

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051616\
 Data File : BF087075.D
 Acq On : 16 May 2016 12:10
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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Quant Time: May 17 10:51:38 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 01:12:04 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	208069	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	864683	20.00	ng	0.00
38) Acenaphthene-d10	9.64	164	399934	20.00	ng	0.00
63) Phenanthrene-d10	11.12	188	739284	20.00	ng	0.00
75) Chrysene-d12	13.76	240	521839	20.00	ng	0.00
86) Perylene-d12	15.11	264	424501	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.20	112	1079706	87.88	ng	0.00
7) Phenol-d6	6.28	99	1278216	77.84	ng	0.00
23) Nitrobenzene-d5	7.19	82	1441813	83.73	ng	0.00
41) 2,4,6-Tribromophenol	10.44	330	377164	89.08	ng	0.00
44) 2-Fluorobiphenyl	8.98	172	1986806	83.49	ng	0.00
78) Terphenyl-d14	12.71	244	1767330	71.86	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.06	88	257720	42.73	ng	# 73
3) Pyridine	2.68	79	641544	43.51	ng	# 64
4) n-Nitrosodimethylamine	2.66	42	486283	45.48	ng	# 48
6) Aniline	6.27	93	856524	43.13	ng	97
8) 2-Chlorophenol	6.40	128	597049	40.27	ng	87
9) Benzaldehyde	6.15	77	372974	39.23	ng	95
10) Phenol	6.30	94	766858	39.29	ng	74
11) bis(2-Chloroethyl)ether	6.35	93	585376	38.47	ng	# 83
12) 1,3-Dichlorobenzene	6.55	146	666600	41.55	ng	97
13) 1,4-Dichlorobenzene	6.63	146	675558	41.29	ng	97
14) 1,2-Dichlorobenzene	6.78	146	519425	36.43	ng	94
15) Benzyl Alcohol	6.78	79	508227	44.82	ng	90
16) 2,2'-oxybis(1-Chloropropan	6.90	45	1261677	38.13	ng	53
17) 2-Methylphenol	6.90	107	488137m	41.38	ng	
18) Hexachloroethane	7.12	117	265290	43.10	ng	# 86
19) n-Nitroso-di-n-propylamine	7.05	70	501036m	43.66	ng	
20) 3+4-Methylphenols	7.06	107	646667	41.97	ng	# 60
22) Acetophenone	7.04	105	872821	42.74	ng	# 99
24) Nitrobenzene	7.21	77	790613	44.63	ng	98
25) Isophorone	7.45	82	1304924	40.84	ng	98
26) 2-Nitrophenol	7.52	139	310414	39.87	ng	# 62
27) 2,4-Dimethylphenol	7.59	122	572943	43.19	ng	92
28) bis(2-Chloroethoxy)methane	7.67	93	763829	44.32	ng	98
29) 2,4-Dichlorophenol	7.78	162	474686	40.66	ng	92
30) 1,2,4-Trichlorobenzene	7.84	180	527144	40.38	ng	95
31) Naphthalene	7.92	128	1566928	36.18	ng	98
32) Benzoic acid	7.75	122	230726	29.62	ng	# 77
33) 4-Chloroaniline	7.99	127	734604	43.65	ng	# 95
34) Hexachlorobutadiene	8.03	225	291228	38.45	ng	97
35) Caprolactam	8.39	113	149282	37.58	ng	# 52
36) 4-Chloro-3-methylphenol	8.49	107	529846	37.42	ng	89
37) 2-Methylnaphthalene	8.62	142	1098223	43.37	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	445083	38.28	ng	97
40) Hexachlorocyclopentadiene	8.76	237	194909	35.31	ng	95

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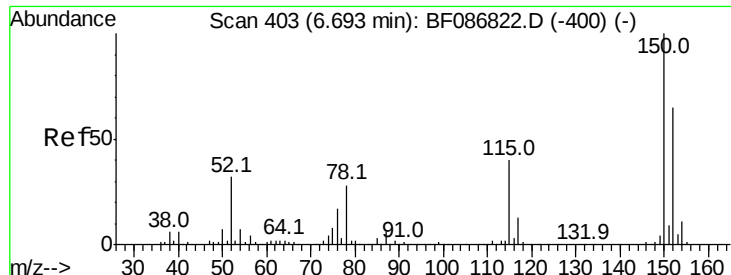
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	310069	39.88	nq	94
43) 2,4,5-Trichlorophenol	8.95	196	319088	39.68	nq #	83
45) 1,1'-Biphenyl	9.07	154	1270446	39.94	nq	95
46) 2-Chloronaphthalene	9.10	162	968261	38.85	nq #	92
47) 2-Nitroaniline	9.21	65	382562	42.00	nq #	76
48) Acenaphthylene	9.51	152	1393430	38.01	nq	99
49) Dimethylphthalate	9.39	163	1224736	40.14	nq	100
50) 2,6-Dinitrotoluene	9.46	165	292986	45.63	nq #	70
51) Acenaphthene	9.68	154	906029	39.73	nq	99
52) 3-Nitroaniline	9.63	138	300811	44.50	nq	86
53) 2,4-Dinitrophenol	9.74	184	112695	38.73	nq #	84
54) Dibenzofuran	9.85	168	1119725	38.25	nq	92
55) 4-Nitrophenol	9.82	139	138380m	33.51	nq	
56) 2,4-Dinitrotoluene	9.86	165	356969	44.92	nq	95
57) Fluorene	10.19	166	895680	35.88	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.99	232	243793	40.27	nq	96
59) Diethylphthalate	10.09	149	1250030	42.04	nq	96
60) 4-Chlorophenyl-phenylether	10.19	204	526127	49.72	nq #	85
61) 4-Nitroaniline	10.25	138	292033	44.98	nq #	82
62) Azobenzene	10.35	77	1425231	44.43	nq	88
64) 4,6-Dinitro-2-methylphenol	10.27	198	185558	40.40	nq	85
65) n-Nitrosodiphenylamine	10.32	169	954701	42.04	nq	98
66) 4-Bromophenyl-phenylether	10.67	248	283790	37.86	nq	91
67) Hexachlorobenzene	10.74	284	369076	42.13	nq #	89
68) Atrazine	10.86	200	323875	42.69	nq	94
69) Pentachlorophenol	10.95	266	134493	33.22	nq	95
70) Phenanthrene	11.15	178	1621044	41.09	nq	99
71) Anthracene	11.20	178	1445863	35.83	nq	99
72) Carbazole	11.37	167	1511300	43.57	nq	99
73) Di-n-butylphthalate	11.70	149	1862270	43.97	nq #	99
74) Fluoranthene	12.33	202	1427033	35.17	nq	98
76) Benzidine	12.47	184	645640	48.53	nq	97
77) Pyrene	12.56	202	1603823	40.14	nq	99
79) Butylbenzylphthalate	13.19	149	722337	42.75	nq #	76
80) Benzo(a)anthracene	13.75	228	1142303	38.99	nq	98
81) 3,3'-Dichlorobenzidine	13.73	252	820910	44.10	nq #	94
82) Chrysene	13.78	228	1111282	37.29	nq	98
83) Bis(2-ethylhexyl)phthalate	13.75	149	855034	42.06	nq	97
84) Di-n-octyl phthalate	14.35	149	1360469	40.40	nq #	84
85) Indeno(1,2,3-cd)pyrene	16.37	276	1025839	41.37	nq	95
87) Benzo(b)fluoranthene	14.74	252	974449m	35.32	nq	
88) Benzo(k)fluoranthene	14.78	252	1027974m	45.51	nq	
89) Benzo(a)pyrene	15.06	252	934845	39.29	nq	99
90) Dibenzo(a,h)anthracene	16.38	278	842976	42.03	nq	96
91) Benzo(g,h,i)perylene	16.74	276	873302	42.86	nq #	91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF087075.D

Acq: 16 May 2016 12:10

Instrument :

BNA_F

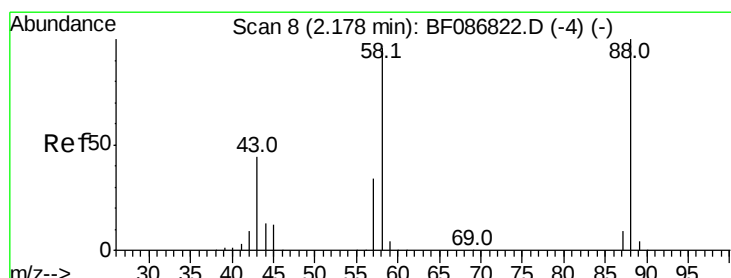
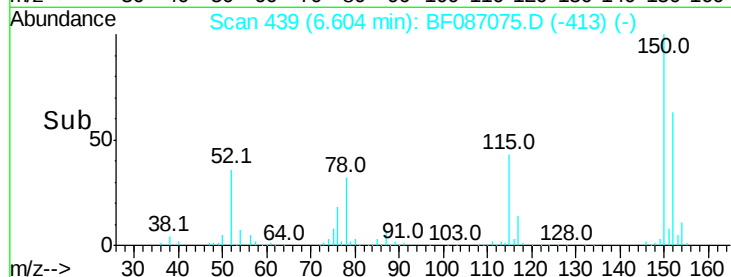
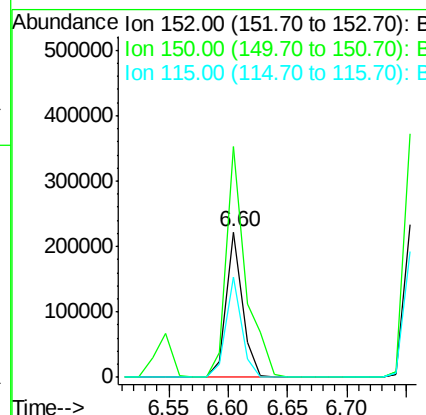
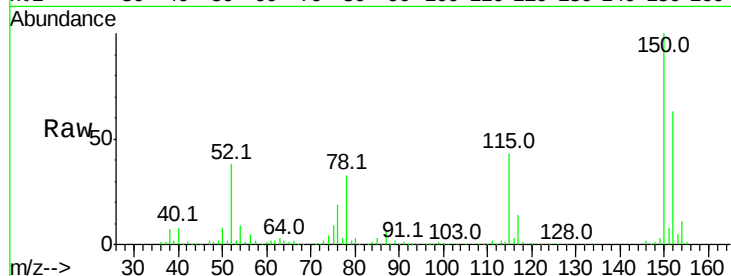
ClientSampleId :

SSTDCCC040

Tot Ion:	152	Resp:	208069
Ion Ratio	Lower	Upper	
152	100		
150	159.3	125.8	188.6
115	68.8	51.5	77.3

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#2

1,4-Dioxane

Concen: 42.73 ng

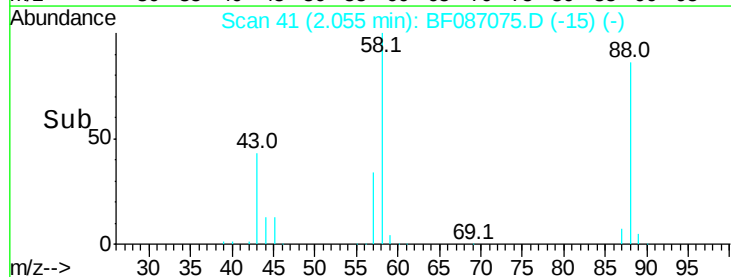
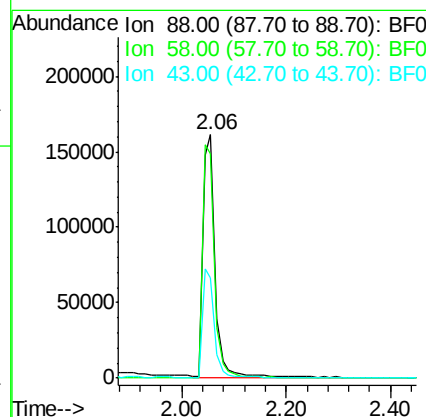
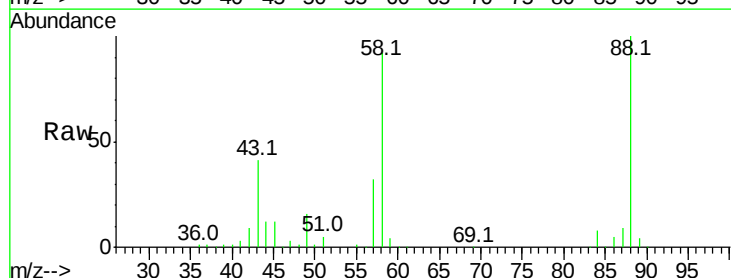
RT: 2.06 min Scan# 41

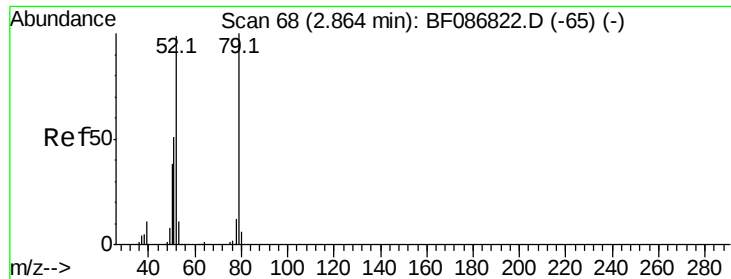
Delta R.T. 0.00 min

Lab File: BF087075.D

Acq: 16 May 2016 12:10

Tgt Ion:	88	Resp:	257720
Ion Ratio	Lower	Upper	
88	100		
58	95.8	59.6	89.4#
43	43.0	21.8	32.6#





#3

Pvridine

Concen: 43.51 ng

RT: 2.68 min Scan# 96

Delta R.T. 0.00 min

Lab File: BF087075.D

Acq: 16 May 2016 12:10

Instrument :

BNA_F

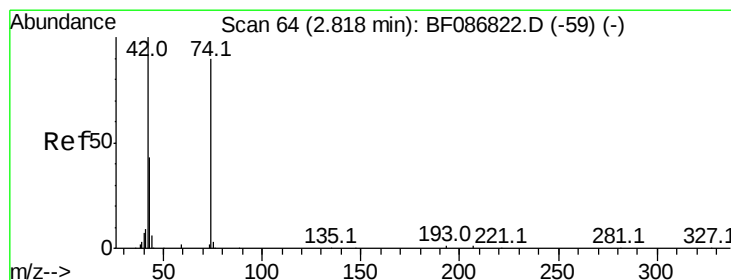
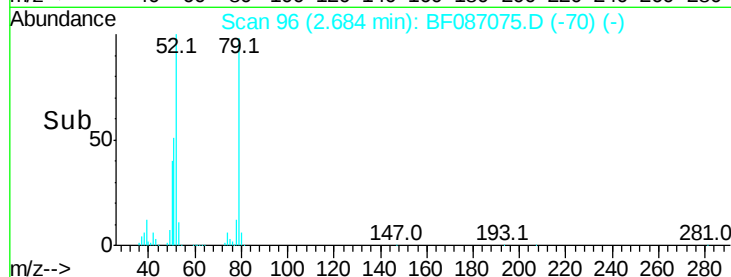
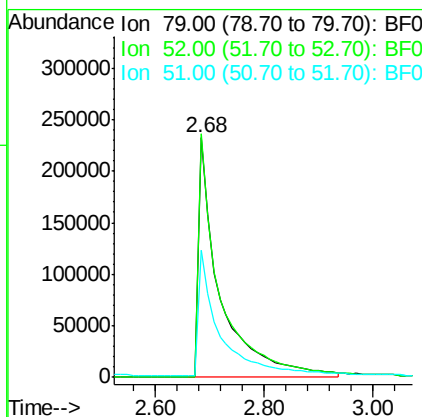
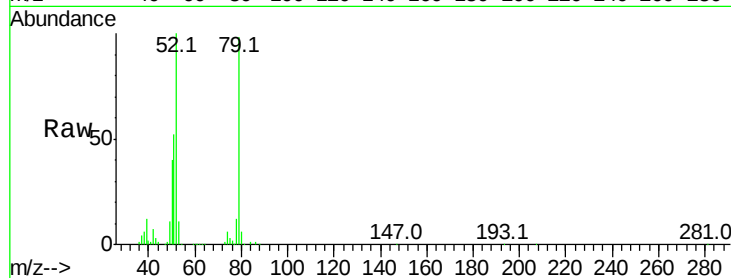
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
52	101.6	55.9	83.9#
51	52.9	28.1	42.1#

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#4

n-Nitrosodimethylamine

Concen: 45.48 ng

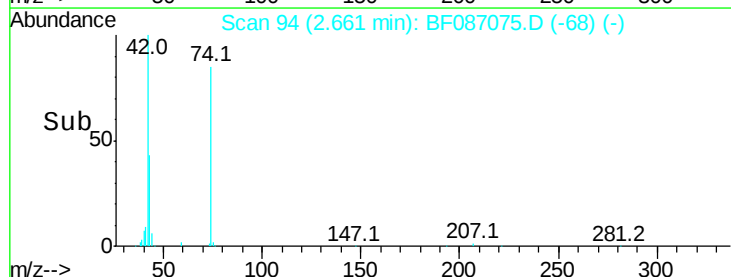
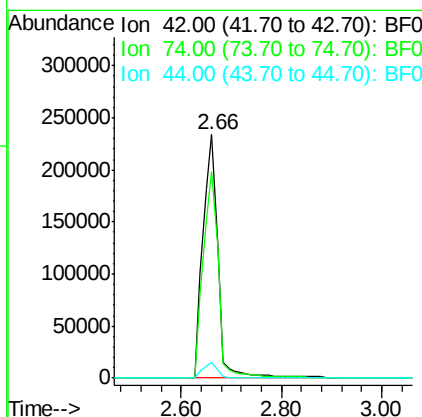
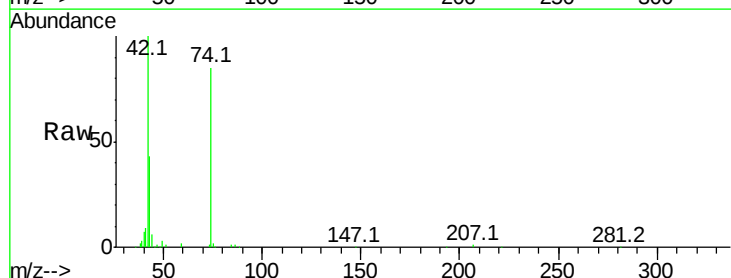
RT: 2.66 min Scan# 94

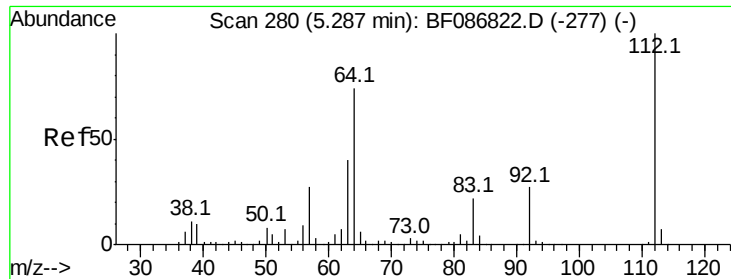
Delta R.T. 0.00 min

Lab File: BF087075.D

Acq: 16 May 2016 12:10

Tgt Ion	Ratio	Lower	Upper
42	100		
74	84.7	123.4	185.0#
44	6.4	5.8	8.6





#5

2-Fluorophenol

Concen: 87.88 ng

RT: 5.20 min Scan# 316

Delta R.T. 0.00 min

Lab File: BF087075.D

Acq: 16 May 2016 12:10

Instrument :

BNA_F

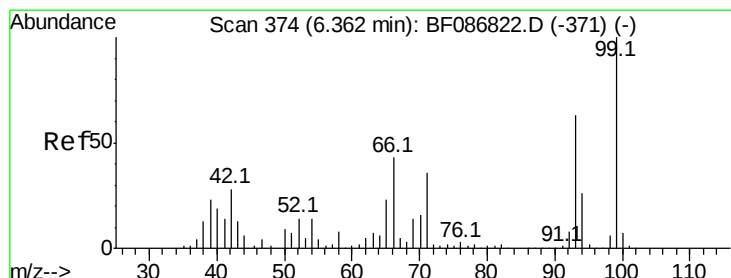
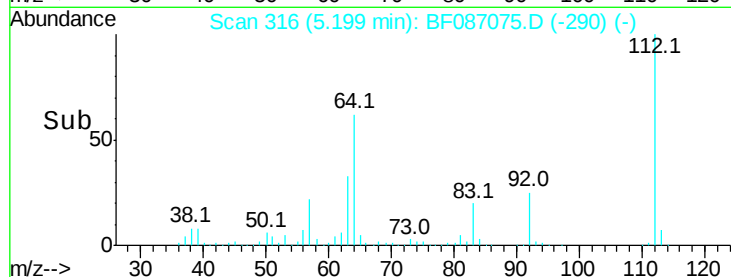
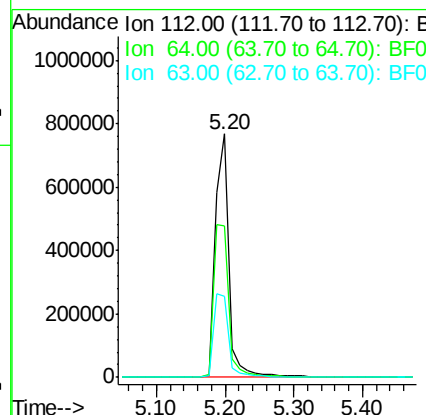
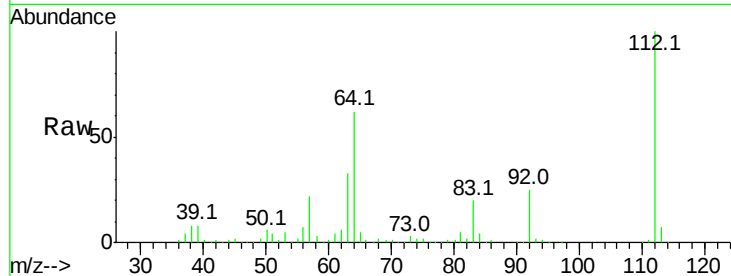
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	1079706
Ion	Ratio	Lower	Upper
112	100		
64	62.3	52.1	78.1
63	33.5	25.7	38.5

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#6

Aniline

Concen: 43.13 ng

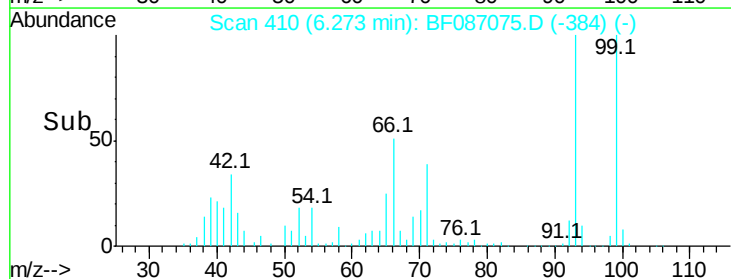
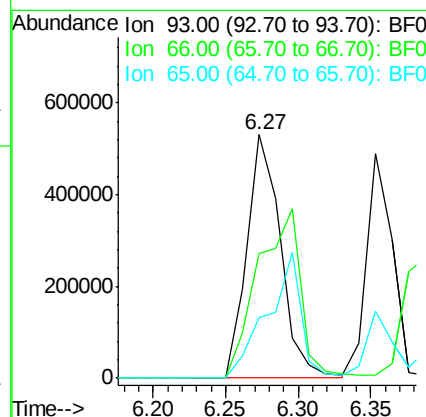
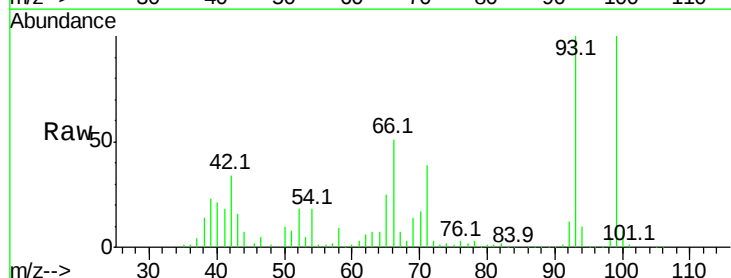
RT: 6.27 min Scan# 410

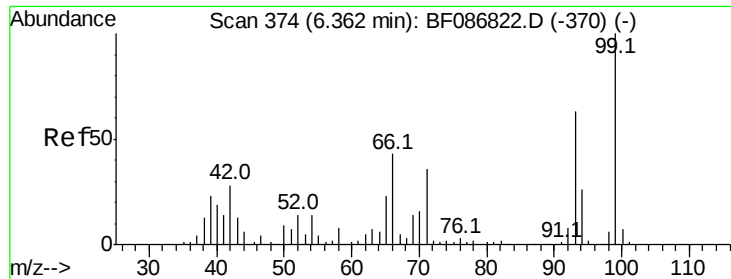
Delta R.T. 0.00 min

Lab File: BF087075.D

Acq: 16 May 2016 12:10

Tgt Ion:	93	Resp:	856524
Ion	Ratio	Lower	Upper
93	100		
66	51.3	39.0	58.6
65	24.9	20.6	31.0





