

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012916\
 Data File : BF084628.D
 Acq On : 29 Jan 2016 11:02
 Operator : SJ/IZ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

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 2/1/2016 2:24:04 PM

Quant Time: Jan 29 11:44:00 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 10:50:42 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	117346	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	460988	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	220898	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	369538	20.00	ng	0.00
75) Chrysene-d12	13.87	240	242844	20.00	ng	0.00
86) Perylene-d12	15.25	264	221223	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.31	112	991248	136.63	ng	0.00
7) Phenol-d6	6.37	99	867747	95.24	ng	0.00
23) Nitrobenzene-d5	7.30	82	815489	98.45	ng	0.00
41) 2,4,6-Tribromophenol	10.56	330	248410	111.39	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1311754	90.19	ng	0.00
78) Terphenyl-d14	12.83	244	1195277	109.87	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.22	88	224052	65.19	ng	# 76
3) Pyridine	2.90	79	652472	68.09	ng	# 71
4) n-Nitrosodimethylamine	2.85	42	288187	58.59	ng	79
6) Aniline	6.40	93	579557	43.48	ng	97
8) 2-Chlorophenol	6.51	128	408640	49.65	ng	89
9) Benzaldehyde	6.27	77	259994	43.82	ng	97
10) Phenol	6.38	94	458003	44.21	ng	# 47
11) bis(2-Chloroethyl)ether	6.48	93	381499	47.54	ng	97
12) 1,3-Dichlorobenzene	6.67	146	439464	51.76	ng	98
13) 1,4-Dichlorobenzene	6.74	146	434579	51.04	ng	97
14) 1,2-Dichlorobenzene	6.90	146	440368	54.00	ng	98
15) Benzyl Alcohol	6.88	79	301539	39.34	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	7.01	45	652504	44.65	ng	85
17) 2-Methylphenol	7.00	107	337881	48.98	ng	# 91
18) Hexachloroethane	7.24	117	182674	53.65	ng	92
19) n-Nitroso-di-n-propylamine	7.15	70	274996	44.58	ng	# 68
20) 3+4-Methylphenols	7.15	107	397778	49.06	ng	# 43
22) Acetophenone	7.15	105	646003	58.28	ng	# 95
24) Nitrobenzene	7.32	77	463590	55.18	ng	88
25) Isophorone	7.56	82	769410	48.57	ng	99
26) 2-Nitrophenol	7.63	139	195616	51.16	ng	# 70
27) 2,4-Dimethylphenol	7.69	122	343711	44.41	ng	91
28) bis(2-Chloroethoxy)methane	7.78	93	475322	49.12	ng	99
29) 2,4-Dichlorophenol	7.88	162	331726	51.46	ng	95
30) 1,2,4-Trichlorobenzene	7.96	180	372228	55.93	ng	# 94
31) Naphthalene	8.04	128	1095165	52.36	ng	99
32) Benzoic acid	7.82	122	277790	60.83	ng	88
33) 4-Chloroaniline	8.09	127	431516	45.00	ng	96
34) Hexachlorobutadiene	8.16	225	214107	55.97	ng	98
35) Caprolactam	8.48	113	95621	44.00	ng	# 50
36) 4-Chloro-3-methylphenol	8.58	107	337674	46.76	ng	90
37) 2-Methylnaphthalene	8.73	142	724171	48.23	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	347693	54.75	ng	98
40) Hexachlorocyclopentadiene	8.89	237	172710	45.05	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	221369	46.59	nq	91
43) 2,4,5-Trichlorophenol	9.05	196	213106	46.79	nq	# 82
45) 1,1'-Biphenyl	9.20	154	1043531	59.44	nq	96
46) 2-Chloronaphthalene	9.22	162	737622	53.49	nq	# 89
47) 2-Nitroaniline	9.31	65	202496	44.49	nq	89
48) Acenaphthylene	9.63	152	1135817	55.75	nq	98
49) Dimethylphthalate	9.50	163	842181	53.33	nq	# 91
50) 2,6-Dinitrotoluene	9.56	165	184420	53.25	nq	# 70
51) Acenaphthene	9.80	154	732635	53.61	nq	97
52) 3-Nitroaniline	9.73	138	184022	42.88	nq	# 62
53) 2,4-Dinitrophenol	9.84	184	91234	88.71	nq	90
54) Dibenzofuran	9.97	168	896843	44.81	nq	95
55) 4-Nitrophenol	9.90	139	135229	43.41	nq	91
56) 2,4-Dinitrotoluene	9.96	165	238077	54.31	nq	# 93
57) Fluorene	10.32	166	759450	49.10	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.09	232	155486	39.98	nq	99
59) Diethylphthalate	10.20	149	811376	52.11	nq	97
60) 4-Chlorophenyl-phenylether	10.30	204	318101	51.06	nq	# 86
61) 4-Nitroaniline	10.34	138	171450	44.81	nq	96
62) Azobenzene	10.46	77	740375	43.35	nq	84
64) 4,6-Dinitro-2-methylphenol	10.37	198	123798	61.73	nq	# 70
65) n-Nitrosodiphenylamine	10.43	169	623597	52.78	nq	99
66) 4-Bromophenyl-phenylether	10.80	248	226543	56.96	nq	# 88
67) Hexachlorobenzene	10.85	284	223200	49.86	nq	# 78
68) Atrazine	10.96	200	167024	43.20	nq	98
69) Pentachlorophenol	11.06	266	111682	48.11	nq	99
70) Phenanthrene	11.26	178	942081	48.74	nq	98
71) Anthracene	11.32	178	1103252	58.22	nq	99
72) Carbazole	11.48	167	925493	49.96	nq	99
73) Di-n-butylphthalate	11.81	149	1054966	51.40	nq	# 96
74) Fluoranthene	12.45	202	1058909	52.44	nq	95
76) Benzidine	12.58	184	524567	60.25	nq	96
77) Pyrene	12.68	202	1083327	56.85	nq	99
79) Butylbenzylphthalate	13.31	149	448648	54.41	nq	95
80) Benzo(a)anthracene	13.86	228	788974	55.33	nq	99
81) 3,3'-Dichlorobenzidine	13.84	252	292909	58.86	nq	# 98
82) Chrysene	13.91	228	792825	57.86	nq	99
83) Bis(2-ethylhexyl)phthalate	13.87	149	568987	54.61	nq	99
84) Di-n-octyl phthalate	14.49	149	875191	49.76	nq	# 88
85) Indeno(1,2,3-cd)pyrene	16.57	276	709180	65.29	nq	96
87) Benzo(b)fluoranthene	14.88	252	709695m	49.04	nq	
88) Benzo(k)fluoranthene	14.90	252	599248m	50.63	nq	
89) Benzo(a)pyrene	15.21	252	640091	52.15	nq	# 98
90) Dibenzo(a,h)anthracene	16.59	278	587672	55.64	nq	# 93
91) Benzo(g,h,i)perylene	16.97	276	601974	55.04	nq	95

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

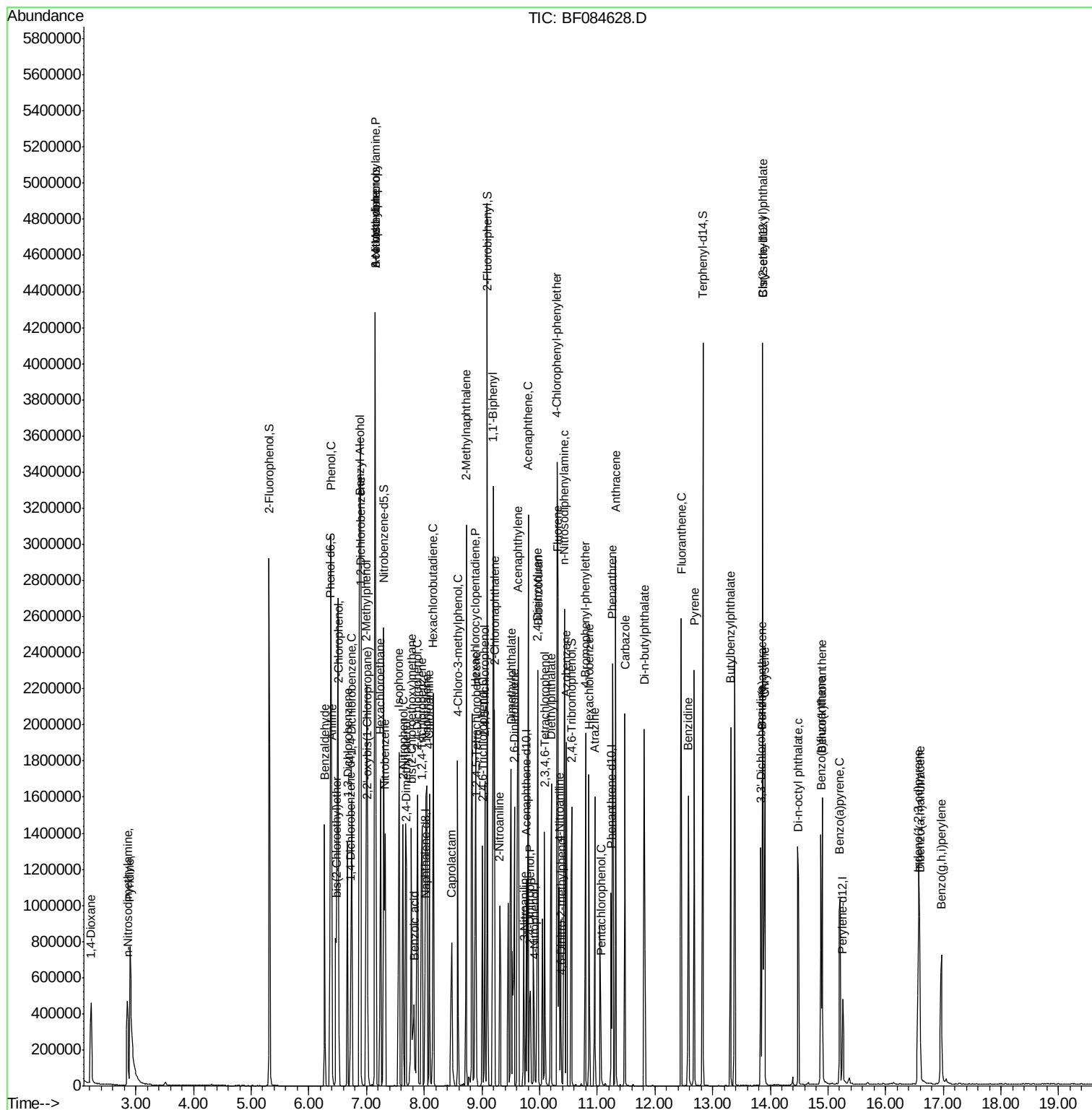
Data Path : Z:\HPCHEM1\BNA F\DATA\BF012916\
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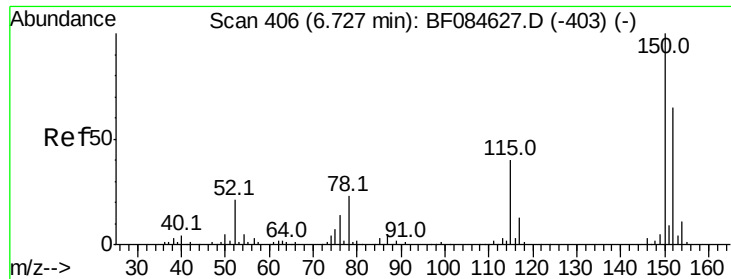
Instrument :
BNA_F
ClientSampled :
SSTDICC050

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF084628.D

Acq: 29 Jan 2016 11:02

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:152 Resp: 117346

Ion Ratio Lower Upper

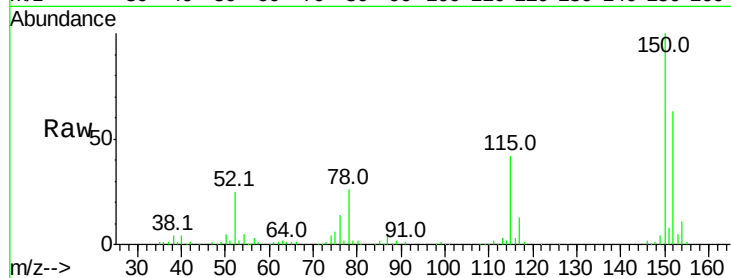
152 100

150 158.8 123.0 184.4

115 66.3 51.4 77.2

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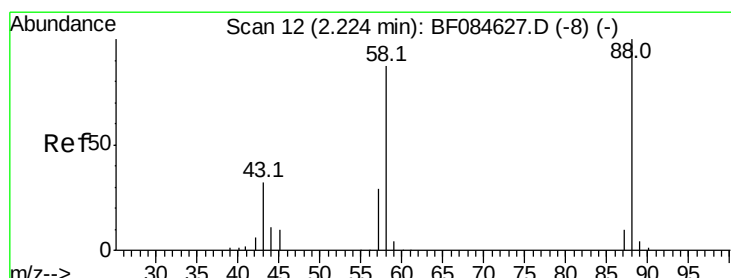
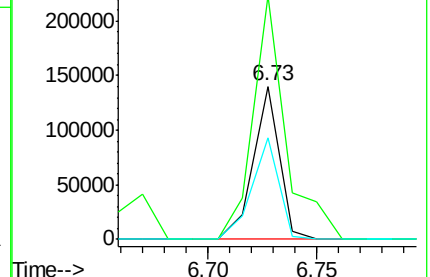
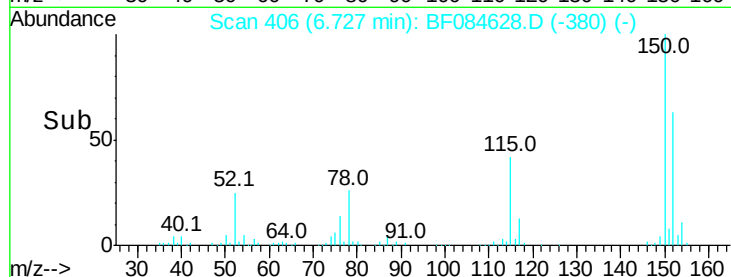
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 65.19 ng

RT: 2.22 min Scan# 12

Delta R.T. -0.00 min

Lab File: BF084628.D

Acq: 29 Jan 2016 11:02

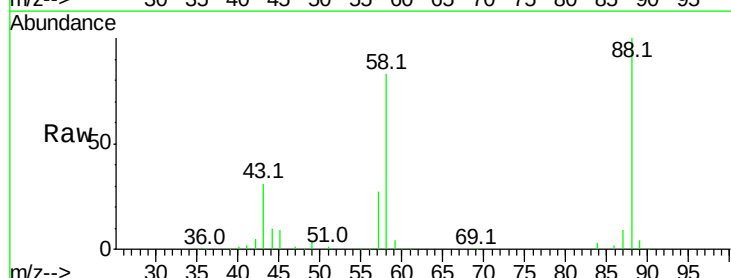
Tgt Ion: 88 Resp: 224052

Ion Ratio Lower Upper

88 100

58 85.1 51.2 76.8#

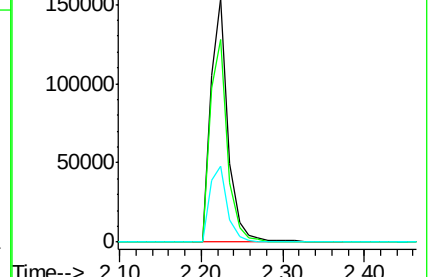
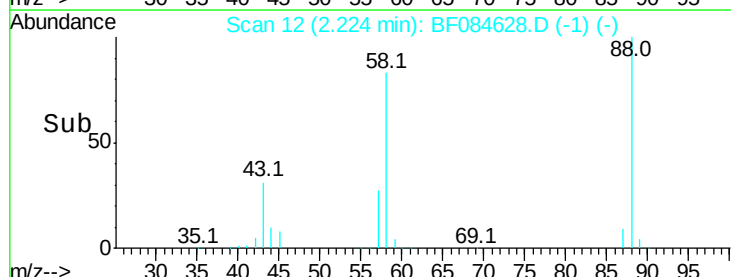
43 32.7 19.5 29.3#

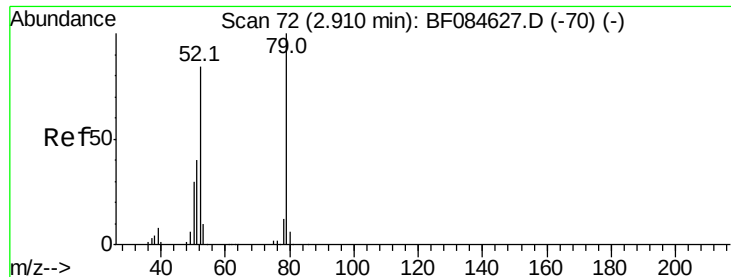


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 68.09 ng

RT: 2.90 min Scan# 71

Delta R.T. -0.01 min

Lab File: BF084628.D

Acq: 29 Jan 2016 11:02

Instrument :

BNA_F

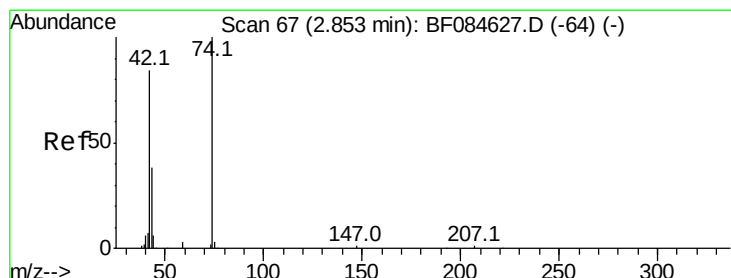
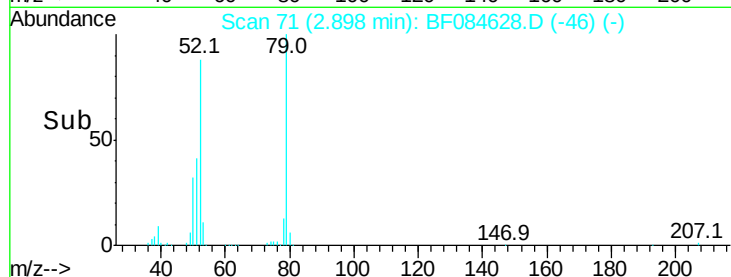
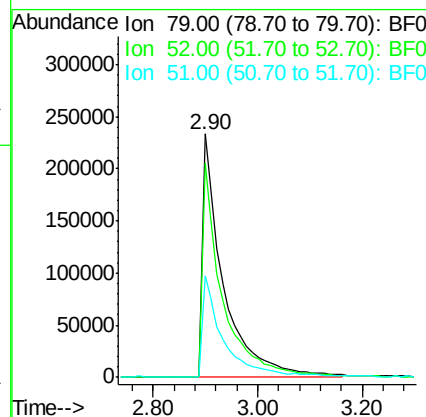
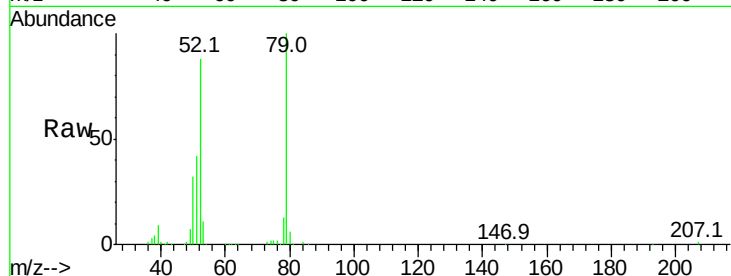
ClientSampleId :

SSTDIC050

Tot Ion:	79	Resp:	652472
Ion Ratio	Lower	Upper	
79	100		
52	87.8	49.0	73.4#
51	41.8	25.2	37.8#

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#4

n-Nitrosodimethylamine

Concen: 58.59 ng

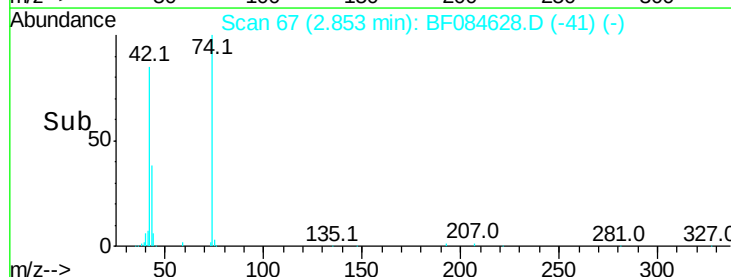
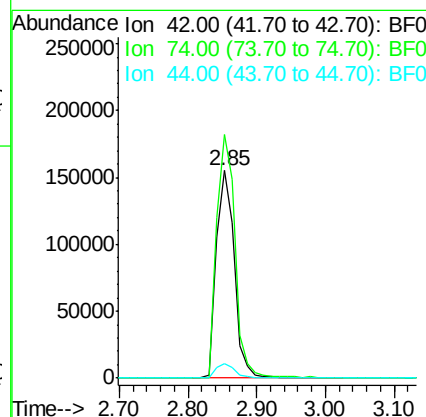
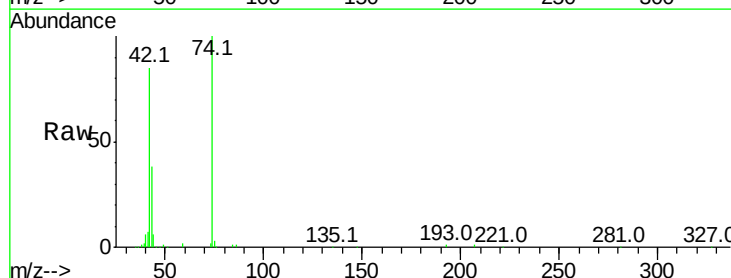
RT: 2.85 min Scan# 67

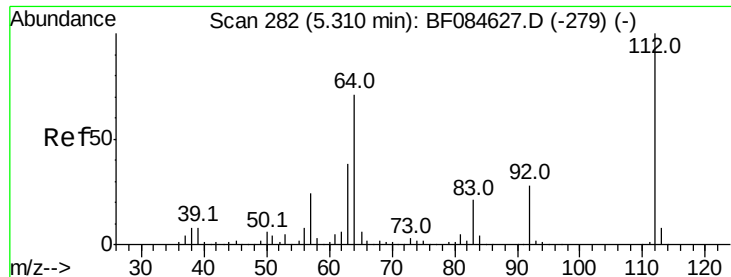
Delta R.T. -0.00 min

Lab File: BF084628.D

Acq: 29 Jan 2016 11:02

Tgt Ion:	42	Resp:	288187
Ion Ratio	Lower	Upper	
42	100		
74	117.5	115.7	173.5
44	7.0	5.1	7.7





#5

2-Fluorophenol

Concen: 136.63 ng

RT: 5.31 min Scan# 282

Delta R.T. -0.00 min

Lab File: BF084628.D

Acq: 29 Jan 2016 11:02

Instrument :

BNA_F

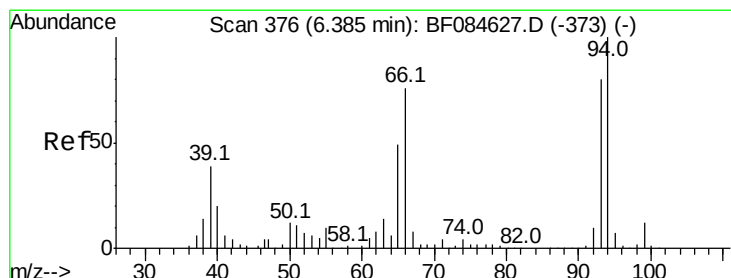
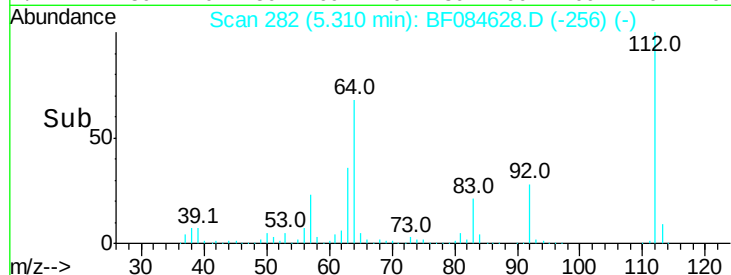
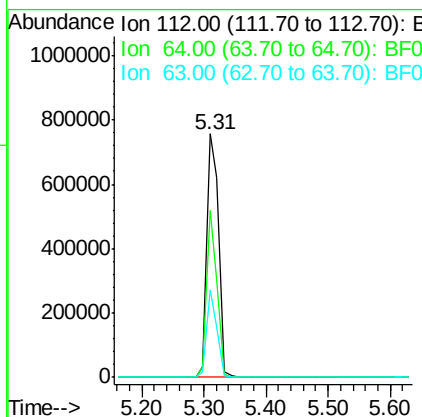
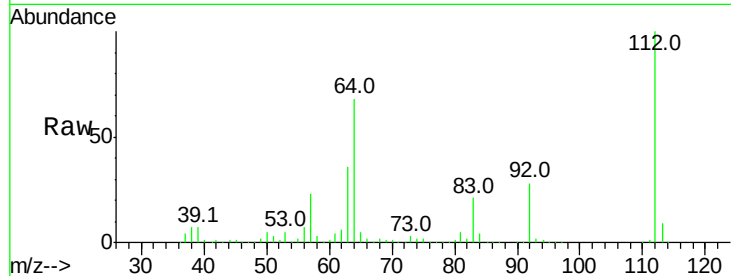
ClientSampleId :

SSTDIC050

Tot Ion:	112	Resp:	991248
Ion Ratio	Lower	Upper	
112	100		
64	68.4	36.6	55.0#
63	36.1	19.4	29.0#

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#6

Aniline

Concen: 43.48 ng

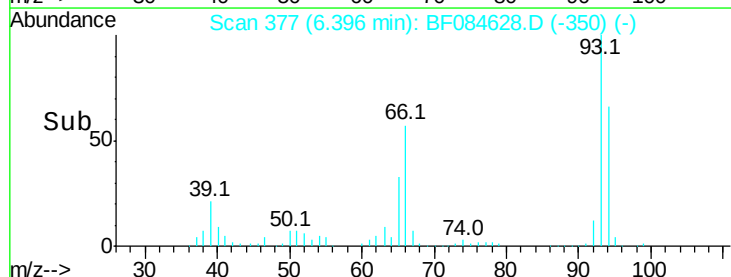
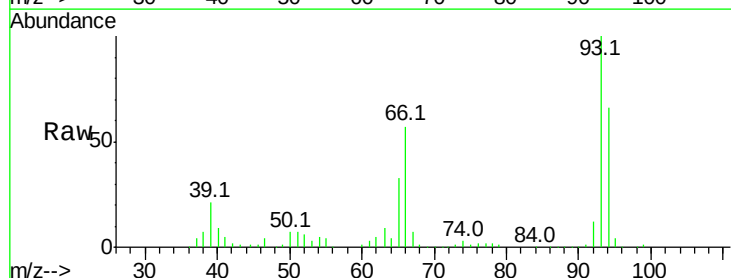
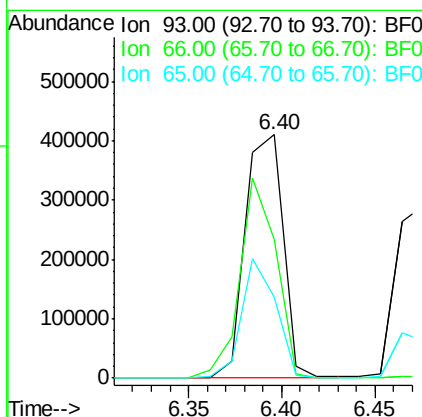
RT: 6.40 min Scan# 377

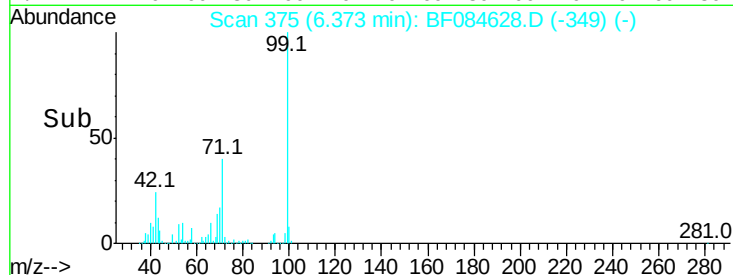
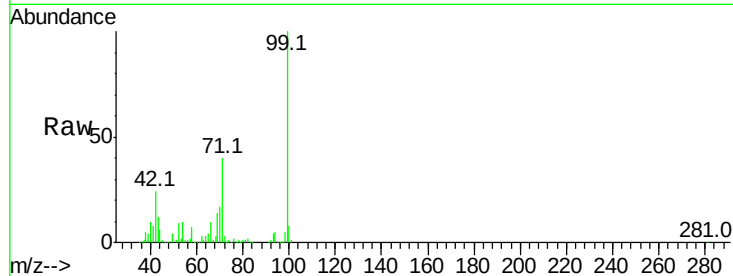
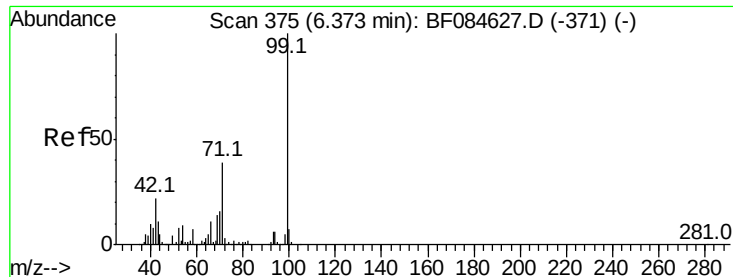
Delta R.T. 0.01 min

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Tgt Ion:	93	Resp:	579557
Ion Ratio	Lower	Upper	
93	100		
66	56.8	44.9	67.3
65	33.2	23.7	35.5





#7

Phenol-d6

Concen: 95.24 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF084628.D

Acq: 29 Jan 2016 11:02

Tot Ion:	99	Resp:	867747
Ion Ratio	Lower	Upper	
99	100		
42	24.1	12.8	19.2#
71	40.4	30.9	46.3

Instrument :

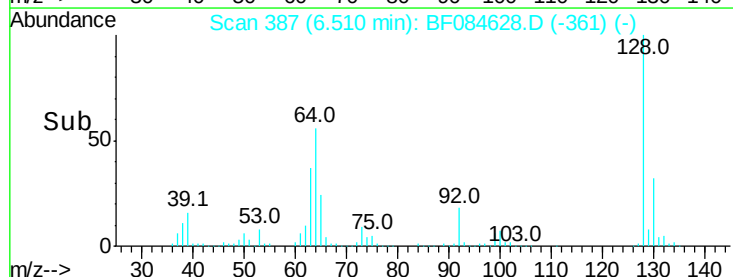
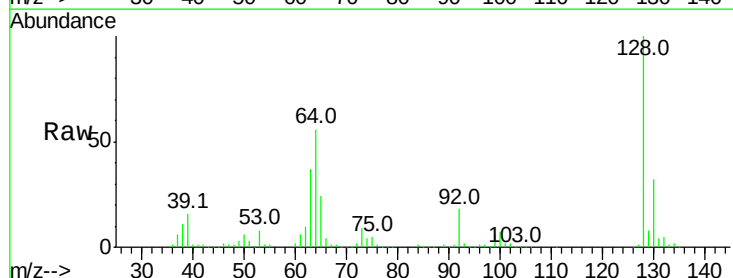
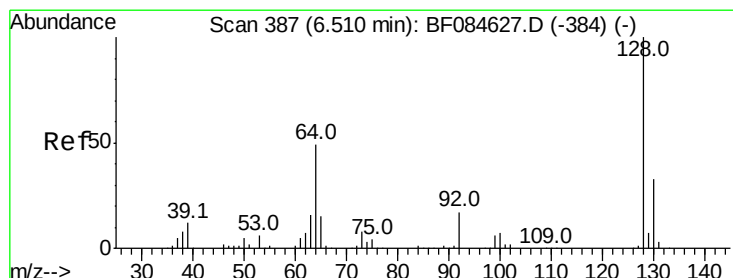
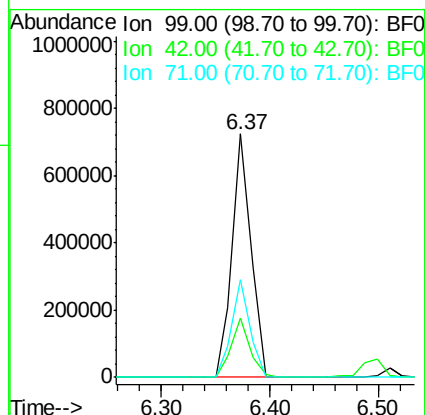
BNA_F

