

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110315\
 Data File : BF082675.D
 Acq On : 3 Nov 2015 22:13
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Mmdadoda
 11/4/2015 5:26:14 PM

Quant Time: Nov 04 04:20:12 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 03 12:27:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	186686	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	754094	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	383812	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	685632	20.00	ng	-0.01
75) Chrysene-d12	14.04	240	502918	20.00	ng	-0.01
86) Perylene-d12	15.48	264	447398	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	854280	68.92	ng	0.00
7) Phenol-d6	6.51	99	1225295	74.41	ng	0.00
23) Nitrobenzene-d5	7.45	82	1343532	72.75	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	341797	81.37	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	2141548	79.22	ng	0.00
78) Terphenyl-d14	12.99	244	2023075	88.03	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	207203	36.16	ng	96
3) Pyridine	3.20	79	638862	38.03	ng	96
4) n-Nitrosodimethylamine	3.13	42	294478	31.14	ng	91
6) Aniline	6.53	93	857545	37.40	ng	97
8) 2-Chlorophenol	6.66	128	487000	36.31	ng	# 80
9) Benzaldehyde	6.42	77	363702	32.35	ng	96
10) Phenol	6.52	94	744396	39.89	ng	94
11) bis(2-Chloroethyl)ether	6.61	93	494713	35.94	ng	93
12) 1,3-Dichlorobenzene	6.82	146	578481m	37.83	ng	
13) 1,4-Dichlorobenzene	6.90	146	624504	41.18	ng	95
14) 1,2-Dichlorobenzene	7.05	146	513177m	36.45	ng	
15) Benzyl Alcohol	7.02	79	586828	38.22	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.16	45	768465	35.13	ng	98
17) 2-Methylphenol	7.14	107	452054	39.64	ng	96
18) Hexachloroethane	7.40	117	223306	37.73	ng	# 80
19) n-Nitroso-di-n-propylamine	7.30	70	429046	34.37	ng	92
20) 3+4-Methylphenols	7.29	107	515696	34.80	ng	92
22) Acetophenone	7.29	105	742123	33.43	ng	# 82
24) Nitrobenzene	7.46	77	574151	30.76	ng	# 88
25) Isophorone	7.71	82	1214059	35.74	ng	96
26) 2-Nitrophenol	7.78	139	263351	38.62	ng	# 82
27) 2,4-Dimethylphenol	7.82	122	521175	39.16	ng	94
28) bis(2-Chloroethoxy)methane	7.92	93	607217	32.68	ng	98
29) 2,4-Dichlorophenol	8.02	162	422256	34.80	ng	86
30) 1,2,4-Trichlorobenzene	8.11	180	497578	36.95	ng	97
31) Naphthalene	8.19	128	1501498	36.80	ng	100
32) Benzoic acid	7.94	122	352586	36.51	ng	96
33) 4-Chloroaniline	8.24	127	674389	38.71	ng	# 92
34) Hexachlorobutadiene	8.32	225	322413	37.65	ng	98
35) Caprolactam	8.61	113	148540	39.90	ng	# 73
36) 4-Chloro-3-methylphenol	8.72	107	494220	34.59	ng	94
37) 2-Methylnaphthalene	8.88	142	942313	35.63	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	450400	35.17	ng	99
40) Hexachlorocyclopentadiene	9.05	237	275992	34.28	ng	95

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Instrument :
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Manual Integrations
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Quant Time: Nov 04 04:20:12 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 03 12:27:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	361436	39.08	nq	98
43) 2,4,5-Trichlorophenol	9.20	196	360974	39.18	nq #	89
45) 1,1'-Biphenyl	9.34	154	1136646	35.06	nq	97
46) 2-Chloronaphthalene	9.37	162	887242	35.05	nq	94
47) 2-Nitroaniline	9.46	65	362167	36.80	nq	88
48) Acenaphthylene	9.79	152	1547912	38.23	nq	98
49) Dimethylphthalate	9.65	163	1249410	39.86	nq	99
50) 2,6-Dinitrotoluene	9.71	165	259528	39.95	nq #	58
51) Acenaphthene	9.96	154	1021262	39.73	nq	99
52) 3-Nitroaniline	9.87	138	263964	36.52	nq	89
53) 2,4-Dinitrophenol	9.97	184	142358	44.38	nq #	20
54) Dibenzofuran	10.13	168	1341885	38.47	nq #	88
55) 4-Nitrophenol	10.03	139	213603	39.28	nq #	72
56) 2,4-Dinitrotoluene	10.11	165	355563	40.47	nq #	60
57) Fluorene	10.48	166	1072105	38.11	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	312904	40.18	nq #	89
59) Diethylphthalate	10.35	149	1187202	37.20	nq	99
60) 4-Chlorophenyl-phenylether	10.46	204	499342	36.51	nq #	87
61) 4-Nitroaniline	10.49	138	296262	42.95	nq #	78
62) Azobenzene	10.62	77	1189320	33.05	nq	92
64) 4,6-Dinitro-2-methylphenol	10.51	198	176720	42.73	nq #	49
65) n-Nitrosodiphenylamine	10.58	169	874254	37.09	nq	98
66) 4-Bromophenyl-phenylether	10.96	248	334846	43.10	nq #	87
67) Hexachlorobenzene	11.02	284	373666	43.37	nq #	70
68) Atrazine	11.12	200	320230	41.53	nq	90
69) Pentachlorophenol	11.21	266	224736	39.56	nq	99
70) Phenanthrene	11.44	178	1565385	40.48	nq	97
71) Anthracene	11.48	178	1535671	39.44	nq	100
72) Carbazole	11.63	167	1260212	37.16	nq	99
73) Di-n-butylphthalate	11.97	149	1703269	39.45	nq	99
74) Fluoranthene	12.61	202	1507060	38.12	nq	98
76) Benzidine	12.74	184	880485	38.82	nq	99
77) Pyrene	12.84	202	1470354	39.48	nq	99
79) Butylbenzylphthalate	13.47	149	738025	45.25	nq	99
80) Benzo(a)anthracene	14.03	228	1253230	39.23	nq	99
81) 3,3'-Dichlorobenzidine	14.00	252	435105	39.53	nq	99
82) Chrysene	14.08	228	1225598	42.33	nq	99
83) Bis(2-ethylhexyl)phthalate	14.04	149	1117734	52.86	nq #	99
84) Di-n-octyl phthalate	14.65	149	1566488	47.49	nq	98
85) Indeno(1,2,3-cd)pyrene	16.90	276	1203318	50.36	nq	99
87) Benzo(b)fluoranthene	15.07	252	995518	32.27	nq	99
88) Benzo(k)fluoranthene	15.11	252	1022523m	43.51	nq	
89) Benzo(a)pyrene	15.43	252	913910	37.62	nq	99
90) Dibenzo(a,h)anthracene	16.92	278	1008701	44.50	nq	98
91) Benzo(g,h,i)perylene	17.32	276	995161	45.30	nq	99

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

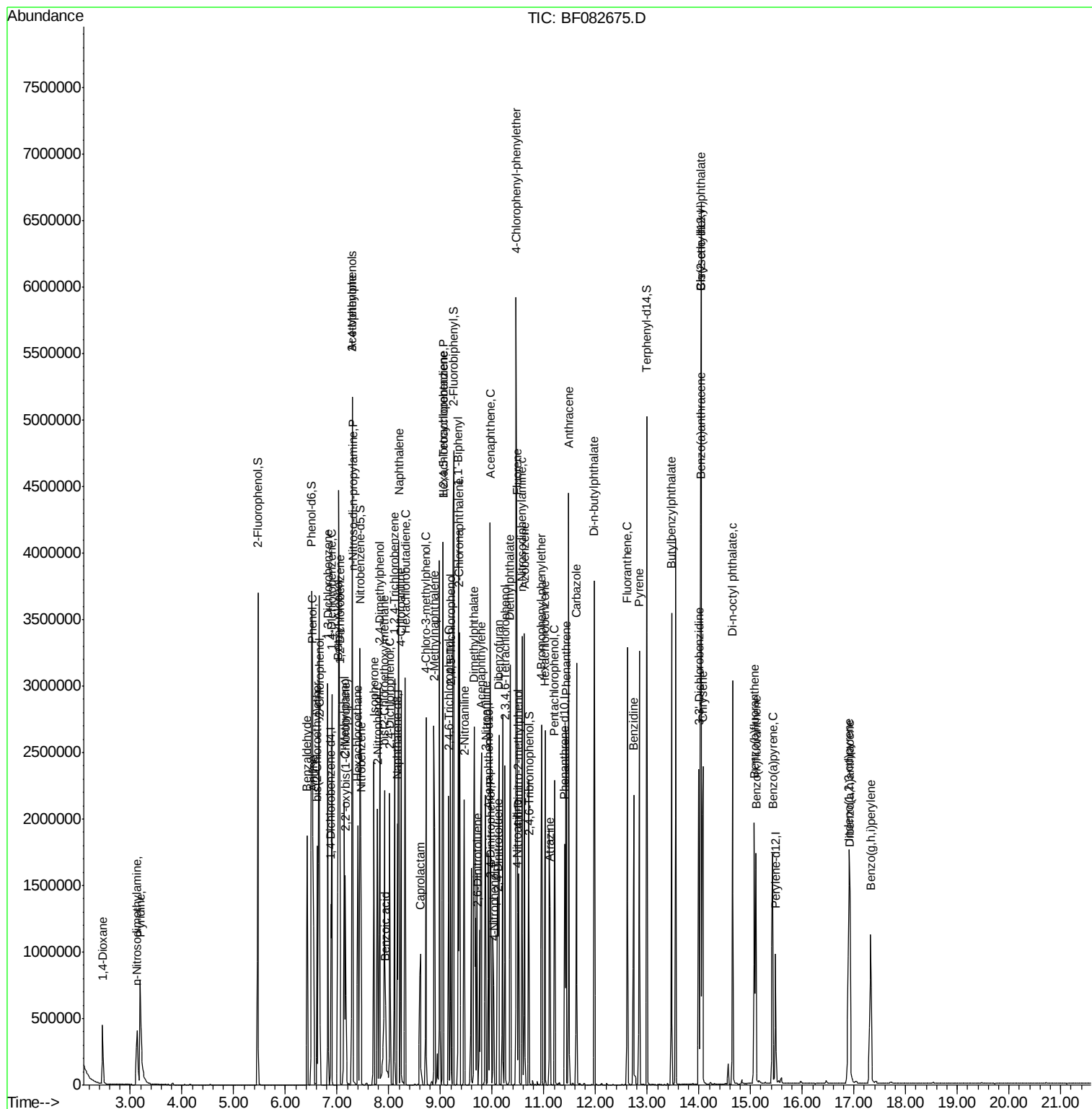
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF110315\  
Data File : BF082675.D  
Acq On    : 3 Nov 2015 22:13  
Operator  : UM/IZ  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 2 Sample Multiplier: 1
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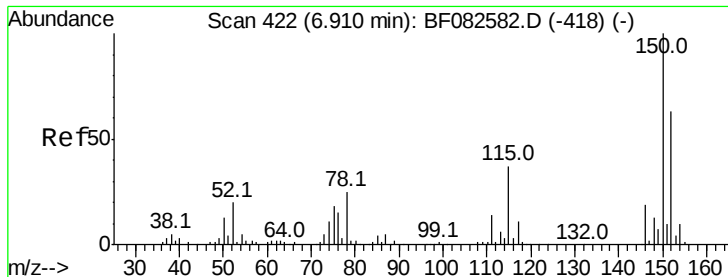
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 419

Delta R.T. 0.00 min

Lab File: BF082675.D

Acq: 3 Nov 2015 22:13

Instrument :

BNA_F

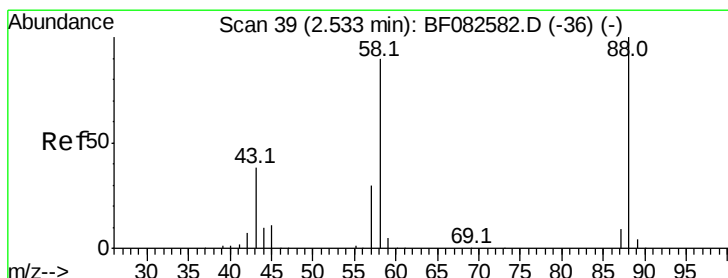
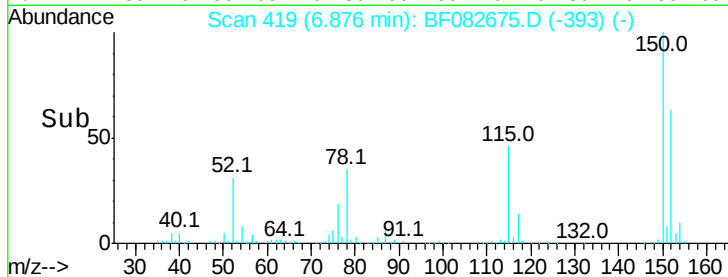
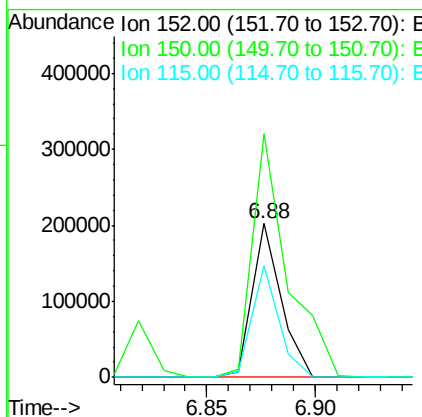
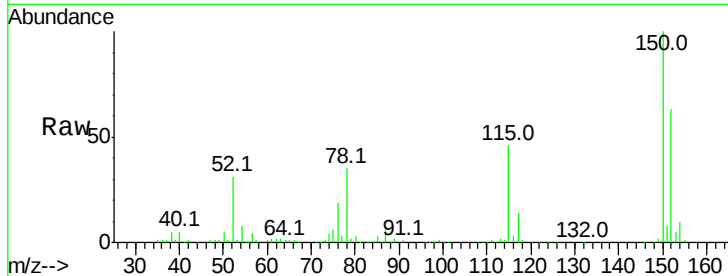
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	127.0	190.4
115	72.5	47.0	70.6

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#2

1,4-Dioxane

Concen: 36.16 ng

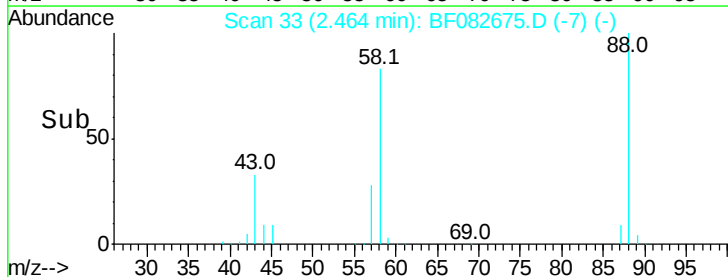
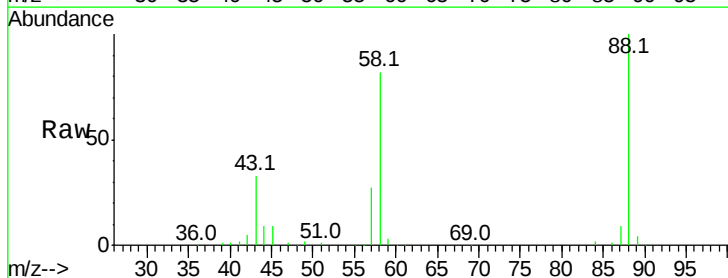
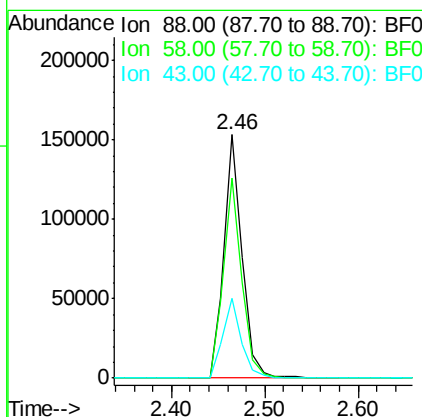
RT: 2.46 min Scan# 33

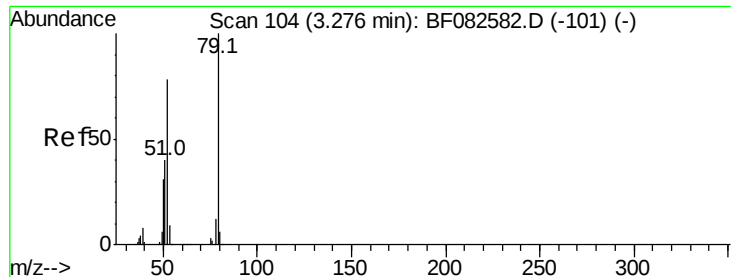
Delta R.T. 0.00 min

Lab File: BF082675.D

Acq: 3 Nov 2015 22:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.7	62.0	93.0
43	33.3	26.6	40.0





#3

Pvridine

Concen: 38.03 ng

RT: 3.20 min Scan# 97

Delta R.T. 0.00 min

Lab File: BF082675.D

Acq: 3 Nov 2015 22:13

Instrument :

BNA_F

ClientSampleId :

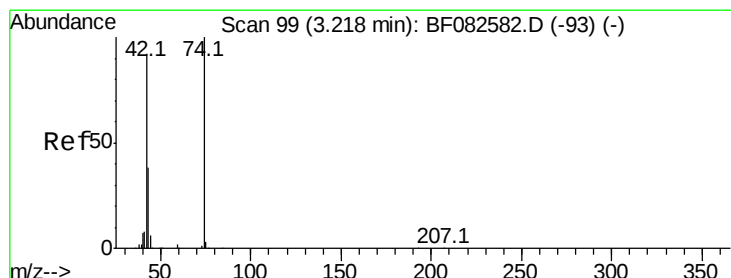
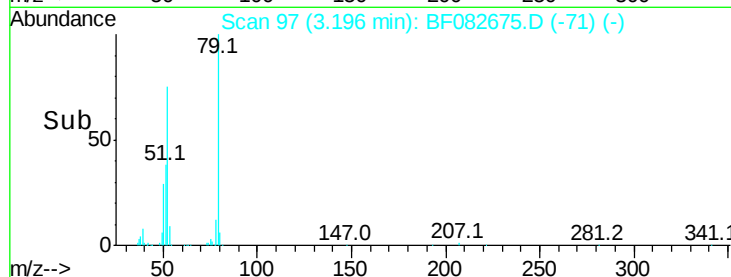
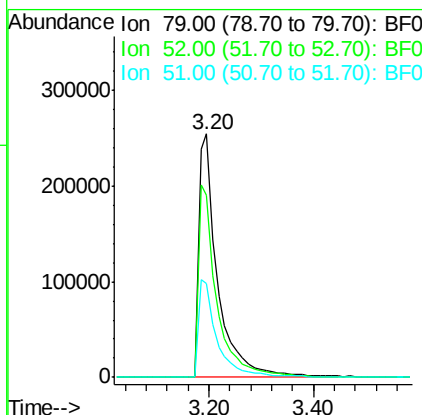
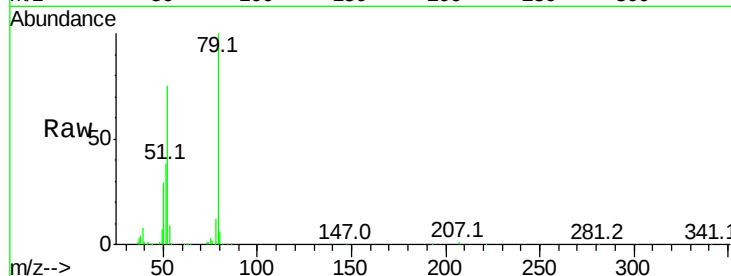
SSTDCCC040EC

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Tot Ion	Ratio	Lower	Upper
79	100		
52	75.0	62.8	94.2
51	38.4	32.0	48.0



#4

n-Nitrosodimethylamine

Concen: 31.14 ng

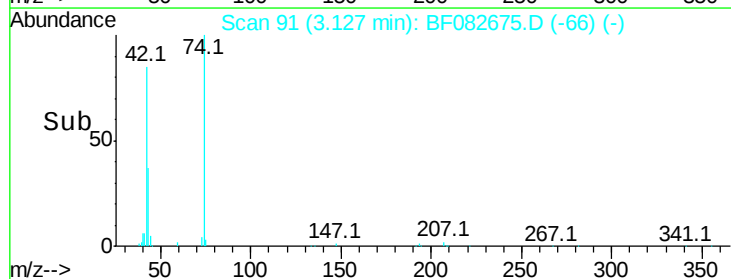
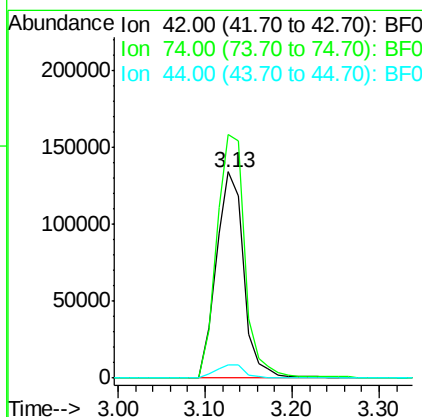
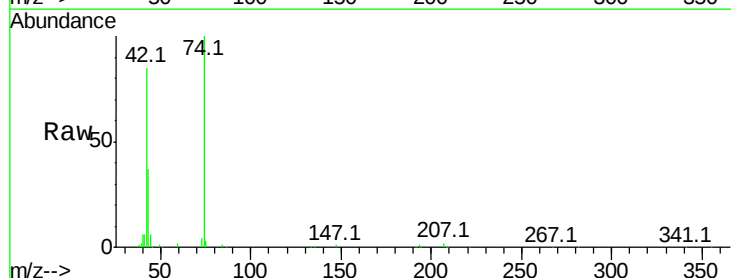
RT: 3.13 min Scan# 91

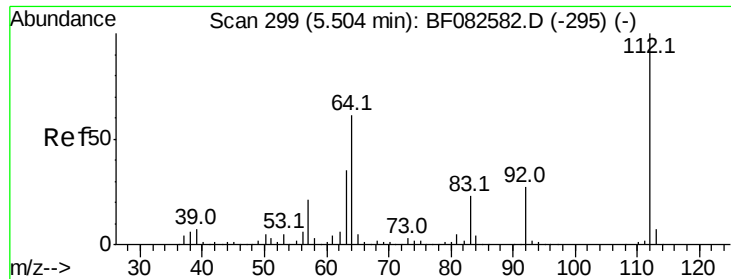
Delta R.T. -0.01 min

Lab File: BF082675.D

Acq: 3 Nov 2015 22:13

Tgt Ion	Ratio	Lower	Upper
42	100		
74	118.2	87.0	130.4
44	6.7	5.8	8.8





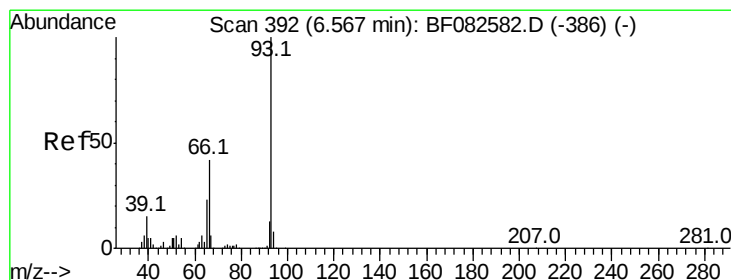
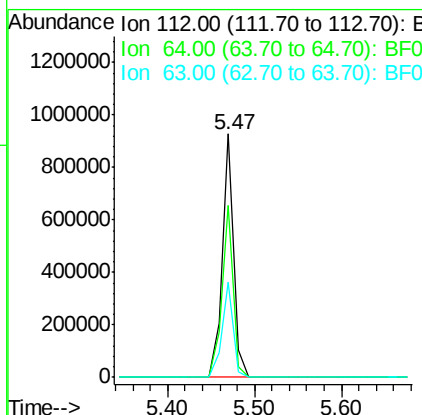
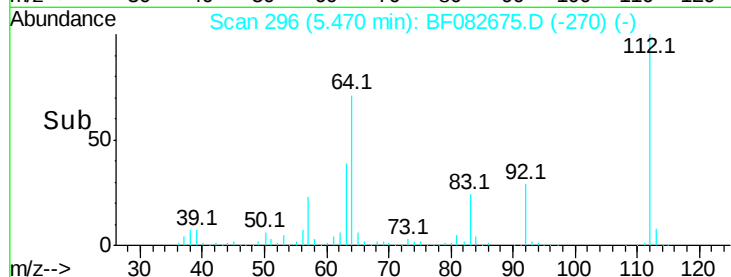
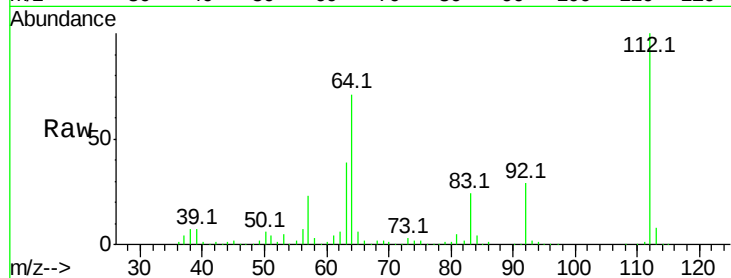
#5
 2-Fluorophenol
 Concen: 68.92 ng
 RT: 5.47 min Scan# 296
 Delta R.T. 0.00 min
 Lab File: BF082675.D
 Acq: 3 Nov 2015 22:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:	112	Resp:	854280
Ion Ratio	Lower	Upper	
112	100		
64	70.8	48.9	73.3
63	39.1	28.1	42.1

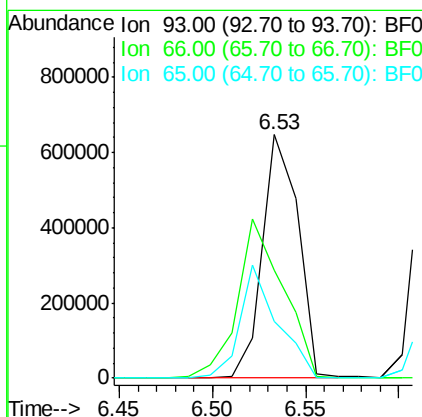
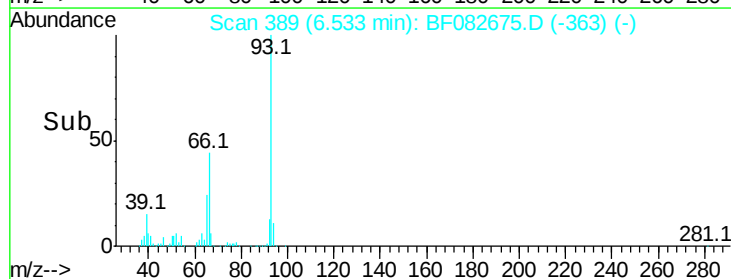
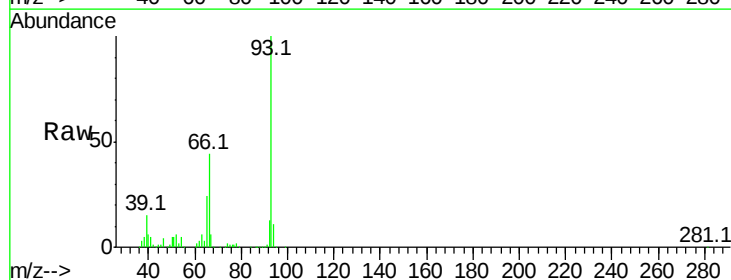
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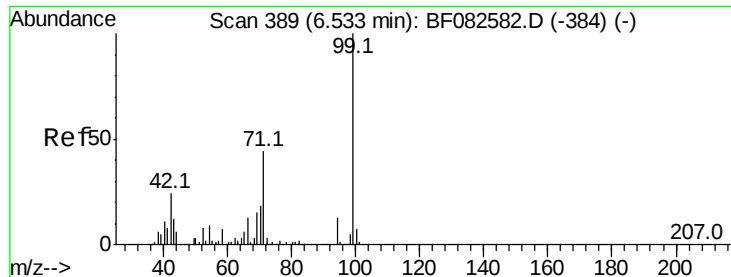
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#6
 Aniline
 Concen: 37.40 ng
 RT: 6.53 min Scan# 389
 Delta R.T. 0.00 min
 Lab File: BF082675.D
 Acq: 3 Nov 2015 22:13

Tgt Ion:	93	Resp:	857545
Ion Ratio	Lower	Upper	
93	100		
66	44.3	33.6	50.4
65	23.6	18.1	27.1





#7

Phenol-d6

Concen: 74.41 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF082675.D

Acq: 3 Nov 2015 22:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 99 Resp: 1225295

Ion Ratio Lower Upper

99 100

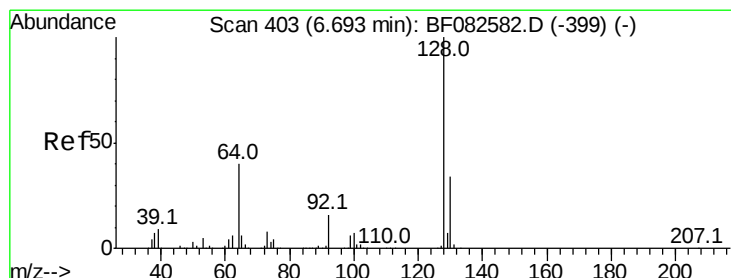
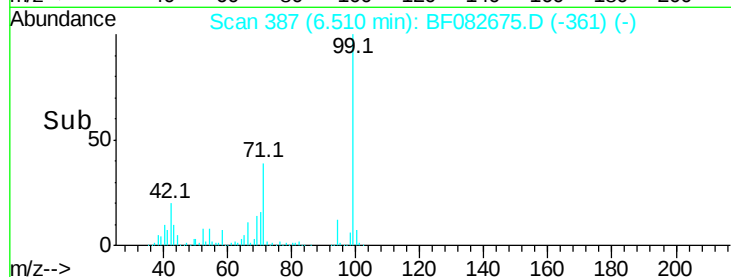
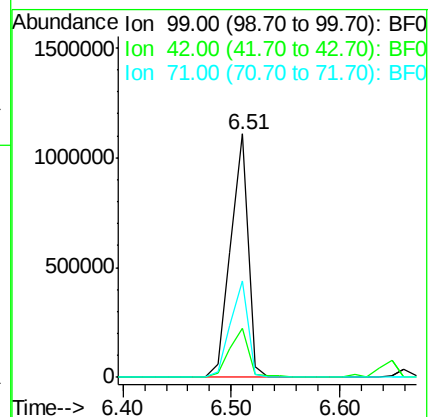
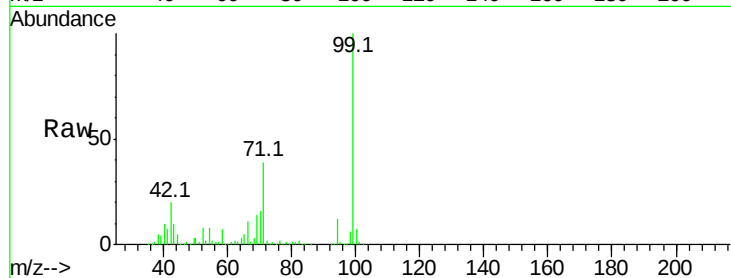
42 20.4 19.2 28.8

71 39.4 35.0 52.4

Manual Integrations
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#8

2-Chlorophenol

Concen: 36.31 ng

RT: 6.66 min Scan# 400

Delta R.T. 0.00 min

Lab File: BF082675.D

Acq: 3 Nov 2015 22:13

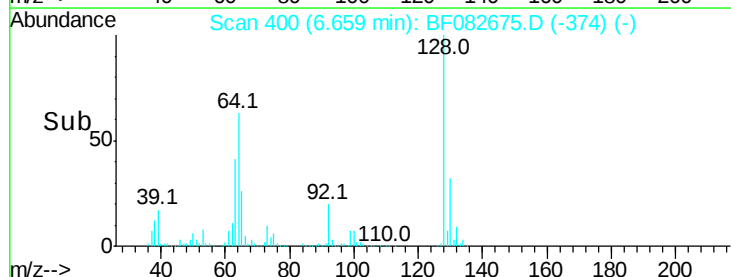
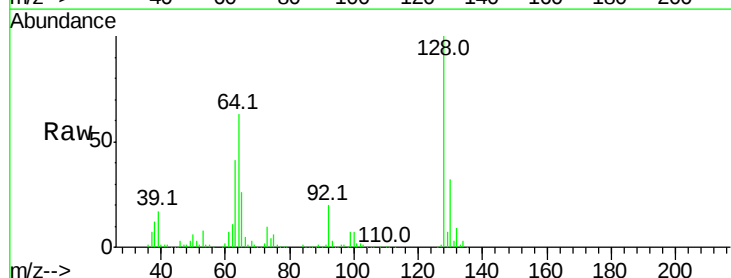
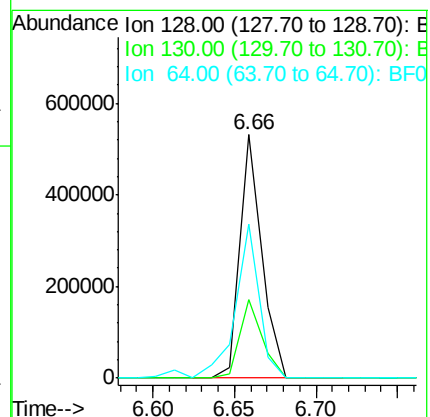
Tgt Ion:128 Resp: 487000

