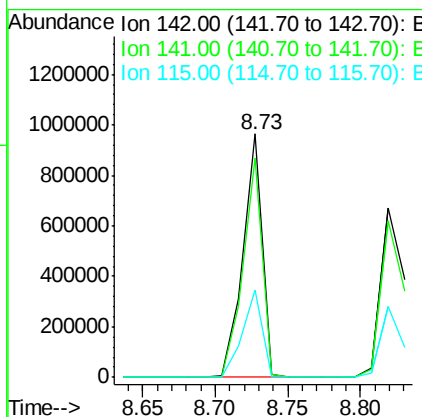
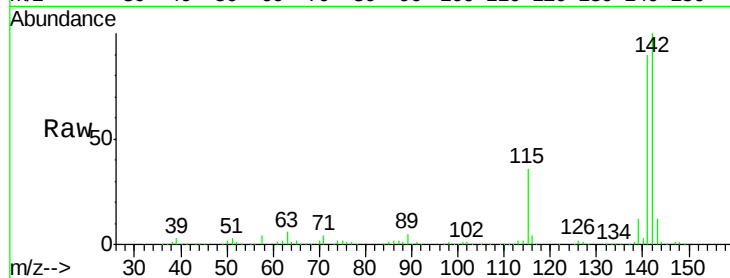
ClientSampleId :

SSTDCCC040

Tot Ion:	142	Resp:	886299
Ion Ratio	Lower	Upper	
142	100		
141	90.1	72.4	108.6
115	35.9	27.9	41.9

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#38

Acenaphthene-d10

Concen: 20.00 ng

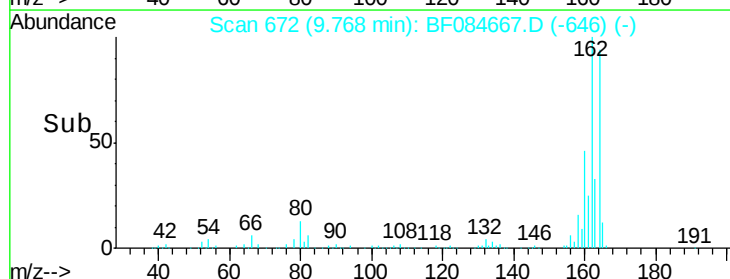
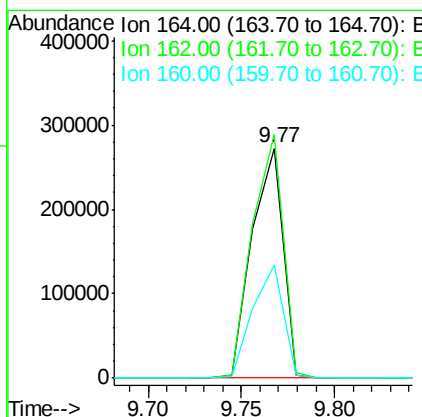
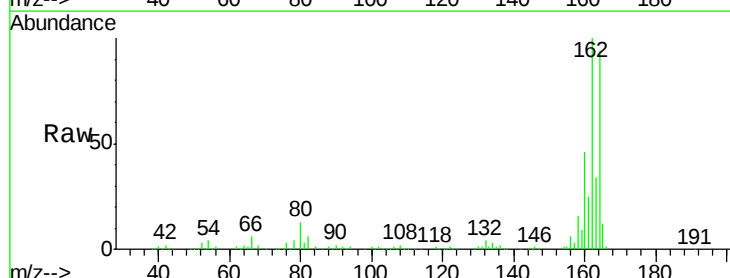
RT: 9.77 min Scan# 672

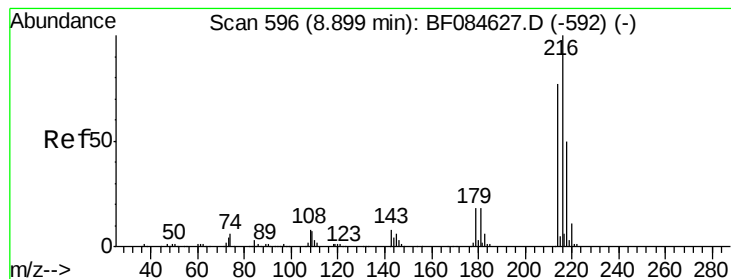
Delta R.T. -0.00 min

Lab File: BF084667.D

Acq: 30 Jan 2016 6:32

Tgt Ion:	164	Resp:	313391
Ion Ratio	Lower	Upper	
164	100		
162	105.9	85.1	127.7
160	48.9	37.5	56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.67 ng

RT: 8.89 min Scan# 595

Delta R.T. -0.01 min

Lab File: BF084667.D

Acq: 30 Jan 2016 6:32

Instrument :

BNA_F

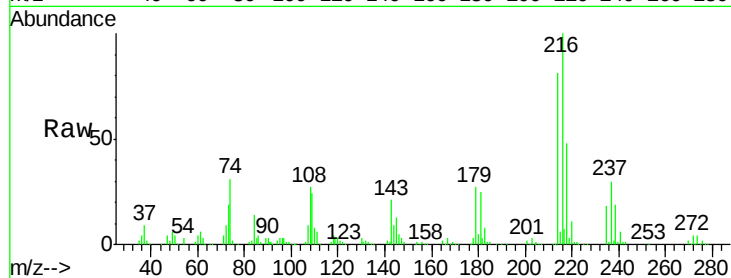
ClientSampleId :

SSTDCCC040

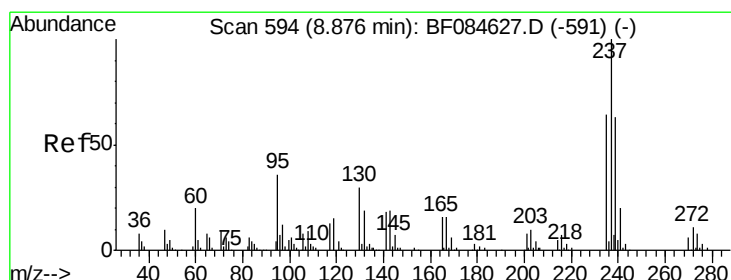
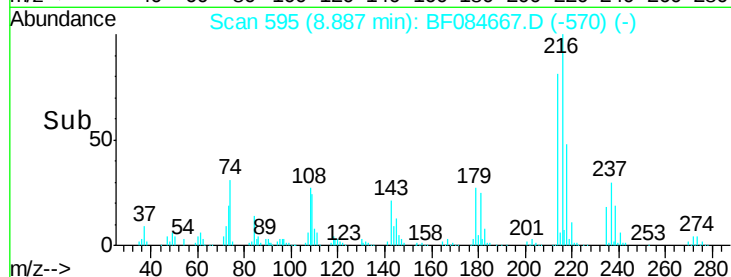
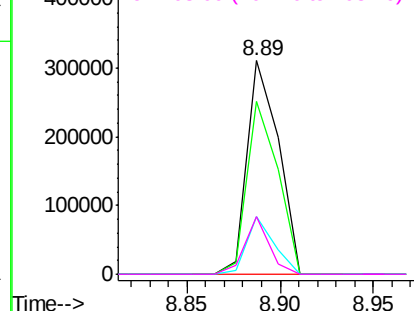
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		362503		
214	79.6		64.2	96.2	
179	23.4		18.7	28.1	
108	21.2		16.8	25.2	

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Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 38.07 ng

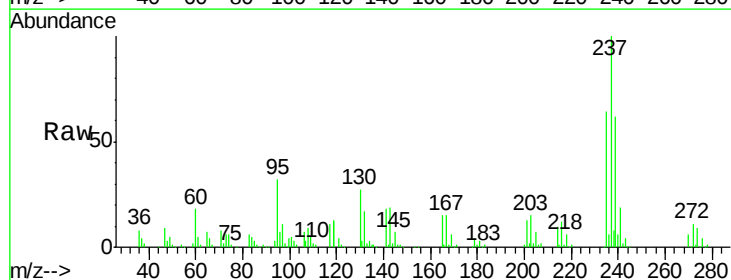
RT: 8.88 min Scan# 594

Delta R.T. -0.00 min

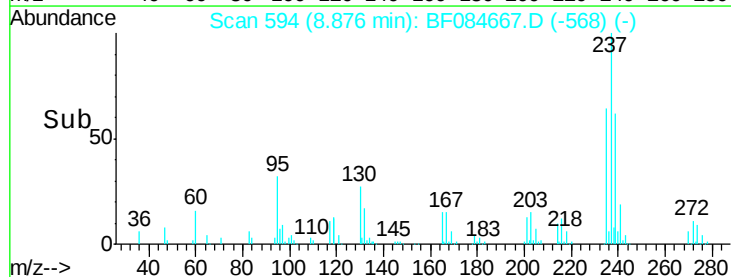
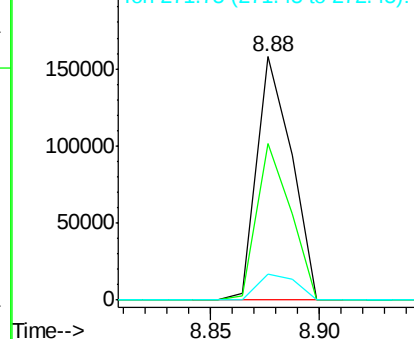
Lab File: BF084667.D

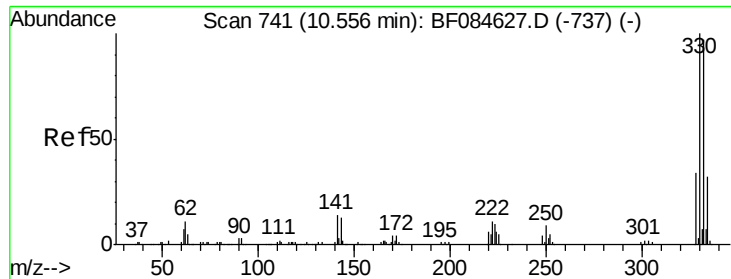
Acq: 30 Jan 2016 6:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		175935		
235	64.4		43.1	83.1	
272	10.8		0.0	35.1	



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E





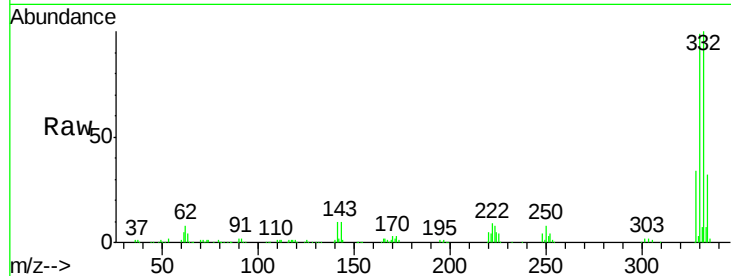
#41
 2,4,6-Tribromophenol
 Concen: 80.49 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BF084667.D
 Acq: 30 Jan 2016 6:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

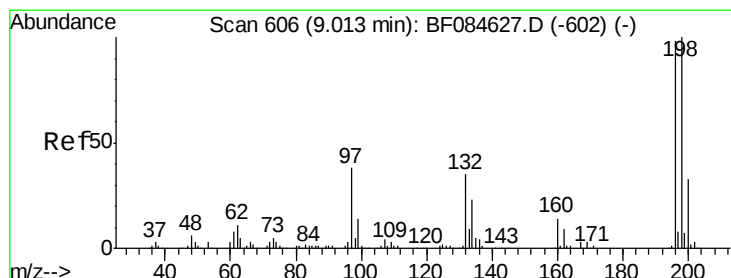
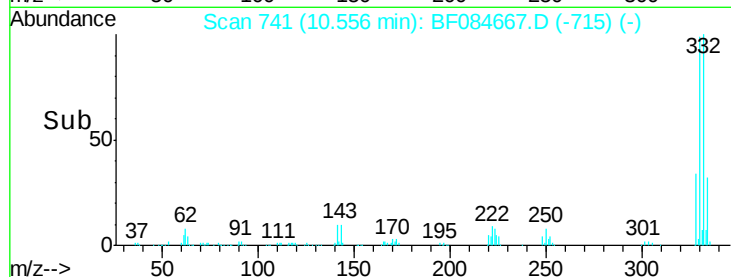
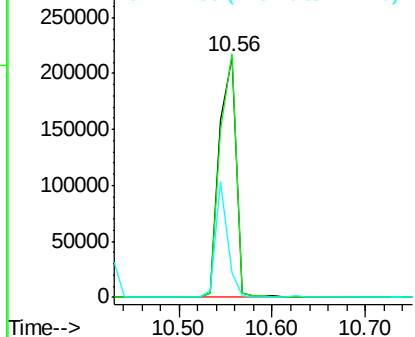
Tot Ion	Ratio	Resp	Lower	Upper
330	100	264366		
332	98.1	76.6	114.8	
141	34.6	27.8	41.6	

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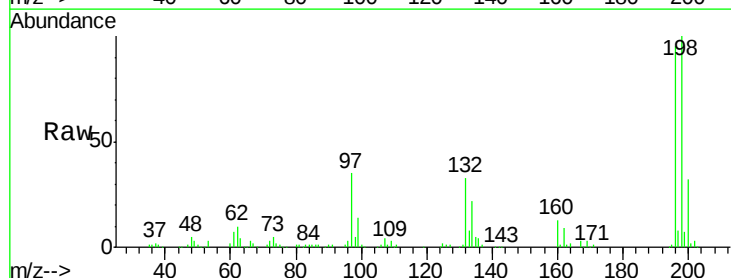


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

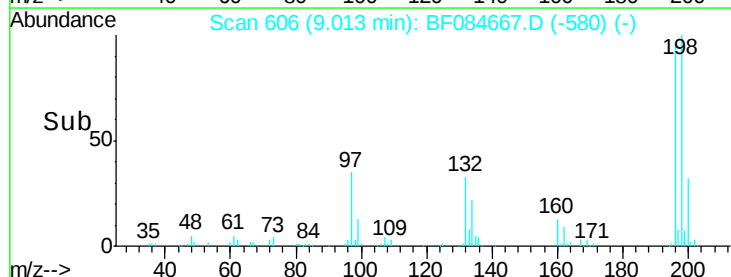
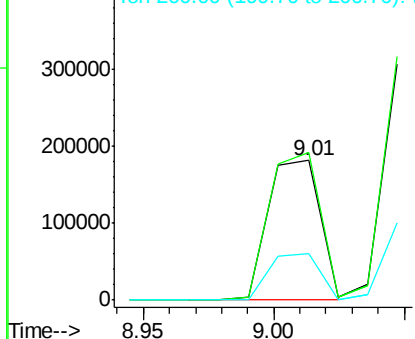


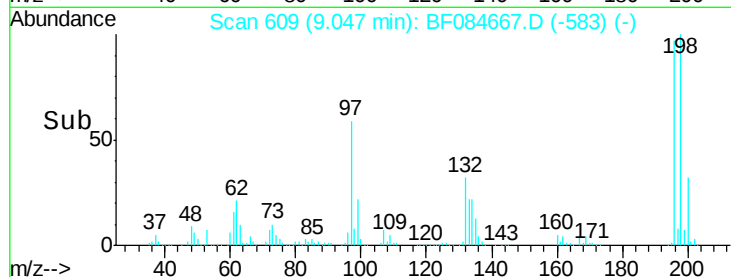
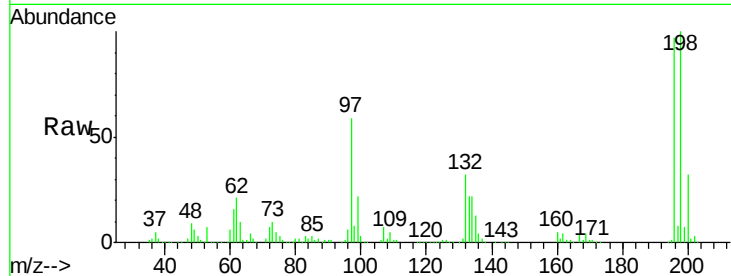
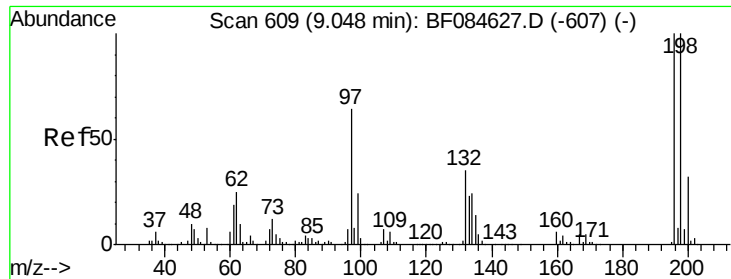
#42
 2,4,6-Trichlorophenol
 Concen: 39.53 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF084667.D
 Acq: 30 Jan 2016 6:32

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	249569		
198	105.4	77.7	116.5	
200	33.5	24.6	37.0	



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





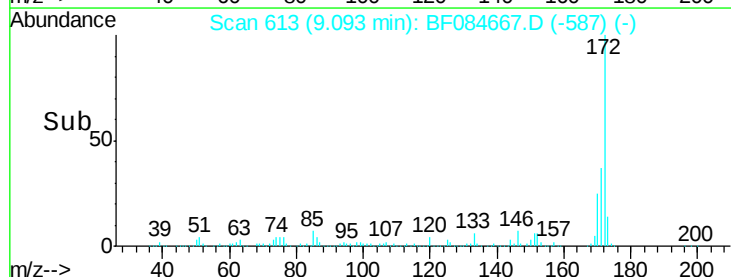
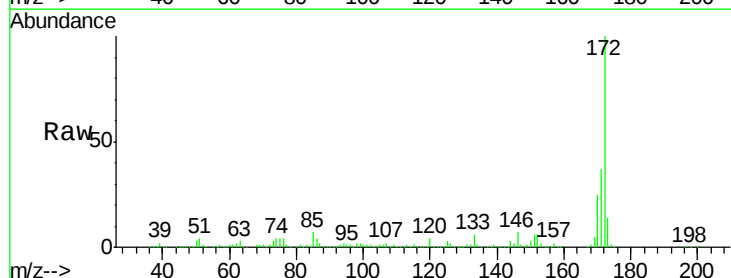
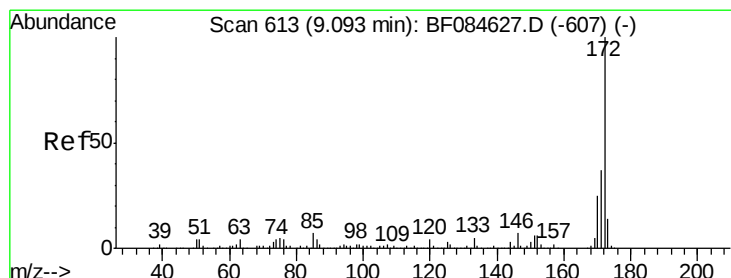
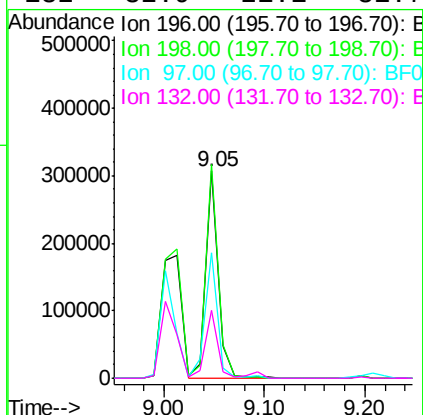
#43
2,4,5-Trichlorophenol
Concen: 40.29 ng
RT: 9.05 min Scan# 609
Delta R.T. -0.00 min
Lab File: BF084667.D
Acq: 30 Jan 2016 6:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	103.2	79.0	118.6	
97	60.7	33.0	49.6	
132	32.9	21.1	31.7	