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SSTDIC050

Manual Integrations
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#8

2-Chlorophenol

Concen: 49.65 ng

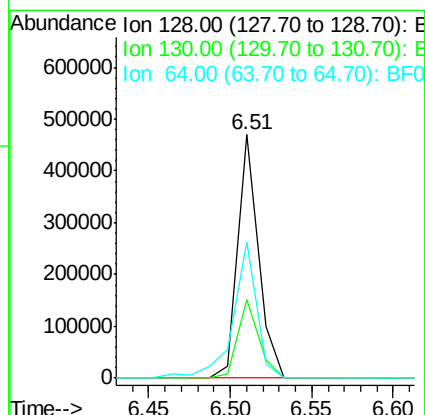
RT: 6.51 min Scan# 387

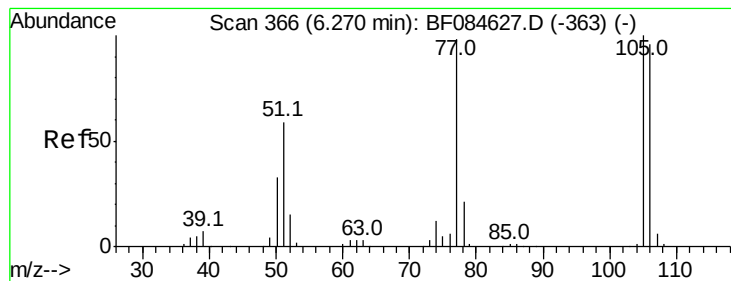
Delta R.T. -0.00 min

Lab File: BF084628.D

Acq: 29 Jan 2016 11:02

Tgt Ion:	128	Resp:	408640
Ion Ratio	Lower	Upper	
128	100		
130	32.1	11.6	51.6
64	56.1	23.8	63.8





#9

Benzaldehyde

Concen: 43.82 ng

RT: 6.27 min Scan# 366

Delta R.T. -0.00 min

Lab File: BF084628.D

Acq: 29 Jan 2016 11:02

Instrument :

BNA_F

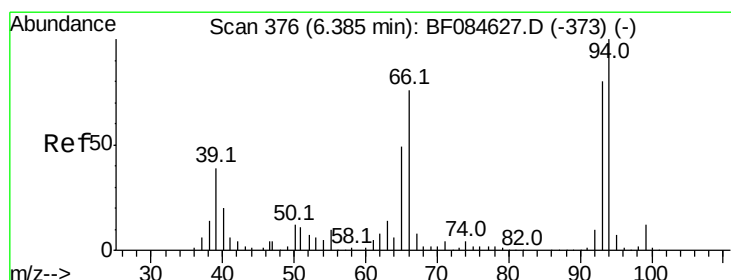
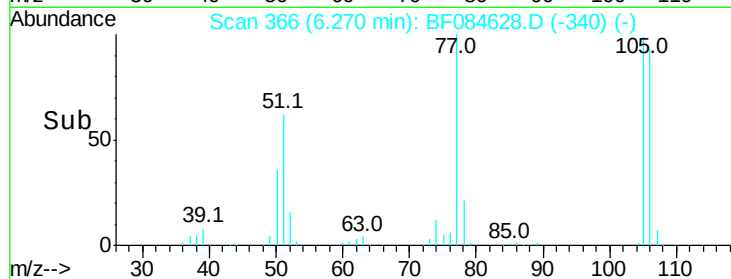
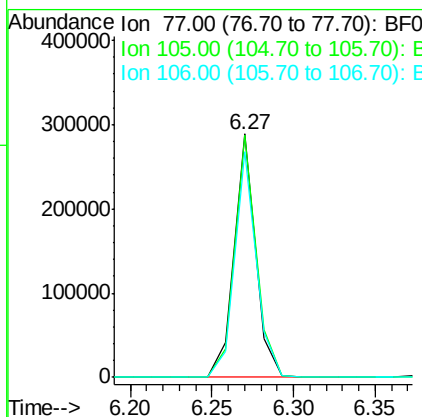
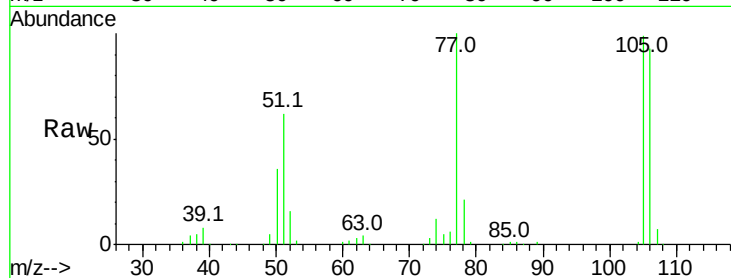
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Tot Ion:	77	Resp:	259994
Ion	Ratio	Lower	Upper
77	100		
105	99.5	83.0	123.0
106	92.8	74.6	114.6

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#10

Phenol

Concen: 44.21 ng

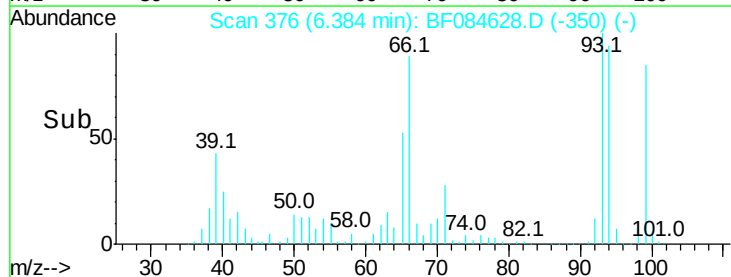
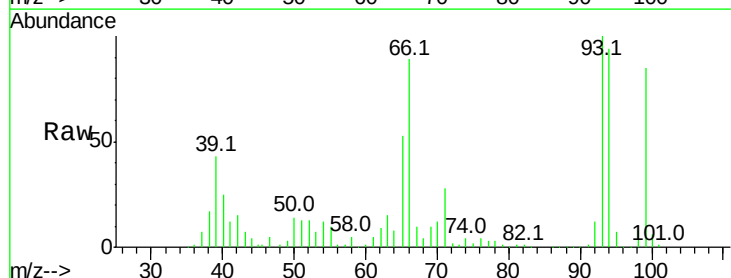
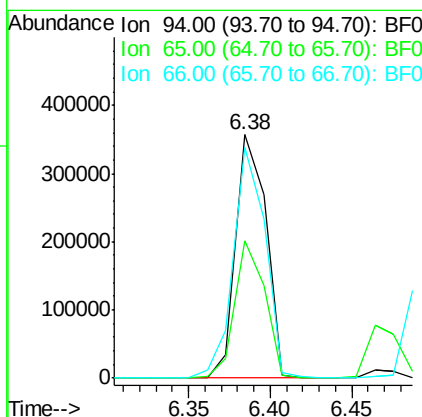
RT: 6.38 min Scan# 376

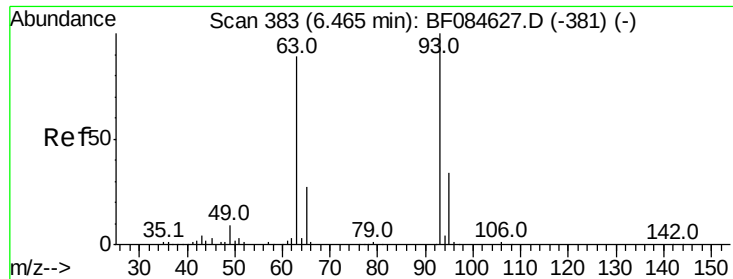
Delta R.T. -0.00 min

Lab File: BF084628.D

Acq: 29 Jan 2016 11:02

Tgt Ion:	94	Resp:	458003
Ion	Ratio	Lower	Upper
94	100		
65	56.7	12.9	52.9#
66	94.6	32.7	72.7#





#11

bis(2-Chloroethyl)ether

Concen: 47.54 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.01 min

Lab File: BF084628.D

Acq: 29 Jan 2016 11:02

Instrument :

BNA_F

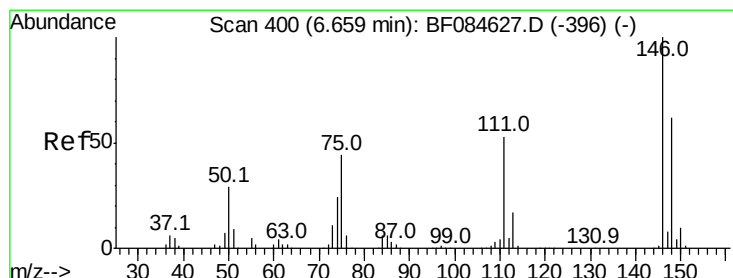
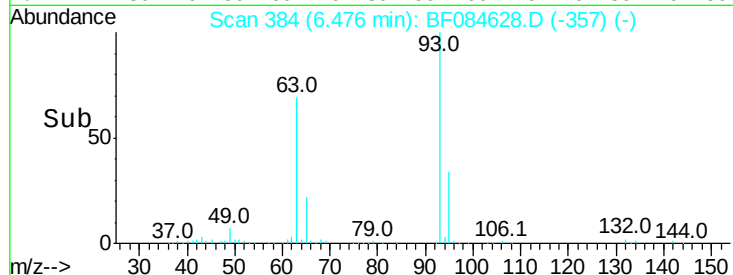
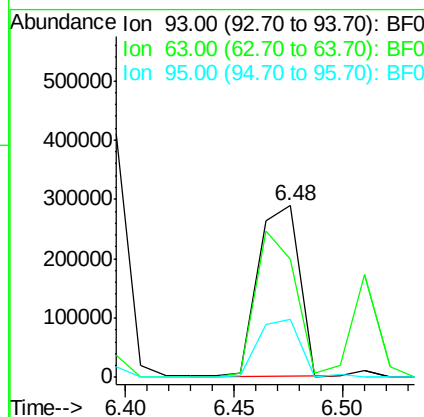
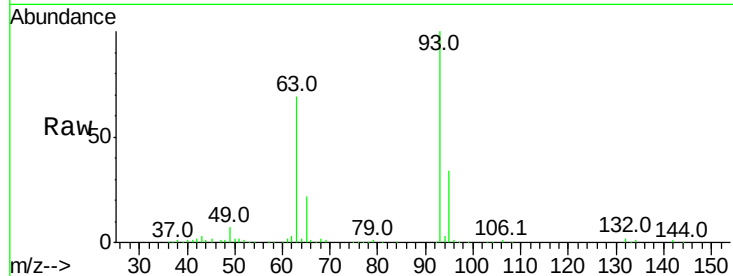
ClientSampleId :

SSTDICC050

Tot Ion:	93	Resp:	381499
Ion Ratio	Lower	Upper	
93	100		
63	69.0	45.9	85.9
95	33.8	12.3	52.3

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 51.76 ng

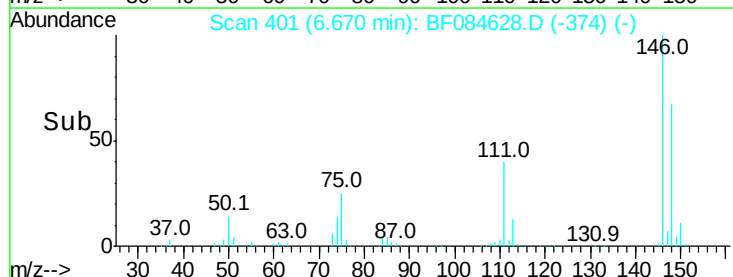
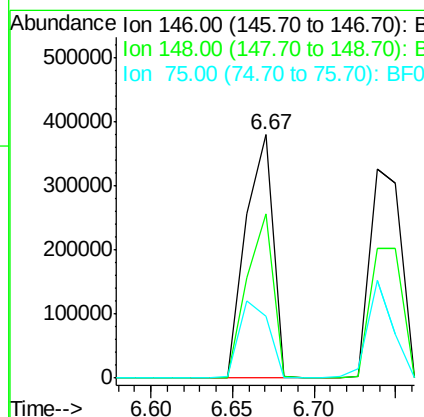
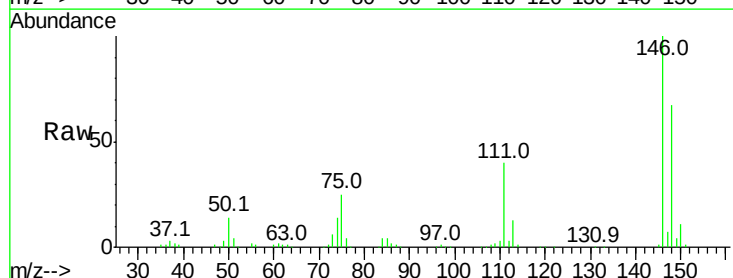
RT: 6.67 min Scan# 401

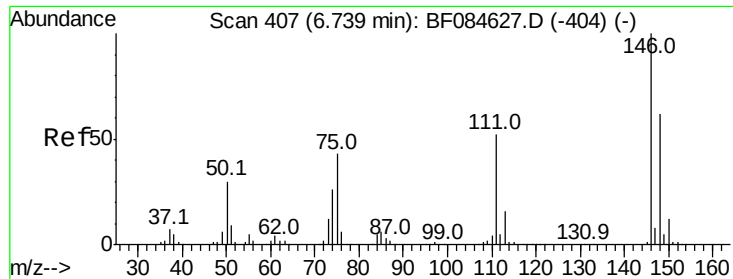
Delta R.T. 0.01 min

Lab File: BF084628.D

Acq: 29 Jan 2016 11:02

Tgt Ion:	146	Resp:	439464
Ion Ratio	Lower	Upper	
146	100		
148	67.3	51.9	77.9
75	25.3	20.5	30.7





#13

1,4-Dichlorobenzene

Concen: 51.04 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.00 min

Lab File: BF084628.D

Acq: 29 Jan 2016 11:02

Instrument :

BNA_F

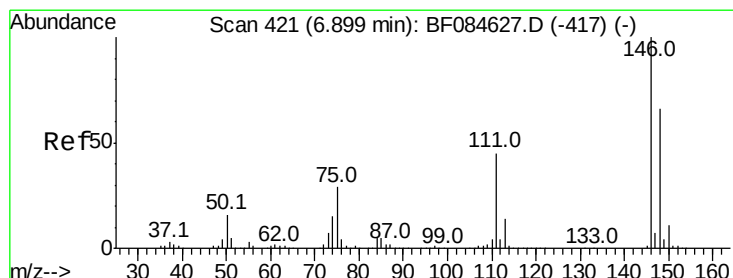
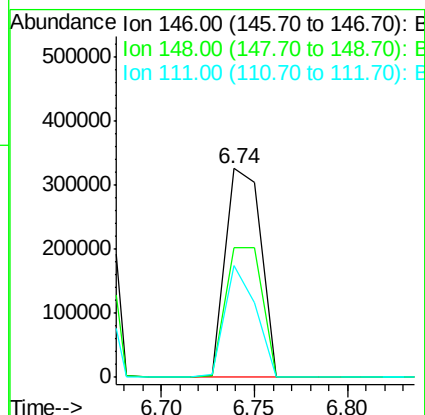
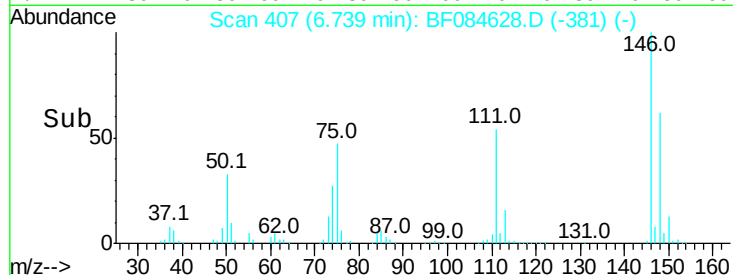
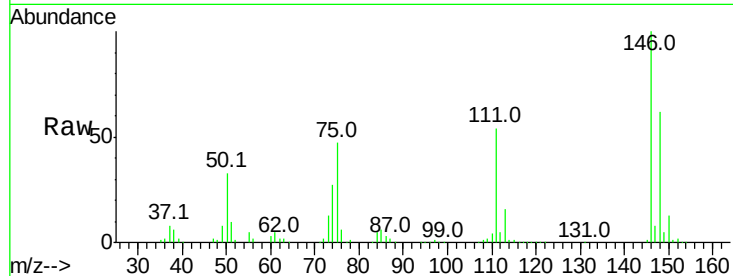
ClientSampleId :

SSTDICC050

Tot Ion:	146	Resp:	434579
Ion Ratio	Lower	Upper	
146	100		
148	62.4	51.9	77.9
111	53.7	41.6	62.4

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 54.00 ng

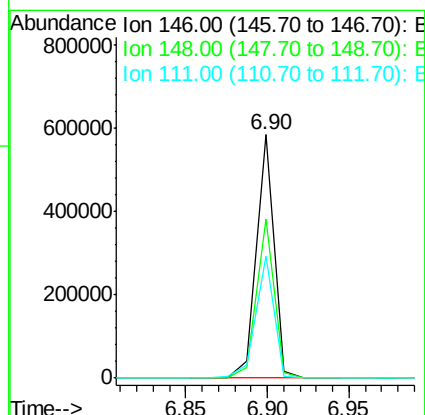
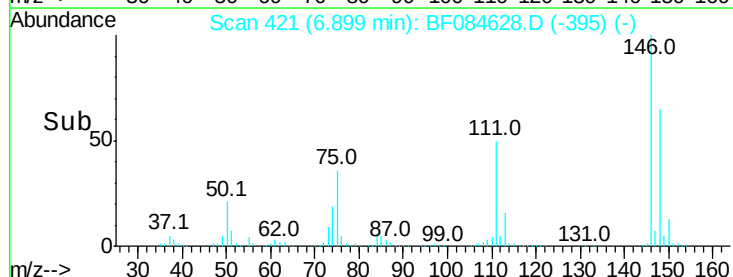
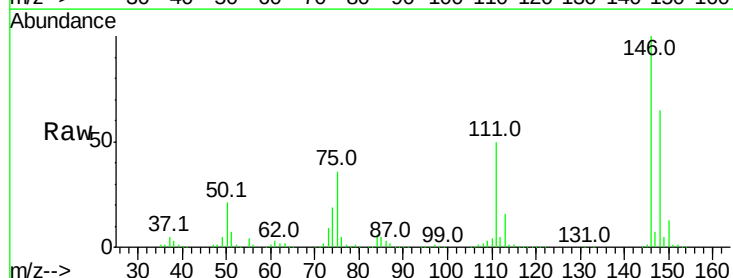
RT: 6.90 min Scan# 421

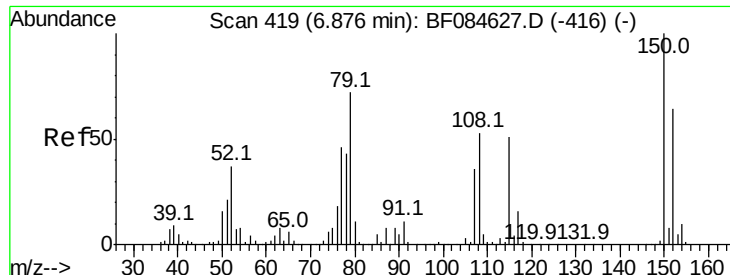
Delta R.T. -0.00 min

Lab File: BF084628.D

Acq: 29 Jan 2016 11:02

Tgt Ion:	146	Resp:	440368
Ion Ratio	Lower	Upper	
146	100		
148	65.4	51.6	77.4
111	50.1	38.0	57.0





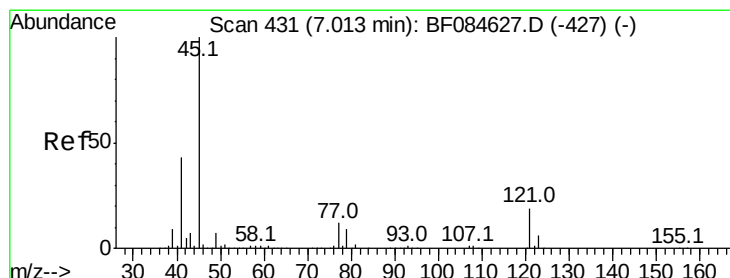
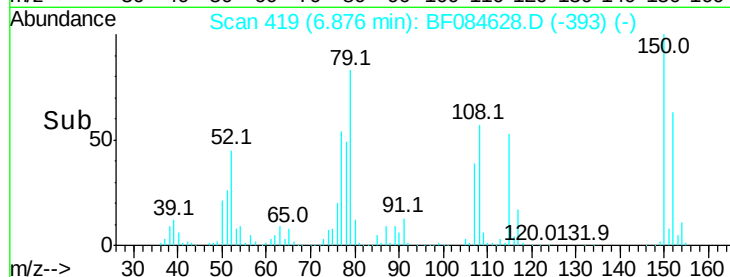
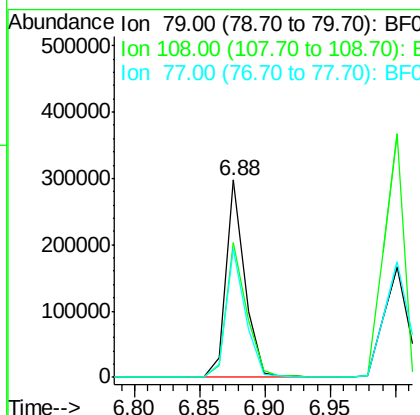
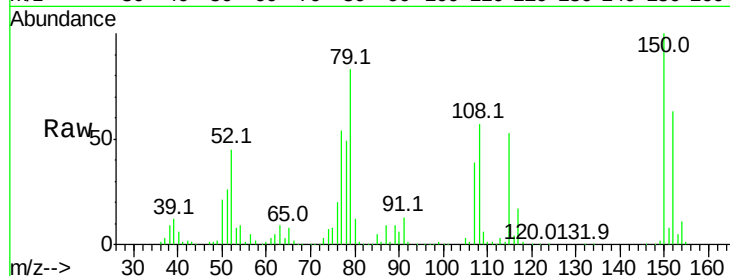
#15
Benzyl Alcohol
Concen: 39.34 ng
RT: 6.88 min Scan# 419
Delta R.T. -0.00 min
Lab File: BF084628.D
Acq: 29 Jan 2016 11:02

Instrument :
BNA_F
ClientSampleID :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
79	100		
108	68.7	69.0	103.4#
77	65.0	50.0	75.0

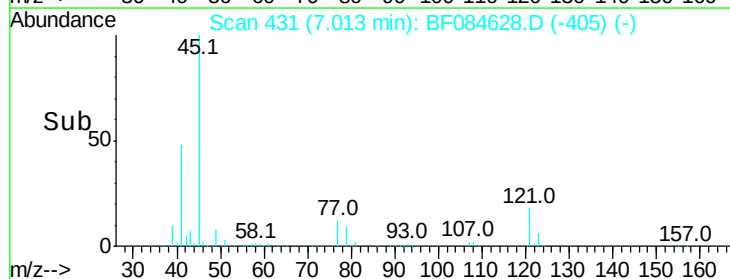
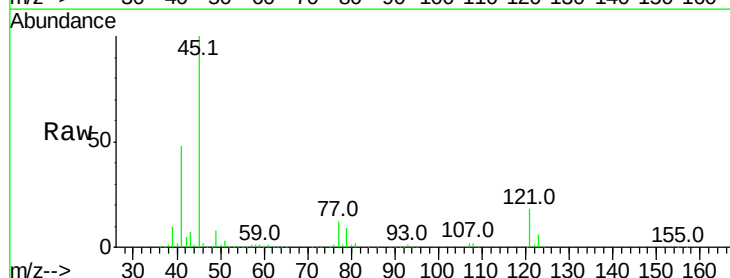
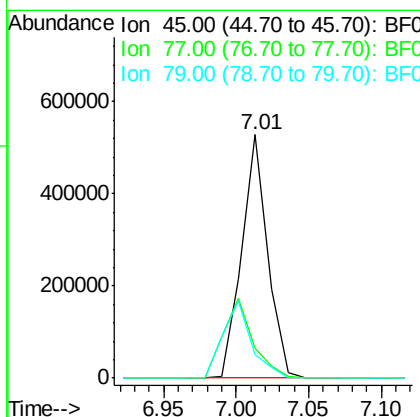
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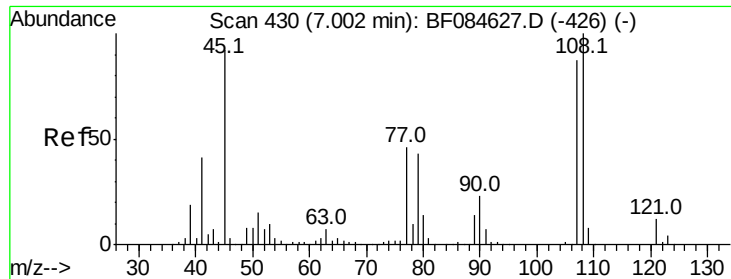
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 44.65 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.00 min
Lab File: BF084628.D
Acq: 29 Jan 2016 11:02

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.2	0.0	39.6
79	9.5	0.0	35.0





#17

2-Methylphenol

Concen: 48.98 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.00 min

Lab File: BF084628.D

Acq: 29 Jan 2016 11:02

Instrument :

BNA_F

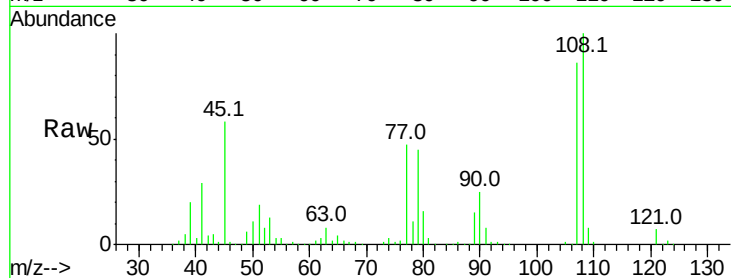
ClientSampleId :

SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	116.9	89.8	134.6	
77	55.3	35.7	53.5	
79	53.1	35.7	53.5	

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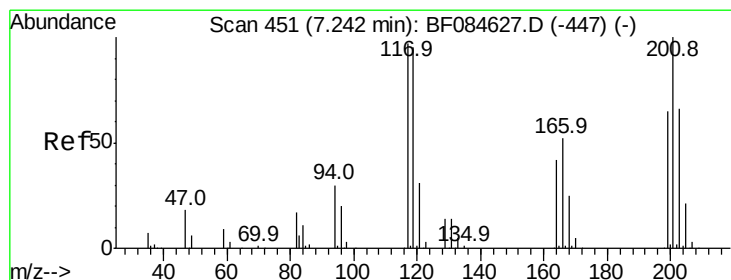
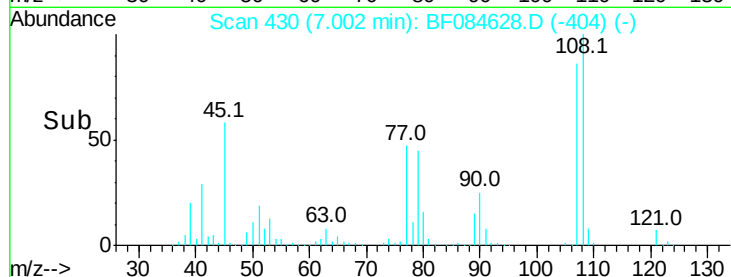
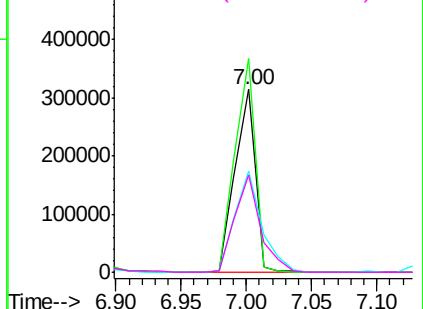


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 53.65 ng

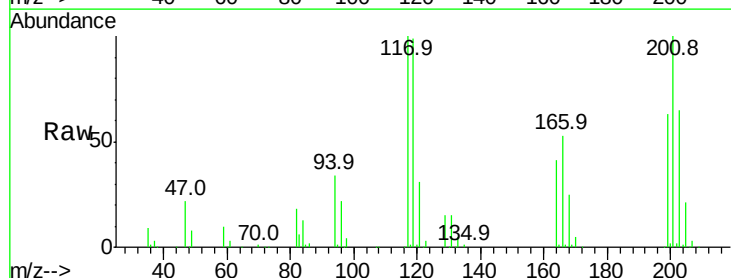
RT: 7.24 min Scan# 451

Delta R.T. -0.00 min

Lab File: BF084628.D

Acq: 29 Jan 2016 11:02

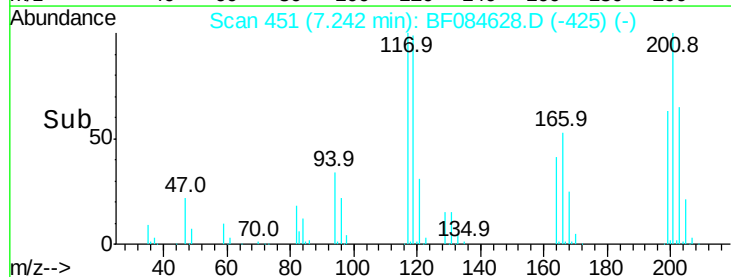
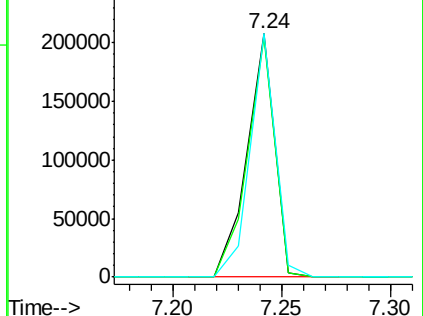
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.6	77.4	116.0	
201	100.0	68.6	103.0	

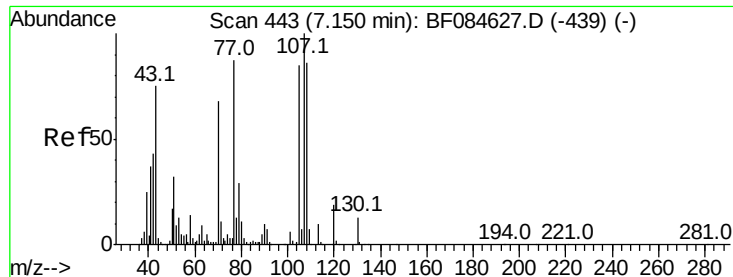


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





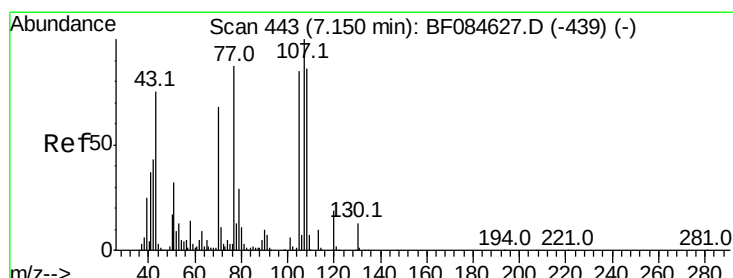
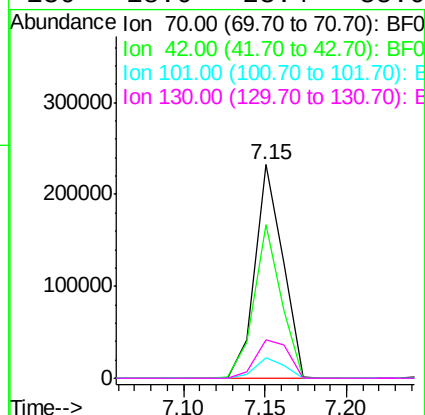
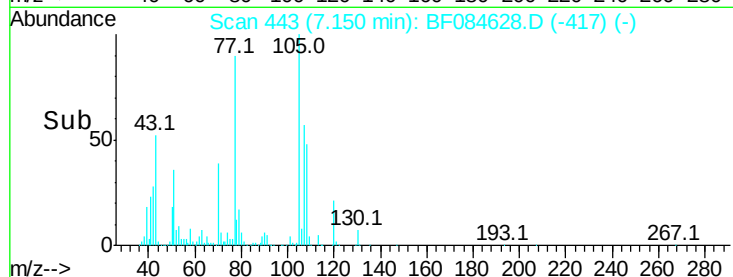
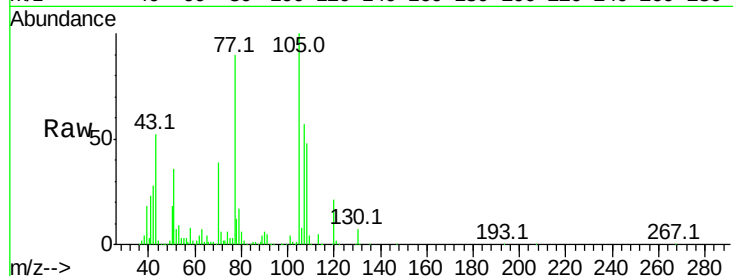
#19
n-Nitroso-di-n-propylamine
Concen: 44.58 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF084628.D
Acq: 29 Jan 2016 11:02

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
70	100		
42	71.8	33.3	49.9#
101	9.5	9.3	13.9
130	18.0	23.4	35.0#