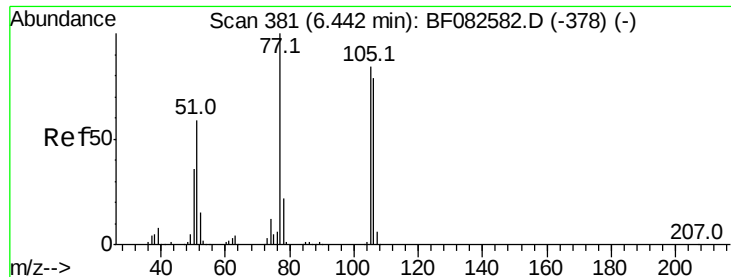
Ion Ratio Lower Upper

128 100

130 32.5 13.5 53.5

64 63.3 21.1 61.1#





#9

Benzaldehyde

Concen: 32.35 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF082675.D

Acq: 3 Nov 2015 22:13

Instrument :

BNA_F

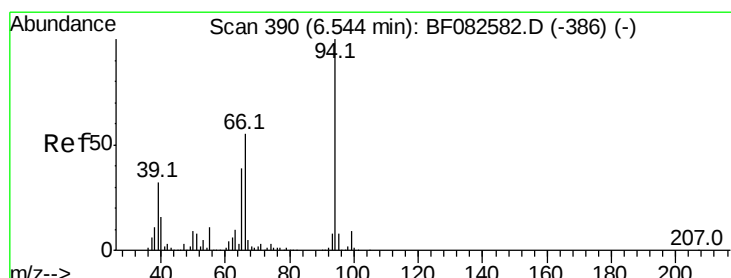
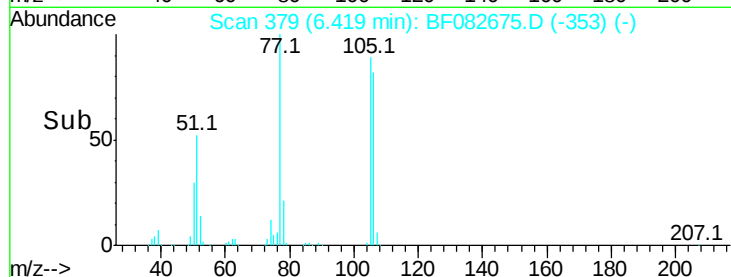
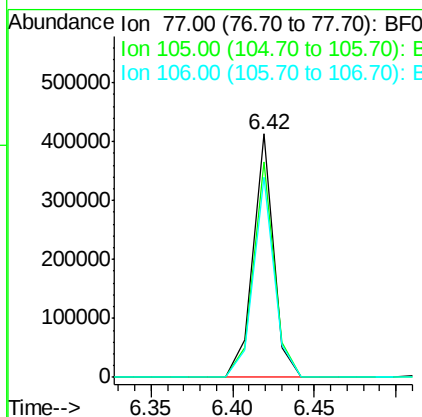
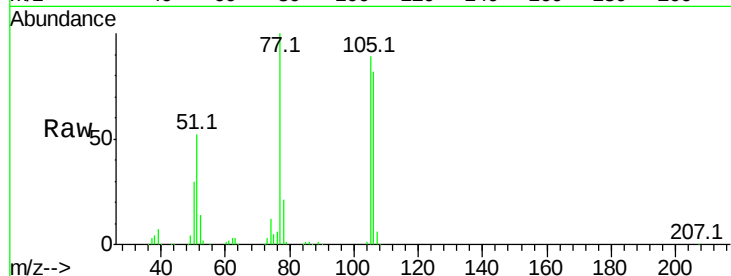
ClientSampleId :

SSTDCCC040EC

Tot Ion:	77	Resp:	363702
Ion Ratio	Lower	Upper	
77	100		
105	88.5	63.5	103.5
106	82.2	59.3	99.3

Manual Integrations
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#10

Phenol

Concen: 39.89 ng

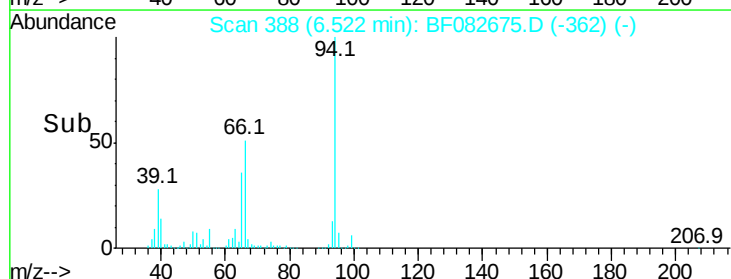
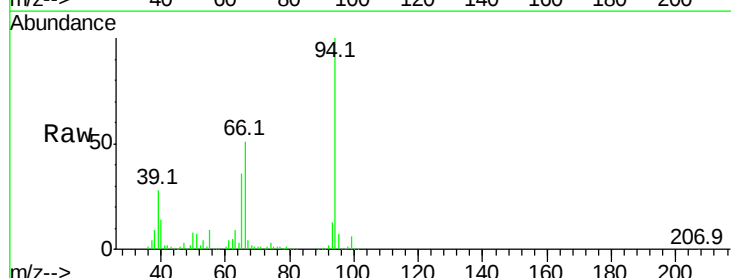
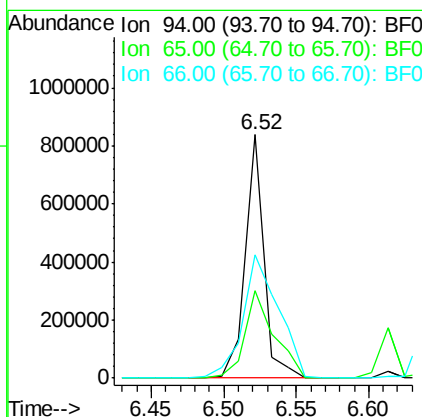
RT: 6.52 min Scan# 388

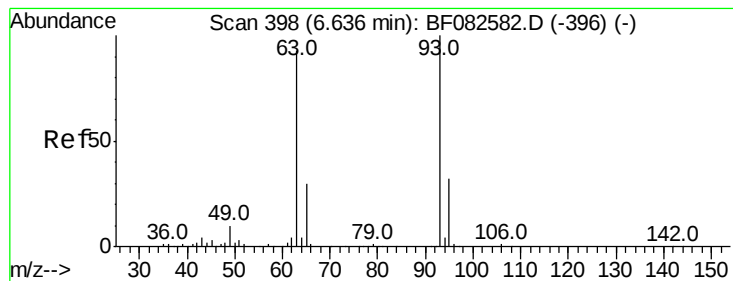
Delta R.T. 0.00 min

Lab File: BF082675.D

Acq: 3 Nov 2015 22:13

Tgt Ion:	94	Resp:	744396
Ion Ratio	Lower	Upper	
94	100		
65	35.8	18.9	58.9
66	50.5	34.9	74.9





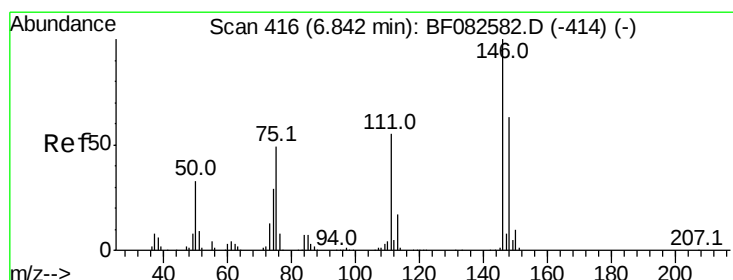
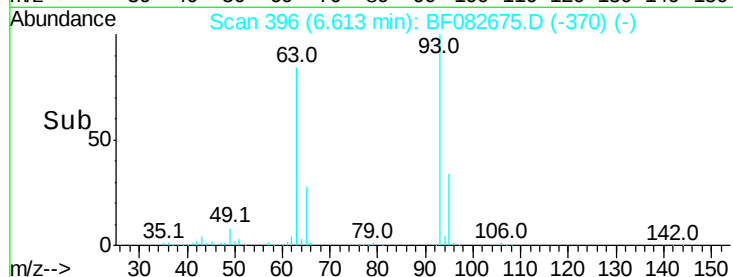
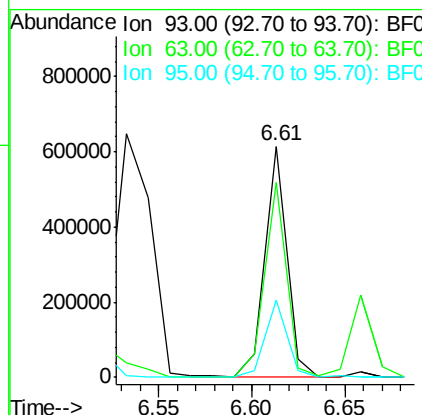
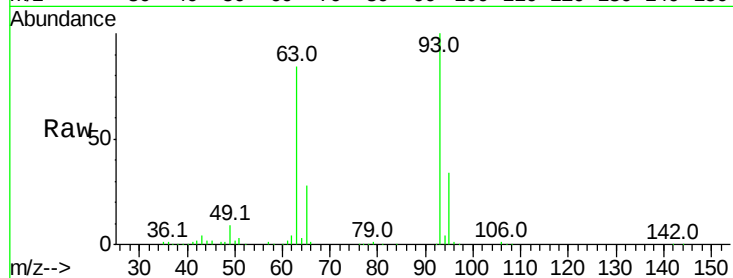
#11
bis(2-Chloroethyl)ether
Concen: 35.94 ng
RT: 6.61 min Scan# 396
Delta R.T. 0.00 min
Lab File: BF082675.D
Acq: 3 Nov 2015 22:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
93	100		
63	84.3	72.7	112.7
95	33.6	12.0	52.0

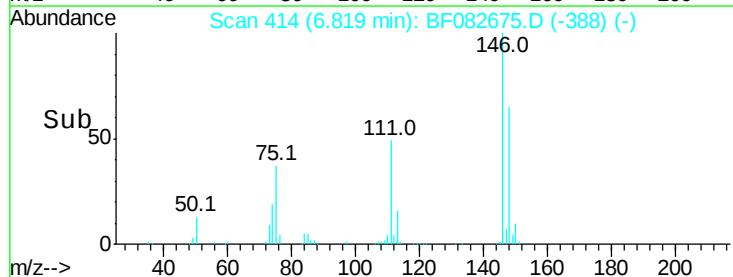
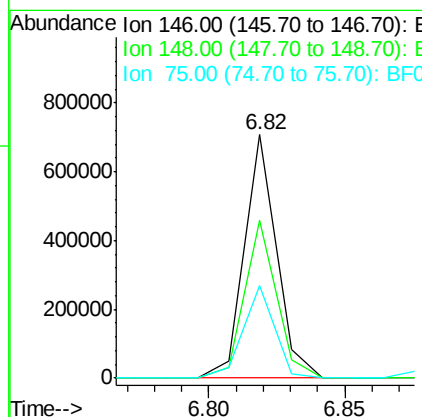
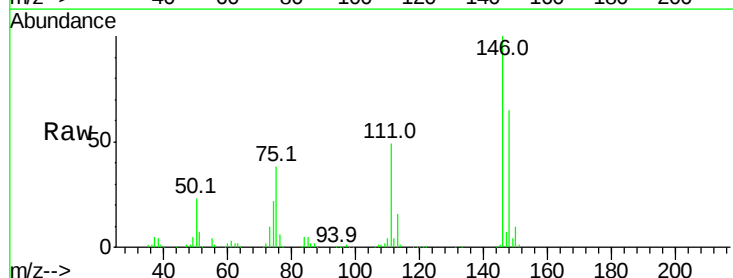
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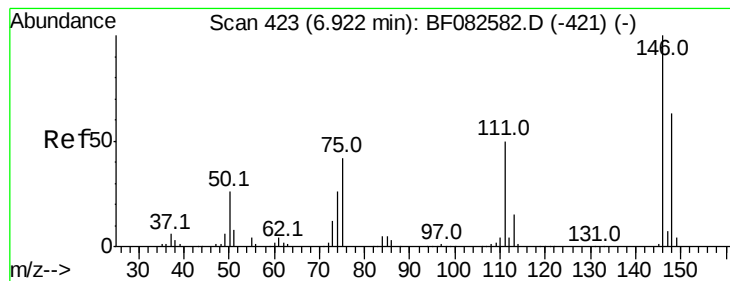
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#12
1,3-Dichlorobenzene
Concen: 37.83 ng m
RT: 6.82 min Scan# 414
Delta R.T. 0.00 min
Lab File: BF082675.D
Acq: 3 Nov 2015 22:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.5	75.7
75	38.1	39.5	59.3#





#13

1,4-Dichlorobenzene

Concen: 41.18 ng

RT: 6.90 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF082675.D

Acq: 3 Nov 2015 22:13

Instrument :

BNA_F

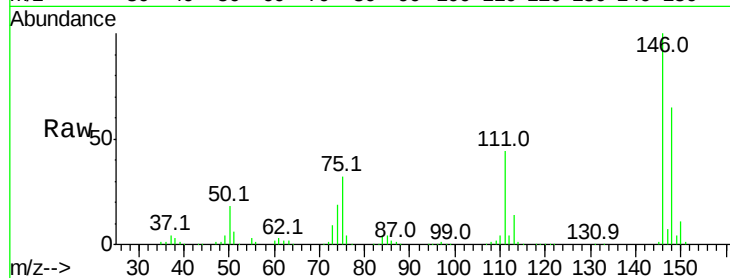
ClientSampleId :

SSTDCCC040EC

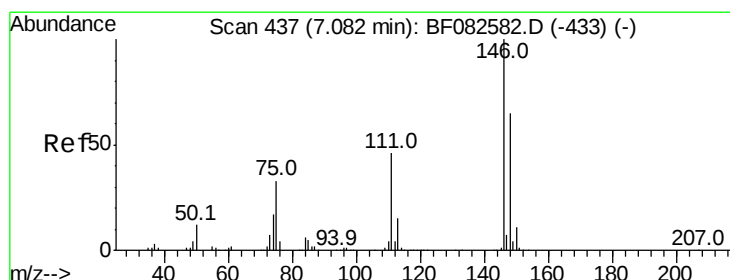
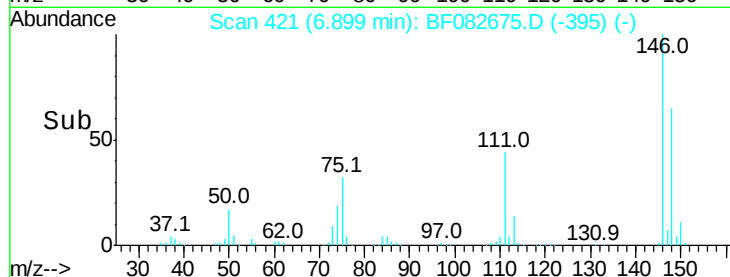
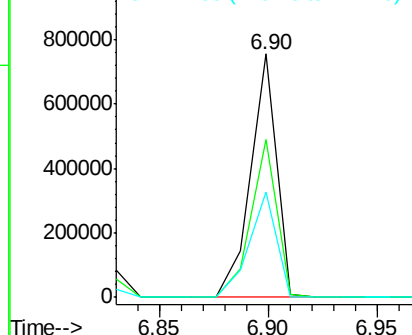
Tot Ion:	146	Resp:	624504
Ion Ratio	Lower	Upper	
146	100		
148	64.7	50.8	76.2
111	43.5	40.6	60.8

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 36.45 ng m

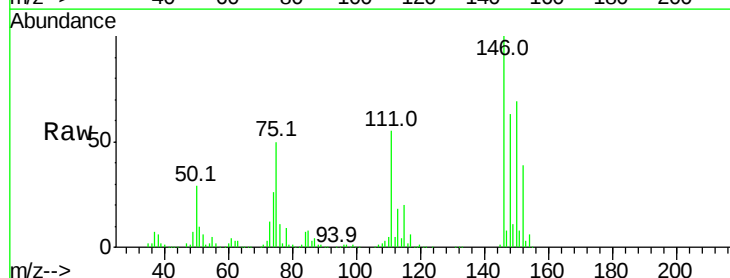
RT: 7.05 min Scan# 434

Delta R.T. -0.01 min

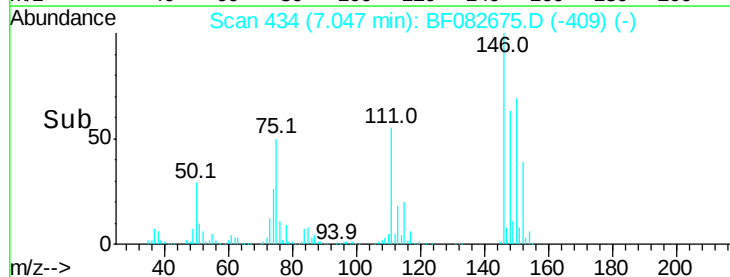
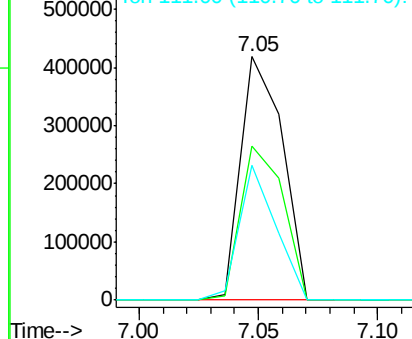
Lab File: BF082675.D

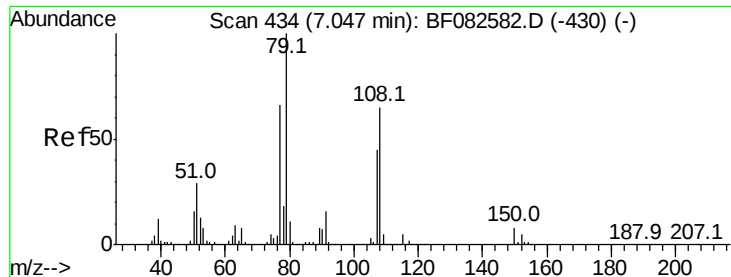
Acq: 3 Nov 2015 22:13

Tgt Ion:	146	Resp:	513177
Ion Ratio	Lower	Upper	
146	100		
148	63.2	52.2	78.4
111	55.1	36.6	55.0#



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.22 ng

RT: 7.02 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF082675.D

Acq: 3 Nov 2015 22:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 79 Resp: 586828

Ion Ratio Lower Upper

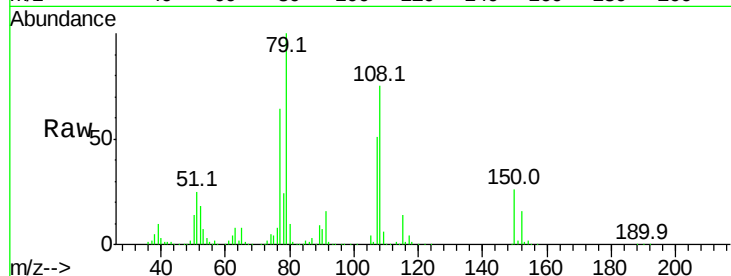
79 100

108 75.1 52.2 78.4

77 63.9 52.7 79.1

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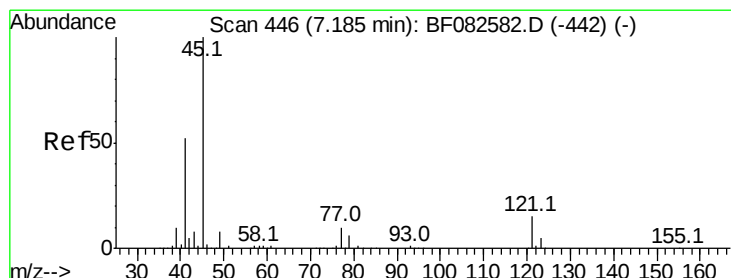
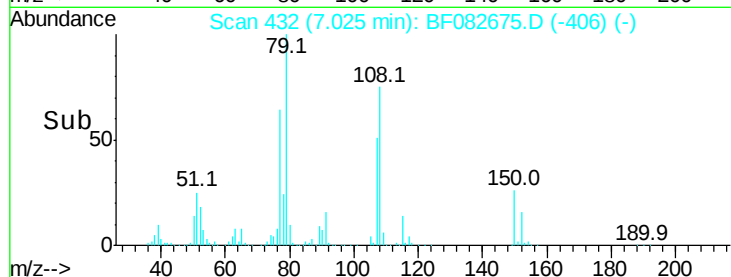
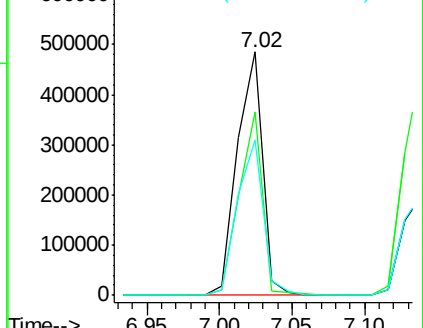
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Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.13 ng

RT: 7.16 min Scan# 444

Delta R.T. 0.00 min

Lab File: BF082675.D

Acq: 3 Nov 2015 22:13

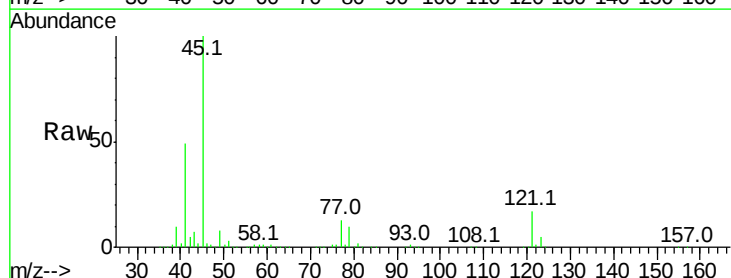
Tgt Ion: 45 Resp: 768465

Ion Ratio Lower Upper

45 100

77 13.3 0.0 32.6

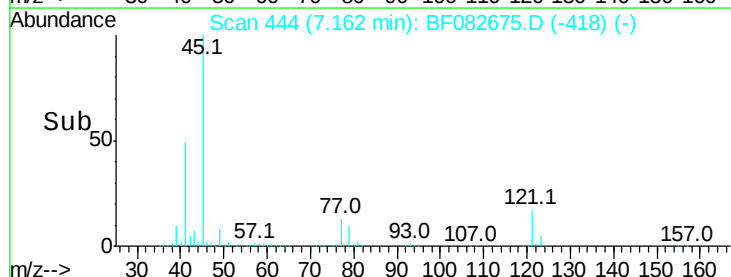
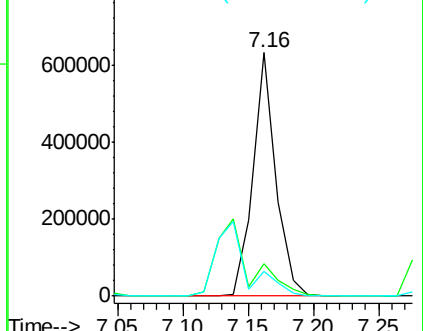
79 10.2 0.0 29.2

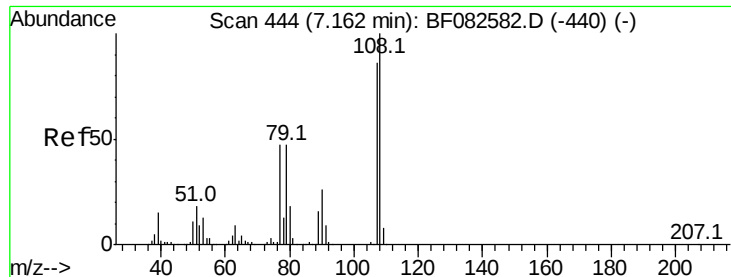


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 39.64 ng

RT: 7.14 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF082675.D

Acq: 3 Nov 2015 22:13

Instrument :

BNA_F

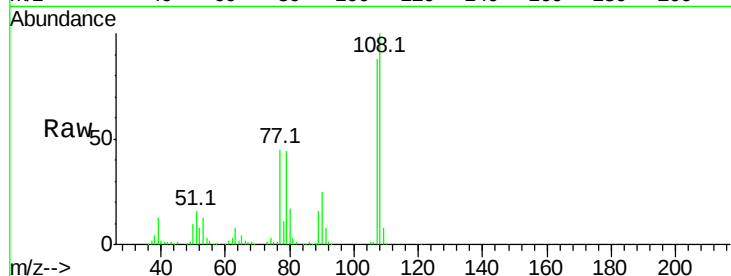
ClientSampleId :

SSTDCCC040EC

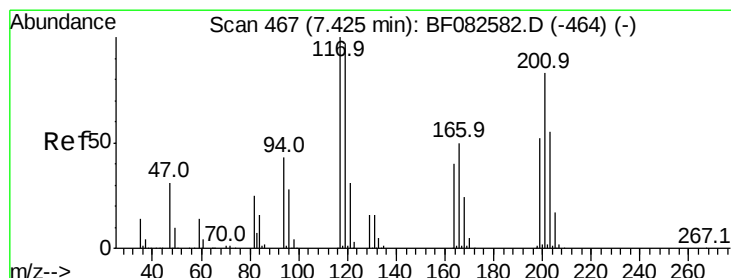
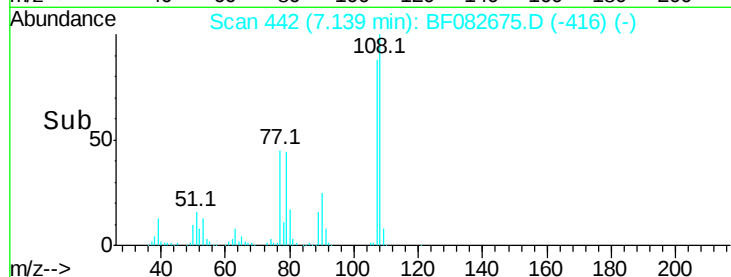
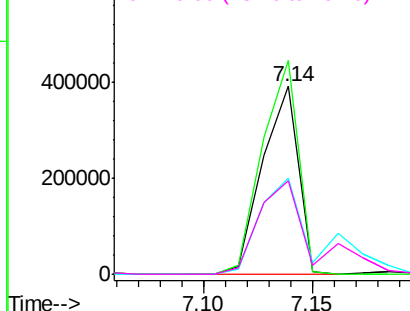
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.9	93.0	139.4	
77	51.0	44.1	66.1	
79	49.8	43.6	65.4	

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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: 37.73 ng

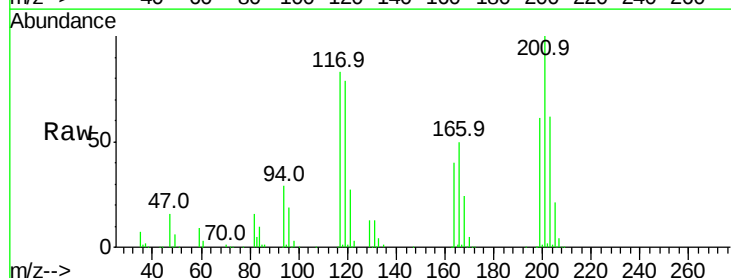
RT: 7.40 min Scan# 465

Delta R.T. 0.00 min

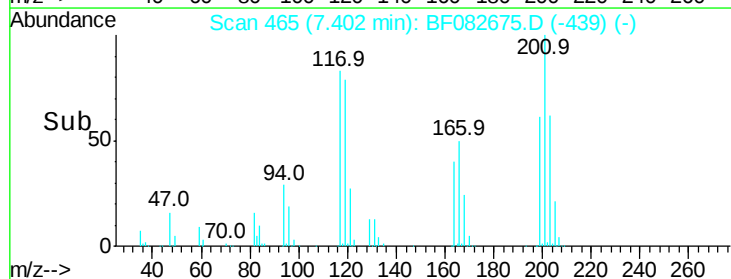
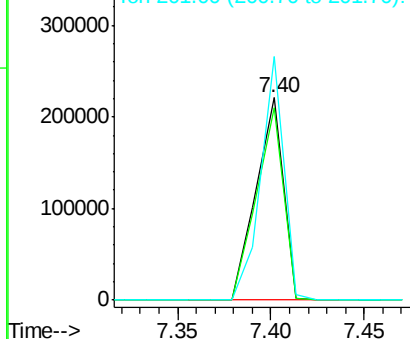
Lab File: BF082675.D

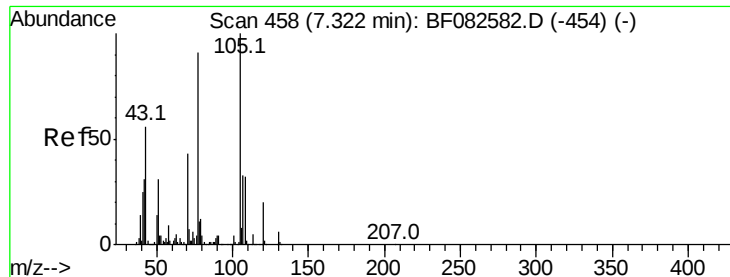
Acq: 3 Nov 2015 22:13

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.4	77.7	116.5	
201	120.4	66.7	100.1#	



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





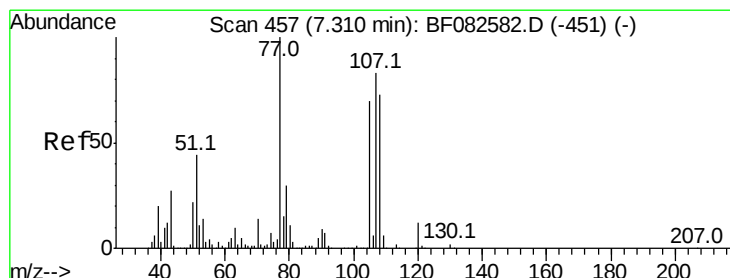
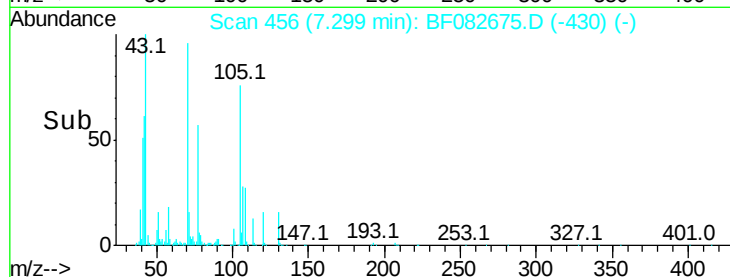
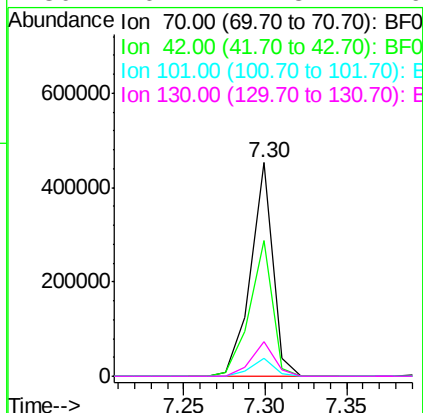
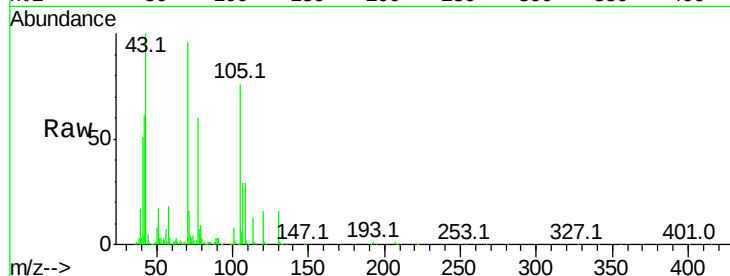
#19
n-Nitroso-di-n-propylamine
Concen: 34.37 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF082675.D
Acq: 3 Nov 2015 22:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	70	Resp	429046
Ion Ratio	Lower	Upper	
70	100		
42	63.7	57.7	86.5
101	8.6	7.0	10.6
130	16.4	11.8	17.6