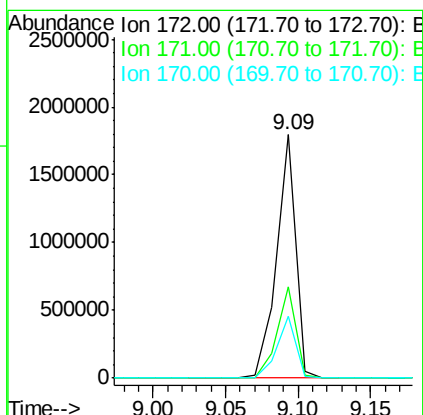
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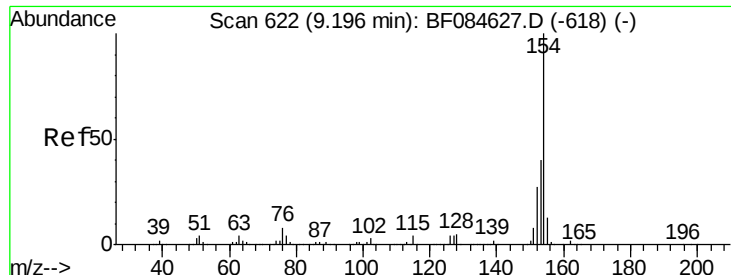
mohammad
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#44
2-Fluorobiphenyl
Concen: 77.71 ng
RT: 9.09 min Scan# 613
Delta R.T. -0.00 min
Lab File: BF084667.D
Acq: 30 Jan 2016 6:32

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	37.3	28.9	43.3	
170	25.4	18.6	27.8	





#45

1,1'-Biphenyl

Concen: 38.58 ng

RT: 9.20 min Scan# 622

Delta R.T. -0.00 min

Lab File: BF084667.D

Acq: 30 Jan 2016 6:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1108199

Ion Ratio Lower Upper

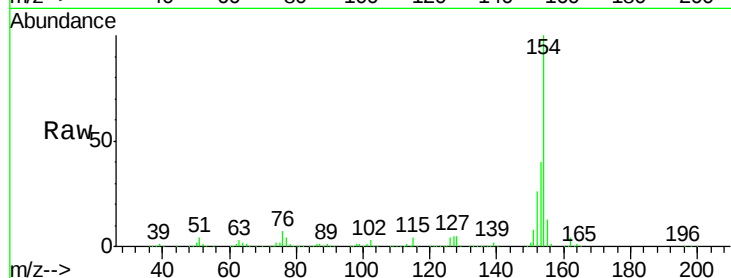
154 100

153 39.6 21.6 61.6

76 7.1 0.0 32.7

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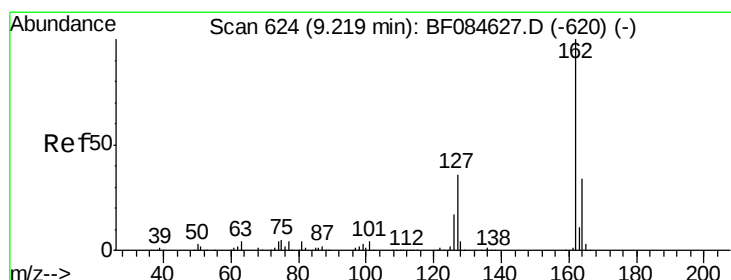
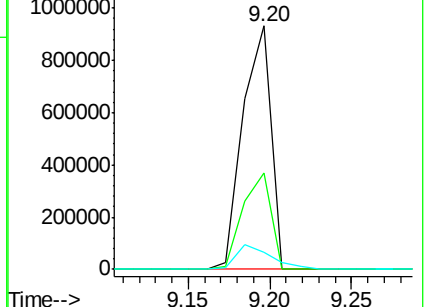
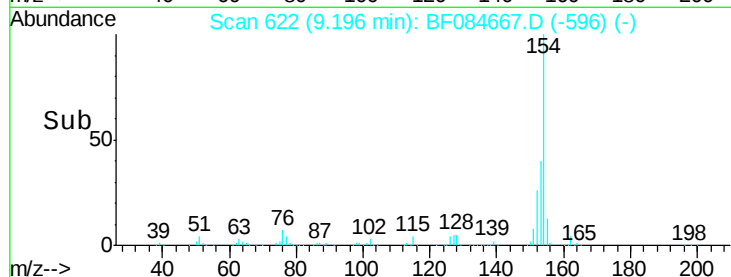
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 37.73 ng

RT: 9.21 min Scan# 623

Delta R.T. -0.01 min

Lab File: BF084667.D

Acq: 30 Jan 2016 6:32

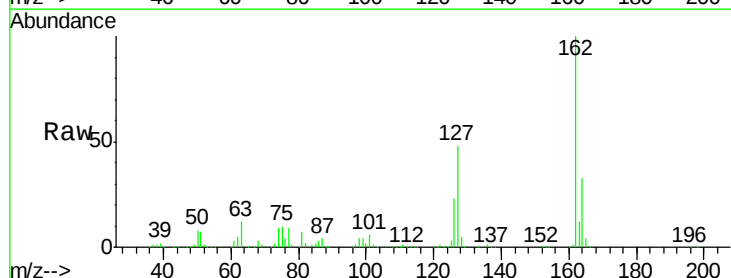
Tgt Ion:162 Resp: 790718

Ion Ratio Lower Upper

162 100

127 48.3 40.2 60.4

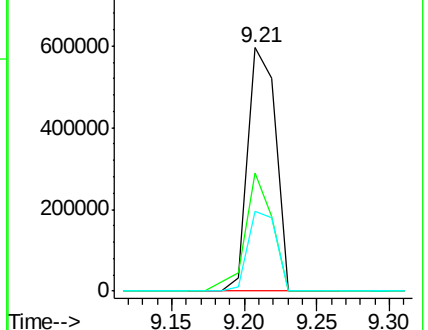
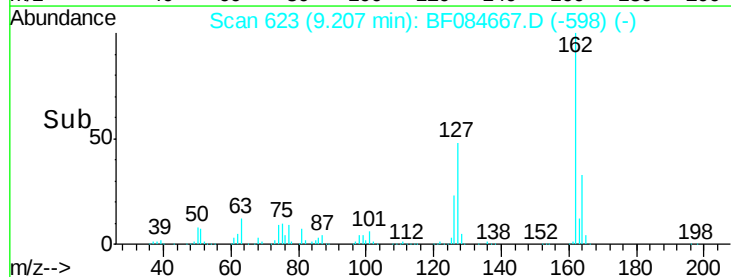
164 32.5 25.7 38.5

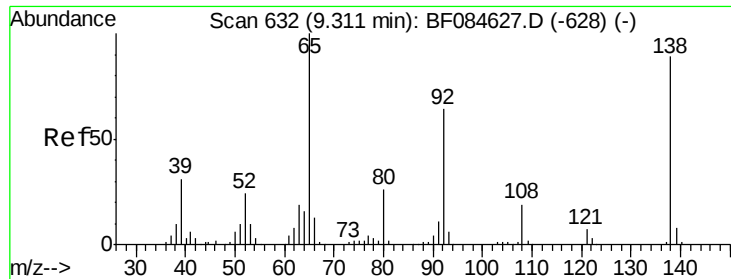


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





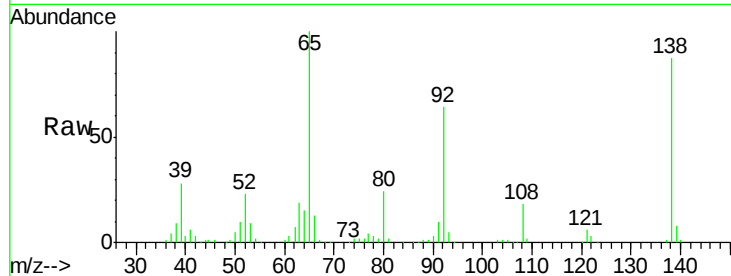
#47
2-Nitroaniline
Concen: 37.55 ng
RT: 9.31 min Scan# 632
Delta R.T. -0.00 min
Lab File: BF084667.D
Acq: 30 Jan 2016 6:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

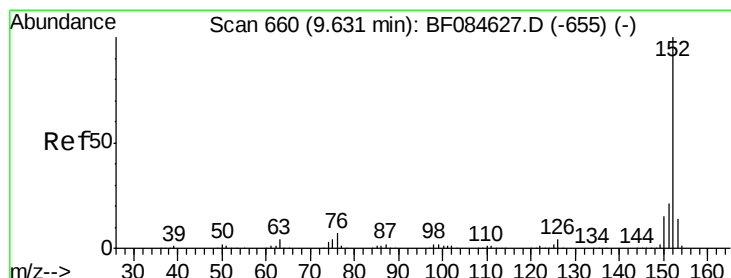
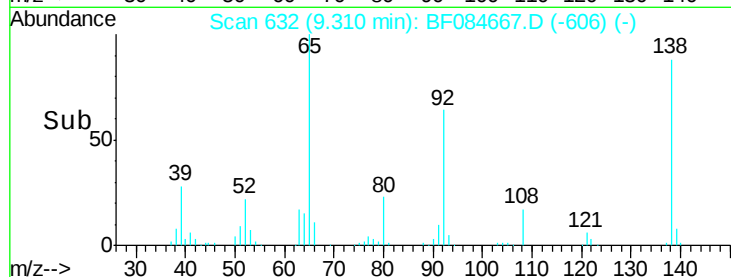
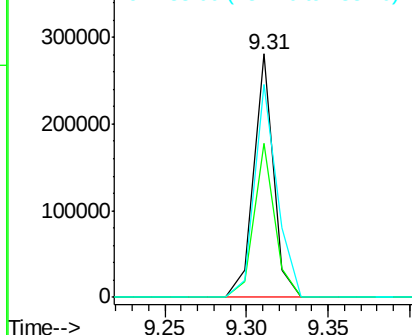
Tot Ion	Ratio	Lower	Upper
65	100		
92	63.5	53.4	80.2
138	87.4	71.1	106.7

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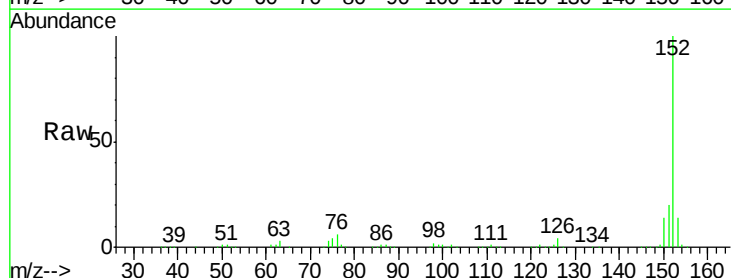


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

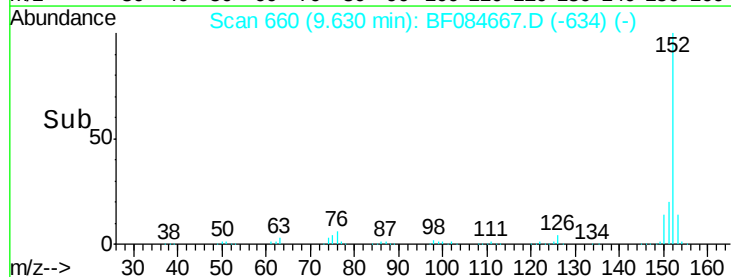
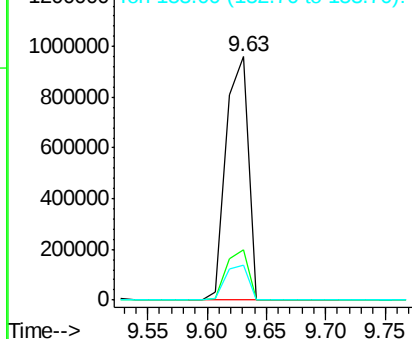


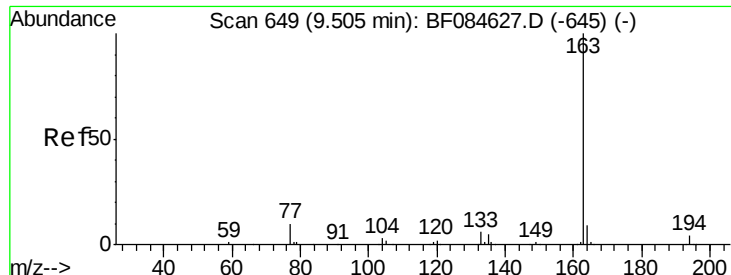
#48
Acenaphthylene
Concen: 39.04 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.00 min
Lab File: BF084667.D
Acq: 30 Jan 2016 6:32

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	14.1	10.4	15.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





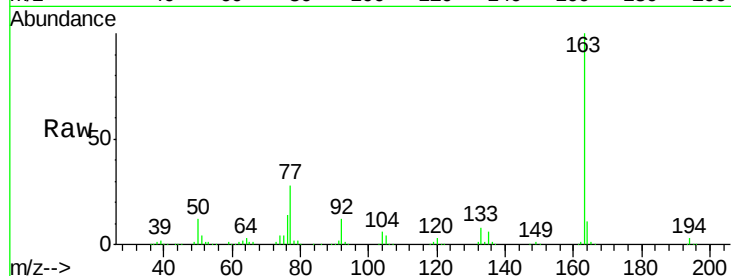
#49
Dimethylphthalate
Concen: 38.27 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.01 min
Lab File: BF084667.D
Acq: 30 Jan 2016 6:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

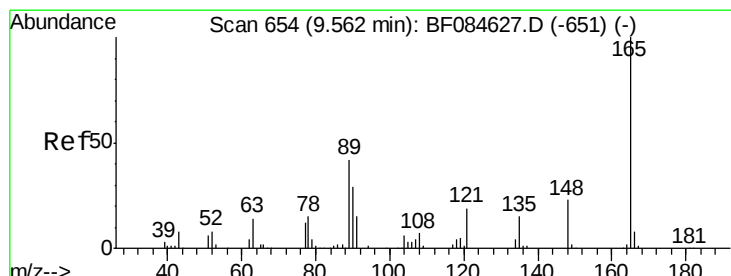
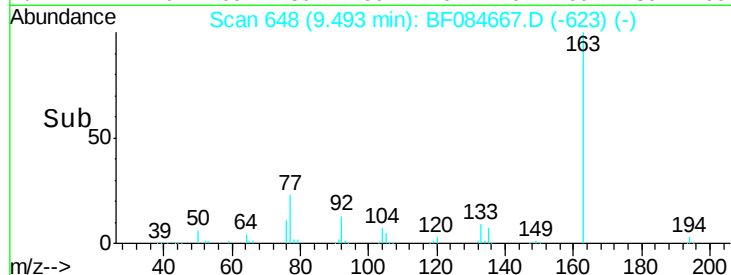
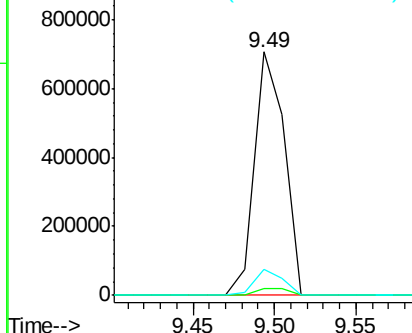
Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.0	8.0	12.0#
164	10.7	8.0	12.0

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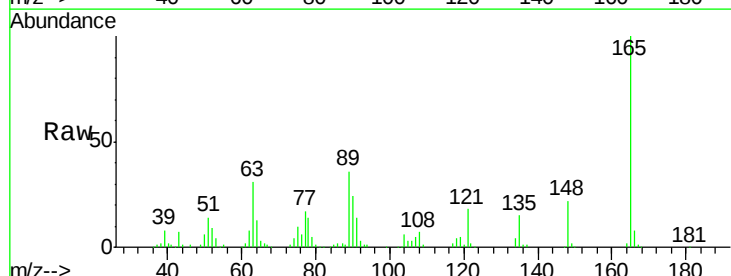


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

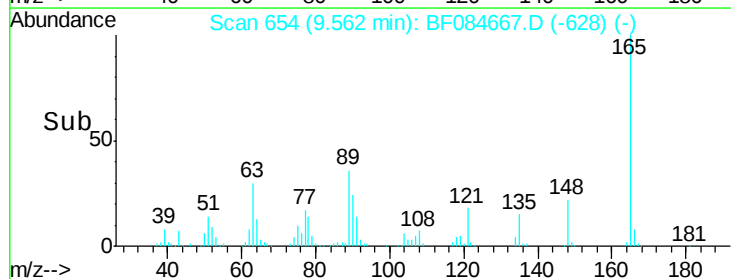
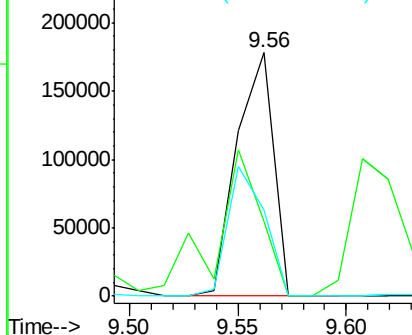


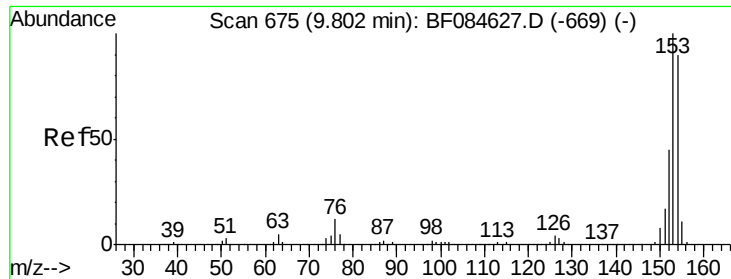
#50
2,6-Dinitrotoluene
Concen: 40.15 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.00 min
Lab File: BF084667.D
Acq: 30 Jan 2016 6:32

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	30.6	28.8	43.2
89	35.6	35.1	52.7