#7

Phenol-d6

Concen: 77.84 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF087075.D

Acq: 16 May 2016 12:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1278216

Ion Ratio Lower Upper

99 100

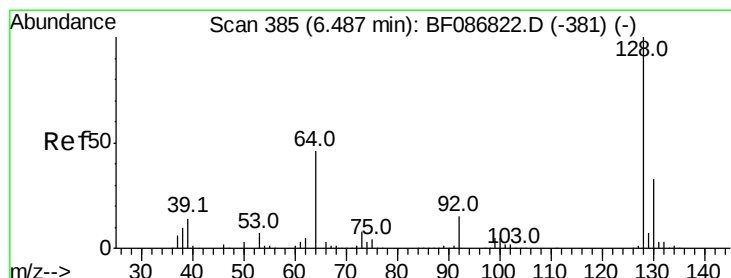
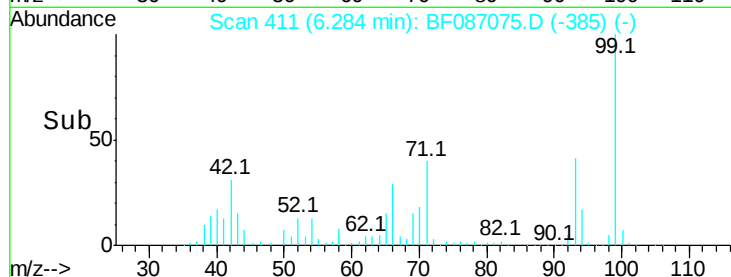
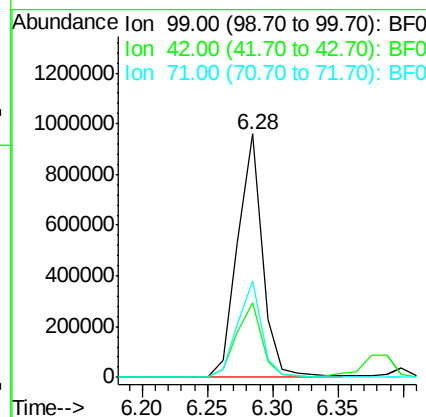
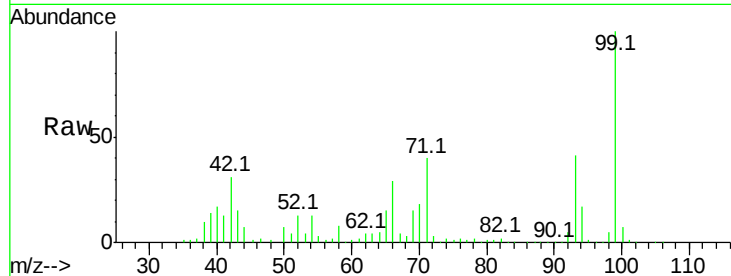
42 30.8 13.6 20.4#

71 39.8 24.6 36.8#

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#8

2-Chlorophenol

Concen: 40.27 ng

RT: 6.40 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF087075.D

Acq: 16 May 2016 12:10

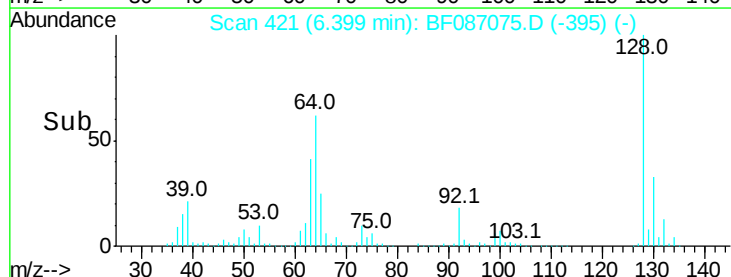
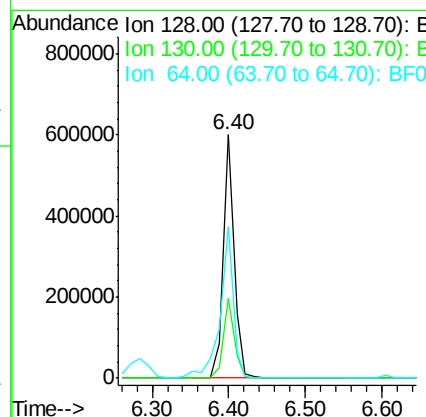
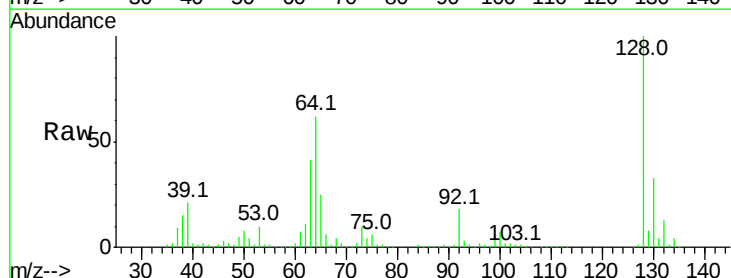
Tgt Ion:128 Resp: 597049

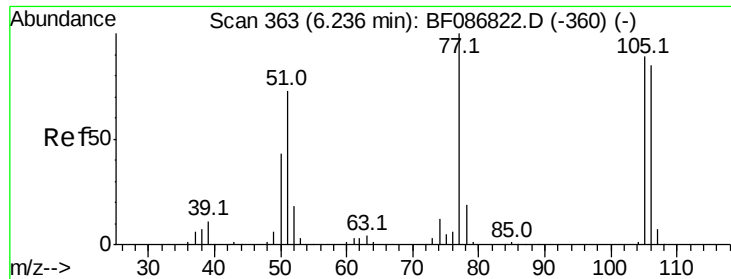
Ion Ratio Lower Upper

128 100

130 32.7 12.5 52.5

64 62.2 27.3 67.3





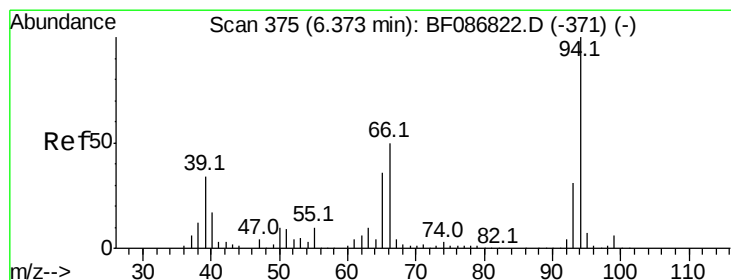
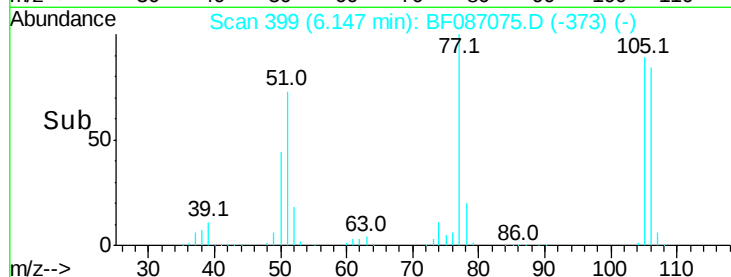
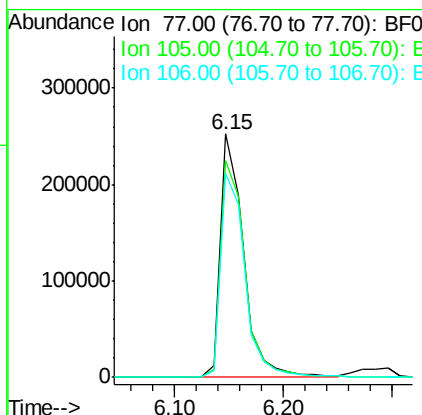
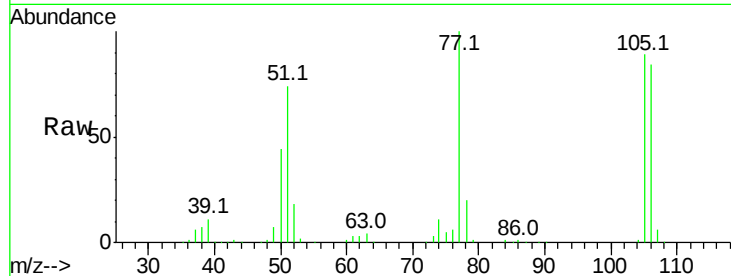
#9
Benzaldehyde
Concen: 39.23 ng
RT: 6.15 min Scan# 399
Delta R.T. 0.00 min
Lab File: BF087075.D
Acq: 16 May 2016 12:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
105	89.1	72.7	112.7
106	84.0	70.8	110.8

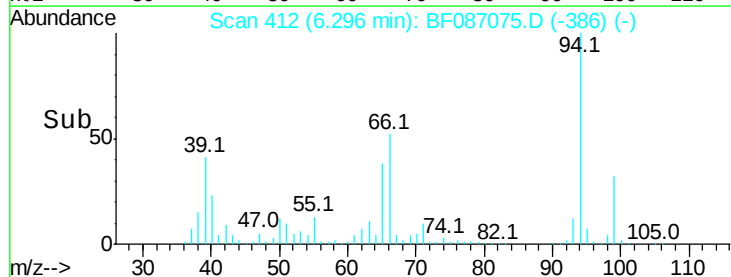
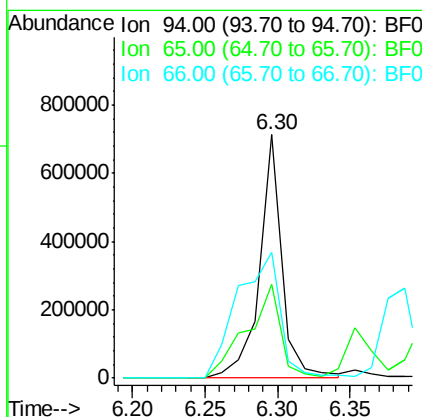
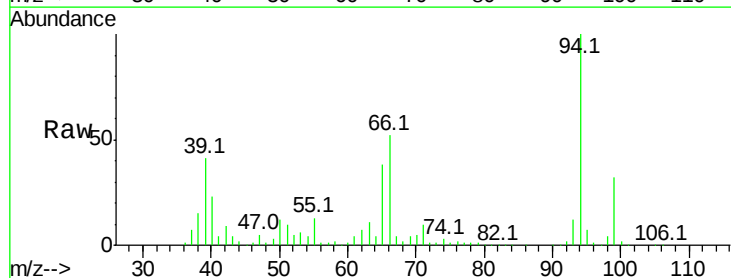
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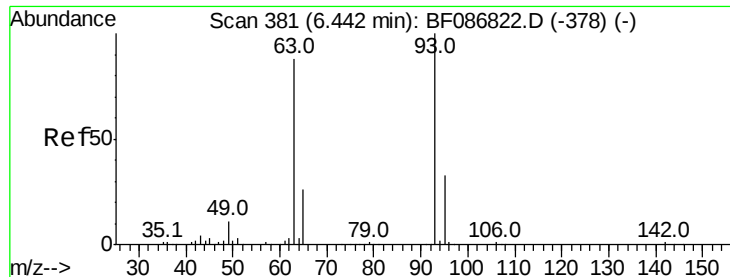
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#10
Phenol
Concen: 39.29 ng
RT: 6.30 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF087075.D
Acq: 16 May 2016 12:10

Tgt Ion	Ratio	Lower	Upper
94	100		
65	38.3	7.2	47.2
66	51.7	14.9	54.9





#11

bis(2-Chloroethyl)ether

Concen: 38.47 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF087075.D

Acq: 16 May 2016 12:10

Instrument :

BNA_F

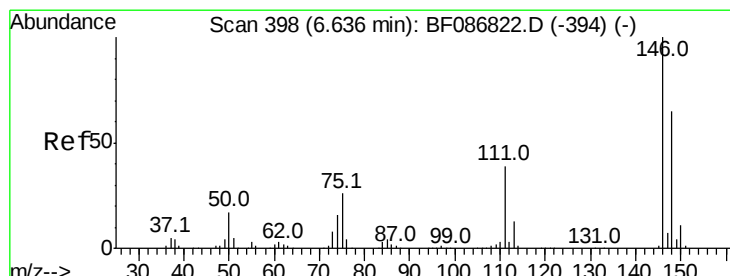
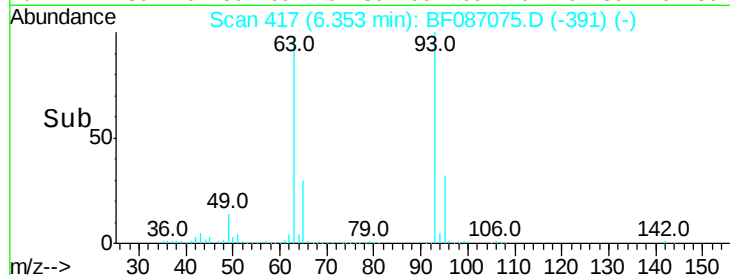
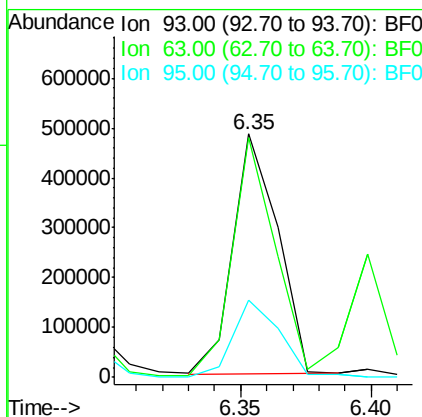
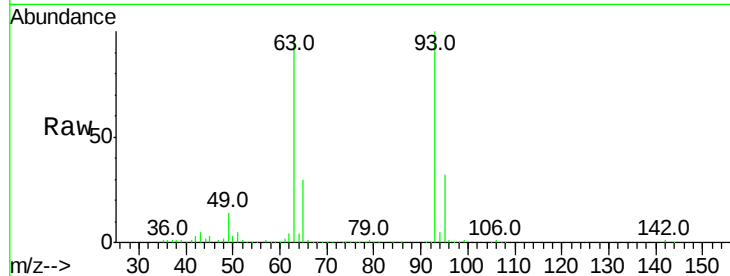
ClientSampleId :

SSTDCCC040

Tot Ion:	93	Resp:	585376
Ion Ratio	Lower	Upper	
93	100		
63	98.4	58.0	98.0#
95	31.6	11.9	51.9

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#12

1,3-Dichlorobenzene

Concen: 41.55 ng

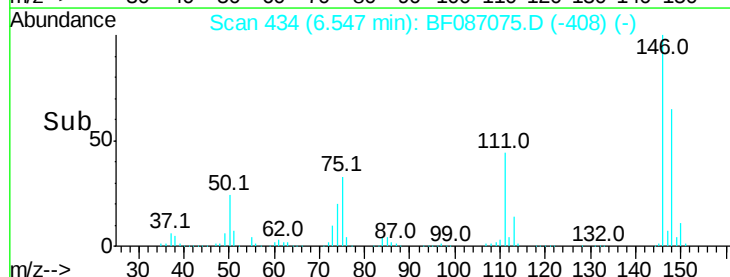
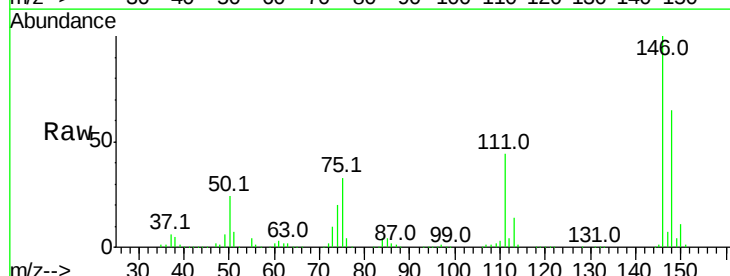
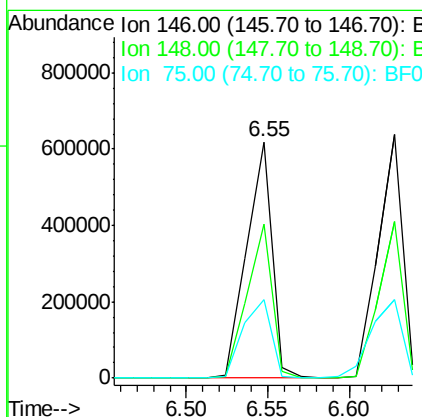
RT: 6.55 min Scan# 434

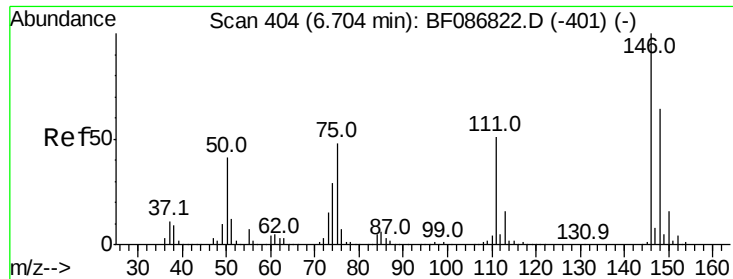
Delta R.T. 0.00 min

Lab File: BF087075.D

Acq: 16 May 2016 12:10

Tgt Ion:	146	Resp:	666600
Ion Ratio	Lower	Upper	
146	100		
148	65.0	52.4	78.6
75	33.0	22.8	34.2





#13

1,4-Dichlorobenzene

Concen: 41.29 ng

RT: 6.63 min Scan# 441

Delta R.T. 0.00 min

Lab File: BF087075.D

Acq: 16 May 2016 12:10

Instrument :

BNA_F

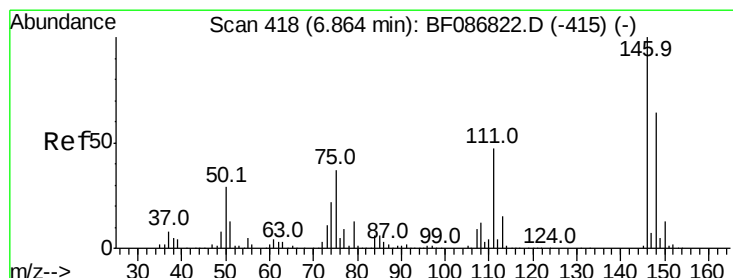
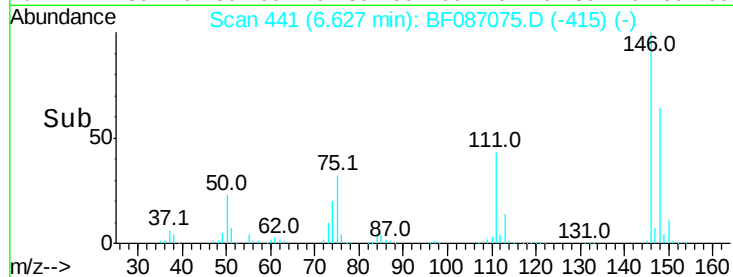
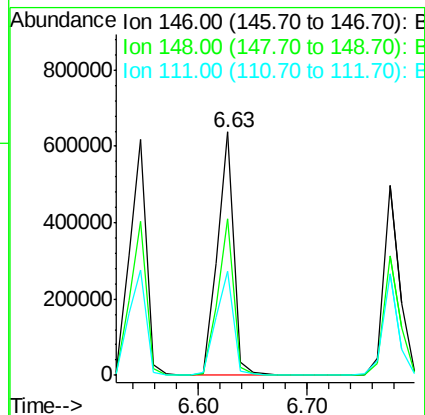
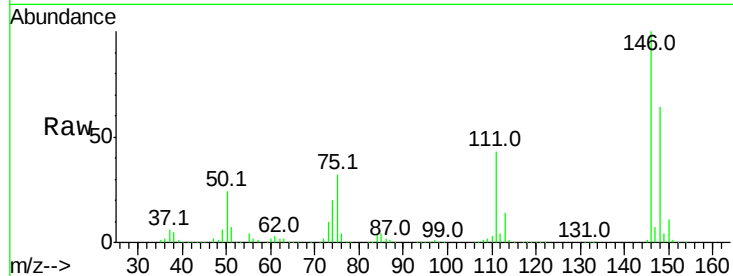
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	675558
Ion Ratio	Lower	Upper	
146	100		
148	64.5	52.2	78.4
111	42.6	30.7	46.1

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#14

1,2-Dichlorobenzene

Concen: 36.43 ng

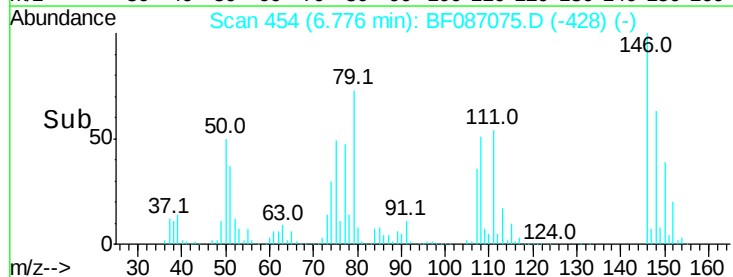
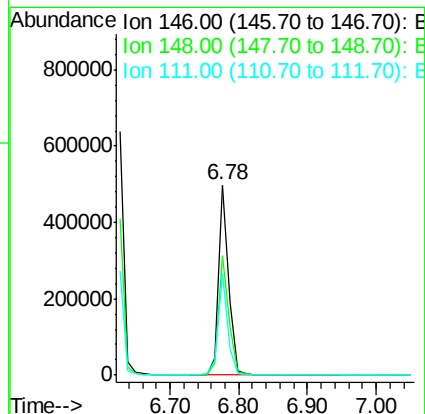
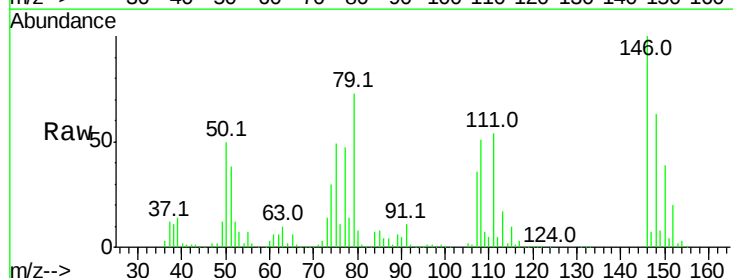
RT: 6.78 min Scan# 454

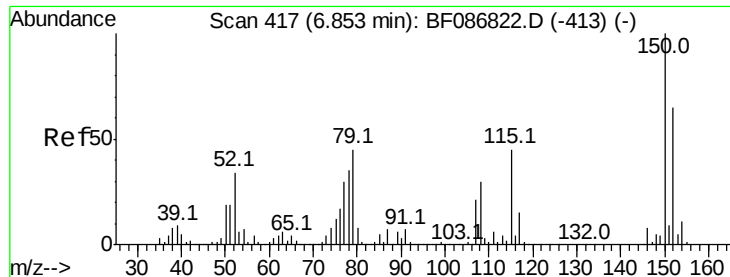
Delta R.T. 0.00 min

Lab File: BF087075.D

Acq: 16 May 2016 12:10

Tgt Ion:	146	Resp:	519425
Ion Ratio	Lower	Upper	
146	100		
148	63.0	51.0	76.6
111	53.7	36.2	54.4





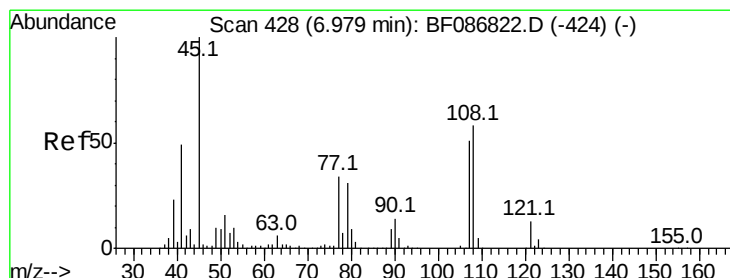
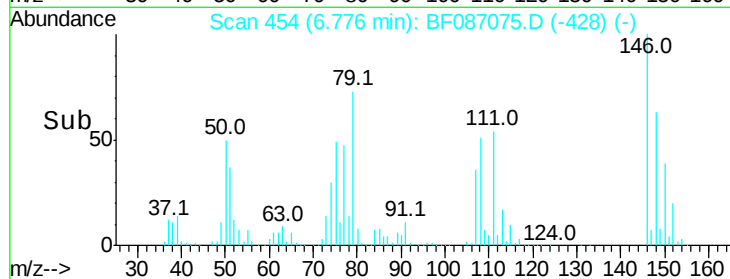
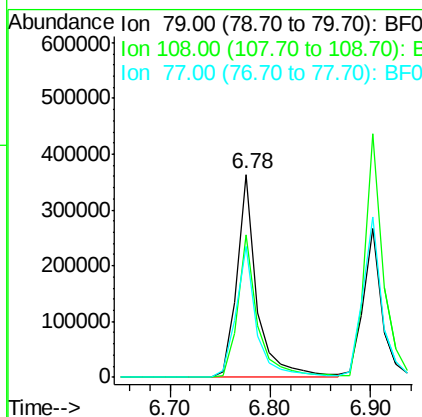
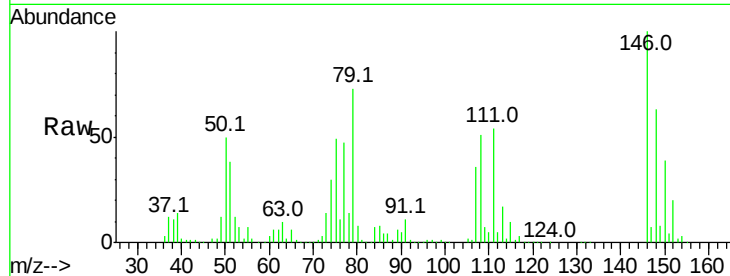
#15
Benzyl Alcohol
Concen: 44.82 ng
RT: 6.78 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF087075.D
Acq: 16 May 2016 12:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	70.3	68.4	102.6
77	64.5	50.6	76.0

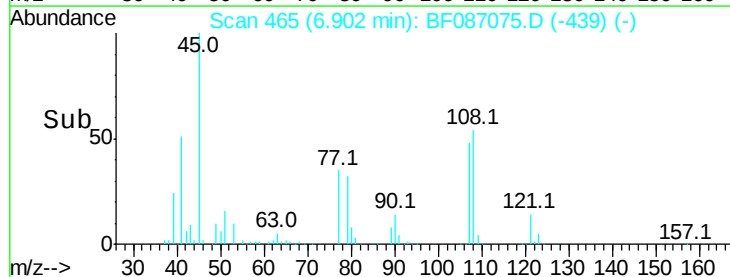
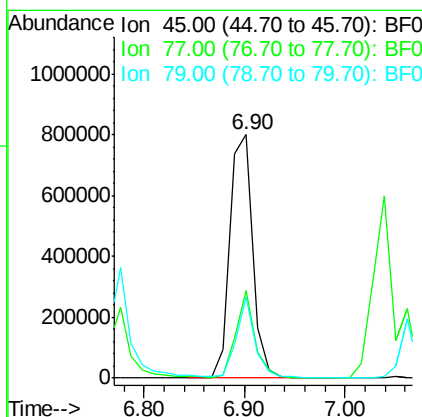
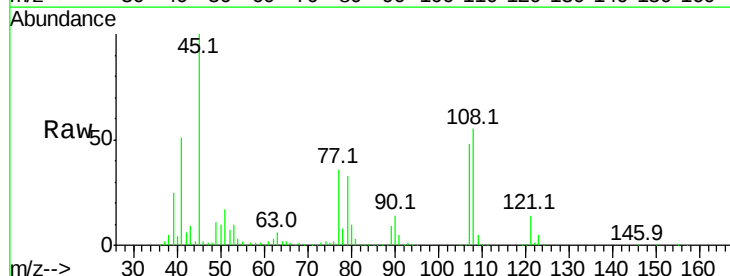
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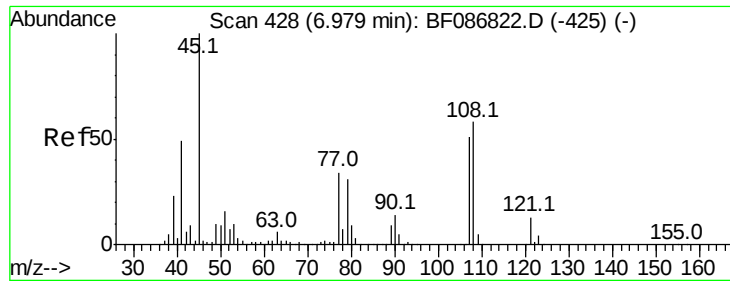
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.13 ng
RT: 6.90 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF087075.D
Acq: 16 May 2016 12:10