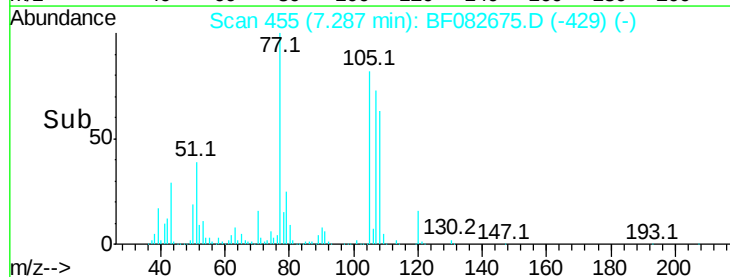
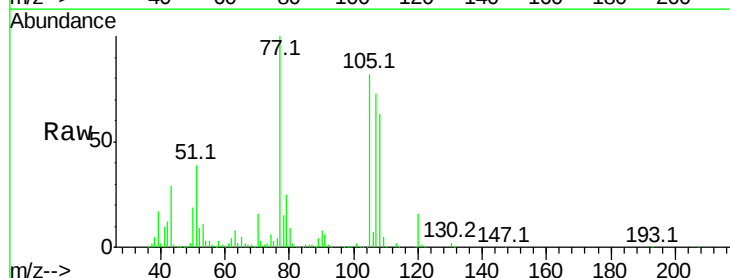
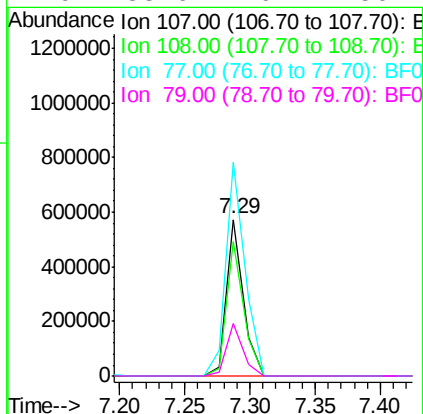
Manual Integrations
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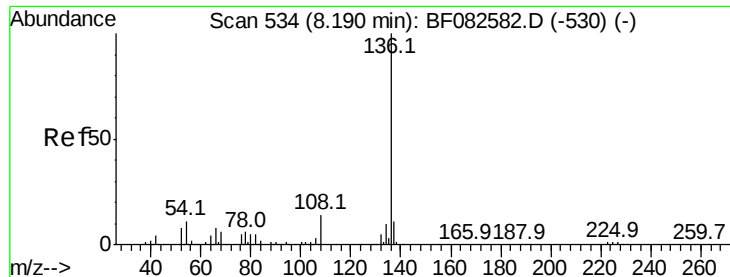
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#20
3+4-Methylphenols
Concen: 34.80 ng
RT: 7.29 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF082675.D
Acq: 3 Nov 2015 22:13

Tgt Ion	107	Resp	515696
Ion Ratio	Lower	Upper	
107	100		
108	85.6	67.3	107.3
77	136.3	100.3	140.3
79	33.6	16.2	56.2





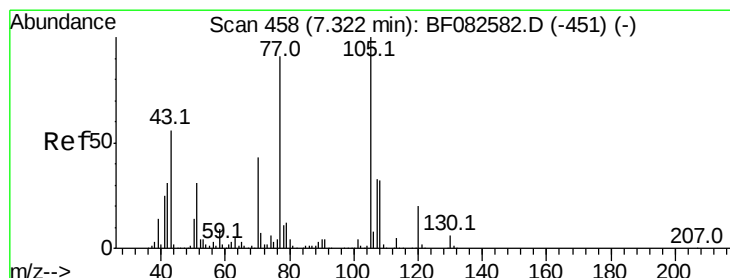
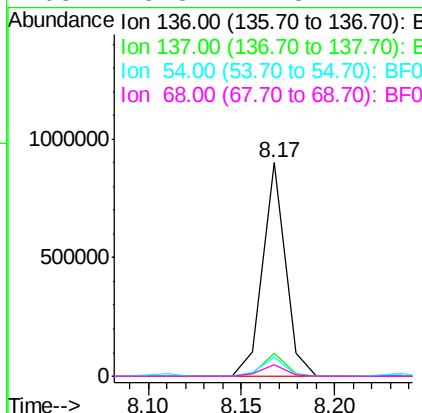
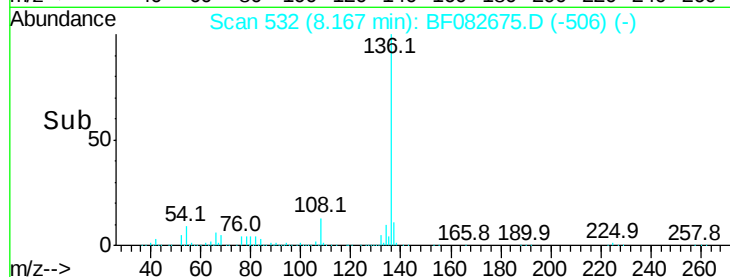
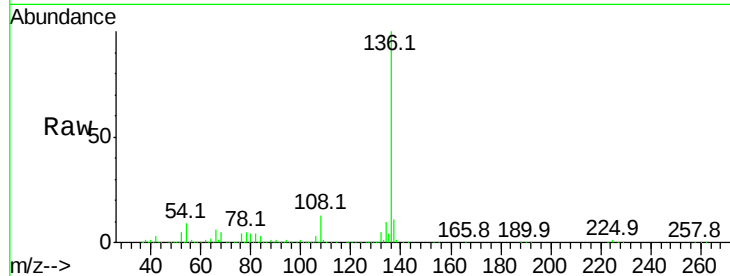
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF082675.D
Acq: 3 Nov 2015 22:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.0	9.1	13.7
54	9.0	9.1	13.7#
68	5.3	4.8	7.2

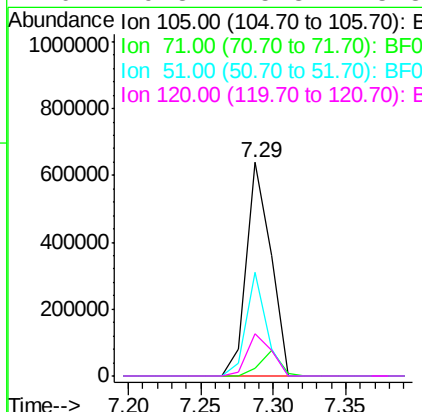
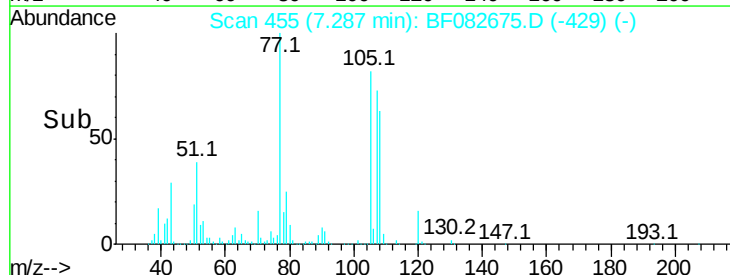
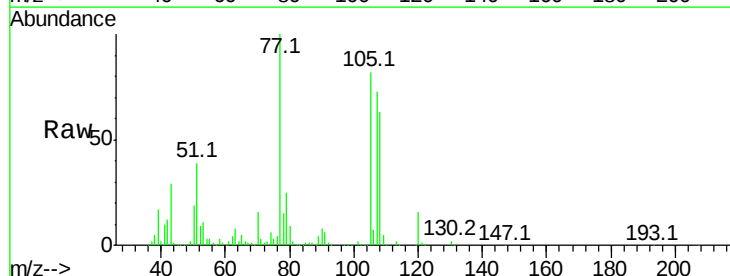
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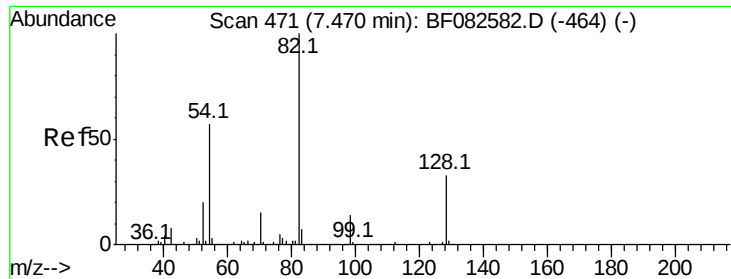
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#22
Acetophenone
Concen: 33.43 ng
RT: 7.29 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF082675.D
Acq: 3 Nov 2015 22:13

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	3.5	5.6	8.4#
51	48.3	24.9	37.3#
120	19.8	15.8	23.8





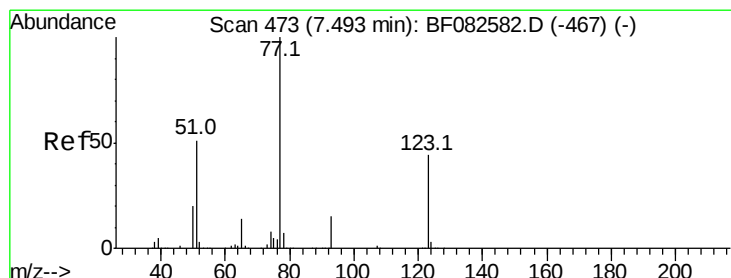
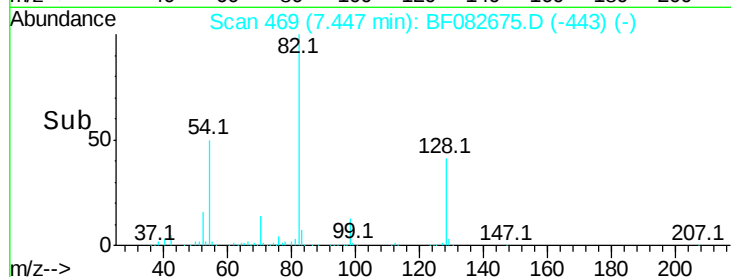
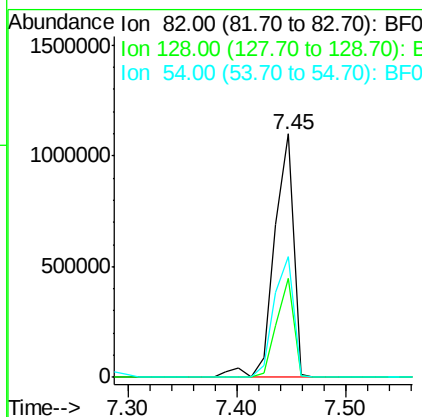
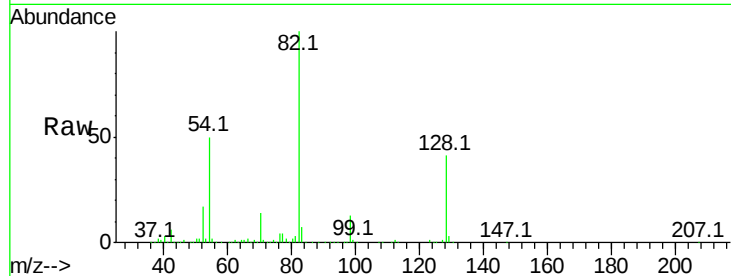
#23
 Nitrobenzene-d5
 Concen: 72.75 ng
 RT: 7.45 min Scan# 469
 Delta R.T. 0.00 min
 Lab File: BF082675.D
 Acq: 3 Nov 2015 22:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion: 82 Resp: 1343532
 Ion Ratio Lower Upper
 82 100
 128 40.5 26.8 40.2#
 54 49.8 45.7 68.5

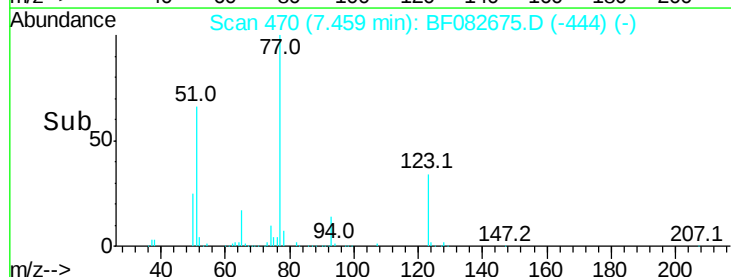
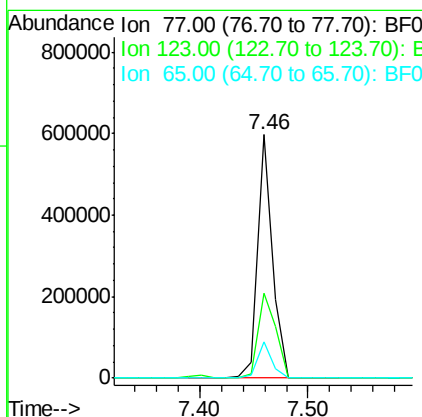
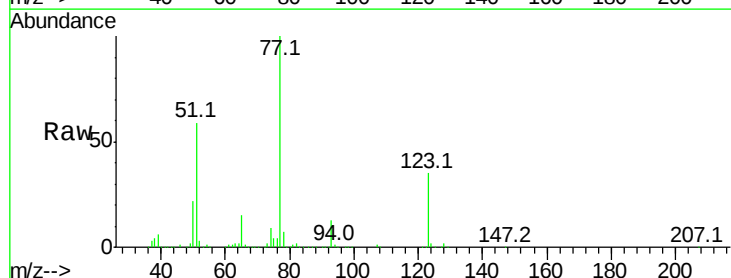
Manual Integrations
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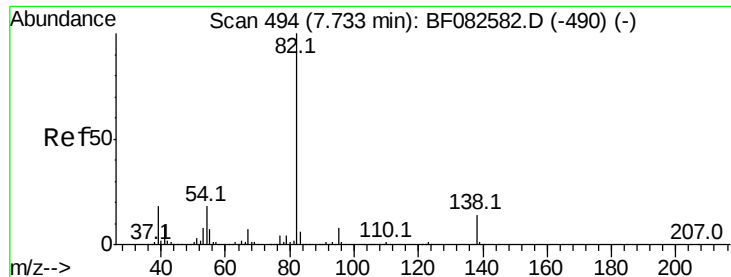
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 11/4/2015 5:26:14 PM



#24
 Nitrobenzene
 Concen: 30.76 ng
 RT: 7.46 min Scan# 470
 Delta R.T. 0.00 min
 Lab File: BF082675.D
 Acq: 3 Nov 2015 22:13

Tgt Ion: 77 Resp: 574151
 Ion Ratio Lower Upper
 77 100
 123 35.0 36.4 54.6#
 65 14.9 11.5 17.3





#25

Isophorone

Concen: 35.74 ng

RT: 7.71 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF082675.D

Acq: 3 Nov 2015 22:13

Instrument :

BNA_F

ClientSampleId :

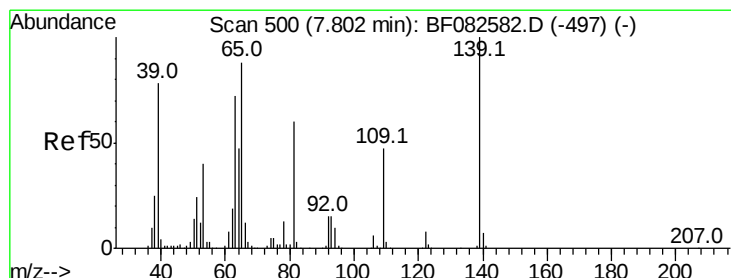
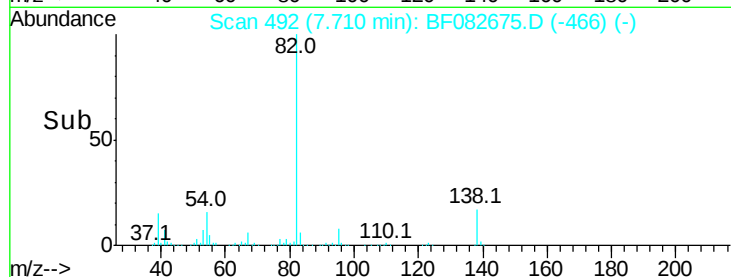
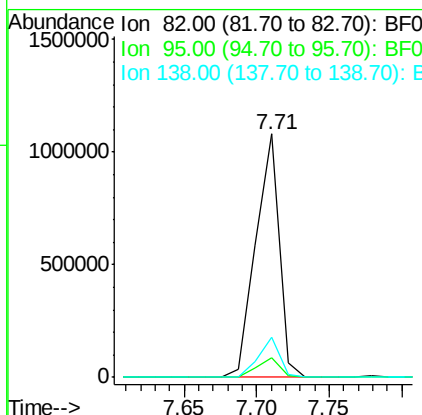
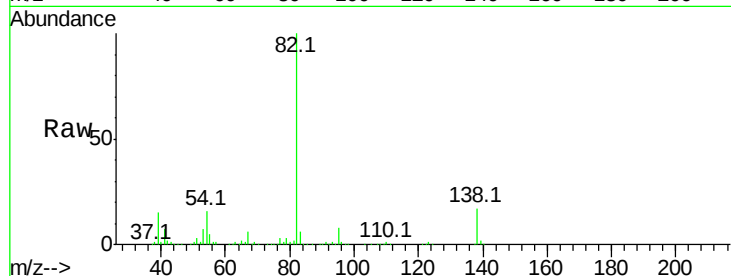
SSTDCCC040EC

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Tot Ion:	82	Resp:	1214059
Ion	Ratio	Lower	Upper
82	100		
95	7.9	6.6	9.8
138	16.6	11.4	17.0



#26

2-Nitrophenol

Concen: 38.62 ng

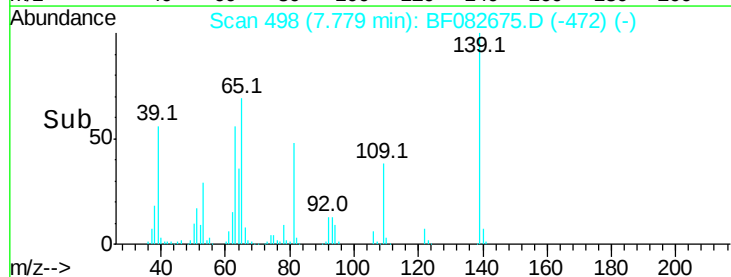
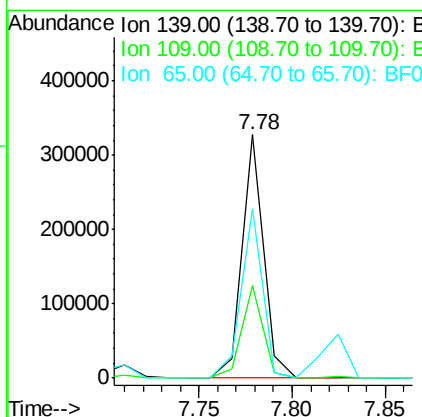
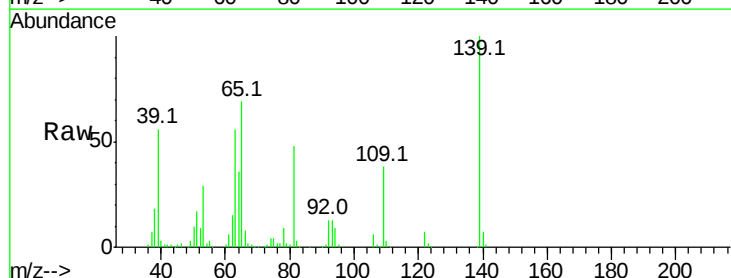
RT: 7.78 min Scan# 498

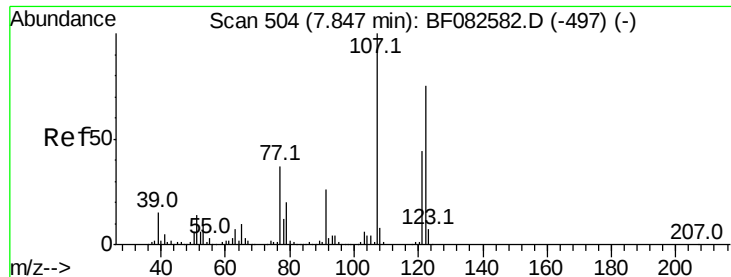
Delta R.T. 0.00 min

Lab File: BF082675.D

Acq: 3 Nov 2015 22:13

Tgt Ion:	139	Resp:	263351
Ion	Ratio	Lower	Upper
139	100		
109	37.8	37.6	56.4
65	69.3	70.6	105.8#





#27

2,4-Dimethylphenol

Concen: 39.16 ng

RT: 7.82 min Scan# 502

Delta R.T. 0.00 min

Lab File: BF082675.D

Acq: 3 Nov 2015 22:13

Instrument :

BNA_F

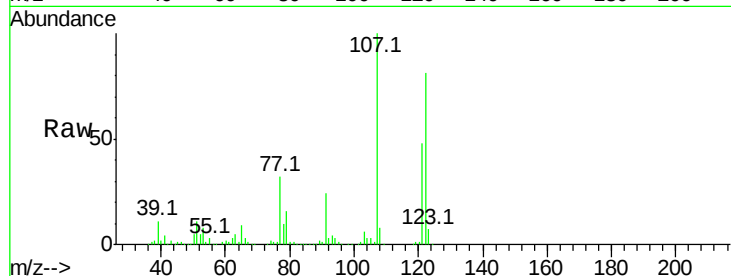
ClientSampleId :

SSTDCCC040EC

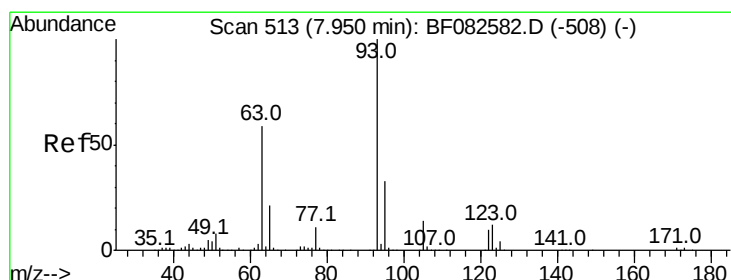
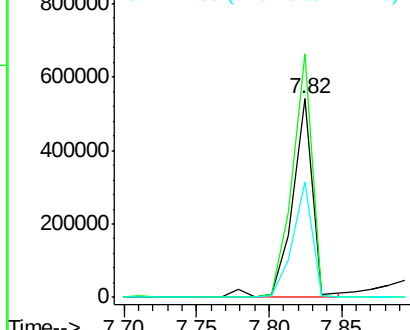
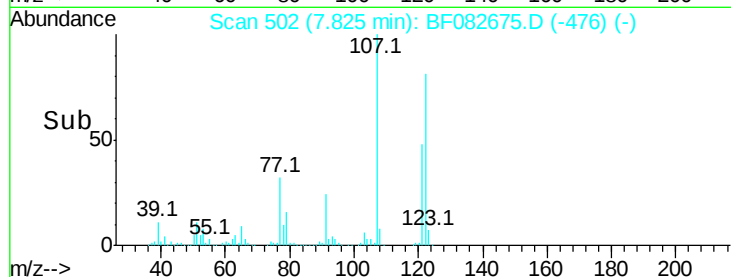
Tot Ion:	122	Resp:	521175
Ion Ratio	Lower	Upper	
122	100		
107	122.8	106.0	159.0
121	58.6	46.7	70.1

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



#28

bis(2-Chloroethoxy)methane

Concen: 32.68 ng

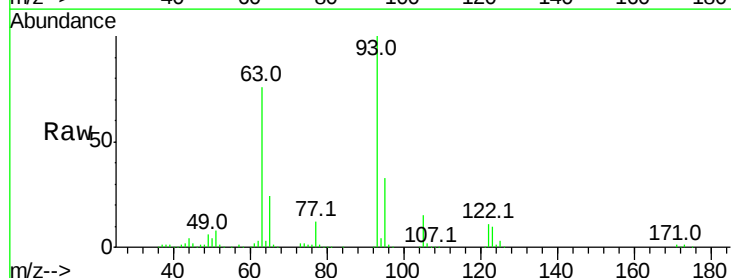
RT: 7.92 min Scan# 510

Delta R.T. 0.00 min

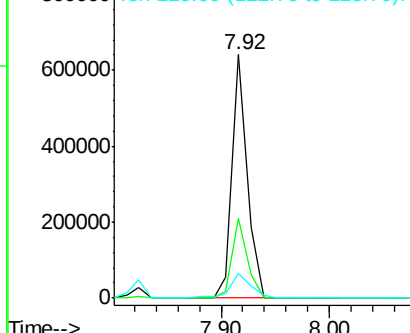
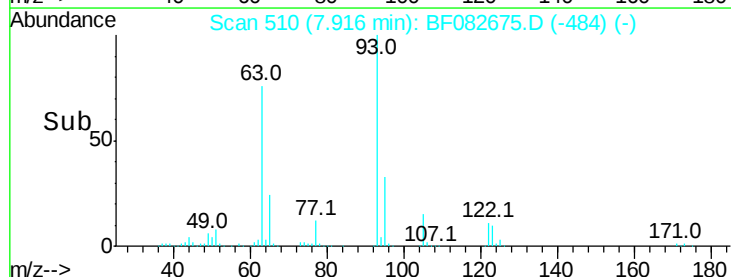
Lab File: BF082675.D

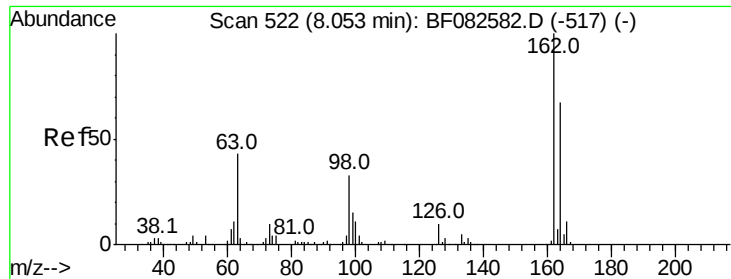
Acq: 3 Nov 2015 22:13

Tgt Ion:	93	Resp:	607217
Ion Ratio	Lower	Upper	
93	100		
95	32.9	26.6	40.0
123	10.1	9.7	14.5



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





#29

2,4-Dichlorophenol

Concen: 34.80 ng

RT: 8.02 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF082675.D

Acq: 3 Nov 2015 22:13

Instrument :

BNA_F

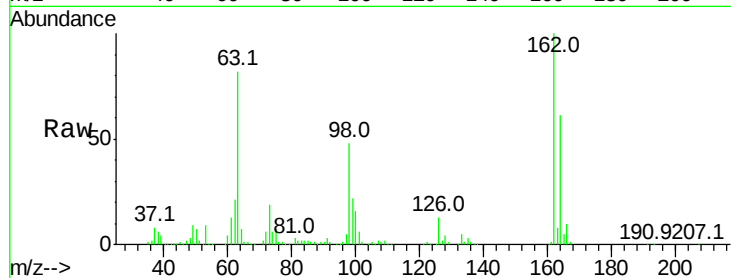
ClientSampleId :

SSTDCCC040EC

Tot Ion:	162	Resp:	422256
Ion Ratio	Lower	Upper	
162	100		
164	61.4	46.8	86.8
98	47.9	12.5	52.5

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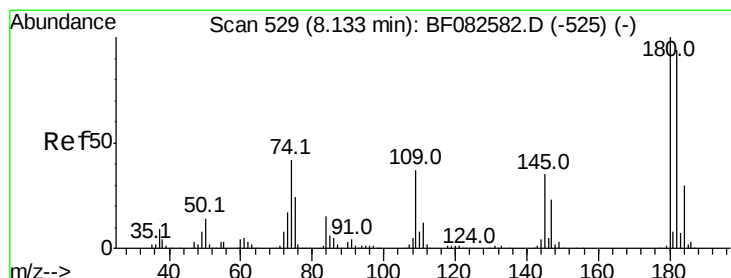
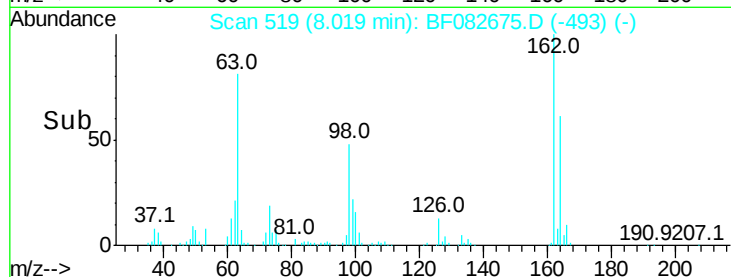
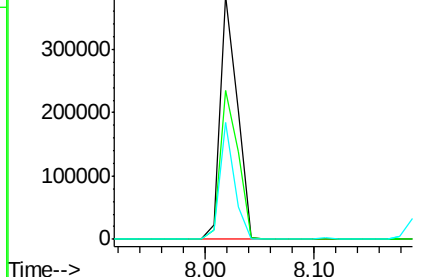
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Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 36.95 ng

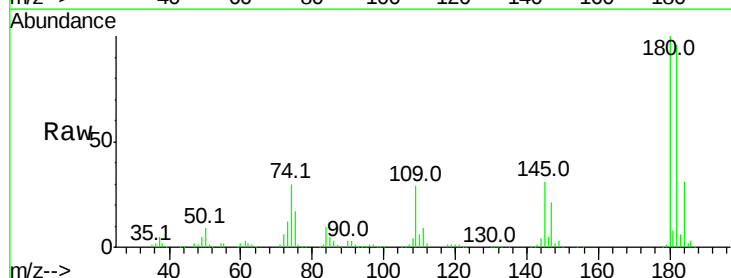
RT: 8.11 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF082675.D

Acq: 3 Nov 2015 22:13

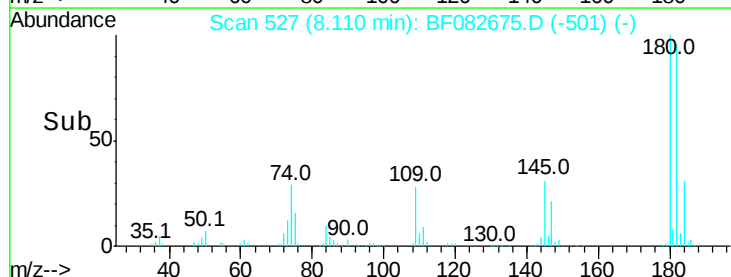
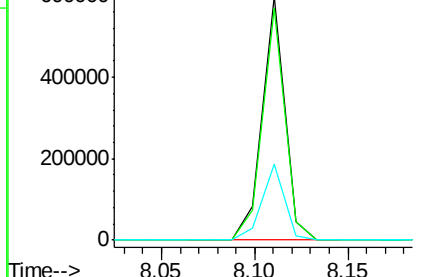
Tgt Ion:	180	Resp:	497578
Ion Ratio	Lower	Upper	
180	100		
182	95.6	74.9	112.3
145	31.1	27.8	41.8

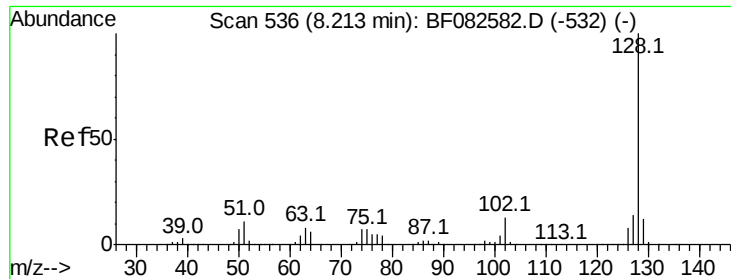


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





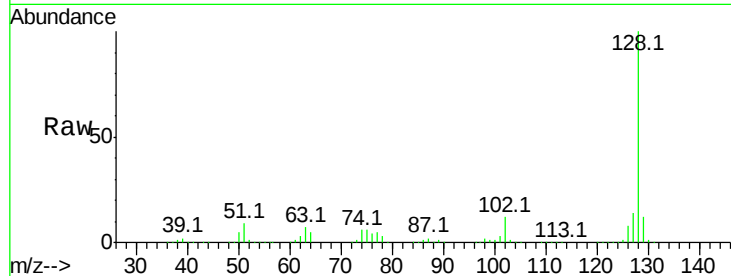
#31
Naphthalene
Concen: 36.80 ng
RT: 8.19 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF082675.D
Acq: 3 Nov 2015 22:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

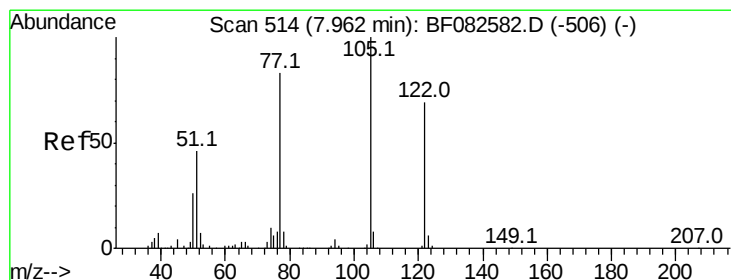
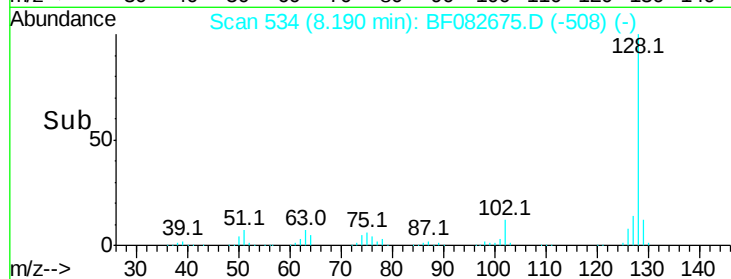
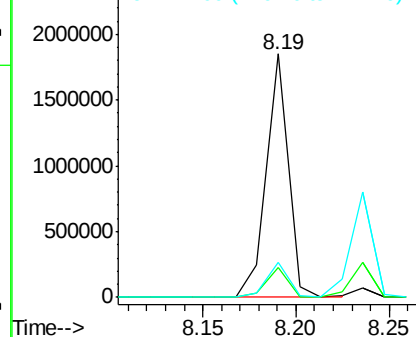
Tot Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.5	14.3
127	14.4	11.4	17.0