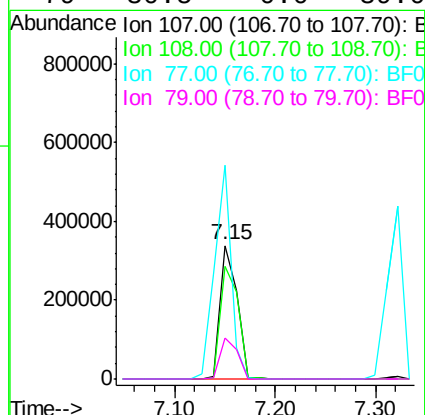
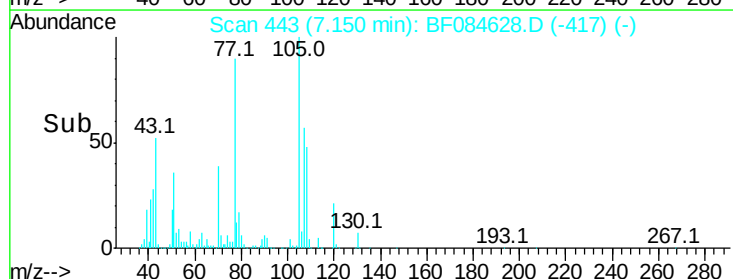
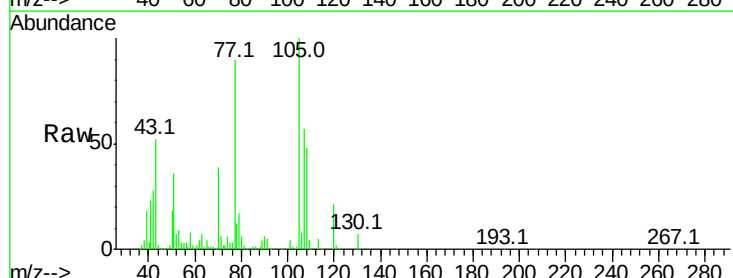
Manual Integrations
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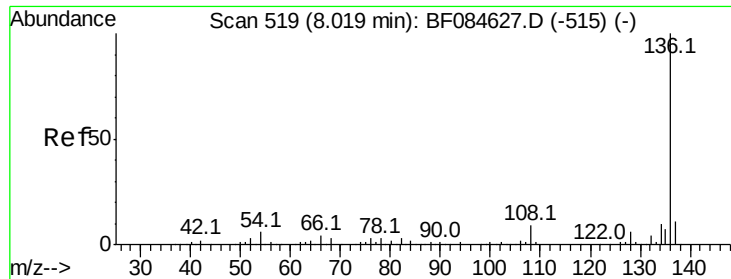
mohammad
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#20
3+4-Methylphenols
Concen: 49.06 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF084628.D
Acq: 29 Jan 2016 11:02

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.7	74.6	114.6
77	159.8	0.7	40.7#
79	30.5	0.0	39.0





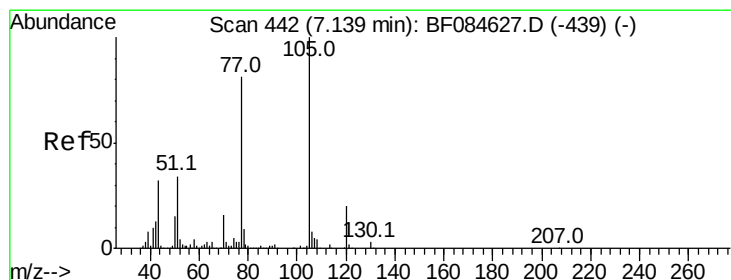
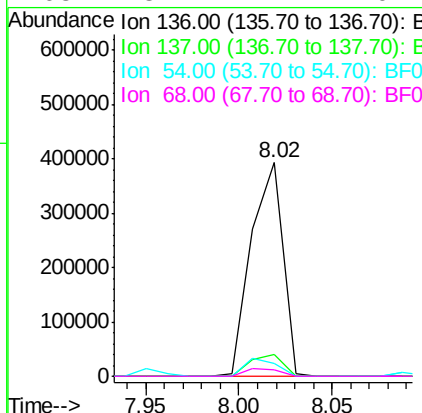
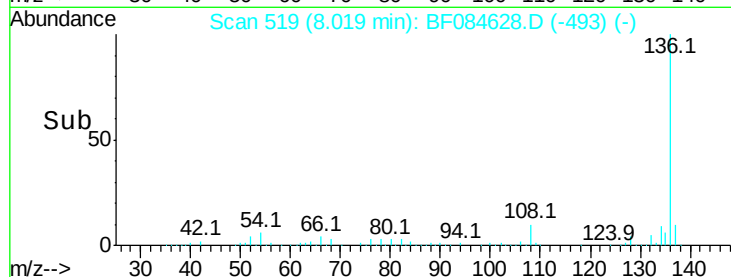
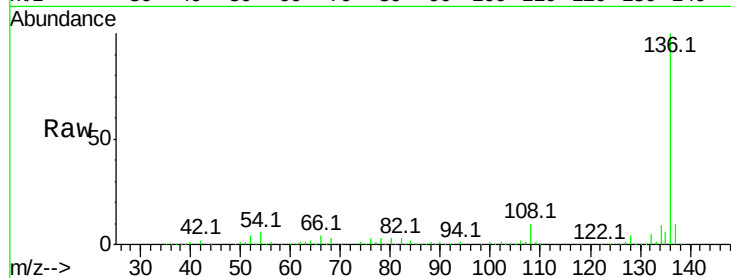
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.00 min
Lab File: BF084628.D
Acq: 29 Jan 2016 11:02

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
136	100	460988		
137	10.1	8.7	13.1	
54	6.2	5.8	8.8	
68	3.1	4.2	6.2#	

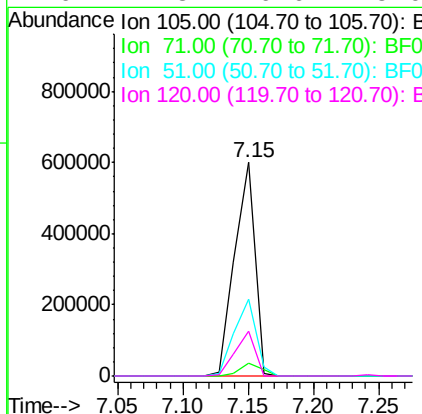
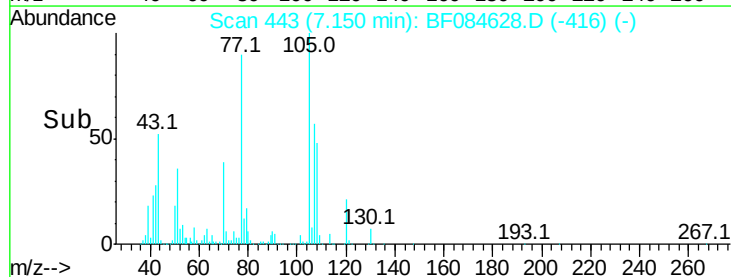
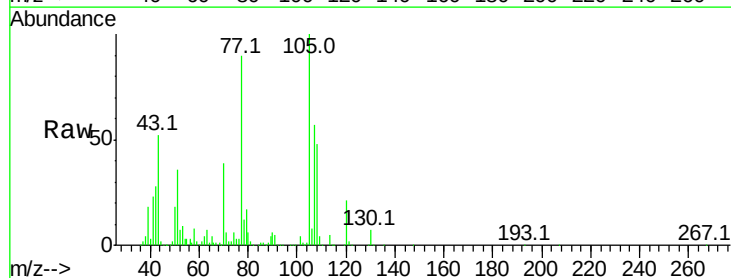
Manual Integrations
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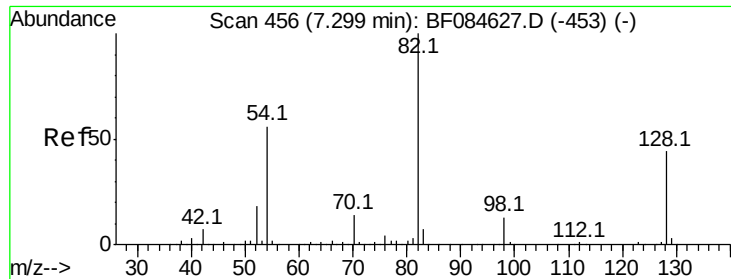
mohammad
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#22
Acetophenone
Concen: 58.28 ng
RT: 7.15 min Scan# 443
Delta R.T. 0.01 min
Lab File: BF084628.D
Acq: 29 Jan 2016 11:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	646003		
71	6.2	3.7	5.5#	
51	36.0	25.1	37.7	
120	21.3	16.6	25.0	





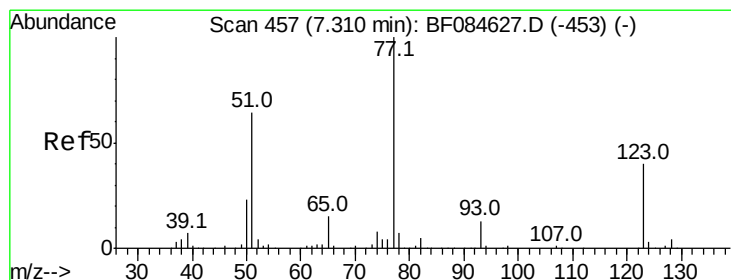
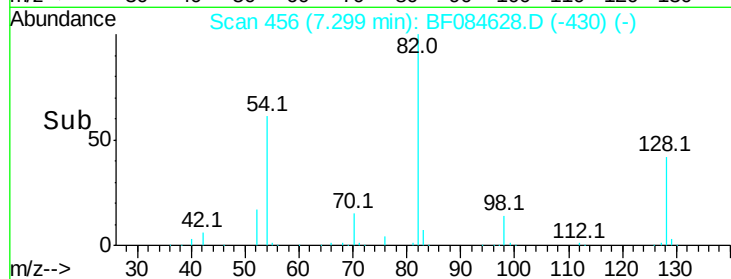
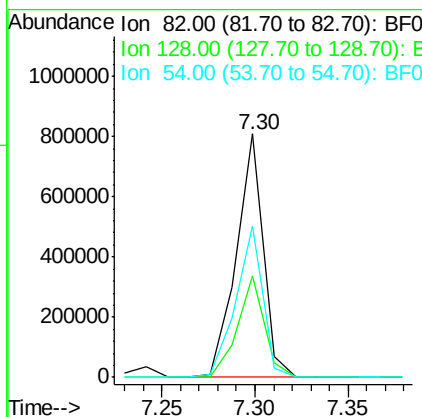
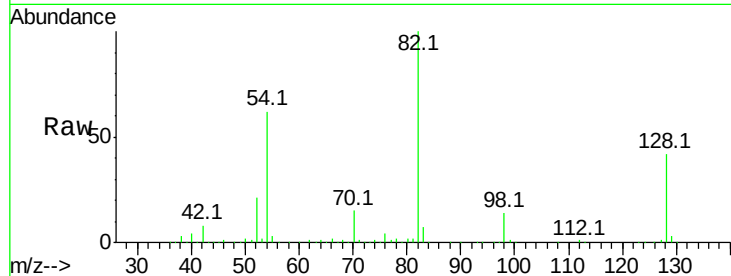
#23
 Nitrobenzene-d5
 Concen: 98.45 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.00 min
 Lab File: BF084628.D
 Acq: 29 Jan 2016 11:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.9	34.6	51.8
54	62.1	38.4	57.6

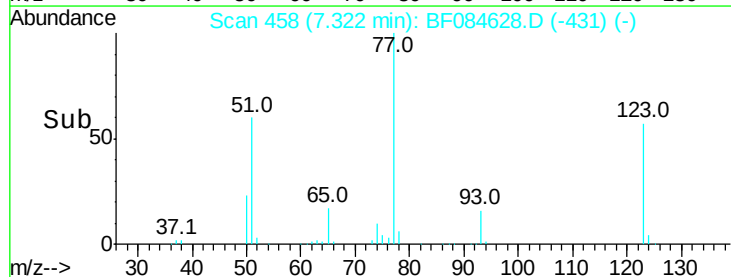
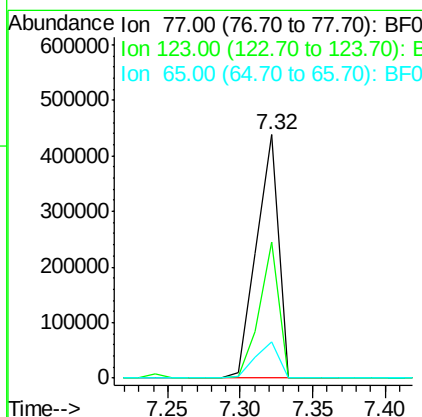
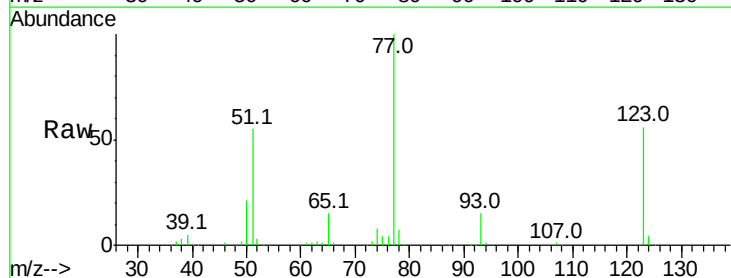
Manual Integrations
 APPROVED

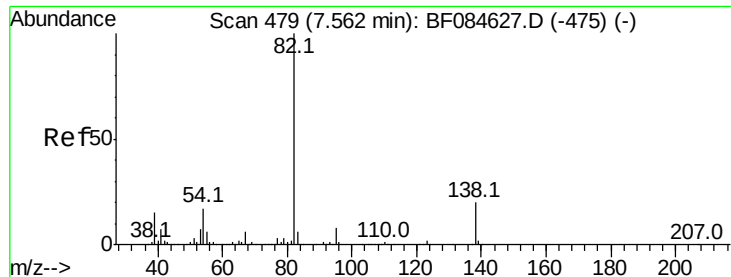
mohammad
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#24
 Nitrobenzene
 Concen: 55.18 ng
 RT: 7.32 min Scan# 458
 Delta R.T. 0.01 min
 Lab File: BF084628.D
 Acq: 29 Jan 2016 11:02

Tgt Ion	Ratio	Lower	Upper
77	100		
123	56.1	37.4	56.2
65	14.8	10.9	16.3





#25

Isophorone

Concen: 48.57 ng

RT: 7.56 min Scan# 479

Delta R.T. -0.00 min

Lab File: BF084628.D

Acq: 29 Jan 2016 11:02

Instrument :

BNA_F

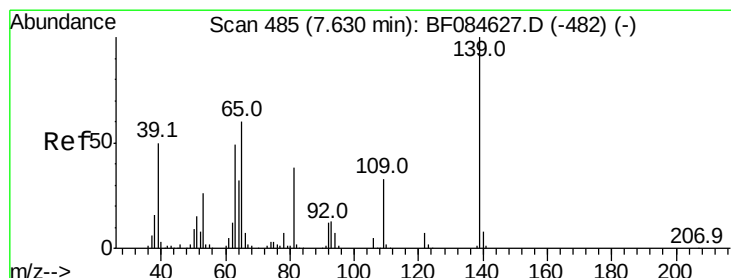
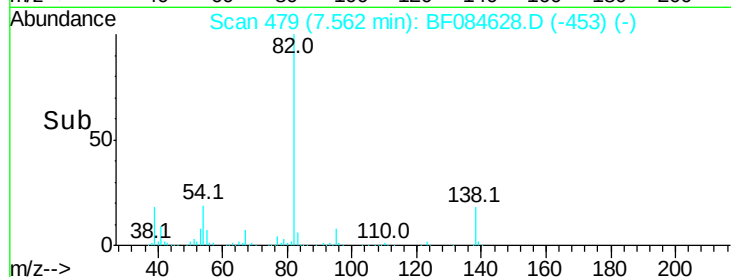
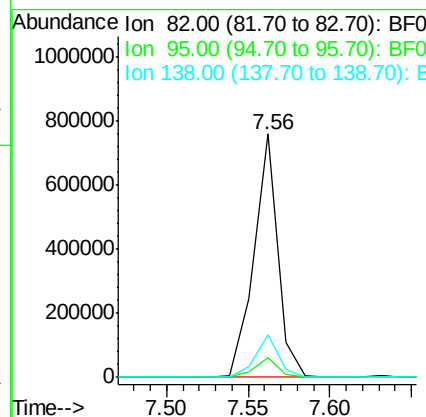
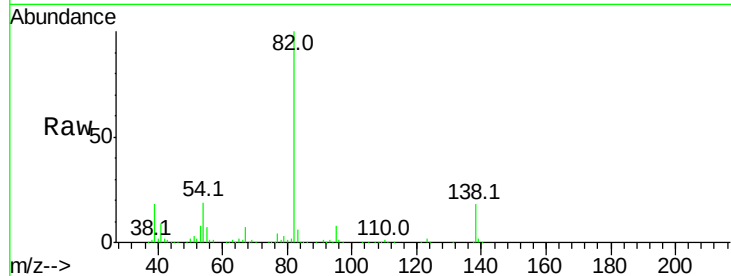
ClientSampleId :

SSTDIC050

Tot Ion:	82	Resp:	769410
Ion Ratio	Lower	Upper	
82	100		
95	8.1	6.6	10.0
138	17.6	13.6	20.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 51.16 ng

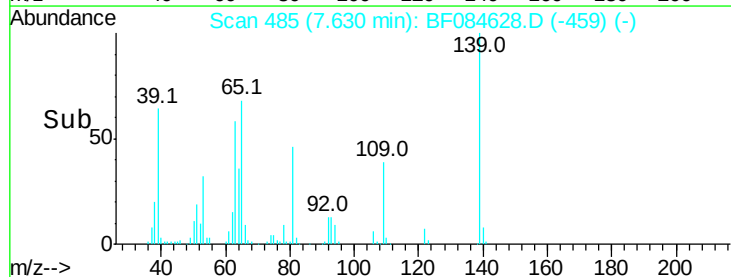
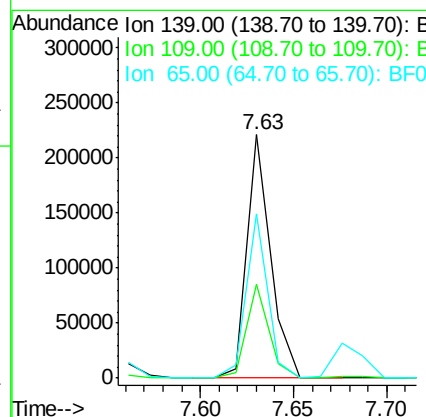
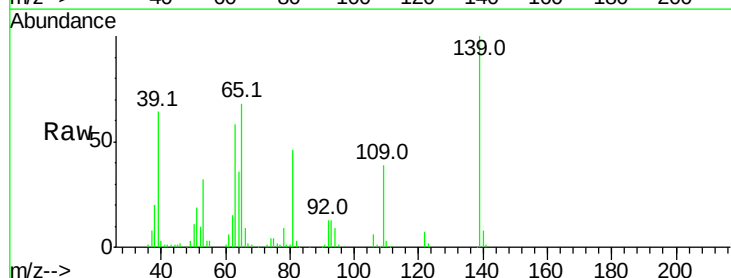
RT: 7.63 min Scan# 485

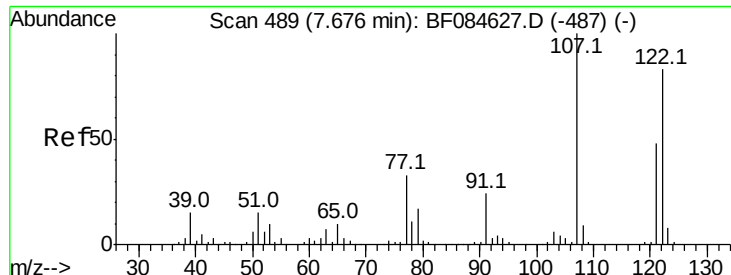
Delta R.T. -0.00 min

Lab File: BF084628.D

Acq: 29 Jan 2016 11:02

Tgt Ion:	139	Resp:	195616
Ion Ratio	Lower	Upper	
139	100		
109	38.8	25.4	38.2#
65	67.6	32.3	48.5#





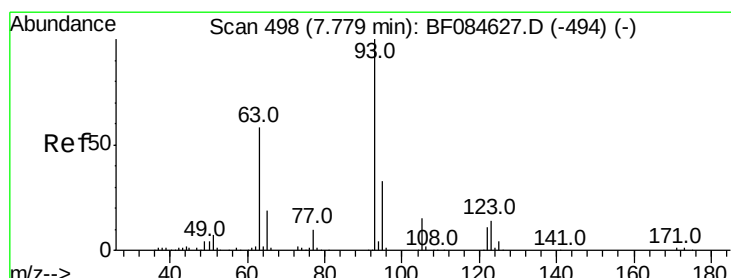
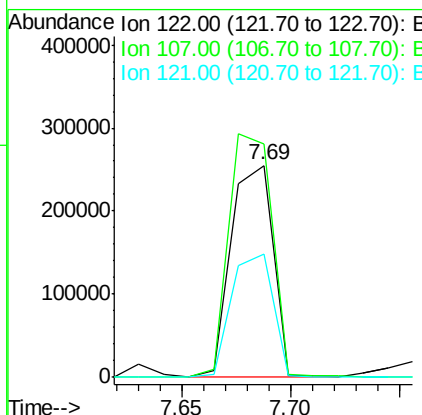
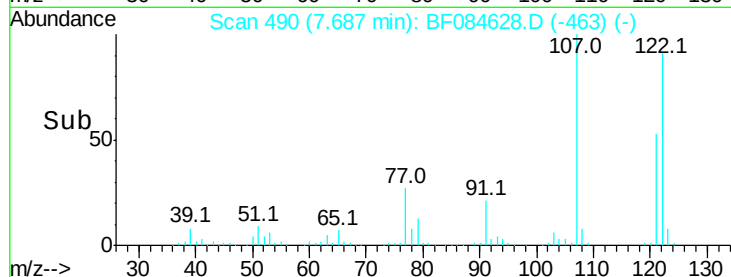
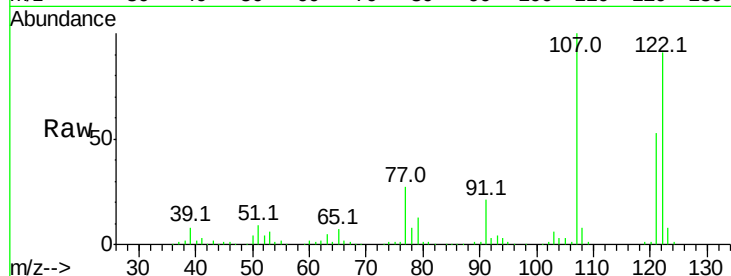
#27
 2,4-Dimethylphenol
 Concen: 44.41 ng
 RT: 7.69 min Scan# 490
 Delta R.T. 0.01 min
 Lab File: BF084628.D
 Acq: 29 Jan 2016 11:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
122	100	343711		
107	109.9	99.1	148.7	
121	58.2	47.9	71.9	

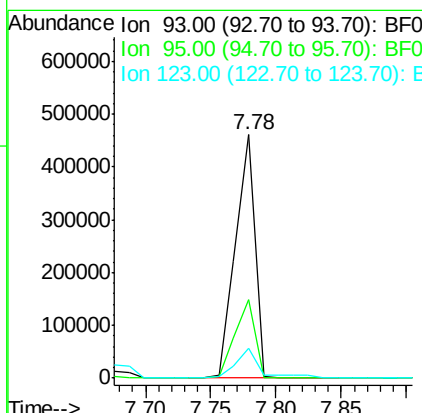
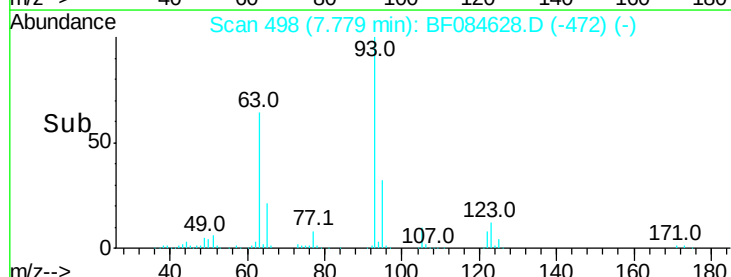
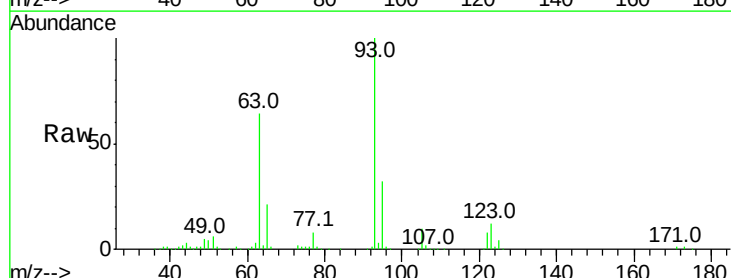
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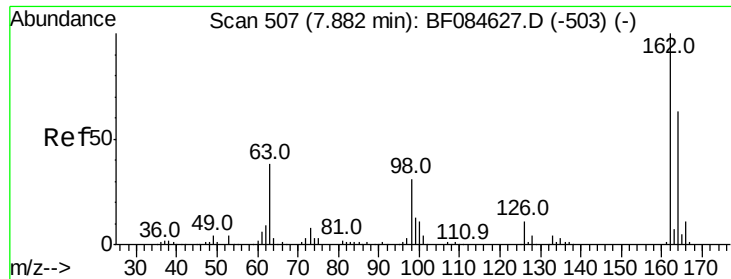
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 49.12 ng
 RT: 7.78 min Scan# 498
 Delta R.T. -0.00 min
 Lab File: BF084628.D
 Acq: 29 Jan 2016 11:02

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	475322		
95	32.3	25.8	38.6	
123	12.3	8.6	12.8	





#29

2,4-Dichlorophenol

Concen: 51.46 ng

RT: 7.88 min Scan# 507

Delta R.T. -0.00 min

Lab File: BF084628.D

Acq: 29 Jan 2016 11:02

Instrument :

BNA_F

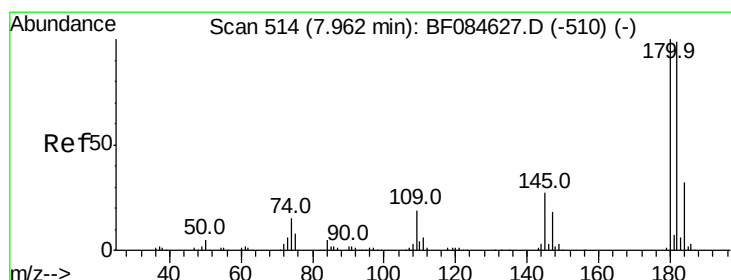
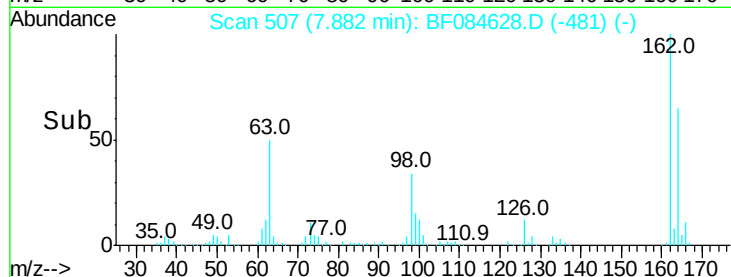
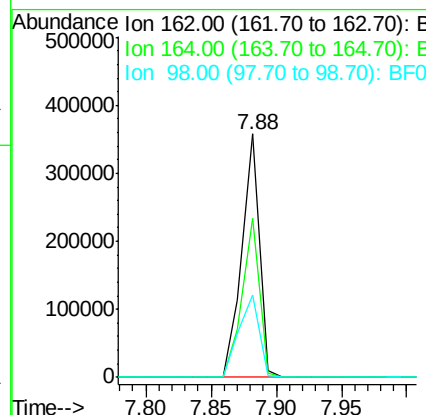
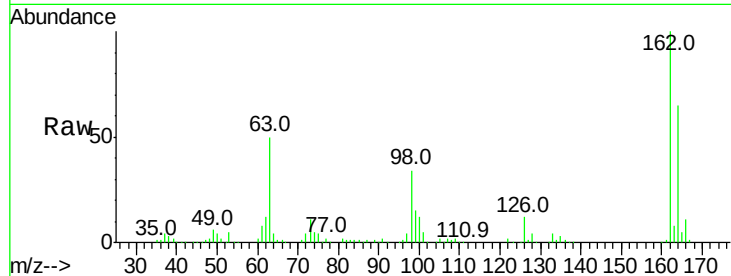
ClientSampleId :

SSTDIC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		331726		
164	65.1	44.1	84.1		
98	33.9	20.2	60.2		

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#30

1,2,4-Trichlorobenzene

Concen: 55.93 ng

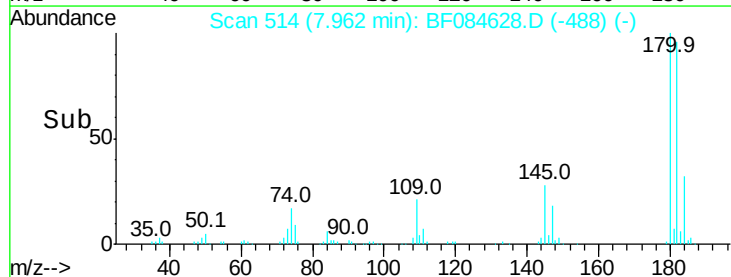
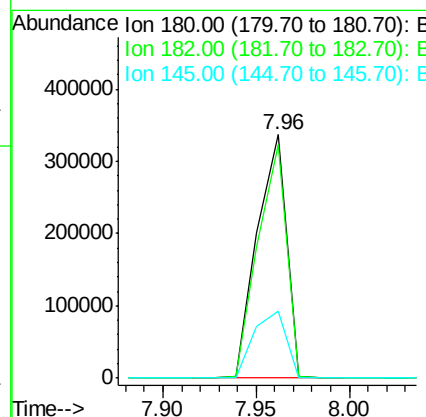
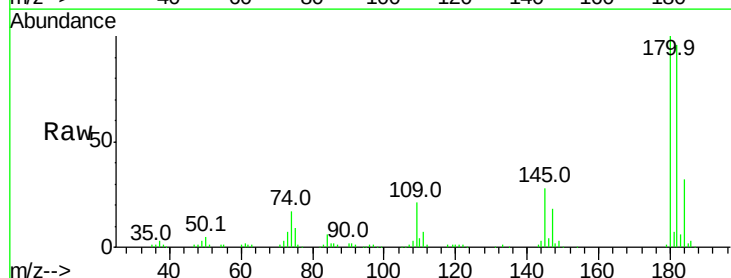
RT: 7.96 min Scan# 514

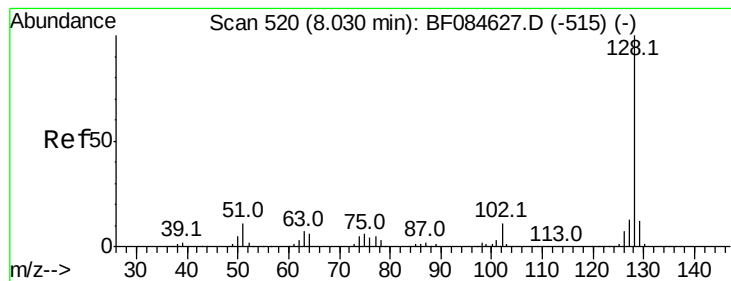
Delta R.T. -0.00 min

Lab File: BF084628.D

Acq: 29 Jan 2016 11:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		372228		
182	95.7	76.4	114.6		
145	27.5	31.6	47.4#		





#31

Naphthalene

Concen: 52.36 ng

RT: 8.04 min Scan# 521

Delta R.T. 0.01 min

Lab File: BF084628.D

Acq: 29 Jan 2016 11:02

Instrument :

BNA_F

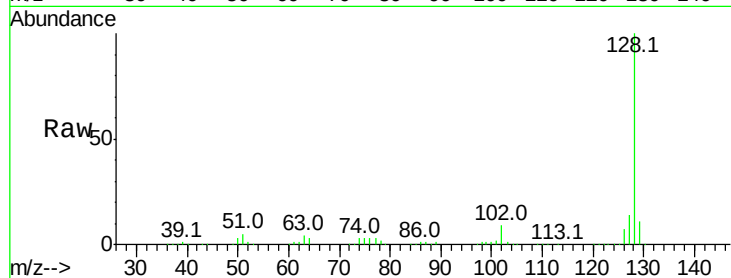
ClientSampleId :

SSTDIC050

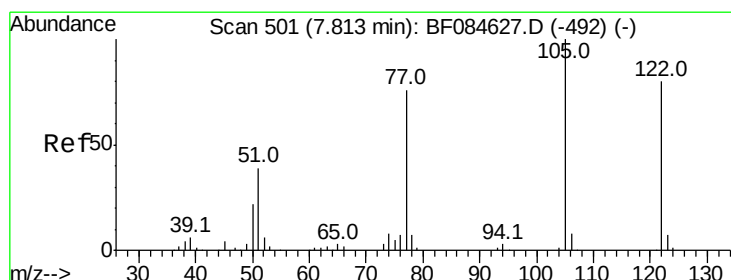
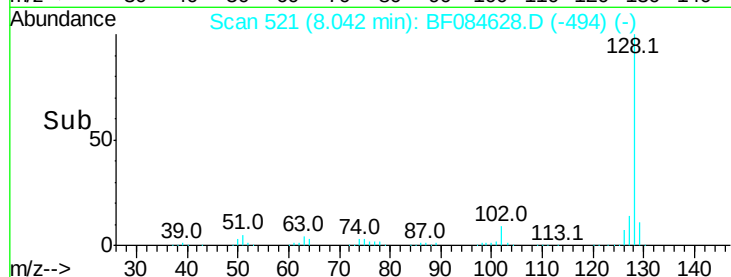
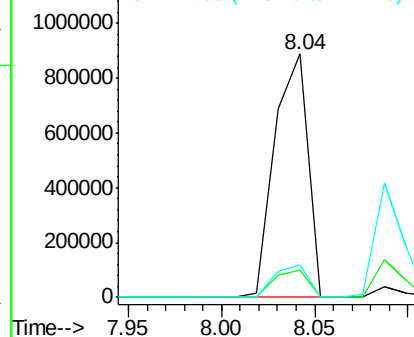
Tot Ion:128	Resp: 1095165
Ion Ratio	Lower Upper
128 100	
129 11.0	9.1 13.7
127 13.5	11.1 16.7