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





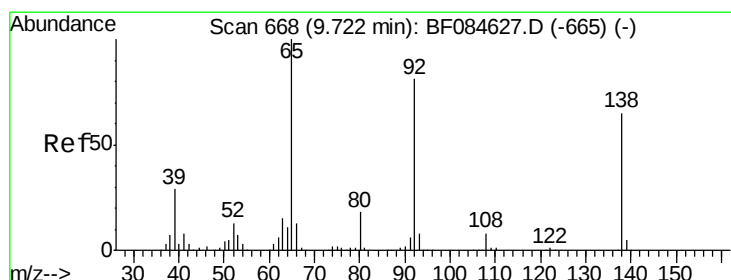
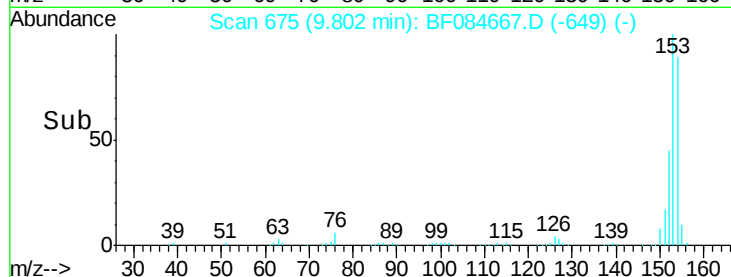
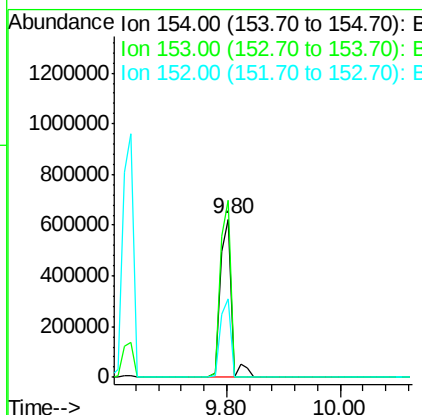
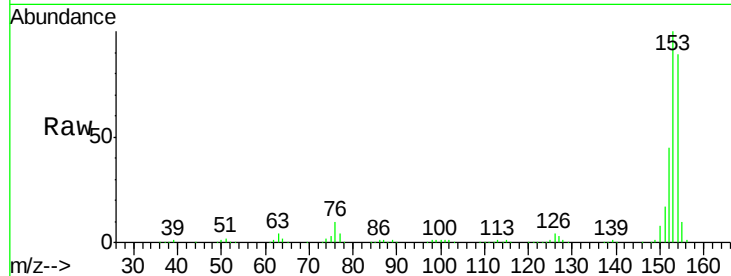
#51
Acenaphthene
Concen: 40.10 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.00 min
Lab File: BF084667.D
Acq: 30 Jan 2016 6:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	111.9	91.5	137.3
152	50.0	43.0	64.6

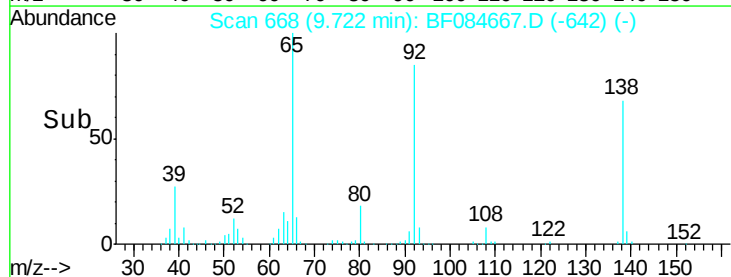
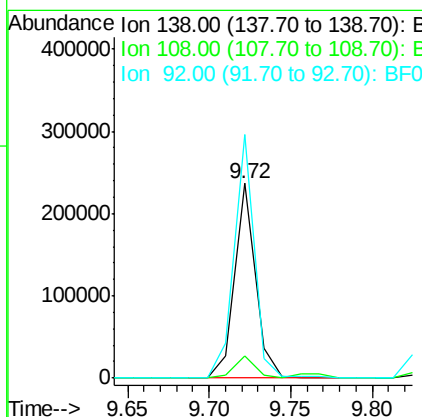
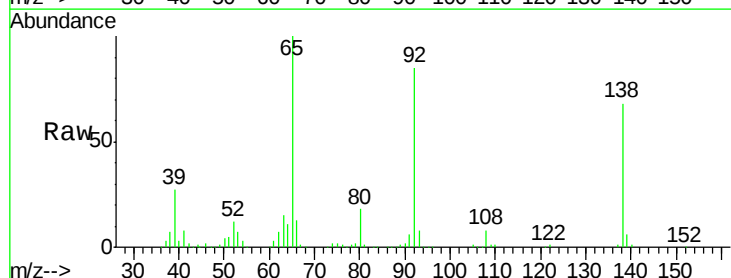
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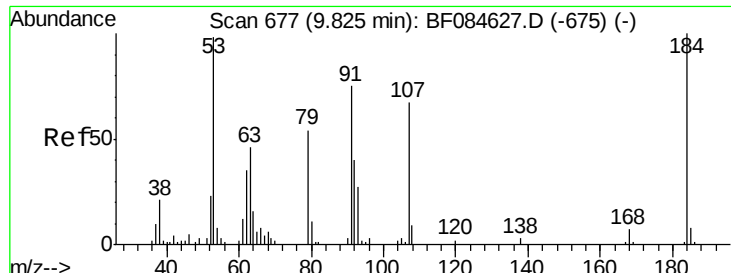
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#52
3-Nitroaniline
Concen: 38.53 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.00 min
Lab File: BF084667.D
Acq: 30 Jan 2016 6:32

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.1	10.5	15.7
92	125.0	103.9	155.9





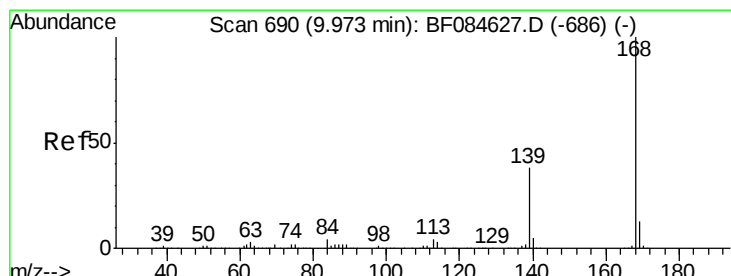
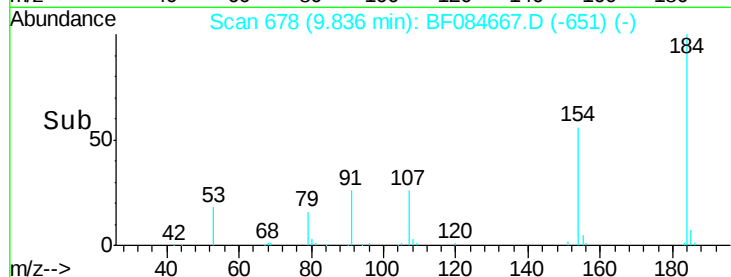
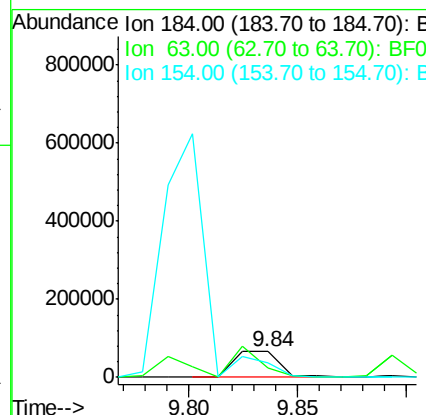
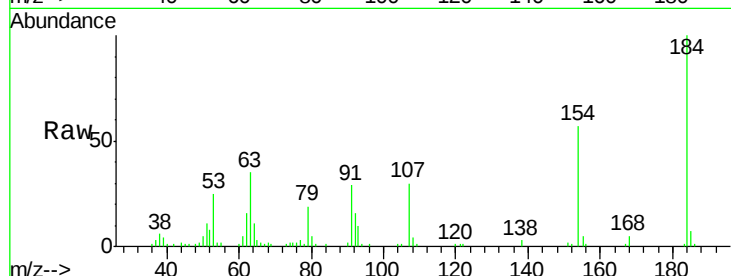
#53
 2,4-Dinitrophenol
 Concen: 37.88 ng
 RT: 9.84 min Scan# 678
 Delta R.T. 0.01 min
 Lab File: BF084667.D
 Acq: 30 Jan 2016 6:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	35.4	43.1	64.7#	
154	56.9	60.5	90.7#	

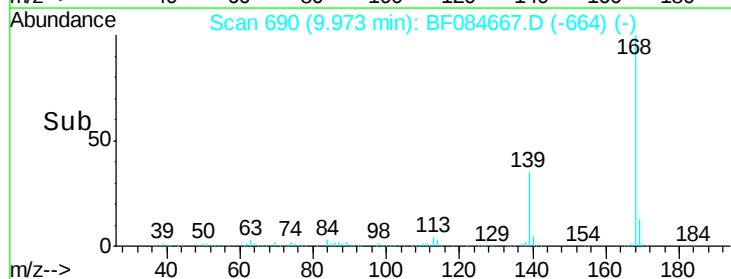
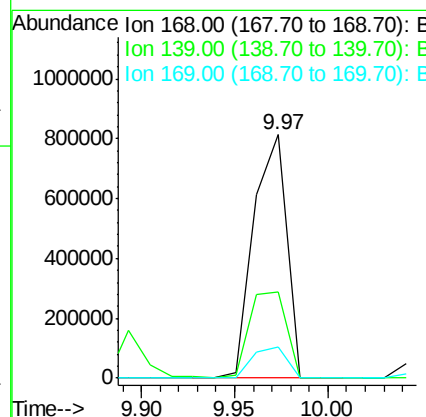
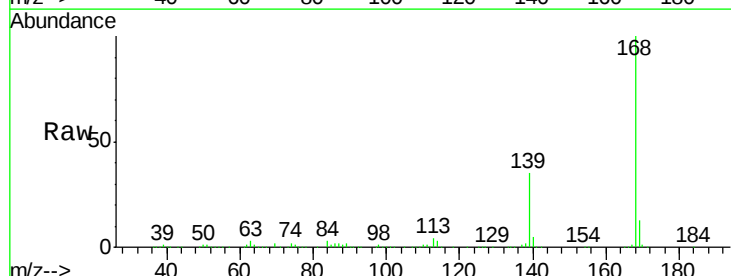
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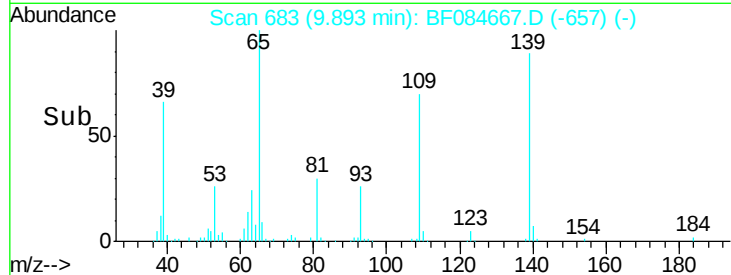
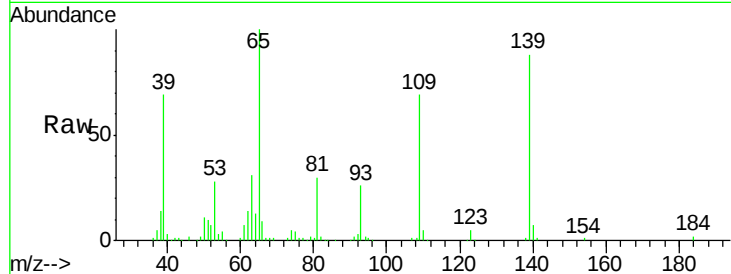
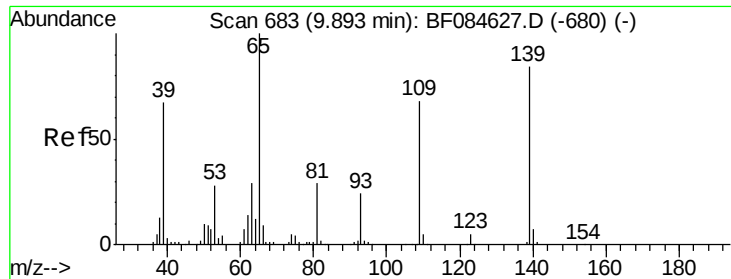
mohammad
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#54
 Dibenzofuran
 Concen: 39.07 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: BF084667.D
 Acq: 30 Jan 2016 6:32

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	35.2	30.5	45.7	
169	13.0	10.4	15.6	





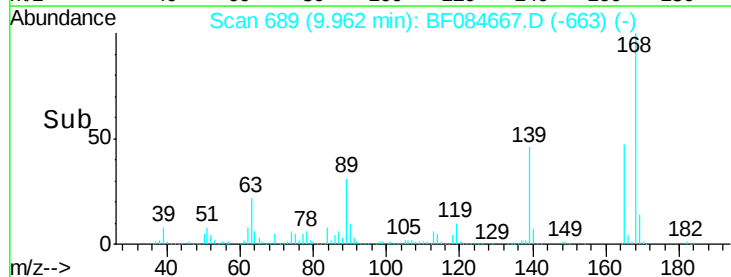
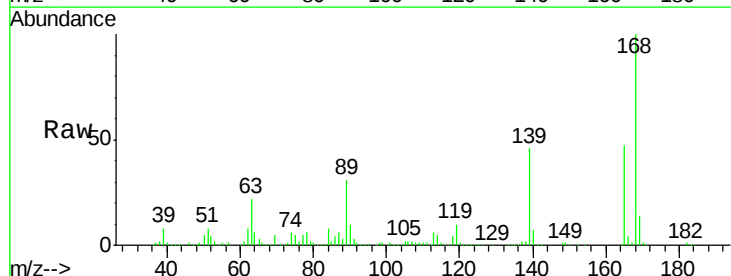
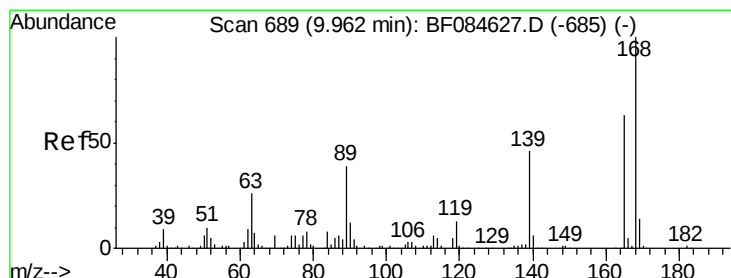
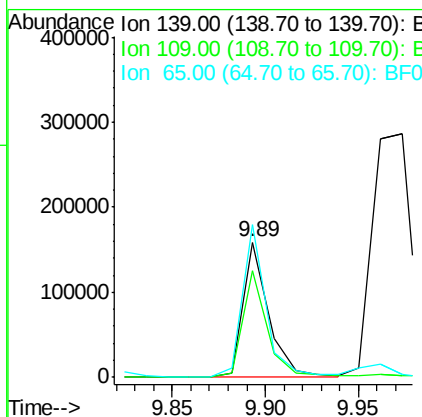
#55
4-Nitrophenol
Concen: 38.62 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF084667.D
Acq: 30 Jan 2016 6:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
139	100	153404		
109	78.4	58.5	98.5	
65	113.0	57.6	97.6	

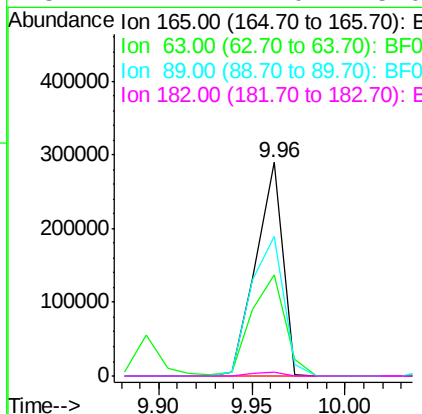
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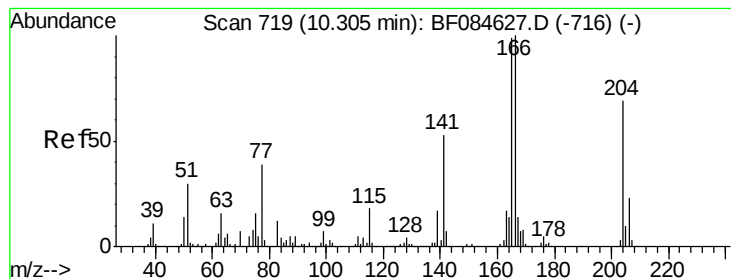
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#56
2,4-Dinitrotoluene
Concen: 43.59 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF084667.D
Acq: 30 Jan 2016 6:32

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	293054		
63	47.4	36.7	55.1	
89	65.2	61.9	92.9	
182	2.1	2.0	3.0	





#57

Fluorene

Concen: 37.31 ng

RT: 10.30 min Scan# 719

Delta R.T. -0.00 min

Lab File: BF084667.D

Acq: 30 Jan 2016 6:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:166 Resp: 802593

Ion Ratio Lower Upper

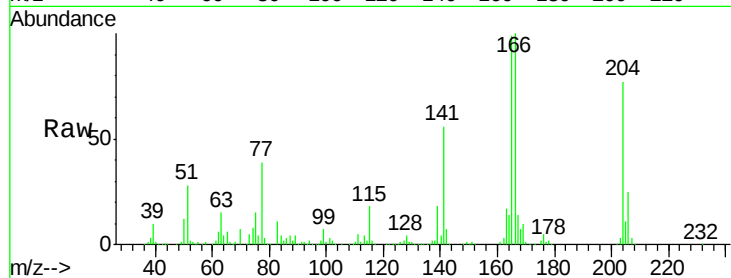
166 100

165 99.3 79.1 118.7

167 14.3 10.4 15.6

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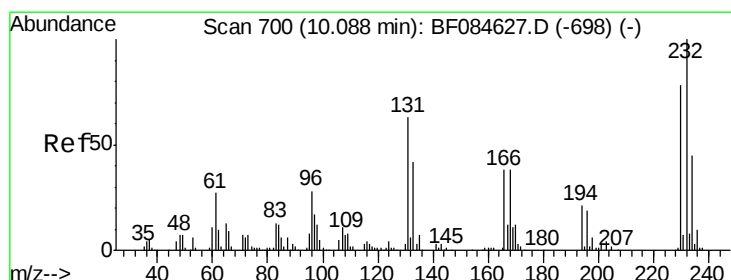
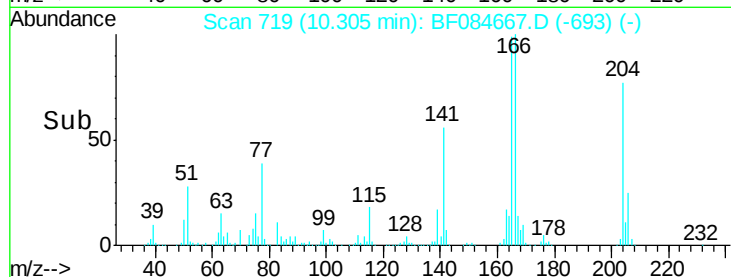
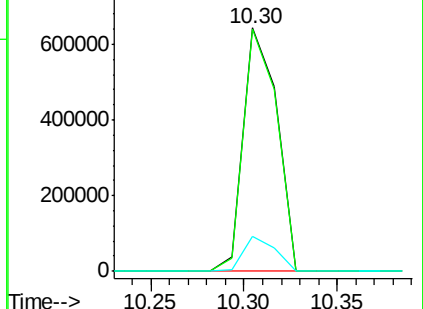
mohammad
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.05 ng