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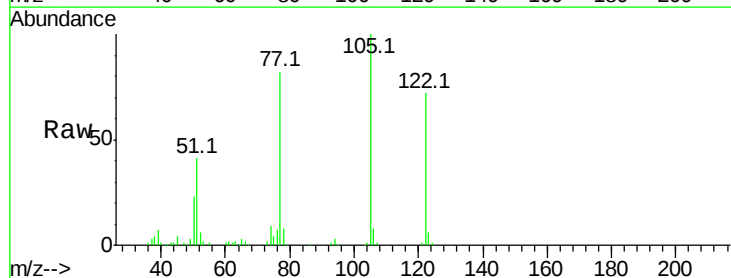


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

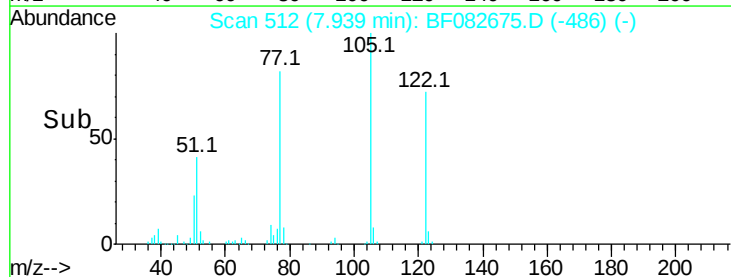
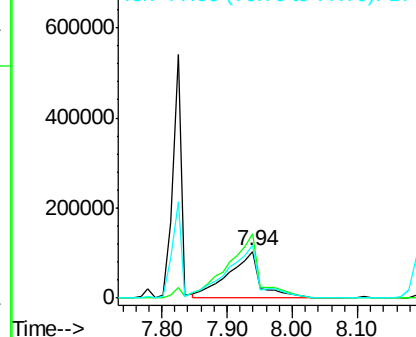


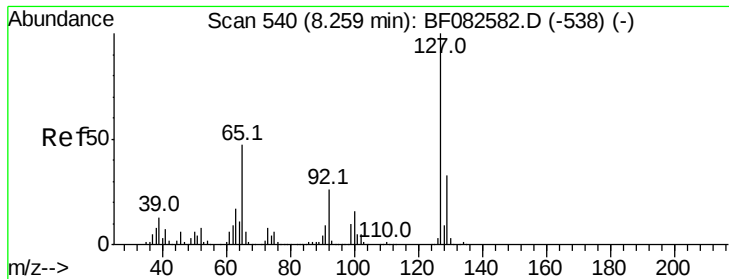
#32
Benzoic acid
Concen: 36.51 ng
RT: 7.94 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF082675.D
Acq: 3 Nov 2015 22:13

Tgt Ion	Ratio	Lower	Upper
122	100		
105	139.2	122.6	162.6
77	114.4	100.9	140.9



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





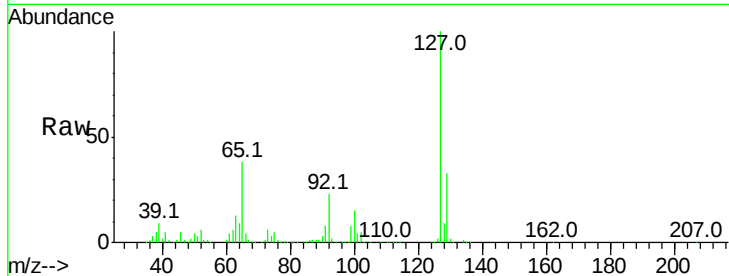
#33
4-Chloroaniline
Concen: 38.71 ng
RT: 8.24 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF082675.D
Acq: 3 Nov 2015 22:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

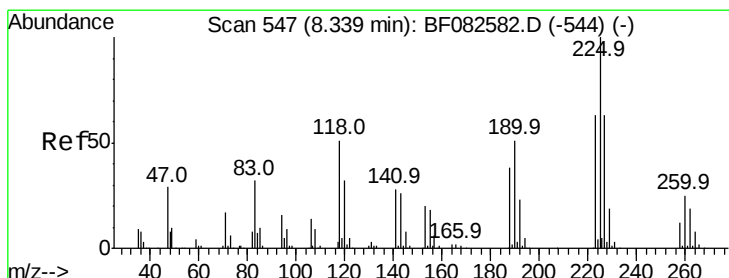
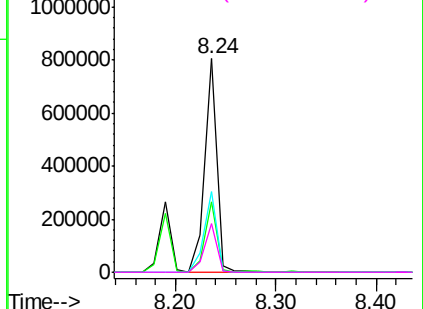
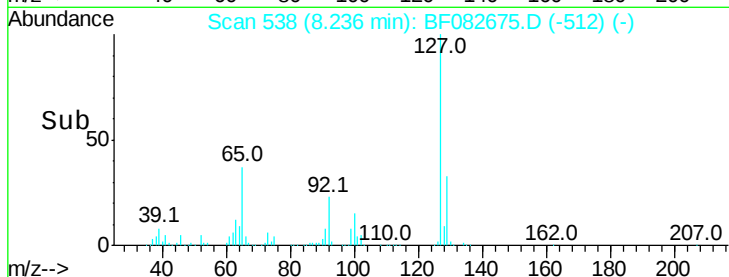
Tot Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.3	39.5
65	37.7	37.8	56.8
92	22.7	20.6	31.0

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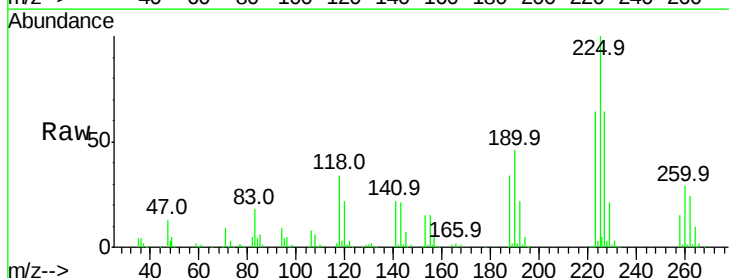


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

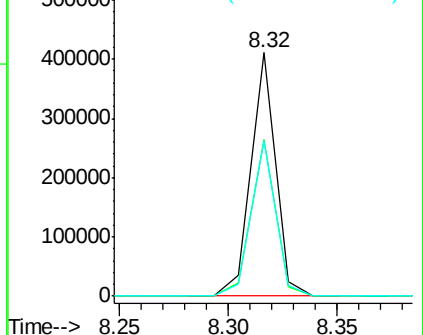
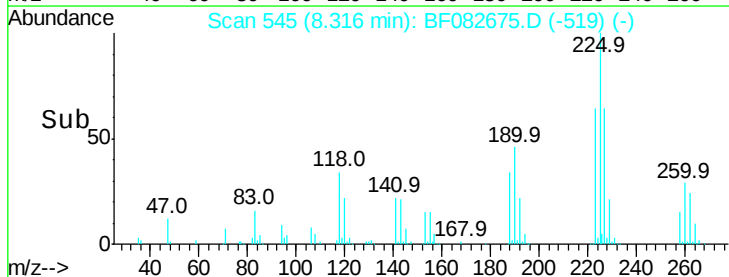


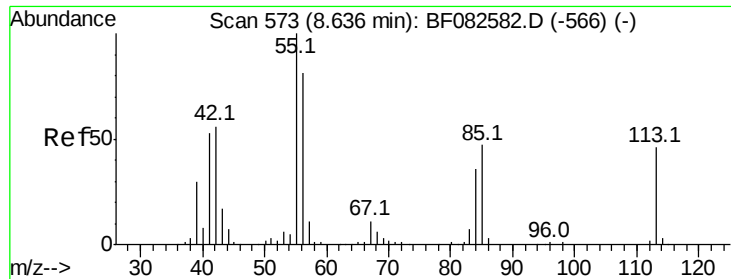
#34
Hexachlorobutadiene
Concen: 37.65 ng
RT: 8.32 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF082675.D
Acq: 3 Nov 2015 22:13

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	50.5	75.7
227	64.0	50.2	75.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





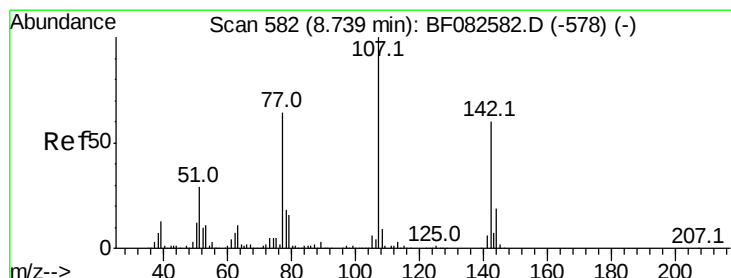
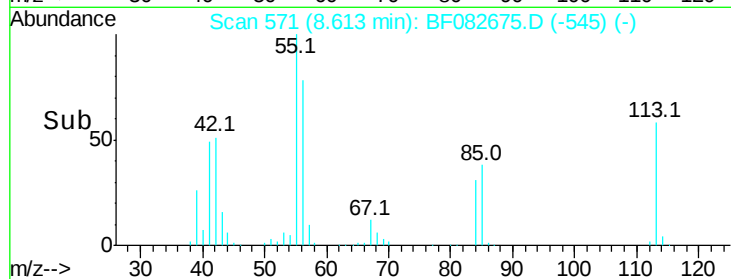
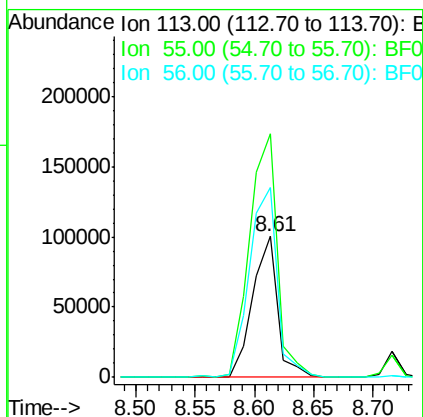
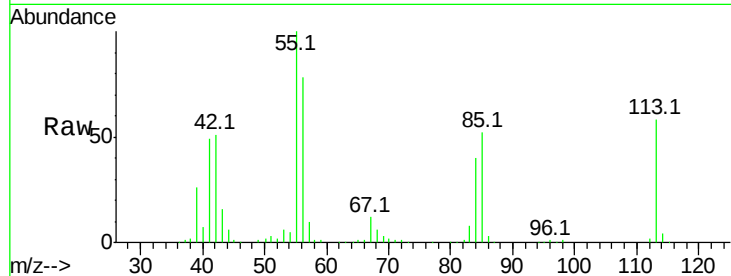
#35
Caprolactam
Concen: 39.90 ng
RT: 8.61 min Scan# 571
Delta R.T. 0.00 min
Lab File: BF082675.D
Acq: 3 Nov 2015 22:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
113	100		
55	172.6	195.5	235.5#
56	134.7	153.5	193.5#

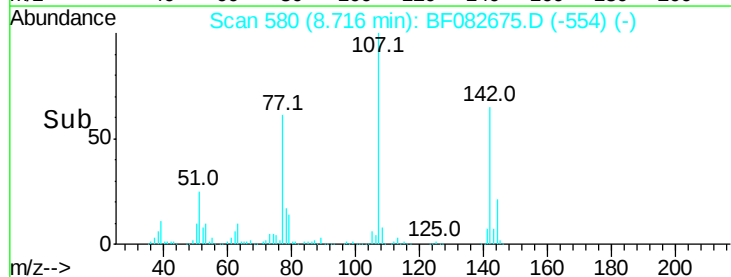
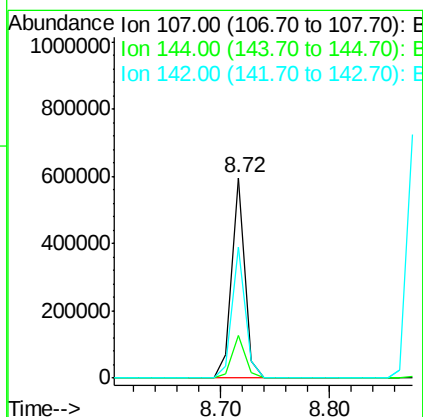
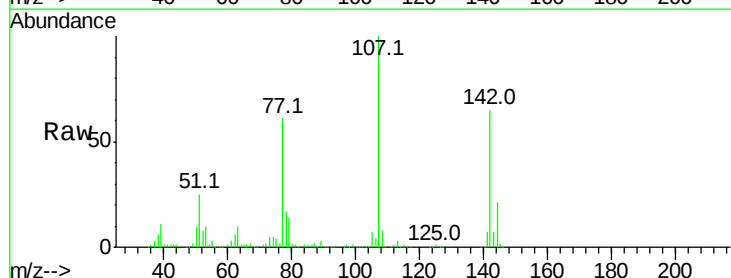
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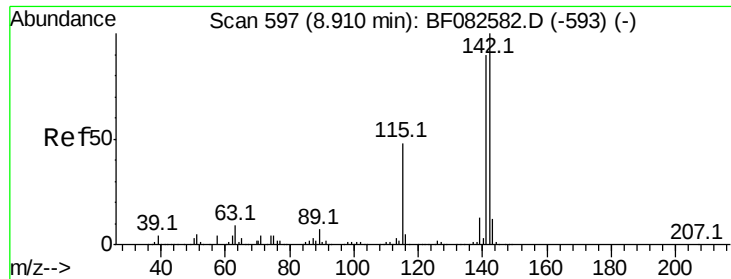
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#36
4-Chloro-3-methylphenol
Concen: 34.59 ng
RT: 8.72 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF082675.D
Acq: 3 Nov 2015 22:13

Tgt Ion	Ratio	Lower	Upper
107	100		
144	21.0	15.4	23.0
142	65.1	47.8	71.8





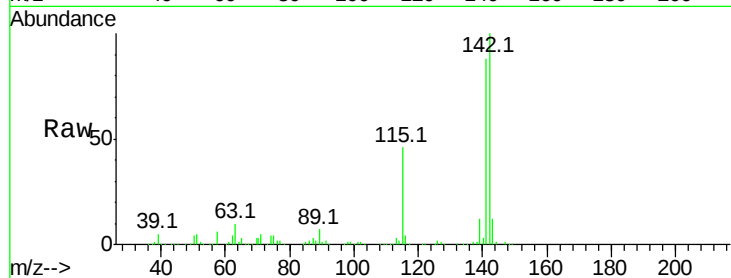
#37
2-Methylnaphthalene
Concen: 35.63 ng
RT: 8.88 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF082675.D
Acq: 3 Nov 2015 22:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	72.3	108.5
115	45.5	38.1	57.1

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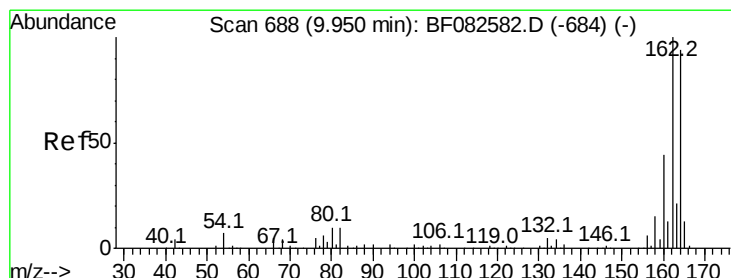
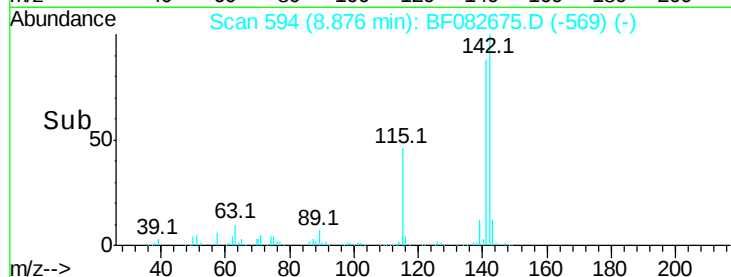
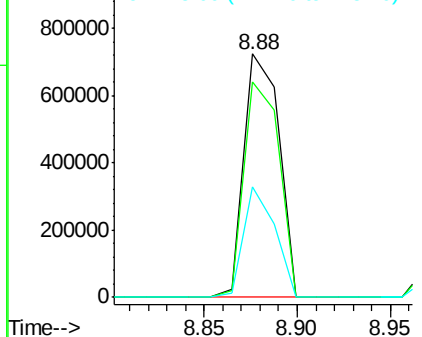


Abundance

Ion 142.00 (141.70 to 142.70): E

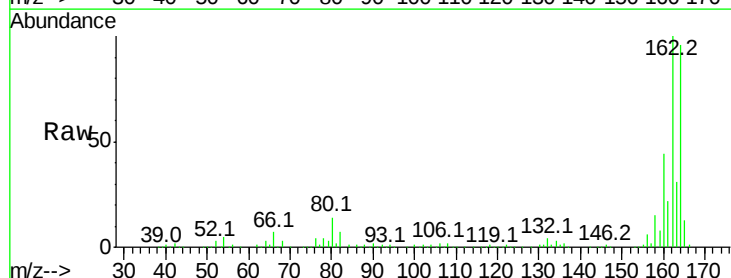
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF082675.D
Acq: 3 Nov 2015 22:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	84.9	127.3
160	46.2	37.5	56.3

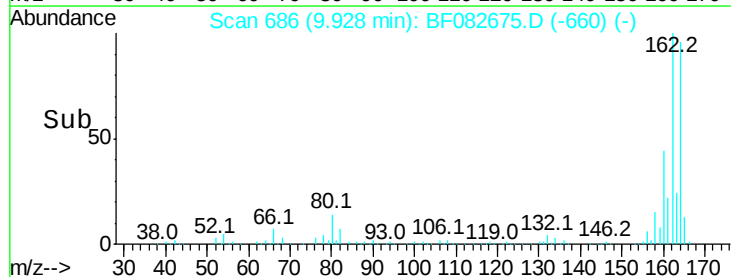
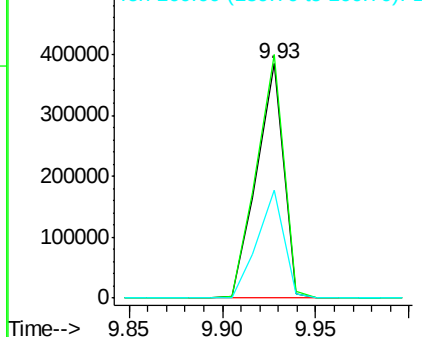


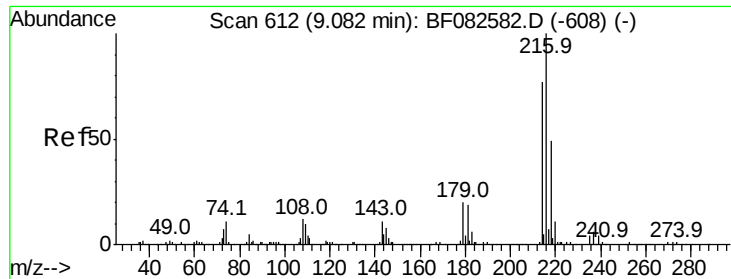
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.17 ng

RT: 9.05 min Scan# 609

Delta R.T. 0.00 min

Lab File: BF082675.D

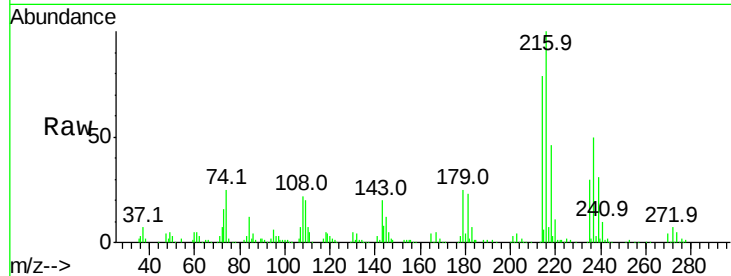
Acq: 3 Nov 2015 22:13

Instrument :

BNA_F

ClientSampleId :

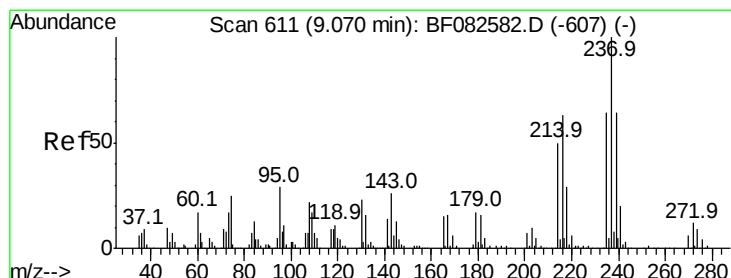
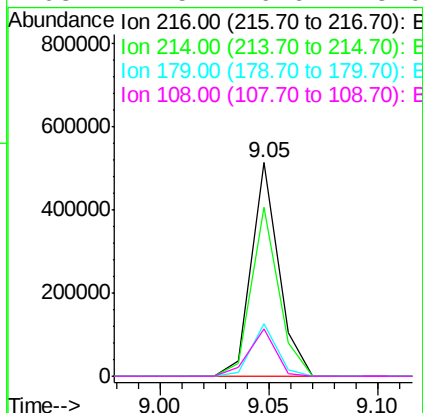
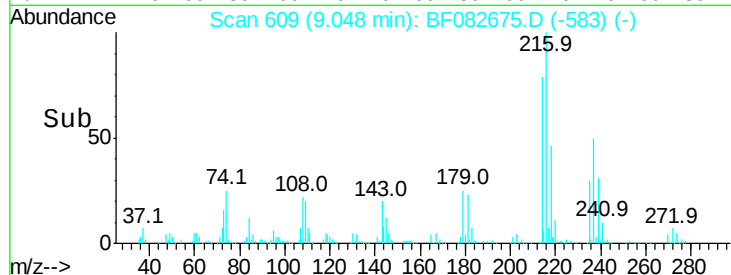
SSTDCCC040EC



Tot Ion	Ratio	Resp	Lower	Upper
216	100	450400		
214	78.7	62.2	93.2	
179	23.5	18.1	27.1	
108	21.5	16.6	25.0	

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#40

Hexachlorocyclopentadiene

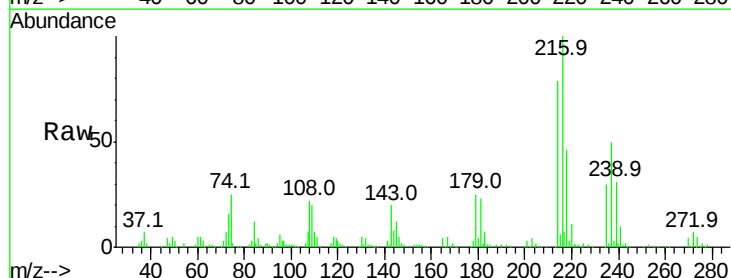
Concen: 34.28 ng

RT: 9.05 min Scan# 609

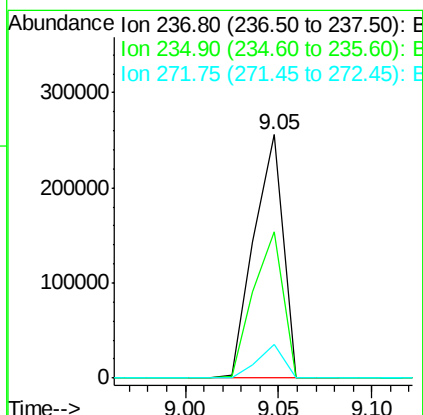
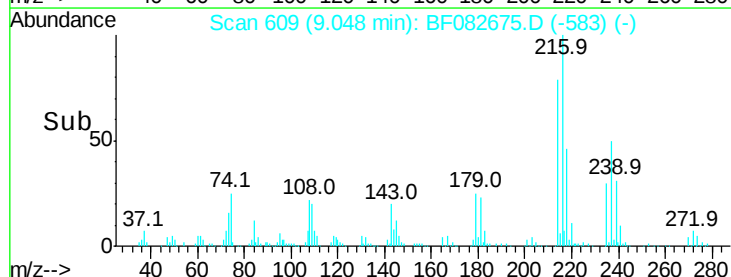
Delta R.T. 0.00 min

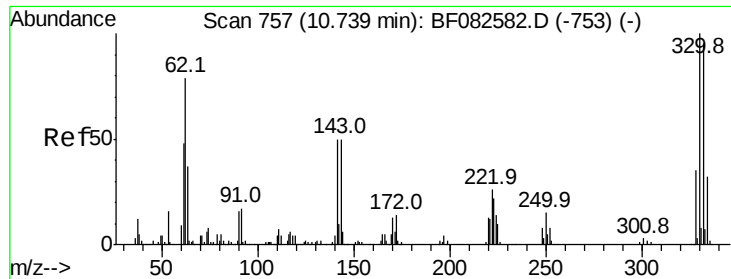
Lab File: BF082675.D

Acq: 3 Nov 2015 22:13



Tgt Ion	Ratio	Resp	Lower	Upper
237	100	275992		
235	60.1	44.3	84.3	
272	13.8	0.0	31.9	





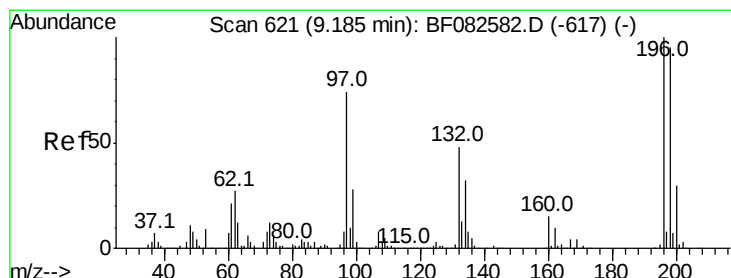
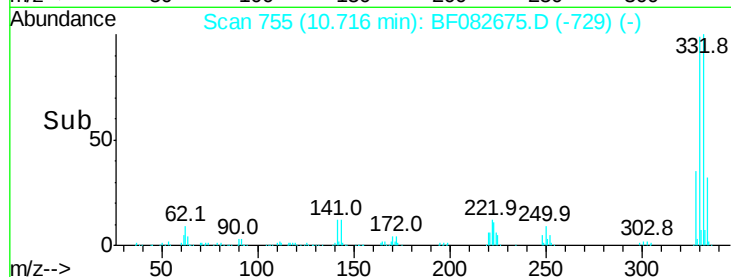
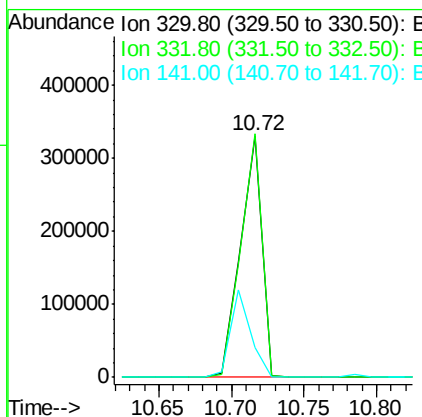
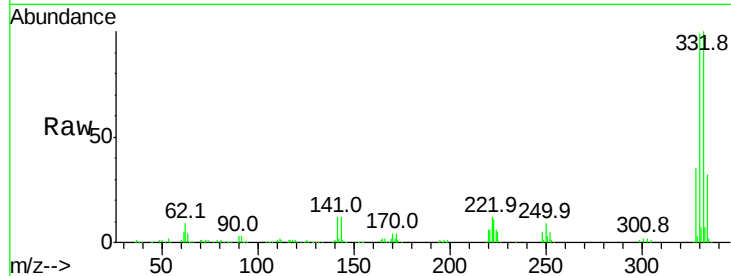
#41
 2,4,6-Tribromophenol
 Concen: 81.37 ng
 RT: 10.72 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: BF082675.D
 Acq: 3 Nov 2015 22:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	99.7	76.6	114.8	
141	33.6	41.2	61.8	

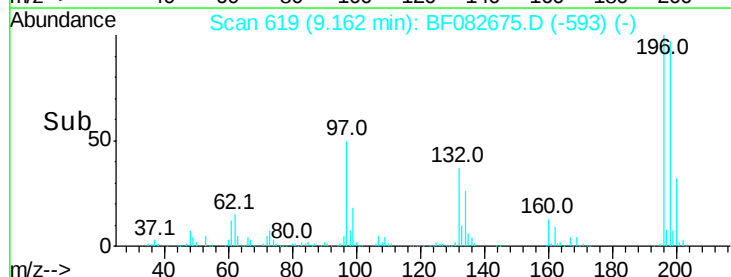
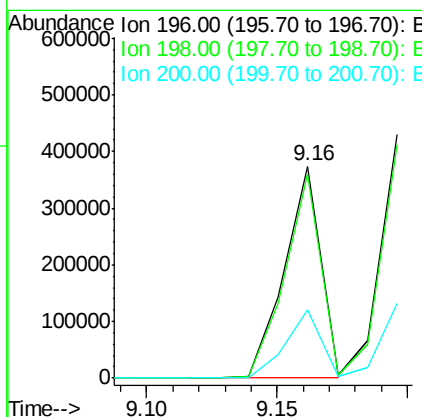
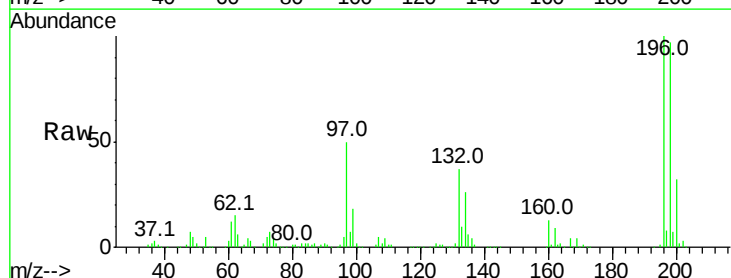
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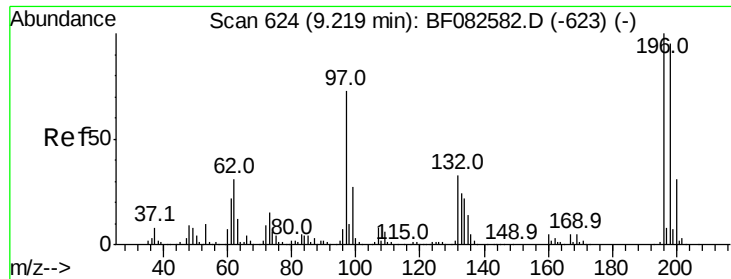
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#42
 2,4,6-Trichlorophenol
 Concen: 39.08 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF082675.D
 Acq: 3 Nov 2015 22:13

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	96.5	76.3	114.5	
200	32.0	23.9	35.9	





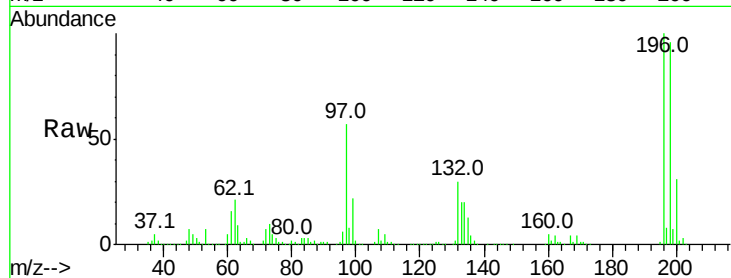
#43
 2,4,5-Trichlorophenol
 Concen: 39.18 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF082675.D
 Acq: 3 Nov 2015 22:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

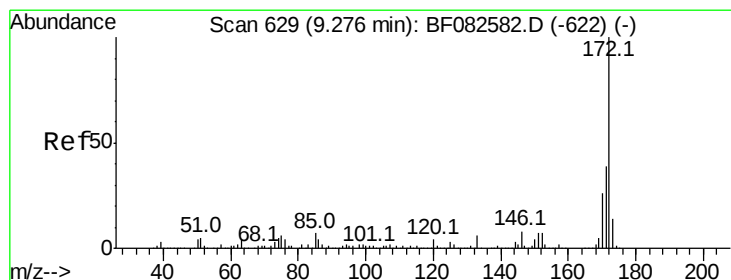
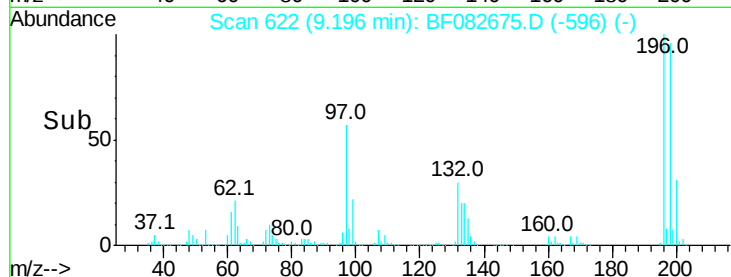
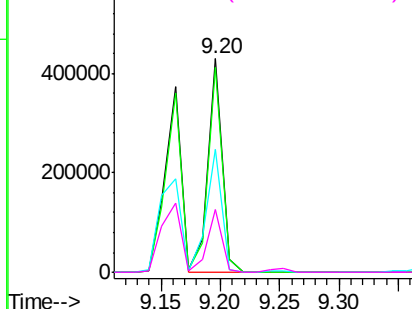
Tot Ion:	196	Resp:	360974
Ion Ratio	Lower	Upper	
196	100		
198	96.0	75.8	113.8
97	57.3	62.3	93.5
132	29.6	27.4	41.2