Tgt Ion	Ratio	Lower	Upper
45	100		
77	35.9	0.0	36.4
79	33.3	0.0	33.4





#17

2-Methylphenol

Concen: 41.38 ng/ml

RT: 6.90 min Scan# 465

Delta R.T. -0.16 min

Lab File: BF087075.D

Acq: 16 May 2016 12:10

Instrument :

BNA_F

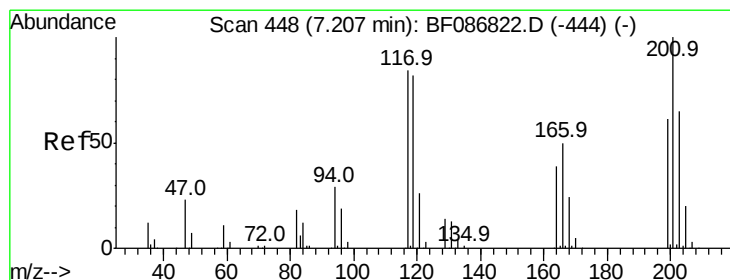
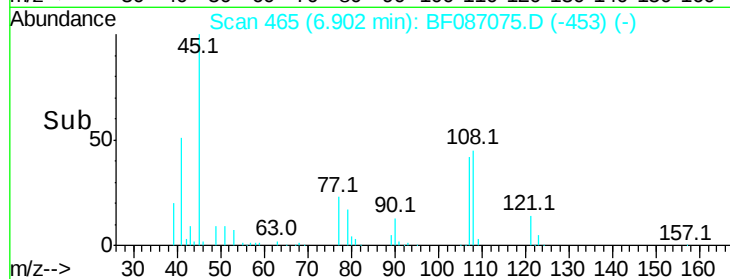
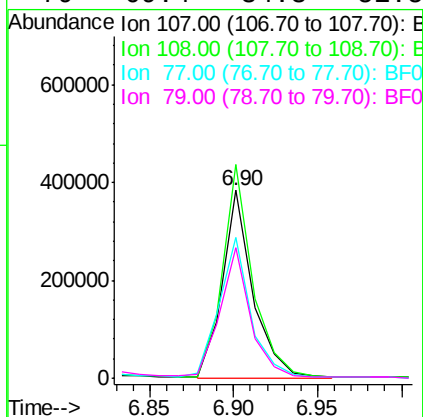
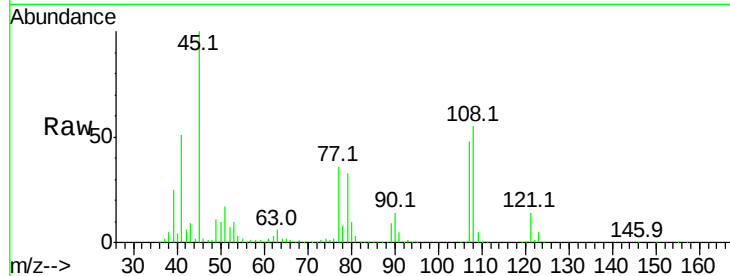
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.7	93.7	140.5	
77	75.0	33.4	50.0#	
79	69.4	34.3	51.5#	

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#18

Hexachloroethane

Concen: 43.10 ng/ml

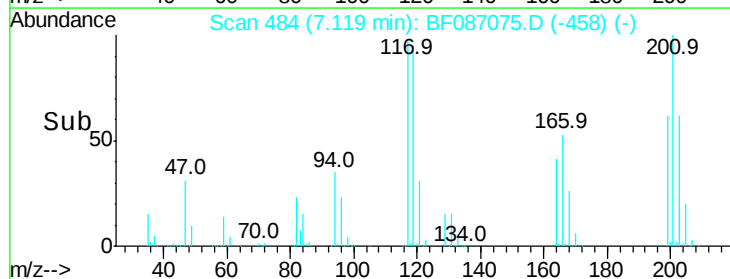
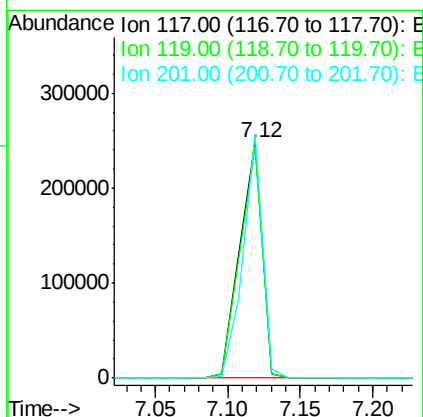
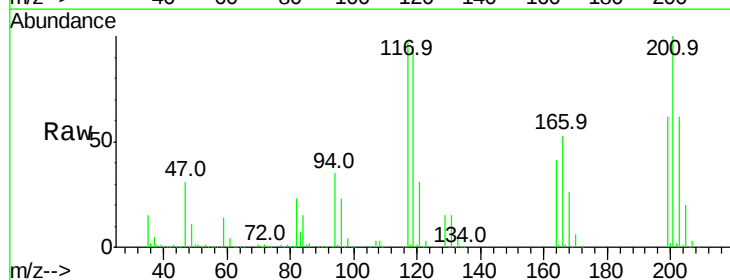
RT: 7.12 min Scan# 484

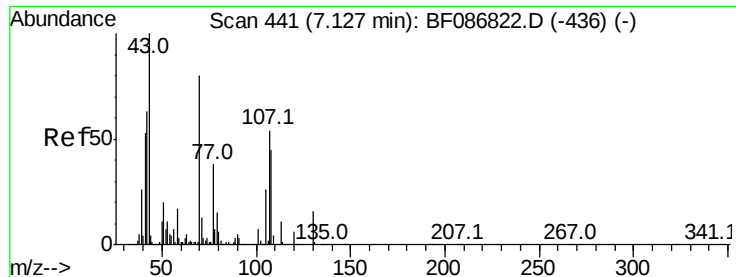
Delta R.T. 0.00 min

Lab File: BF087075.D

Acq: 16 May 2016 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.9	76.5	114.7	
201	103.4	63.0	94.6#	





#19

n-Nitroso-di-n-propylamine

Concen: 43.66 ng/ml

RT: 7.05 min Scan# 478

Delta R.T. -0.14 min

Lab File: BF087075.D

Acq: 16 May 2016 12:10

Instrument :

BNA_F

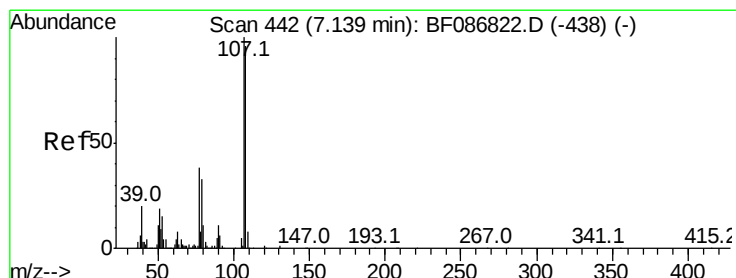
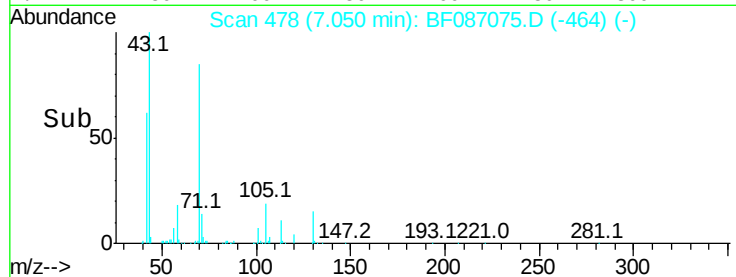
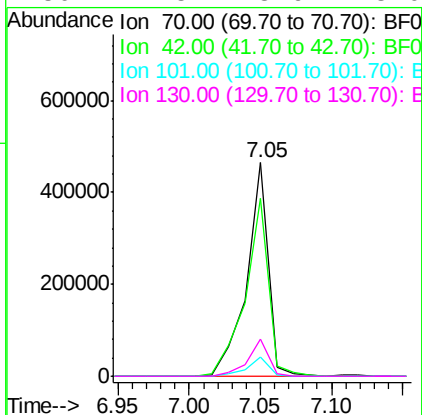
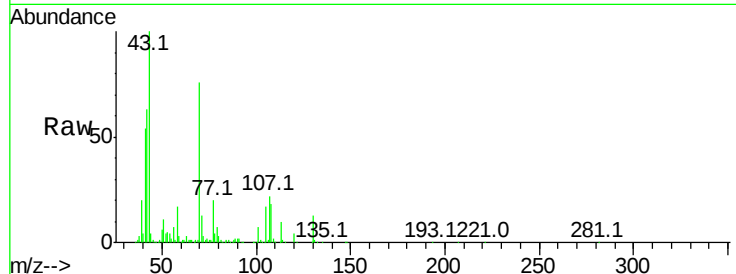
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	83.1	43.1	64.7#
101	8.8	8.1	12.1
130	17.5	18.6	28.0#

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#20

3+4-Methylphenols

Concen: 41.97 ng/ml

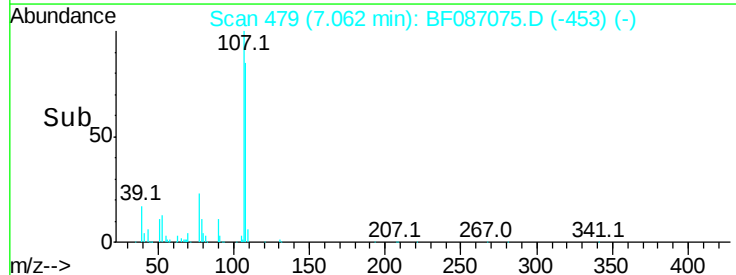
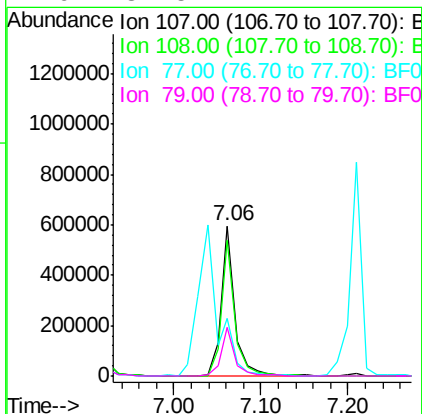
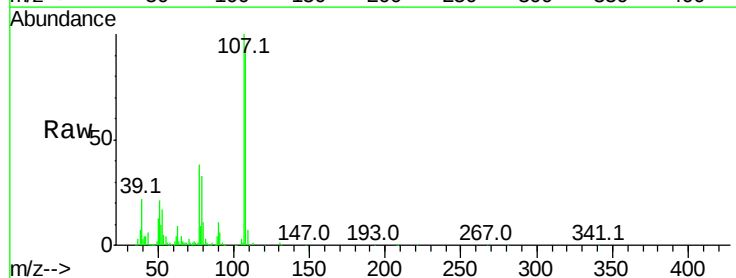
RT: 7.06 min Scan# 479

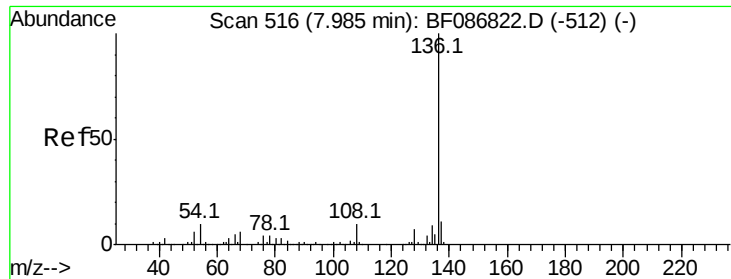
Delta R.T. 0.00 min

Lab File: BF087075.D

Acq: 16 May 2016 12:10

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.6	68.5	108.5
77	38.3	101.6	141.6#
79	32.5	7.4	47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 552

Delta R.T. 0.00 min

Lab File: BF087075.D

Acq: 16 May 2016 12:10

Instrument :

BNA_F

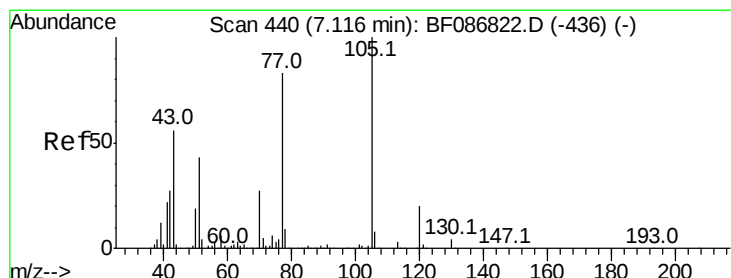
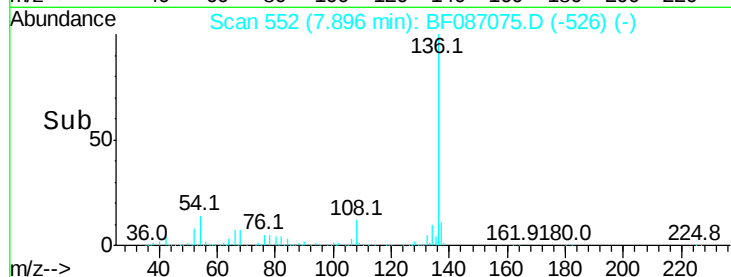
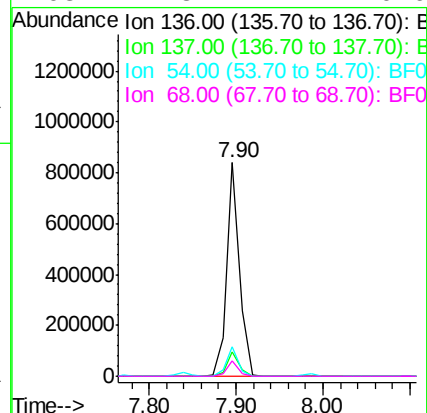
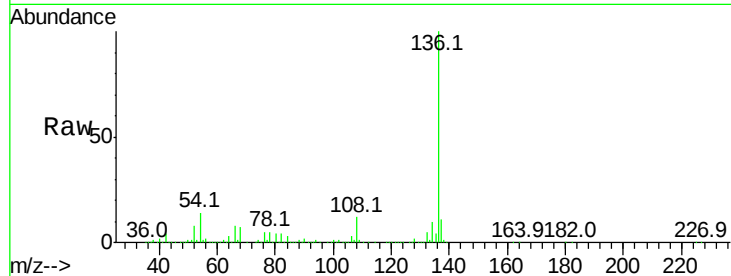
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	864683		
137	11.3	8.8	13.2	
54	14.1	5.0	7.4#	
68	7.3	4.4	6.6#	

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#22

Acetophenone

Concen: 42.74 ng

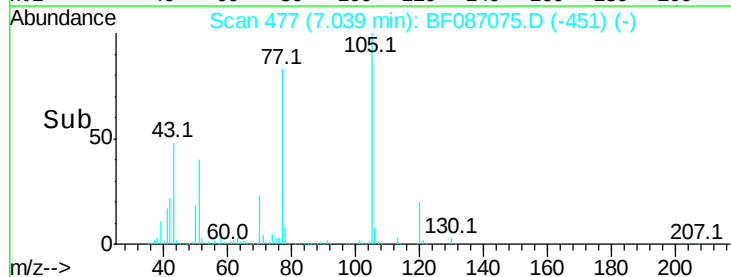
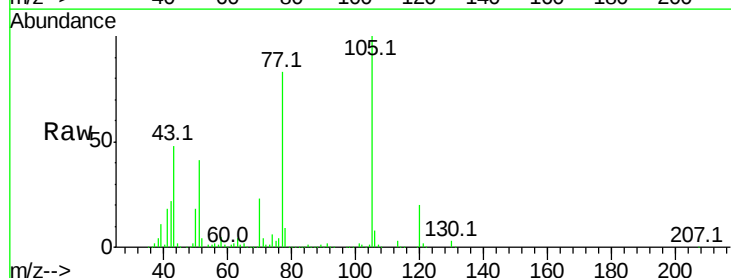
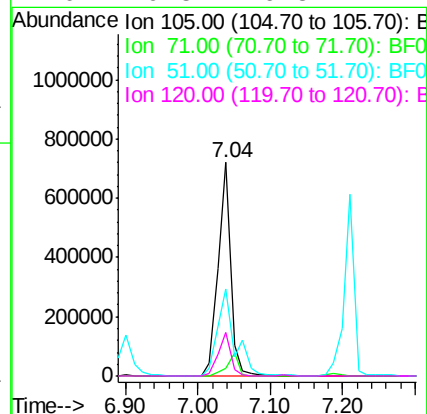
RT: 7.04 min Scan# 477

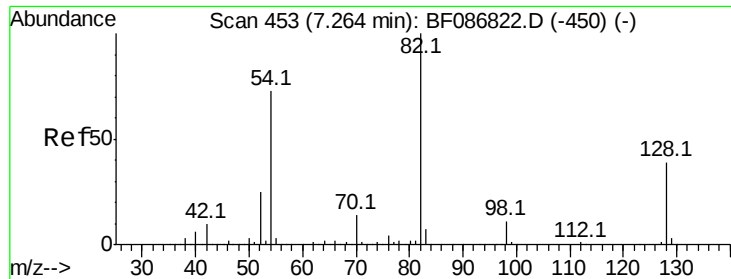
Delta R.T. 0.00 min

Lab File: BF087075.D

Acq: 16 May 2016 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	872821		
71	3.9	4.8	7.2#	
51	40.7	32.6	49.0	
120	20.5	16.5	24.7	





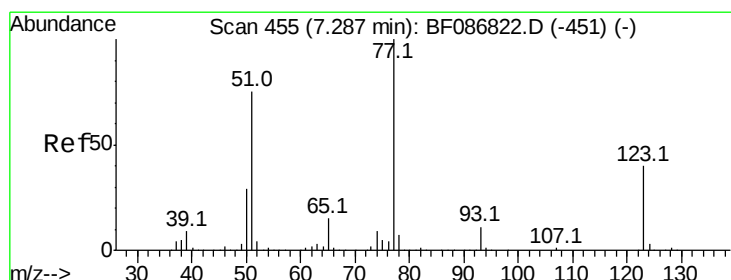
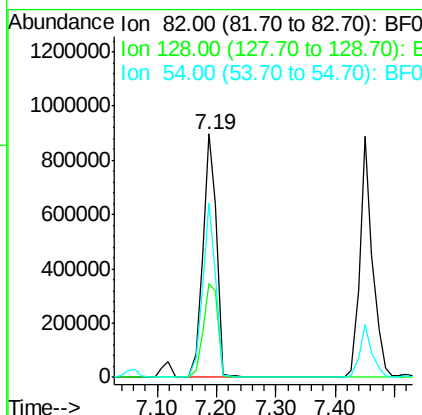
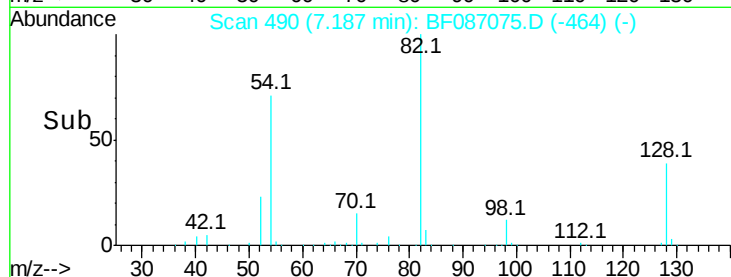
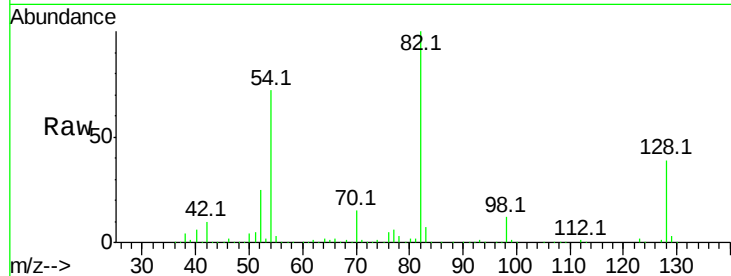
#23
 Nitrobenzene-d5
 Concen: 83.73 ng
 RT: 7.19 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: BF087075.D
 Acq: 16 May 2016 12:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.7	40.6	61.0#
54	71.8	38.1	57.1#

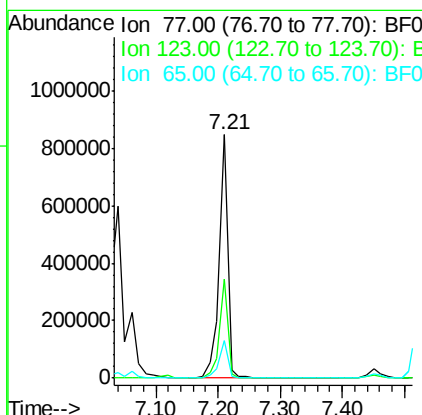
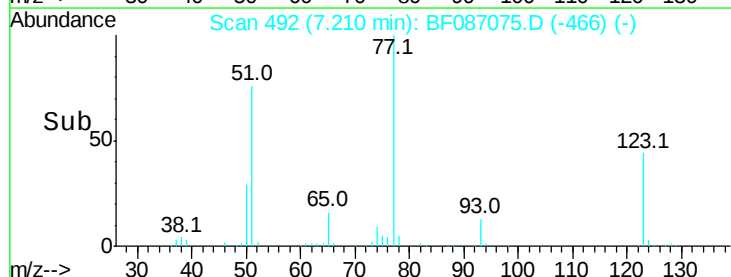
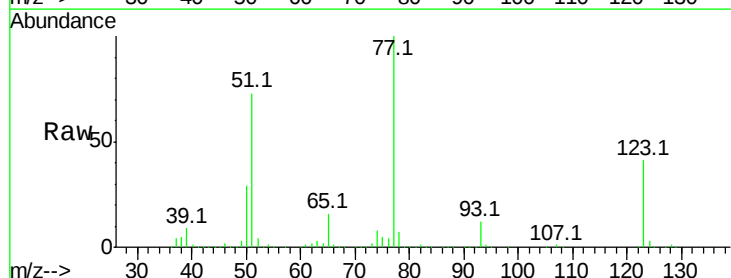
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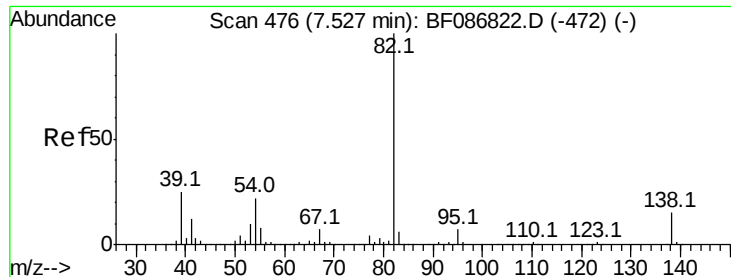
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#24
 Nitrobenzene
 Concen: 44.63 ng
 RT: 7.21 min Scan# 492
 Delta R.T. 0.00 min
 Lab File: BF087075.D
 Acq: 16 May 2016 12:10

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.7	33.0	49.4
65	15.5	10.8	16.2





#25

Isophorone

Concen: 40.84 ng

RT: 7.45 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF087075.D

Acq: 16 May 2016 12:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1304924

Ion Ratio Lower Upper

82 100

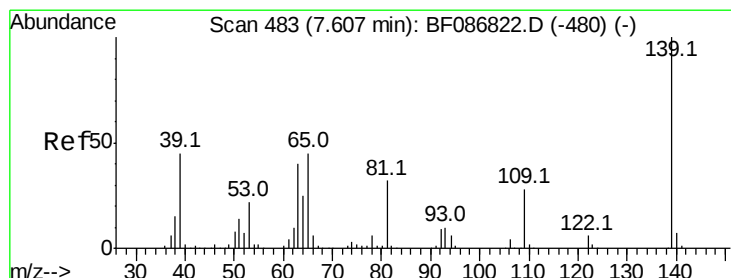
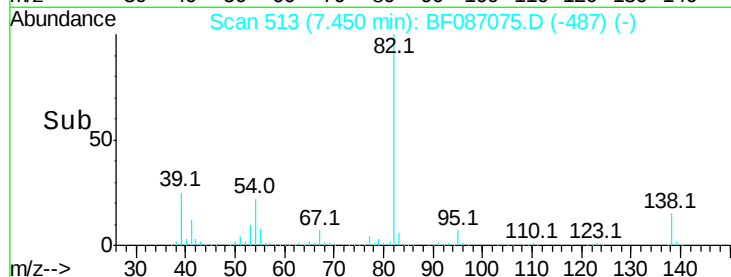
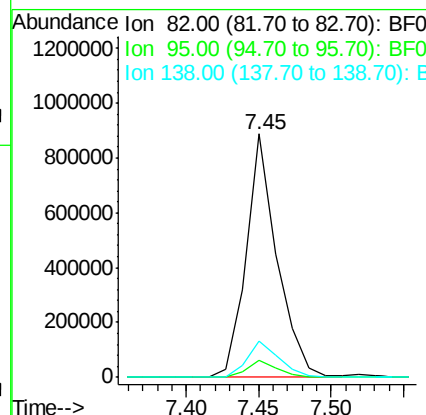
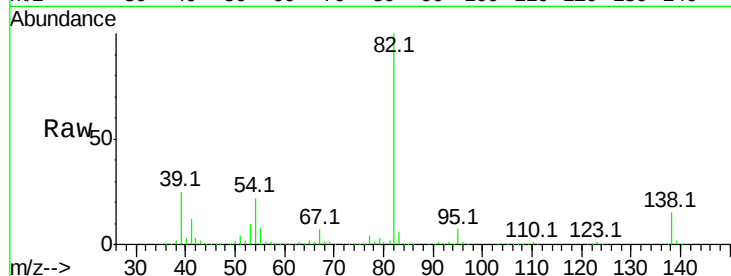
95 7.2 5.1 7.7