RT: 10.09 min Scan# 700

Delta R.T. -0.00 min

Lab File: BF084667.D

Acq: 30 Jan 2016 6:32

Tgt Ion:232 Resp: 202332

Ion Ratio Lower Upper

232 100

131 52.5 47.0 70.6

130 2.7 2.0 3.0

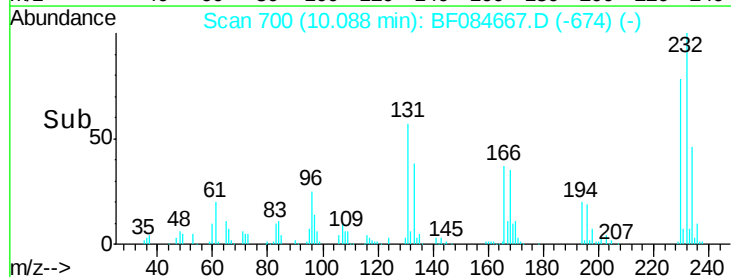
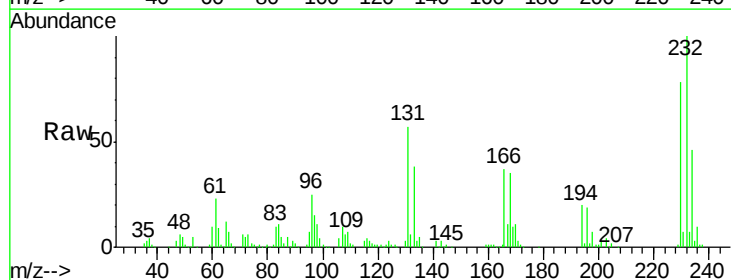
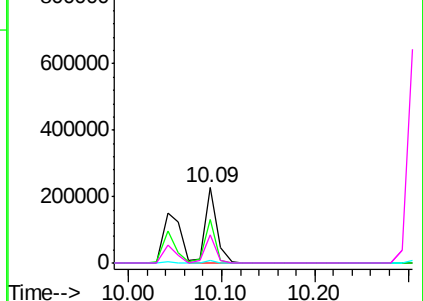
166 34.3 30.5 45.7

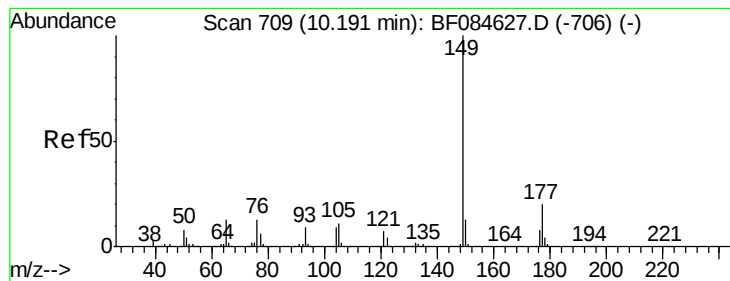
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 39.30 ng

RT: 10.19 min Scan# 709

Delta R.T. -0.00 min

Lab File: BF084667.D

Acq: 30 Jan 2016 6:32

Instrument :

BNA_F

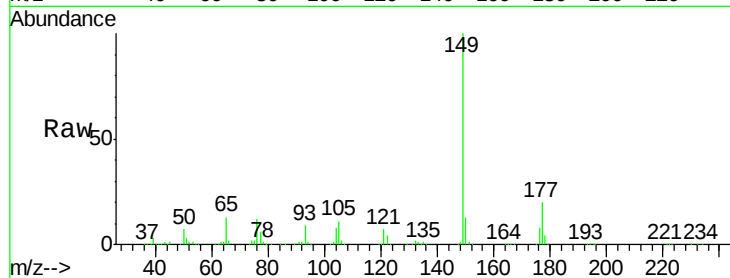
ClientSampleId :

SSTDCCC040

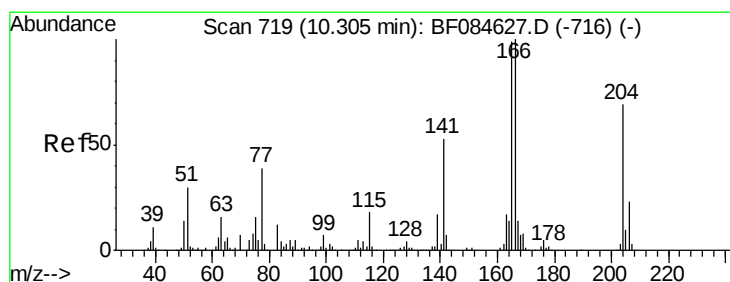
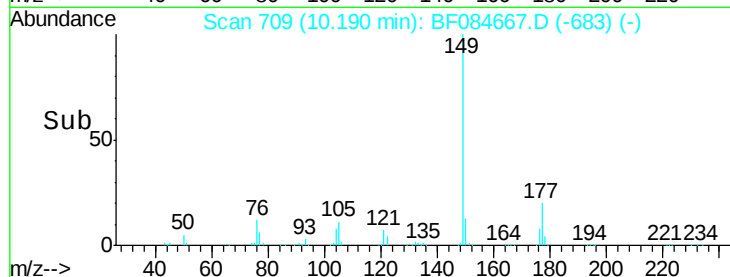
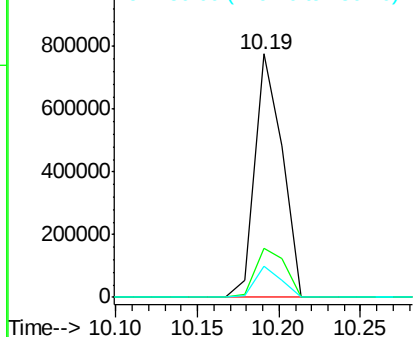
Tot Ion:	149	Resp:	904975
Ion Ratio	Lower	Upper	
149	100		
177	20.4	17.3	25.9
150	12.6	9.8	14.8

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 41.03 ng

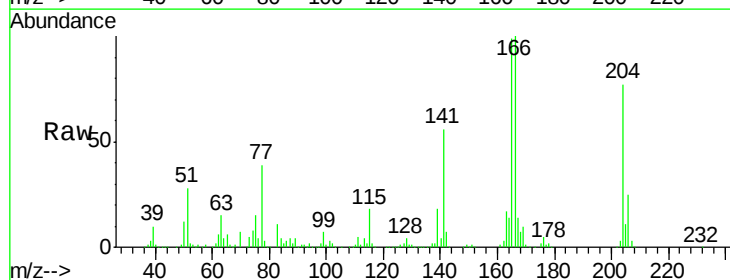
RT: 10.30 min Scan# 719

Delta R.T. 0.00 min

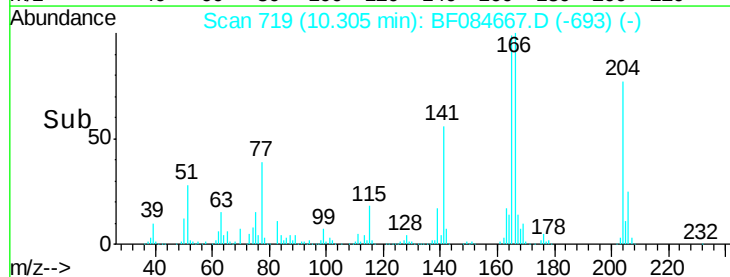
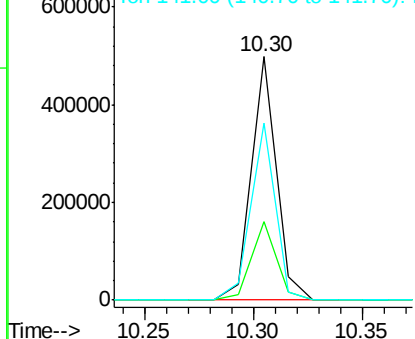
Lab File: BF084667.D

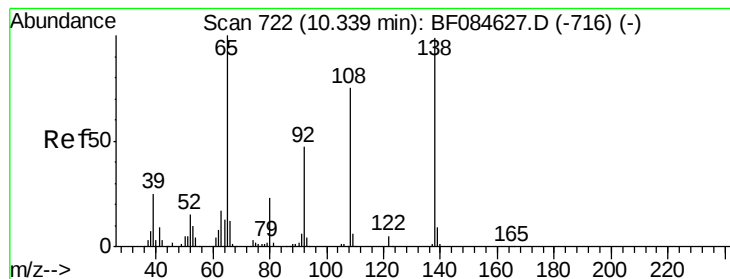
Acq: 30 Jan 2016 6:32

Tgt Ion:	204	Resp:	396200
Ion Ratio	Lower	Upper	
204	100		
206	32.1	25.7	38.5
141	72.5	55.1	82.7



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





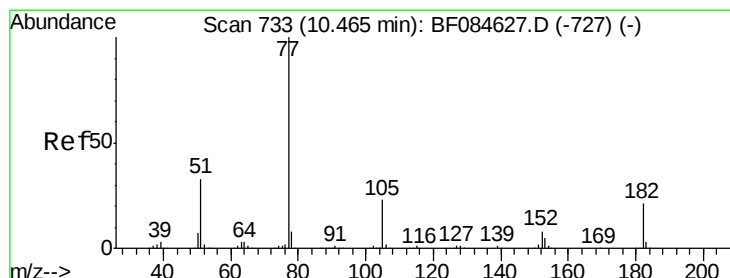
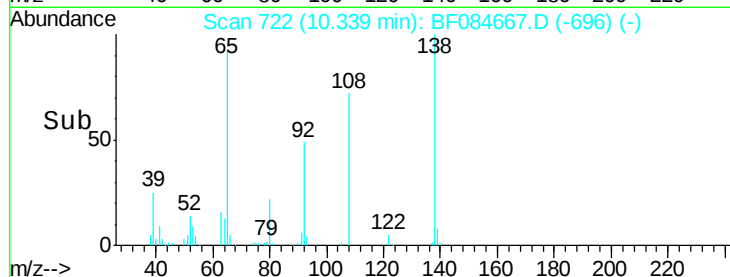
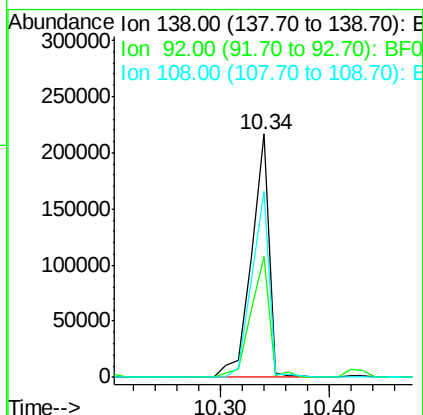
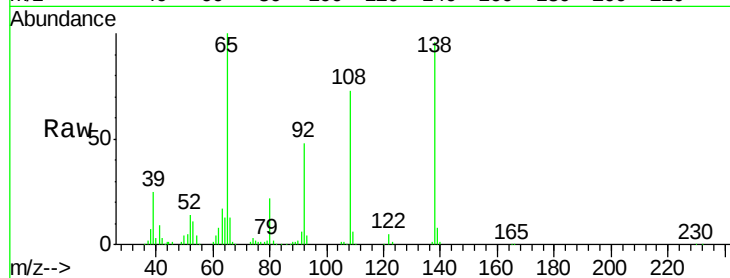
#61
4-Nitroaniline
Concen: 47.81 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.00 min
Lab File: BF084667.D
Acq: 30 Jan 2016 6:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.4	32.6	72.6
108	76.2	68.6	108.6

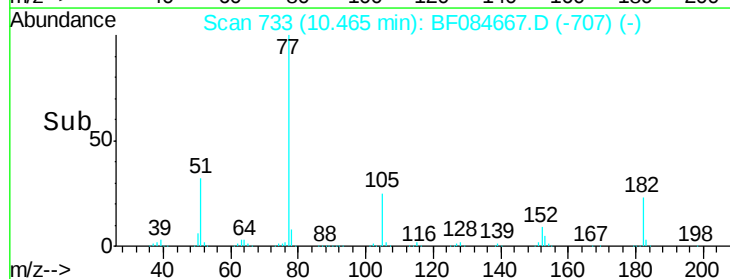
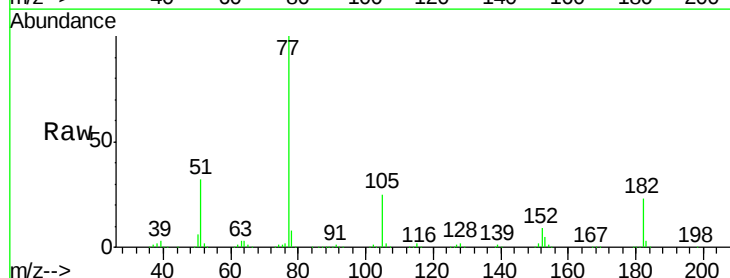
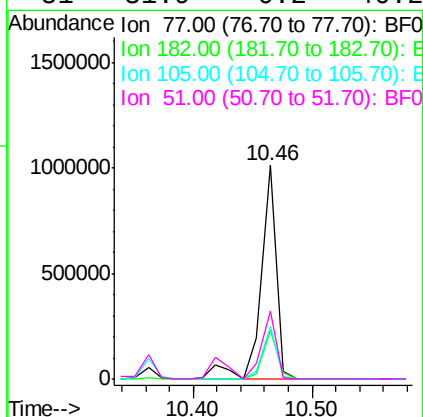
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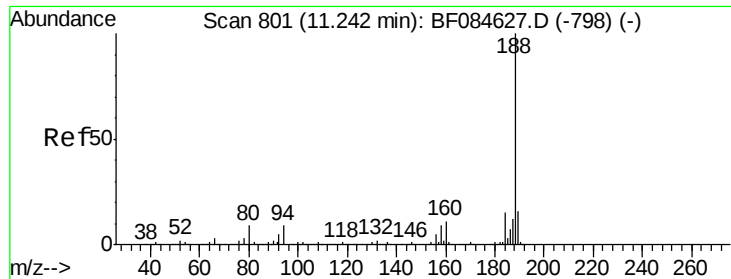
mohammad
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#62
Azobenzene
Concen: 42.48 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.00 min
Lab File: BF084667.D
Acq: 30 Jan 2016 6:32

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.0	8.3	48.3
105	24.5	4.6	44.6
51	31.9	6.2	46.2





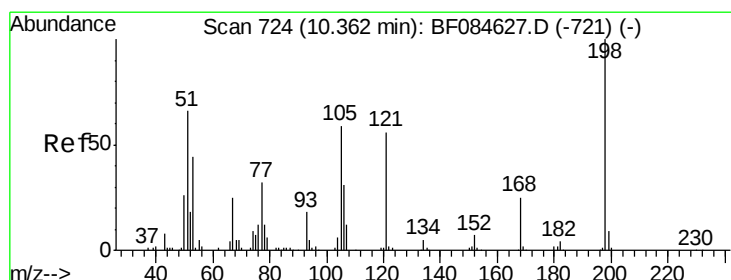
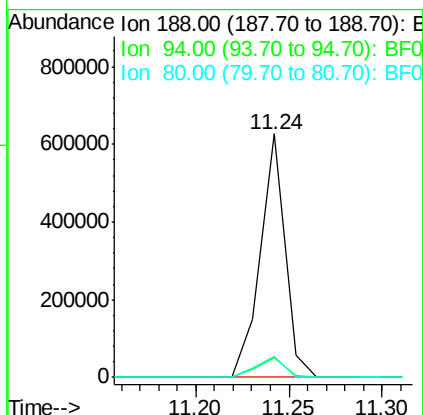
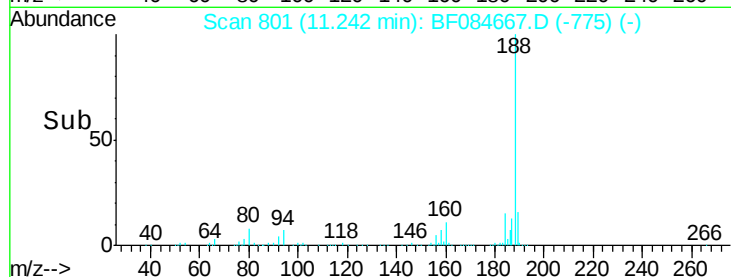
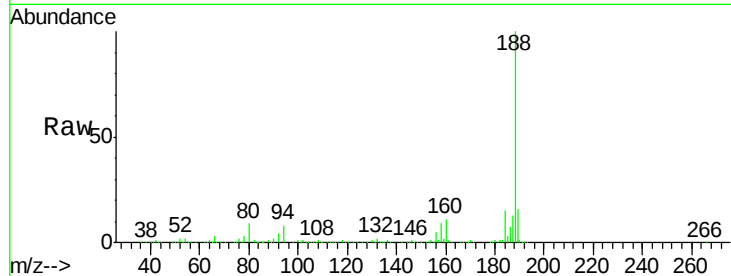
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF084667.D
Acq: 30 Jan 2016 6:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.2	9.0	13.4#
80	8.6	9.6	14.4#