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 60.83 ng

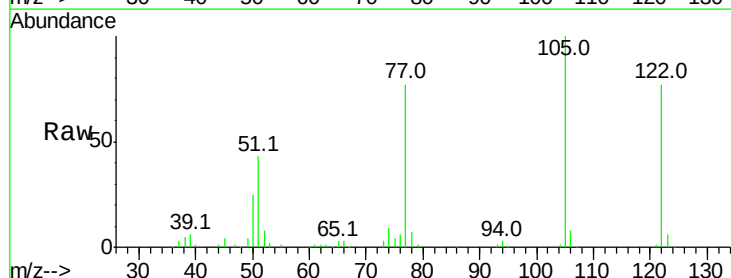
RT: 7.82 min Scan# 502

Delta R.T. 0.01 min

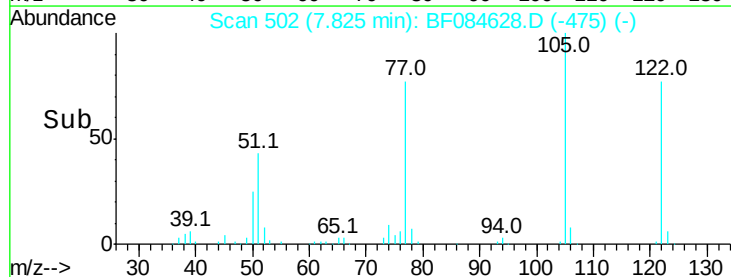
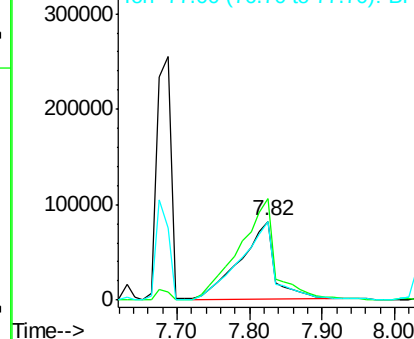
Lab File: BF084628.D

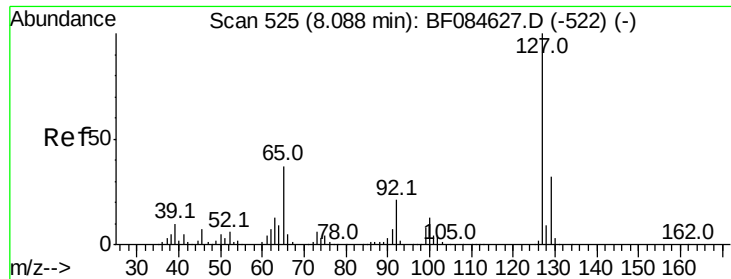
Acq: 29 Jan 2016 11:02

Tgt	Ion:122	Resp:	277790
Ion	Ratio	Lower	Upper
122	100		
105	129.2	100.3	140.3
77	99.8	63.5	103.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





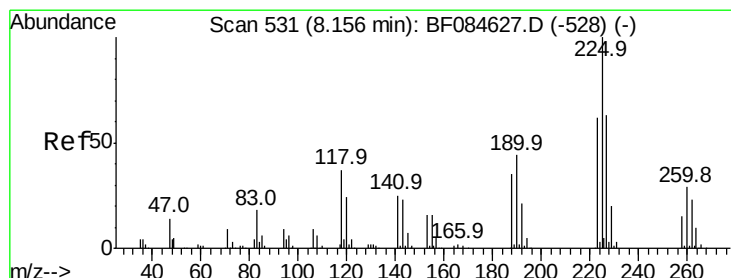
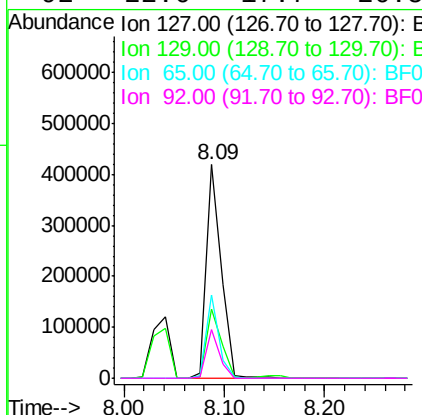
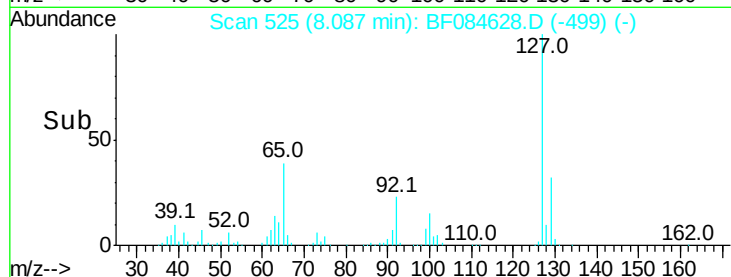
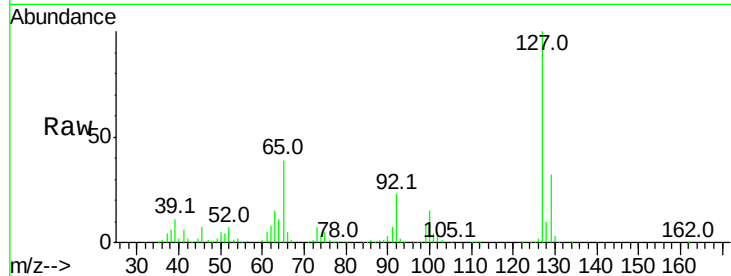
#33
4-Chloroaniline
Concen: 45.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF084628.D
Acq: 29 Jan 2016 11:02

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
431516	127	100			
	129	32.2		26.5	39.7
	65	39.3		27.2	40.8
	92	22.6		17.7	26.5

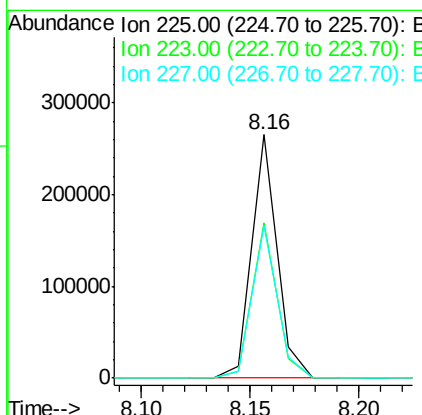
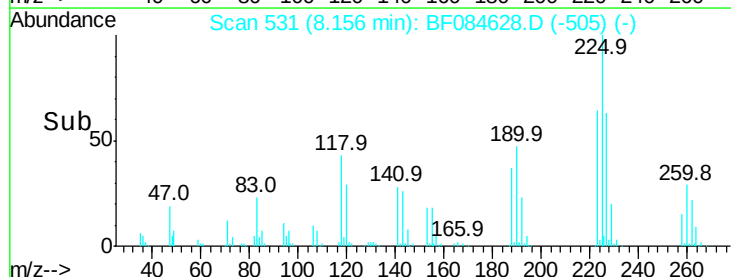
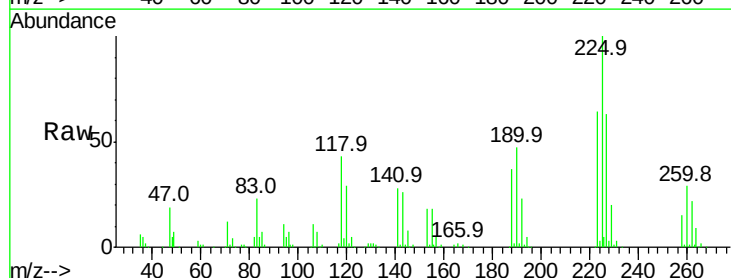
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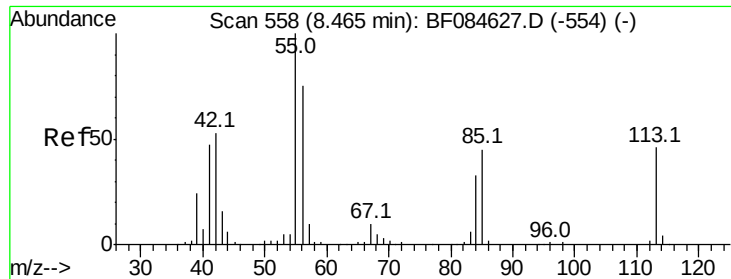
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#34
Hexachlorobutadiene
Concen: 55.97 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF084628.D
Acq: 29 Jan 2016 11:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
214107	225	100			
	223	63.9		49.4	74.0
	227	62.8		50.8	76.2





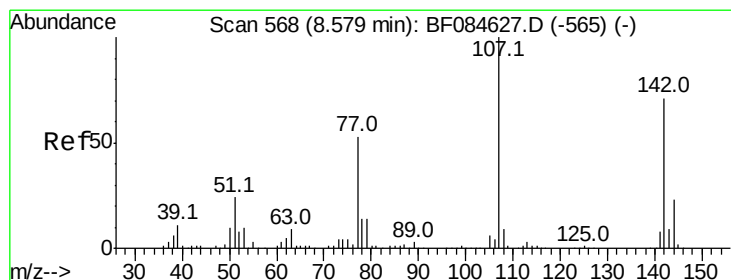
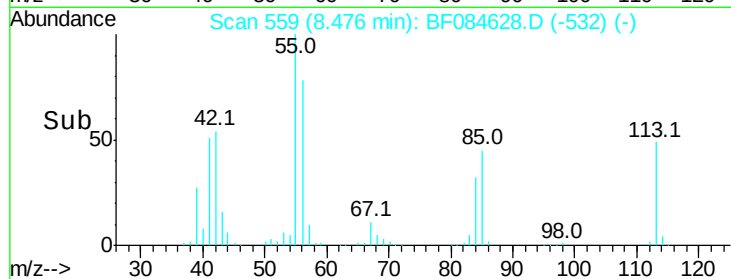
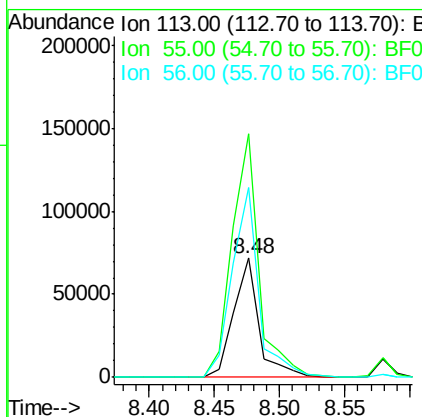
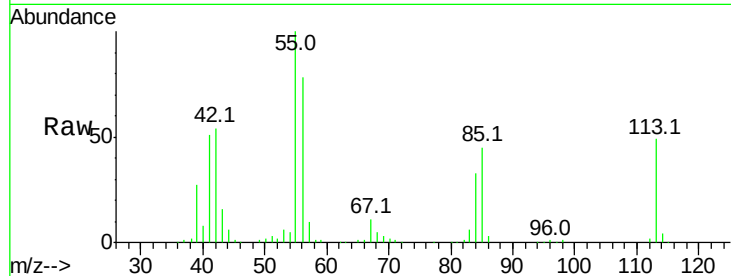
#35
 Caprolactam
 Concen: 44.00 ng
 RT: 8.48 min Scan# 559
 Delta R.T. 0.01 min
 Lab File: BF084628.D
 Acq: 29 Jan 2016 11:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
113	100		
55	204.6	116.9	156.9#
56	159.4	93.8	133.8#

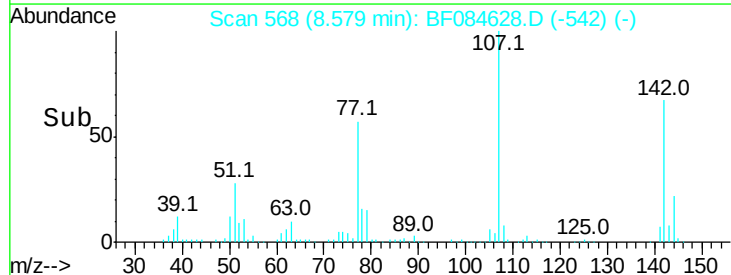
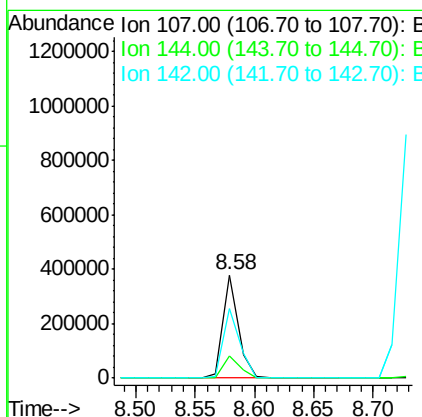
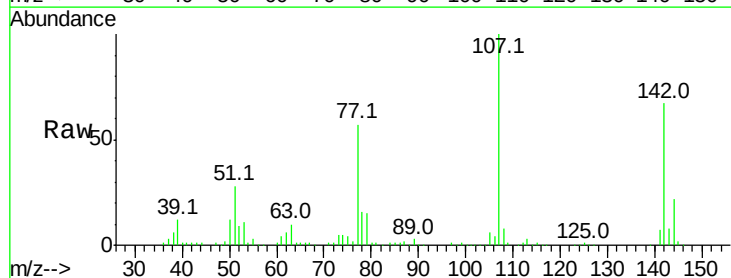
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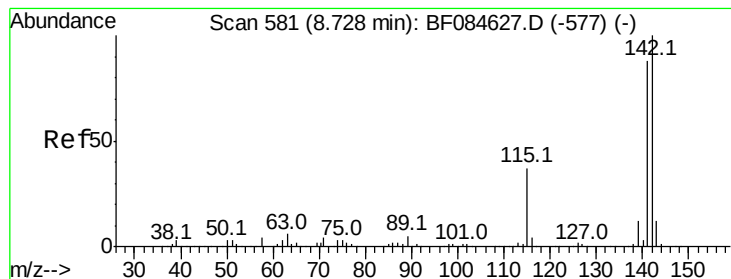
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#36
 4-Chloro-3-methylphenol
 Concen: 46.76 ng
 RT: 8.58 min Scan# 568
 Delta R.T. -0.00 min
 Lab File: BF084628.D
 Acq: 29 Jan 2016 11:02

Tgt Ion	Ratio	Lower	Upper
107	100		
144	21.5	19.7	29.5
142	67.0	61.8	92.6





#37

2-Methylnaphthalene

Concen: 48.23 ng

RT: 8.73 min Scan# 581

Delta R.T. -0.00 min

Lab File: BF084628.D

Acq: 29 Jan 2016 11:02

Instrument :

BNA_F

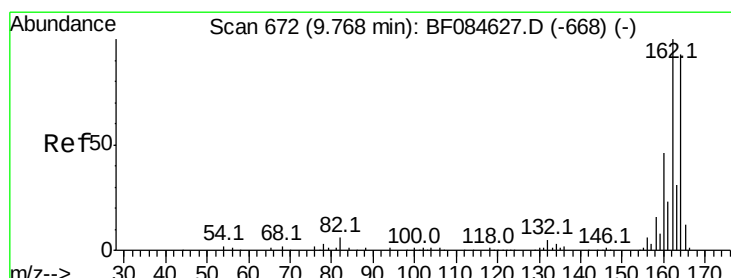
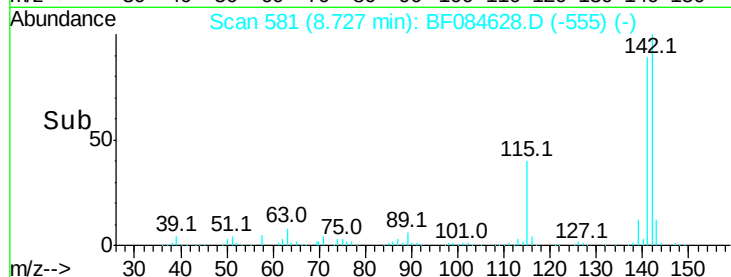
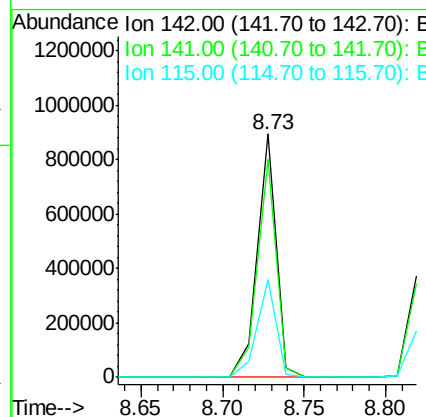
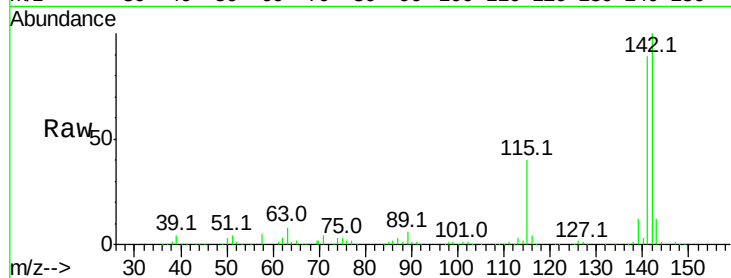
ClientSampleId :

SSTDICC050

Tot Ion:	142	Resp:	724171
Ion Ratio	Lower	Upper	
142	100		
141	89.5	72.4	108.6
115	40.2	27.9	41.9

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#38

Acenaphthene-d10

Concen: 20.00 ng

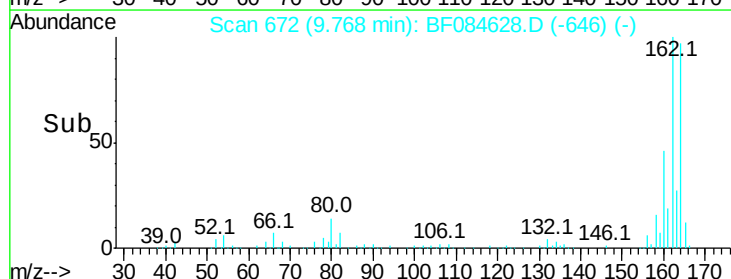
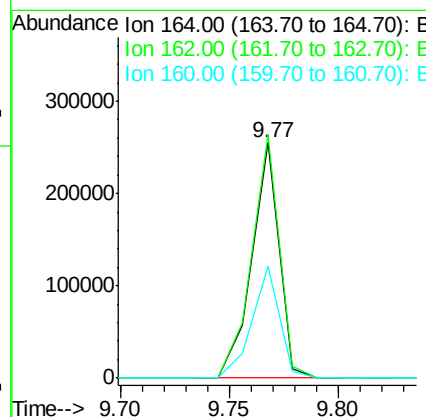
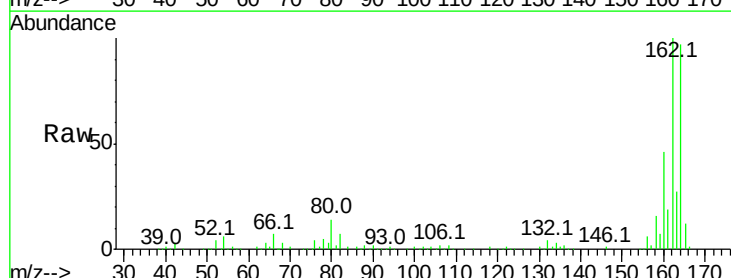
RT: 9.77 min Scan# 672

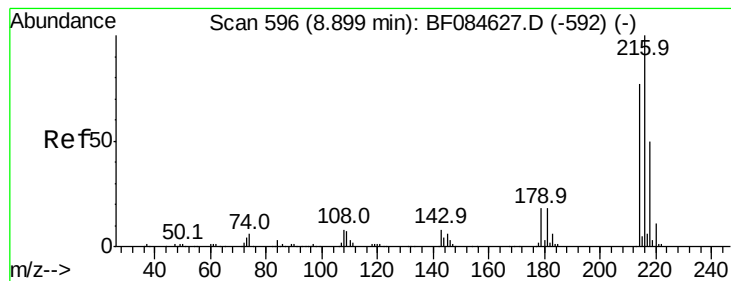
Delta R.T. -0.00 min

Lab File: BF084628.D

Acq: 29 Jan 2016 11:02

Tgt Ion:	164	Resp:	220898
Ion Ratio	Lower	Upper	
164	100		
162	103.2	85.1	127.7
160	47.6	37.5	56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 54.75 ng

RT: 8.90 min Scan# 596

Delta R.T. -0.00 min

Lab File: BF084628.D

Acq: 29 Jan 2016 11:02

Instrument :

BNA_F

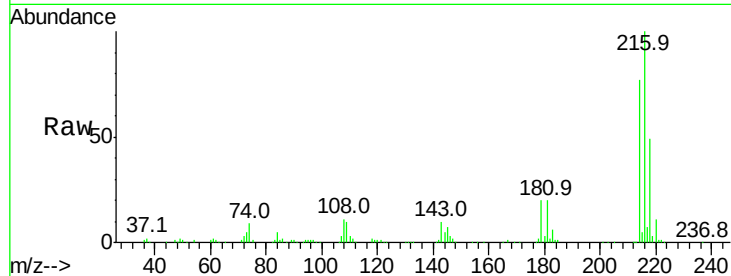
ClientSampleId :

SSTDICC050

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.9	64.2	96.2
179	22.7	18.7	28.1
108	20.0	16.8	25.2

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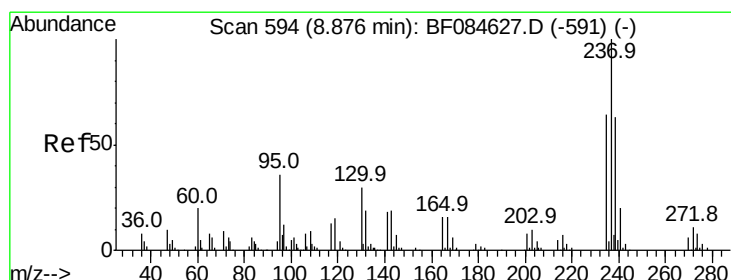
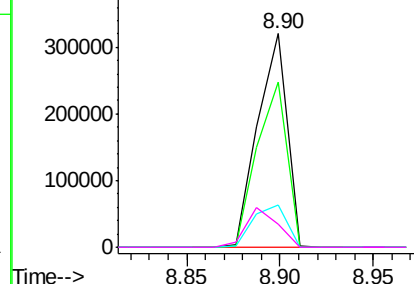
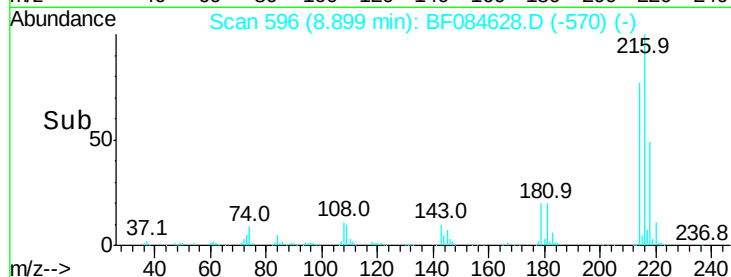


Abundance Ion 216.00 (215.70 to 216.70): E

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: 45.05 ng

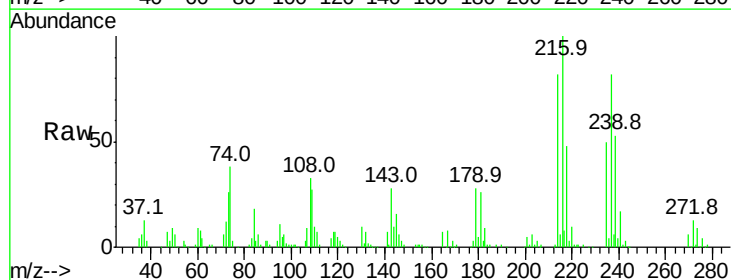
RT: 8.89 min Scan# 595

Delta R.T. 0.01 min

Lab File: BF084628.D

Acq: 29 Jan 2016 11:02

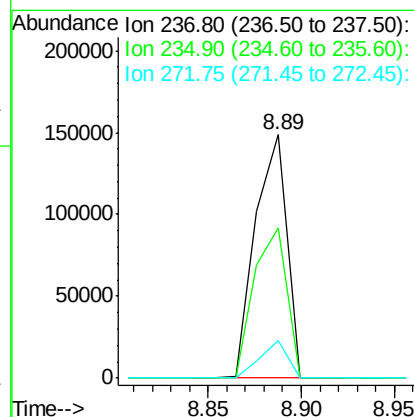
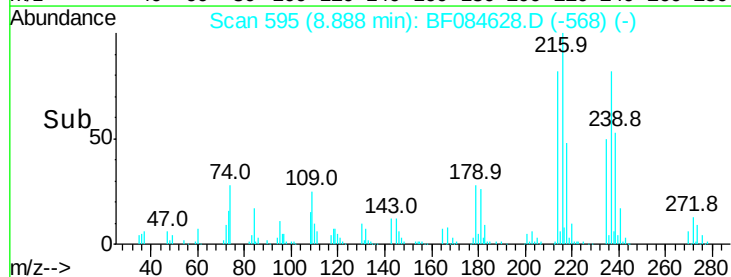
Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	61.5	43.1	83.1
272	15.5	0.0	35.1

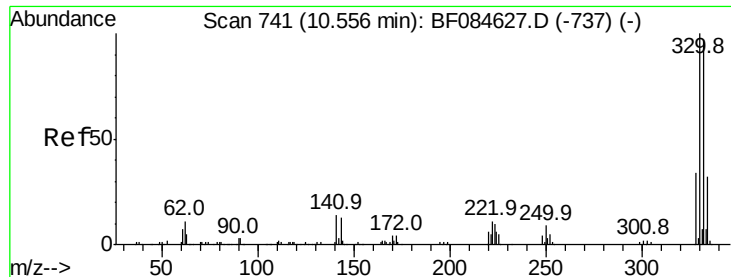


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





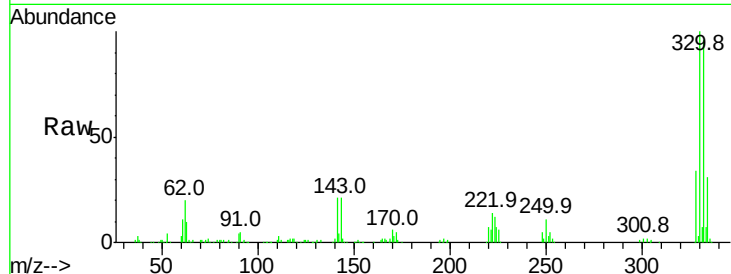
#41
 2,4,6-Tribromophenol
 Concen: 111.39 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BF084628.D
 Acq: 29 Jan 2016 11:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

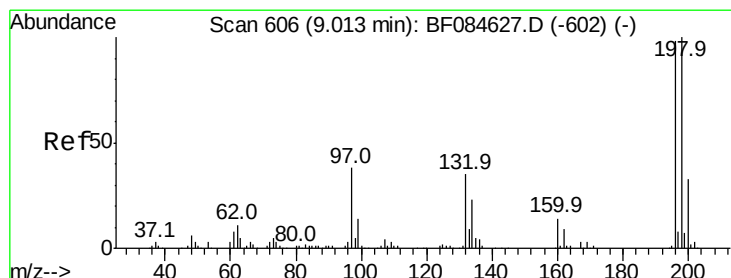
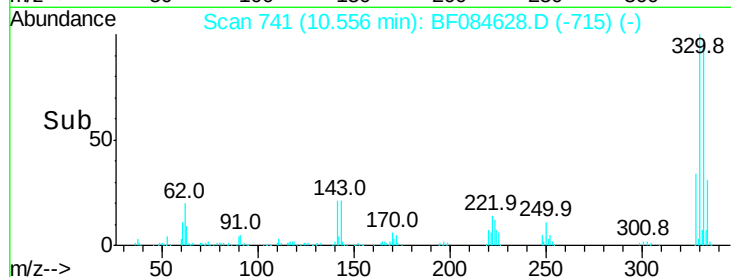
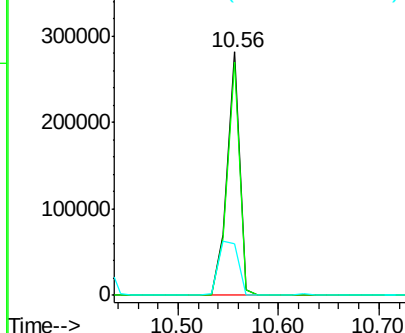
Tot Ion	Ratio	Resp	Lower	Upper
330	100	248410		
332	95.7	76.6	114.8	
141	34.9	27.8	41.6	

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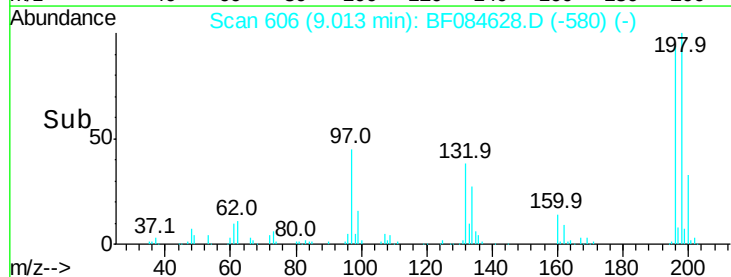
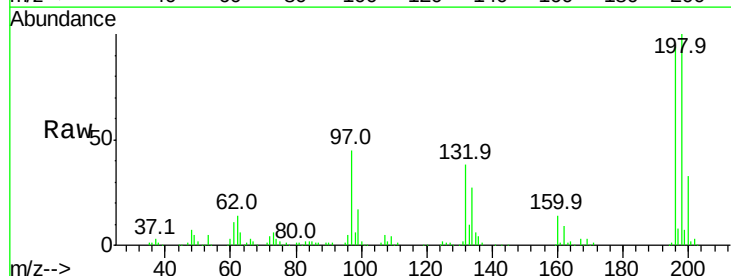
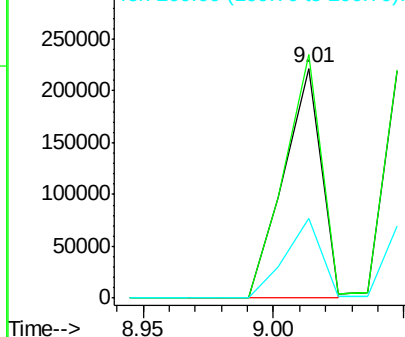
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

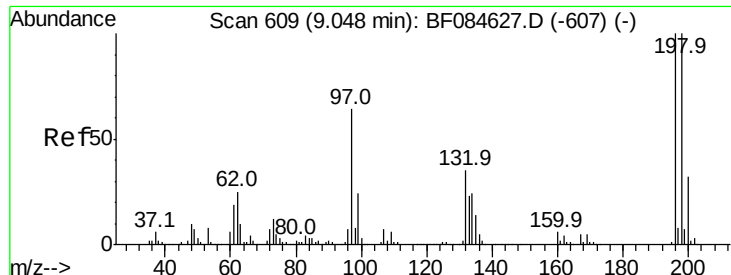


#42
 2,4,6-Trichlorophenol
 Concen: 46.59 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF084628.D
 Acq: 29 Jan 2016 11:02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	221369		
198	106.0	77.7	116.5	
200	34.5	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