138 14.8 12.4 18.6

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#26

2-Nitrophenol

Concen: 39.87 ng

RT: 7.52 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF087075.D

Acq: 16 May 2016 12:10

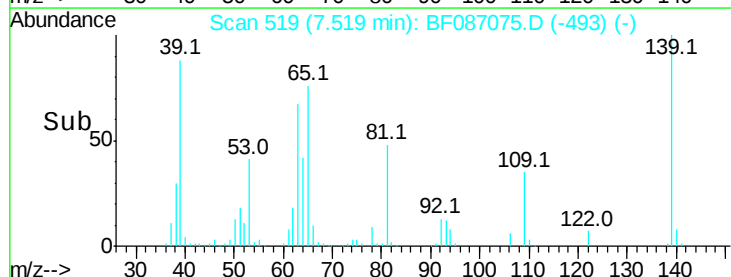
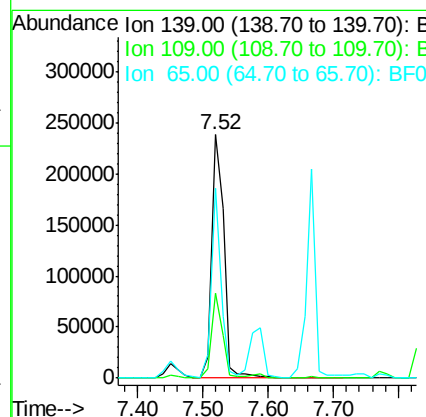
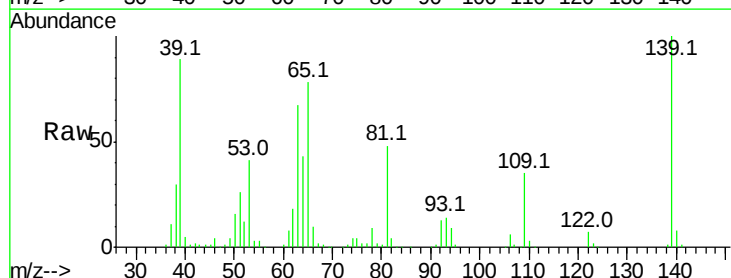
Tgt Ion: 139 Resp: 310414

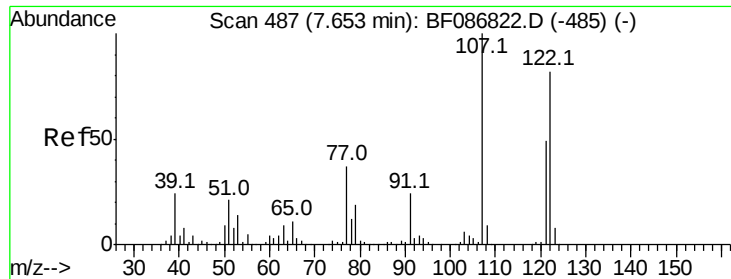
Ion Ratio Lower Upper

139 100

109 34.9 19.5 29.3#

65 78.1 37.5 56.3#





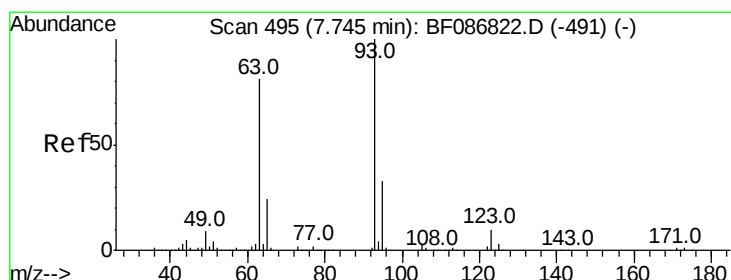
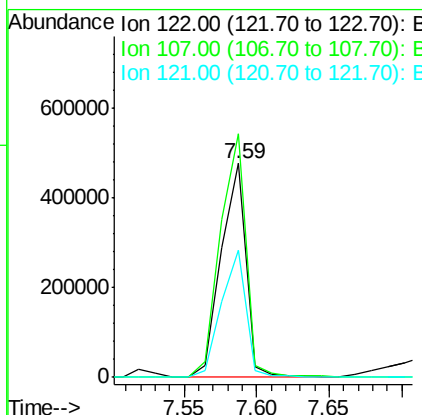
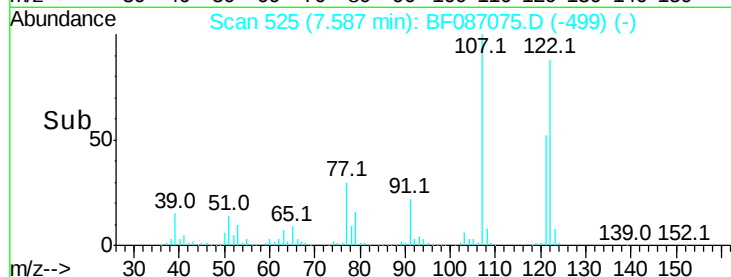
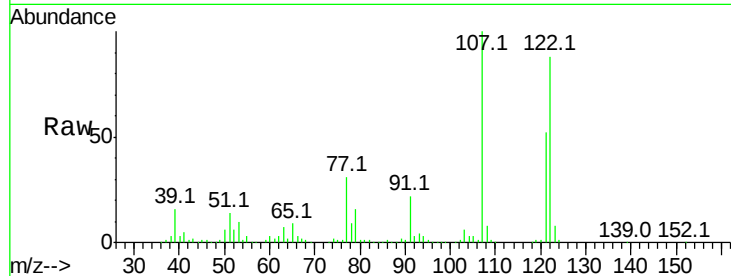
#27
 2,4-Dimethylphenol
 Concen: 43.19 ng
 RT: 7.59 min Scan# 525
 Delta R.T. 0.00 min
 Lab File: BF087075.D
 Acq: 16 May 2016 12:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	572943		
107	113.7	82.0	123.0	
121	59.5	46.1	69.1	

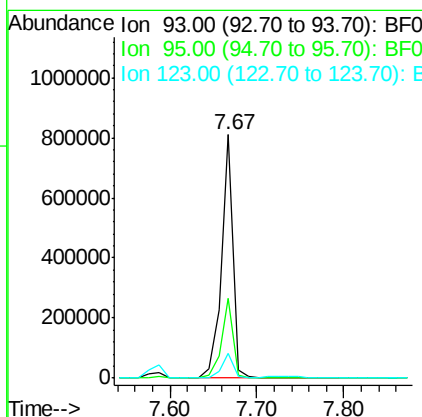
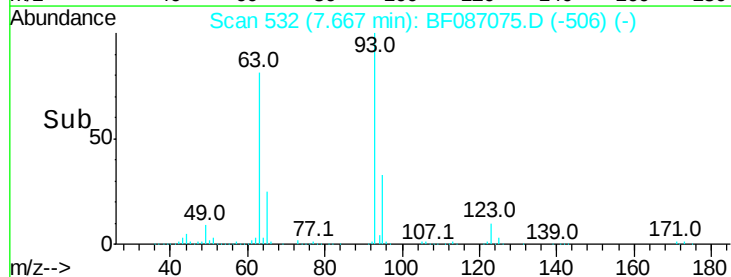
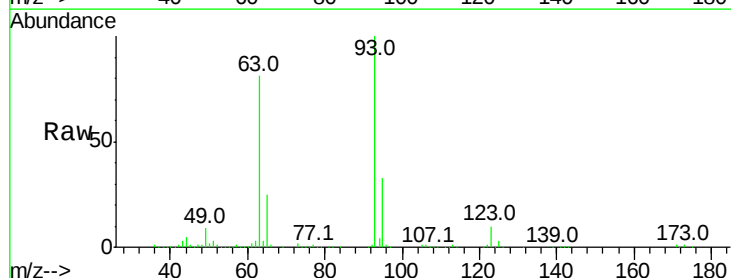
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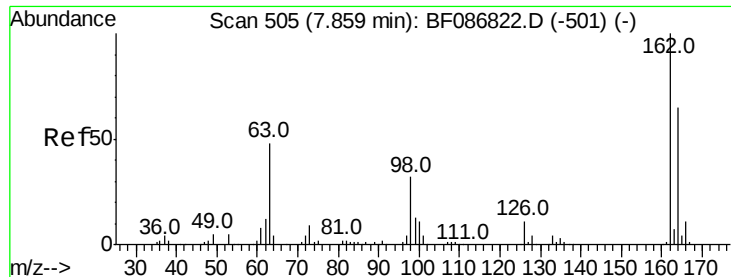
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#28
 bis(2-Chloroethoxy)methane
 Concen: 44.32 ng
 RT: 7.67 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: BF087075.D
 Acq: 16 May 2016 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	763829		
95	32.9	26.0	39.0	
123	10.0	9.5	14.3	





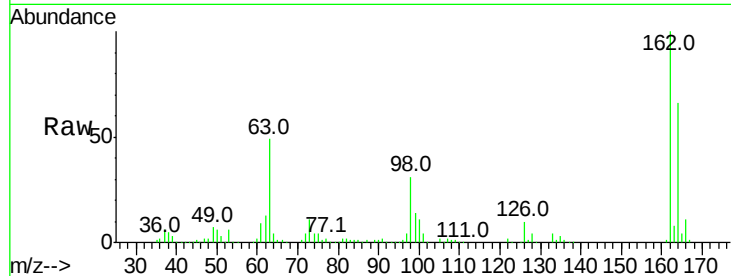
#29
 2,4-Dichlorophenol
 Concen: 40.66 ng
 RT: 7.78 min Scan# 542
 Delta R.T. 0.00 min
 Lab File: BF087075.D
 Acq: 16 May 2016 12:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

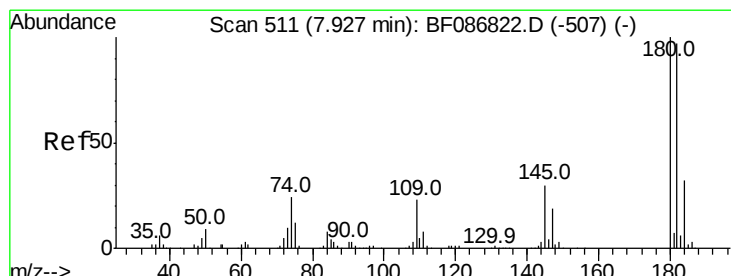
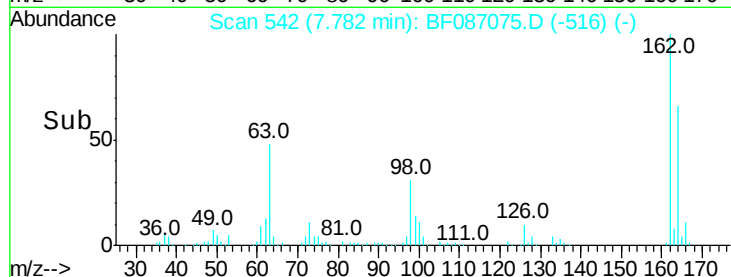
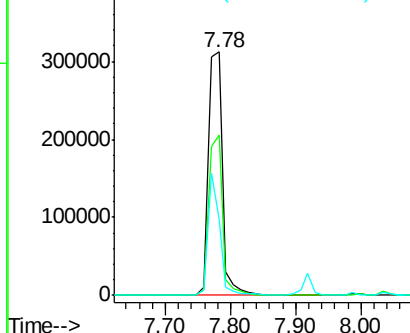
Tot Ion:	162	Resp:	474686
Ion Ratio	Lower	Upper	
162	100		
164	66.1	42.2	82.2
98	31.1	19.0	59.0

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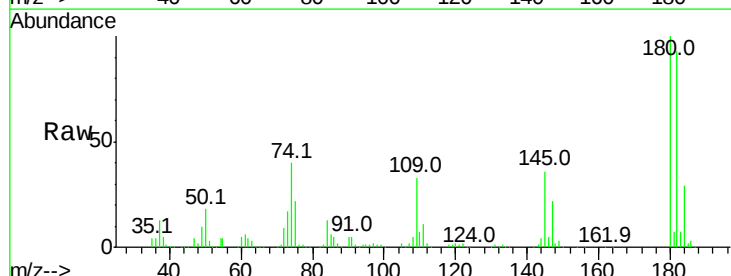


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

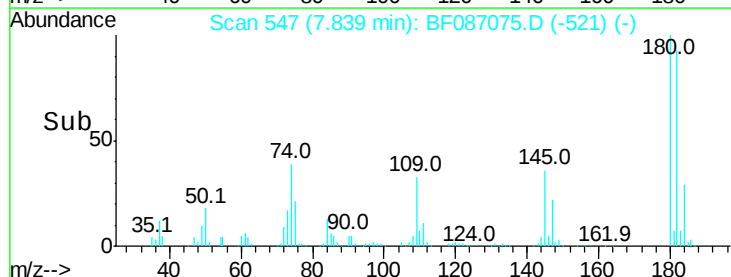
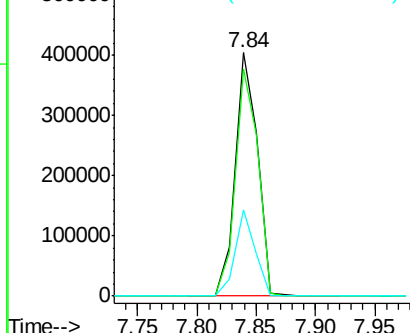


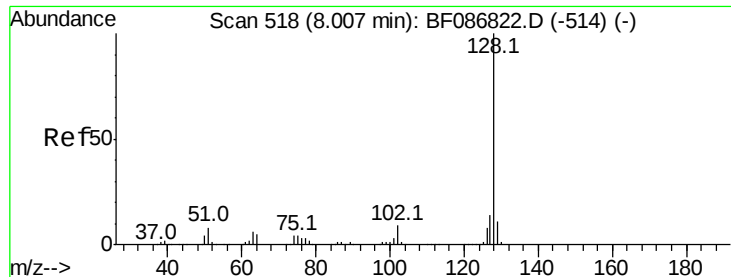
#30
 1,2,4-Trichlorobenzene
 Concen: 40.38 ng
 RT: 7.84 min Scan# 547
 Delta R.T. 0.00 min
 Lab File: BF087075.D
 Acq: 16 May 2016 12:10

Tgt Ion:	180	Resp:	527144
Ion Ratio	Lower	Upper	
180	100		
182	93.4	78.0	117.0
145	35.5	24.2	36.2



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





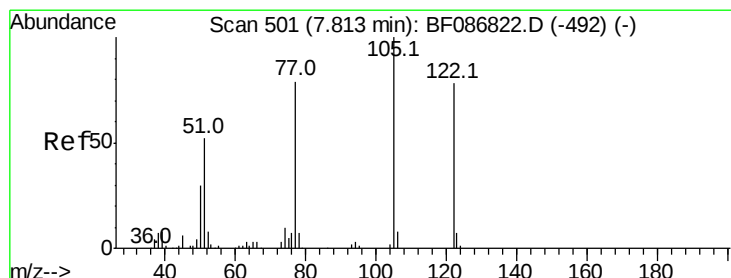
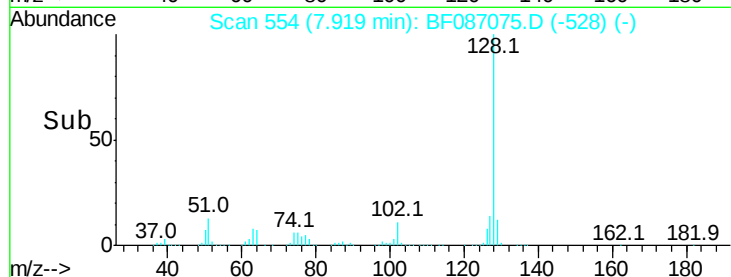
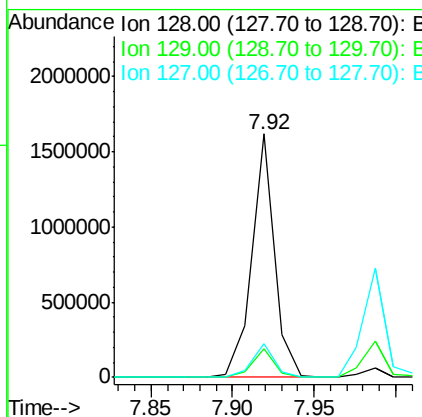
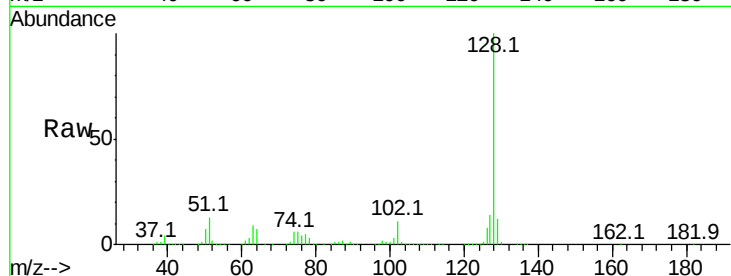
#31
Naphthalene
Concen: 36.18 ng
RT: 7.92 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF087075.D
Acq: 16 May 2016 12:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.6	13.0
127	14.0	10.8	16.2

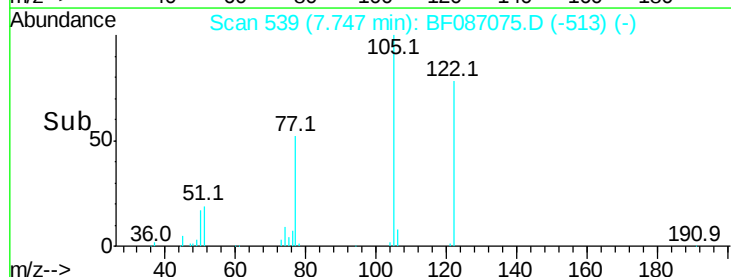
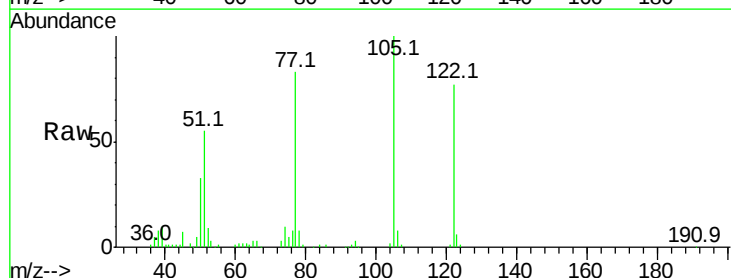
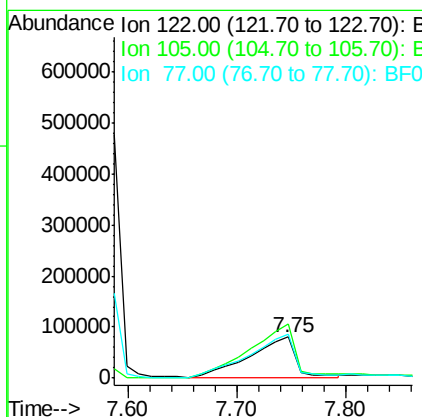
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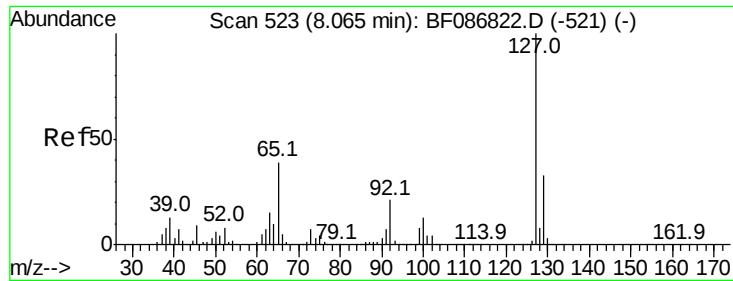
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#32
Benzoic acid
Concen: 29.62 ng
RT: 7.75 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF087075.D
Acq: 16 May 2016 12:10

Tgt Ion	Ratio	Lower	Upper
122	100		
105	130.6	92.6	132.6
77	107.8	60.0	100.0#





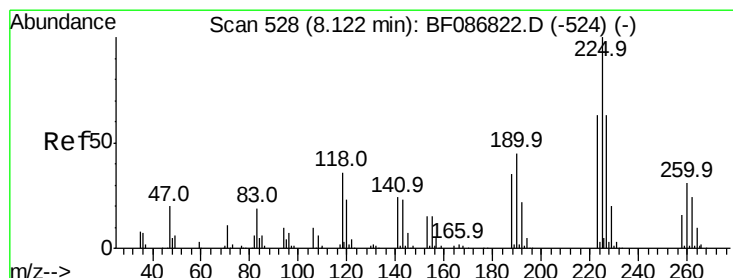
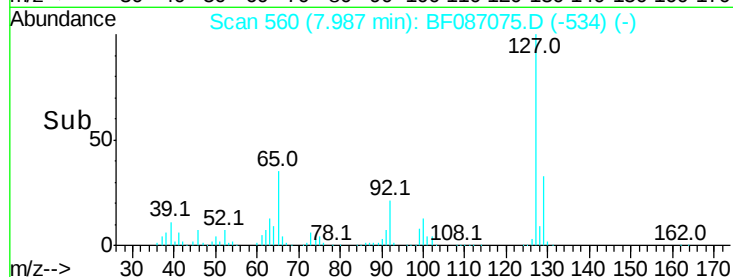
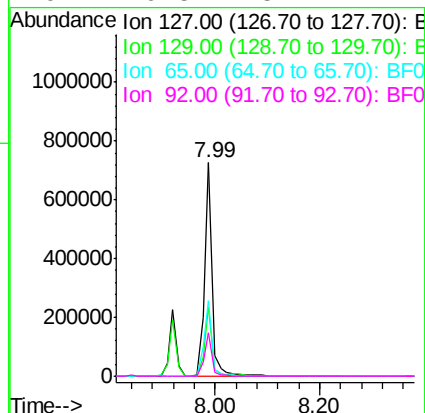
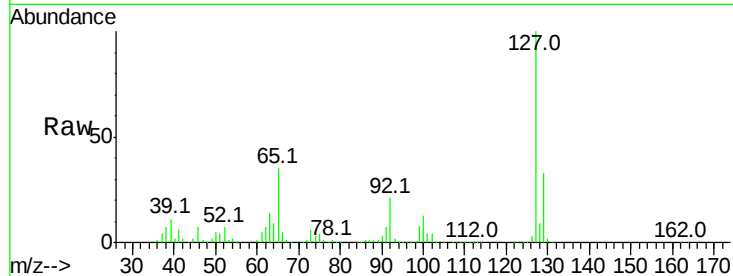
#33
4-Chloroaniline
Concen: 43.65 ng
RT: 7.99 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF087075.D
Acq: 16 May 2016 12:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.6	26.2	39.4		
65	35.3	23.0	34.4		
92	20.5	15.1	22.7		

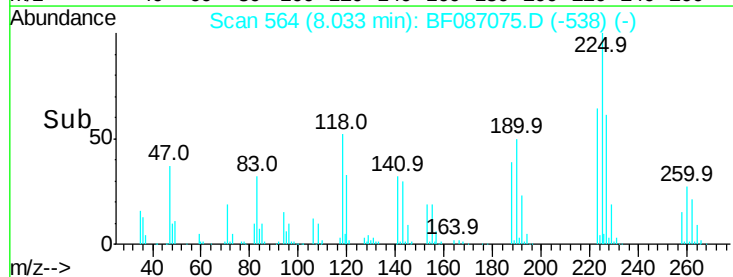
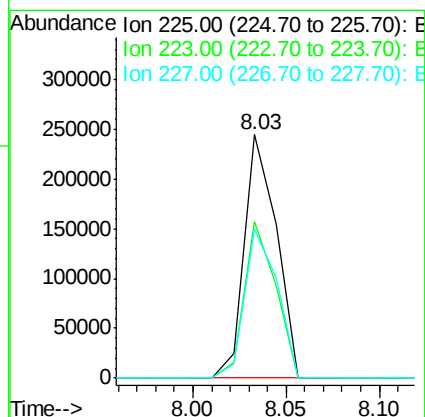
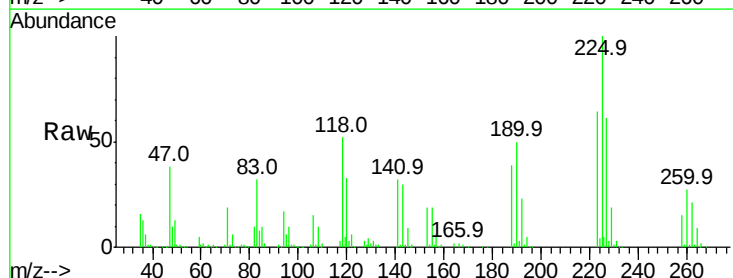
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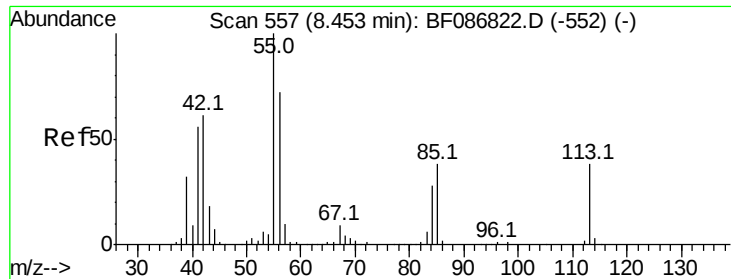
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#34
Hexachlorobutadiene
Concen: 38.45 ng
RT: 8.03 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF087075.D
Acq: 16 May 2016 12:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.1	51.5	77.3		
227	61.4	52.2	78.2		