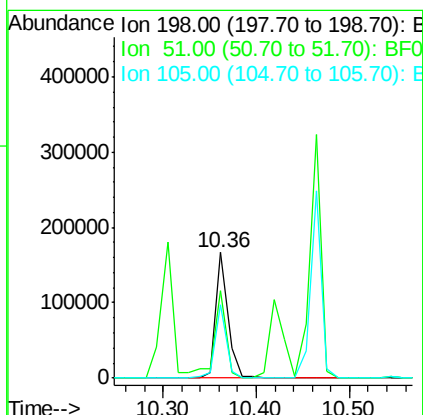
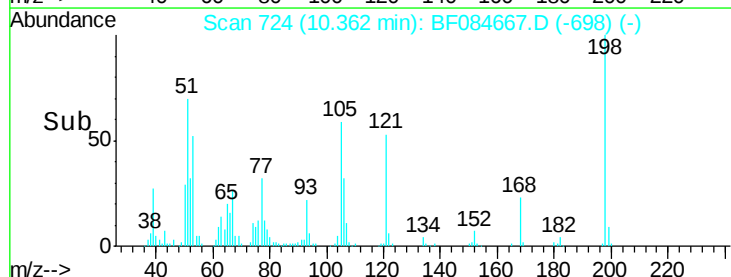
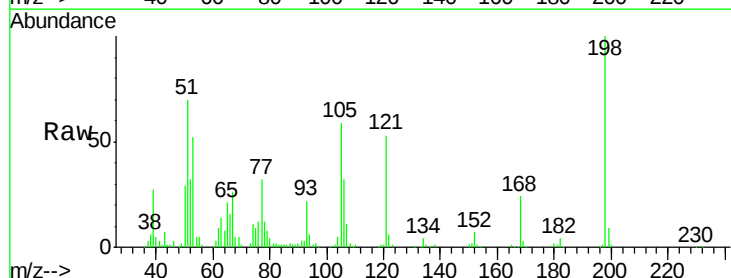
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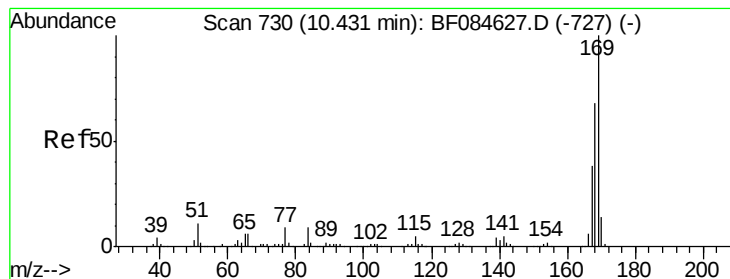
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#64
4,6-Dinitro-2-methylphenol
Concen: 40.45 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF084667.D
Acq: 30 Jan 2016 6:32

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	70.0	18.9	58.9#
105	58.9	26.4	66.4





#65

n-Nitrosodiphenylamine

Concen: 39.98 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF084667.D

Acq: 30 Jan 2016 6:32

Instrument :

BNA_F

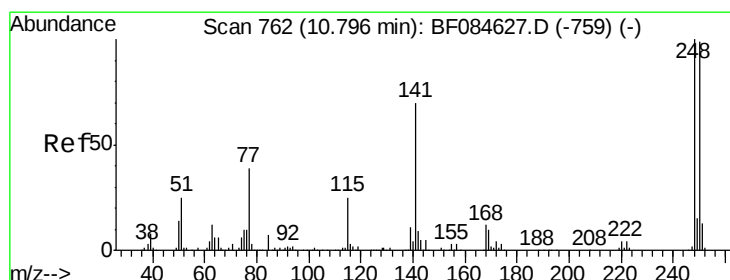
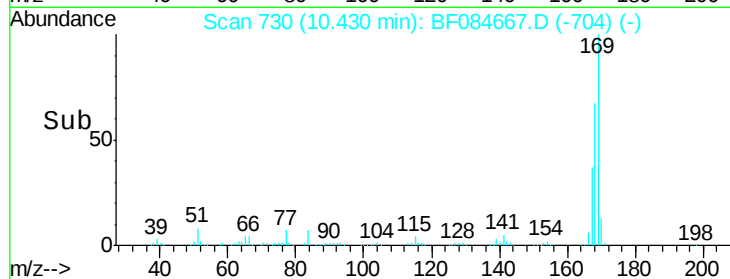
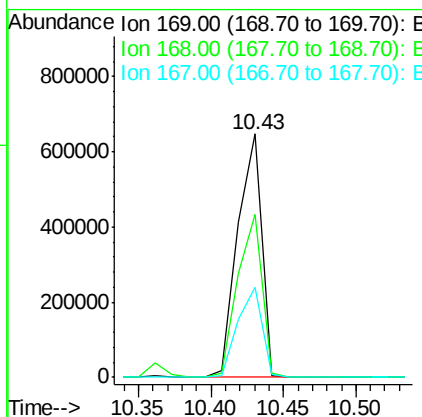
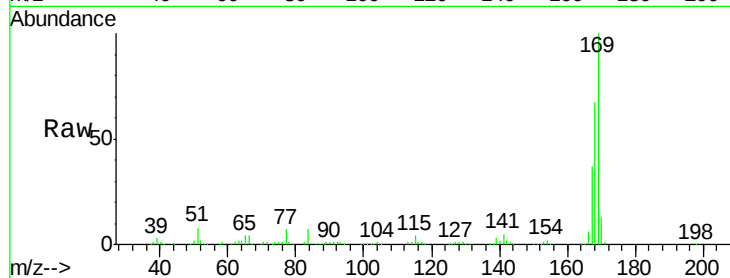
ClientSampleId :

SSTDCCC040

Tot Ion:	169	Resp:	742534
Ion Ratio	Lower	Upper	
169	100		
168	67.2	55.1	82.7
167	36.9	30.0	45.0

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#66

4-Bromophenyl-phenylether

Concen: 42.39 ng

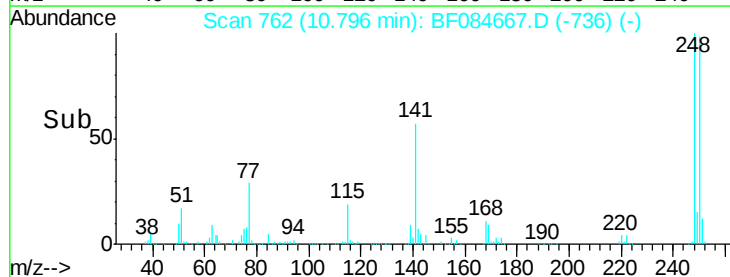
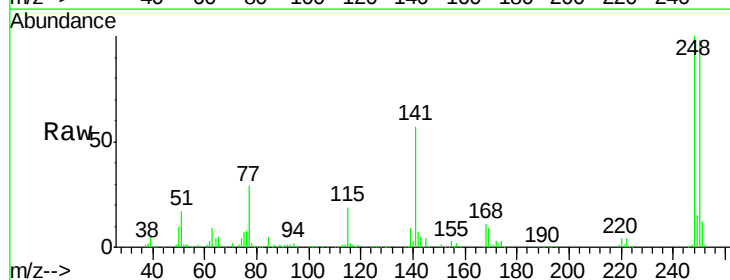
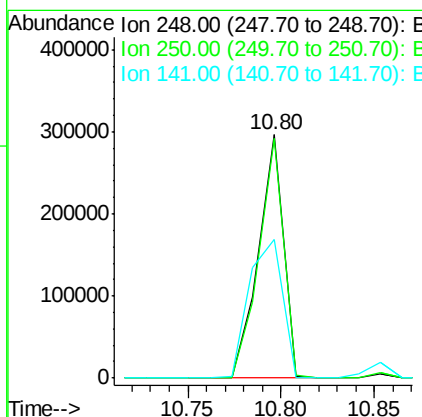
RT: 10.80 min Scan# 762

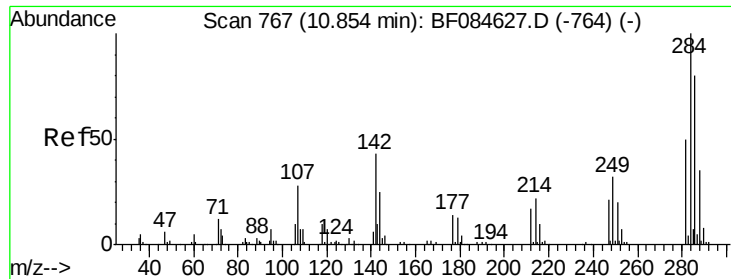
Delta R.T. -0.00 min

Lab File: BF084667.D

Acq: 30 Jan 2016 6:32

Tgt Ion:	248	Resp:	273425
Ion Ratio	Lower	Upper	
248	100		
250	98.4	78.4	117.6
141	56.7	44.0	66.0





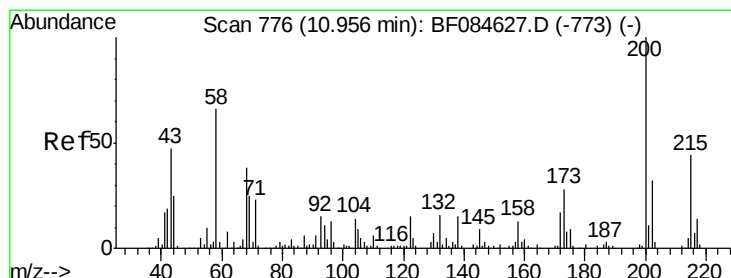
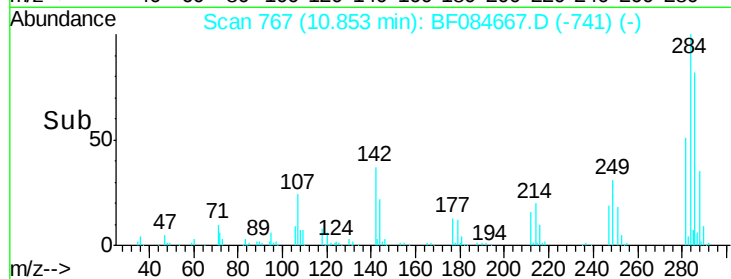
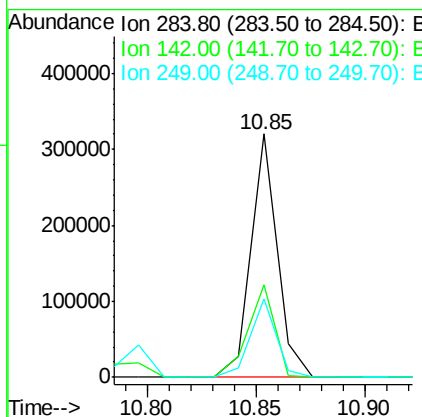
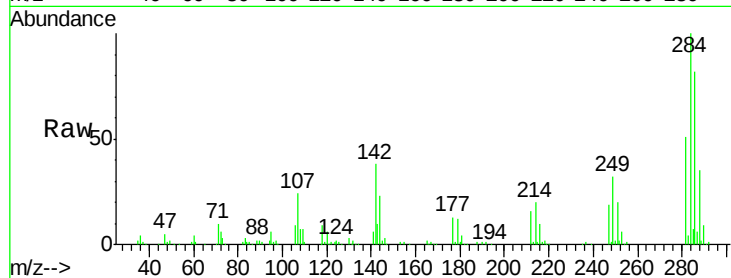
#67
Hexachlorobenzene
Concen: 38.40 ng
RT: 10.85 min Scan# 767
Delta R.T. -0.00 min
Lab File: BF084667.D
Acq: 30 Jan 2016 6:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100	269456		
142	37.9	22.2	33.4#	
249	32.1	24.6	37.0	

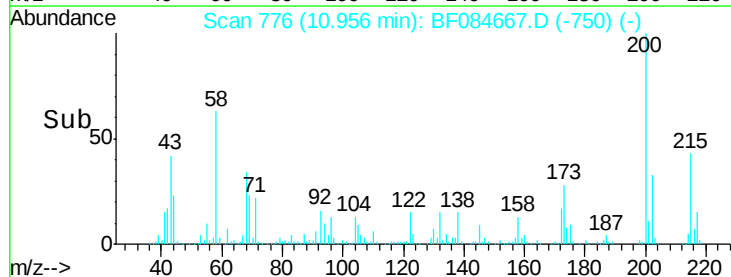
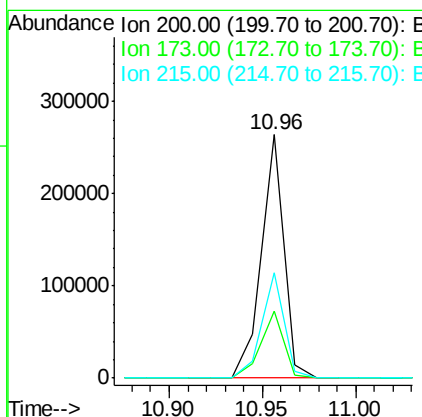
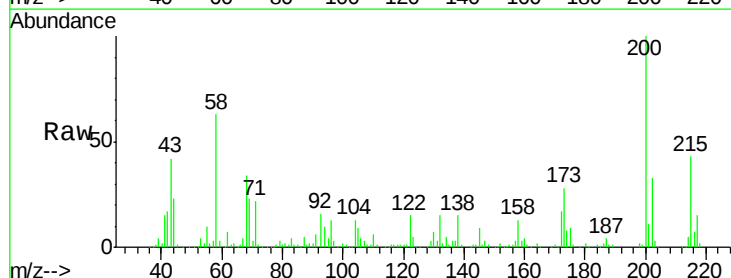
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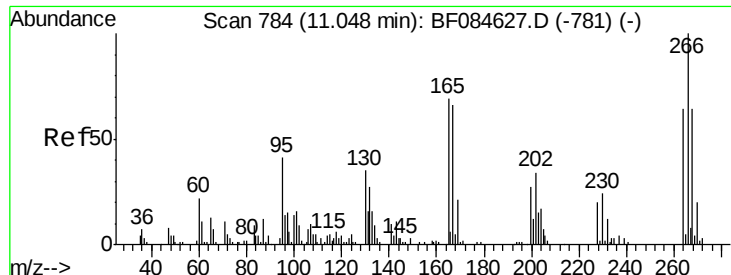
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#68
Atrazine
Concen: 40.22 ng
RT: 10.96 min Scan# 776
Delta R.T. -0.00 min
Lab File: BF084667.D
Acq: 30 Jan 2016 6:32

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	223789		
173	27.6	9.5	49.5	
215	43.4	23.8	63.8	





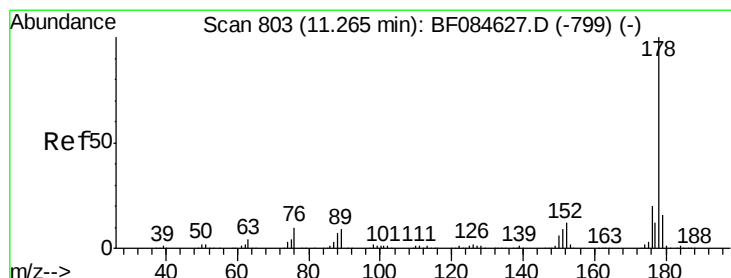
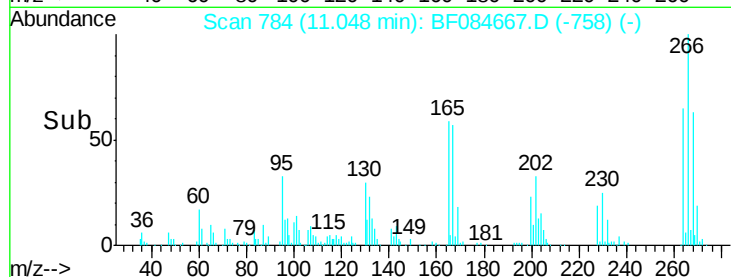
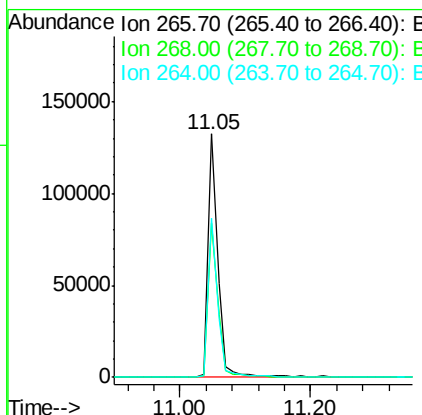
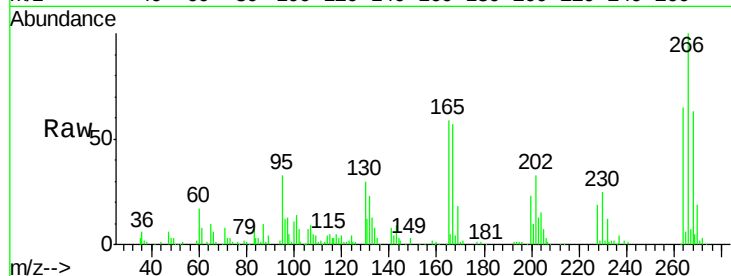
#69
 Pentachlorophenol
 Concen: 41.53 ng
 RT: 11.05 min Scan# 784
 Delta R.T. -0.00 min
 Lab File: BF084667.D
 Acq: 30 Jan 2016 6:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.2	52.4	78.6
264	65.1	50.2	75.2

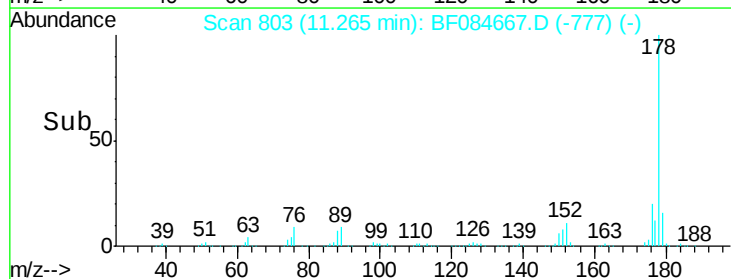
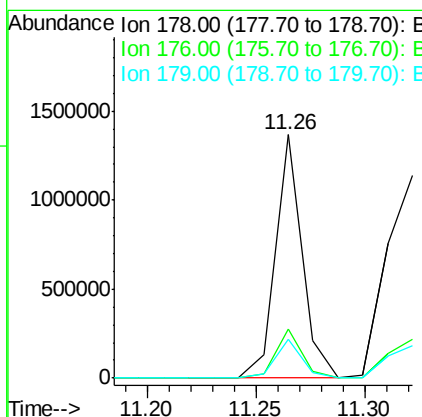
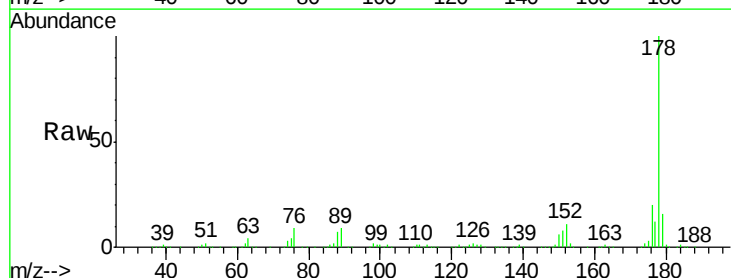
Manual Integrations
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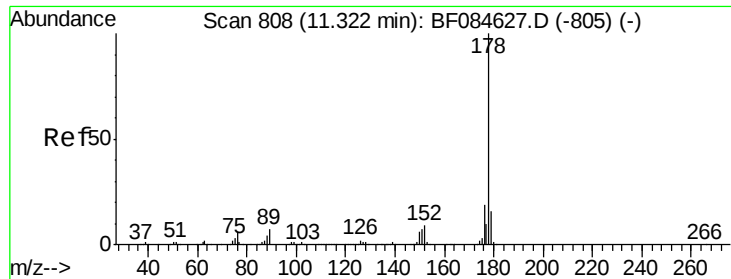
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#70
 Phenanthrene
 Concen: 37.22 ng
 RT: 11.26 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF084667.D
 Acq: 30 Jan 2016 6:32