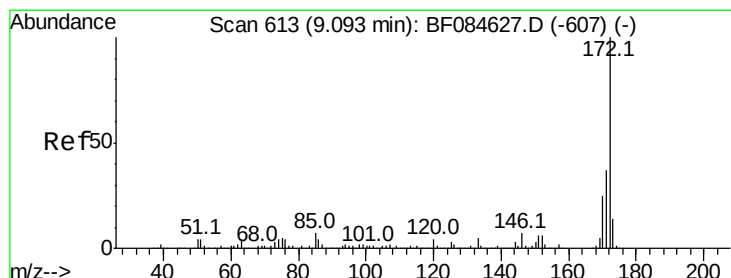
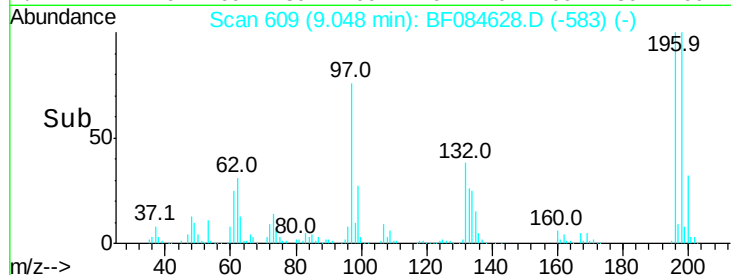
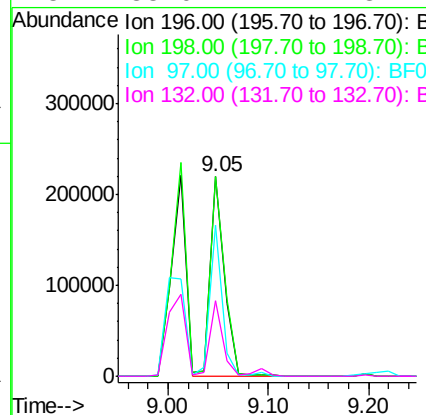
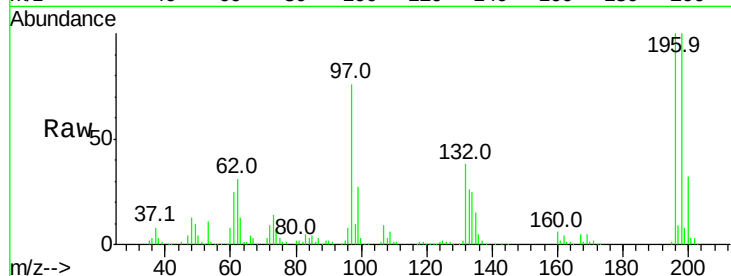
#43
 2,4,5-Trichlorophenol
 Concen: 46.79 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: BF084628.D
 Acq: 29 Jan 2016 11:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
196	100	213106		
198	100.4	79.0	118.6	
97	75.9	33.0	49.6	
132	38.0	21.1	31.7	

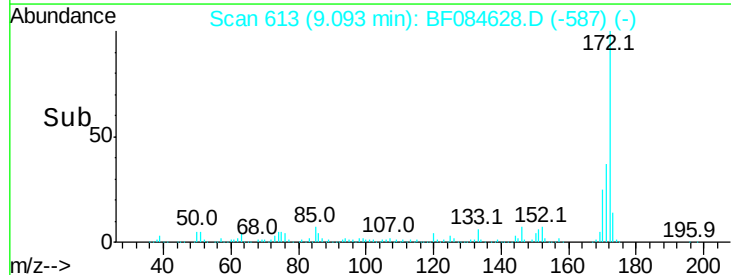
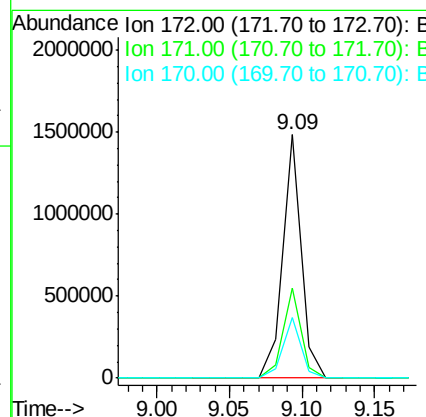
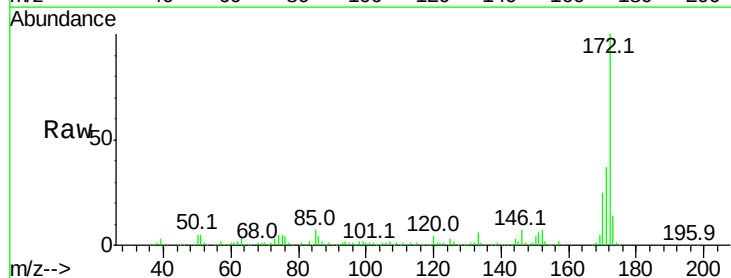
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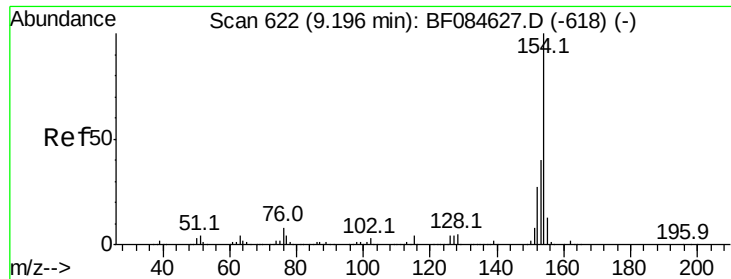
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 90.19 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF084628.D
 Acq: 29 Jan 2016 11:02

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1311754		
171	37.2	28.9	43.3	
170	25.1	18.6	27.8	





#45

1,1'-Biphenyl

Concen: 59.44 ng

RT: 9.20 min Scan# 622

Delta R.T. -0.00 min

Lab File: BF084628.D

Acq: 29 Jan 2016 11:02

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:154 Resp: 1043531

Ion Ratio Lower Upper

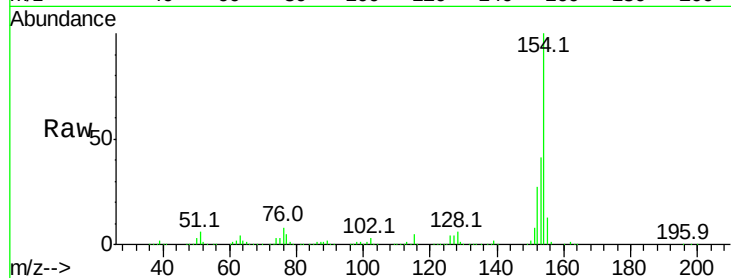
154 100

153 40.6 21.6 61.6

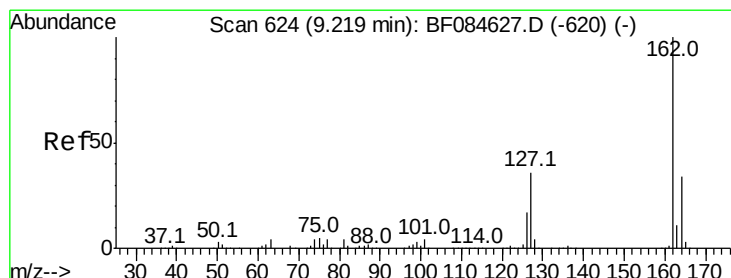
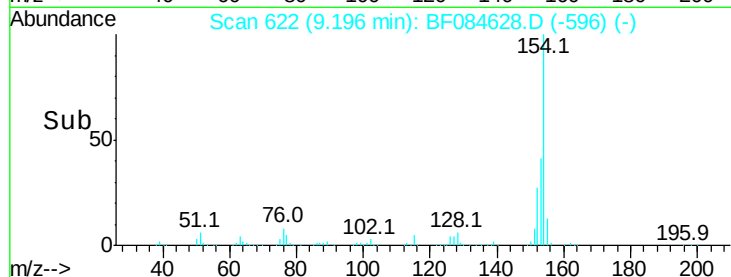
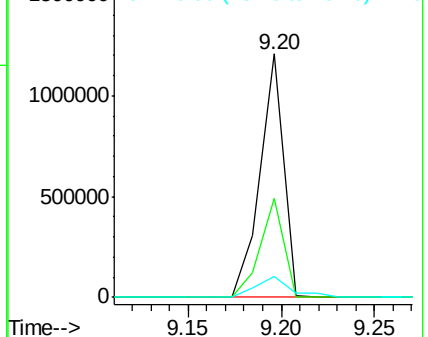
76 8.5 0.0 32.7

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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): BFO



#46

2-Chloronaphthalene

Concen: 53.49 ng

RT: 9.22 min Scan# 624

Delta R.T. -0.00 min

Lab File: BF084628.D

Acq: 29 Jan 2016 11:02

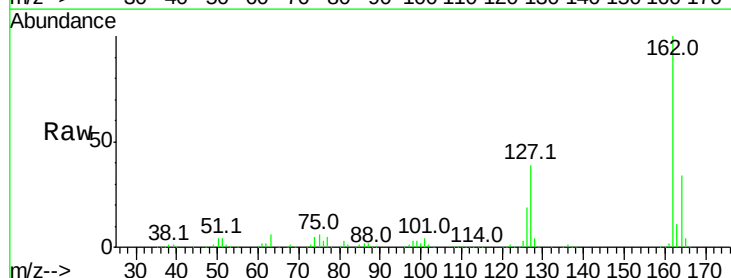
Tgt Ion:162 Resp: 737622

Ion Ratio Lower Upper

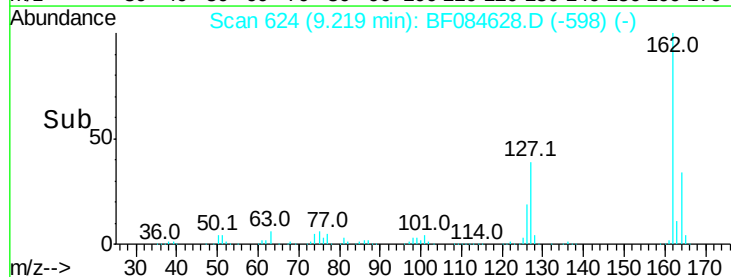
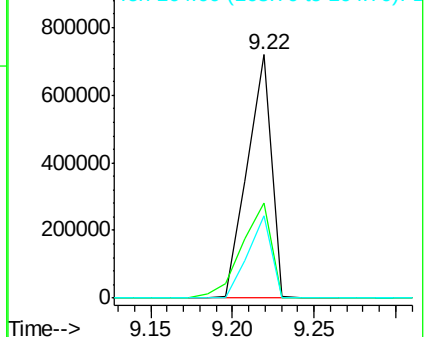
162 100

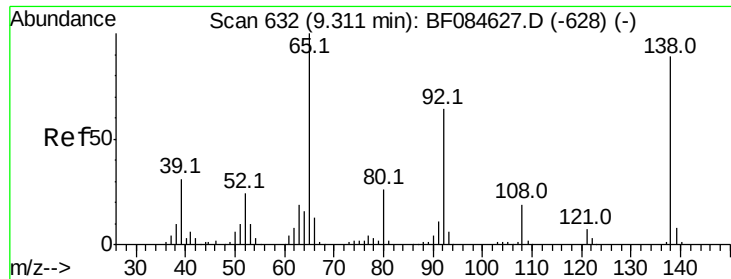
127 39.3 40.2 60.4#

164 33.8 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: 44.49 ng

RT: 9.31 min Scan# 632

Delta R.T. -0.00 min

Lab File: BF084628.D

Acq: 29 Jan 2016 11:02

Instrument :

BNA_F

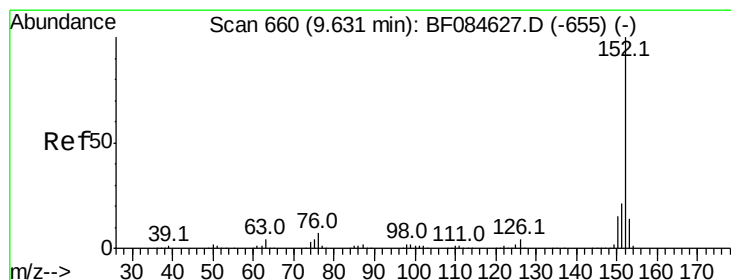
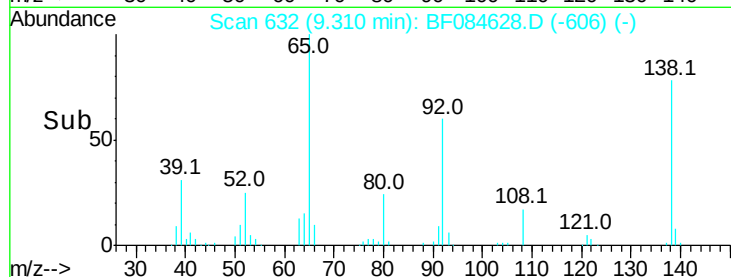
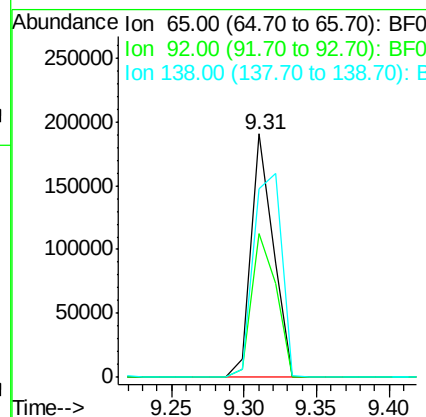
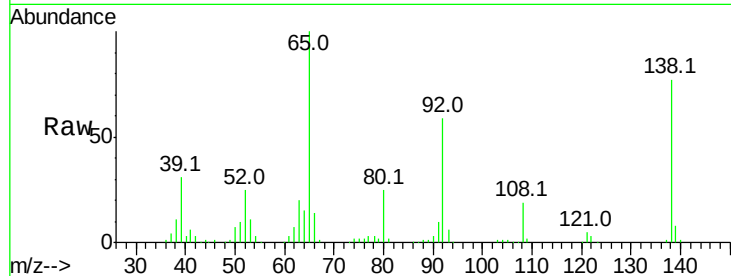
ClientSampleId :

SSTDIC050

Tot Ion:	65	Resp:	202496
Ion	Ratio	Lower	Upper
65	100		
92	59.1	53.4	80.2
138	77.3	71.1	106.7

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#48

Acenaphthylene

Concen: 55.75 ng

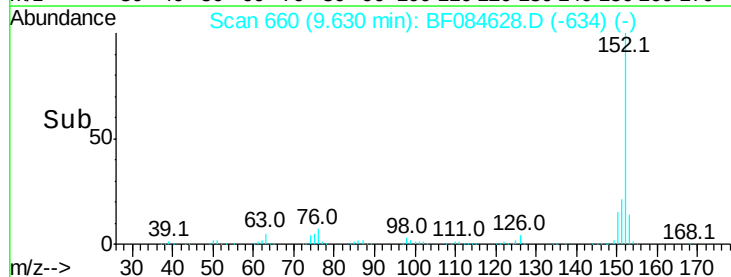
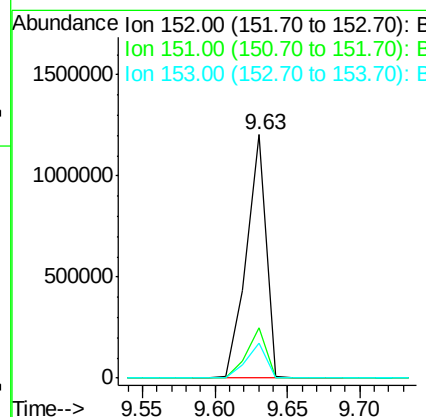
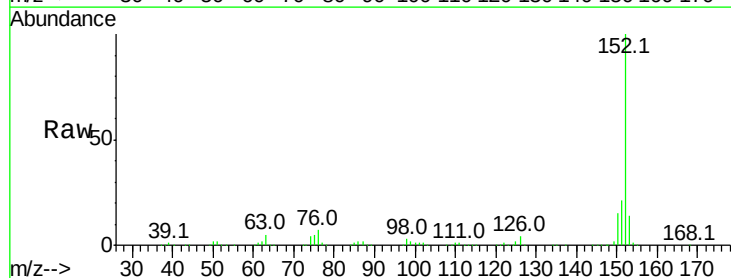
RT: 9.63 min Scan# 660

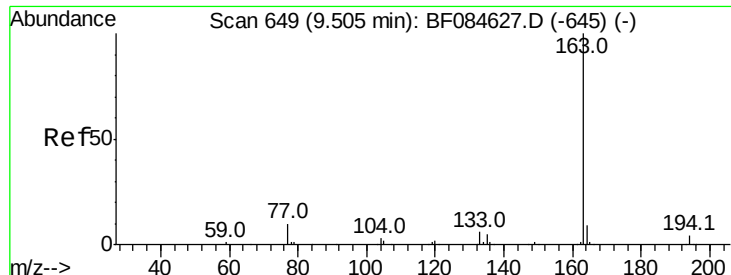
Delta R.T. -0.00 min

Lab File: BF084628.D

Acq: 29 Jan 2016 11:02

Tgt Ion:	152	Resp:	1135817
Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.3	24.5
153	14.4	10.4	15.6





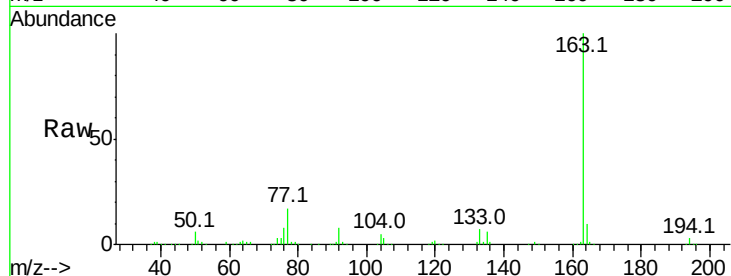
#49
Dimethylphthalate
Concen: 53.33 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.00 min
Lab File: BF084628.D
Acq: 29 Jan 2016 11:02

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
163	100	842181		
194	3.4		8.0	12.0#
164	10.1		8.0	12.0

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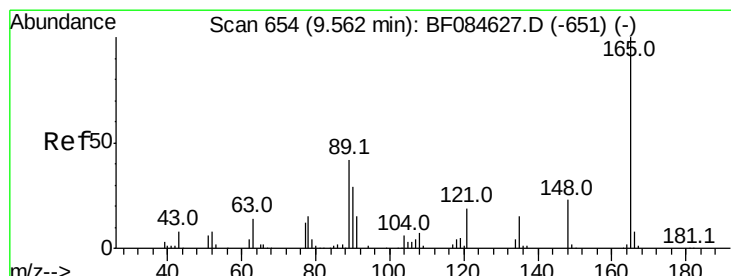
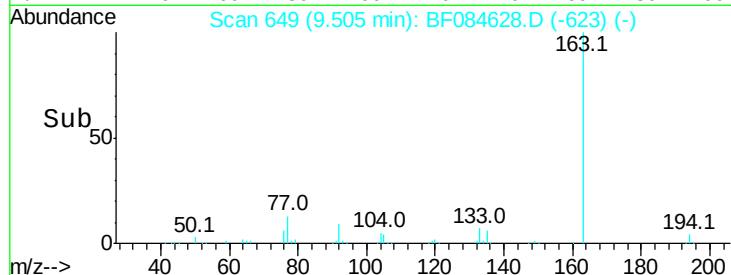
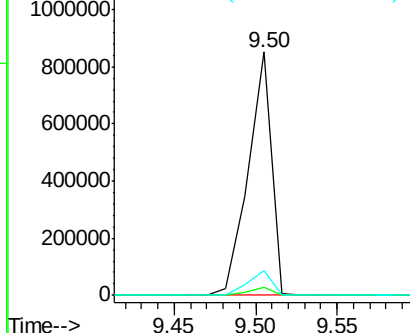


Abundance

Ion 163.00 (162.70 to 163.70): E

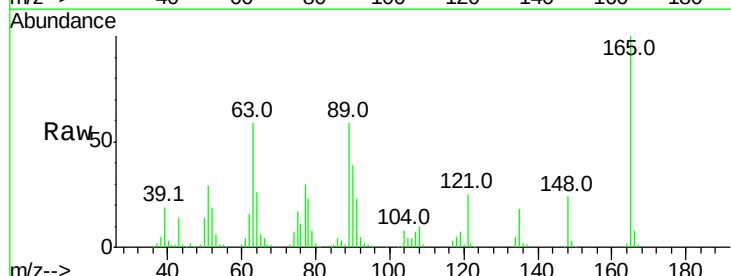
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 53.25 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.00 min
Lab File: BF084628.D
Acq: 29 Jan 2016 11:02

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	184420		
63	58.8		28.8	43.2#
89	59.0		35.1	52.7#

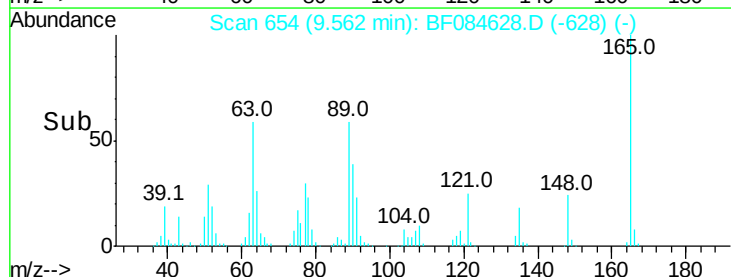
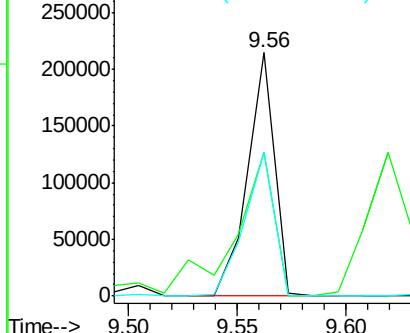


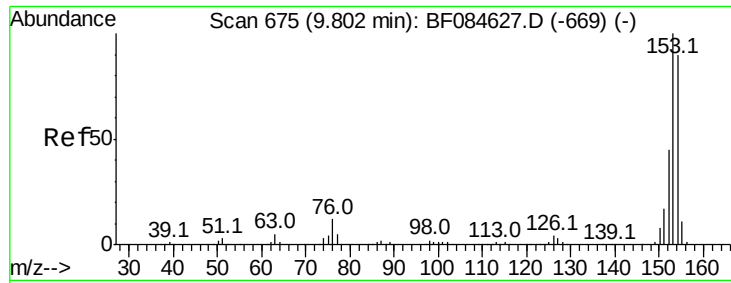
Abundance

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: 53.61 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF084628.D

Acq: 29 Jan 2016 11:02

Instrument :

BNA_F

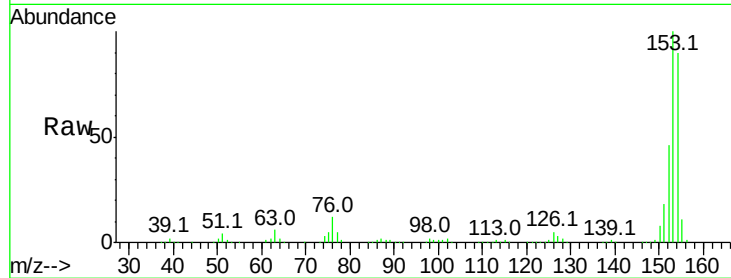
ClientSampleId :

SSTDIC050

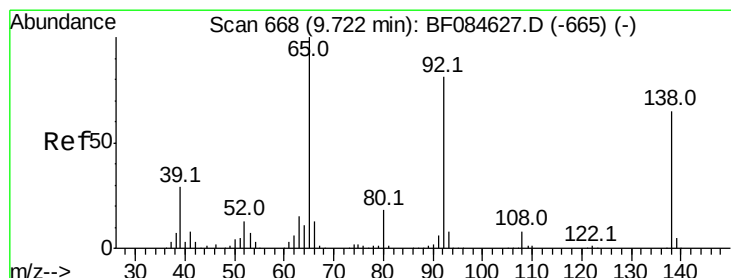
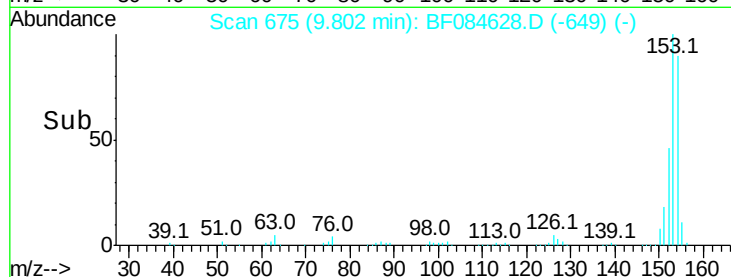
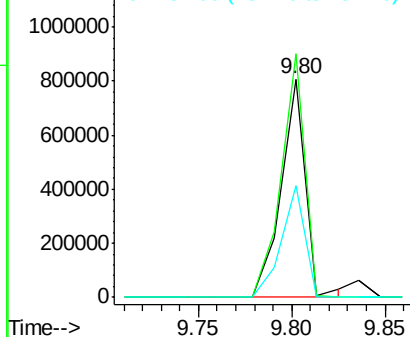
Tot Ion:	154	Resp:	732635
Ion Ratio	Lower	Upper	
154	100		
153	111.5	91.5	137.3
152	51.1	43.0	64.6

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 42.88 ng

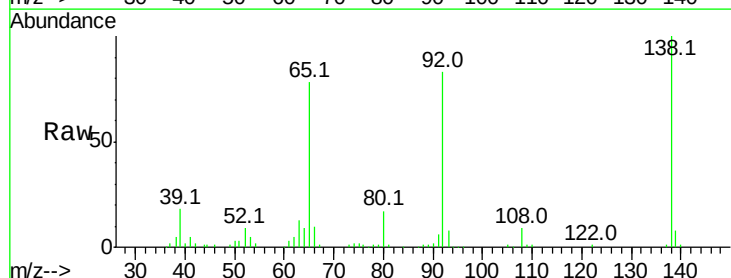
RT: 9.73 min Scan# 669

Delta R.T. 0.01 min

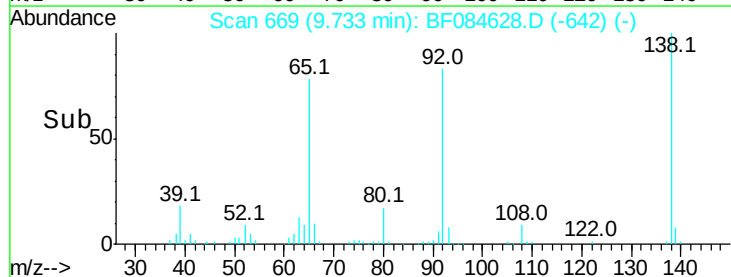
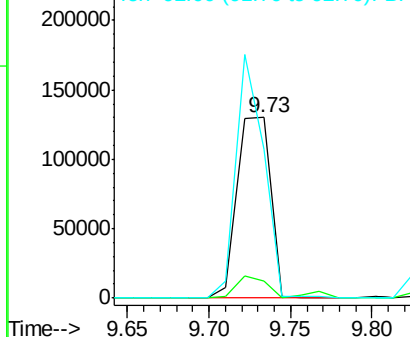
Lab File: BF084628.D

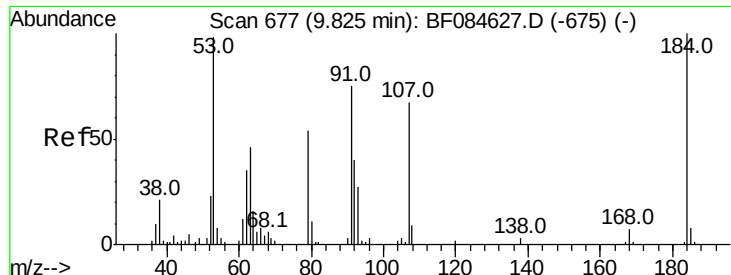
Acq: 29 Jan 2016 11:02

Tgt Ion:	138	Resp:	184022
Ion Ratio	Lower	Upper	
138	100		
108	9.1	10.5	15.7#
92	82.6	103.9	155.9#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





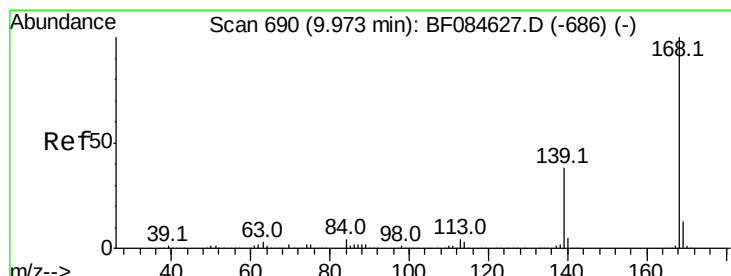
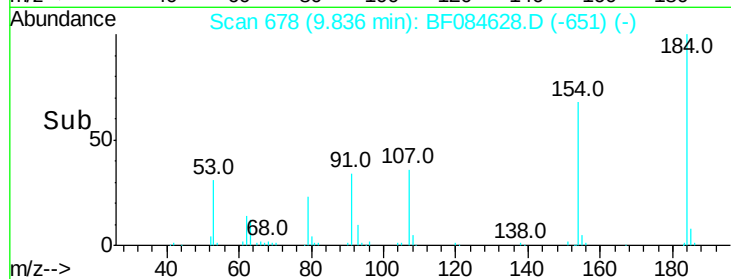
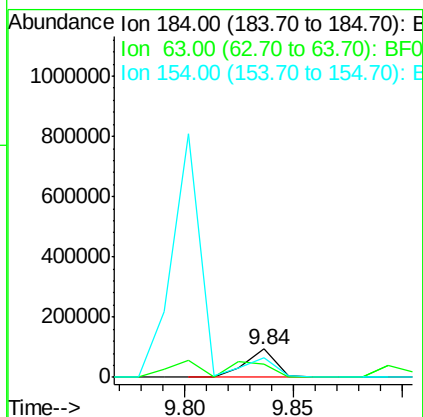
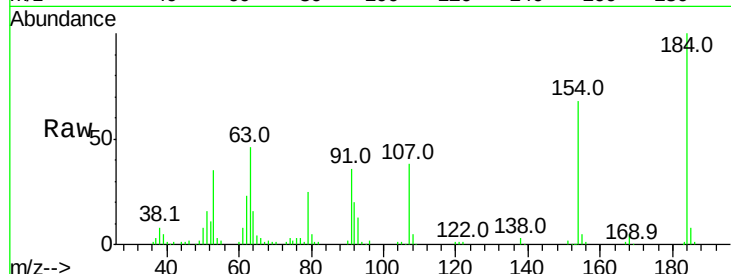
#53
 2,4-Dinitrophenol
 Concen: 88.71 ng
 RT: 9.84 min Scan# 678
 Delta R.T. 0.01 min
 Lab File: BF084628.D
 Acq: 29 Jan 2016 11:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
184	100		
63	45.8	43.1	64.7
154	67.9	60.5	90.7

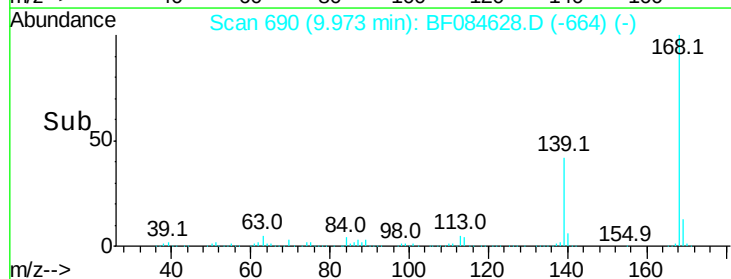
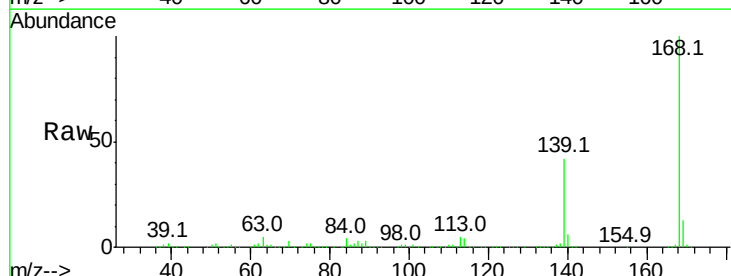
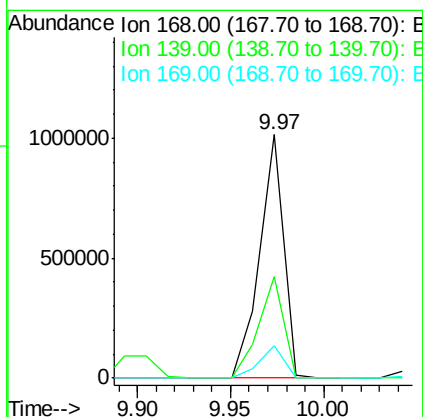
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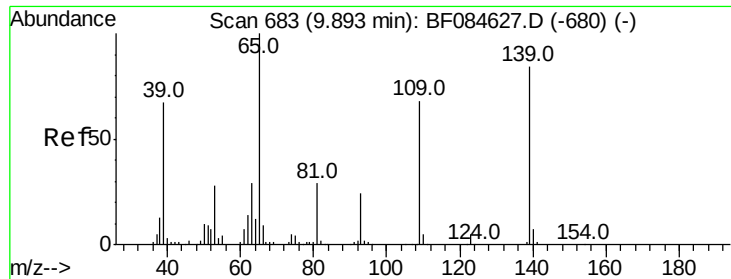
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#54
 Dibenzofuran
 Concen: 44.81 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: BF084628.D
 Acq: 29 Jan 2016 11:02

Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.0	30.5	45.7
169	13.5	10.4	15.6





#55

4-Nitrophenol

Concen: 43.41 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.01 min

Lab File: BF084628.D

Acq: 29 Jan 2016 11:02

Instrument :

BNA_F

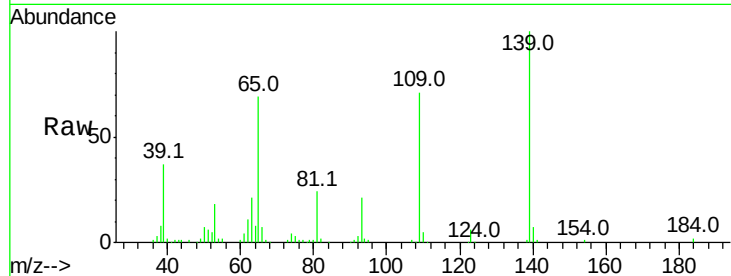
ClientSampleId :