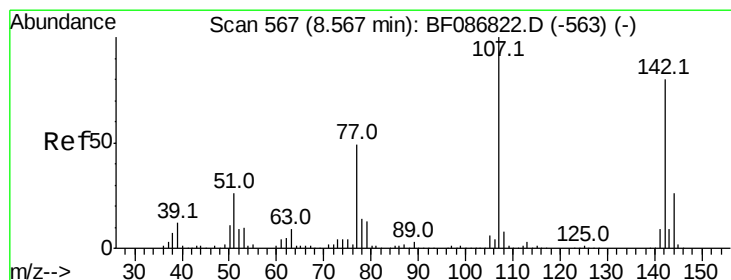
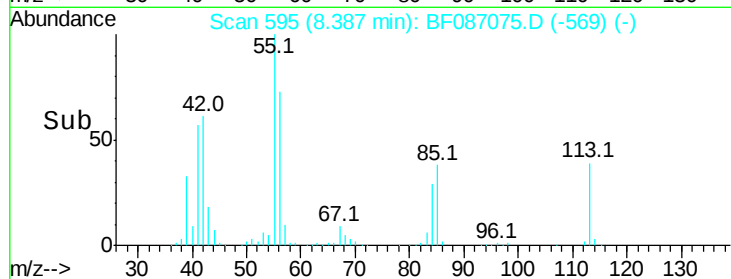
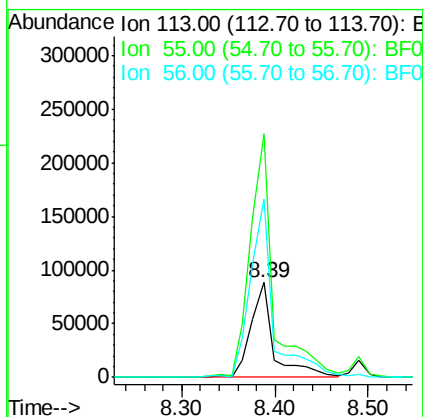
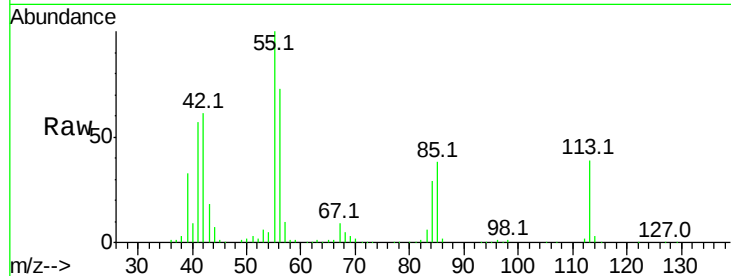
#35
 Caprolactam
 Concen: 37.58 ng
 RT: 8.39 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: BF087075.D
 Acq: 16 May 2016 12:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	256.3	162.0	202.0#	
56	187.4	115.3	155.3#	

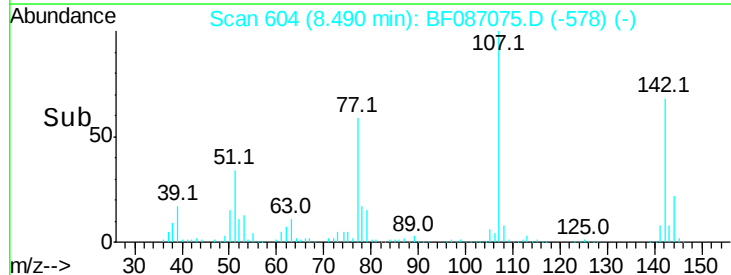
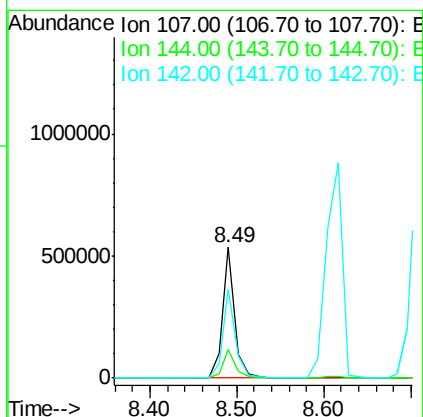
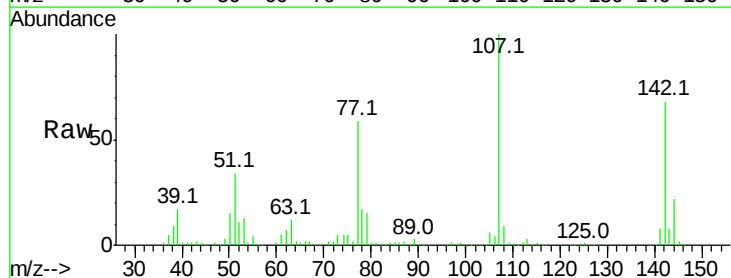
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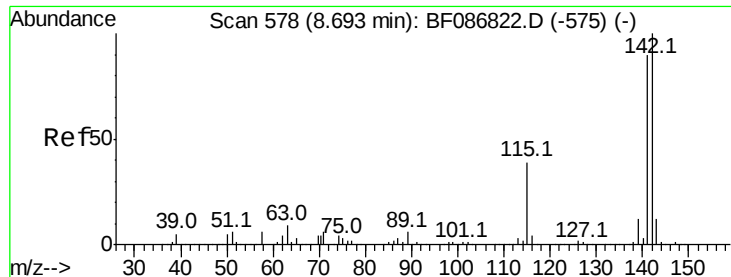
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#36
 4-Chloro-3-methylphenol
 Concen: 37.42 ng
 RT: 8.49 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BF087075.D
 Acq: 16 May 2016 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	21.9	20.7	31.1	
142	68.1	63.2	94.8	





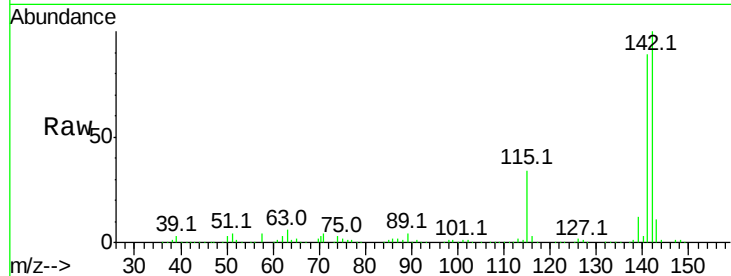
#37
2-Methylnaphthalene
Concen: 43.37 ng
RT: 8.62 min Scan# 615
Delta R.T. 0.00 min
Lab File: BF087075.D
Acq: 16 May 2016 12:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

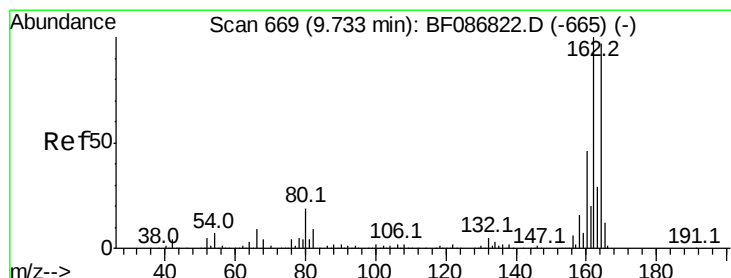
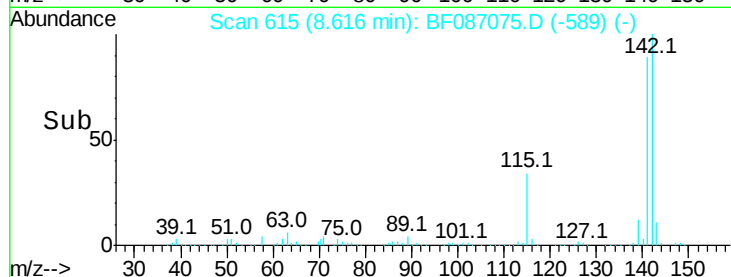
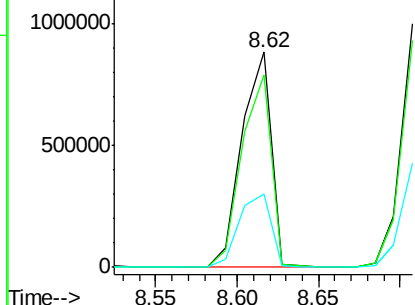
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.0	106.6
115	34.3	26.6	39.8

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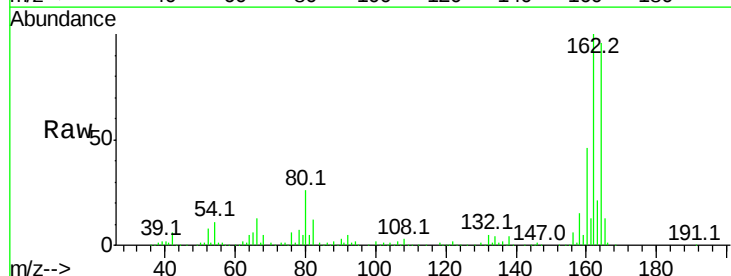


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

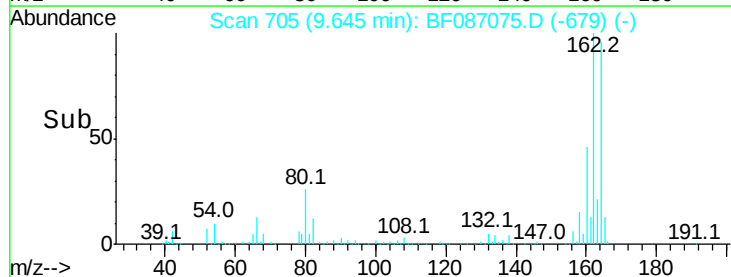
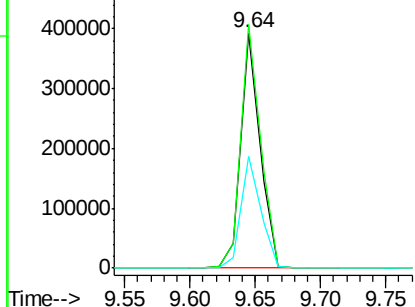


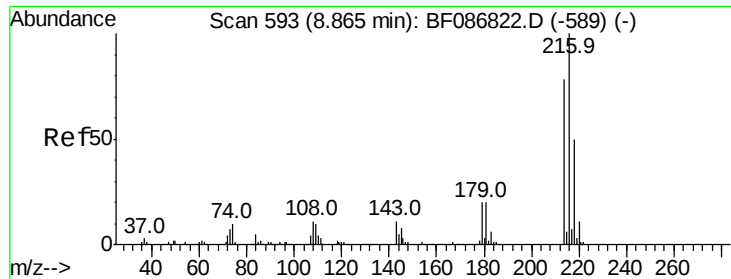
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF087075.D
Acq: 16 May 2016 12:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	82.8	124.2
160	47.4	36.9	55.3



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: 38.28 ng

RT: 8.78 min Scan# 629

Delta R.T. 0.00 min

Lab File: BF087075.D

Acq: 16 May 2016 12:10

Instrument :

BNA_F

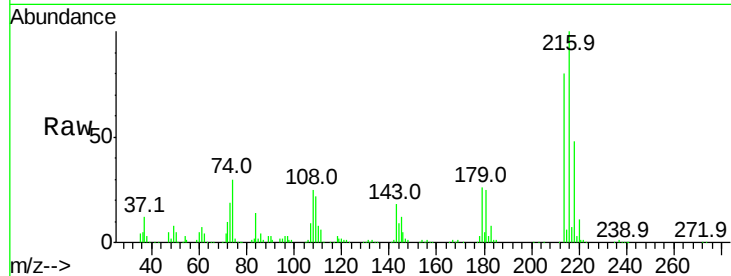
ClientSampleId :

SSTDCCC040

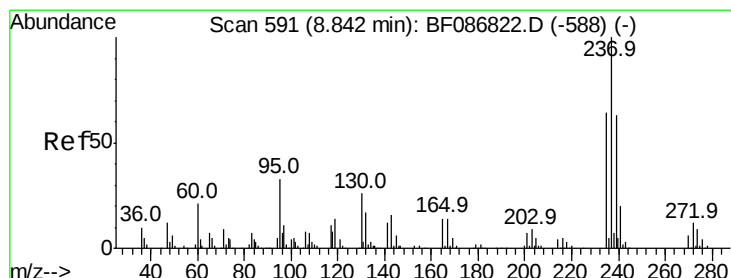
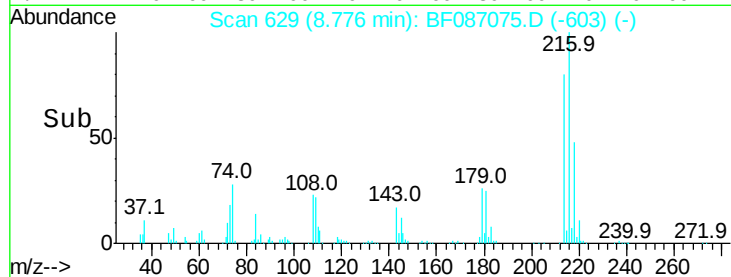
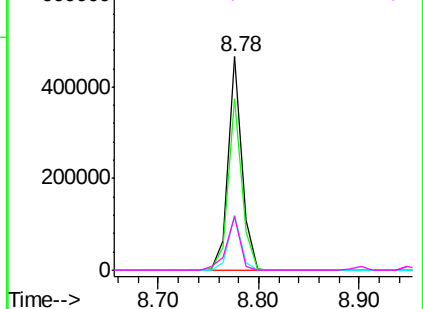
Tot Ion	Ratio	Resp	Lower	Upper
216	100	445083		
214	79.6	62.6	93.8	
179	24.3	18.2	27.4	
108	25.1	17.5	26.3	

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



#40

Hexachlorocyclopentadiene

Concen: 35.31 ng

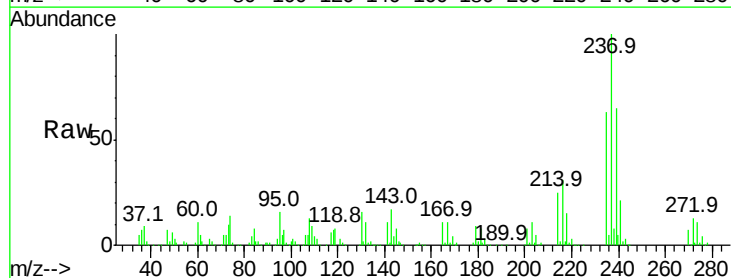
RT: 8.76 min Scan# 628

Delta R.T. 0.00 min

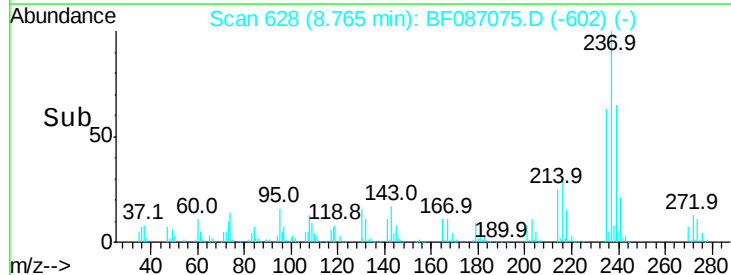
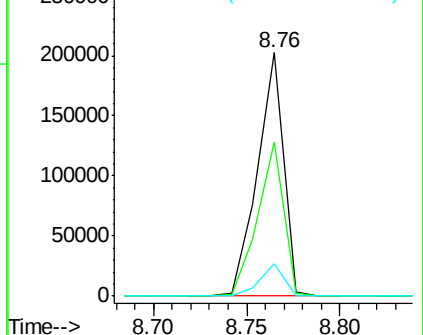
Lab File: BF087075.D

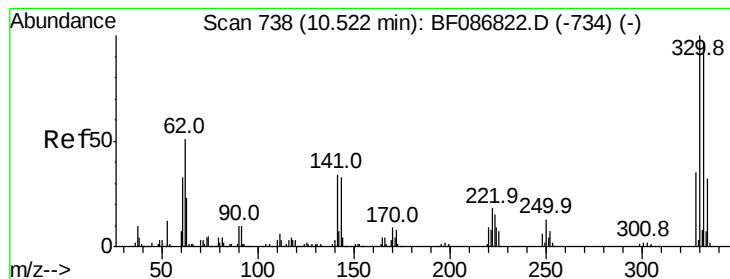
Acq: 16 May 2016 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	194909		
235	63.1	47.2	87.2	
272	13.2	0.0	31.1	



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





#41

2,4,6-Tribromophenol

Concen: 89.08 ng

RT: 10.44 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF087075.D

Acq: 16 May 2016 12:10

Instrument :

BNA_F

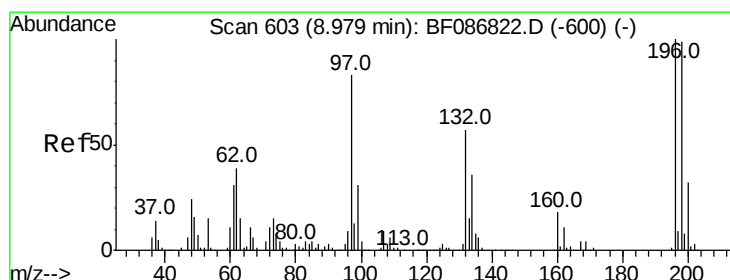
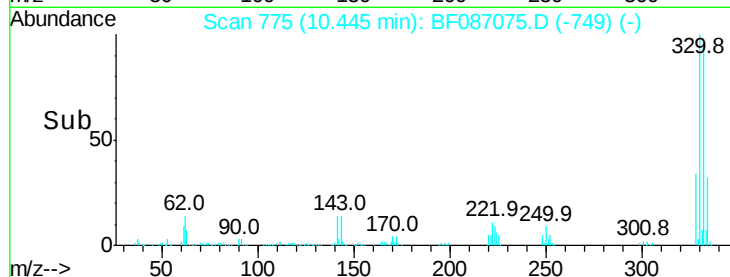
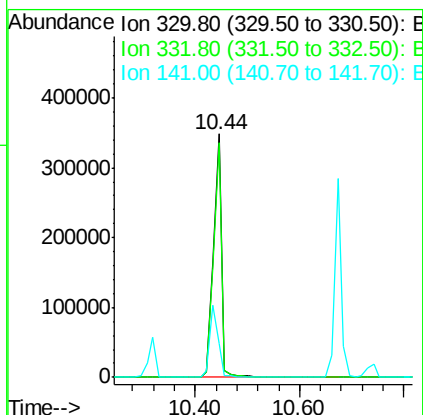
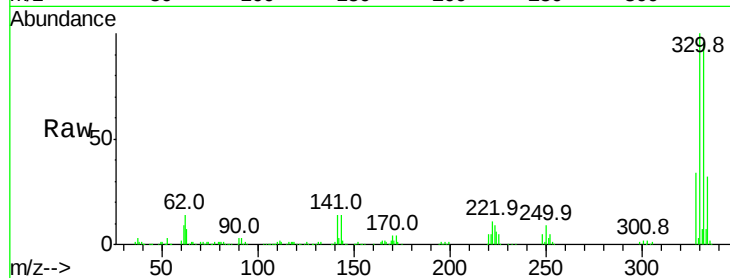
ClientSampleId :

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Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.3	79.0	118.4	
141	31.0	31.2	46.8#	

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#42

2,4,6-Trichlorophenol

Concen: 39.88 ng

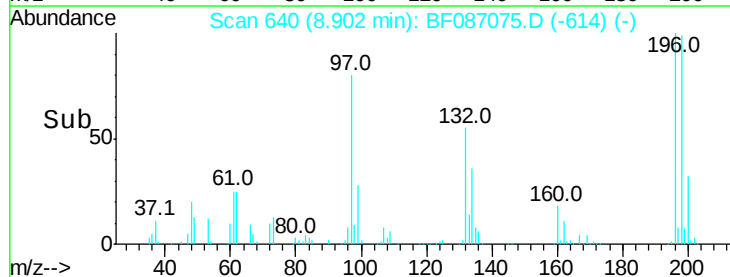
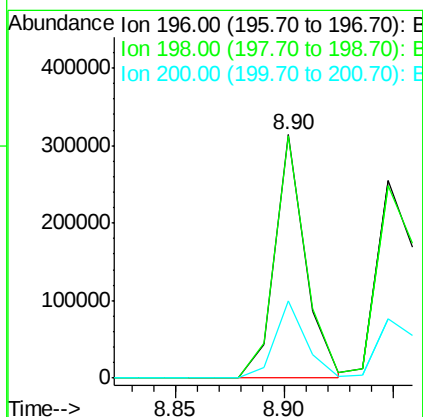
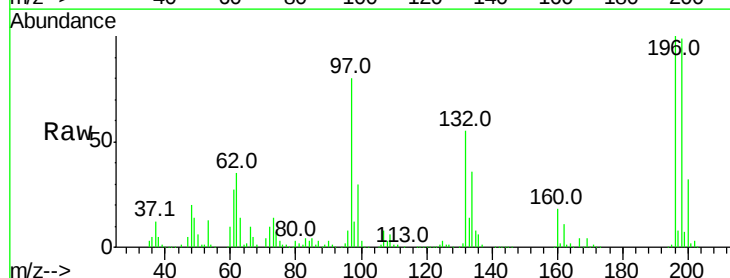
RT: 8.90 min Scan# 640

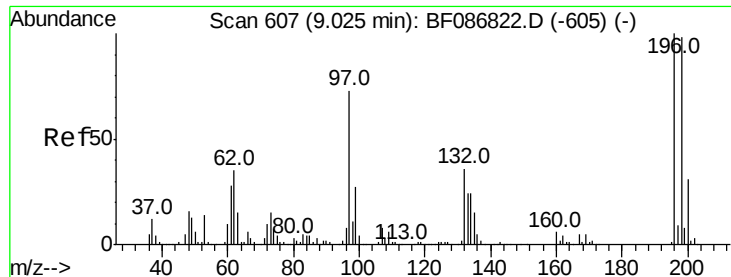
Delta R.T. 0.00 min

Lab File: BF087075.D

Acq: 16 May 2016 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	99.4	74.7	112.1	
200	31.7	23.8	35.6	





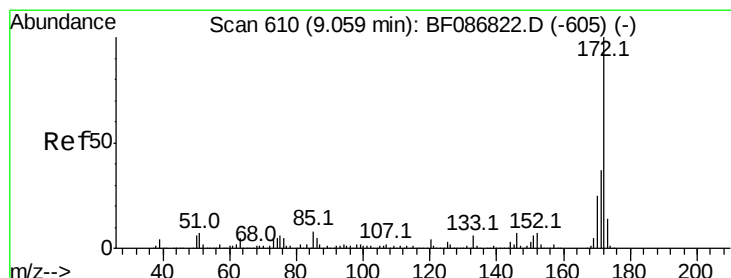
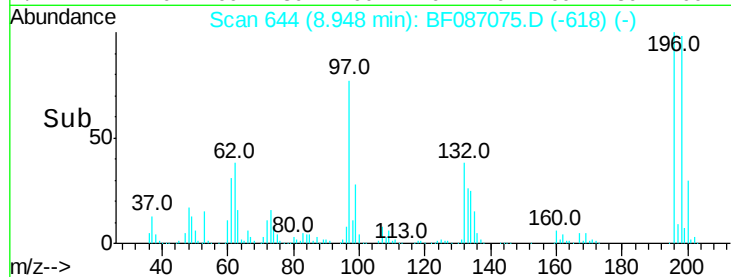
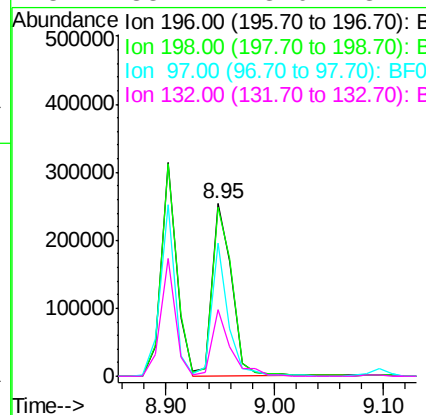
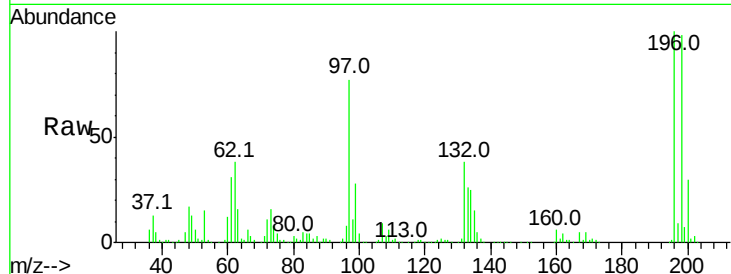
#43
 2,4,5-Trichlorophenol
 Concen: 39.68 ng
 RT: 8.95 min Scan# 644
 Delta R.T. 0.00 min
 Lab File: BF087075.D
 Acq: 16 May 2016 12:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	319088		
198	97.9	77.5	116.3	
97	77.0	34.8	52.2	
132	38.2	23.0	34.4	

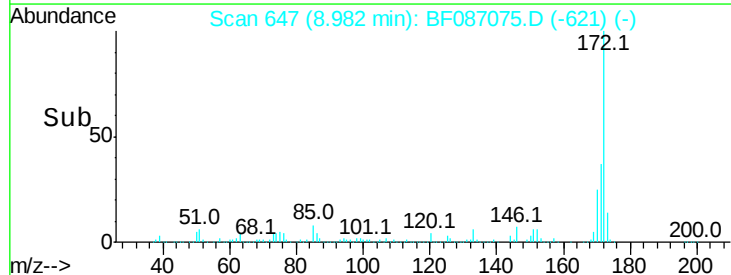
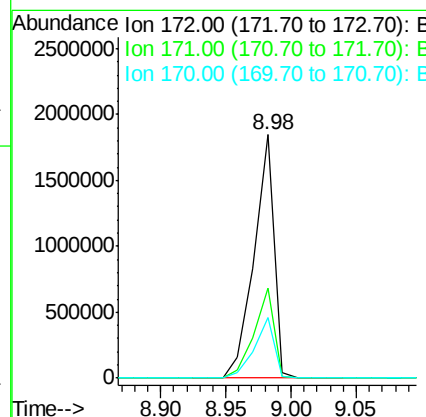
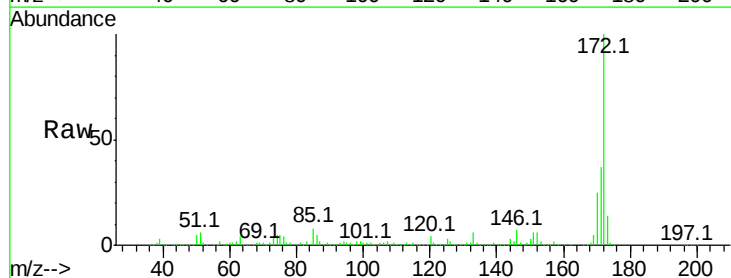
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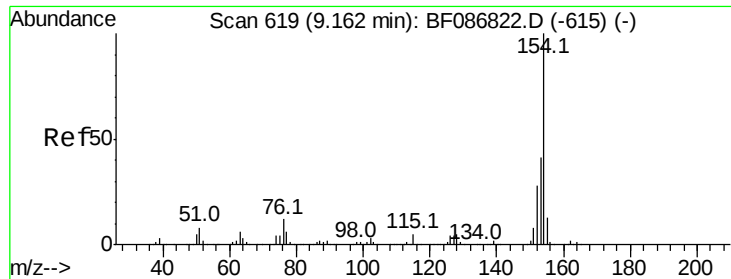
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#44
 2-Fluorobiphenyl
 Concen: 83.49 ng
 RT: 8.98 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF087075.D
 Acq: 16 May 2016 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1986806		
171	37.2	29.0	43.6	
170	25.0	19.8	29.8	