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.3	22.9
179	15.9	12.0	18.0





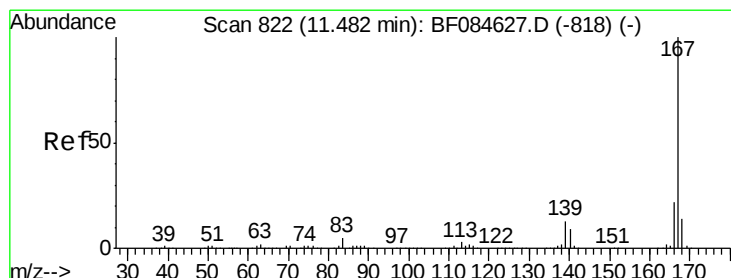
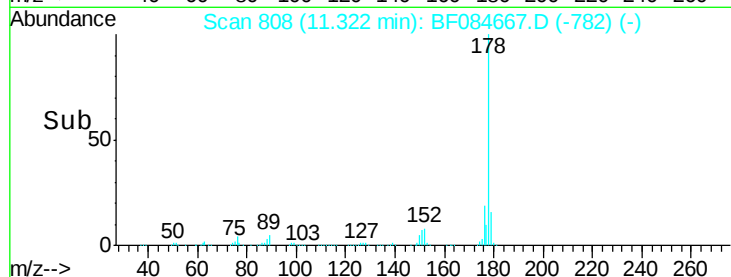
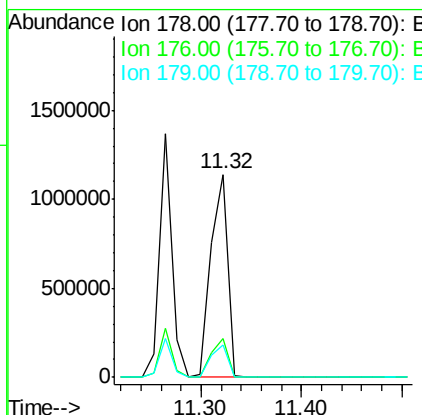
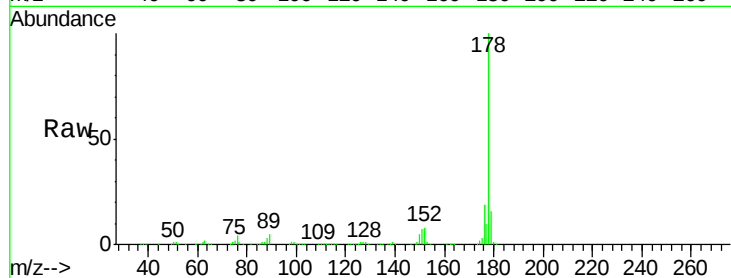
#71
 Anthracene
 Concen: 41.21 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF084667.D
 Acq: 30 Jan 2016 6:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1326839
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.0
 179 15.8 12.5 18.7

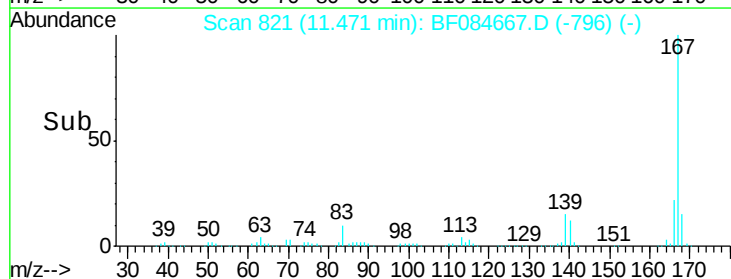
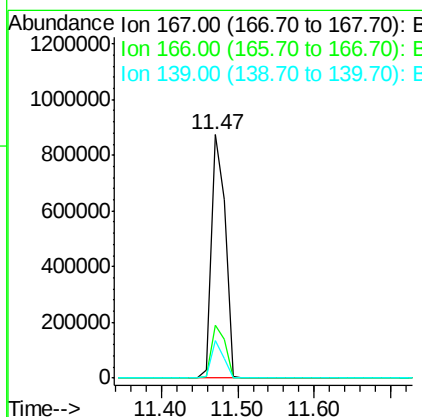
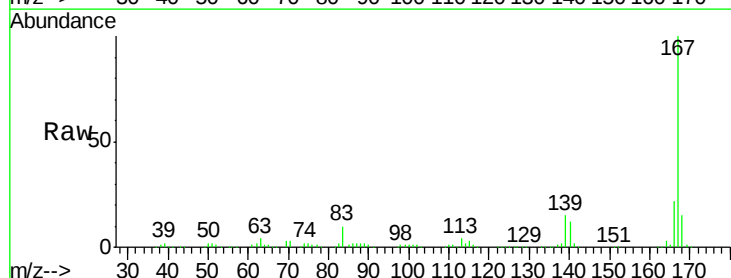
Manual Integrations
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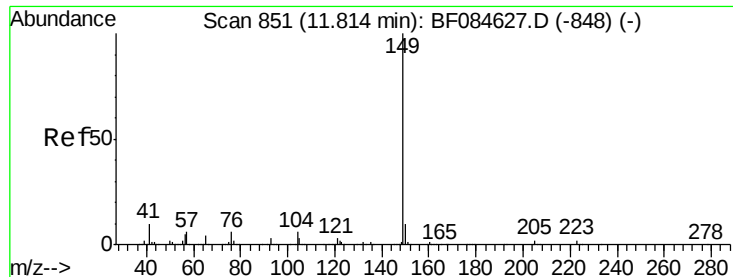
mohammad
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#72
 Carbazole
 Concen: 38.49 ng
 RT: 11.47 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF084667.D
 Acq: 30 Jan 2016 6:32

Tgt Ion:167 Resp: 1068038
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.6 26.4
 139 15.3 11.8 17.8





#73

Di-n-butylphthalate

Concen: 39.84 ng

RT: 11.81 min Scan# 851

Delta R.T. -0.00 min

Lab File: BF084667.D

Acq: 30 Jan 2016 6:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1344635

Ion Ratio Lower Upper

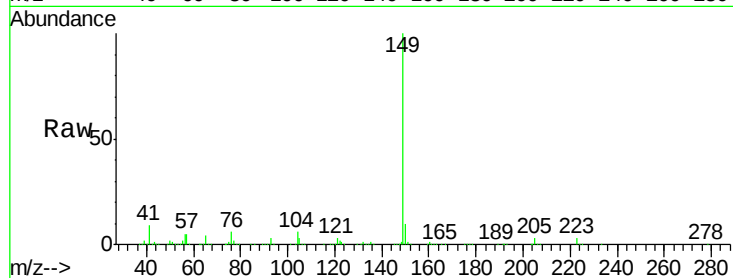
149 100

150 10.0 7.1 10.7

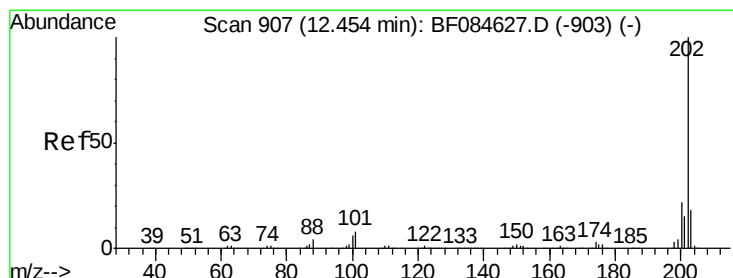
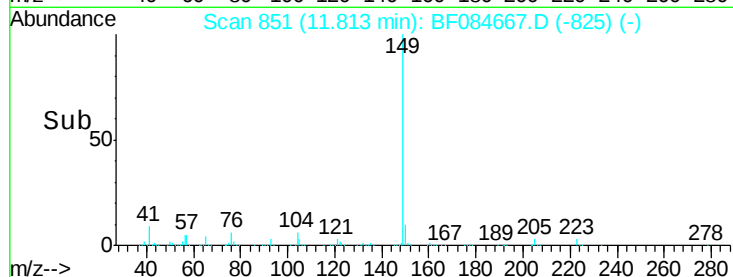
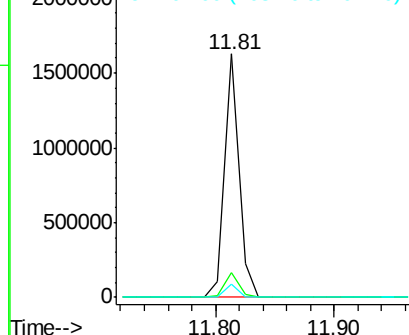
104 5.7 3.2 4.8#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.93 ng

RT: 12.45 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF084667.D

Acq: 30 Jan 2016 6:32

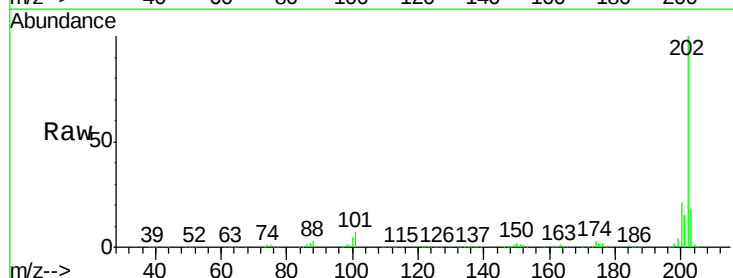
Tgt Ion:202 Resp: 1281681

Ion Ratio Lower Upper

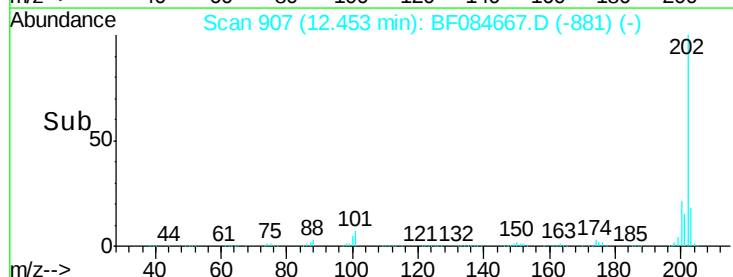
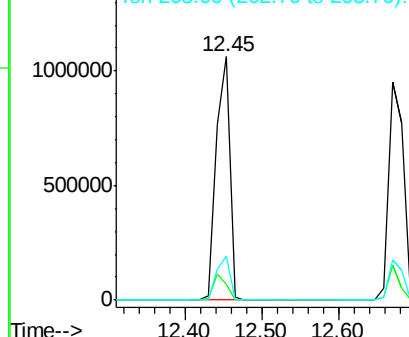
202 100

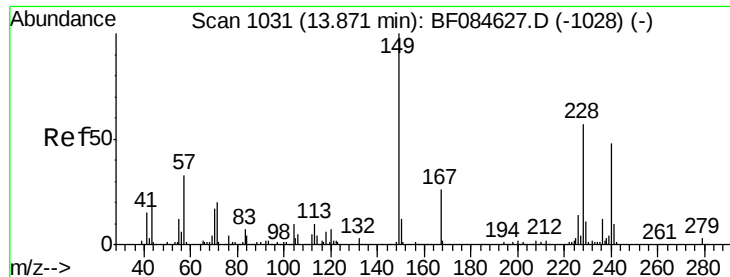
101 6.7 0.0 32.8

203 17.8 0.0 37.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF084667.D

Acq: 30 Jan 2016 6:32

Instrument :

BNA_F

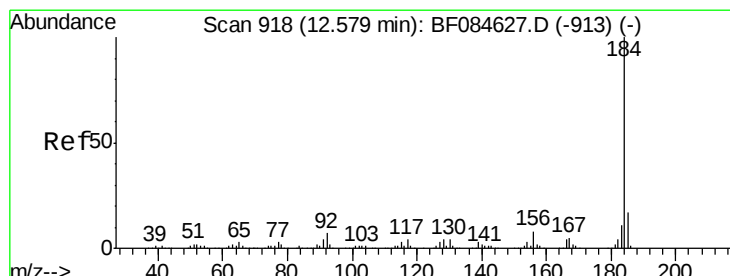
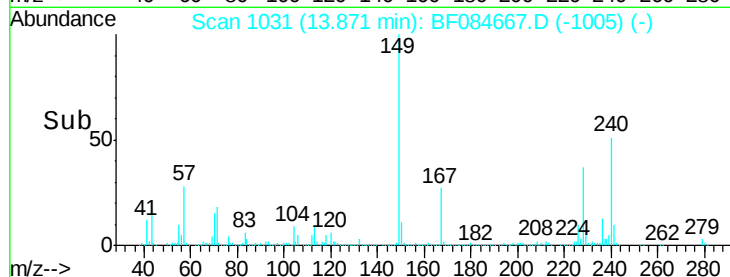
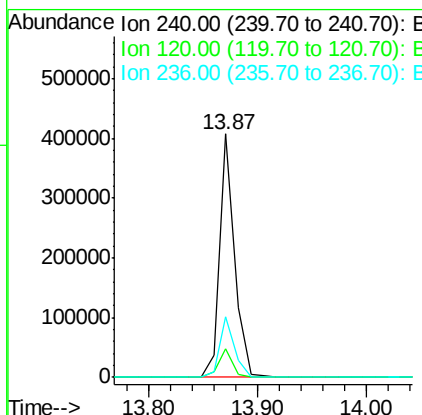
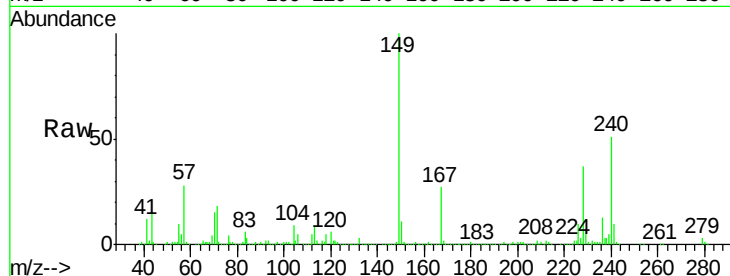
ClientSampleId :

SSTDCCC040

Tot Ion:	240	Resp:	391058
Ion Ratio	Lower	Upper	
240	100		
120	11.8	9.5	14.3
236	25.0	20.6	31.0

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#76

Benzidine

Concen: 28.87 ng

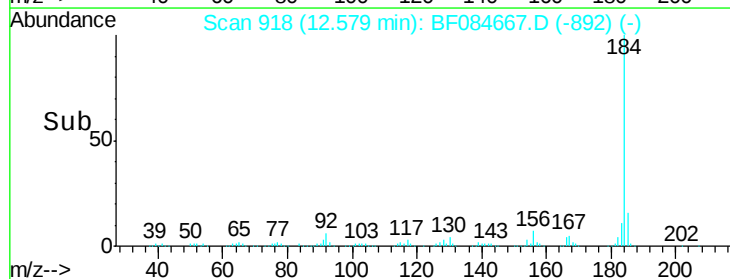
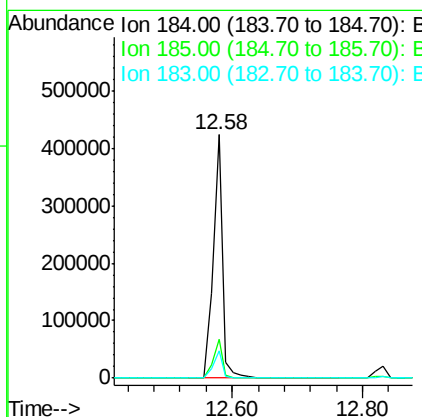
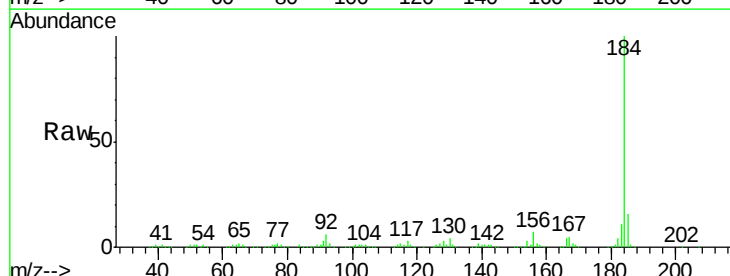
RT: 12.58 min Scan# 918

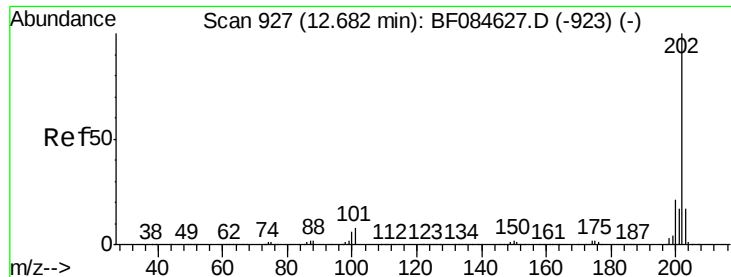
Delta R.T. -0.00 min

Lab File: BF084667.D

Acq: 30 Jan 2016 6:32

Tgt Ion:	184	Resp:	429395
Ion Ratio	Lower	Upper	
184	100		
185	15.8	12.2	18.2
183	11.4	9.8	14.8





#77

Pvrene

Concen: 41.73 ng

RT: 12.67 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF084667.D

Acq: 30 Jan 2016 6:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:202 Resp: 1230826

Ion Ratio Lower Upper

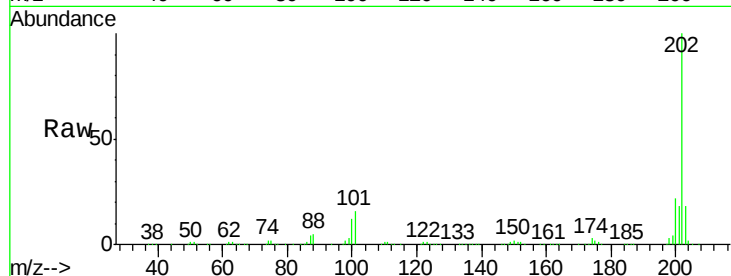
202 100

200 21.8 17.2 25.8

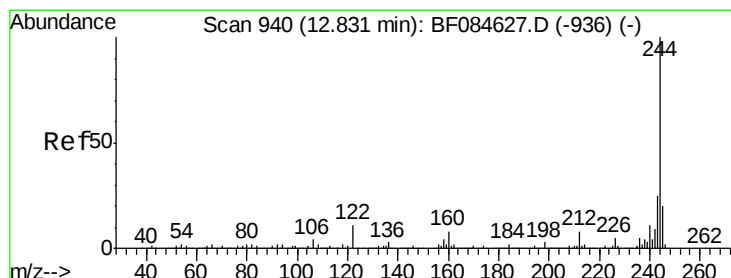
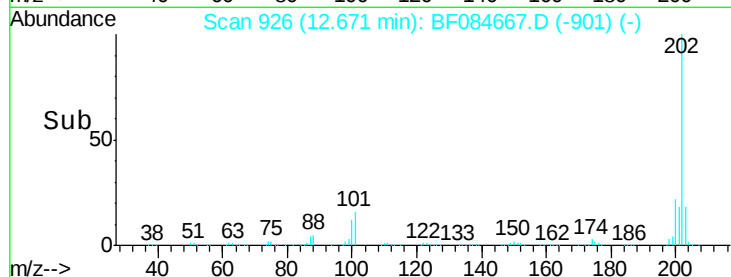
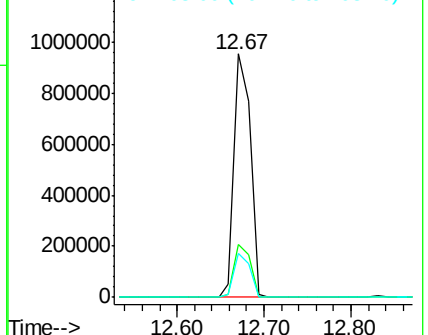
203 18.3 14.3 21.5