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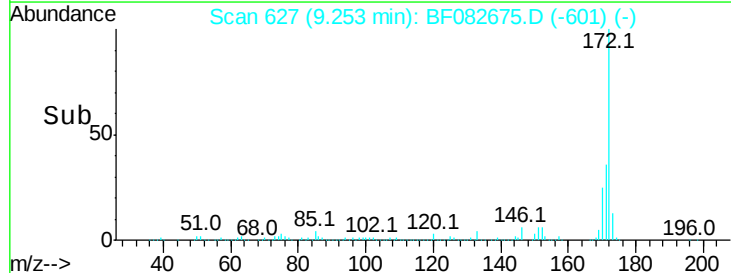
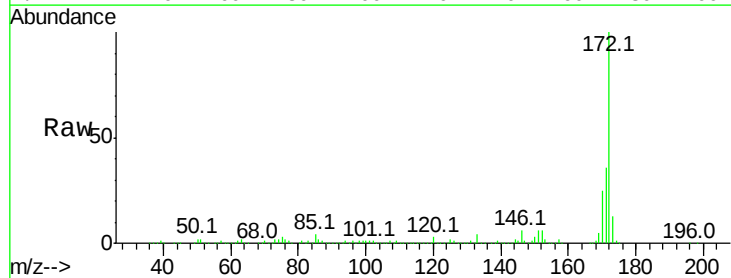
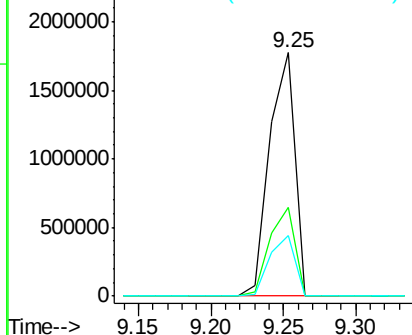
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

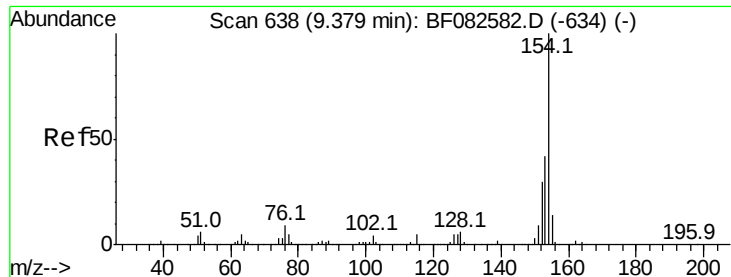


#44
 2-Fluorobiphenyl
 Concen: 79.22 ng
 RT: 9.25 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF082675.D
 Acq: 3 Nov 2015 22:13

Tgt Ion:	172	Resp:	2141548
Ion Ratio	Lower	Upper	
172	100		
171	36.4	30.8	46.2
170	25.1	21.2	31.8

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 35.06 ng

RT: 9.34 min Scan# 635

Delta R.T. 0.00 min

Lab File: BF082675.D

Acq: 3 Nov 2015 22:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:154 Resp: 1136646

Ion Ratio Lower Upper

154 100

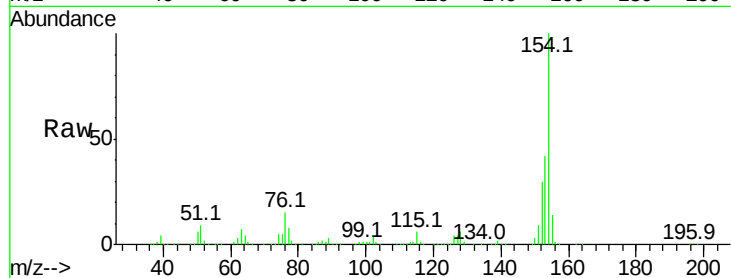
153 42.1 22.0 62.0

76 15.3 0.0 29.0

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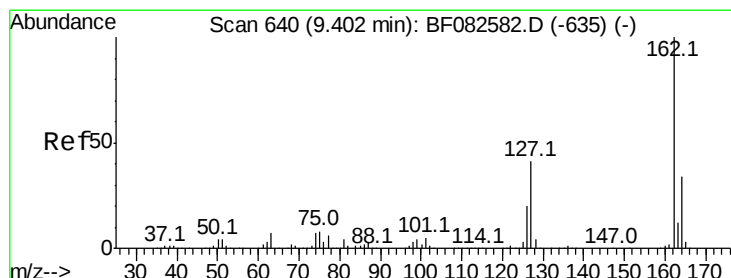
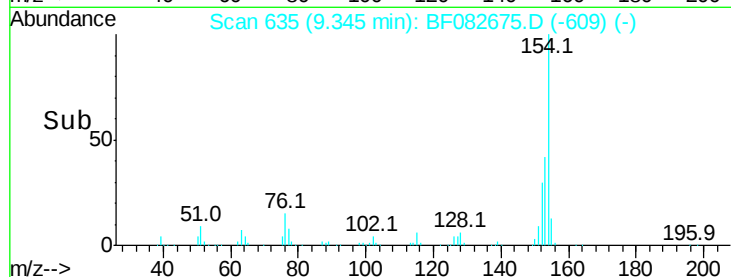
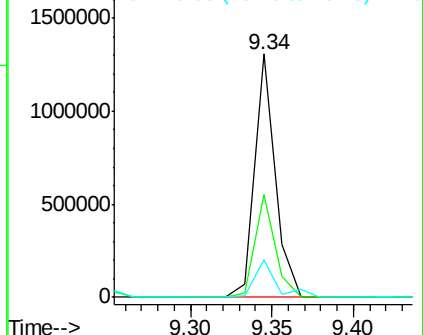
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 35.05 ng

RT: 9.37 min Scan# 637

Delta R.T. 0.00 min

Lab File: BF082675.D

Acq: 3 Nov 2015 22:13

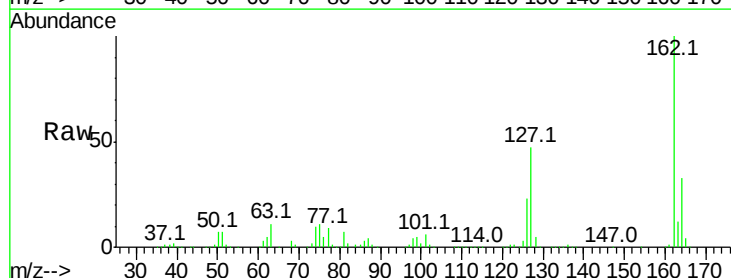
Tgt Ion:162 Resp: 887242

Ion Ratio Lower Upper

162 100

127 47.3 32.7 49.1

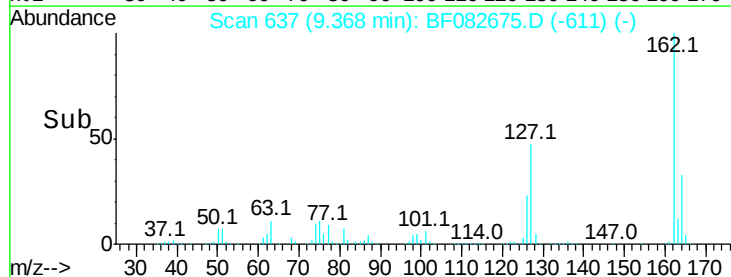
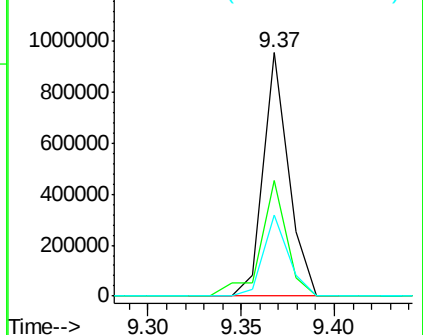
164 33.3 27.4 41.0

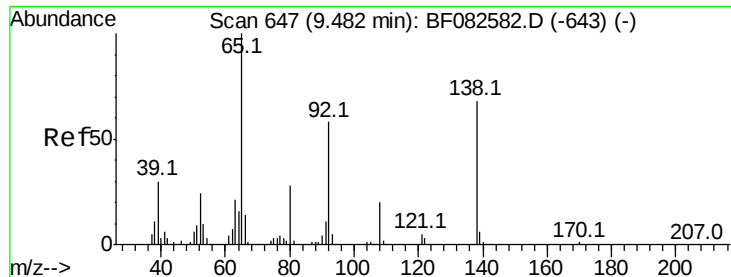


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 36.80 ng

RT: 9.46 min Scan# 645

Delta R.T. 0.00 min

Lab File: BF082675.D

Acq: 3 Nov 2015 22:13

Instrument :

BNA_F

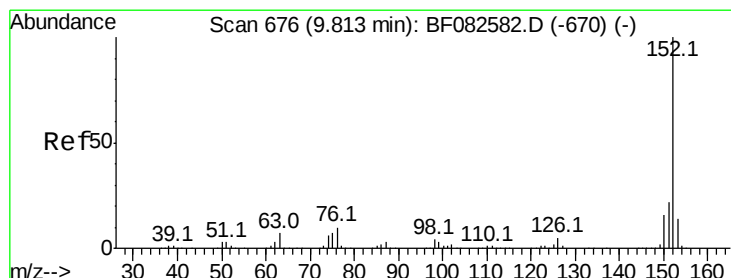
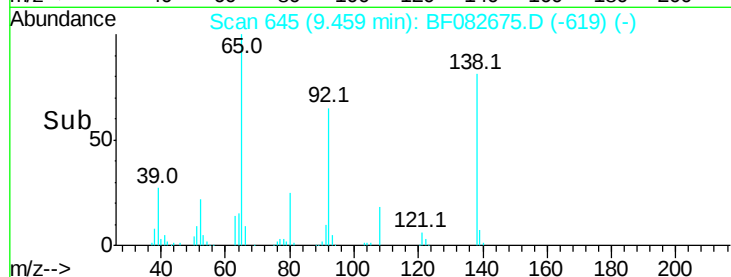
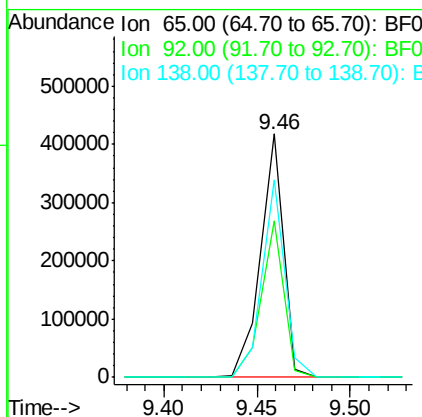
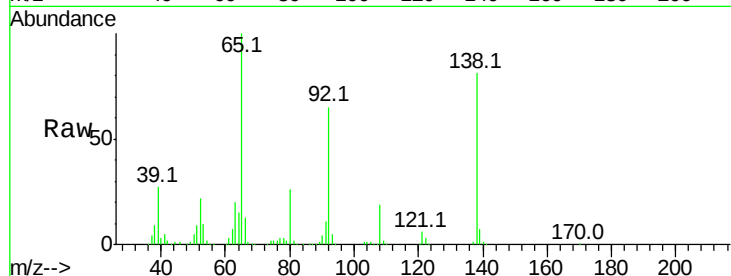
ClientSampleId :

SSTDCCC040EC

Tot Ion:	65	Resp:	362167
Ion Ratio	Lower	Upper	
65	100		
92	64.5	46.6	70.0
138	81.0	54.6	81.8

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#48

Acenaphthylene

Concen: 38.23 ng

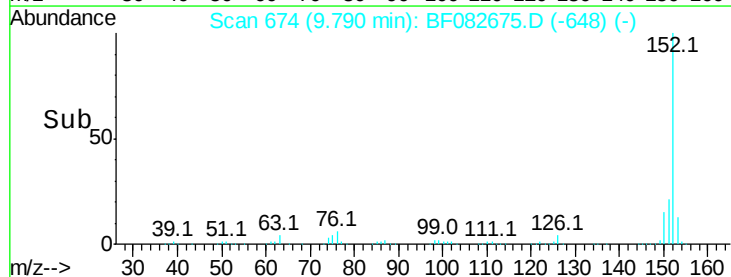
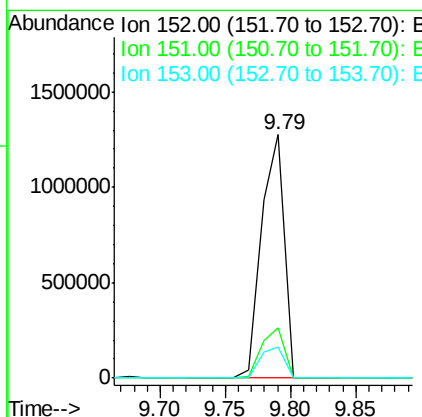
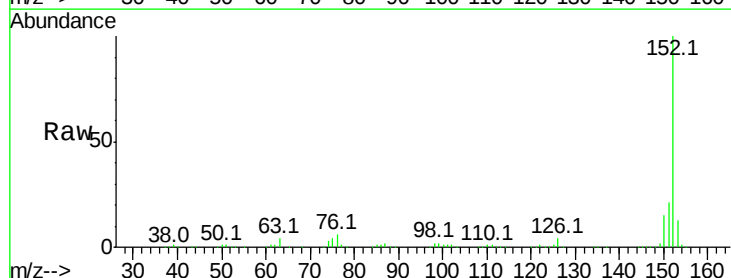
RT: 9.79 min Scan# 674

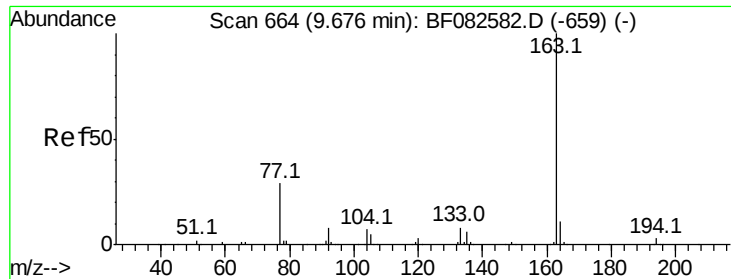
Delta R.T. 0.00 min

Lab File: BF082675.D

Acq: 3 Nov 2015 22:13

Tgt Ion:	152	Resp:	1547912
Ion Ratio	Lower	Upper	
152	100		
151	20.8	17.3	25.9
153	13.0	11.3	16.9





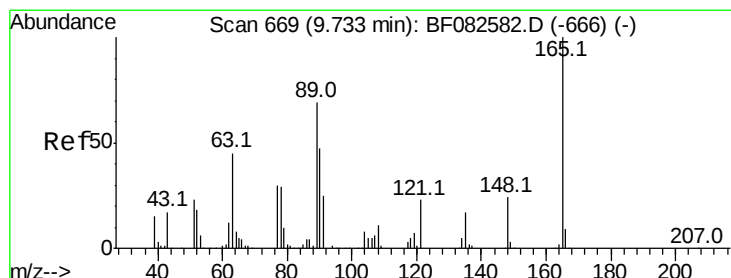
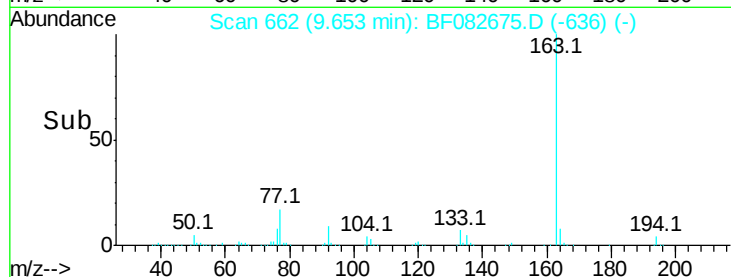
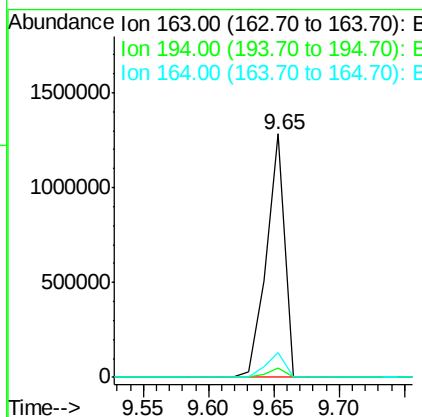
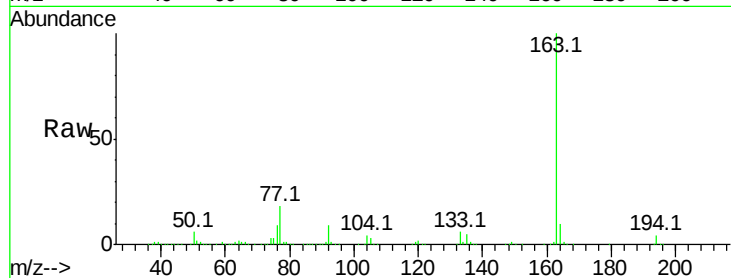
#49
Dimethylphthalate
Concen: 39.86 ng
RT: 9.65 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF082675.D
Acq: 3 Nov 2015 22:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.6	4.0
164	10.4	8.7	13.1

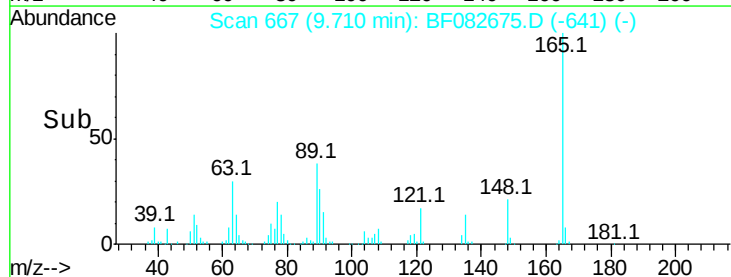
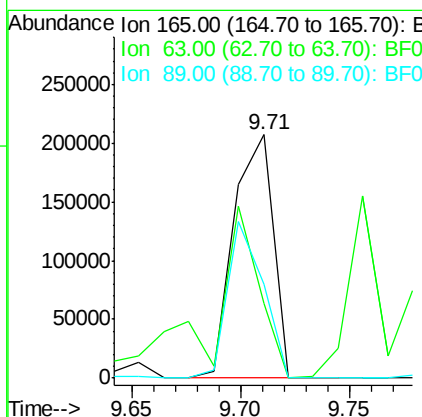
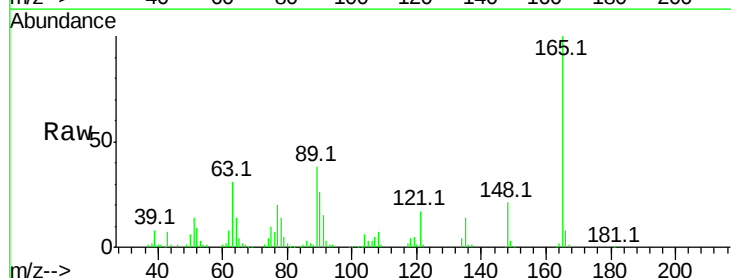
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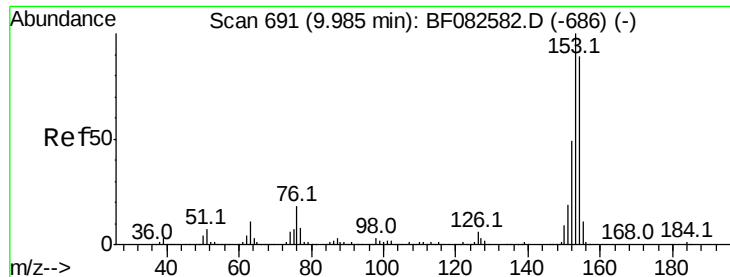
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#50
2,6-Dinitrotoluene
Concen: 39.95 ng
RT: 9.71 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF082675.D
Acq: 3 Nov 2015 22:13

Tgt Ion	Ratio	Lower	Upper
165	100		
63	30.6	55.5	83.3#
89	38.5	55.0	82.6#





#51

Acenaphthene

Concen: 39.73 ng

RT: 9.96 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF082675.D

Acq: 3 Nov 2015 22:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:154 Resp: 1021262

Ion Ratio Lower Upper

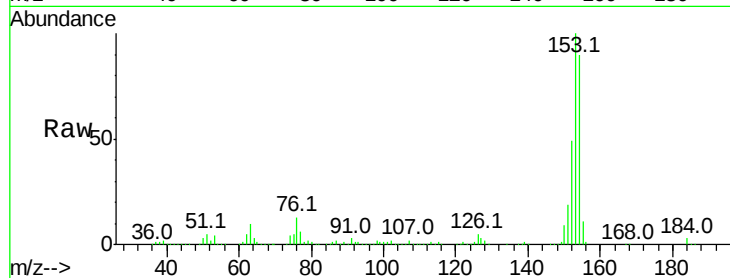
154 100

153 110.8 90.1 135.1

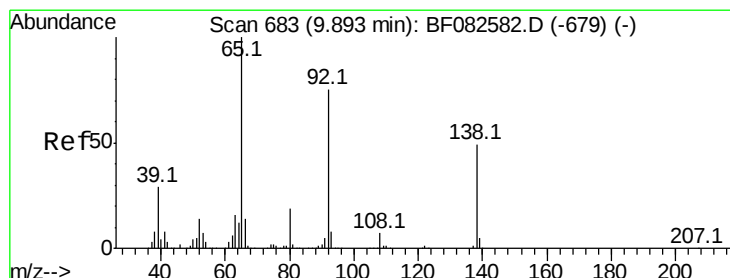
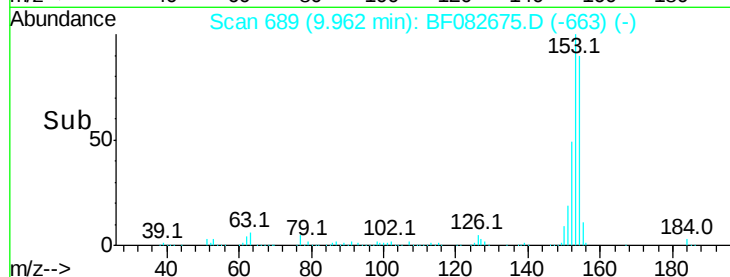
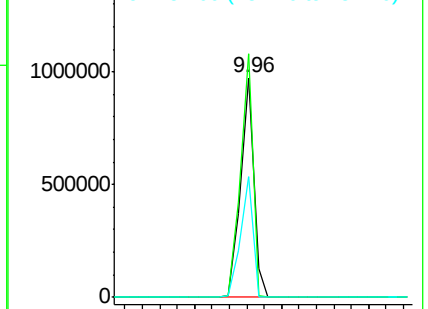
152 54.7 44.3 66.5

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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: 36.52 ng

RT: 9.87 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF082675.D

Acq: 3 Nov 2015 22:13

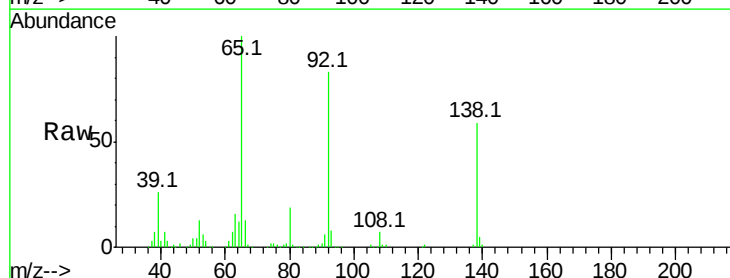
Tgt Ion:138 Resp: 263964

Ion Ratio Lower Upper

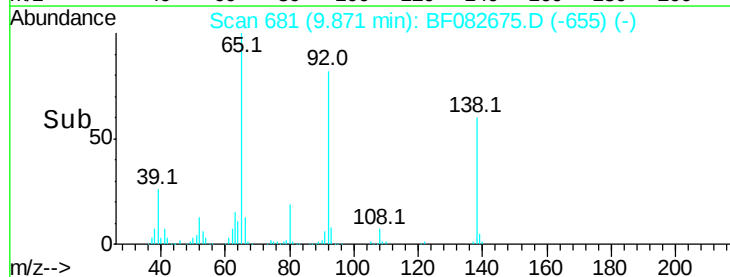
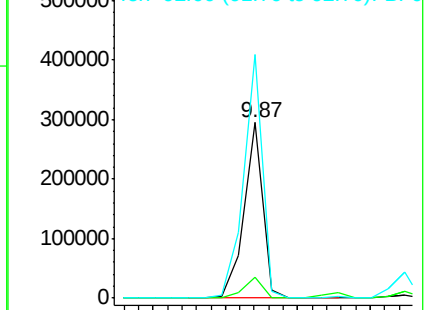
138 100

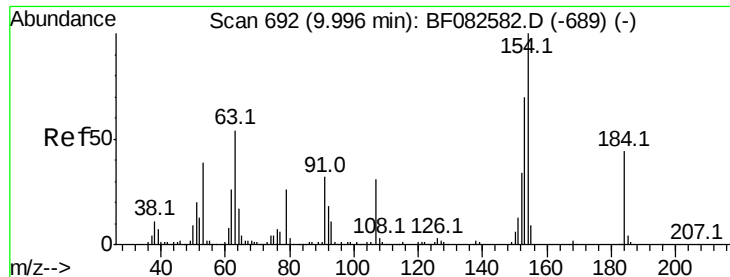
108 12.2 11.3 16.9

92 138.8 122.4 183.6



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





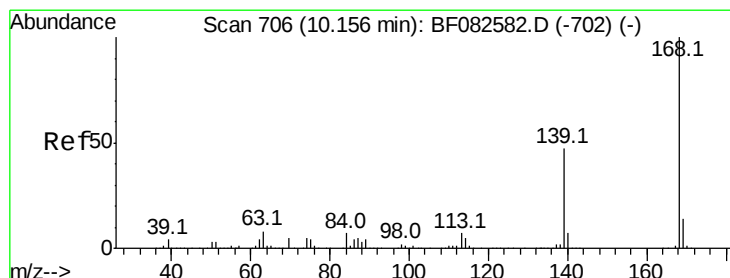
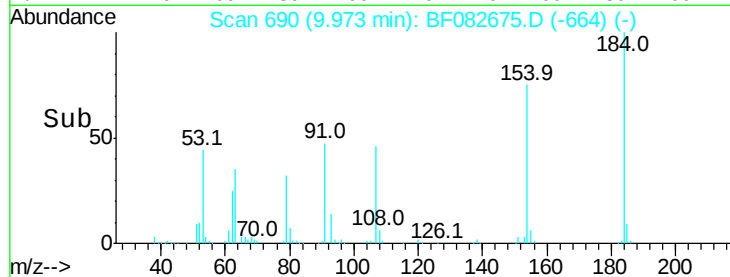
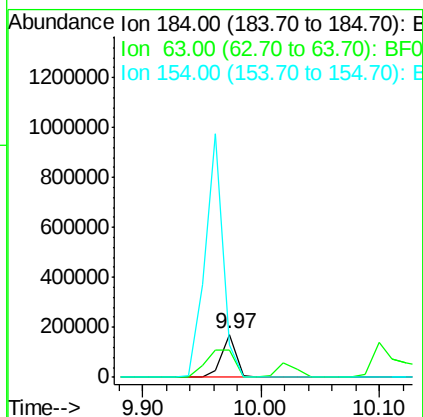
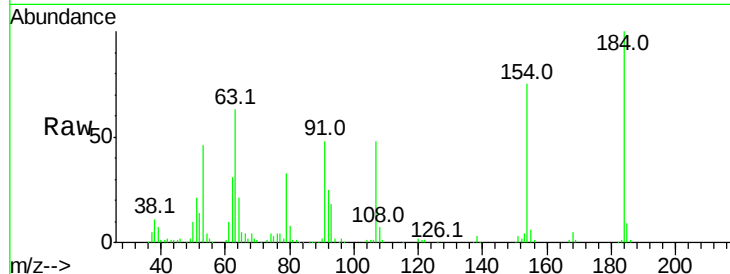
#53
2,4-Dinitrophenol
Concen: 44.38 ng
RT: 9.97 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF082675.D
Acq: 3 Nov 2015 22:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
184	100	142358		
63	62.8	98.6	148.0#	
154	74.9	183.9	275.9#	

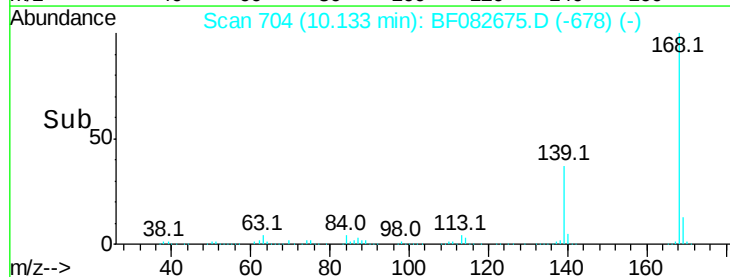
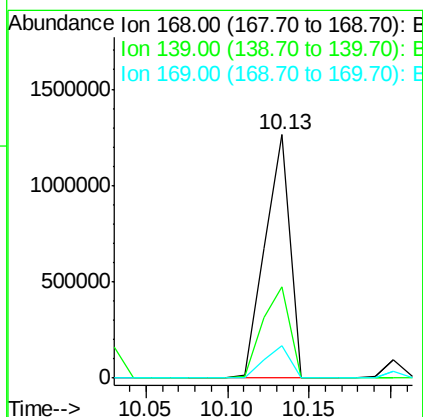
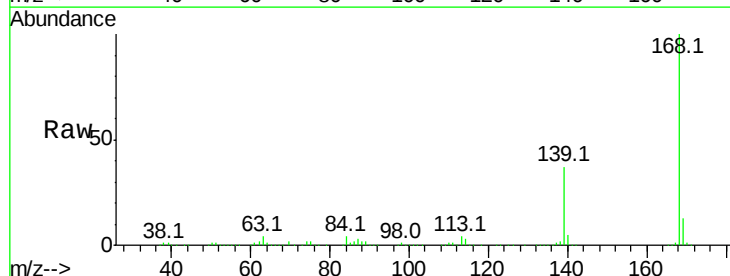
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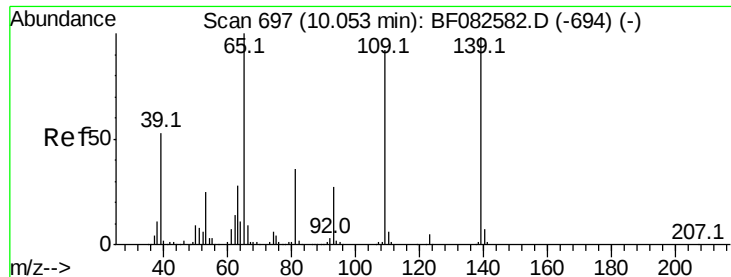
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#54
Dibenzofuran
Concen: 38.47 ng
RT: 10.13 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF082675.D
Acq: 3 Nov 2015 22:13

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1341885		
139	37.5	37.8	56.6#	
169	13.5	11.3	16.9	





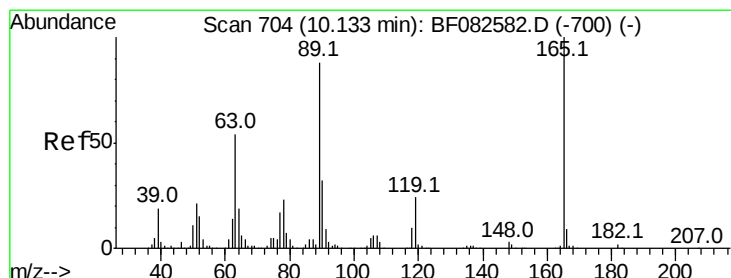
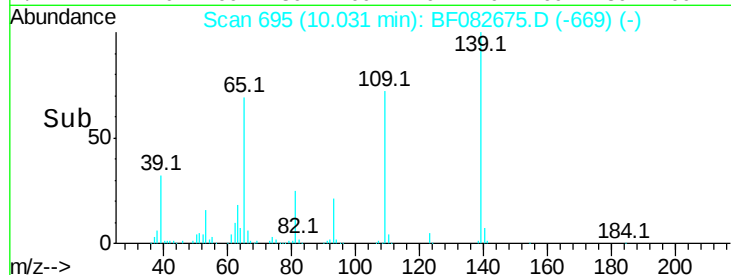
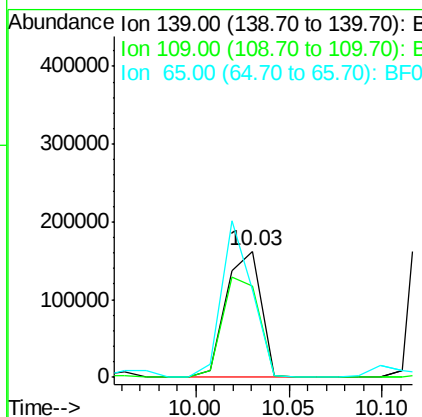
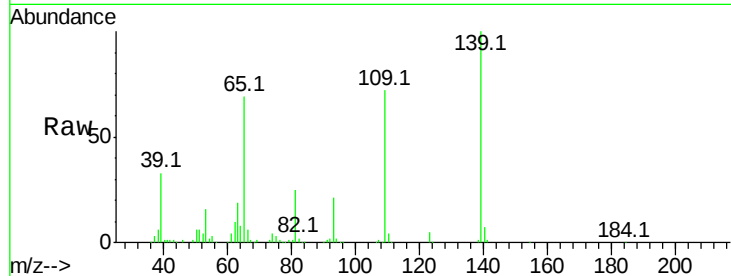
#55
4-Nitrophenol
Concen: 39.28 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF082675.D
Acq: 3 Nov 2015 22:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:139 Resp: 213603
Ion Ratio Lower Upper
139 100
109 72.0 73.7 113.7#
65 69.0 82.9 122.9#