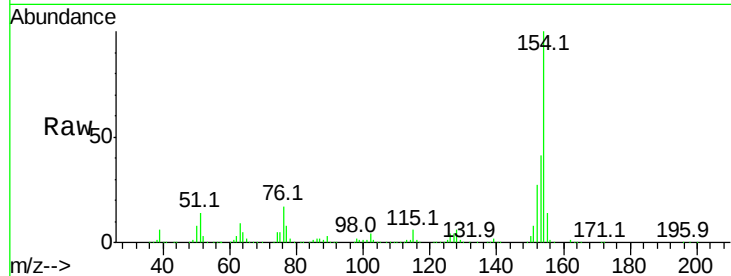
#45
 1,1'-Biphenyl
 Concen: 39.94 ng
 RT: 9.07 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: BF087075.D
 Acq: 16 May 2016 12:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.3	60.3
76	16.9	0.0	30.2

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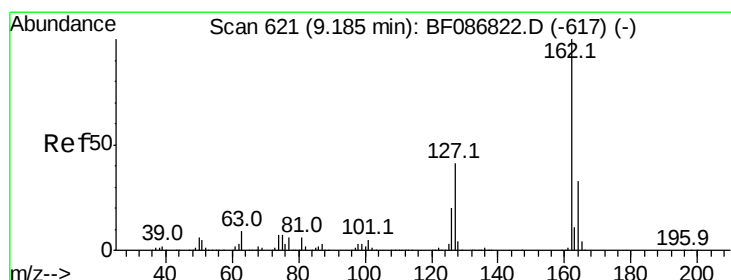
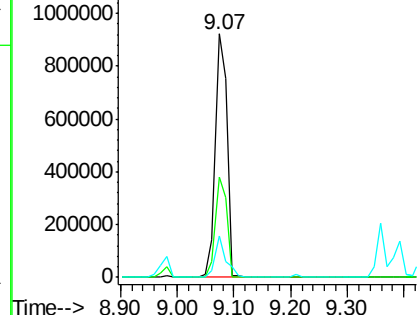
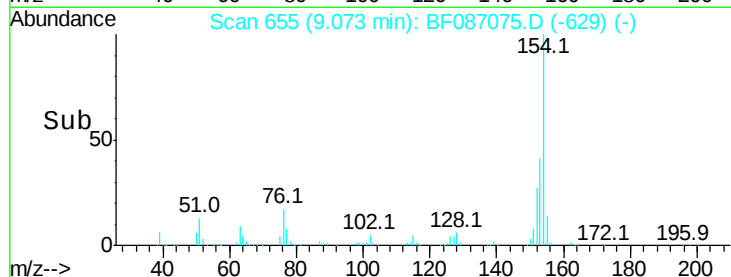


Abundance

Ion 154.00 (153.70 to 154.70): E

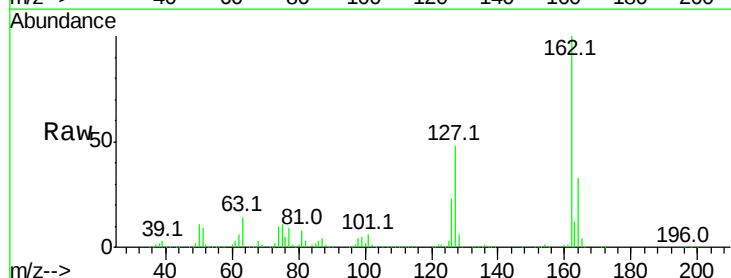
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46
 2-Chloronaphthalene
 Concen: 38.85 ng
 RT: 9.10 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: BF087075.D
 Acq: 16 May 2016 12:10

Tgt Ion	Ratio	Lower	Upper
162	100		
127	48.1	31.8	47.6#
164	33.0	27.0	40.6

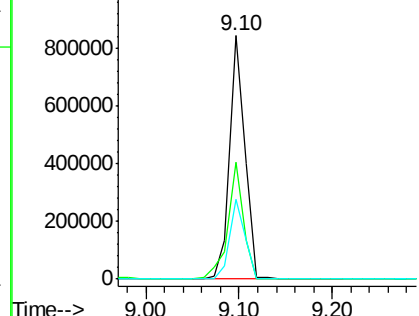
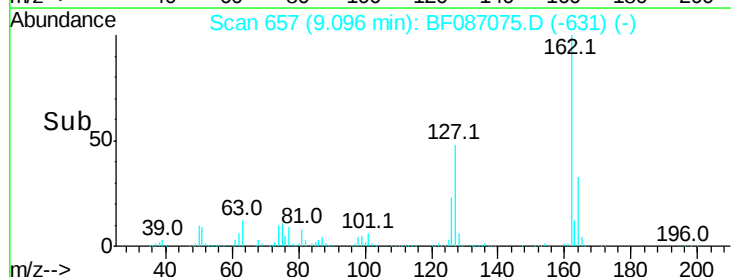


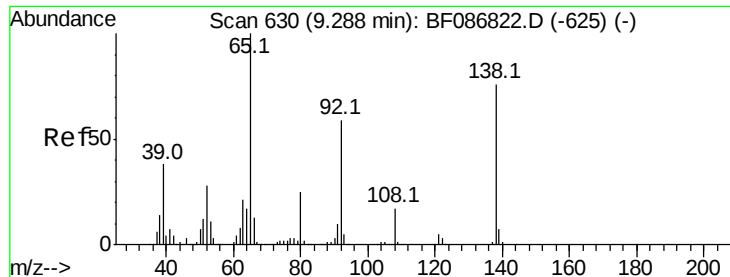
Abundance

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





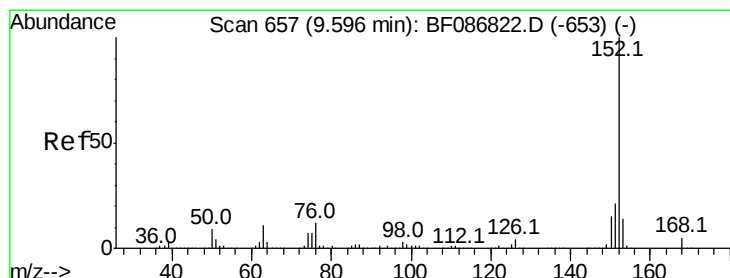
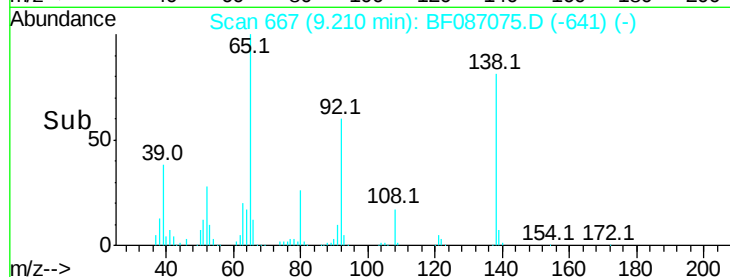
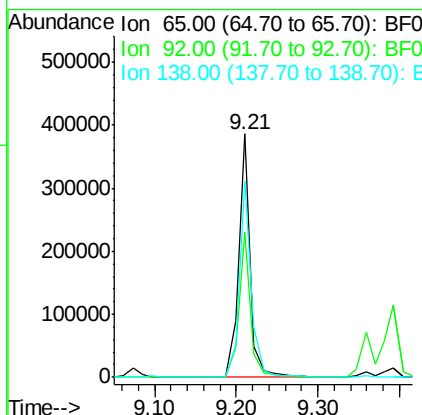
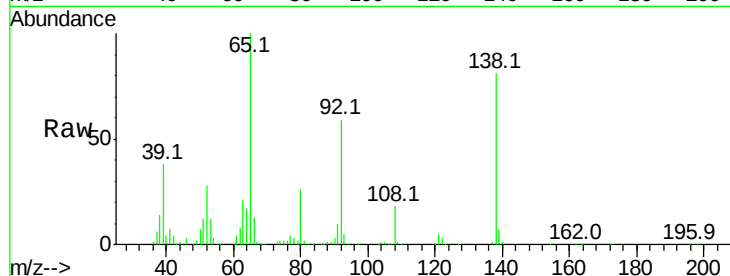
#47
2-Nitroaniline
Concen: 42.00 ng
RT: 9.21 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF087075.D
Acq: 16 May 2016 12:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	59.5	57.4	86.2
138	80.8	90.1	135.1#

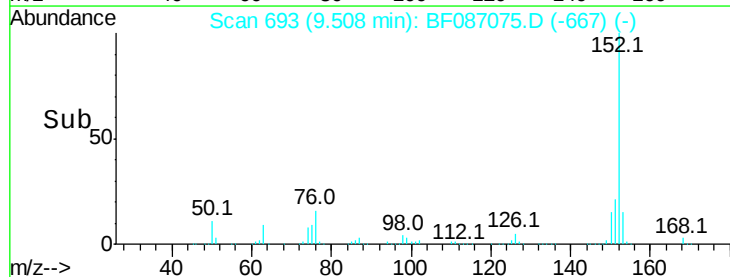
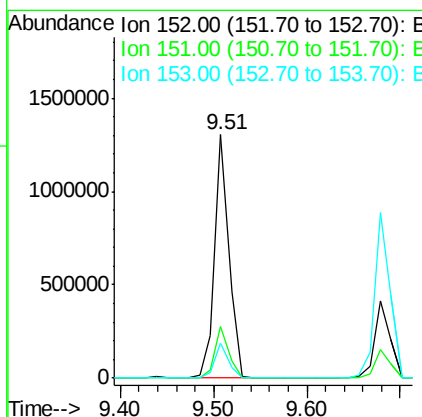
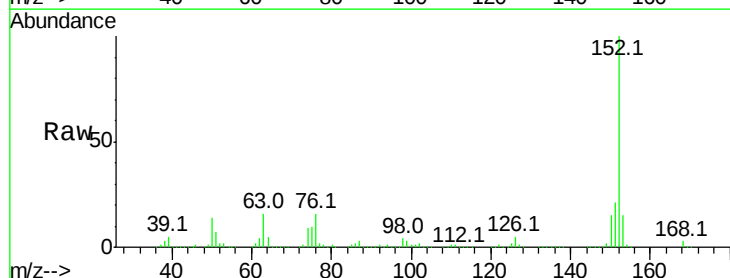
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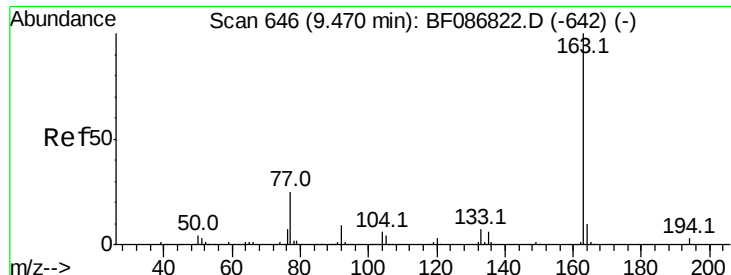
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#48
Acenaphthylene
Concen: 38.01 ng
RT: 9.51 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF087075.D
Acq: 16 May 2016 12:10

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.8	25.2
153	14.6	10.9	16.3





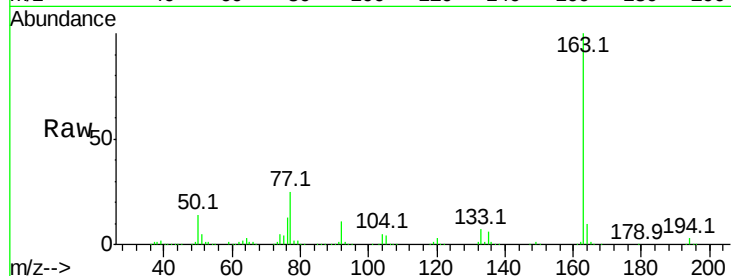
#49
Dimethylphthalate
Concen: 40.14 ng
RT: 9.39 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF087075.D
Acq: 16 May 2016 12:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

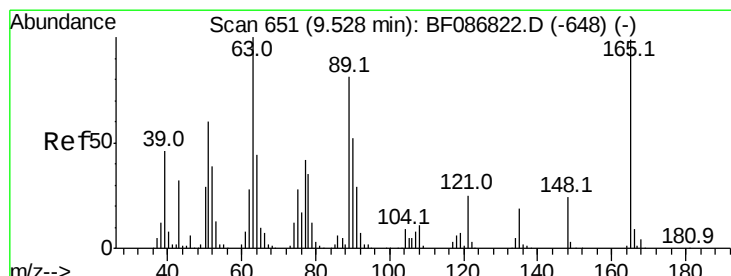
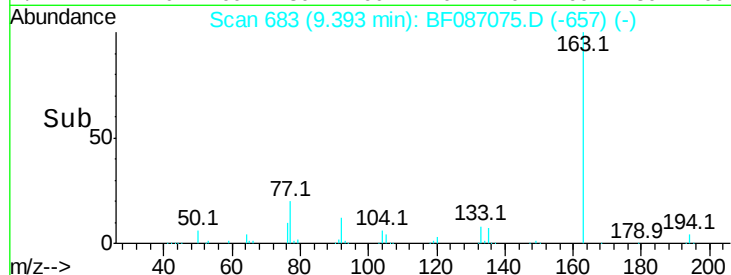
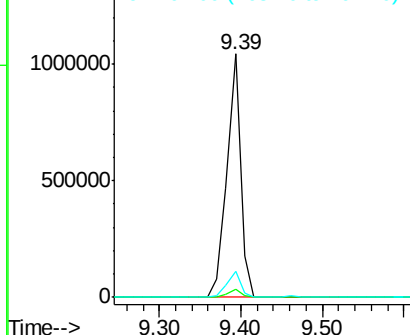
Tot Ion:163 Resp: 1224736
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.4 8.2 12.4

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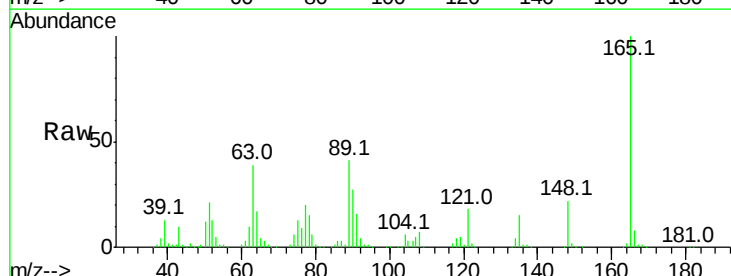


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

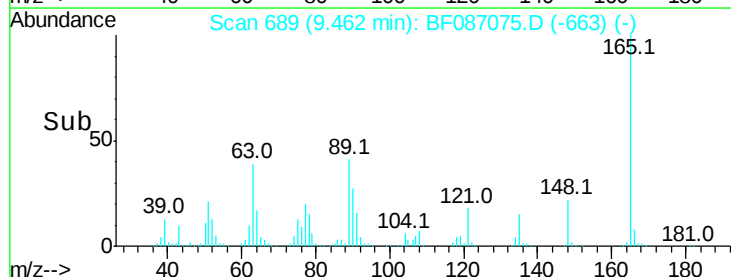
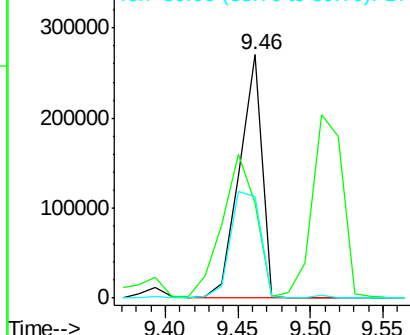


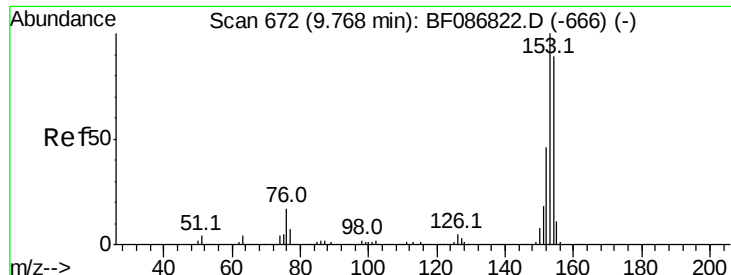
#50
2,6-Dinitrotoluene
Concen: 45.63 ng
RT: 9.46 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF087075.D
Acq: 16 May 2016 12:10

Tgt Ion:165 Resp: 292986
Ion Ratio Lower Upper
165 100
63 39.3 51.8 77.8#
89 41.5 50.7 76.1#



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





#51

Acenaphthene

Concen: 39.73 ng

RT: 9.68 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF087075.D

Acq: 16 May 2016 12:10

Instrument :

BNA_F

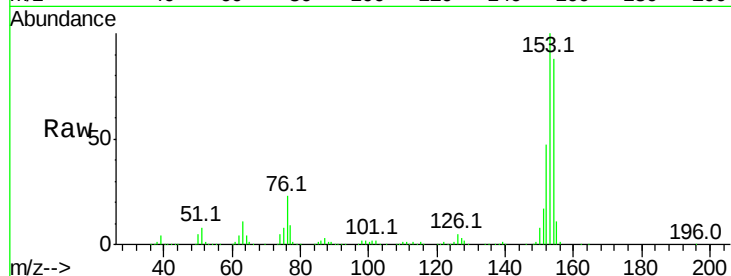
ClientSampleId :

SSTDCCC040

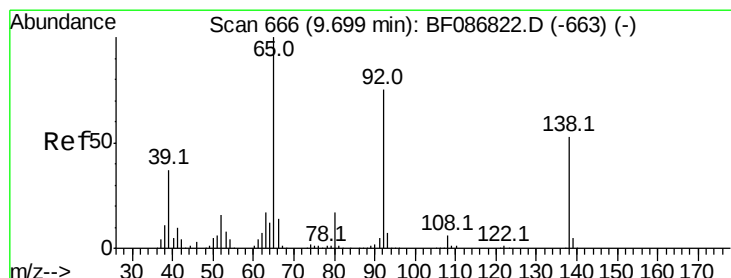
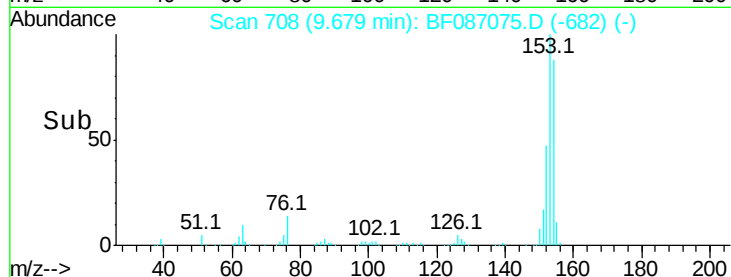
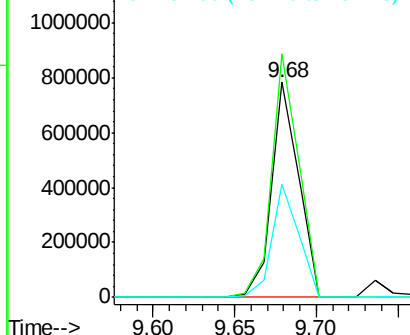
Tot Ion:	154	Resp:	906029
Ion Ratio	Lower	Upper	
154	100		
153	113.1	89.8	134.6
152	52.6	43.4	65.0

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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: 44.50 ng

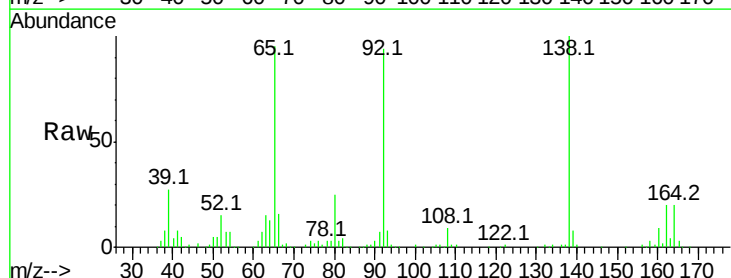
RT: 9.63 min Scan# 704

Delta R.T. 0.00 min

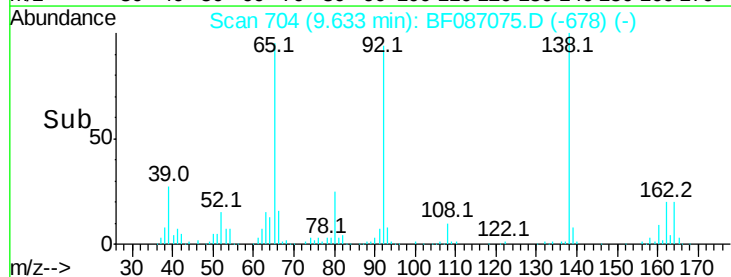
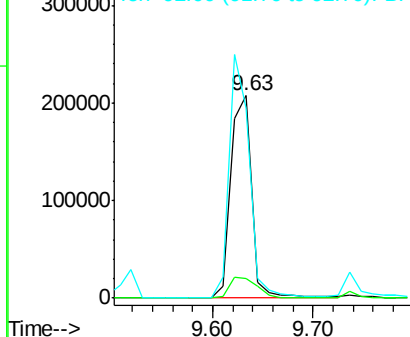
Lab File: BF087075.D

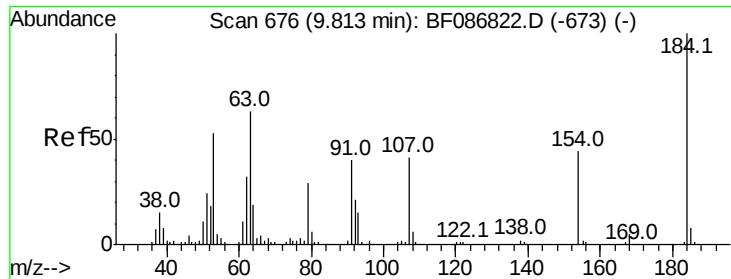
Acq: 16 May 2016 12:10

Tgt Ion:	138	Resp:	300811
Ion Ratio	Lower	Upper	
138	100		
108	9.5	7.8	11.6
92	93.8	87.8	131.8



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





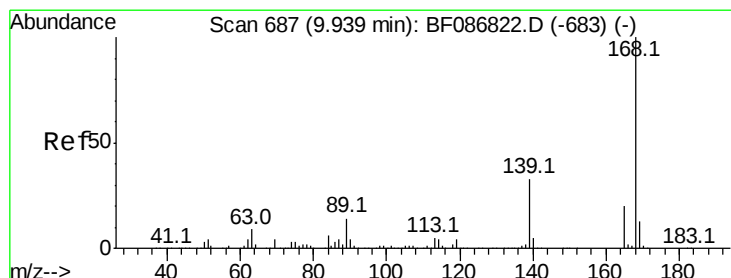
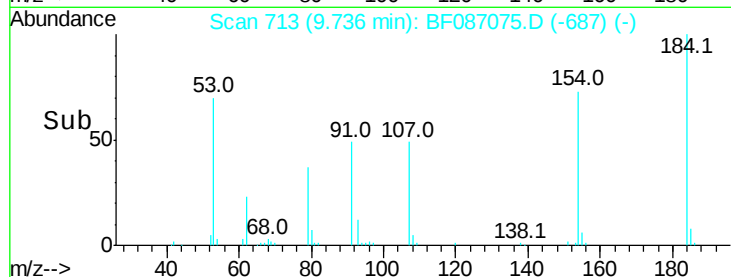
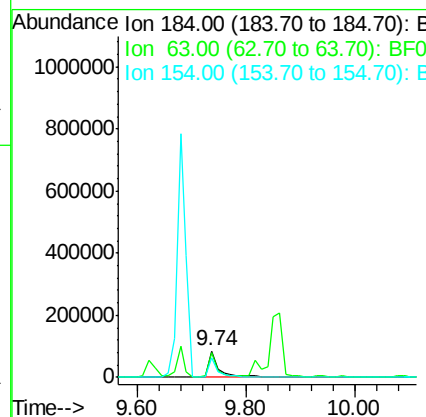
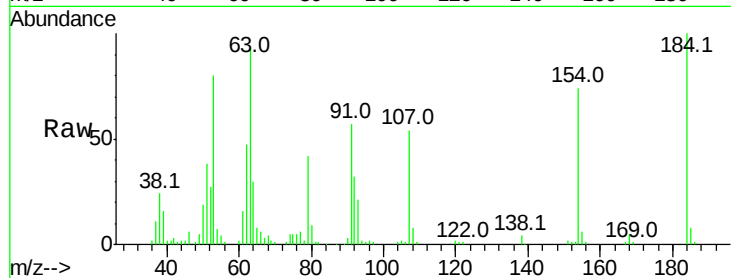
#53
 2,4-Dinitrophenol
 Concen: 38.73 ng
 RT: 9.74 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: BF087075.D
 Acq: 16 May 2016 12:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	92.9	55.8	83.8#	
154	73.9	62.4	93.6	