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 90.75 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF084667.D

Acq: 30 Jan 2016 6:32

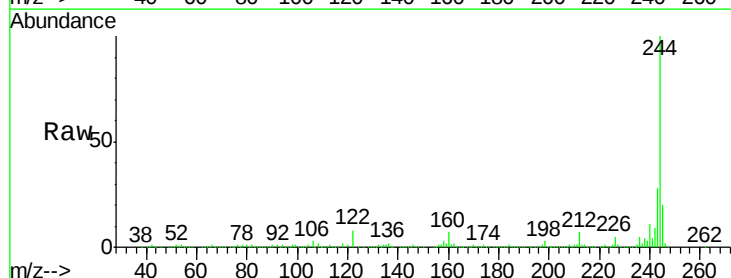
Tgt Ion:244 Resp: 1571338

Ion Ratio Lower Upper

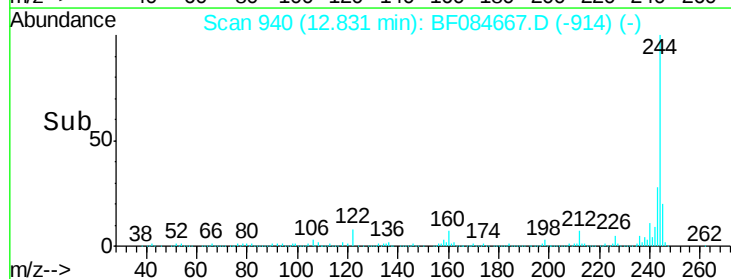
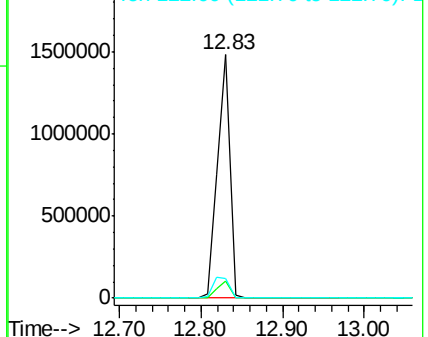
244 100

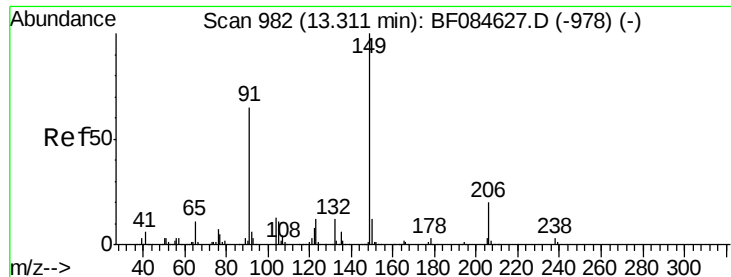
212 7.1 5.7 8.5

122 8.3 7.4 11.0



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





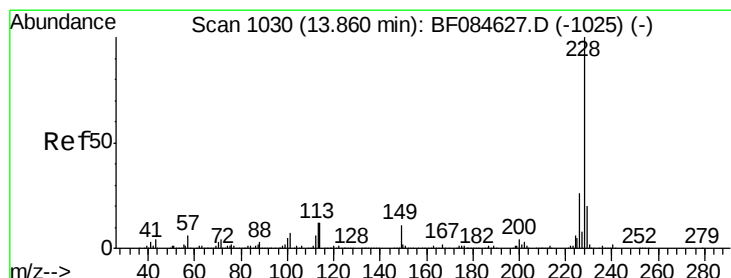
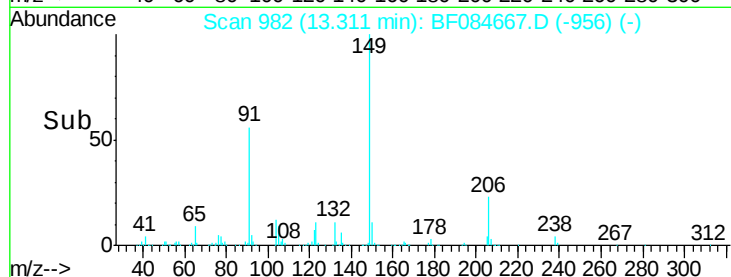
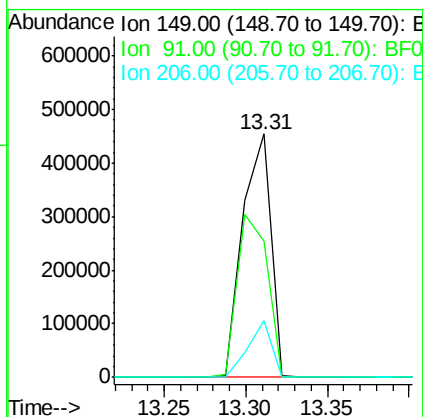
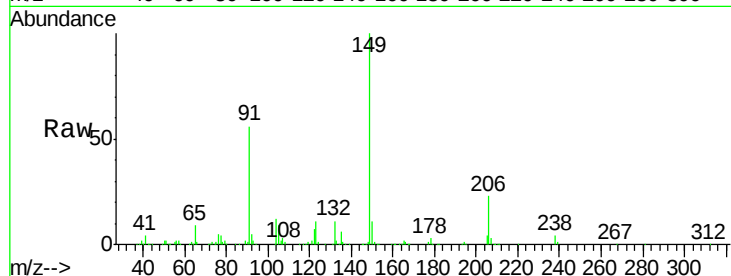
#79
Butylbenzylphthalate
Concen: 43.21 ng
RT: 13.31 min Scan# 982
Delta R.T. -0.00 min
Lab File: BF084667.D
Acq: 30 Jan 2016 6:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	55.7	57.6	86.4#
206	23.1	13.2	19.8#

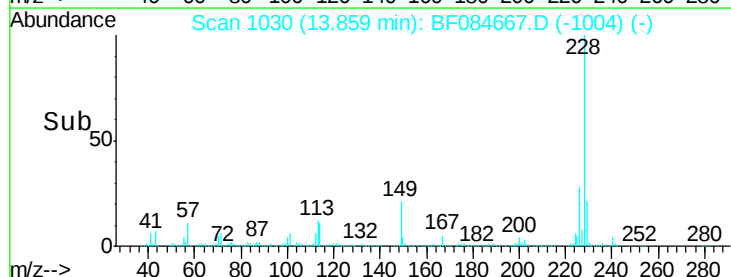
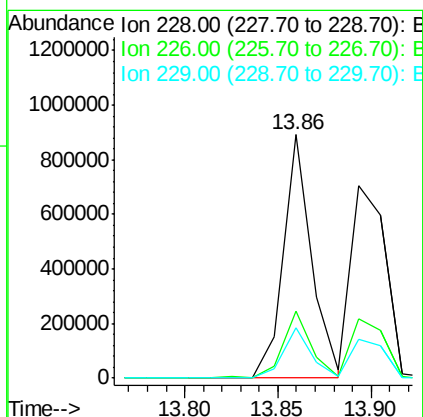
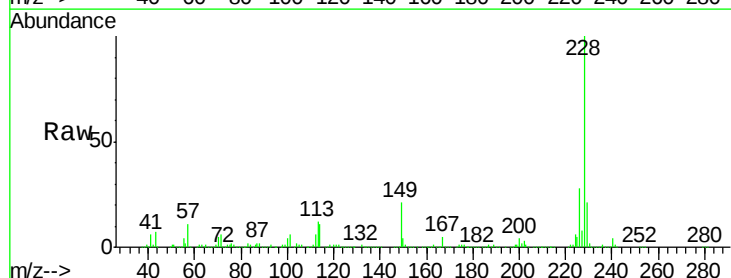
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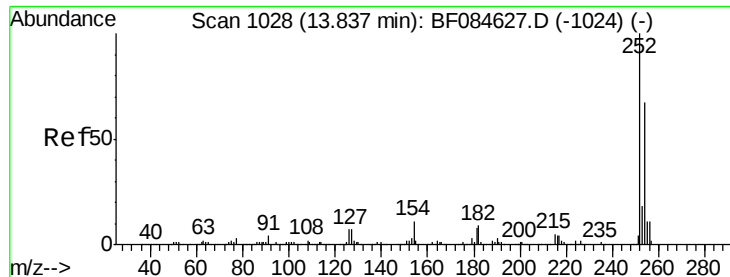
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#80
Benzo(a)anthracene
Concen: 38.58 ng
RT: 13.86 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF084667.D
Acq: 30 Jan 2016 6:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.8	32.6
229	20.6	15.8	23.8





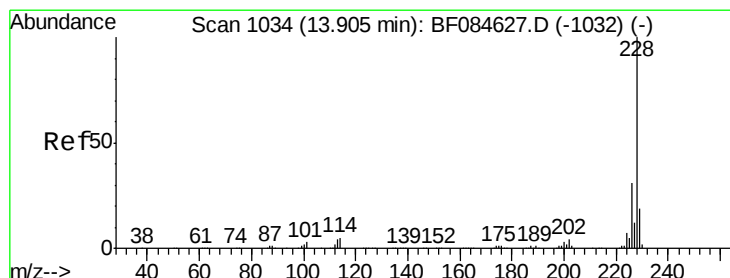
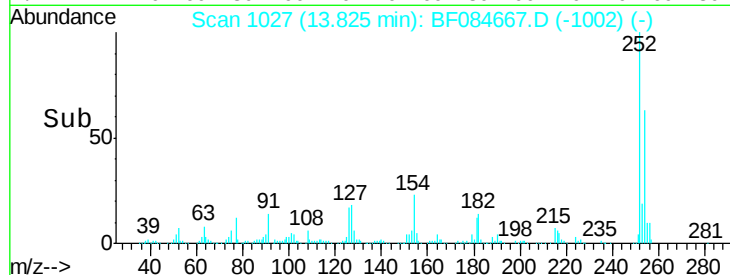
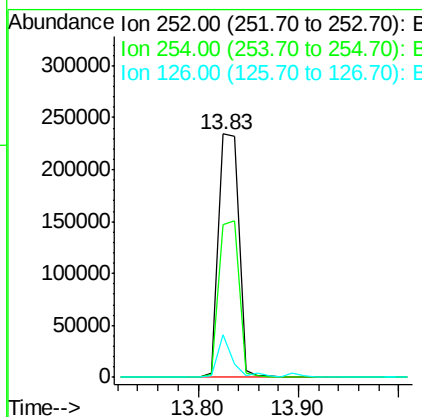
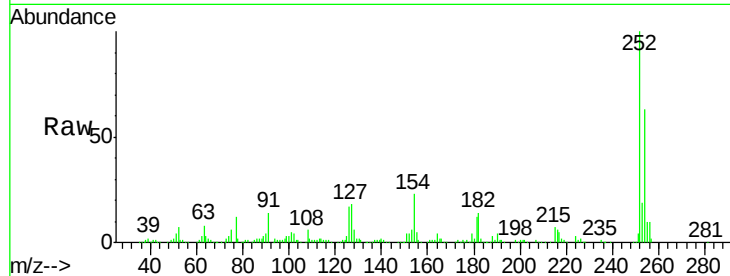
#81
 3,3'-Dichlorobenzidine
 Concen: 38.69 ng
 RT: 13.83 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BF084667.D
 Acq: 30 Jan 2016 6:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.0	53.5	80.3
126	17.4	4.9	7.3

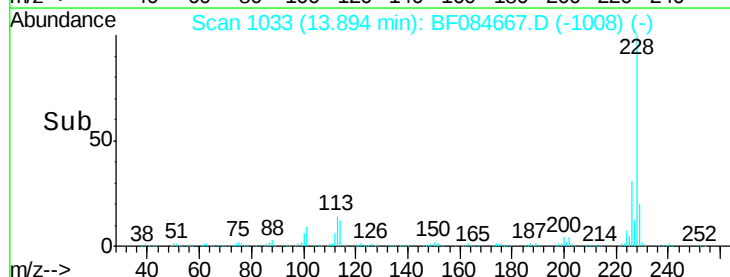
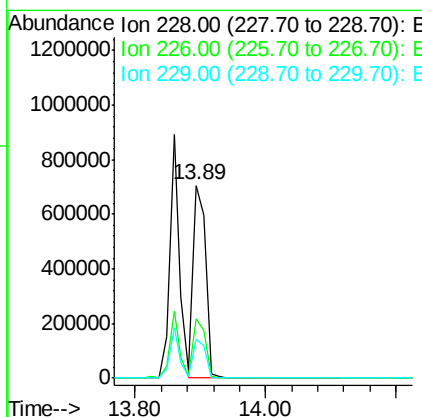
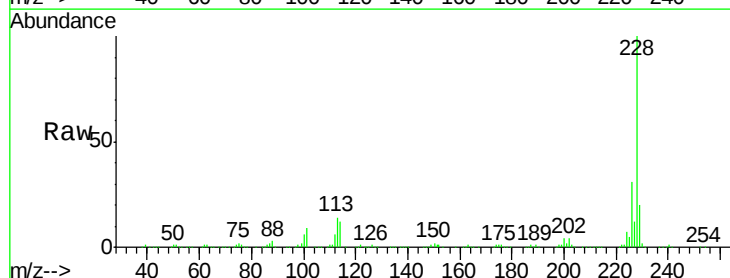
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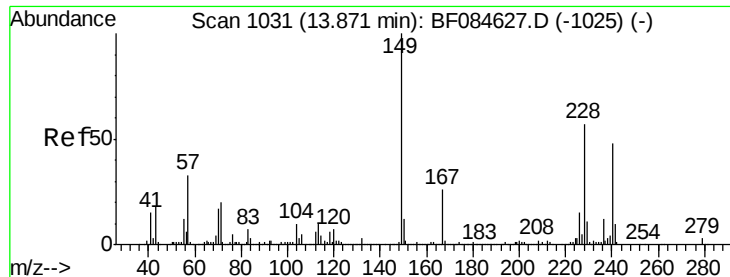
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#82
 Chrysene
 Concen: 38.27 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BF084667.D
 Acq: 30 Jan 2016 6:32

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.6	24.3	36.5
229	20.4	16.1	24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.94 ng

RT: 13.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF084667.D

Acq: 30 Jan 2016 6:32

Instrument :

BNA_F

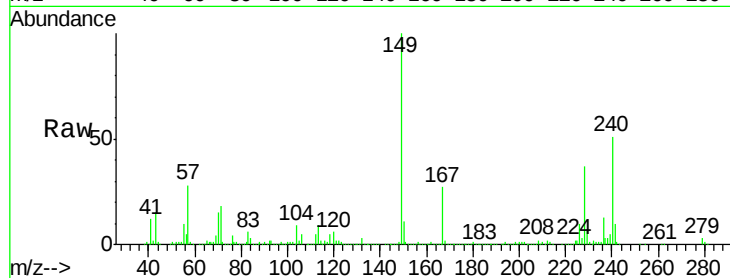
ClientSampleId :

SSTDCCC040

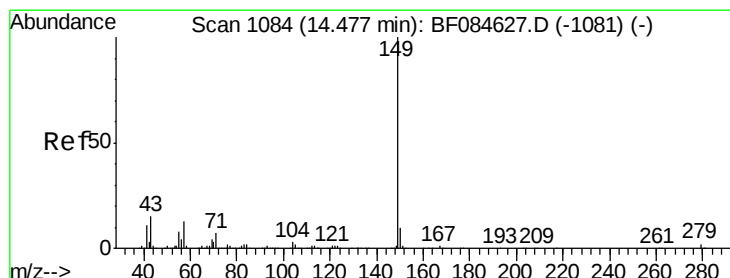
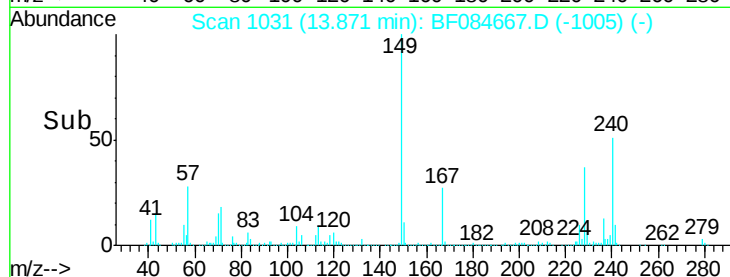
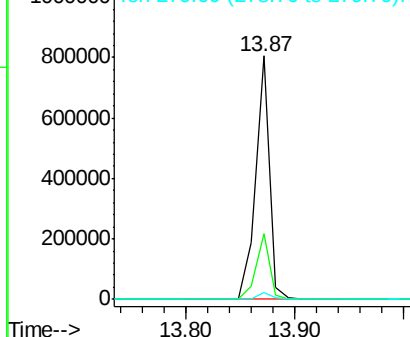
Tot Ion:	149	Resp:	718133
Ion Ratio	Lower	Upper	
149	100		
167	26.9	19.7	29.5
279	3.0	1.8	2.6#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 41.09 ng

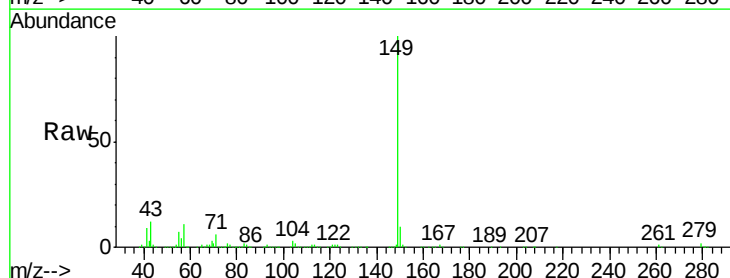
RT: 14.48 min Scan# 1084

Delta R.T. -0.00 min

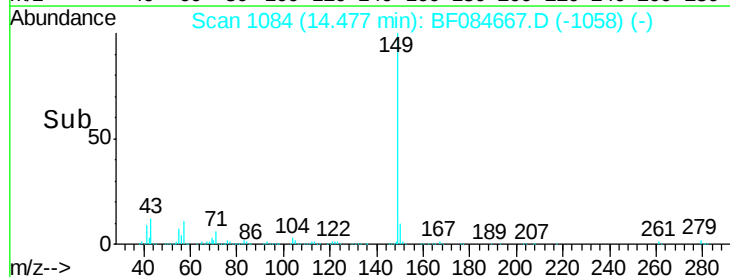
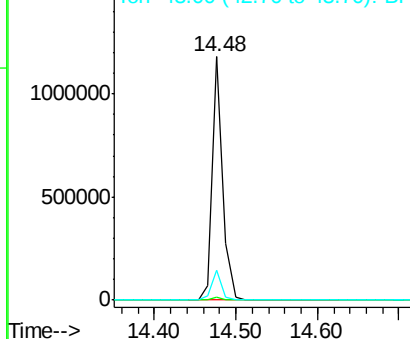
Lab File: BF084667.D