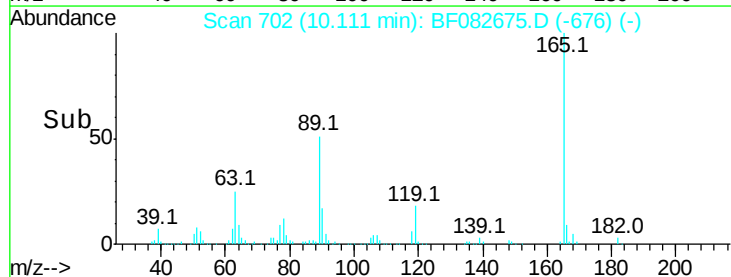
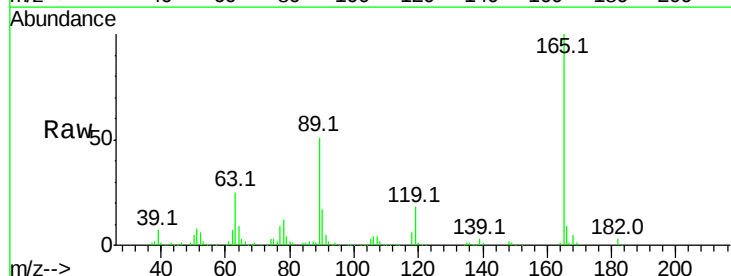
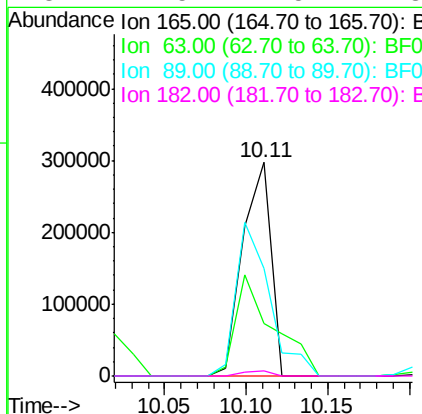
Manual Integrations
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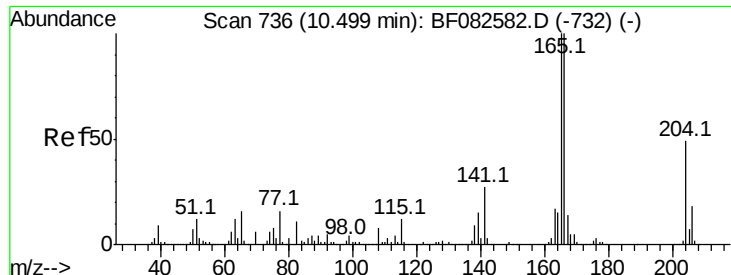
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#56
2,4-Dinitrotoluene
Concen: 40.47 ng
RT: 10.11 min Scan# 702
Delta R.T. 0.00 min
Lab File: BF082675.D
Acq: 3 Nov 2015 22:13

Tgt Ion:165 Resp: 355563
Ion Ratio Lower Upper
165 100
63 24.7 43.4 65.0#
89 50.5 70.6 106.0#
182 2.5 1.5 2.3#





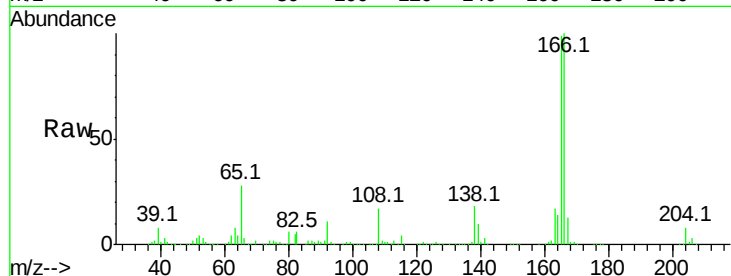
#57
Fluorene
 Concen: 38.11 ng
 RT: 10.48 min Scan# 734
 Delta R.T. 0.00 min
 Lab File: BF082675.D
 Acq: 3 Nov 2015 22:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

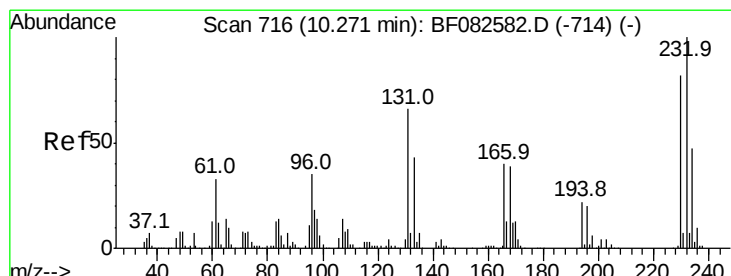
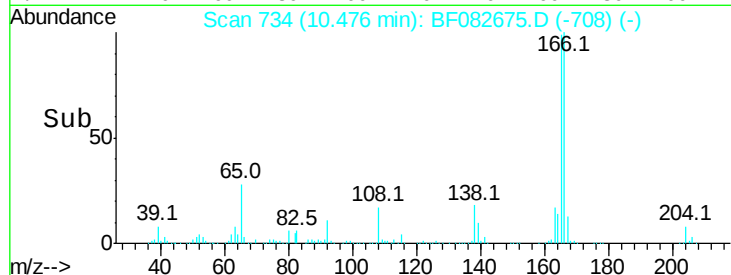
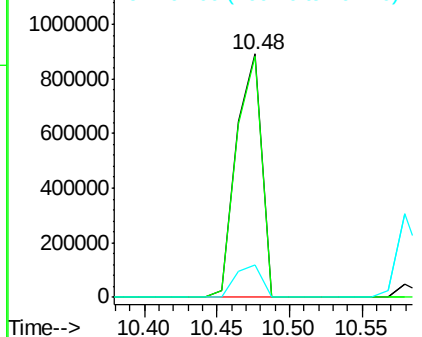
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.0	80.2	120.4
167	13.1	11.2	16.8

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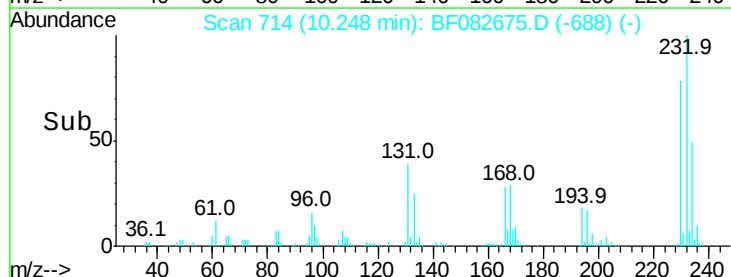
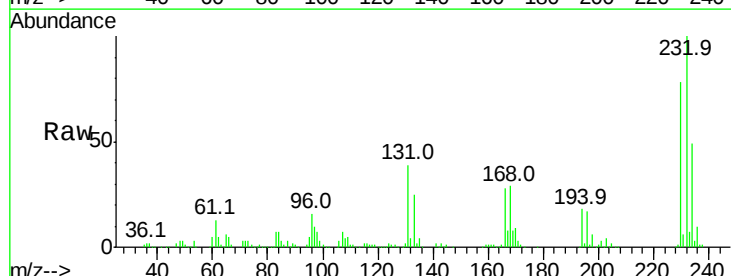
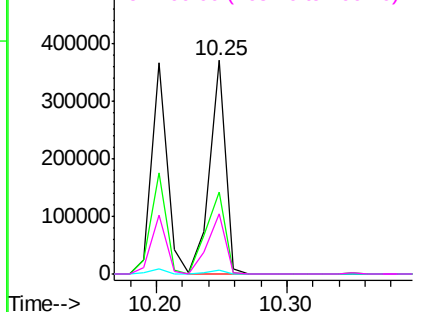
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

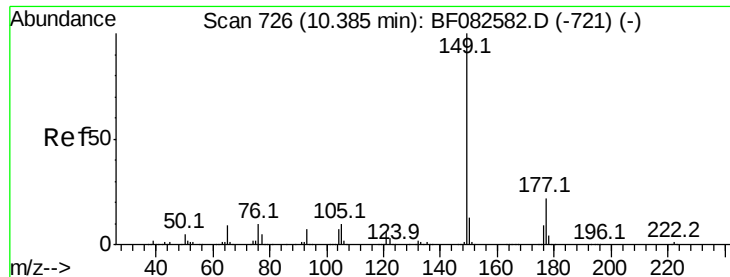


#58
2,3,4,6-Tetrachlorophenol
 Concen: 40.18 ng
 RT: 10.25 min Scan# 714
 Delta R.T. 0.00 min
 Lab File: BF082675.D
 Acq: 3 Nov 2015 22:13

Tgt Ion	Ratio	Lower	Upper
232	100		
131	46.6	46.2	69.2
130	2.3	2.4	3.6
166	31.7	28.2	42.2

Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E





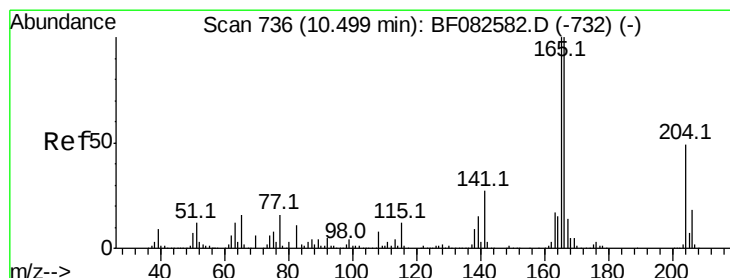
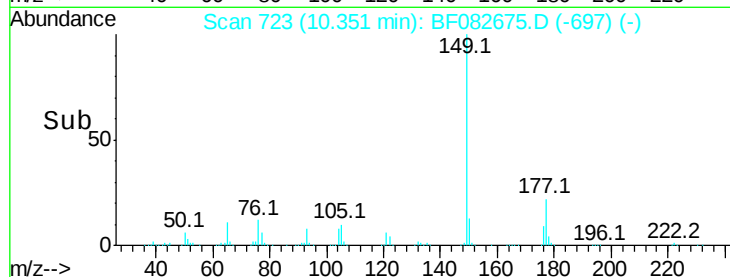
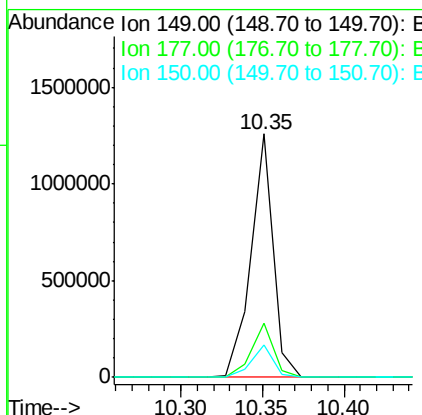
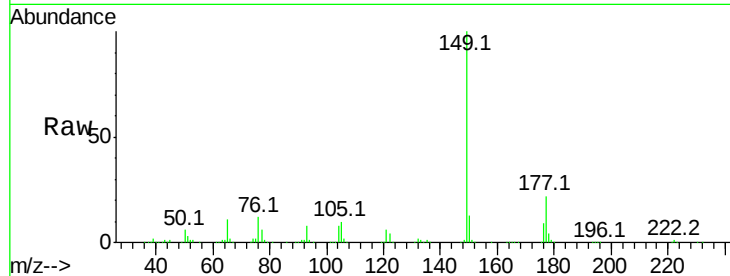
#59
Diethylphthalate
Concen: 37.20 ng
RT: 10.35 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF082675.D
Acq: 3 Nov 2015 22:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.9	26.9
150	13.4	10.1	15.1

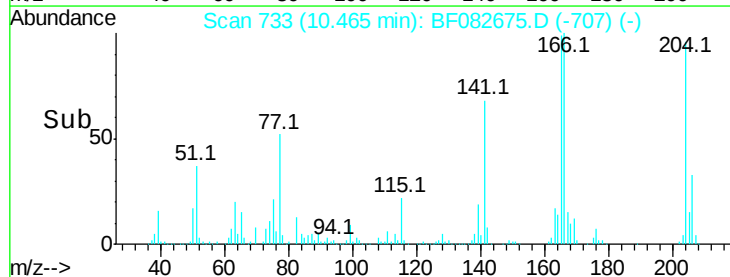
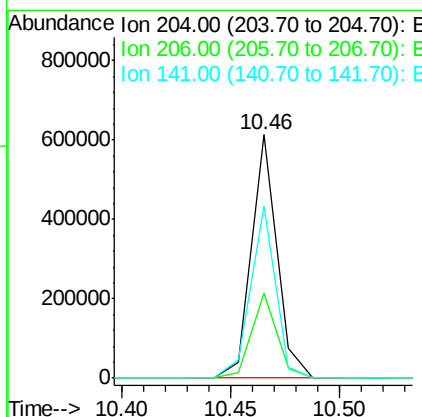
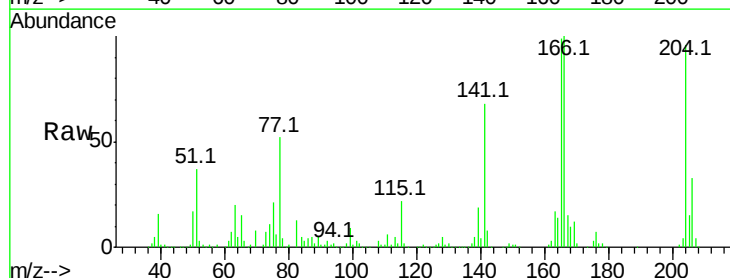
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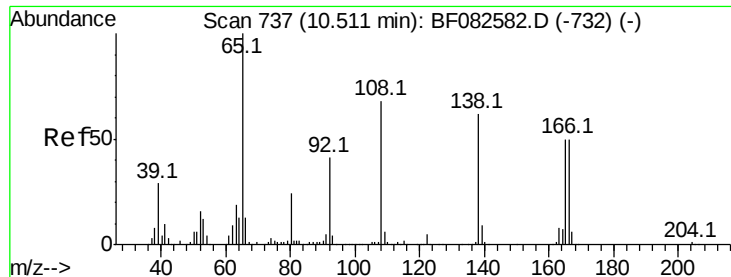
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#60
4-Chlorophenyl-phenylether
Concen: 36.51 ng
RT: 10.46 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF082675.D
Acq: 3 Nov 2015 22:13

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.8	28.5	42.7
141	70.6	44.6	66.8





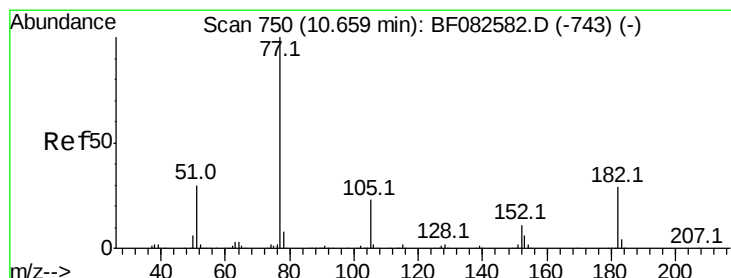
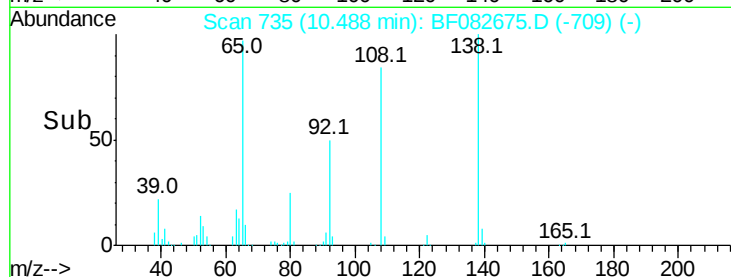
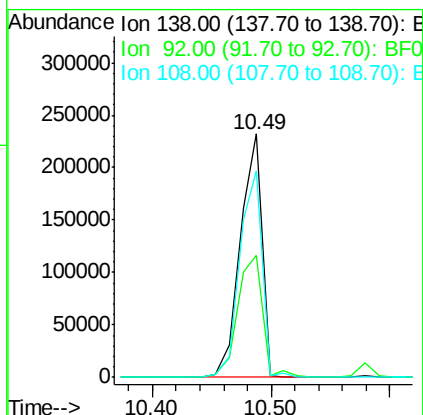
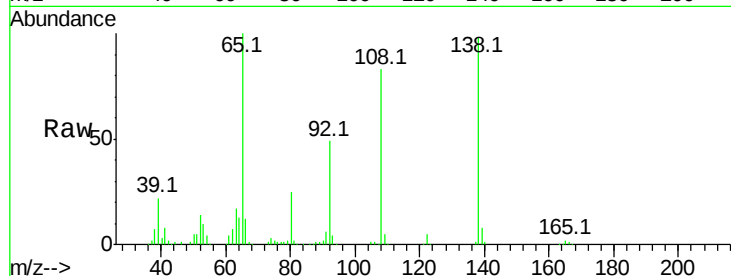
#61
4-Nitroaniline
Concen: 42.95 ng
RT: 10.49 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF082675.D
Acq: 3 Nov 2015 22:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.9	45.8	85.8
108	84.9	89.4	129.4

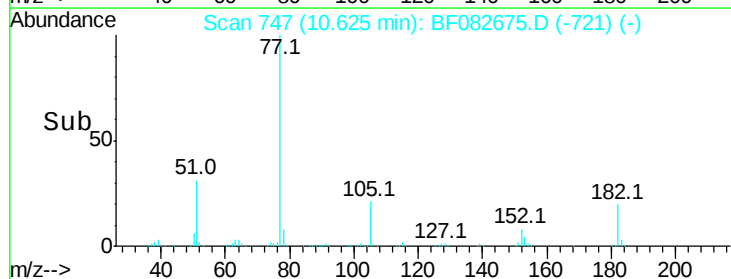
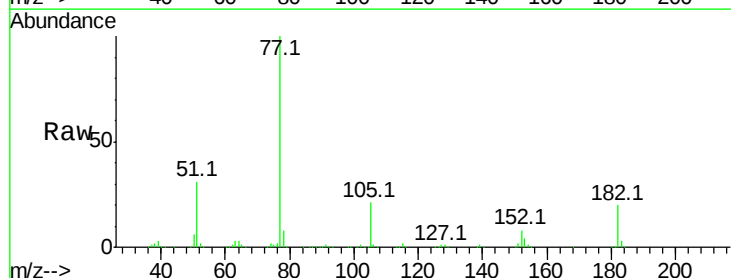
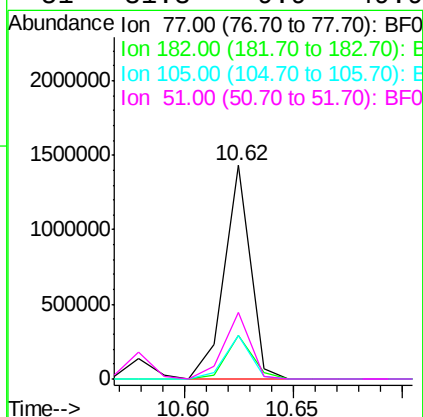
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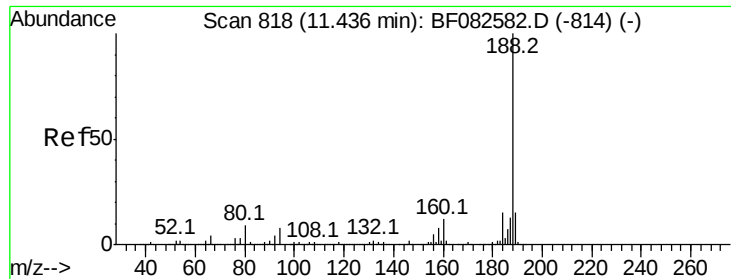
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#62
Azobenzene
Concen: 33.05 ng
RT: 10.62 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF082675.D
Acq: 3 Nov 2015 22:13

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.4	9.3	49.3
105	20.6	2.6	42.6
51	31.3	9.9	49.9





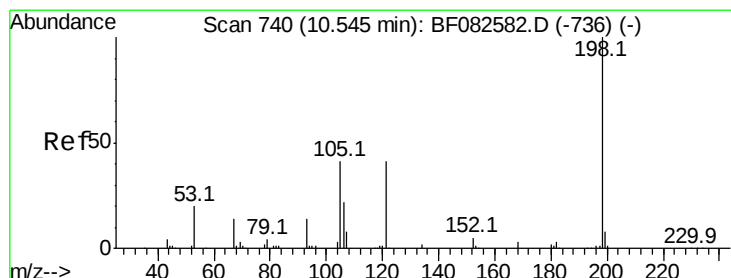
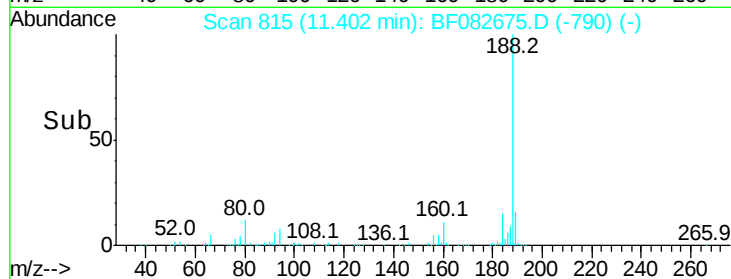
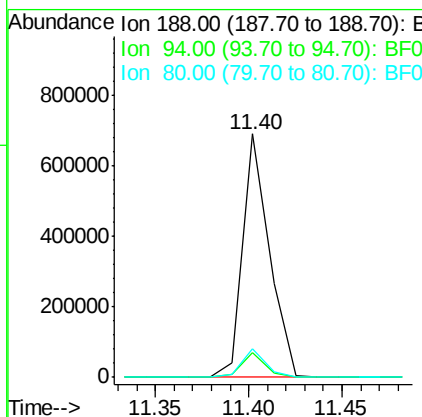
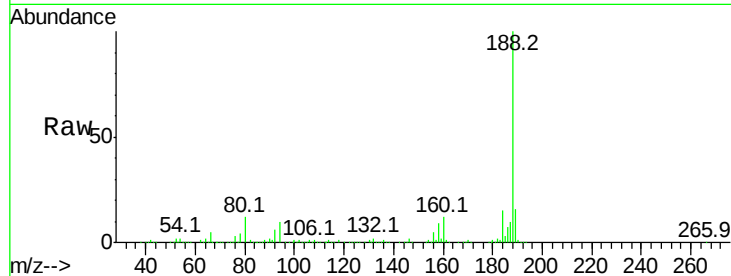
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF082675.D
Acq: 3 Nov 2015 22:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
188	100	685632		
94	10.1	6.1	9.1#	
80	12.0	7.0	10.6#	

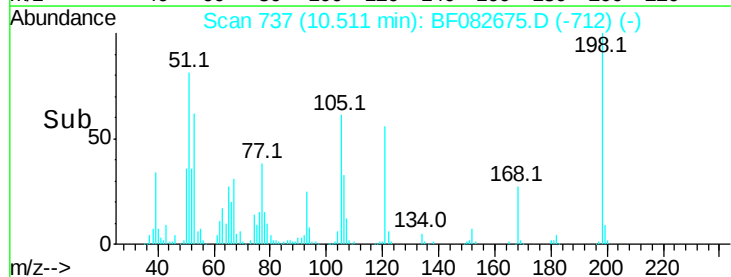
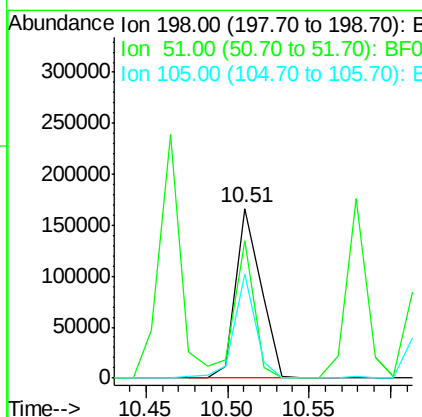
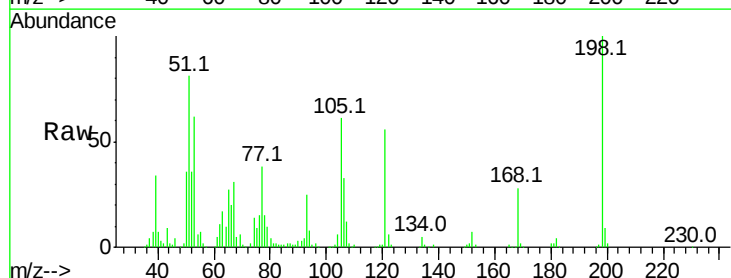
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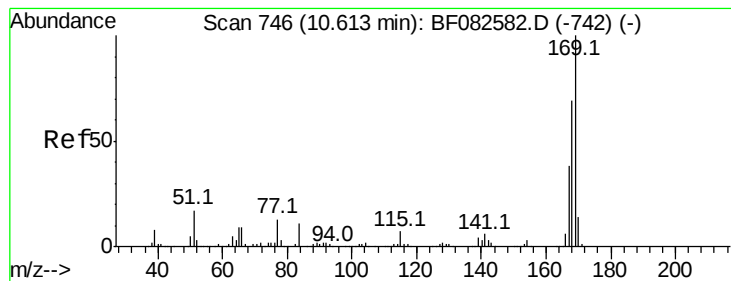
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11/4/2015 5:26:14 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 42.73 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF082675.D
Acq: 3 Nov 2015 22:13

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	176720		
51	81.3	17.3	57.3#	
105	61.1	21.7	61.7	





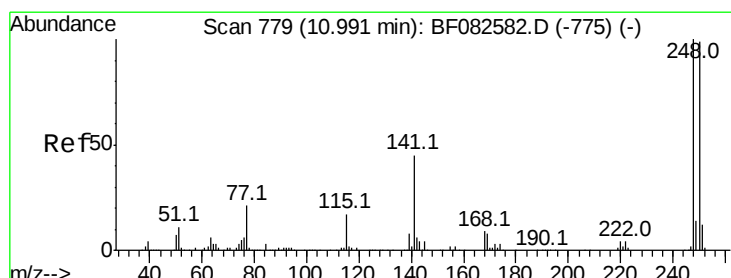
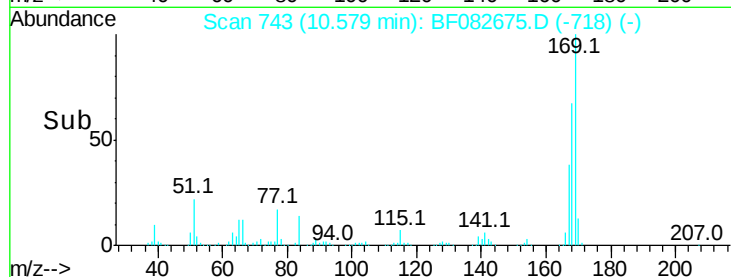
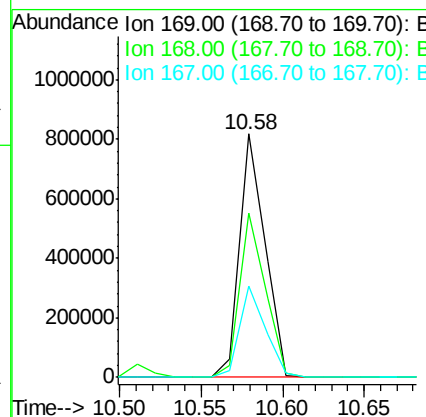
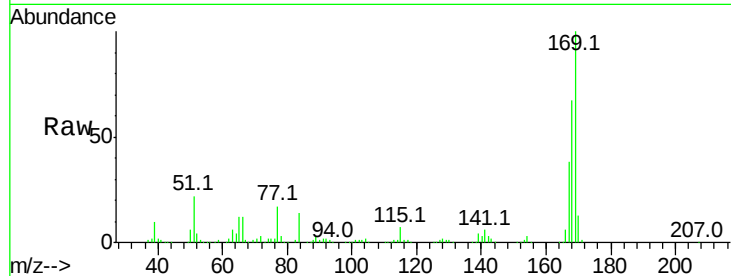
#65
 n-Nitrosodiphenylamine
 Concen: 37.09 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BF082675.D
 Acq: 3 Nov 2015 22:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
169	100	874254		
168	67.2	55.0	82.6	
167	37.6	30.5	45.7	

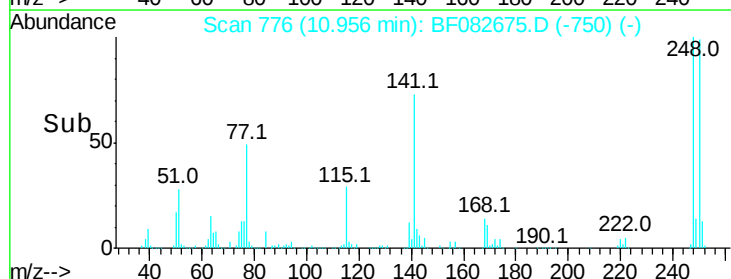
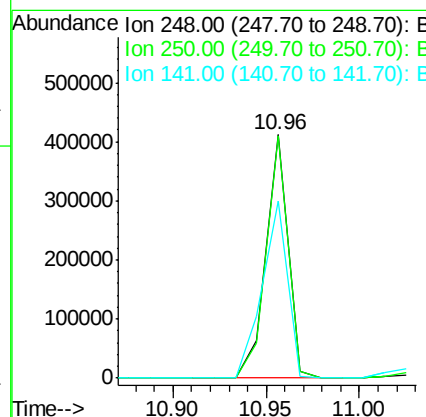
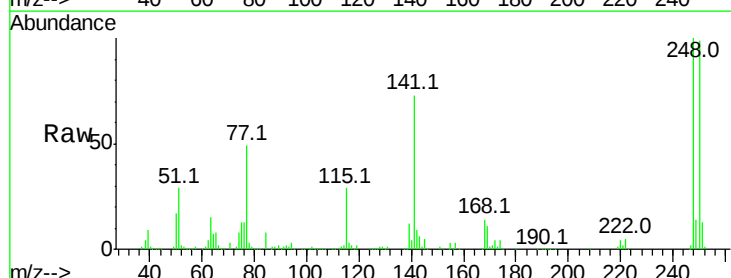
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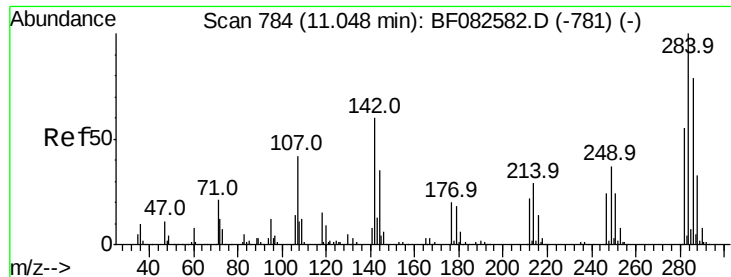
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#66
 4-Bromophenyl-phenylether
 Concen: 43.10 ng
 RT: 10.96 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF082675.D
 Acq: 3 Nov 2015 22:13

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	334846		
250	99.5	79.4	119.2	
141	72.5	36.3	54.5	





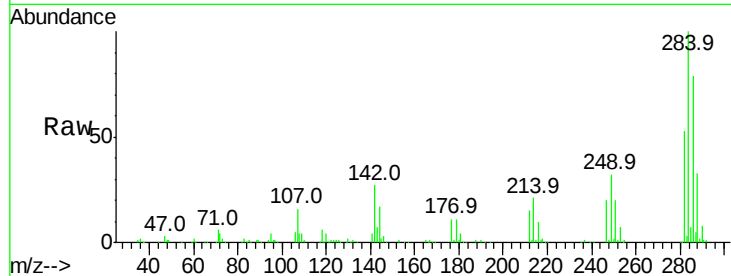
#67
Hexachlorobenzene
Concen: 43.37 ng
RT: 11.02 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF082675.D
Acq: 3 Nov 2015 22:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