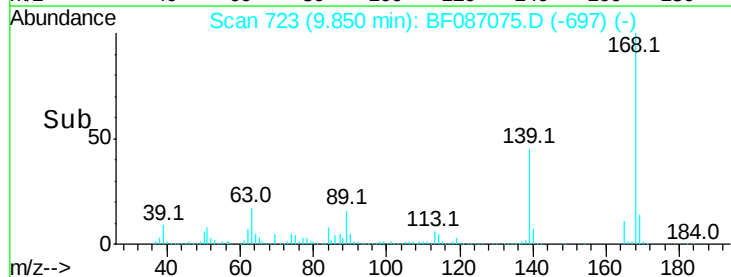
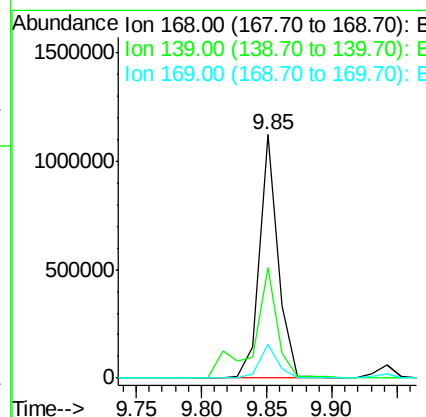
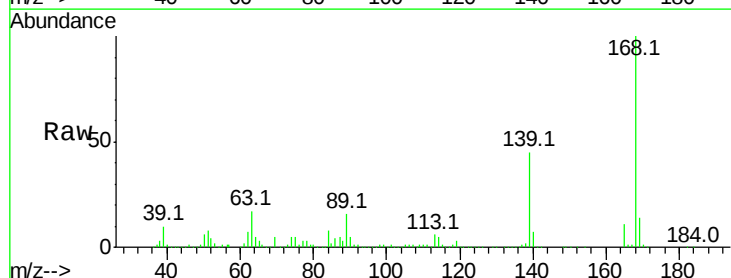
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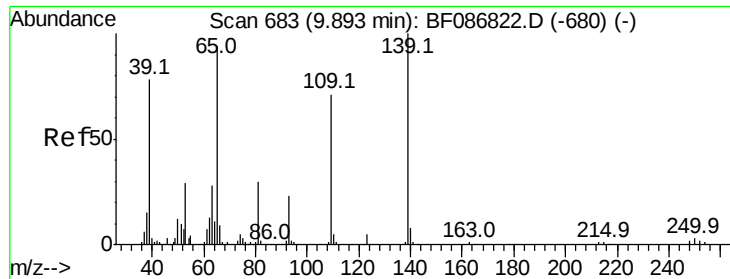
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#54
 Dibenzofuran
 Concen: 38.25 ng
 RT: 9.85 min Scan# 723
 Delta R.T. 0.00 min
 Lab File: BF087075.D
 Acq: 16 May 2016 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	45.4	31.4	47.0	
169	14.0	10.7	16.1	





#55

4-Nitrophenol

Concen: 33.51 ng/mL

RT: 9.82 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF087075.D

Acq: 16 May 2016 12:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:139 Resp: 138380

Ion Ratio Lower Upper

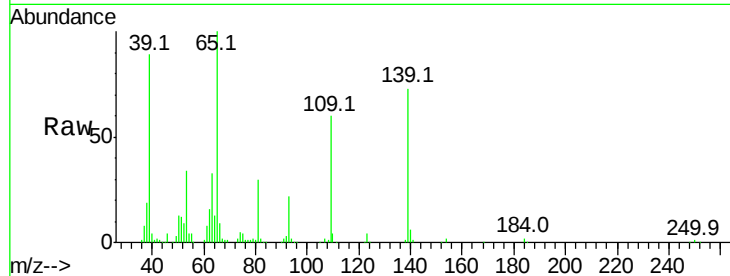
139 100

109 82.7 36.9 76.9#

65 137.6 64.0 104.0#

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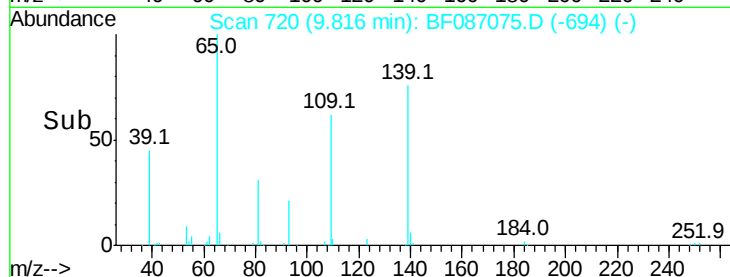
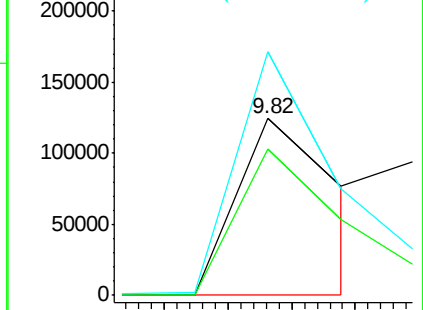
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Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 44.92 ng/mL

RT: 9.86 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF087075.D

Acq: 16 May 2016 12:10

Tgt Ion:165 Resp: 356969

Ion Ratio Lower Upper

165 100

63 56.3 44.3 66.5

89 80.2 70.0 105.0

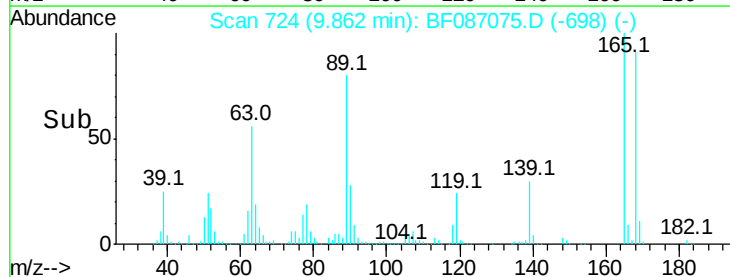
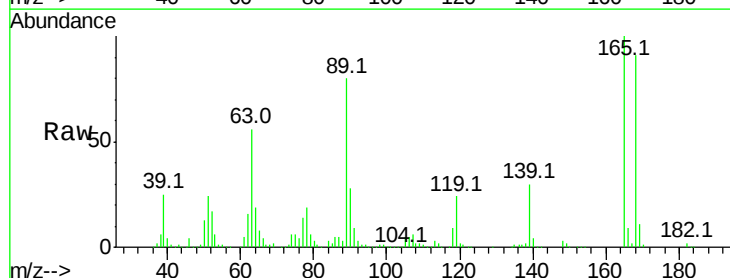
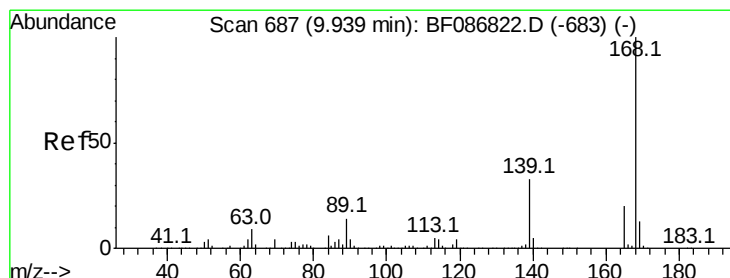
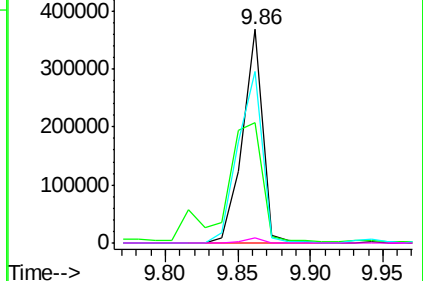
182 2.3 1.8 2.6

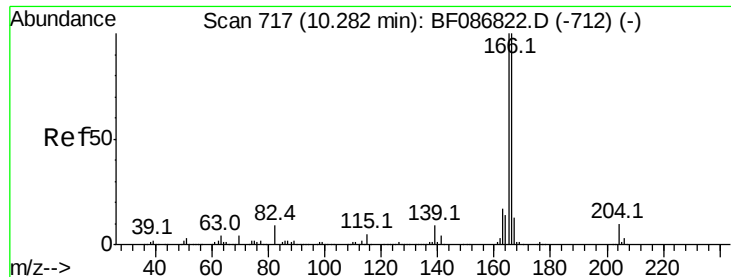
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 35.88 ng

RT: 10.19 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF087075.D

Acq: 16 May 2016 12:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:166 Resp: 895680

Ion Ratio Lower Upper

166 100

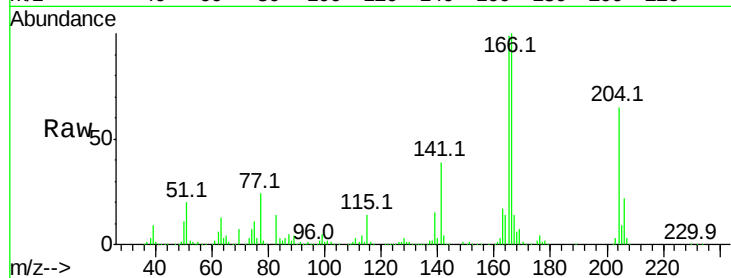
165 99.0 79.0 118.6

167 14.0 10.6 15.8

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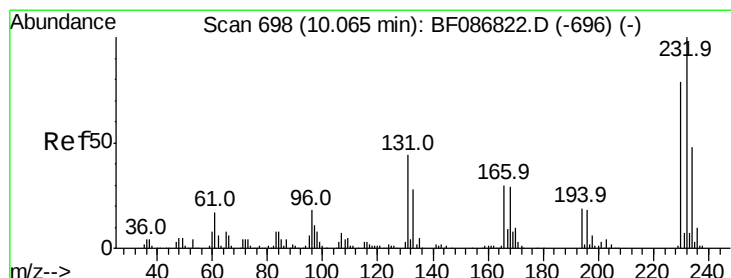
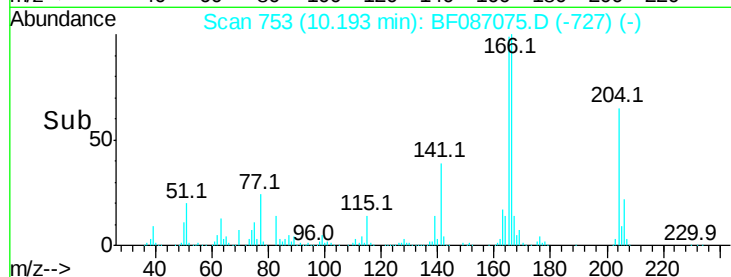
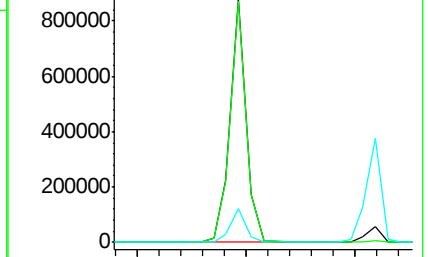
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Abundance Ion 166.00 (165.70 to 166.70): E

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: 40.27 ng

RT: 9.99 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF087075.D

Acq: 16 May 2016 12:10

Tgt Ion:232 Resp: 243793

Ion Ratio Lower Upper

232 100

131 49.9 41.9 62.9

130 2.4 2.2 3.4

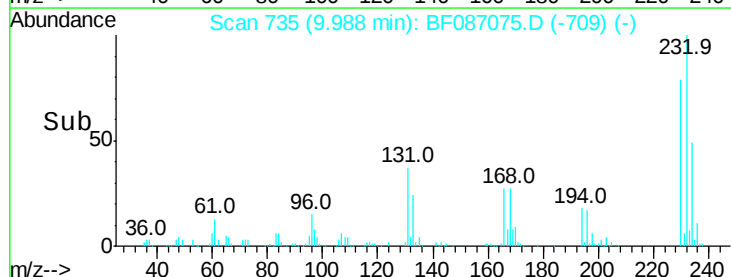
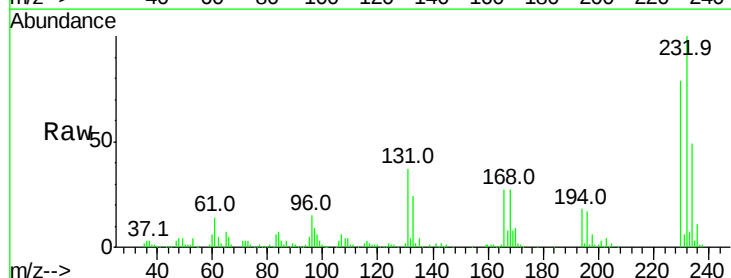
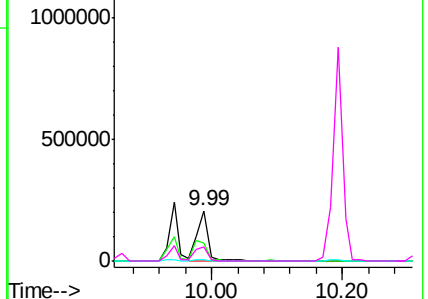
166 30.6 26.8 40.2

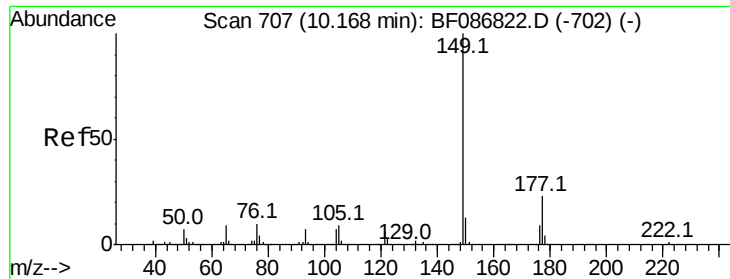
Abundance Ion 232.00 (231.70 to 232.70): E

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





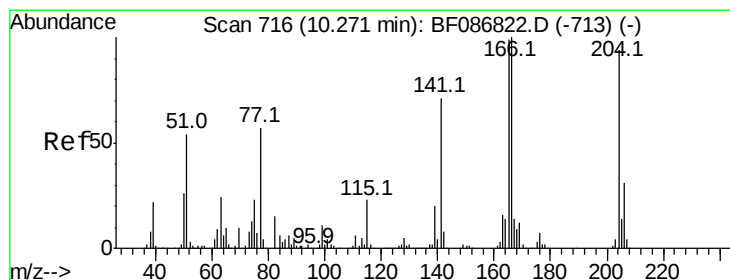
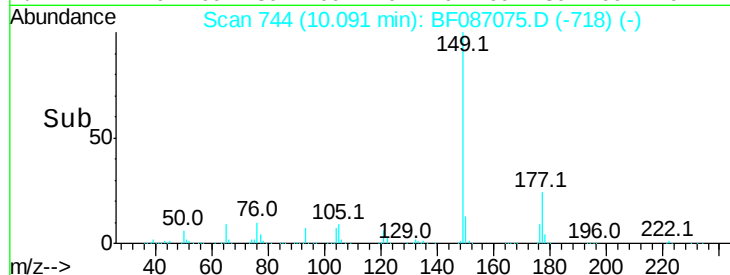
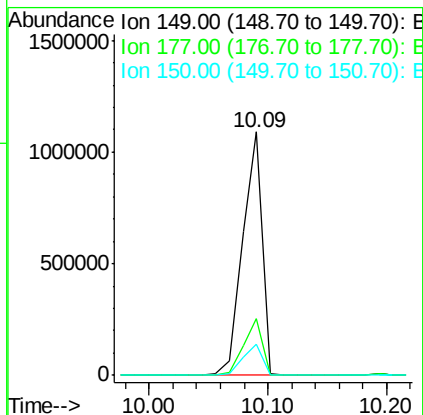
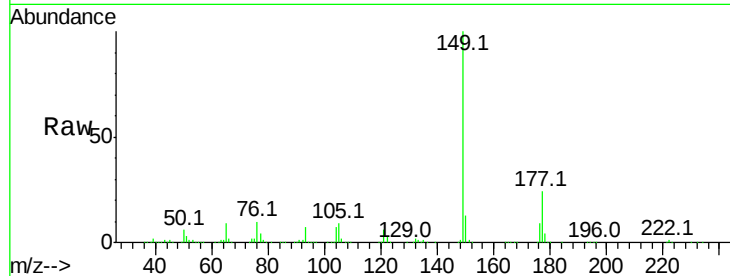
#59
Diethylphthalate
Concen: 42.04 ng
RT: 10.09 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF087075.D
Acq: 16 May 2016 12:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.5	16.6	24.8
150	12.7	10.0	15.0

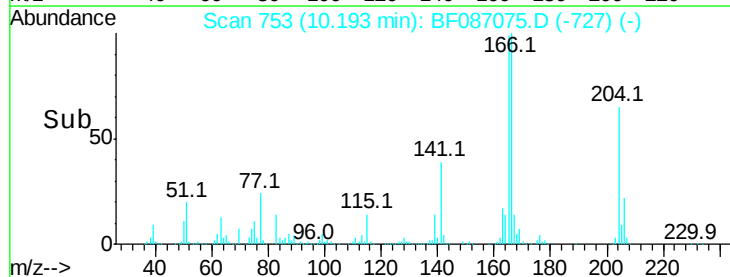
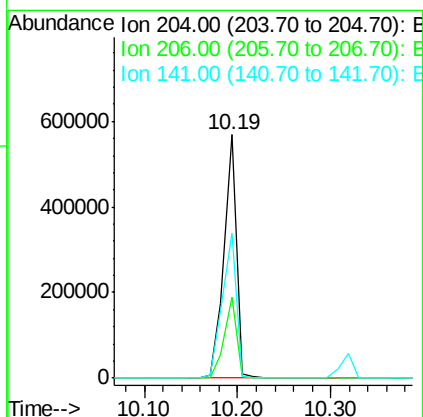
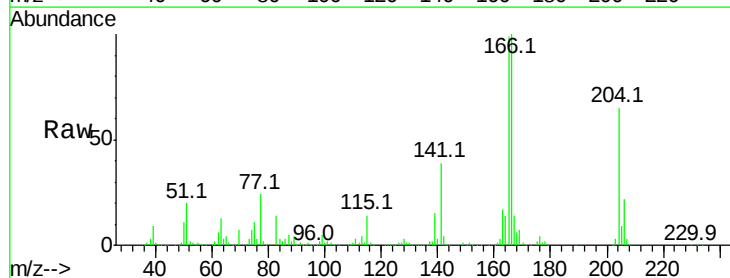
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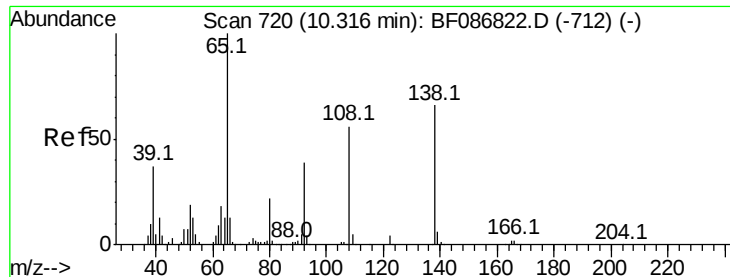
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#60
4-Chlorophenyl-phenylether
Concen: 49.72 ng
RT: 10.19 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF087075.D
Acq: 16 May 2016 12:10

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.4	25.4	38.0
141	59.8	61.6	92.4#





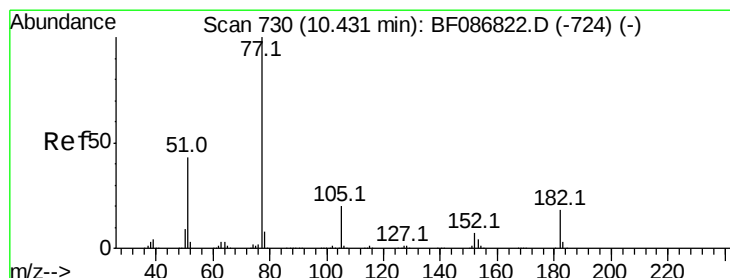
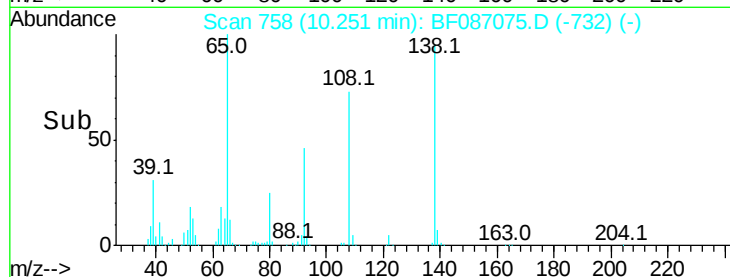
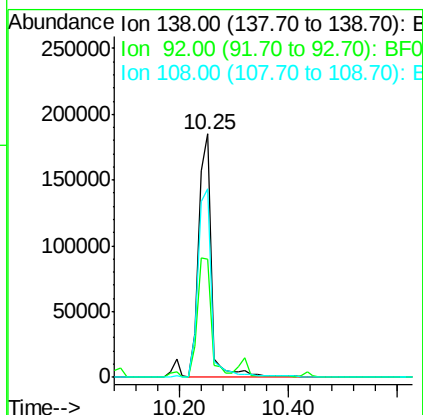
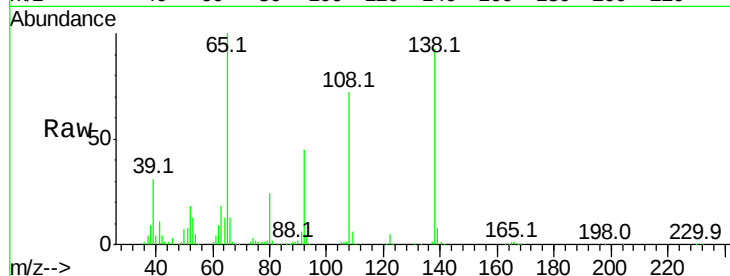
#61
4-Nitroaniline
Concen: 44.98 ng
RT: 10.25 min Scan# 758
Delta R.T. 0.00 min
Lab File: BF087075.D
Acq: 16 May 2016 12:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	48.4	24.7	64.7	
108	77.4	37.4	77.4#	

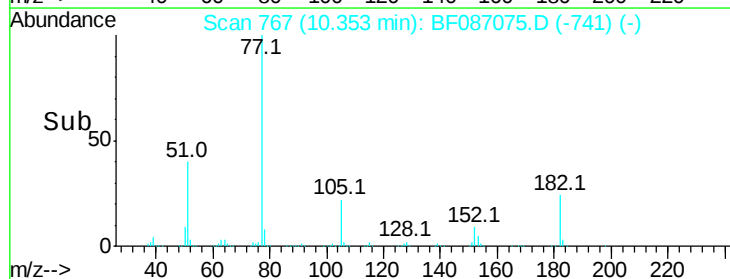
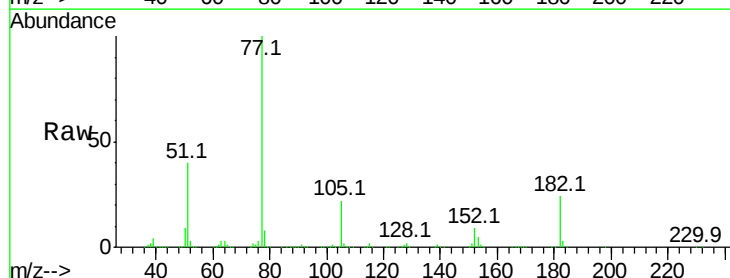
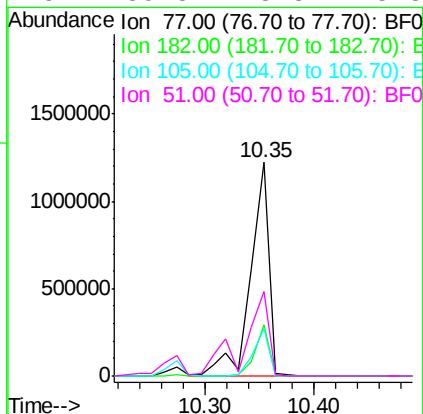
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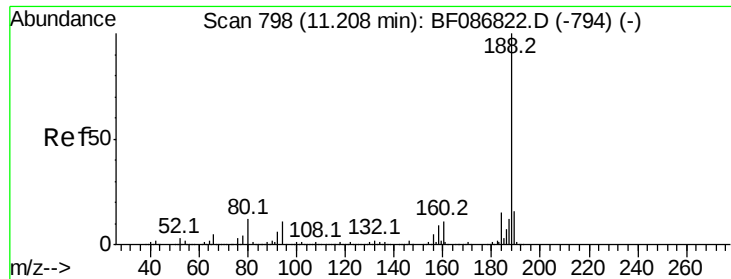
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#62
Azobenzene
Concen: 44.43 ng
RT: 10.35 min Scan# 767
Delta R.T. 0.00 min
Lab File: BF087075.D
Acq: 16 May 2016 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	23.7	0.0	38.8	
105	22.3	3.2	43.2	
51	39.8	8.8	48.8	





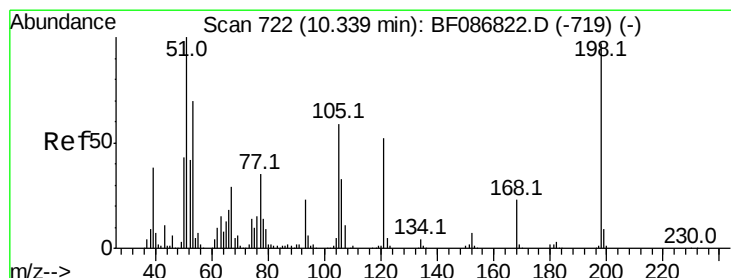
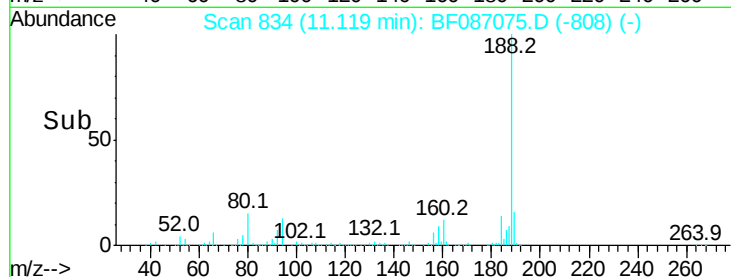
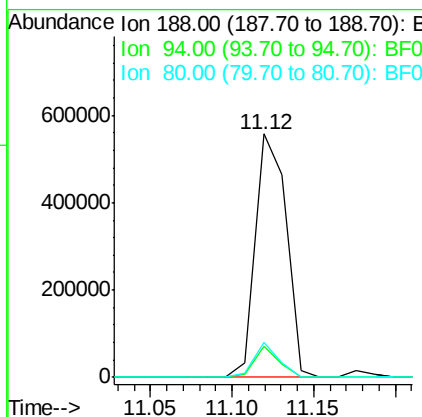
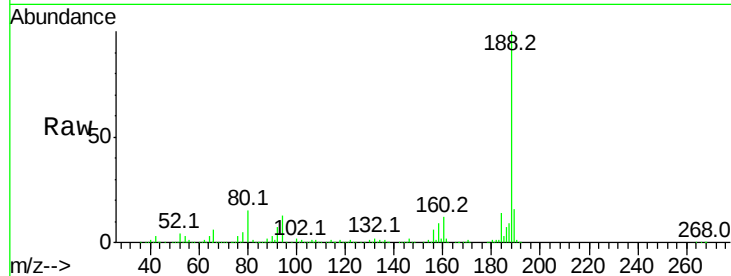
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF087075.D
Acq: 16 May 2016 12:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	12.9	6.8	10.2#
80	14.6	7.1	10.7#