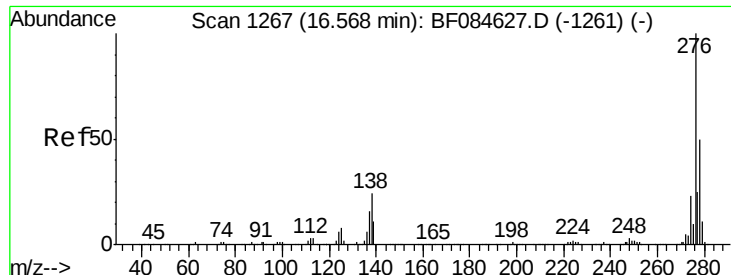
Acq: 30 Jan 2016 6:32

Tgt Ion:	149	Resp:	1061112
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	11.5	5.6	8.4#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





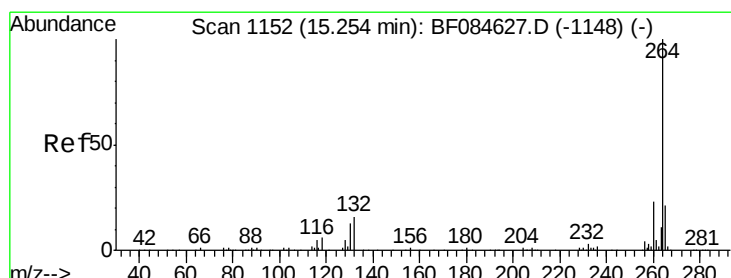
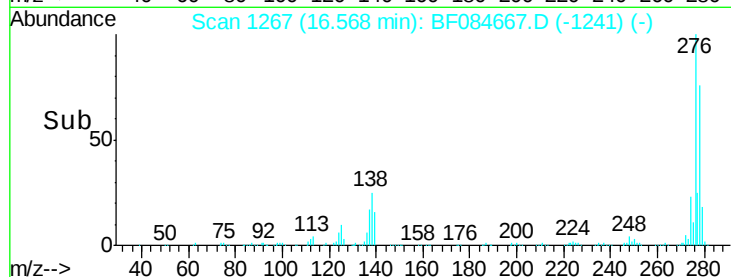
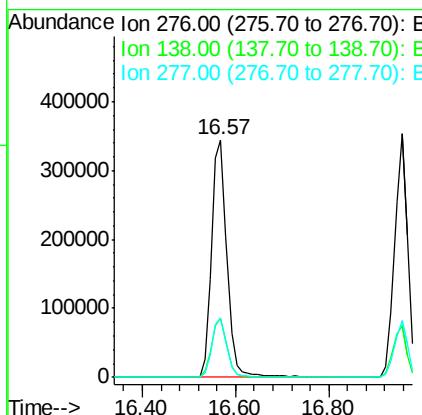
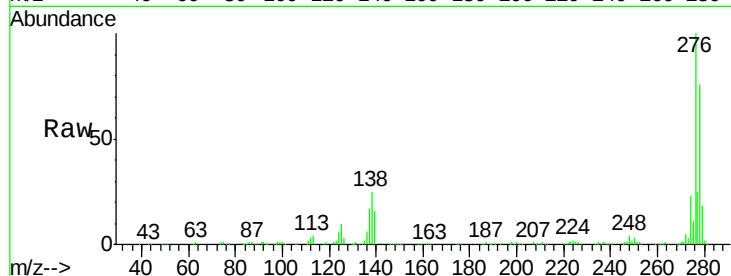
#85
Indeno(1,2,3-cd)pyrene
Concen: 37.55 ng
RT: 16.57 min Scan# 1267
Delta R.T. -0.00 min
Lab File: BF084667.D
Acq: 30 Jan 2016 6:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
276	100	797657		
138	24.9		20.6	30.8
277	24.6		20.1	30.1

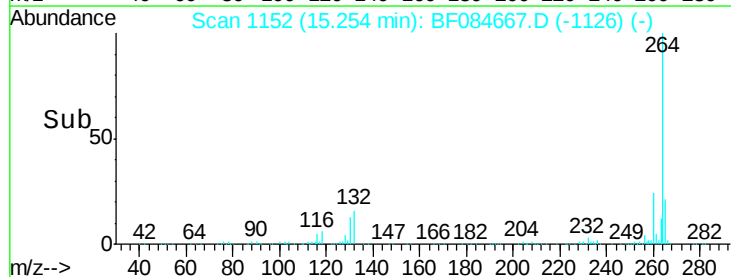
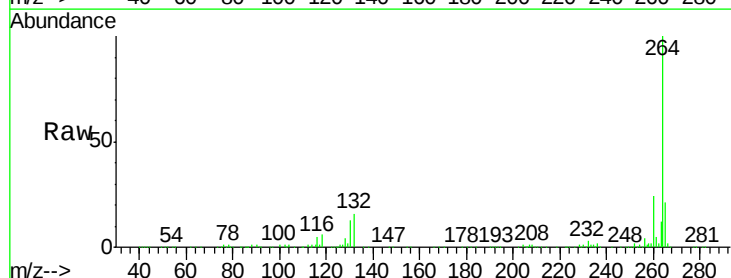
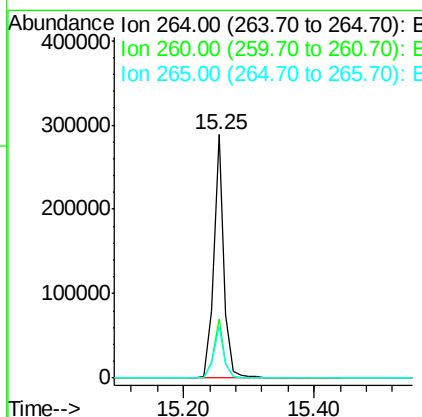
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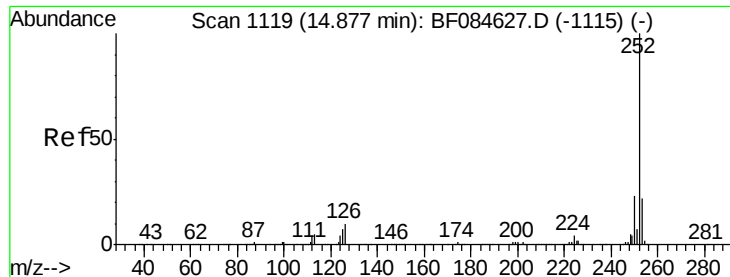
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.25 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BF084667.D
Acq: 30 Jan 2016 6:32

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	317944		
260	24.3		19.4	29.2
265	20.9		17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 46.69 ng m

RT: 14.87 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BF084667.D

Acq: 30 Jan 2016 6:32

Instrument :

BNA_F

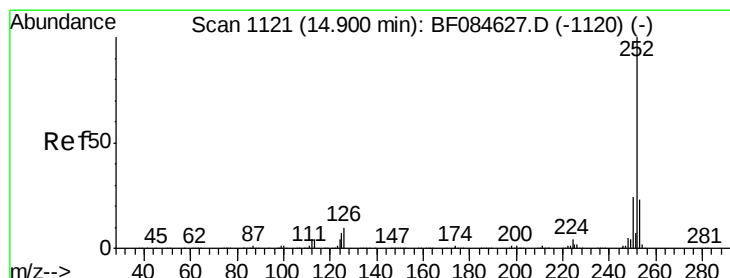
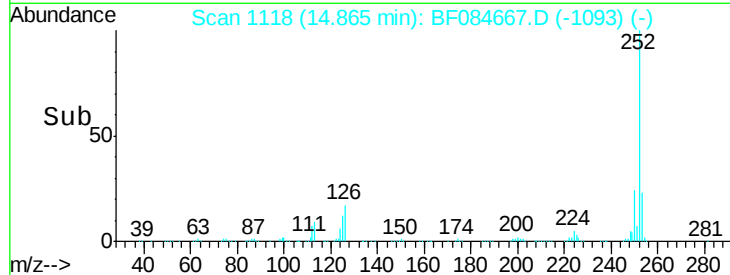
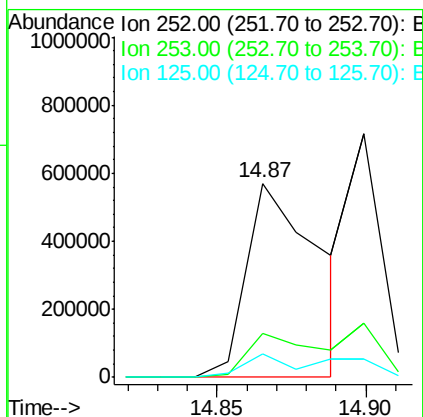
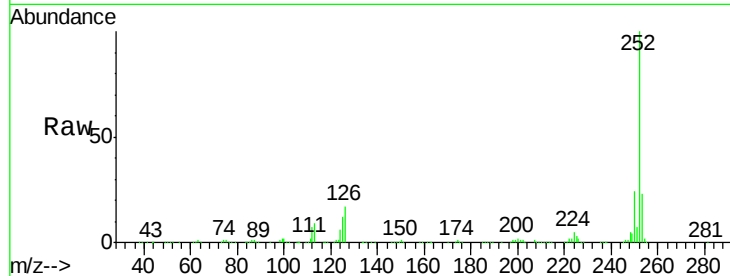
ClientSampleId :

SSTDCCC040

Tot Ion:	252	Resp:	961208
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.3	25.9
125	12.4	6.5	9.7#

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#88

Benzo(k)fluoranthene

Concen: 33.82 ng m

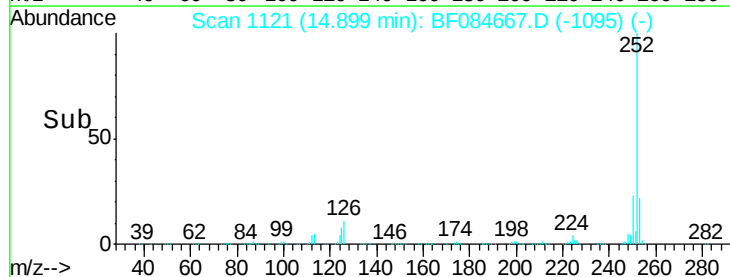
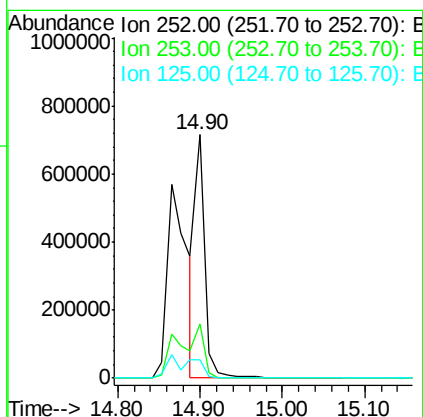
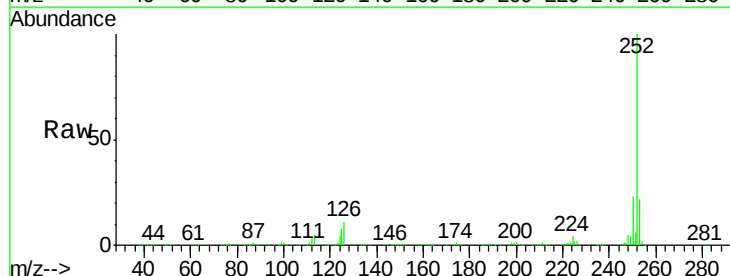
RT: 14.90 min Scan# 1121

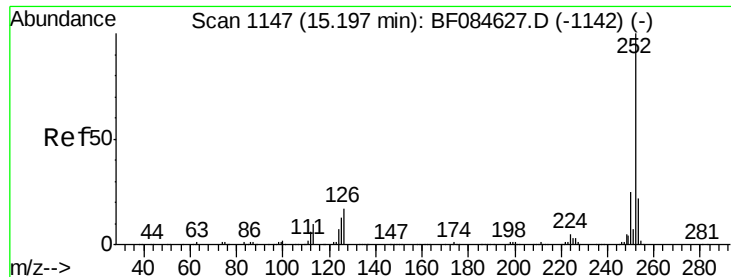
Delta R.T. -0.00 min

Lab File: BF084667.D

Acq: 30 Jan 2016 6:32

Tgt Ion:	252	Resp:	575126
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.1	27.1
125	7.6	9.0	13.6#





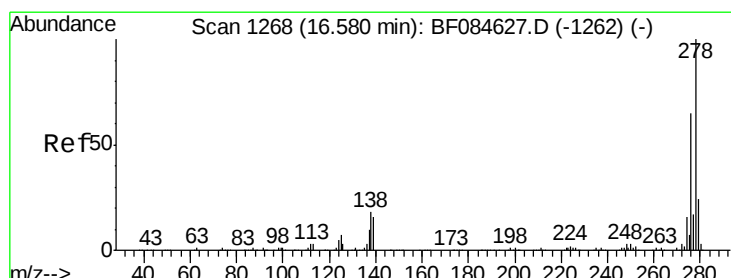
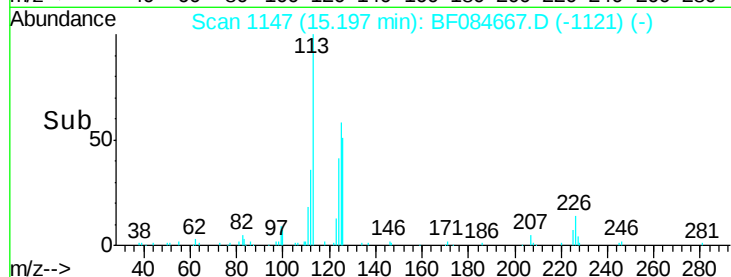
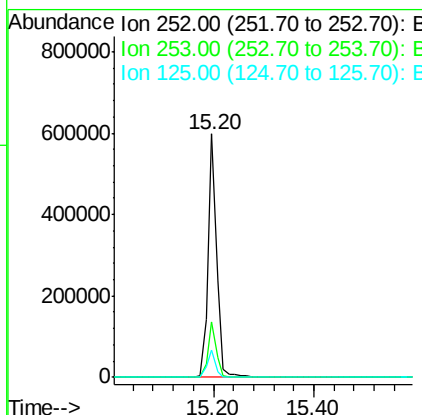
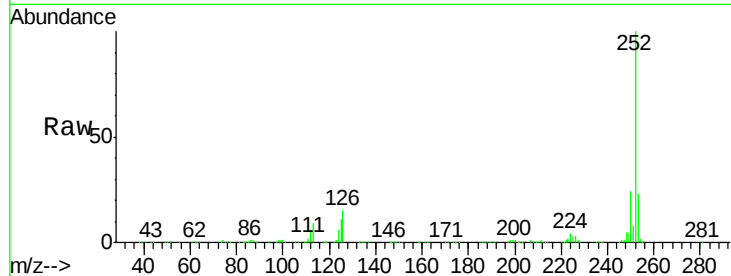
#89
Benzo(a)pyrene
Concen: 39.83 ng
RT: 15.20 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF084667.D
Acq: 30 Jan 2016 6:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.3	25.9
125	11.2	7.0	10.4

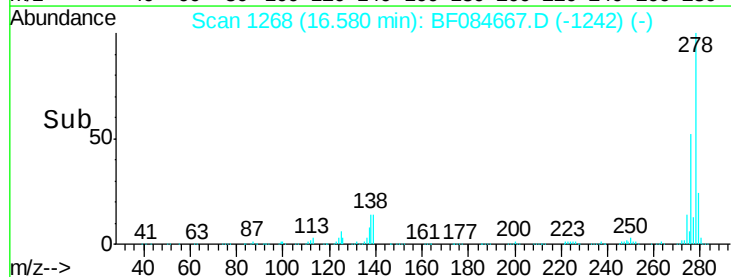
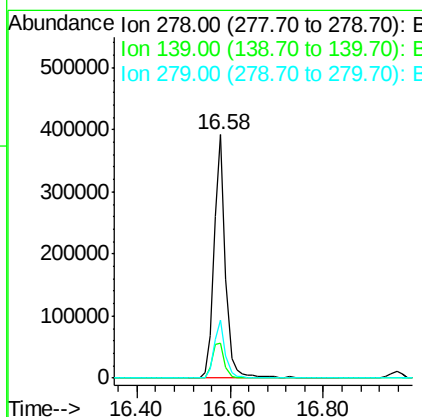
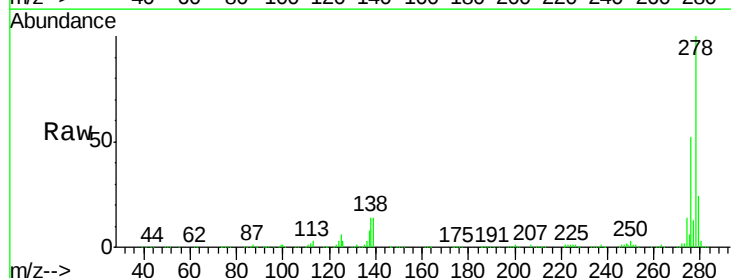
Manual Integrations
APPROVED

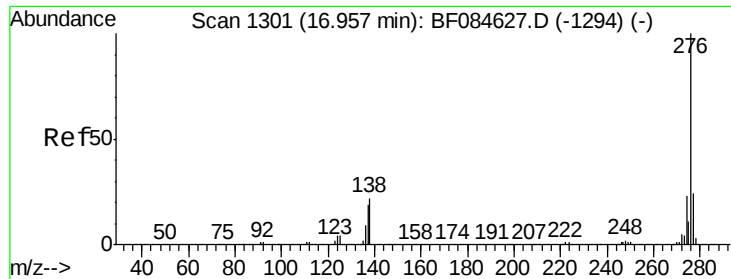
mohammad
2/1/2016 2:25:26 PM



#90
Dibenzo(a,h)anthracene
Concen: 41.69 ng
RT: 16.58 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BF084667.D
Acq: 30 Jan 2016 6:32

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.1	15.0	22.4
279	23.8	18.9	28.3





#91
 Benzo(a,h,i)perylene
 Concen: 43.10 ng
 RT: 16.96 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BF084667.D
 Acq: 30 Jan 2016 6:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.8	28.2
138	21.0	17.8	26.6

Manual Integrations
 APPROVED

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