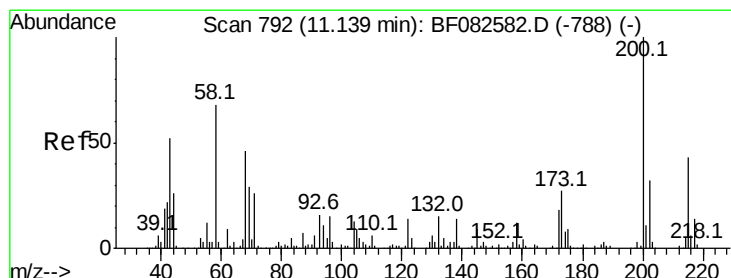
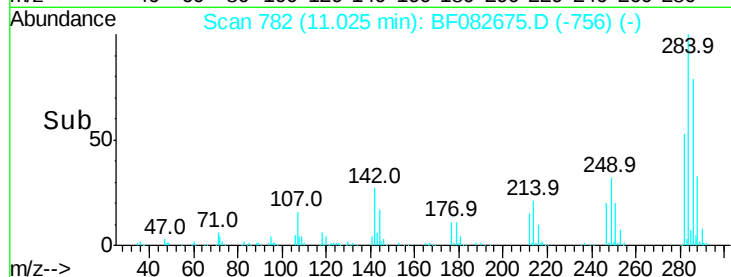
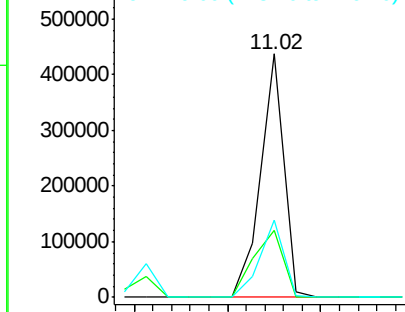
Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	27.4	47.9	71.9	
249	31.6	29.7	44.5	

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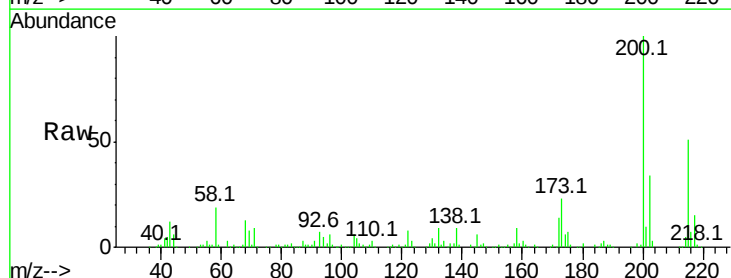


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

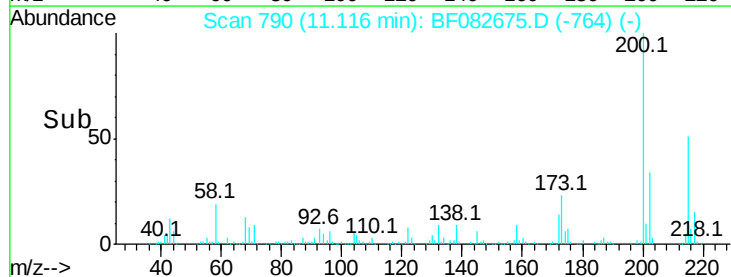
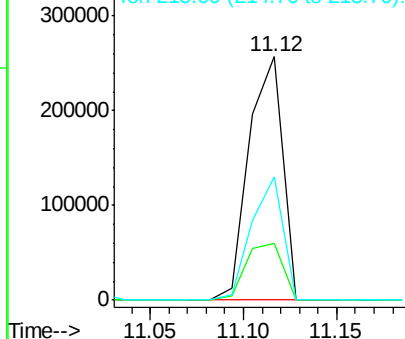


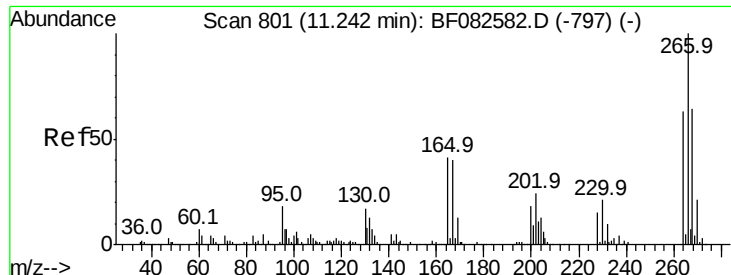
#68
Atrazine
Concen: 41.53 ng
RT: 11.12 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF082675.D
Acq: 3 Nov 2015 22:13

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	23.2	6.9	46.9	
215	50.6	22.9	62.9	



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





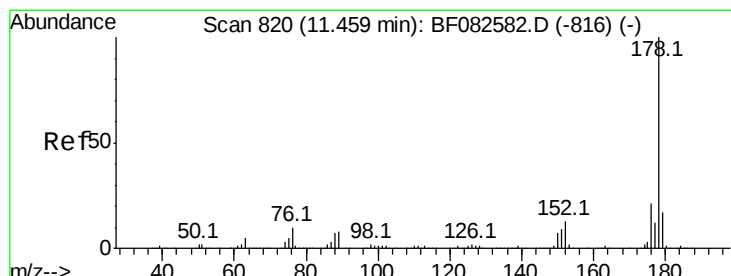
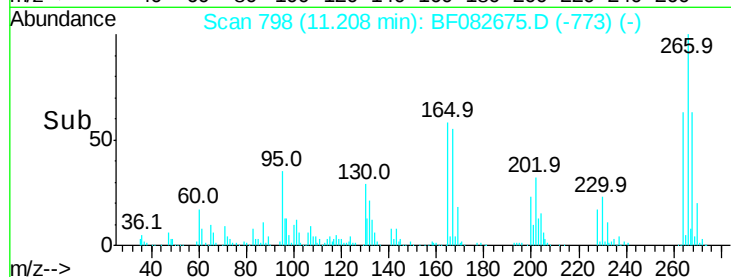
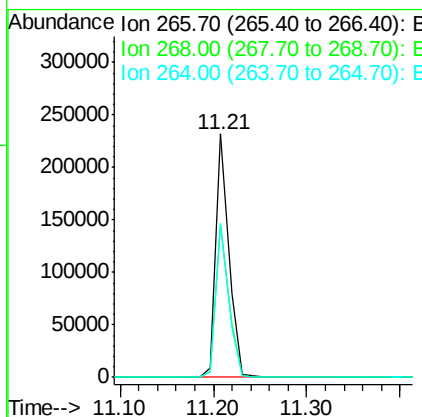
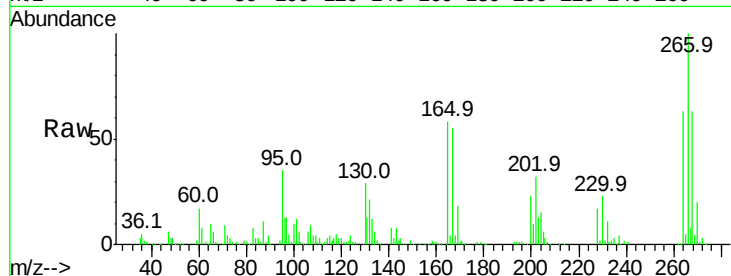
#69
 Pentachlorophenol
 Concen: 39.56 ng
 RT: 11.21 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF082675.D
 Acq: 3 Nov 2015 22:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
266	100	224736		
268	62.6		51.0	76.6
264	63.0		50.6	75.8

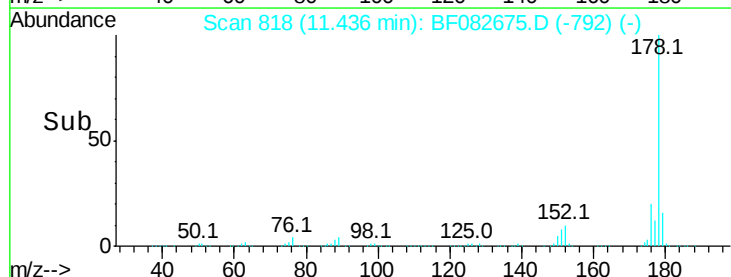
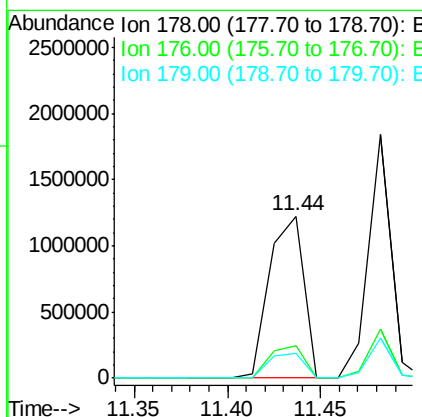
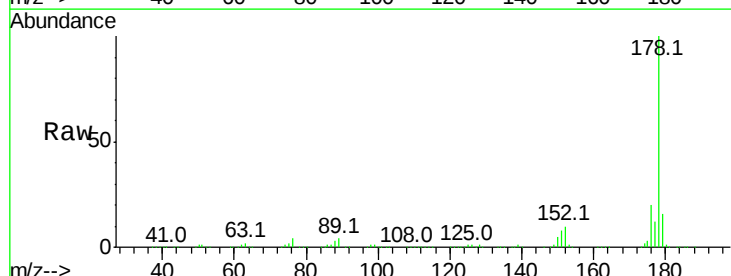
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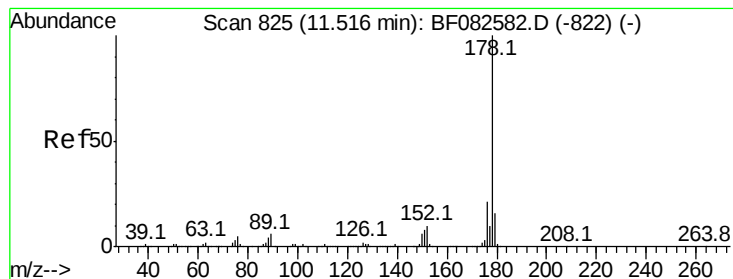
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#70
 Phenanthrene
 Concen: 40.48 ng
 RT: 11.44 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF082675.D
 Acq: 3 Nov 2015 22:13

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1565385		
176	20.0		17.0	25.4
179	15.5		13.4	20.0





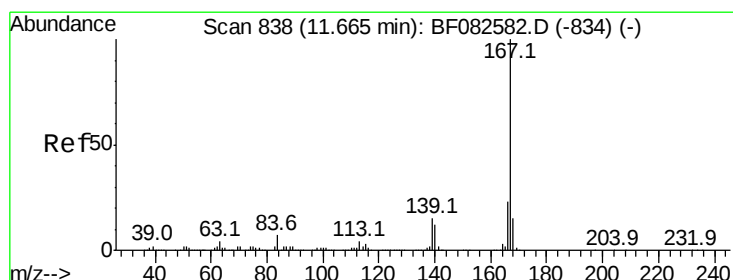
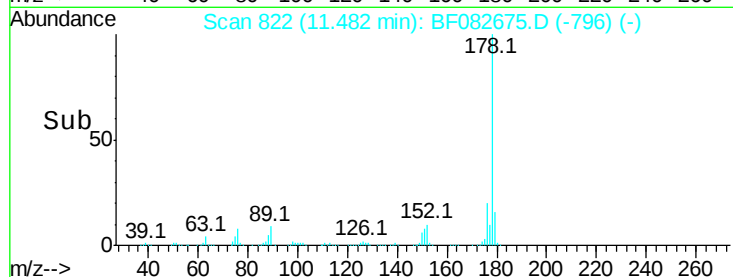
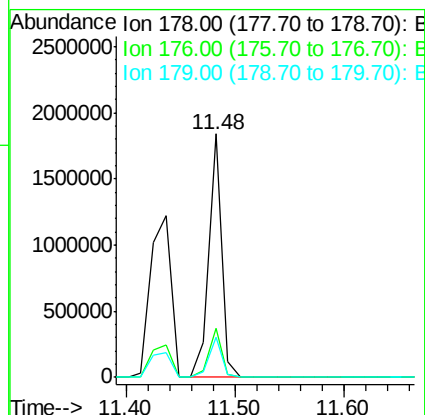
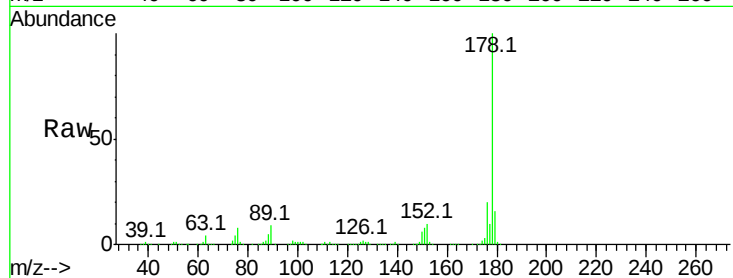
#71
 Anthracene
 Concen: 39.44 ng
 RT: 11.48 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF082675.D
 Acq: 3 Nov 2015 22:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:178 Resp: 1535671
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.5 24.7
 179 16.4 13.2 19.8

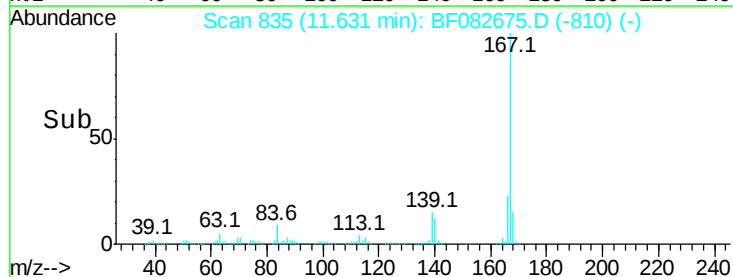
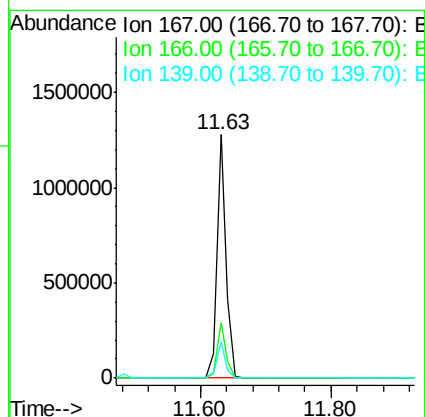
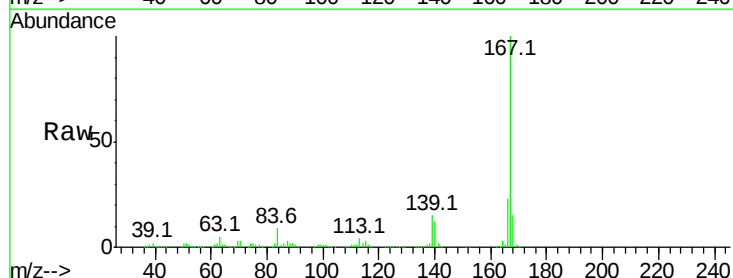
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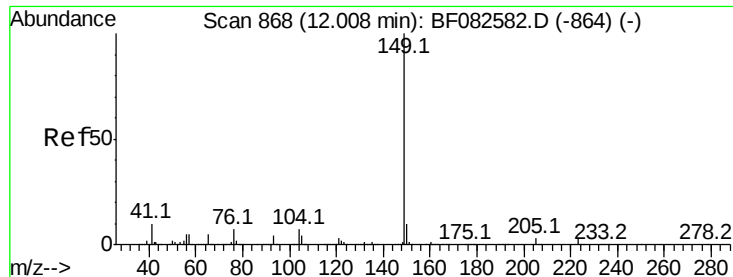
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 11/4/2015 5:26:14 PM



#72
 Carbazole
 Concen: 37.16 ng
 RT: 11.63 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BF082675.D
 Acq: 3 Nov 2015 22:13

Tgt Ion:167 Resp: 1260212
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.7 28.1
 139 14.7 11.8 17.6





#73

Di-n-butylphthalate

Concen: 39.45 ng

RT: 11.97 min Scan# 865

Delta R.T. -0.01 min

Lab File: BF082675.D

Acq: 3 Nov 2015 22:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:149 Resp: 1703269

Ion Ratio Lower Upper

149 100

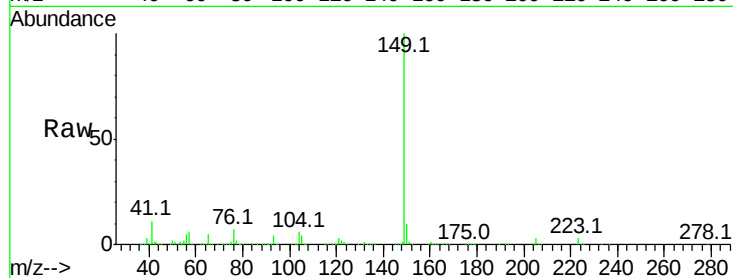
150 9.9 8.1 12.1

104 6.3 5.2 7.8

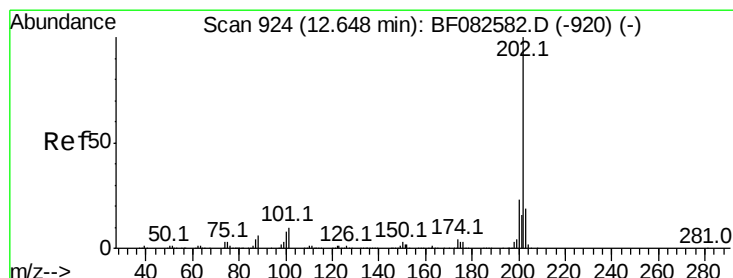
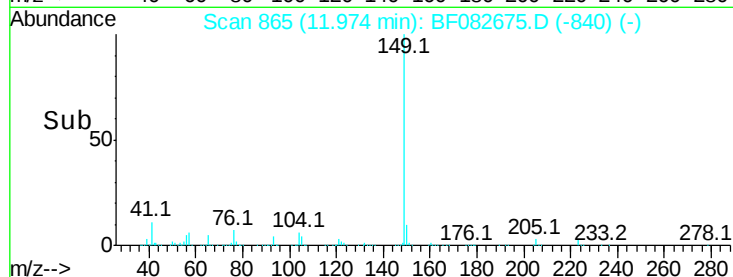
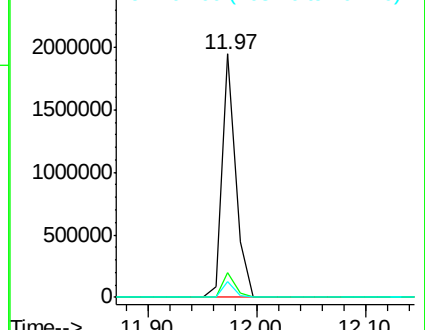
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.12 ng

RT: 12.61 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF082675.D

Acq: 3 Nov 2015 22:13

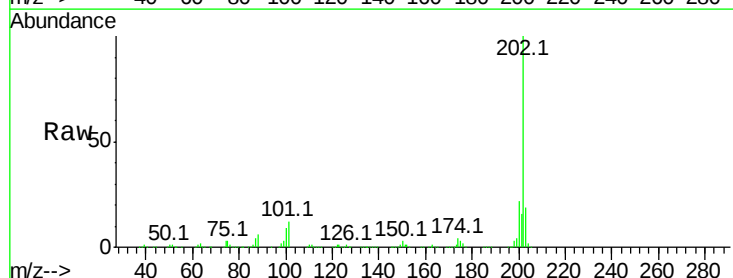
Tgt Ion:202 Resp: 1507060

Ion Ratio Lower Upper

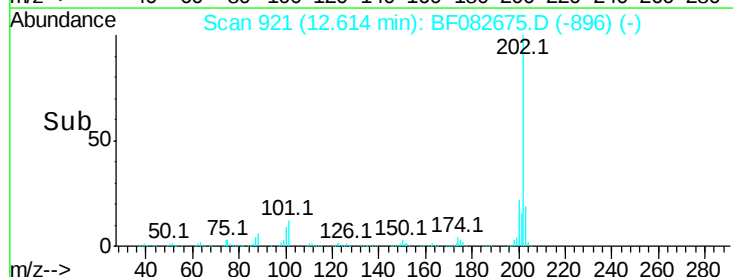
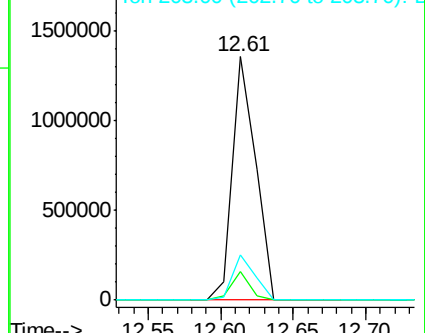
202 100

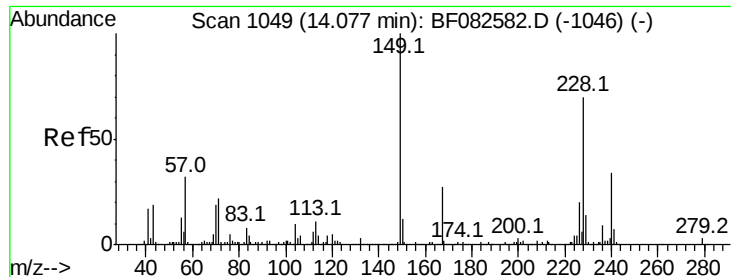
101 11.8 0.0 30.5

203 18.7 0.0 38.5



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





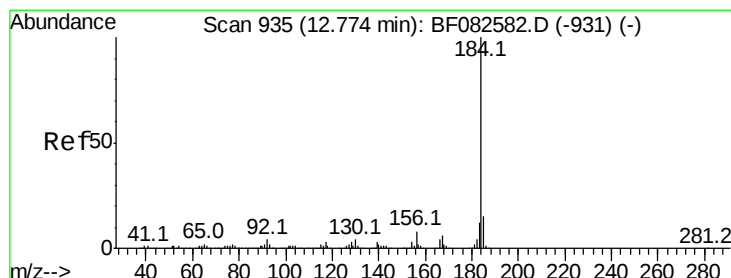
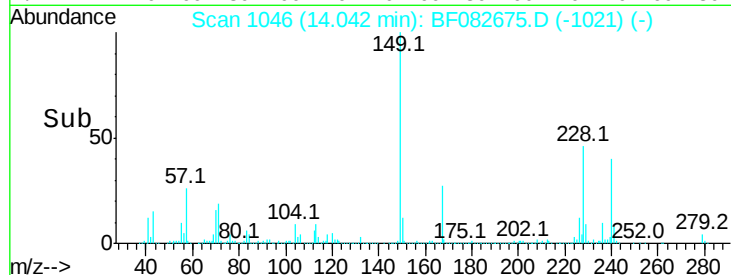
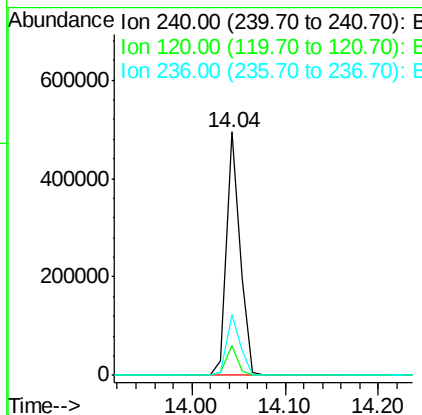
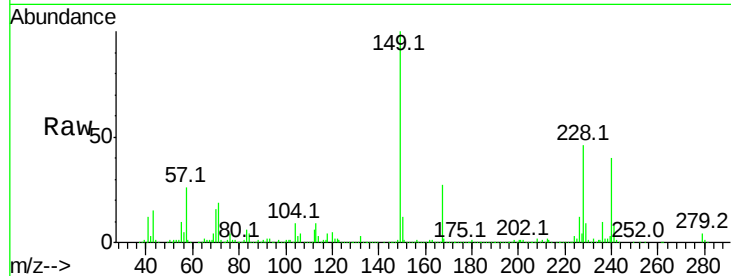
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BF082675.D
 Acq: 3 Nov 2015 22:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:	240	Resp:	502918
Ion Ratio		Lower	Upper
240	100		
120	12.2	10.9	16.3
236	25.0	21.6	32.4

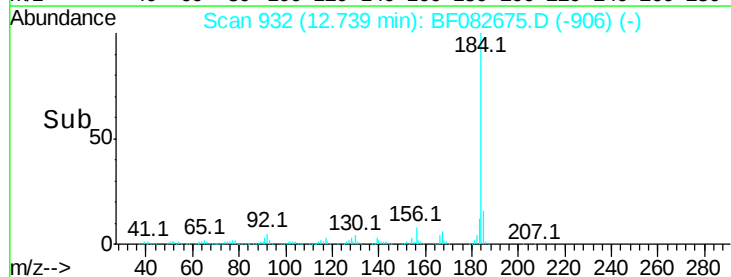
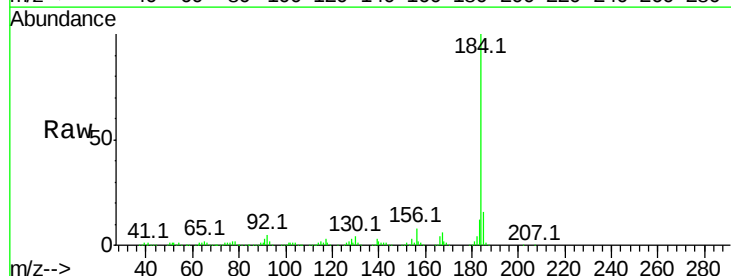
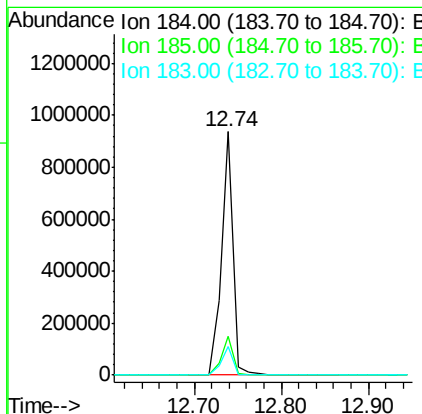
Manual Integrations
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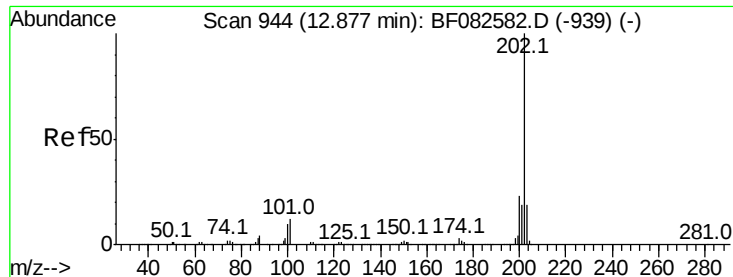
Mmdadoda
 11/4/2015 5:26:14 PM



#76
 Benzidine
 Concen: 38.82 ng
 RT: 12.74 min Scan# 932
 Delta R.T. 0.00 min
 Lab File: BF082675.D
 Acq: 3 Nov 2015 22:13

Tgt Ion:	184	Resp:	880485
Ion Ratio		Lower	Upper
184	100		
185	15.7	12.0	18.0
183	11.7	9.6	14.4





#77

Pvrene

Concen: 39.48 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF082675.D

Acq: 3 Nov 2015 22:13

Instrument :

BNA_F

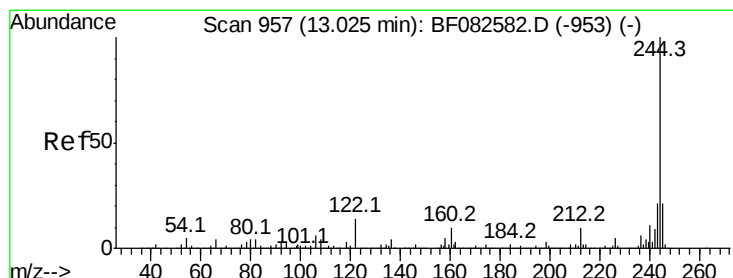
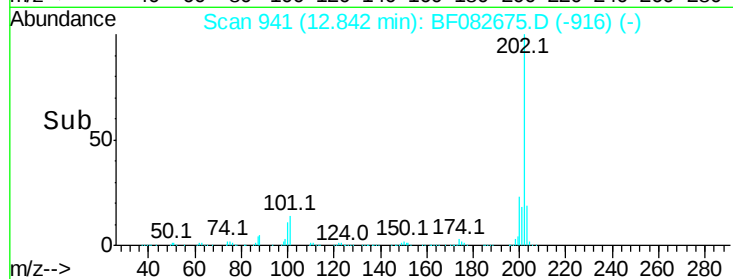
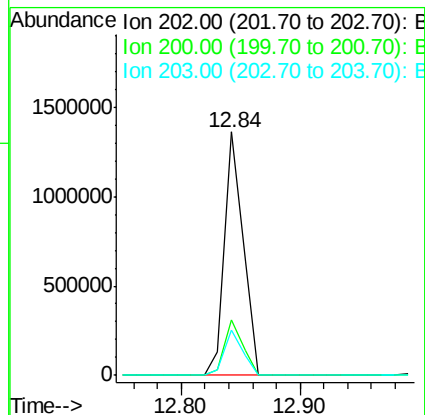
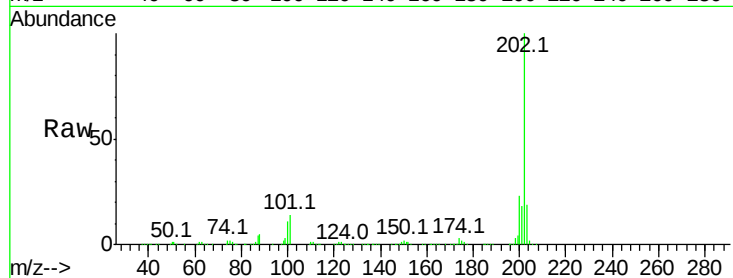
ClientSampleId :

SSTDCCC040EC

Tot Ion:	202	Resp:	1470354
Ion	Ratio	Lower	Upper
202	100		
200	22.6	18.7	28.1
203	18.8	14.8	22.2

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#78

Terphenyl-d14

Concen: 88.03 ng

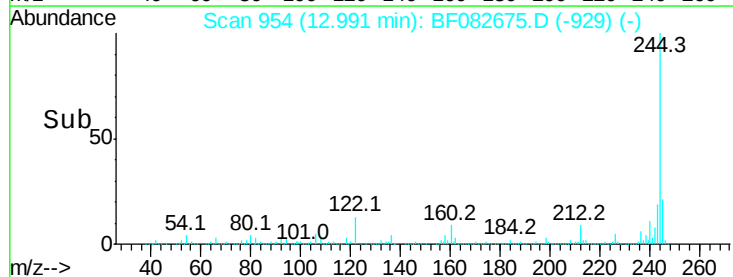
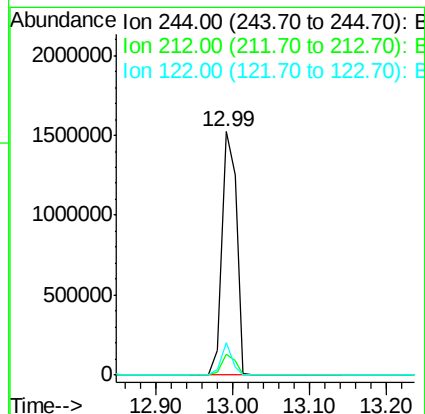
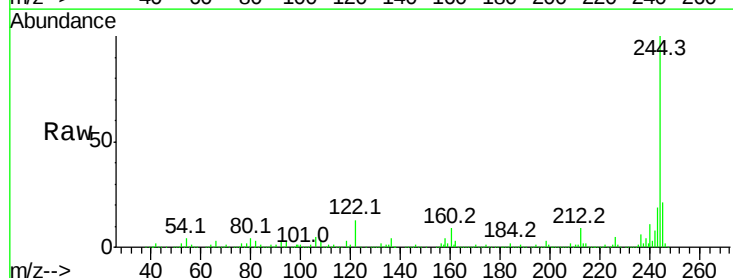
RT: 12.99 min Scan# 954

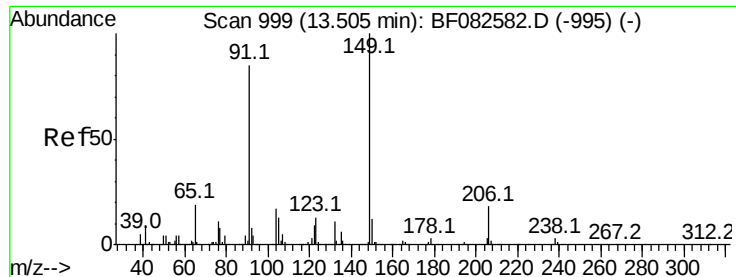
Delta R.T. -0.01 min

Lab File: BF082675.D

Acq: 3 Nov 2015 22:13

Tgt Ion:	244	Resp:	2023075
Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.6	11.4
122	13.5	11.3	16.9