SSTDIC050

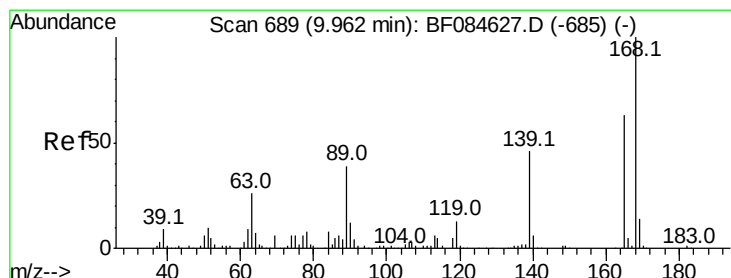
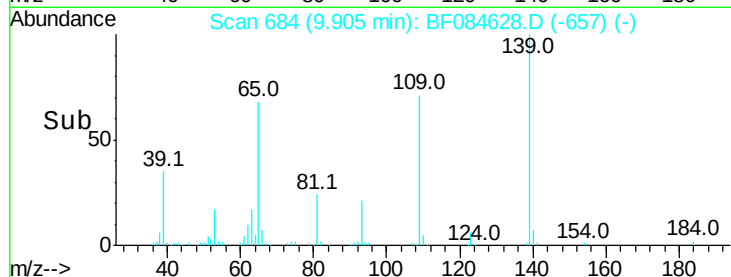
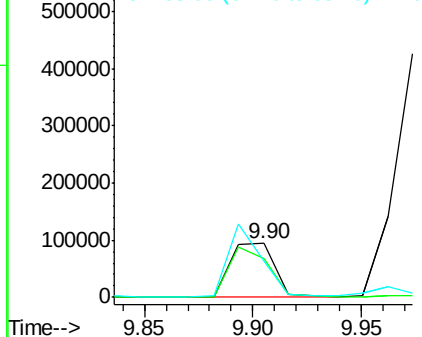
Tot Ion:	139	Resp:	135229
Ion Ratio	Lower	Upper	
139	100		
109	71.3	58.5	98.5
65	68.5	57.6	97.6

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Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 54.31 ng

RT: 9.96 min Scan# 689

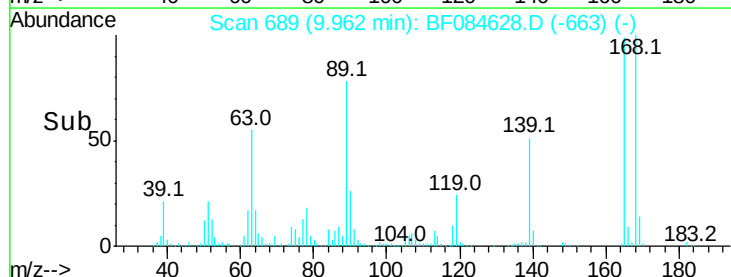
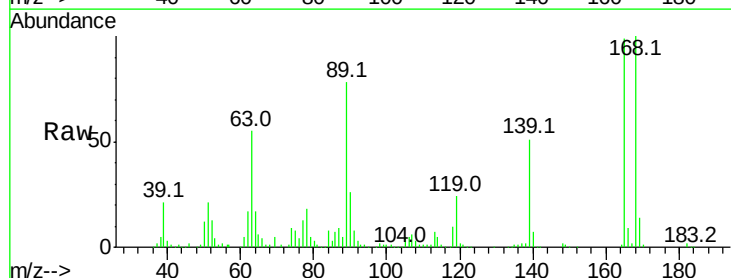
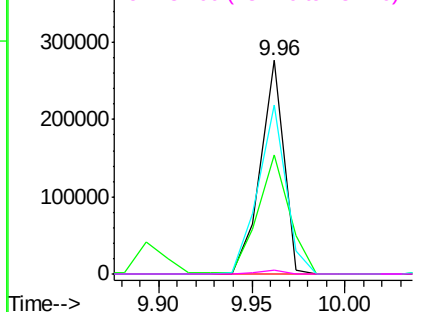
Delta R.T. -0.00 min

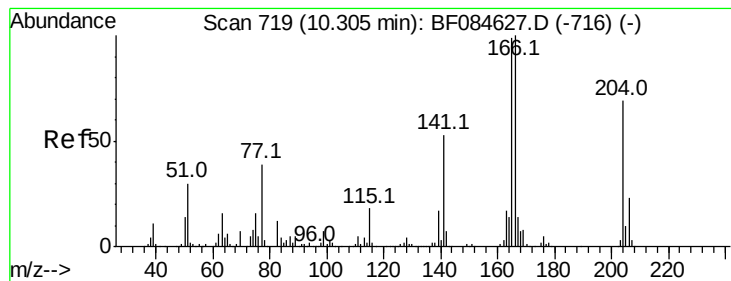
Lab File: BF084628.D

Acq: 29 Jan 2016 11:02

Tgt Ion:	165	Resp:	238077
Ion Ratio	Lower	Upper	
165	100		
63	55.7	36.7	55.1#
89	79.1	61.9	92.9
182	2.0	2.0	3.0

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
Ion 182.00 (181.70 to 182.70): E





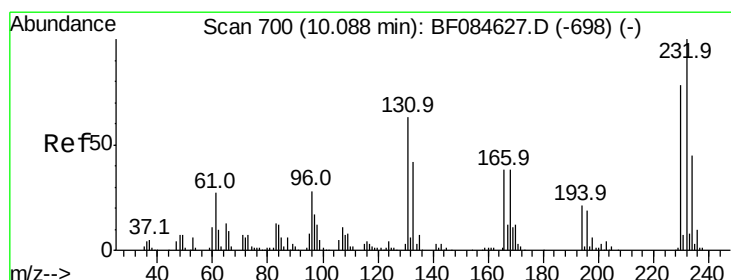
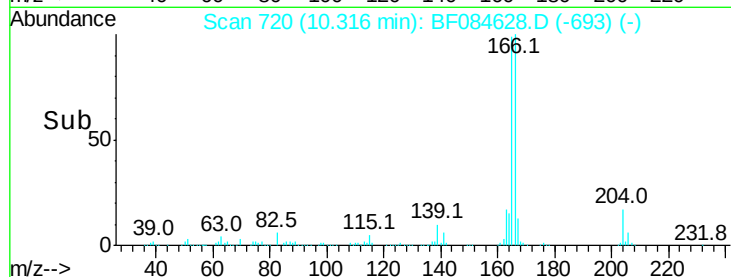
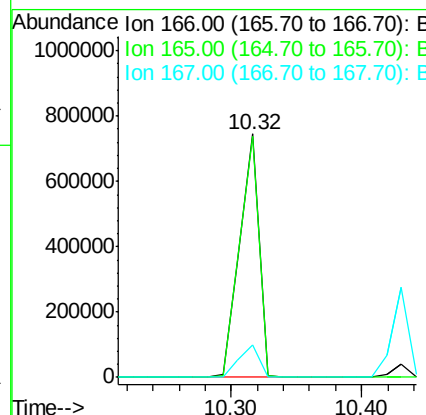
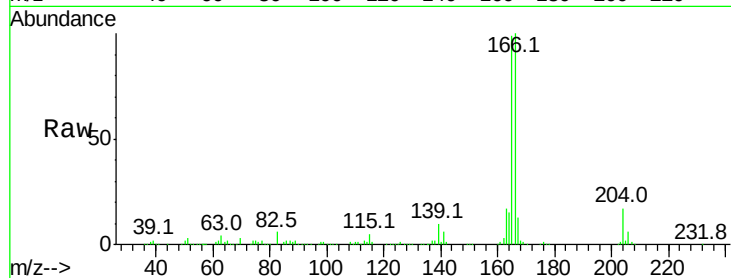
#57
Fluorene
 Concen: 49.10 ng
 RT: 10.32 min Scan# 720
 Delta R.T. 0.01 min
 Lab File: BF084628.D
 Acq: 29 Jan 2016 11:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
166	100	759450		
165	99.0		79.1	118.7
167	13.3		10.4	15.6

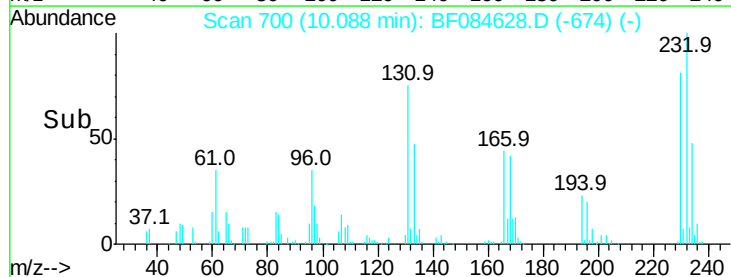
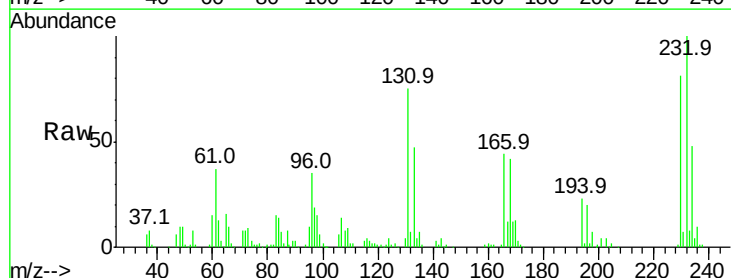
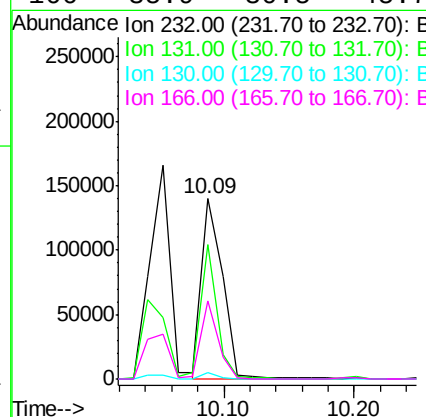
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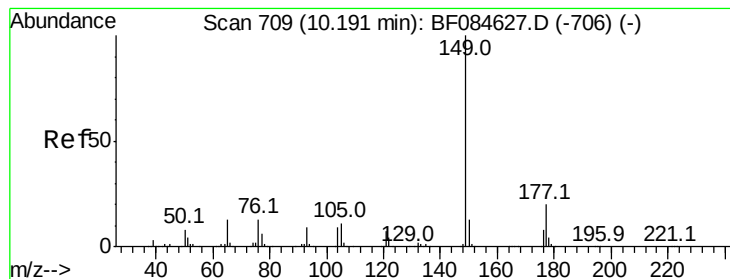
mohammad
 2/1/2016 2:24:04 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 39.98 ng
 RT: 10.09 min Scan# 700
 Delta R.T. -0.00 min
 Lab File: BF084628.D
 Acq: 29 Jan 2016 11:02

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	155486		
131	58.7		47.0	70.6
130	2.6		2.0	3.0
166	35.9		30.5	45.7





#59

Diethylphthalate

Concen: 52.11 ng

RT: 10.20 min Scan# 710

Delta R.T. 0.01 min

Lab File: BF084628.D

Acq: 29 Jan 2016 11:02

Instrument :

BNA_F

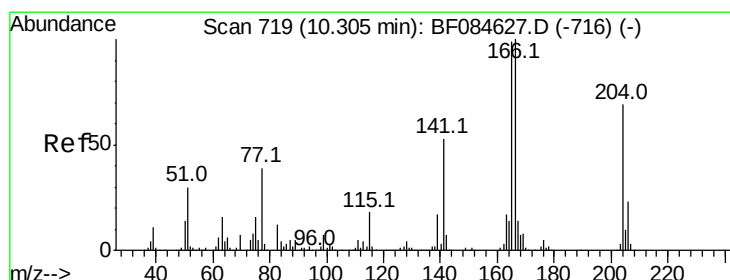
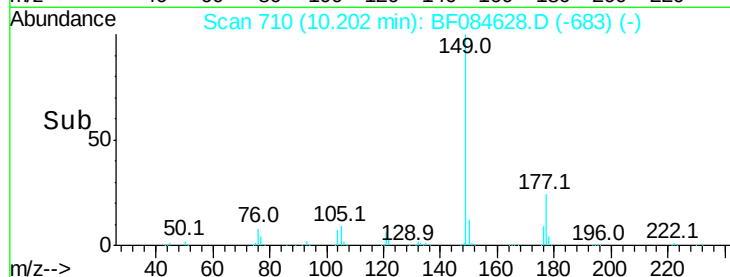
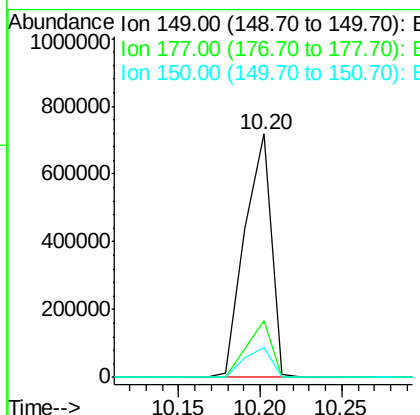
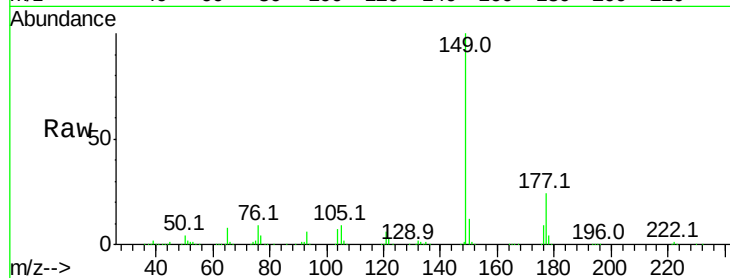
ClientSampleId :

SSTDICC050

Tot Ion:	149	Resp:	811376
Ion Ratio	Lower	Upper	
149	100		
177	23.5	17.3	25.9
150	12.3	9.8	14.8

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#60

4-Chlorophenyl-phenylether

Concen: 51.06 ng

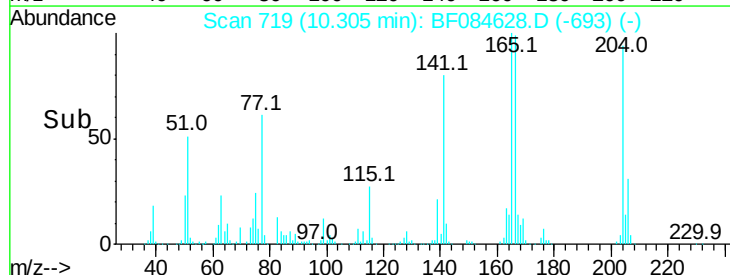
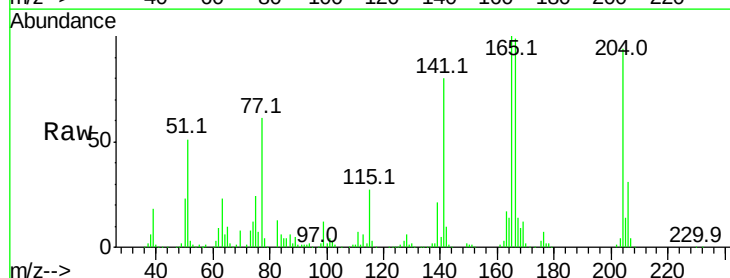
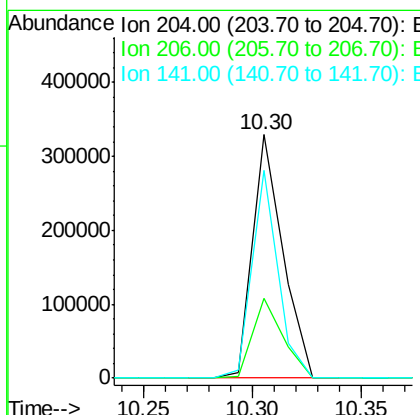
RT: 10.30 min Scan# 719

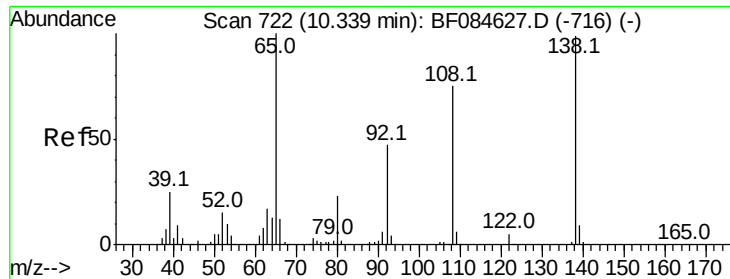
Delta R.T. -0.00 min

Lab File: BF084628.D

Acq: 29 Jan 2016 11:02

Tgt Ion:	204	Resp:	318101
Ion Ratio	Lower	Upper	
204	100		
206	32.9	25.7	38.5
141	85.3	55.1	82.7#





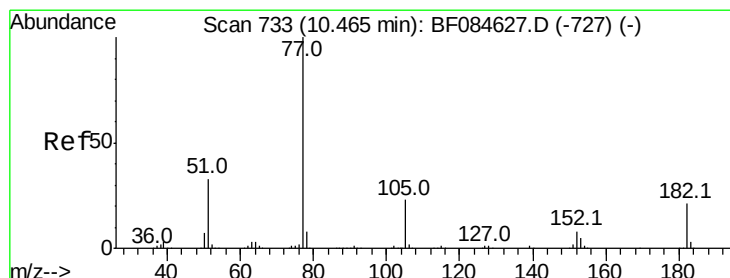
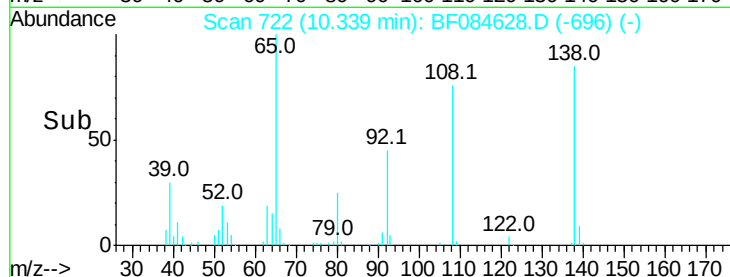
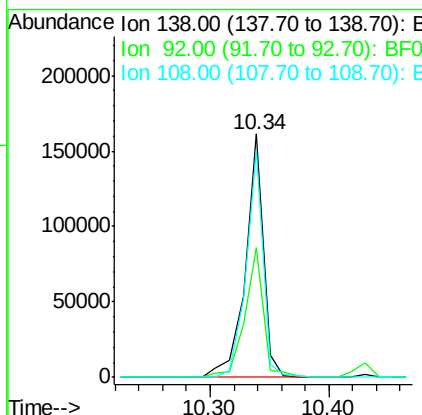
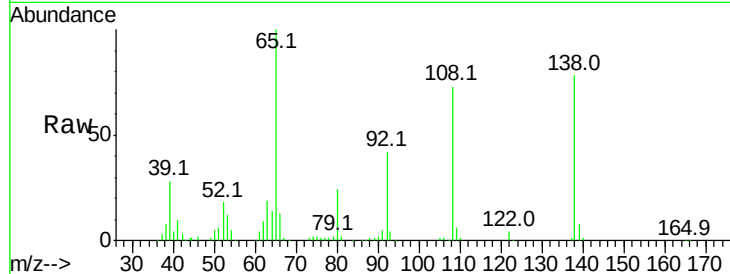
#61
4-Nitroaniline
Concen: 44.81 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.00 min
Lab File: BF084628.D
Acq: 29 Jan 2016 11:02

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
138	100		
92	53.5	32.6	72.6
108	93.2	68.6	108.6

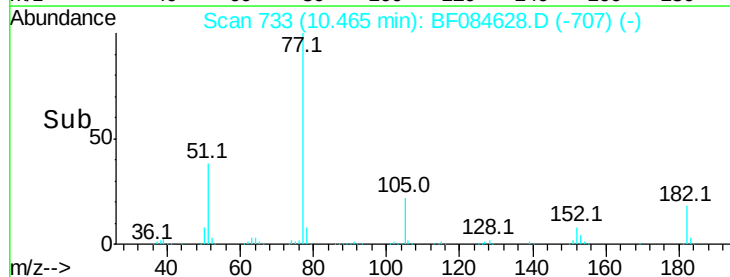
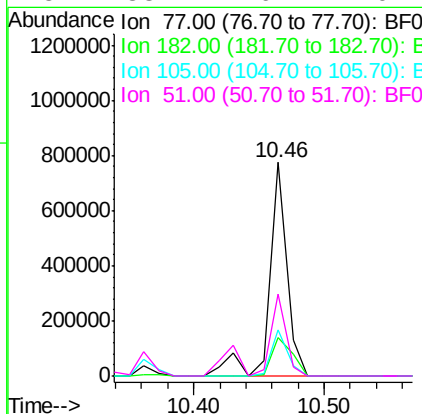
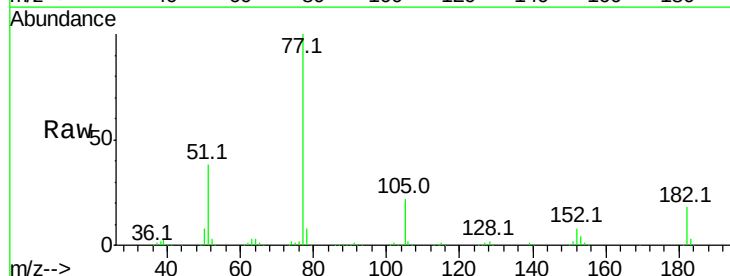
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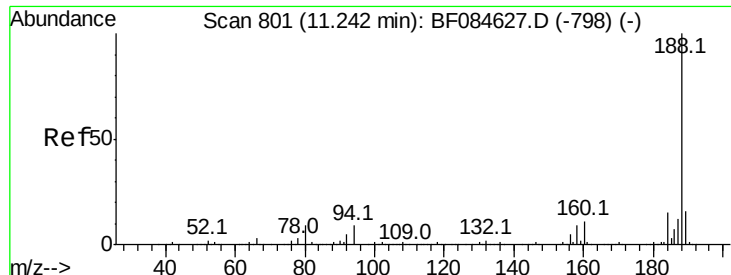
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#62
Azobenzene
Concen: 43.35 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.00 min
Lab File: BF084628.D
Acq: 29 Jan 2016 11:02

Tgt Ion	Ratio	Lower	Upper
77	100		
182	18.3	8.3	48.3
105	21.8	4.6	44.6
51	38.1	6.2	46.2





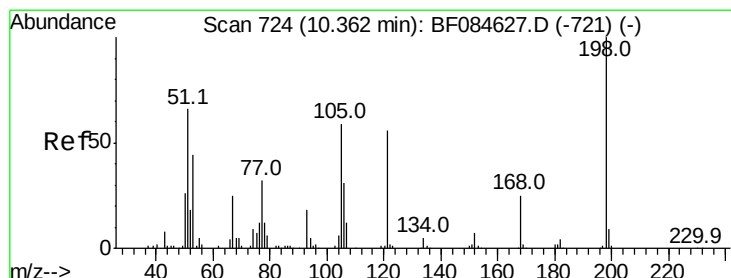
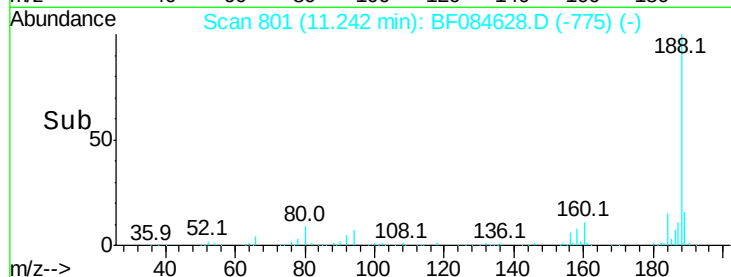
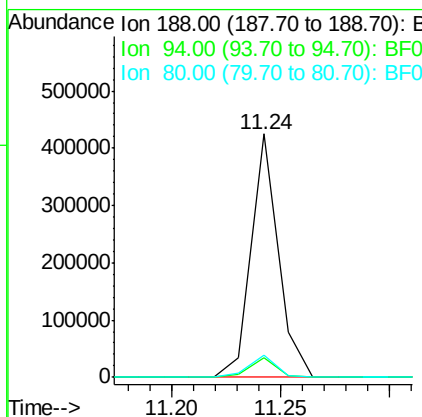
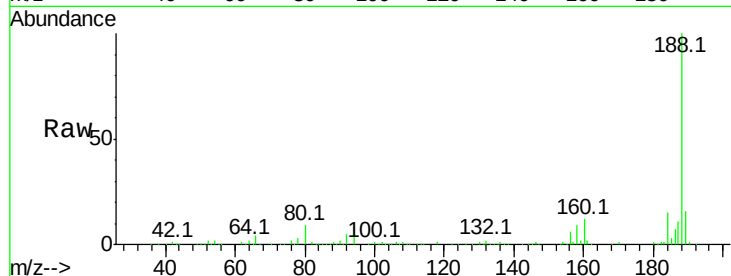
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF084628.D
Acq: 29 Jan 2016 11:02

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.3	9.0	13.4#
80	9.3	9.6	14.4#

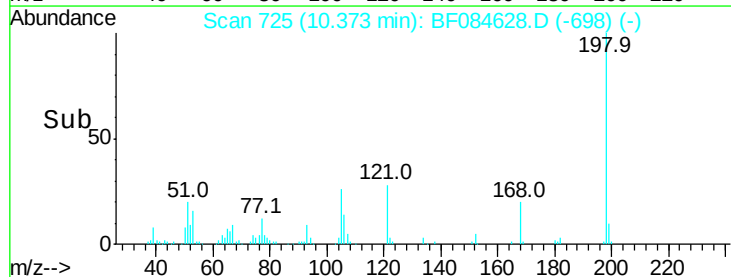
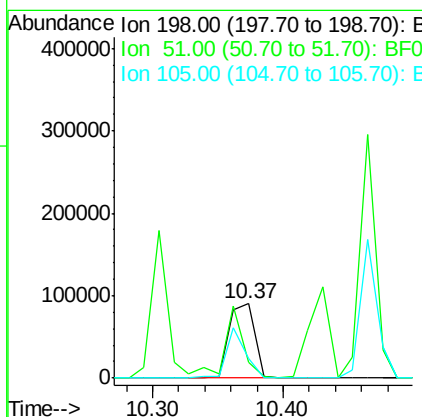
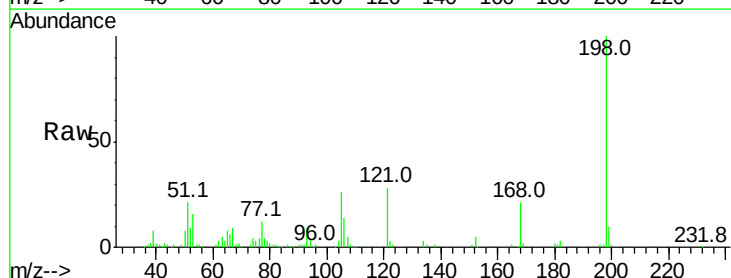
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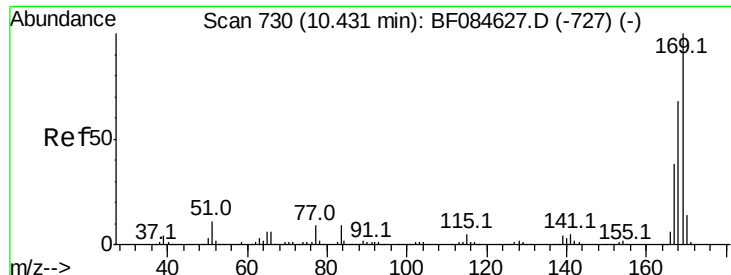
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 61.73 ng
RT: 10.37 min Scan# 725
Delta R.T. 0.01 min
Lab File: BF084628.D
Acq: 29 Jan 2016 11:02

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	20.7	18.9	58.9
105	26.0	26.4	66.4#





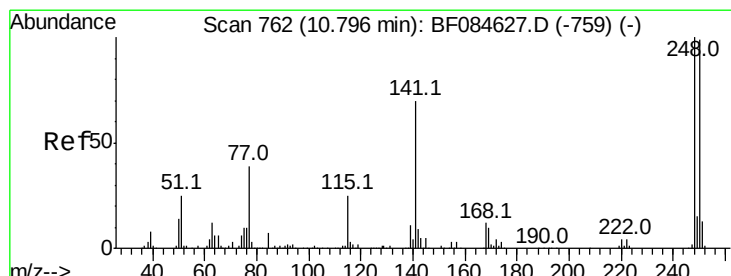
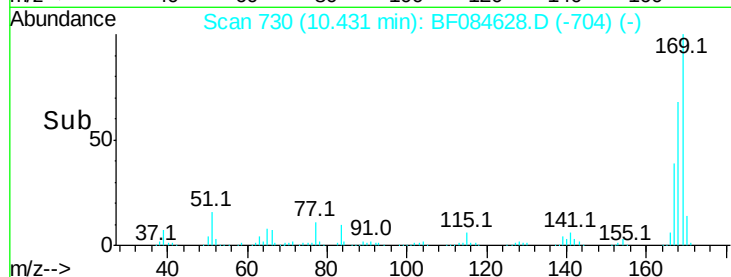
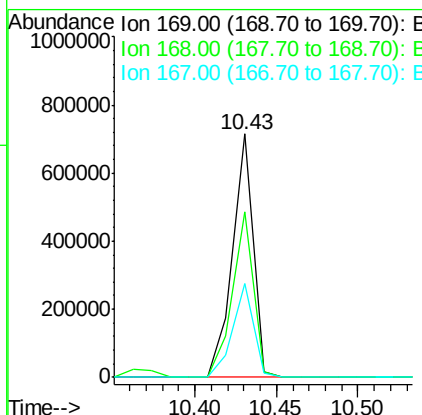
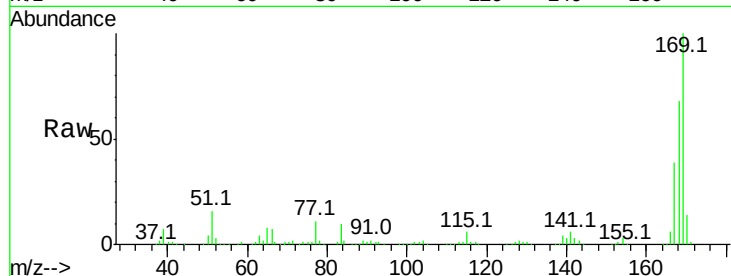
#65
n-Nitrosodiphenylamine
Concen: 52.78 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF084628.D
Acq: 29 Jan 2016 11:02

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
169	100	623597		
168	68.2		55.1	82.7
167	38.5		30.0	45.0

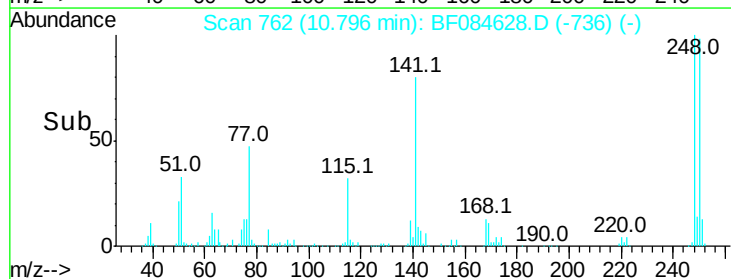
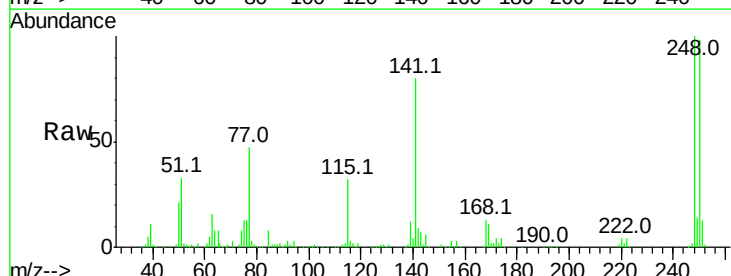
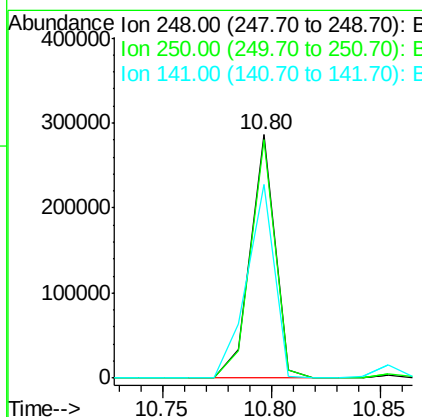
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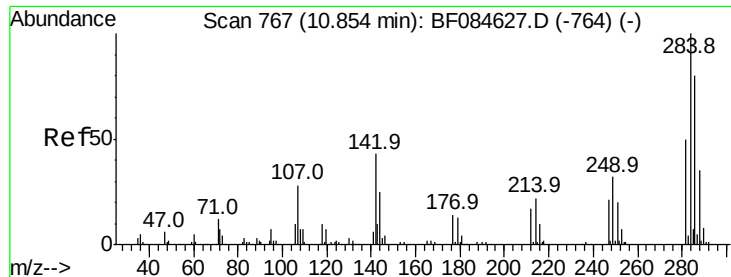
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#66
4-Bromophenyl-phenylether
Concen: 56.96 ng
RT: 10.80 min Scan# 762
Delta R.T. -0.00 min
Lab File: BF084628.D
Acq: 29 Jan 2016 11:02