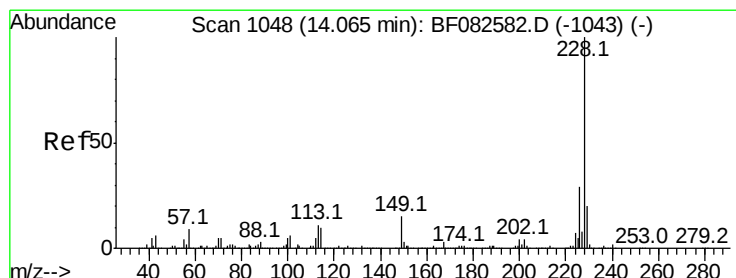
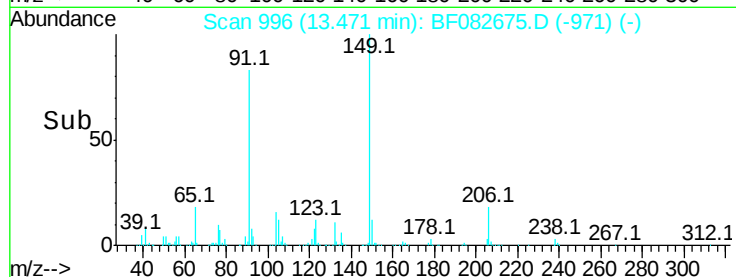
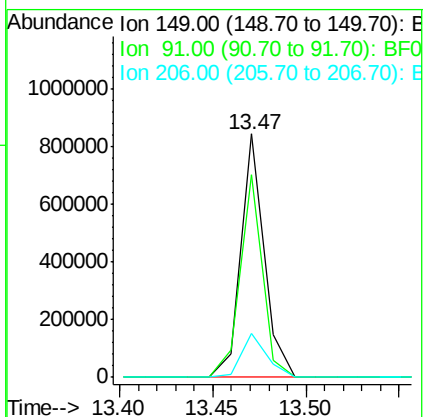
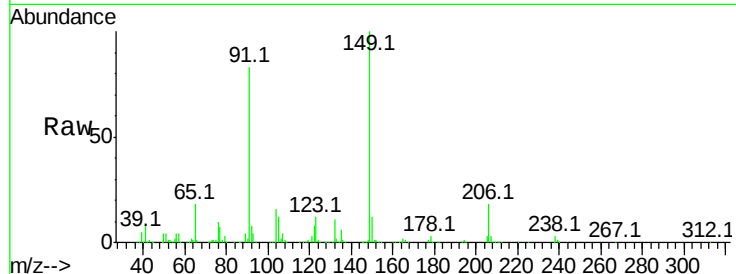
#79
Butylbenzylphthalate
Concen: 45.25 ng
RT: 13.47 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF082675.D
Acq: 3 Nov 2015 22:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
149	100		
91	83.5	67.7	101.5
206	18.3	14.6	22.0

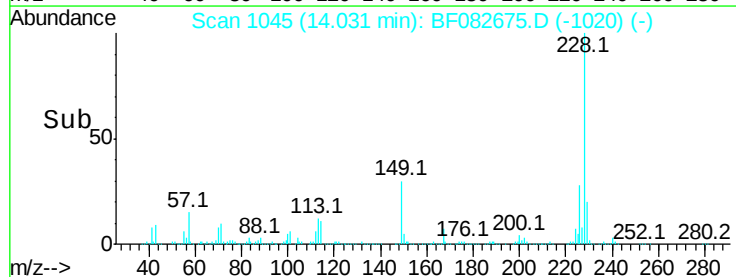
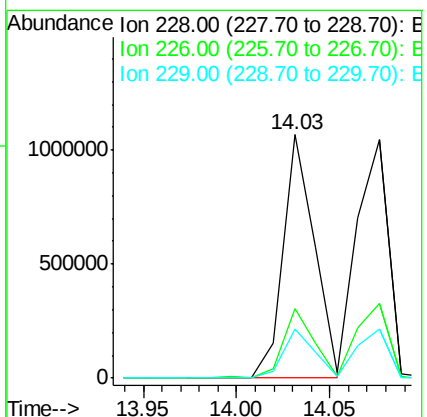
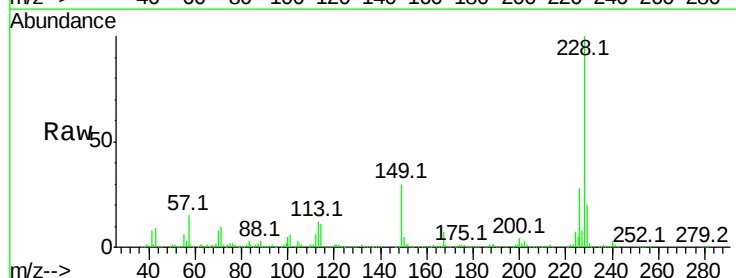
Manual Integrations
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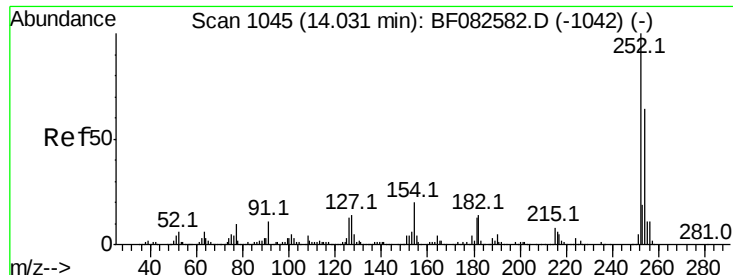
Mmdadoda
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#80
Benzo(a)anthracene
Concen: 39.23 ng
RT: 14.03 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF082675.D
Acq: 3 Nov 2015 22:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.4	35.2
229	20.3	16.3	24.5





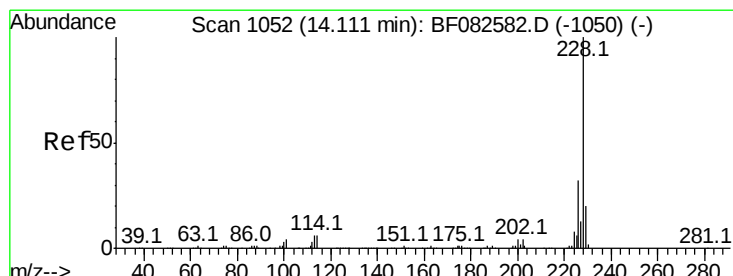
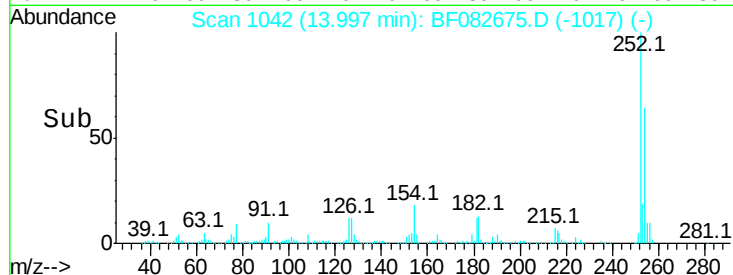
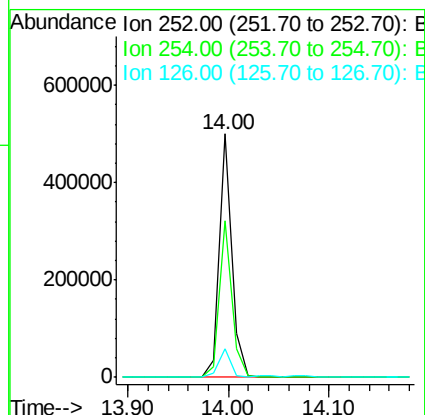
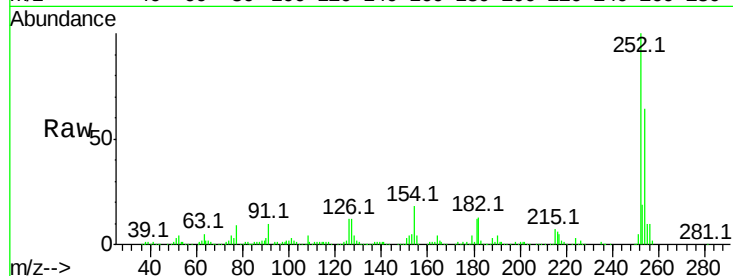
#81
 3,3'-Dichlorobenzidine
 Concen: 39.53 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BF082675.D
 Acq: 3 Nov 2015 22:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
252	100	435105		
254	64.1	51.4	77.0	
126	11.9	10.7	16.1	

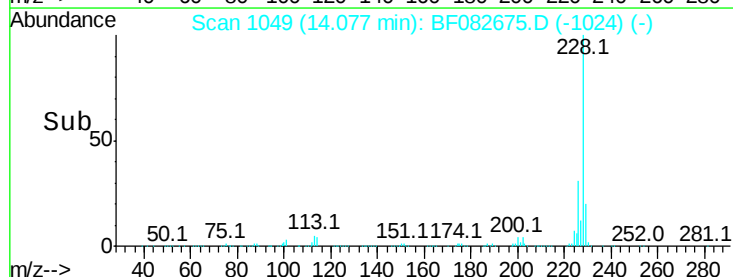
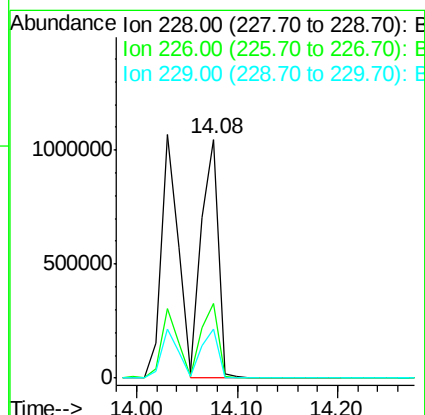
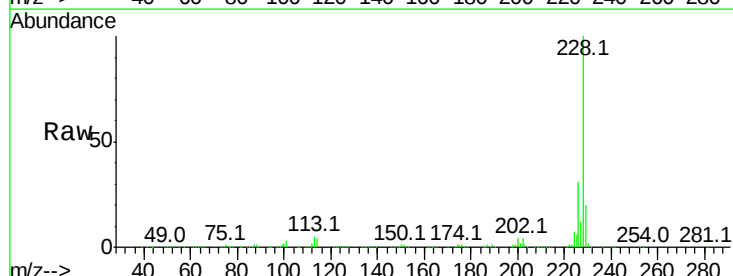
Manual Integrations
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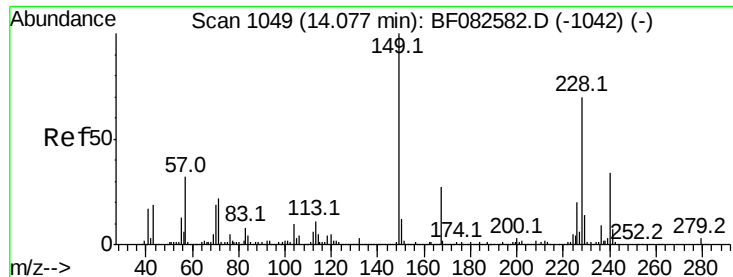
Mmdadoda
 11/4/2015 5:26:14 PM



#82
 Chrysene
 Concen: 42.33 ng
 RT: 14.08 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BF082675.D
 Acq: 3 Nov 2015 22:13

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1225598		
226	31.1	25.5	38.3	
229	20.3	16.3	24.5	





#83

Bis(2-ethylhexyl)phthalate

Concen: 52.86 ng

RT: 14.04 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF082675.D

Acq: 3 Nov 2015 22:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:149 Resp: 1117734

Ion Ratio Lower Upper

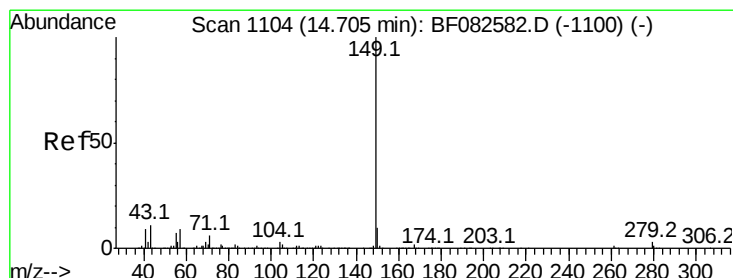
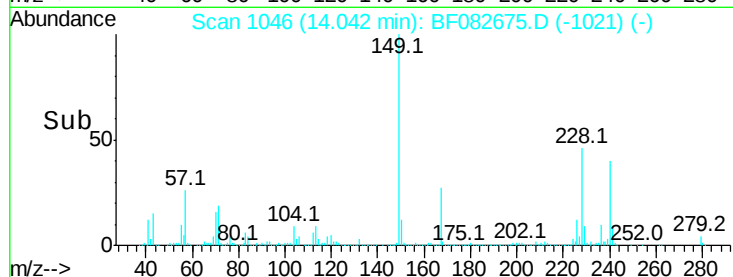
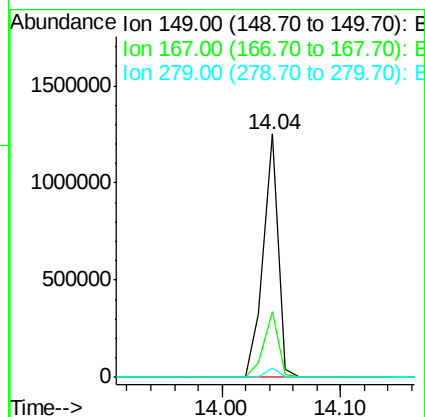
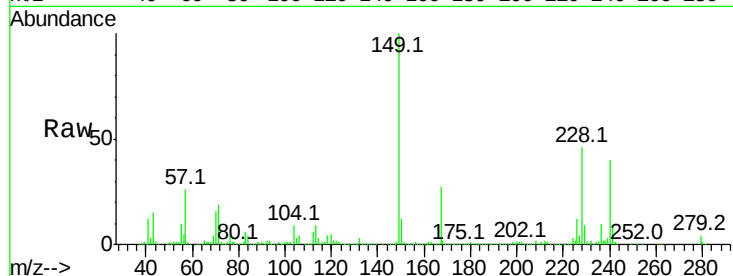
149 100

167 27.1 21.2 31.8

279 3.7 2.2 3.2#

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#84

Di-n-octyl phthalate

Concen: 47.49 ng

RT: 14.65 min Scan# 1099

Delta R.T. -0.02 min

Lab File: BF082675.D

Acq: 3 Nov 2015 22:13

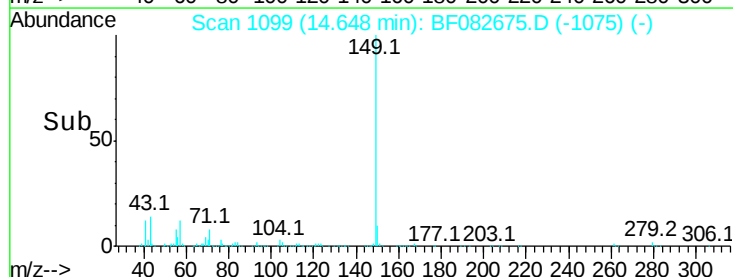
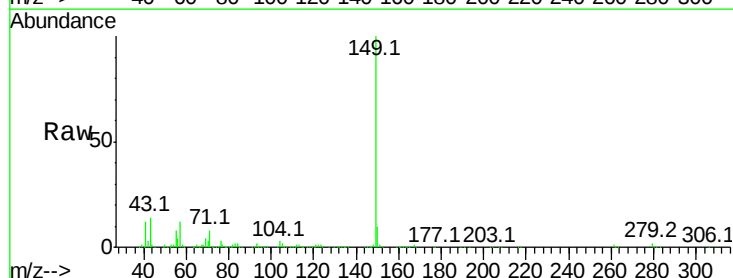
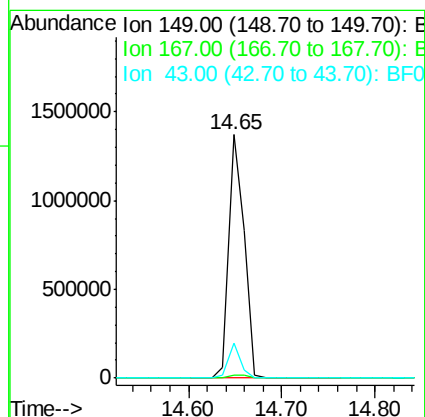
Tgt Ion:149 Resp: 1566488

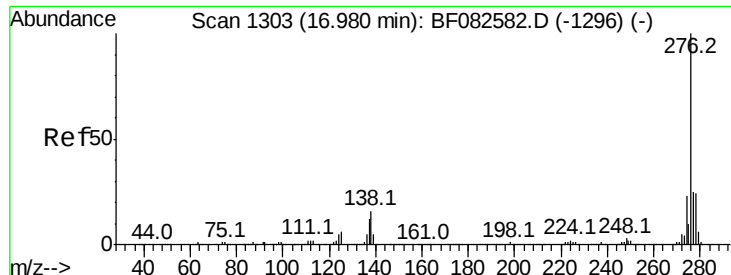
Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 11.7 10.1 15.1





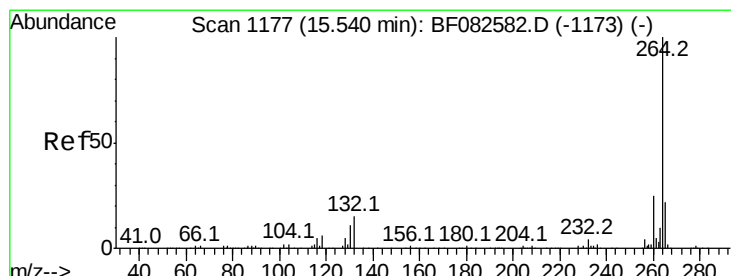
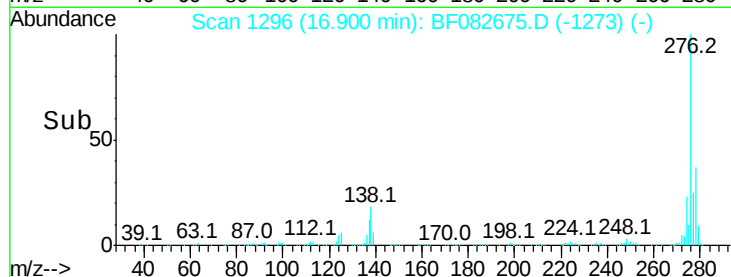
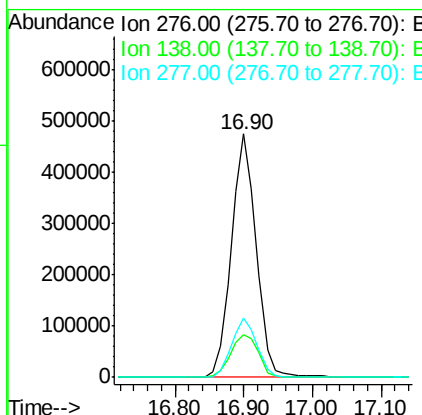
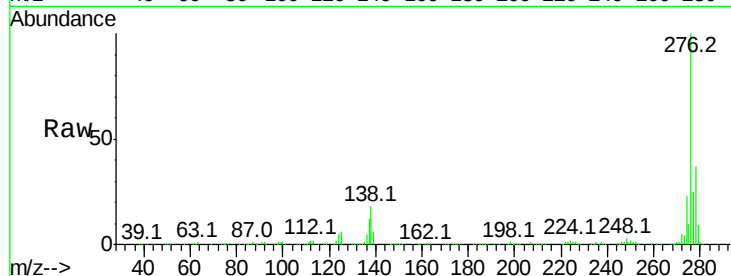
#85
Indeno(1,2,3-cd)pyrene
Concen: 50.36 ng
RT: 16.90 min Scan# 1296
Delta R.T. -0.03 min
Lab File: BF082675.D
Acq: 3 Nov 2015 22:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.7	15.3	22.9
277	24.9	20.2	30.4

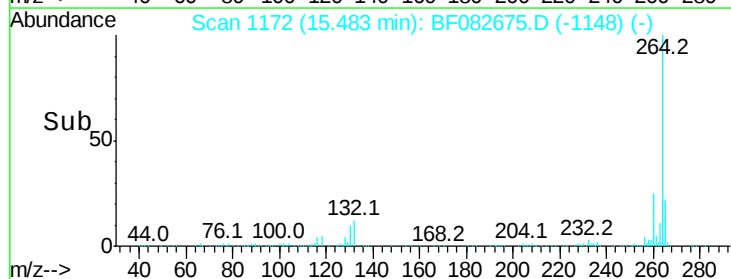
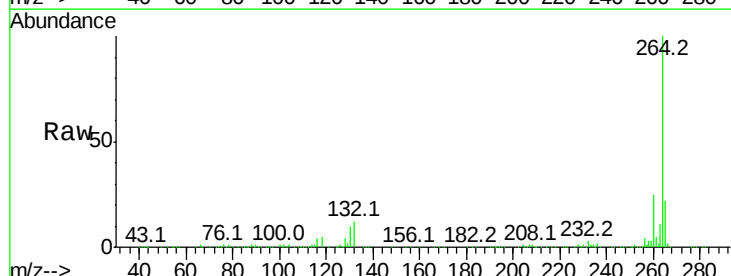
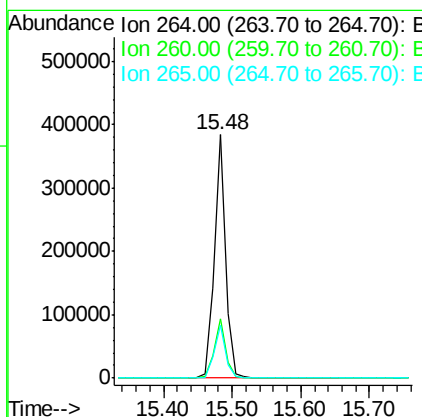
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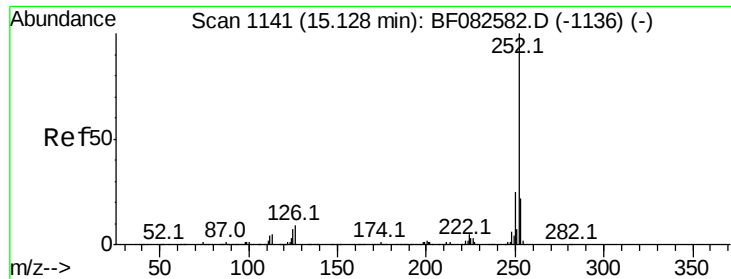
Mmdadoda
11/4/2015 5:26:14 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BF082675.D
Acq: 3 Nov 2015 22:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.8	29.6
265	21.8	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 32.27 ng

RT: 15.07 min Scan# 1136

Delta R.T. -0.02 min

Lab File: BF082675.D

Acq: 3 Nov 2015 22:13

Instrument :

BNA_F

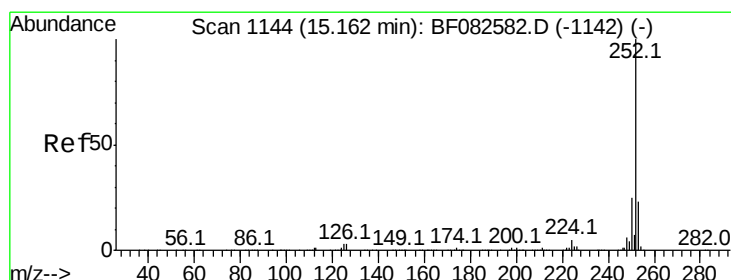
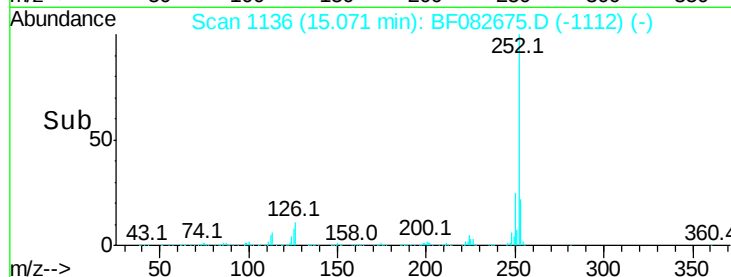
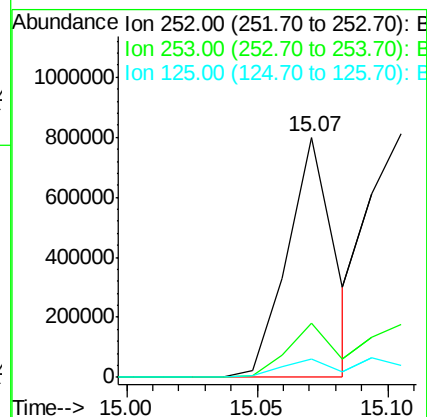
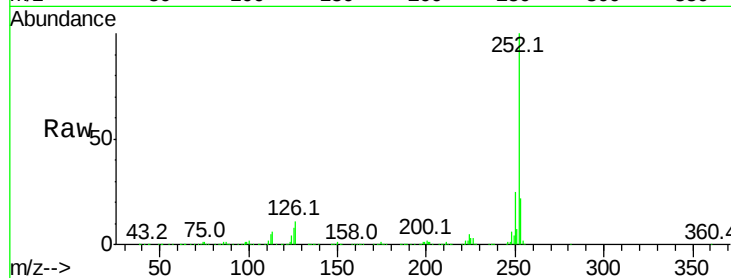
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	7.9	5.4	8.2

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#88

Benzo(k)fluoranthene

Concen: 43.51 ng m

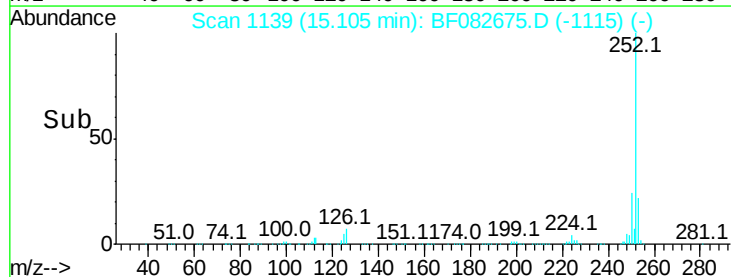
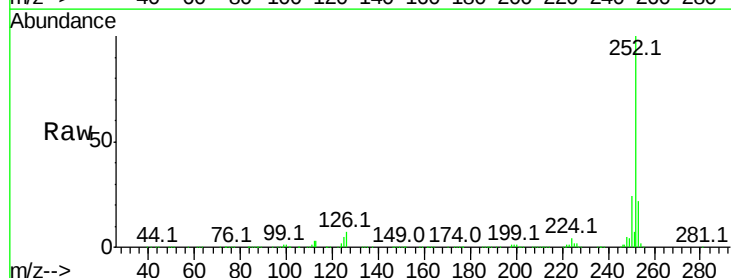
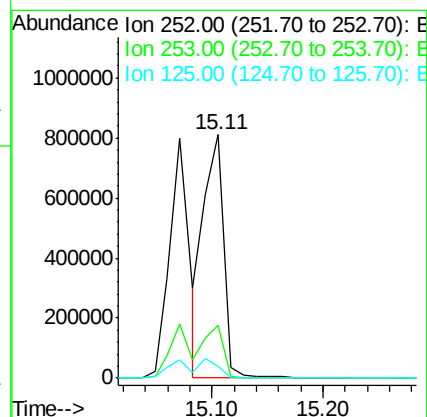
RT: 15.11 min Scan# 1139

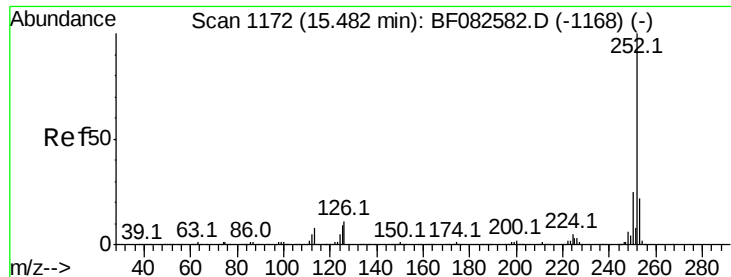
Delta R.T. -0.02 min

Lab File: BF082675.D

Acq: 3 Nov 2015 22:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	4.8	3.5	5.3





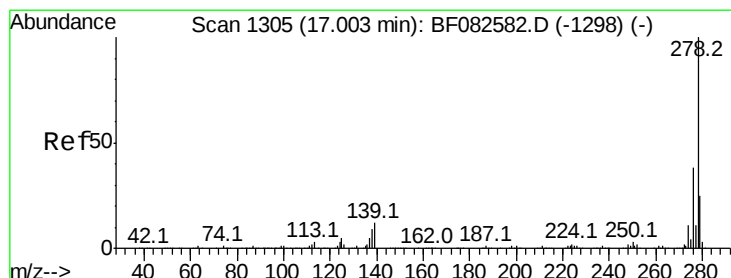
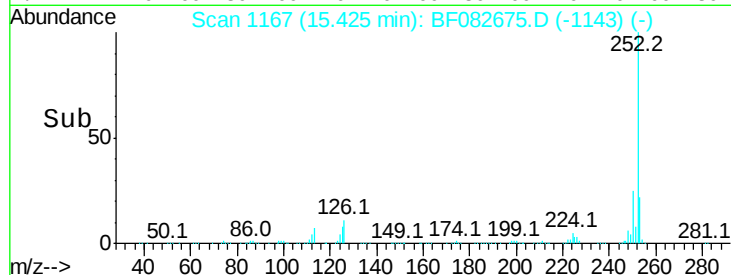
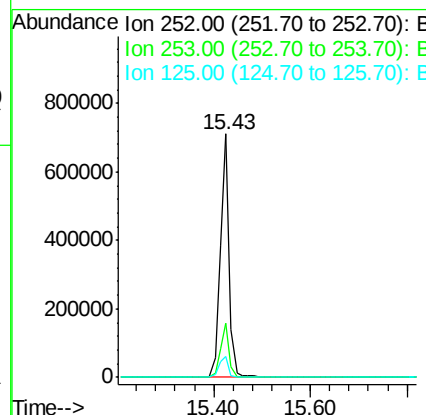
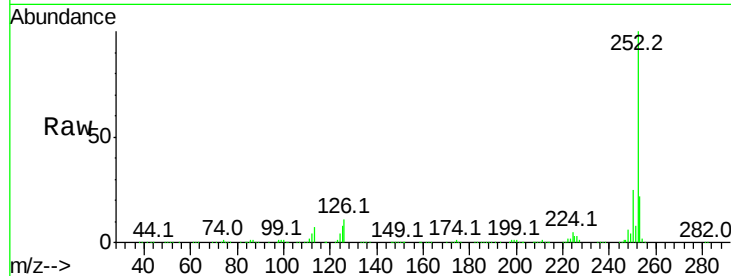
#89
Benzo(a)pyrene
Concen: 37.62 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BF082675.D
Acq: 3 Nov 2015 22:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.3	25.9
125	8.5	7.1	10.7

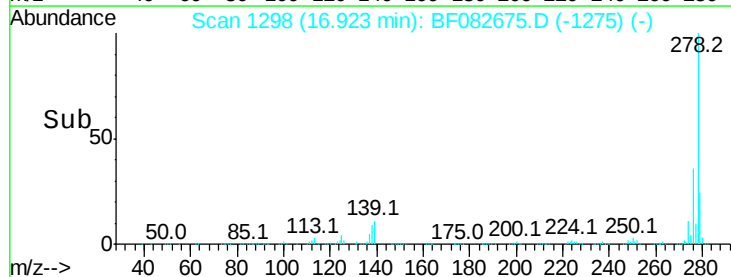
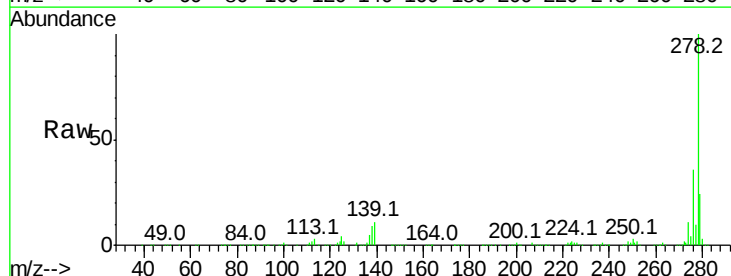
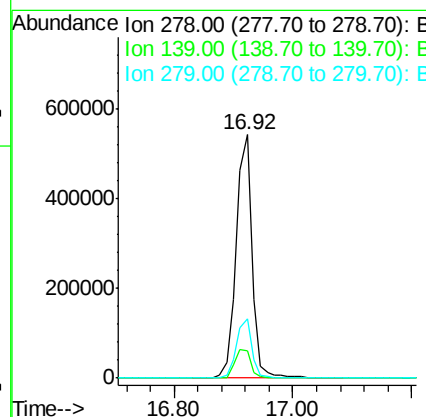
Manual Integrations
APPROVED

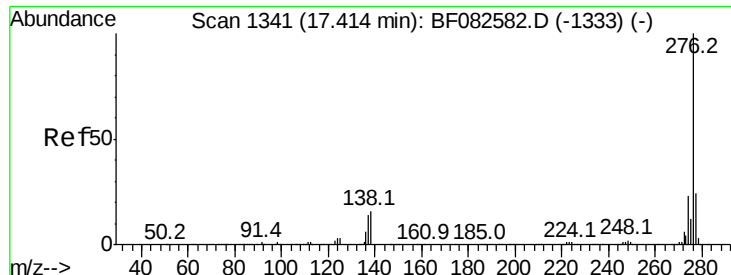
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#90
Dibenzo(a,h)anthracene
Concen: 44.50 ng
RT: 16.92 min Scan# 1298
Delta R.T. -0.03 min
Lab File: BF082675.D
Acq: 3 Nov 2015 22:13

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.1	9.9	14.9
279	24.2	19.6	29.4





#91
 Benzo(a,h,i)perylene
 Concen: 45.30 ng
 RT: 17.32 min Scan# 1333
 Delta R.T. -0.03 min
 Lab File: BF082675.D
 Acq: 3 Nov 2015 22:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.2	28.8
138	17.2	13.1	19.7

Manual Integrations
 APPROVED

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