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	226543		
250	97.9		78.4	117.6
141	79.5		44.0	66.0#





#67

Hexachlorobenzene

Concen: 49.86 ng

RT: 10.85 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF084628.D

Acq: 29 Jan 2016 11:02

Instrument :

BNA_F

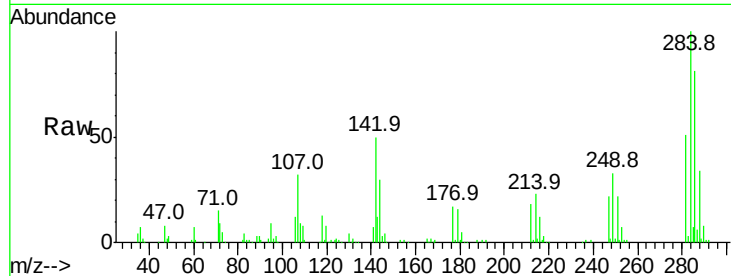
ClientSampled :

SSTDIC050

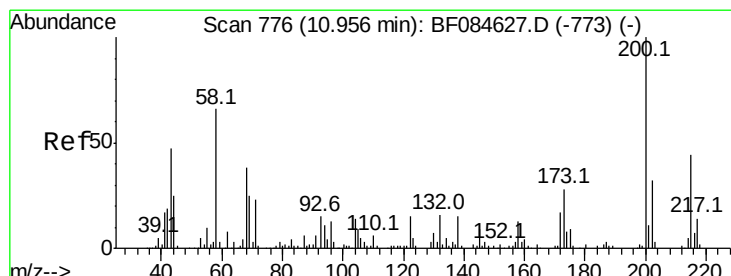
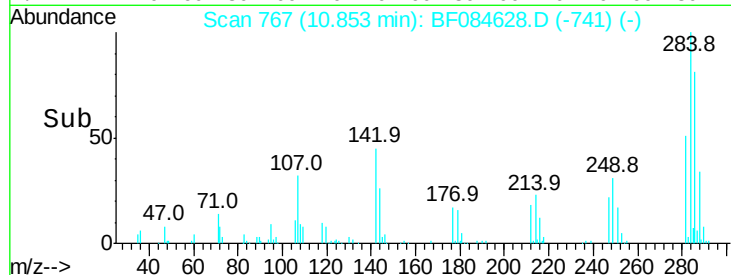
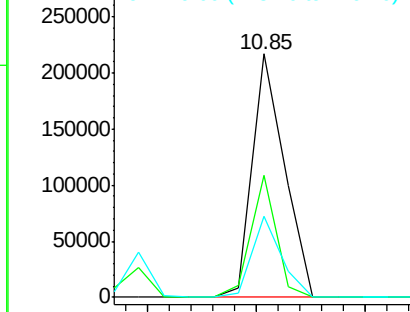
Tot Ion:	284	Resp:	223200
Ion Ratio	Lower	Upper	
284	100		
142	49.9	22.2	33.4#
249	33.3	24.6	37.0

Manual Integrations
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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 43.20 ng

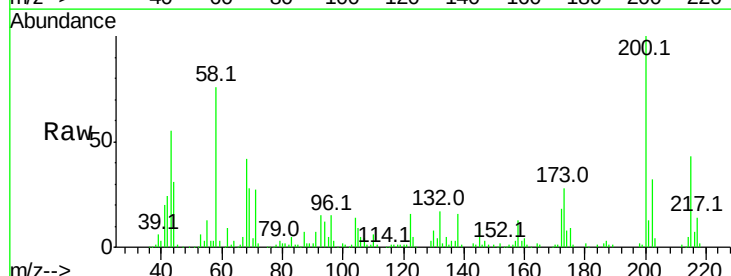
RT: 10.96 min Scan# 776

Delta R.T. -0.00 min

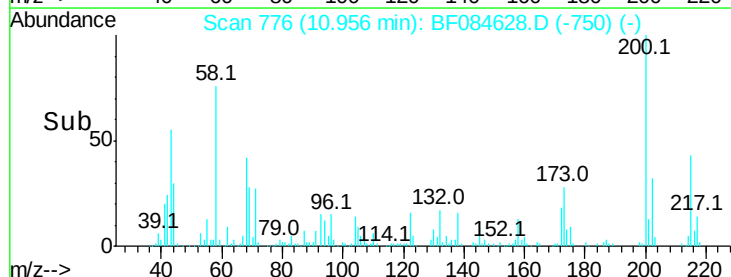
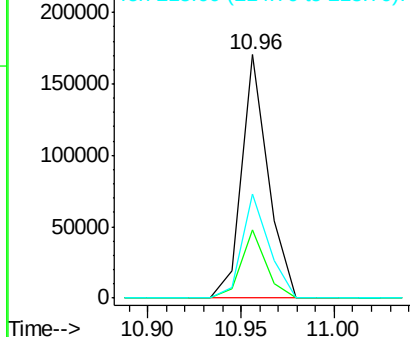
Lab File: BF084628.D

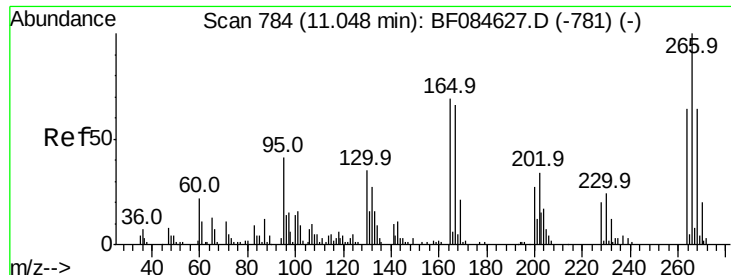
Acq: 29 Jan 2016 11:02

Tgt Ion:	200	Resp:	167024
Ion Ratio	Lower	Upper	
200	100		
173	27.9	9.5	49.5
215	42.7	23.8	63.8



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





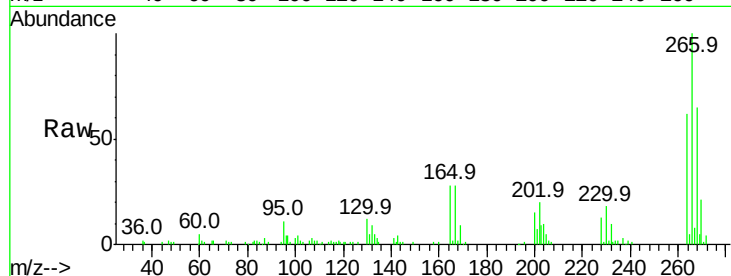
#69
 Pentachlorophenol
 Concen: 48.11 ng
 RT: 11.06 min Scan# 785
 Delta R.T. 0.01 min
 Lab File: BF084628.D
 Acq: 29 Jan 2016 11:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

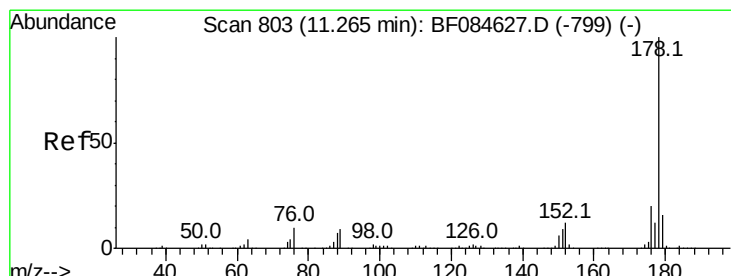
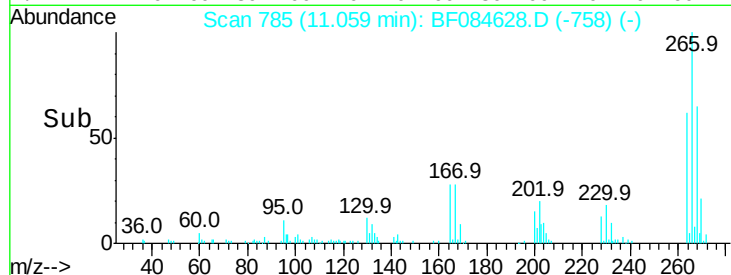
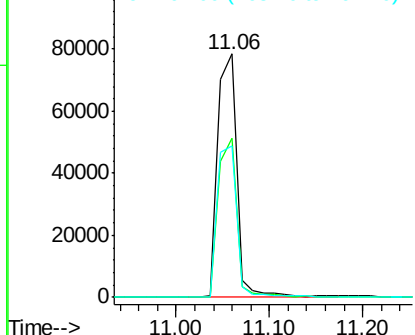
Tot Ion	Ratio	Resp	Lower	Upper
266	100	111682		
268	65.1		52.4	78.6
264	61.9		50.2	75.2

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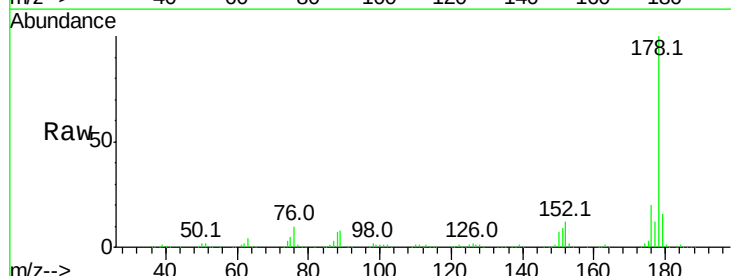


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

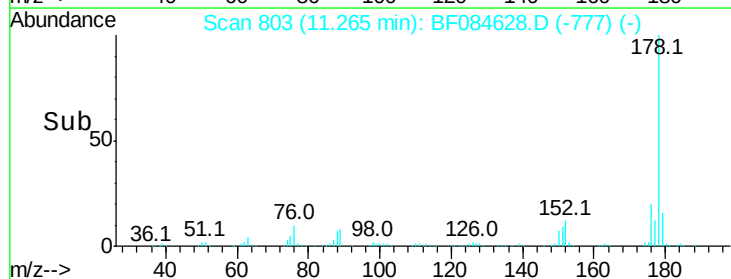
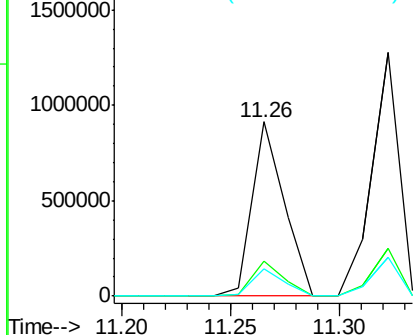


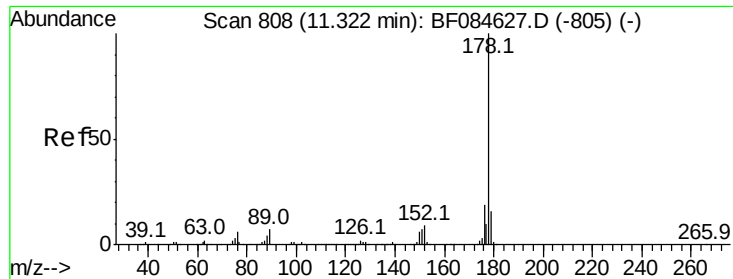
#70
 Phenanthrene
 Concen: 48.74 ng
 RT: 11.26 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF084628.D
 Acq: 29 Jan 2016 11:02

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	942081		
176	20.2		15.3	22.9
179	15.6		12.0	18.0



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





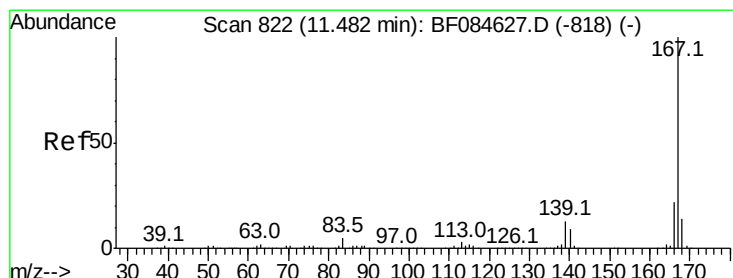
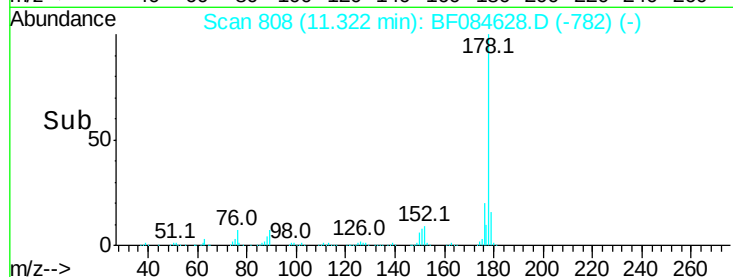
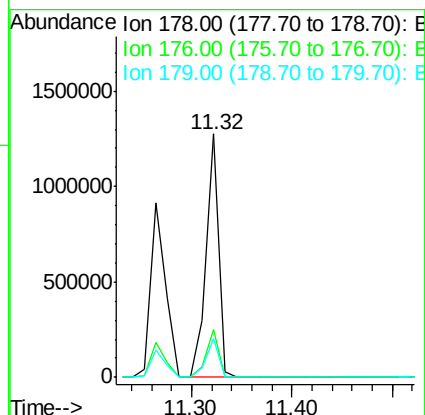
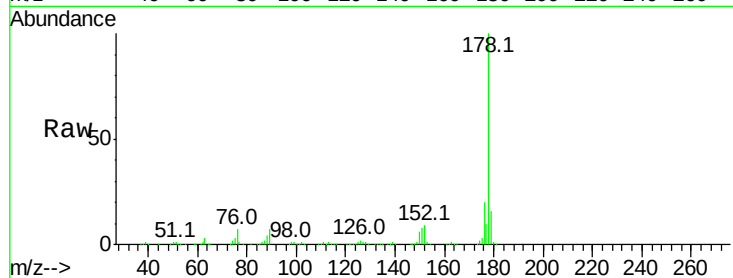
#71
 Anthracene
 Concen: 58.22 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF084628.D
 Acq: 29 Jan 2016 11:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:178 Resp: 1103252
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.4 23.0
 179 16.0 12.5 18.7

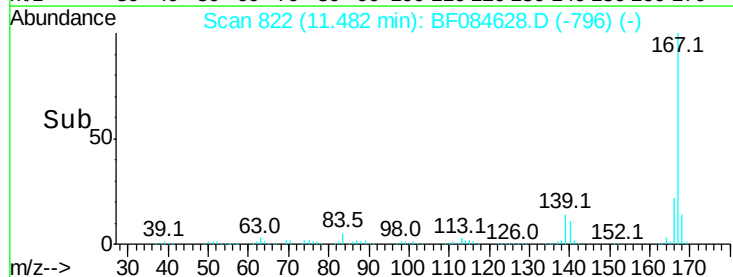
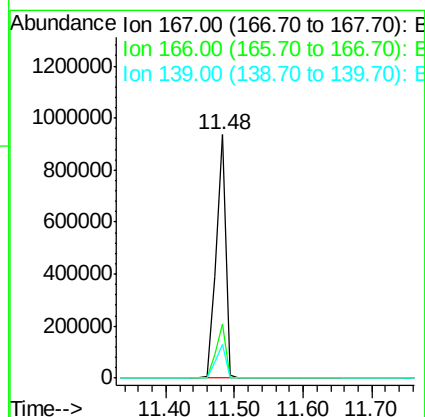
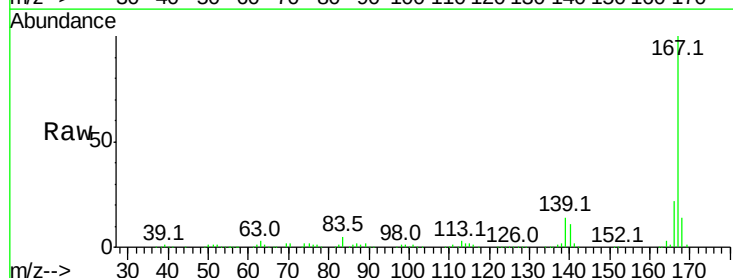
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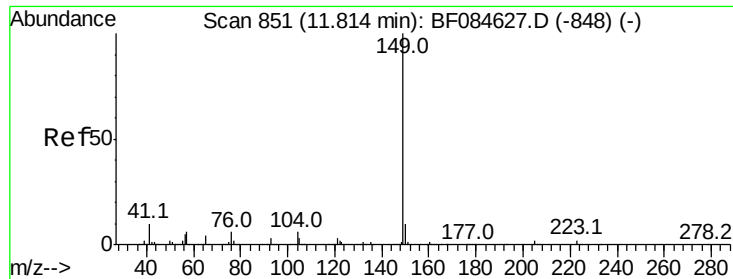
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#72
 Carbazole
 Concen: 49.96 ng
 RT: 11.48 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BF084628.D
 Acq: 29 Jan 2016 11:02

Tgt Ion:167 Resp: 925493
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 13.9 11.8 17.8





#73

Di-n-butylphthalate

Concen: 51.40 ng

RT: 11.81 min Scan# 851

Delta R.T. -0.00 min

Lab File: BF084628.D

Acq: 29 Jan 2016 11:02

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:149 Resp: 1054966

Ion Ratio Lower Upper

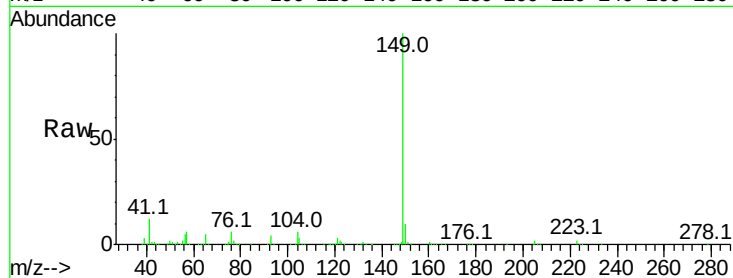
149 100

150 9.7 7.1 10.7

104 6.4 3.2 4.8#

Manual Integrations
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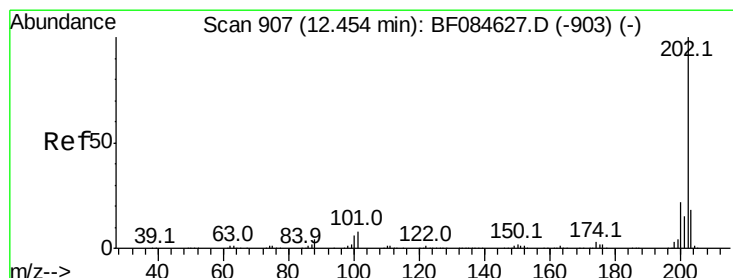
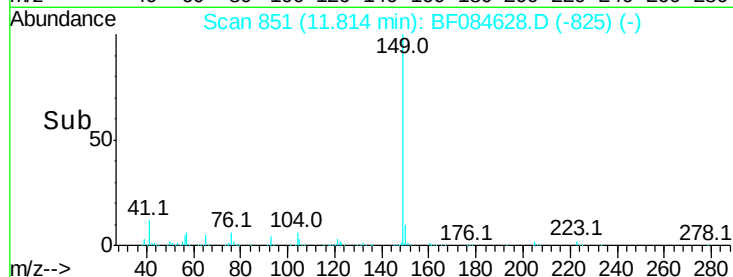
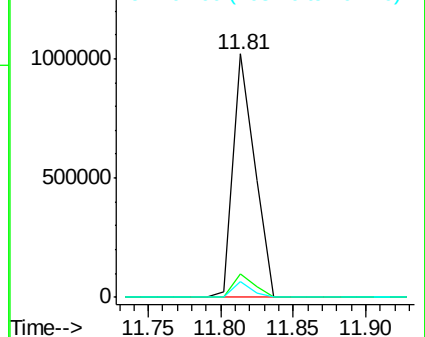
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 52.44 ng

RT: 12.45 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF084628.D

Acq: 29 Jan 2016 11:02

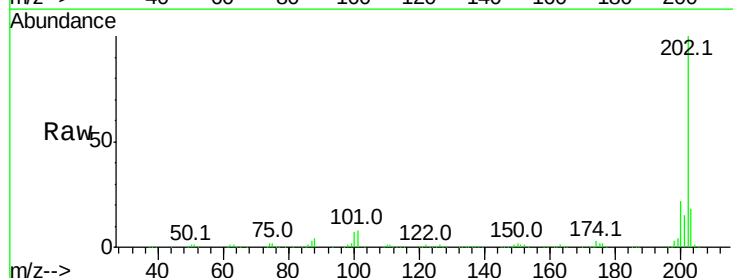
Tgt Ion:202 Resp: 1058909

Ion Ratio Lower Upper

202 100

101 8.2 0.0 32.8

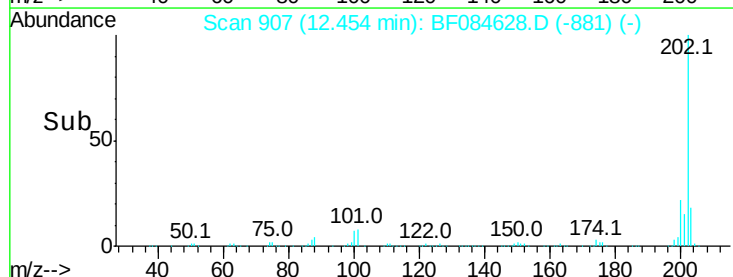
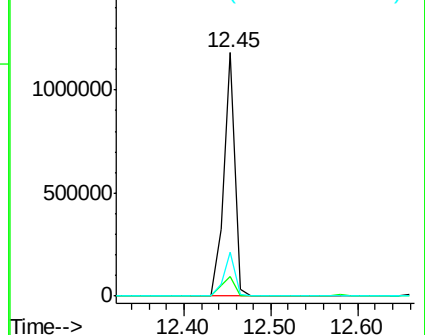
203 17.8 0.0 37.9

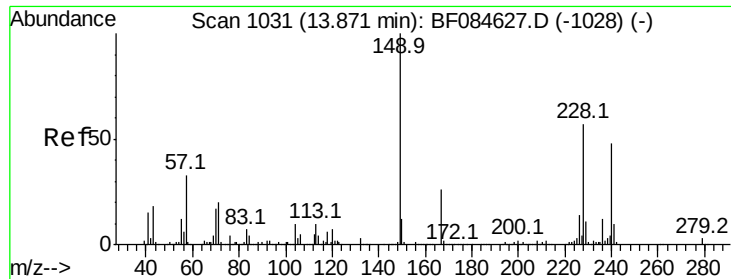


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF084628.D

Acq: 29 Jan 2016 11:02

Instrument :

BNA_F

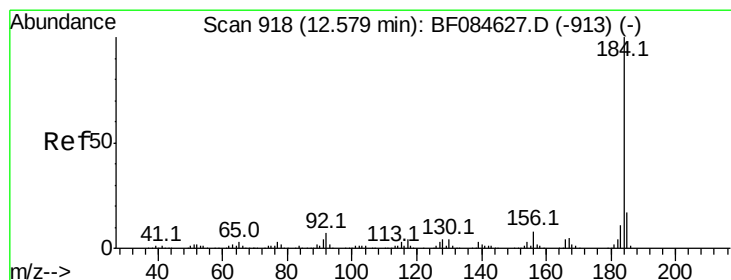
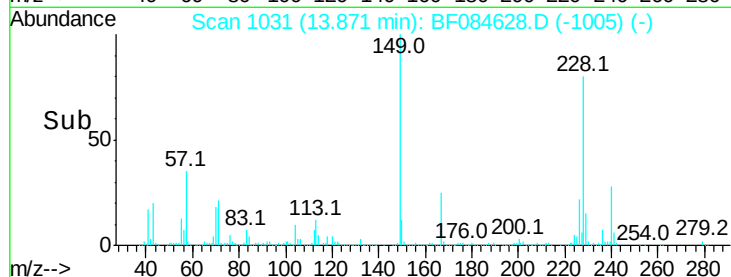
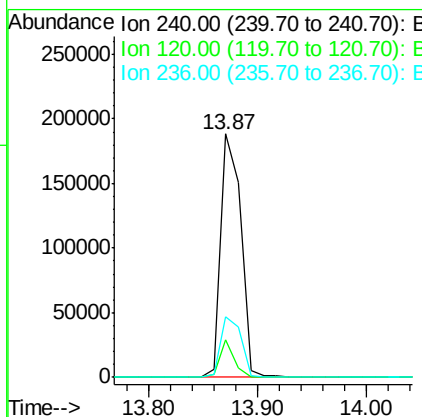
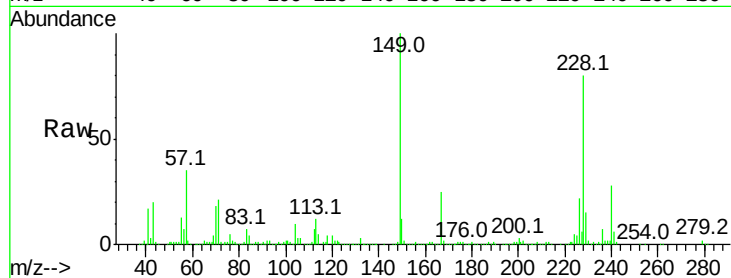
ClientSampleId :

SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
240	100	242844		
120	15.3	9.5	14.3#	
236	25.0	20.6	31.0	

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#76

Benzidine

Concen: 60.25 ng

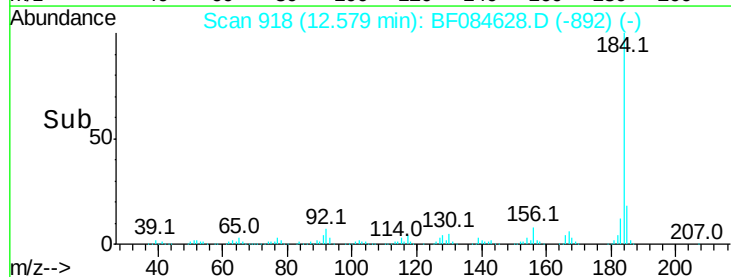
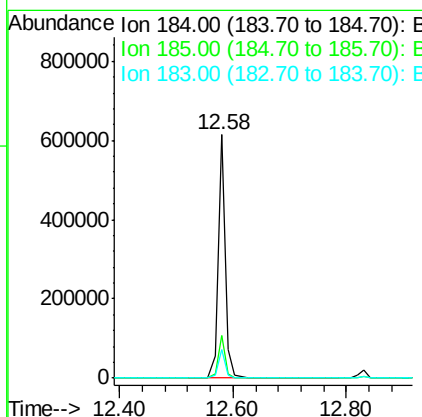
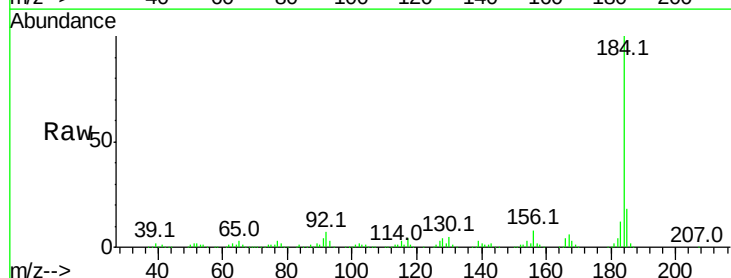
RT: 12.58 min Scan# 918

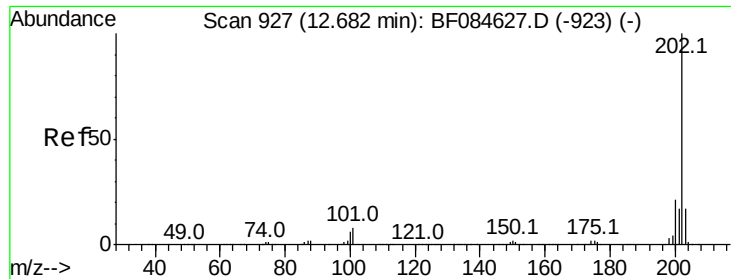
Delta R.T. -0.00 min

Lab File: BF084628.D

Acq: 29 Jan 2016 11:02

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	524567		
185	17.6	12.2	18.2	
183	11.8	9.8	14.8	





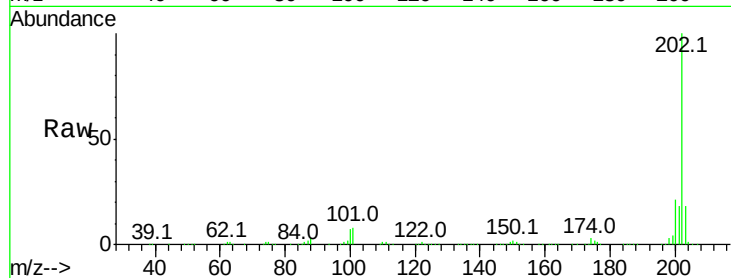
#77
Pvrene
Concen: 56.85 ng
RT: 12.68 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF084628.D
Acq: 29 Jan 2016 11:02

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

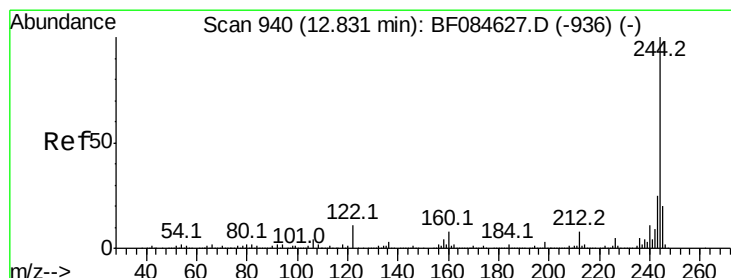
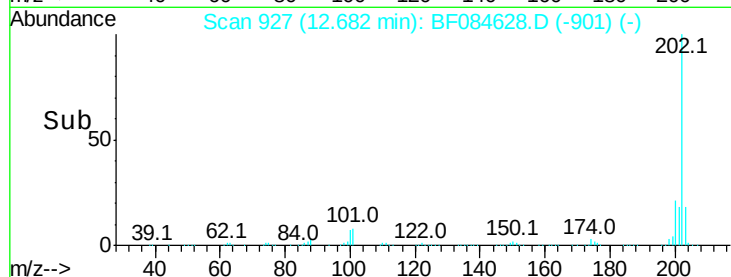
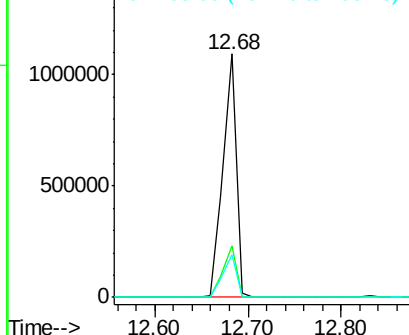
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.2	25.8
203	17.5	14.3	21.5

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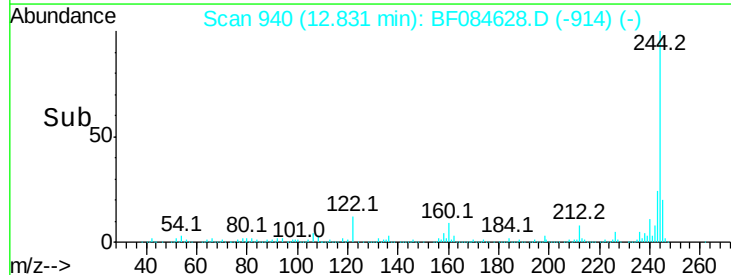
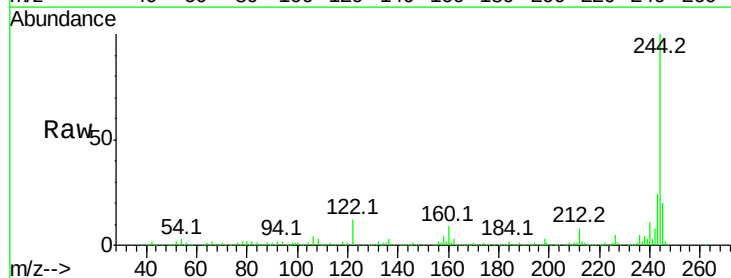
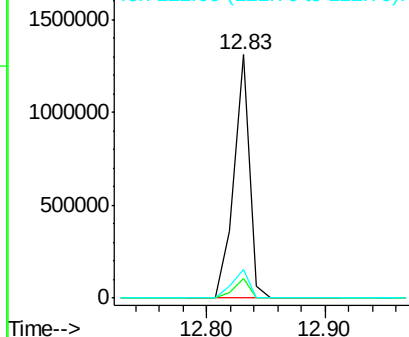
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

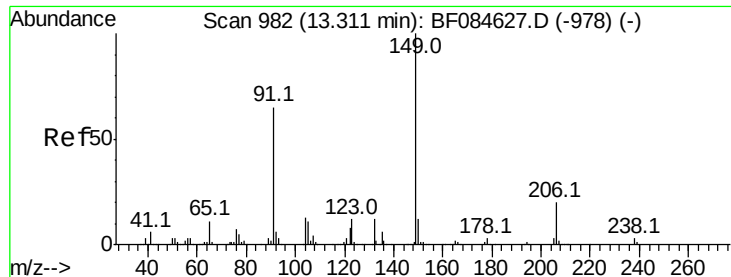


#78
Terphenyl-d14
Concen: 109.87 ng
RT: 12.83 min Scan# 940
Delta R.T. -0.00 min
Lab File: BF084628.D
Acq: 29 Jan 2016 11:02

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.7	8.5
122	11.6	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





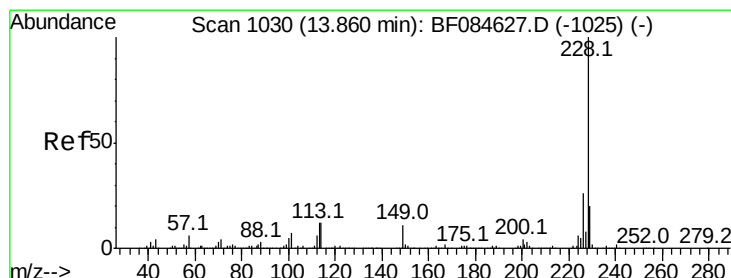
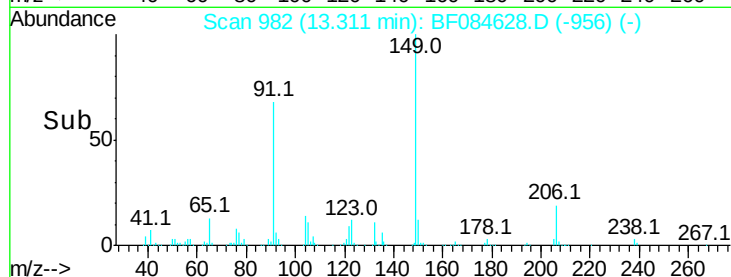
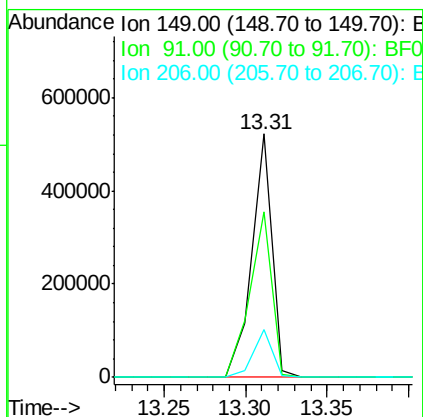
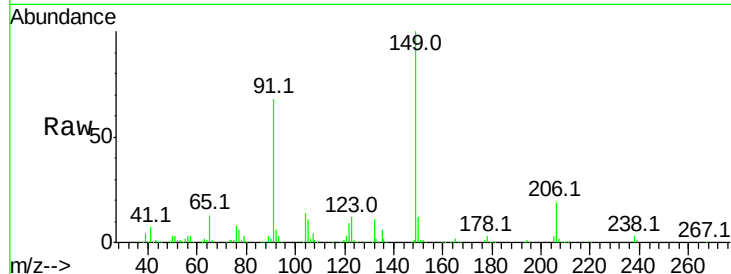
#79
Butylbenzylphthalate
Concen: 54.41 ng
RT: 13.31 min Scan# 982
Delta R.T. -0.00 min
Lab File: BF084628.D
Acq: 29 Jan 2016 11:02

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
149	100	448648		
91	68.2	57.6	86.4	
206	19.4	13.2	19.8	

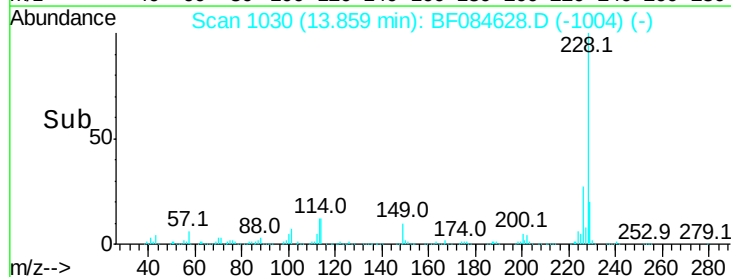
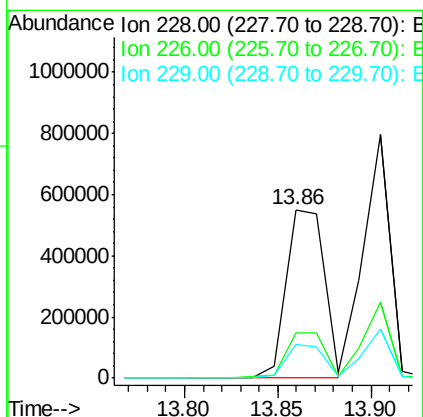
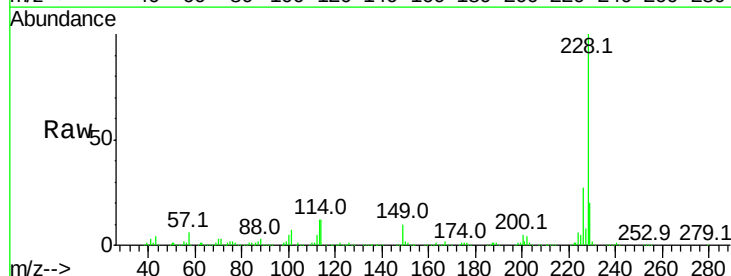
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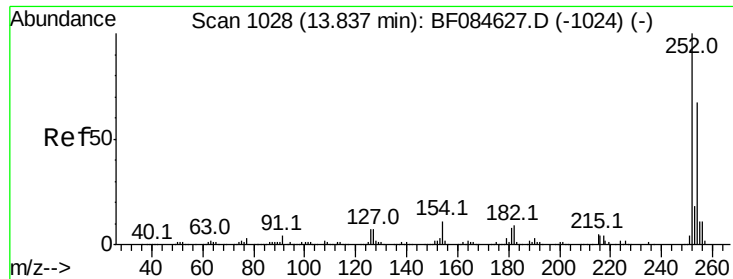
mohammad
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#80
Benzo(a)anthracene
Concen: 55.33 ng
RT: 13.86 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF084628.D
Acq: 29 Jan 2016 11:02

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	788974		
226	27.0	21.8	32.6	
229	20.2	15.8	23.8	





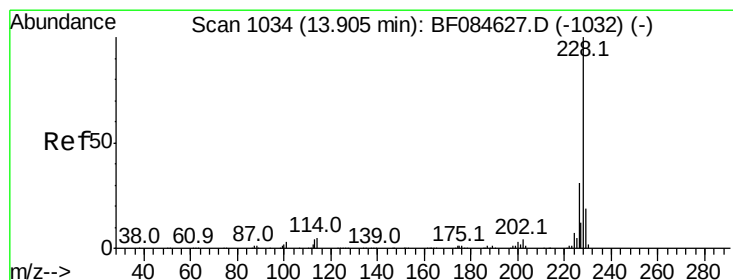
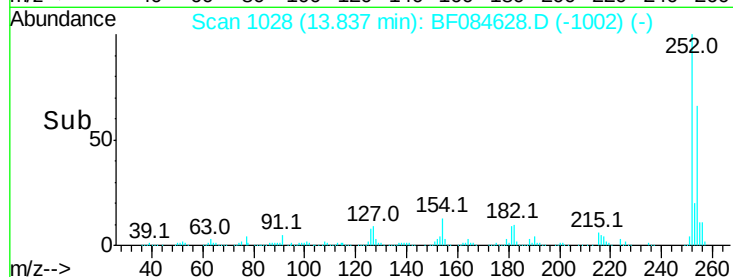
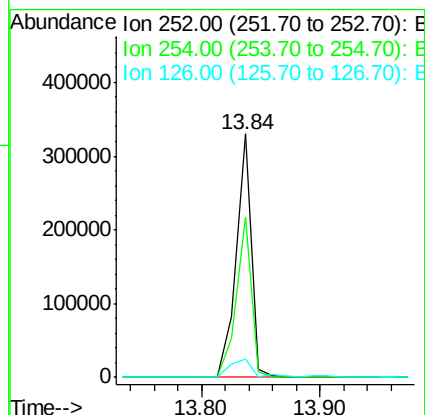
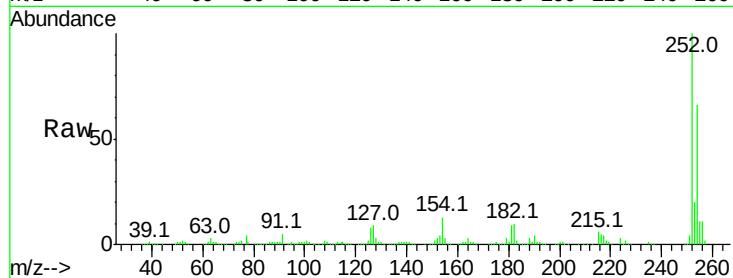
#81
 3,3'-Dichlorobenzidine
 Concen: 58.86 ng
 RT: 13.84 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BF084628.D
 Acq: 29 Jan 2016 11:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.7	53.5	80.3
126	7.8	4.9	7.3

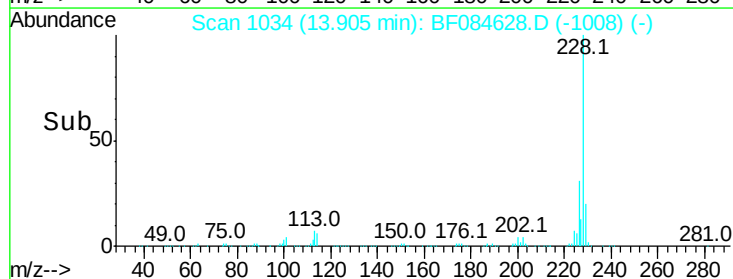
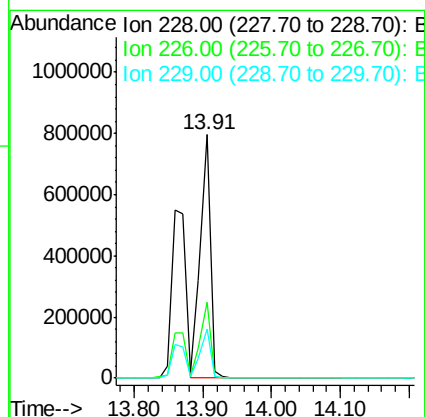
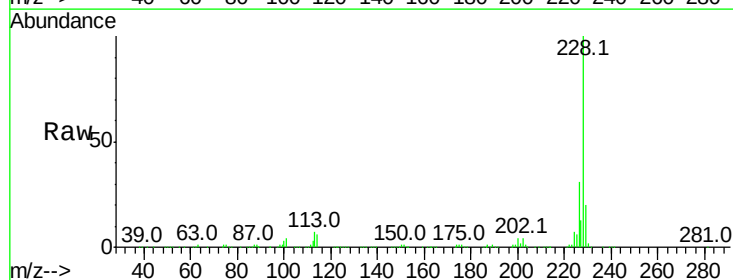
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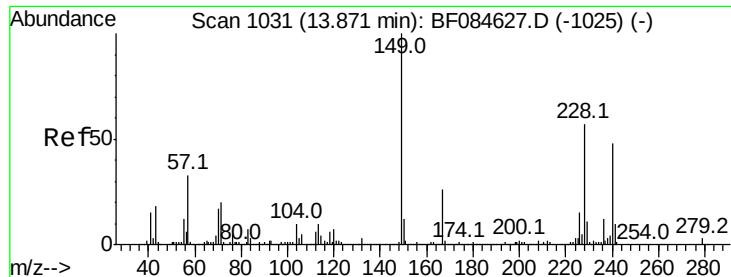
mohammad
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#82
 Chrysene
 Concen: 57.86 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BF084628.D
 Acq: 29 Jan 2016 11:02

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.4	24.3	36.5
229	19.9	16.1	24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 54.61 ng

RT: 13.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF084628.D

Acq: 29 Jan 2016 11:02

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:149 Resp: 568987

Ion Ratio Lower Upper

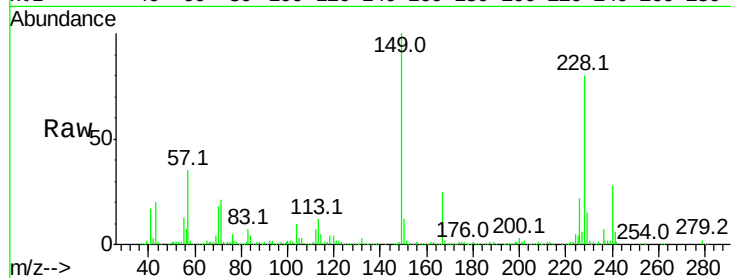
149 100

167 25.1 19.7 29.5

279 2.3 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

800000

600000

400000

200000

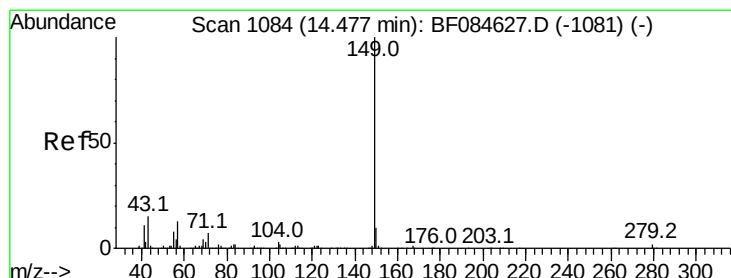
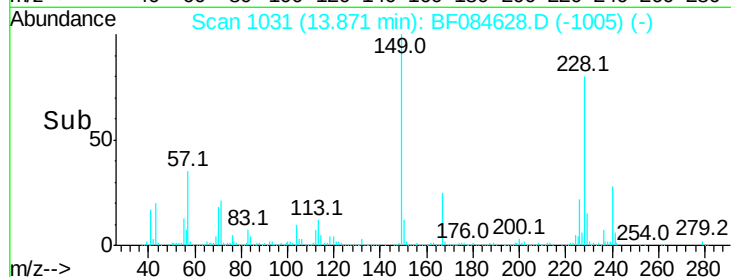
0

13.87

13.80

13.90

Time-->



#84

Di-n-octyl phthalate

Concen: 49.76 ng

RT: 14.49 min Scan# 1085

Delta R.T. 0.01 min

Lab File: BF084628.D

Acq: 29 Jan 2016 11:02

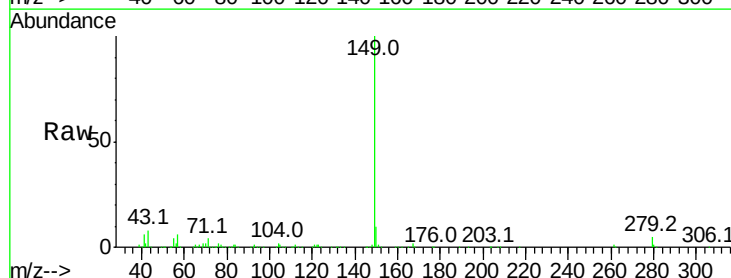
Tgt Ion:149 Resp: 875191

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 11.9 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

800000

600000

400000

200000

0

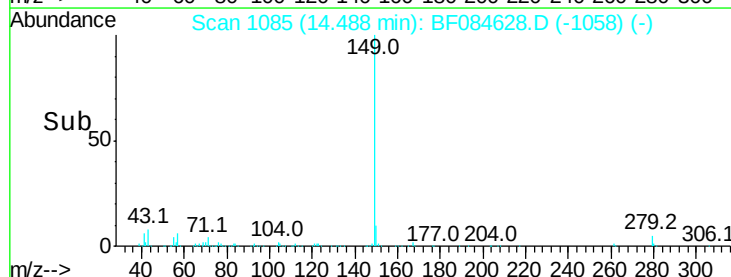
14.49

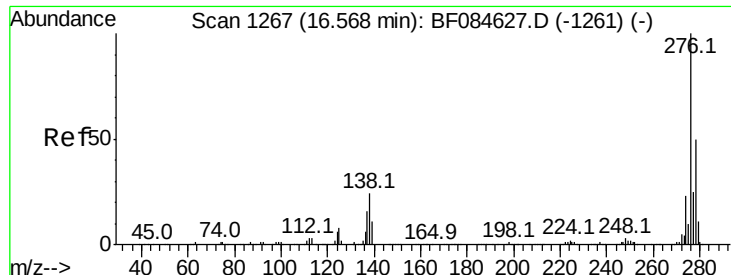
14.40

14.50

14.60

Time-->





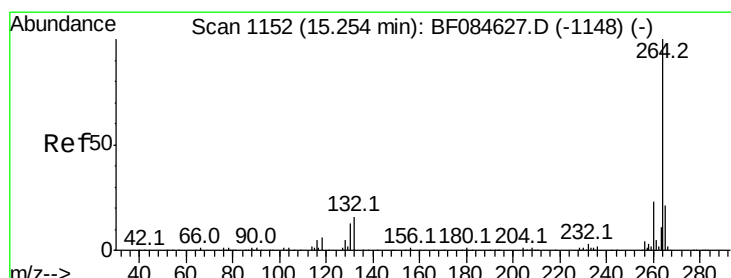
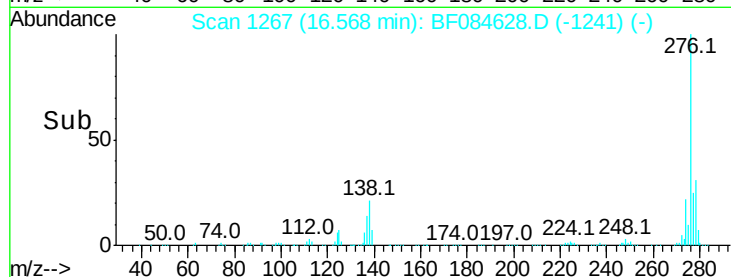
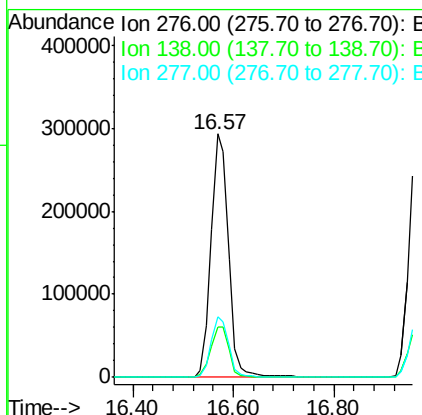
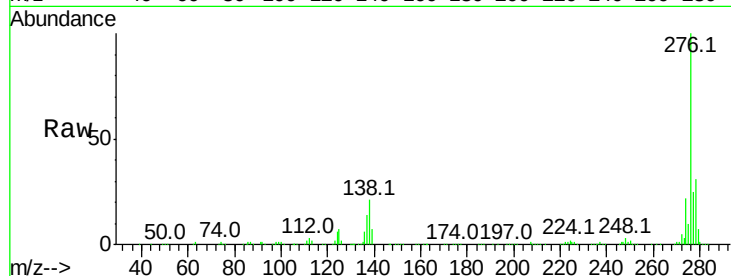
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 65.29 ng
 RT: 16.57 min Scan# 1267
 Delta R.T. -0.00 min
 Lab File: BF084628.D
 Acq: 29 Jan 2016 11:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.8	20.6	30.8
277	25.0	20.1	30.1

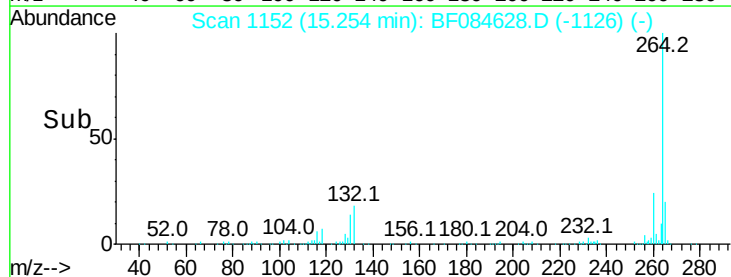
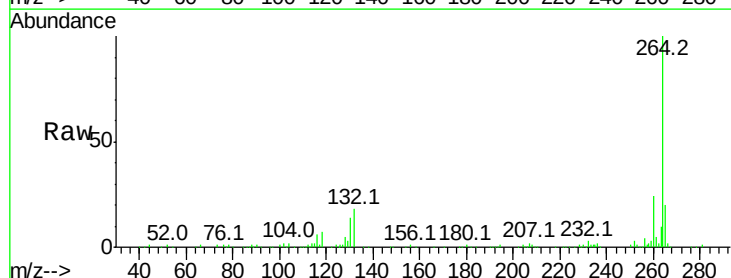
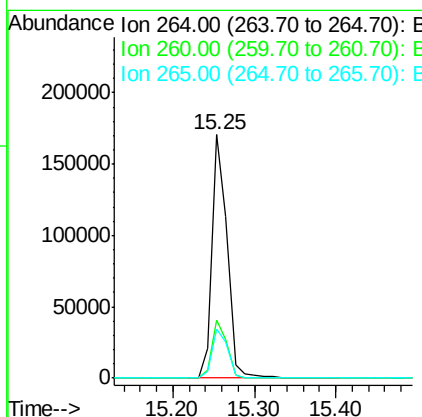
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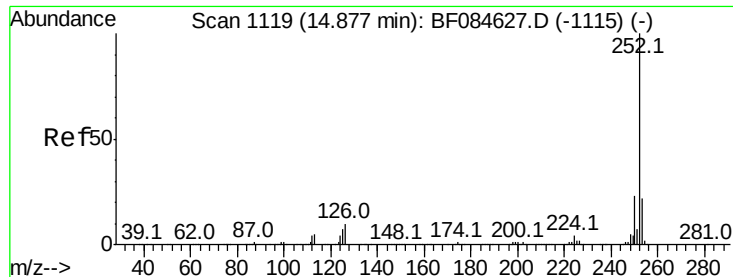
mohammad
 2/1/2016 2:24:04 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.25 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BF084628.D
 Acq: 29 Jan 2016 11:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	20.3	17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 49.04 ng m

RT: 14.88 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BF084628.D

Acq: 29 Jan 2016 11:02

Instrument :

BNA_F

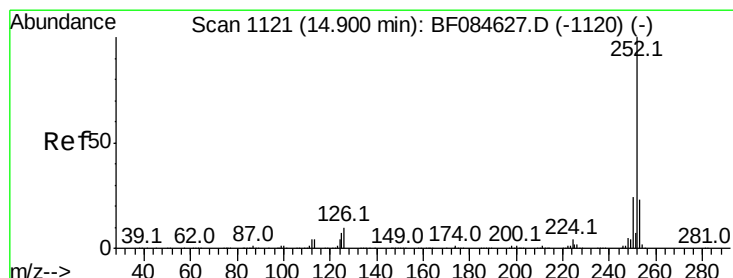
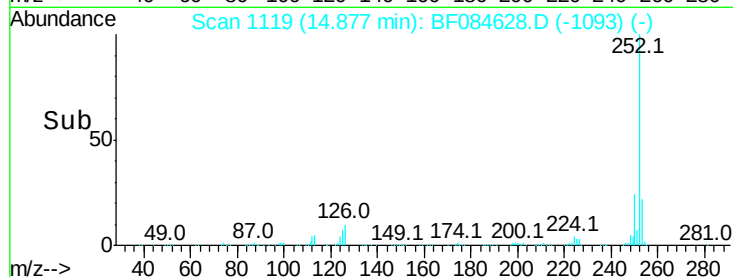
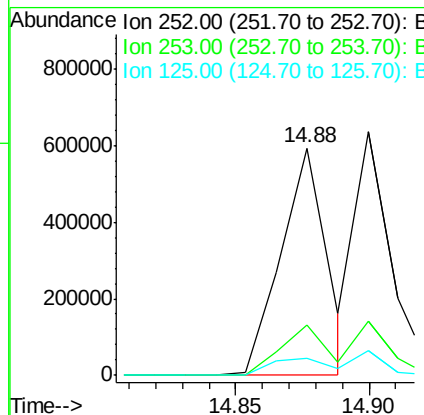
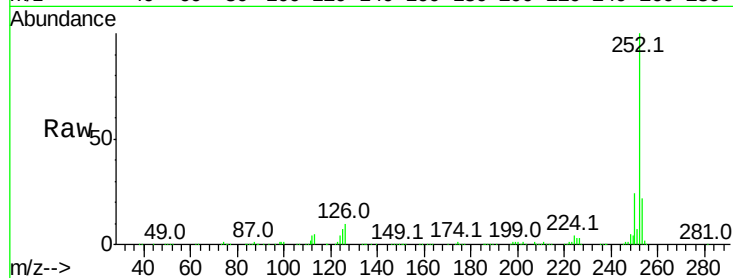
ClientSampleId :

SSTDIC050

Tot Ion:	252	Resp:	709695
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.3	25.9
125	7.4	6.5	9.7

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#88

Benzo(k)fluoranthene

Concen: 50.63 ng m

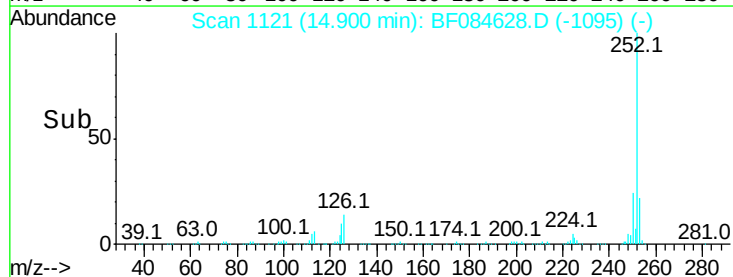
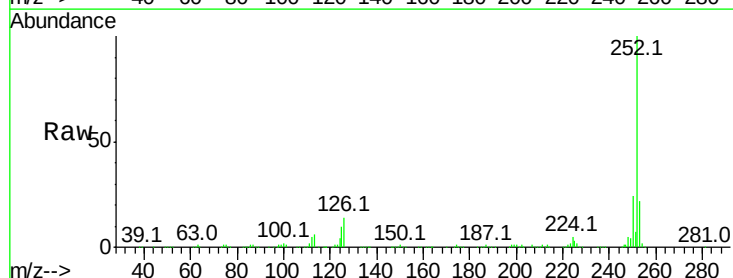
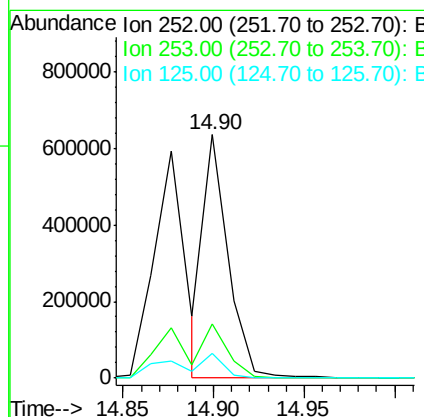
RT: 14.90 min Scan# 1121

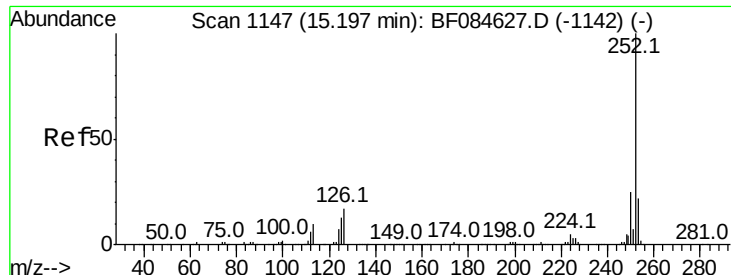
Delta R.T. -0.00 min

Lab File: BF084628.D

Acq: 29 Jan 2016 11:02

Tgt Ion:	252	Resp:	599248
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.1	27.1
125	10.3	9.0	13.6





#89

Benzo(a)pyrene

Concen: 52.15 ng

RT: 15.21 min Scan# 1148

Delta R.T. 0.01 min

Lab File: BF084628.D

Acq: 29 Jan 2016 11:02

Instrument :

BNA_F

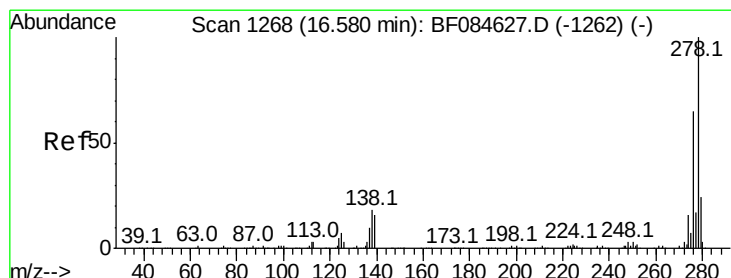
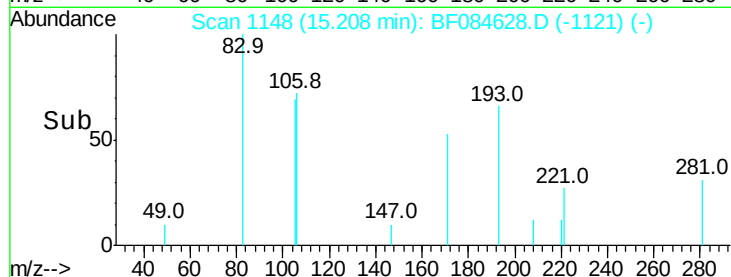
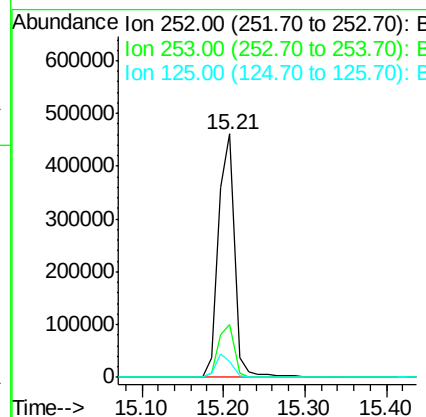
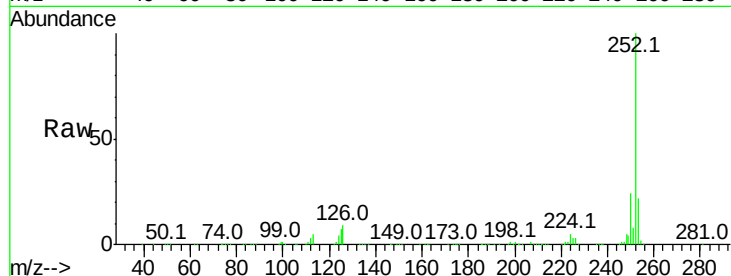
ClientSampleId :

SSTDIC050

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.3	25.9
125	6.5	7.0	10.4#

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#90

Dibenzo(a,h)anthracene

Concen: 55.64 ng

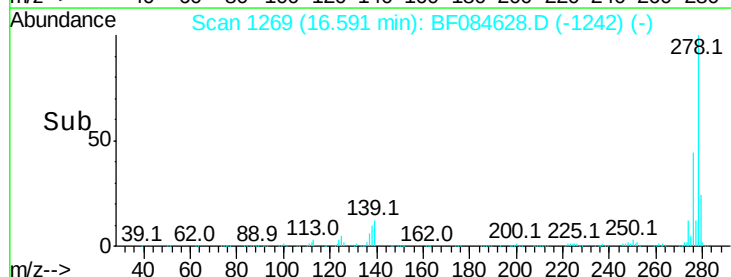
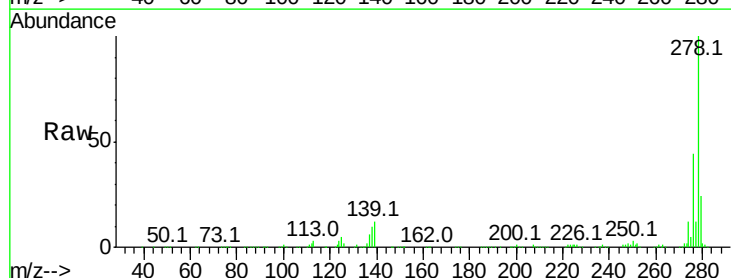
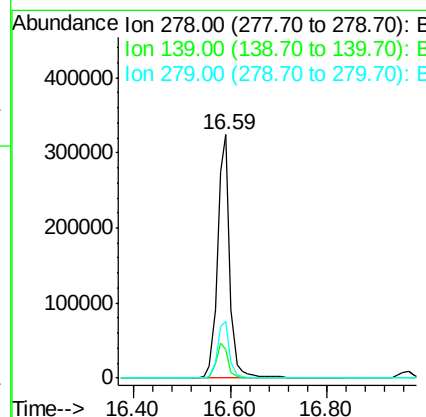
RT: 16.59 min Scan# 1269

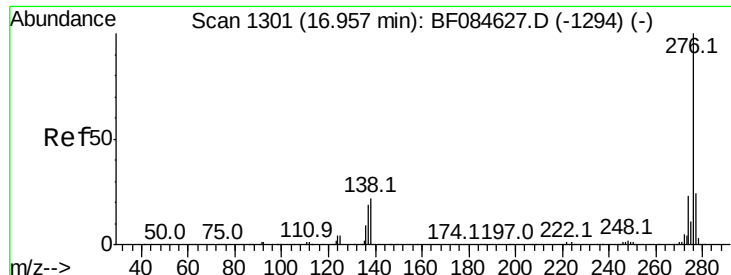
Delta R.T. 0.01 min

Lab File: BF084628.D

Acq: 29 Jan 2016 11:02

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.9	15.0	22.4#
279	23.5	18.9	28.3





#91
 Benzo(a,h,i)perylene
 Concen: 55.04 ng
 RT: 16.97 min Scan# 1302
 Delta R.T. 0.01 min
 Lab File: BF084628.D
 Acq: 29 Jan 2016 11:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.8	28.2
138	17.9	17.8	26.6

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