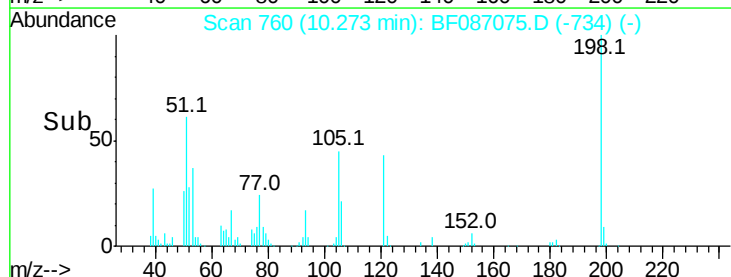
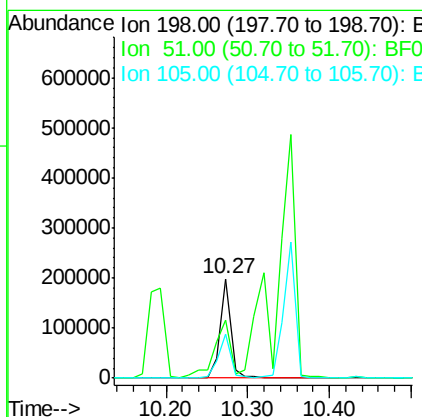
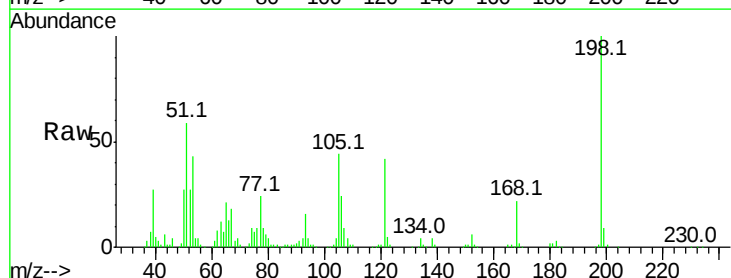
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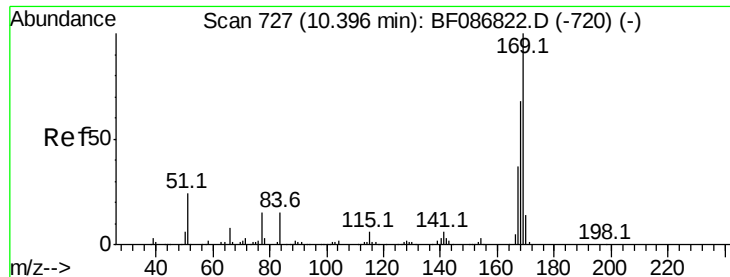
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#64
4,6-Dinitro-2-methylphenol
Concen: 40.40 ng
RT: 10.27 min Scan# 760
Delta R.T. 0.00 min
Lab File: BF087075.D
Acq: 16 May 2016 12:10

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	58.9	20.5	60.5
105	44.0	24.5	64.5





#65

n-Nitrosodiphenylamine

Concen: 42.04 ng

RT: 10.32 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF087075.D

Acq: 16 May 2016 12:10

Instrument :

BNA_F

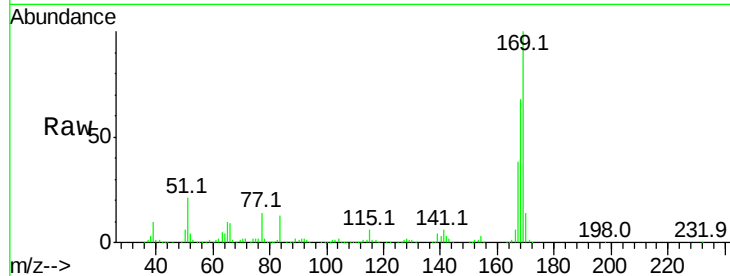
ClientSampleId :

SSTDCCC040

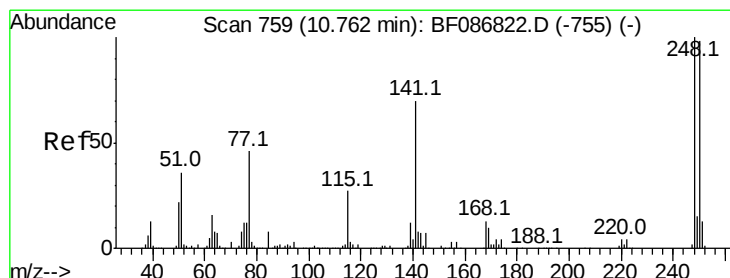
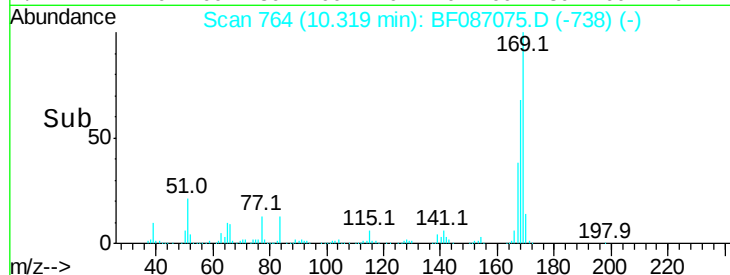
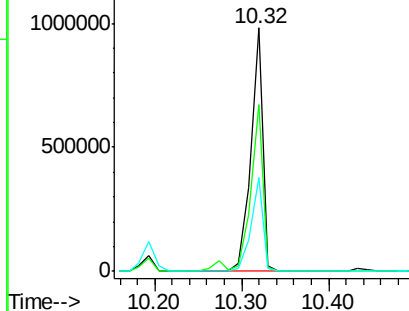
Tot Ion:	169	Resp:	954701
Ion Ratio	Lower	Upper	
169	100		
168	68.4	53.8	80.6
167	38.3	29.5	44.3

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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 37.86 ng

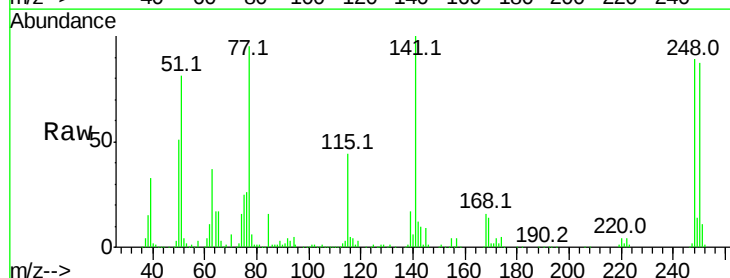
RT: 10.67 min Scan# 795

Delta R.T. 0.00 min

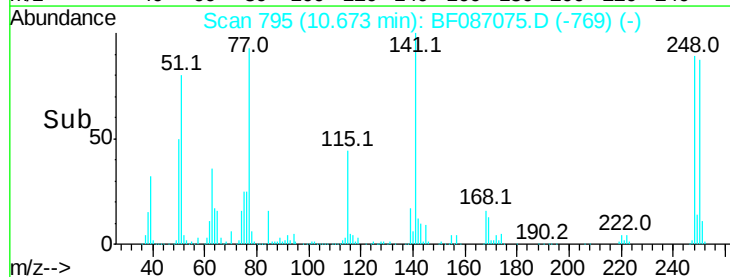
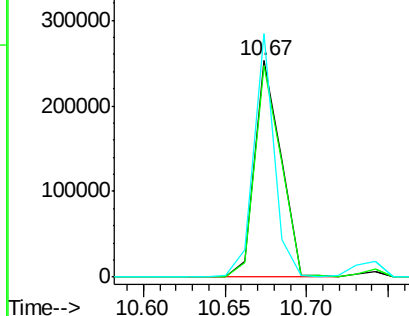
Lab File: BF087075.D

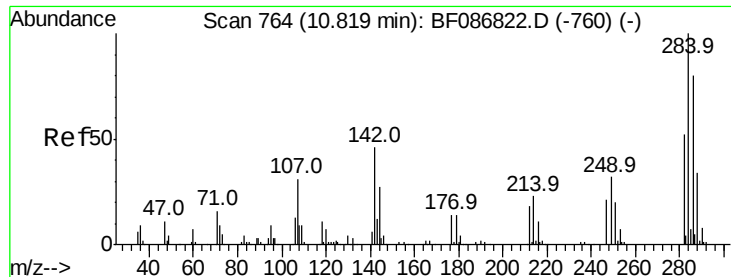
Acq: 16 May 2016 12:10

Tgt Ion:	248	Resp:	283790
Ion Ratio	Lower	Upper	
248	100		
250	98.0	78.6	117.8
141	112.6	76.0	114.0



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 42.13 ng

RT: 10.74 min Scan# 801

Delta R.T. 0.00 min

Lab File: BF087075.D

Acq: 16 May 2016 12:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:284 Resp: 369076
Ion Ratio Lower Upper

284 100

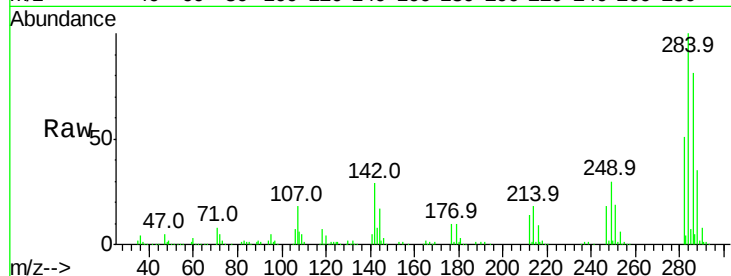
142 28.8 16.7 25.1#

249 29.8 21.3 31.9

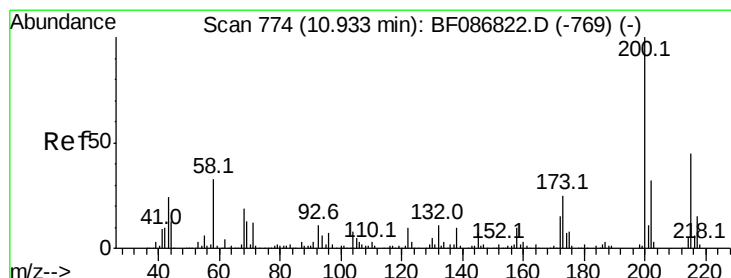
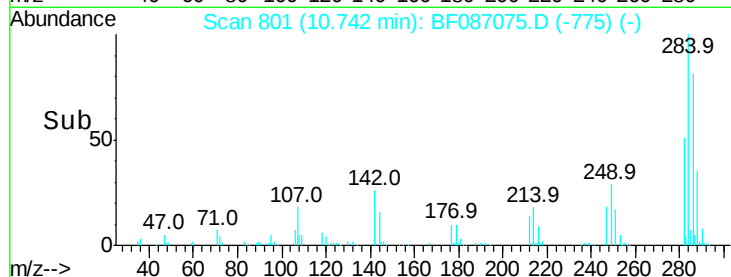
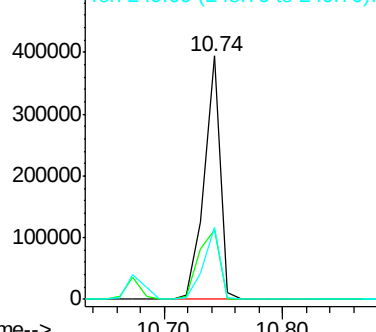
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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 42.69 ng

RT: 10.86 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF087075.D

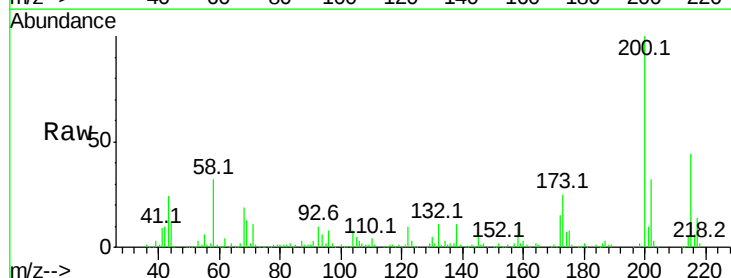
Acq: 16 May 2016 12:10

Tgt Ion:200 Resp: 323875
Ion Ratio Lower Upper

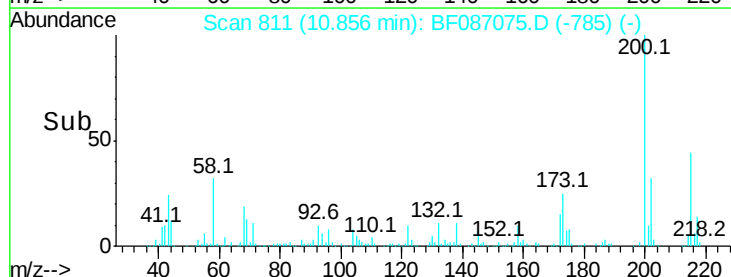
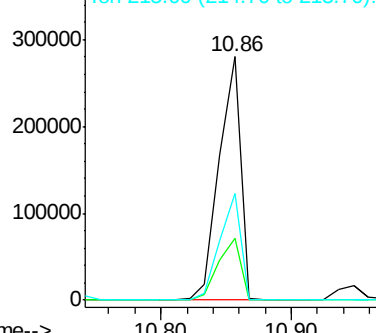
200 100

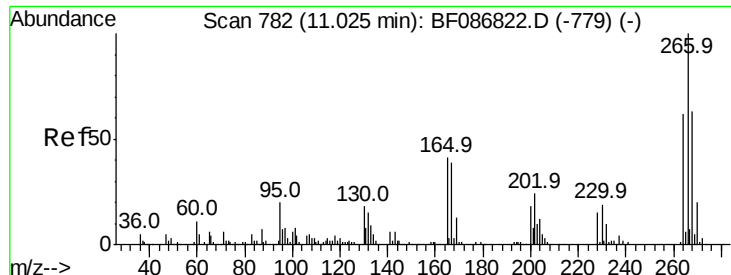
173 25.2 8.5 48.5

215 43.7 27.2 67.2



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





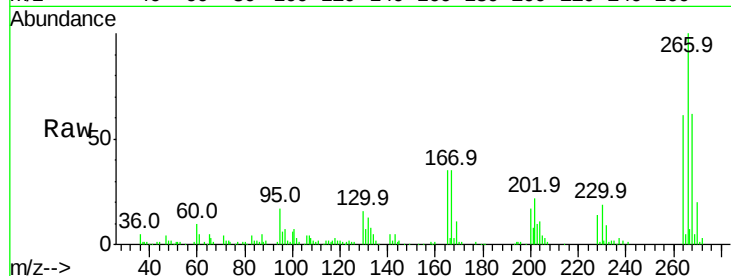
#69
 Pentachlorophenol
 Concen: 33.22 ng
 RT: 10.95 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF087075.D
 Acq: 16 May 2016 12:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

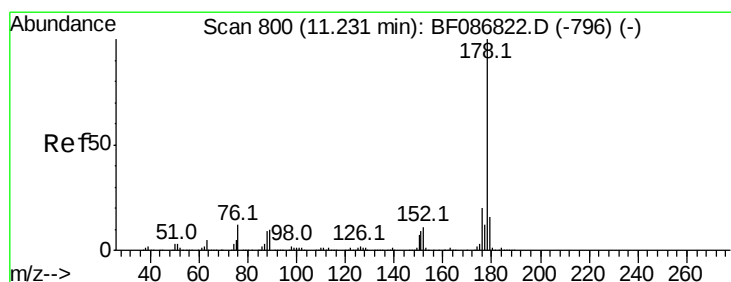
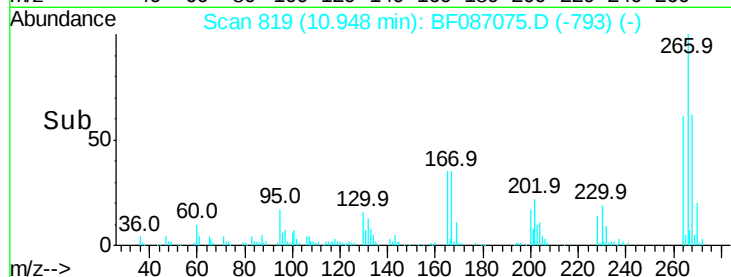
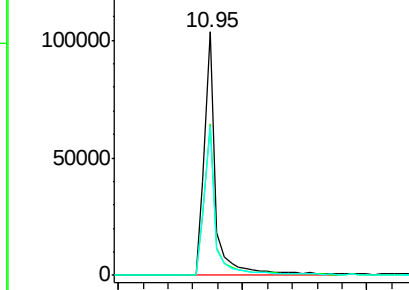
Tot Ion	Ratio	Resp	Lower	Upper
266	100	134493		
268	62.0	51.5	77.3	
264	61.1	52.9	79.3	

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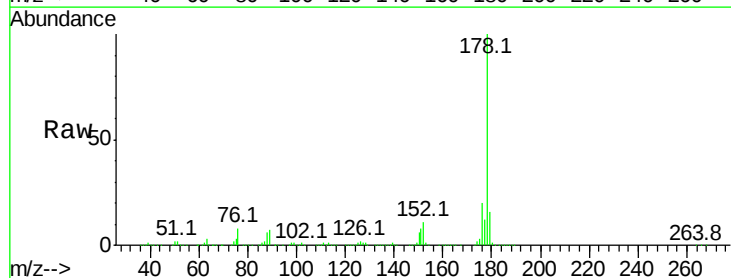


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

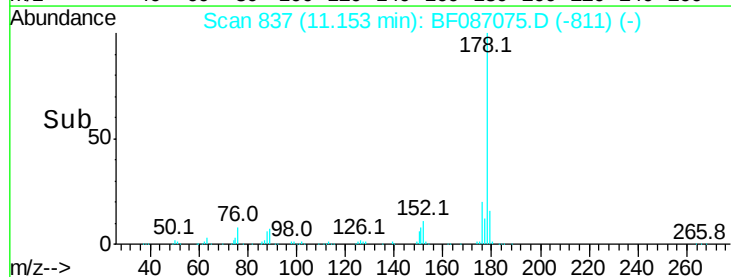
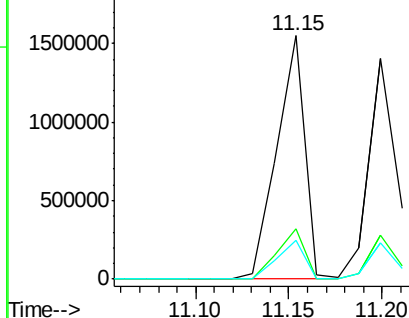


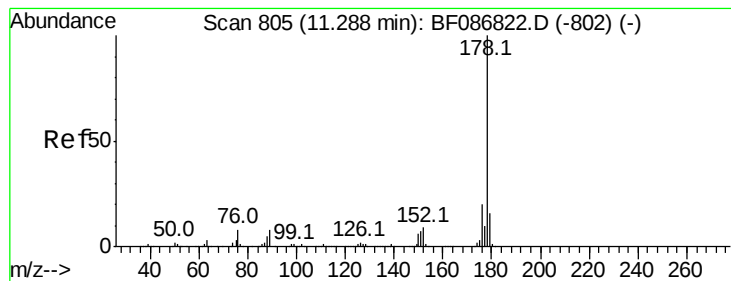
#70
 Phenanthrene
 Concen: 41.09 ng
 RT: 11.15 min Scan# 837
 Delta R.T. 0.00 min
 Lab File: BF087075.D
 Acq: 16 May 2016 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1621044		
176	20.4	16.0	24.0	
179	15.8	12.6	18.8	



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





#71

Anthracene

Concen: 35.83 ng

RT: 11.20 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF087075.D

Acq: 16 May 2016 12:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 1445863

Ion Ratio Lower Upper

178 100

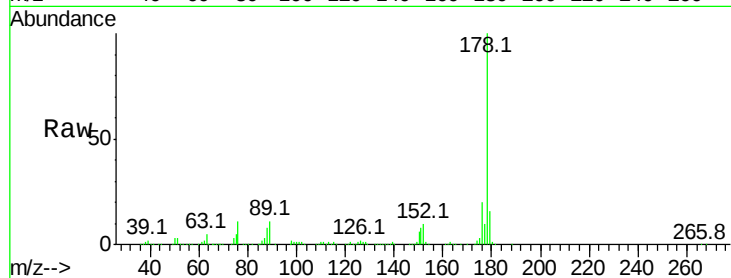
176 19.9 15.6 23.4

179 16.3 12.7 19.1

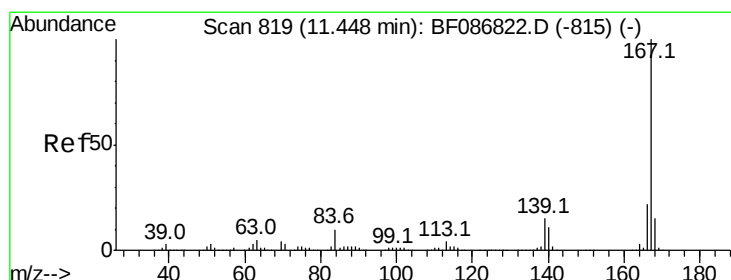
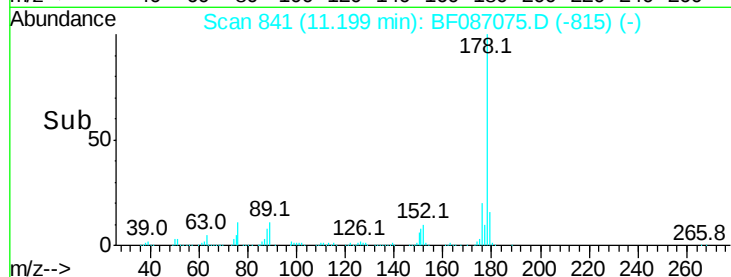
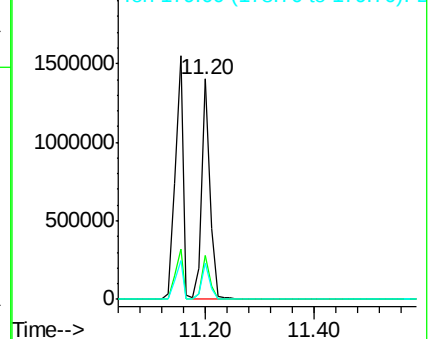
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 43.57 ng

RT: 11.37 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF087075.D

Acq: 16 May 2016 12:10

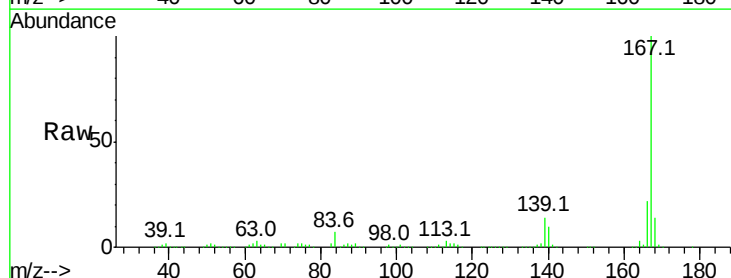
Tgt Ion:167 Resp: 1511300

Ion Ratio Lower Upper

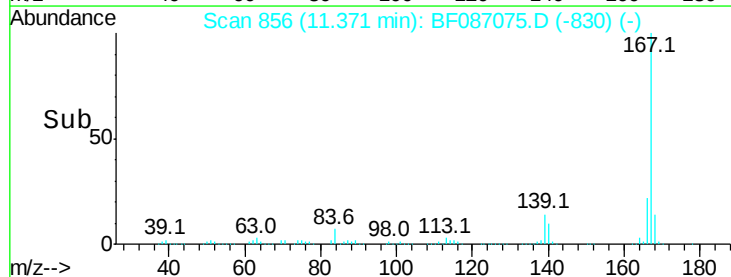
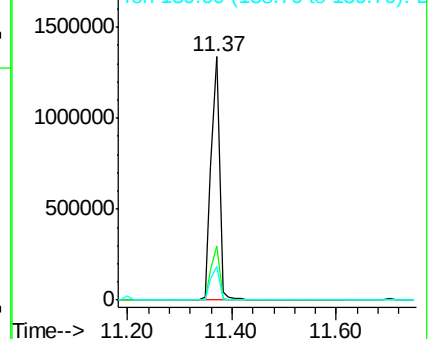
167 100

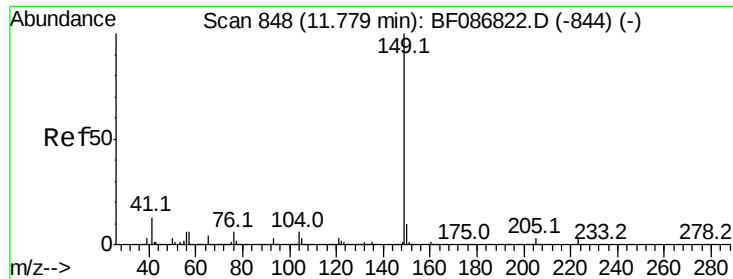
166 22.4 17.7 26.5

139 13.6 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.97 ng

RT: 11.70 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF087075.D

Acq: 16 May 2016 12:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1862270

Ion Ratio Lower Upper

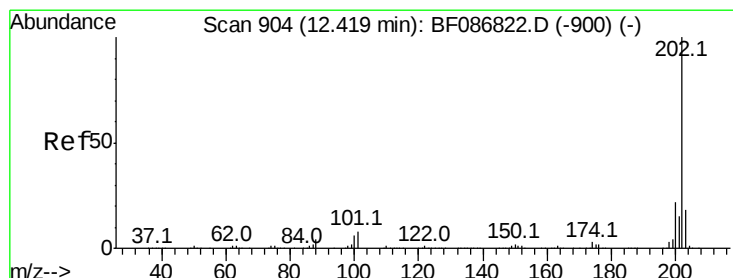
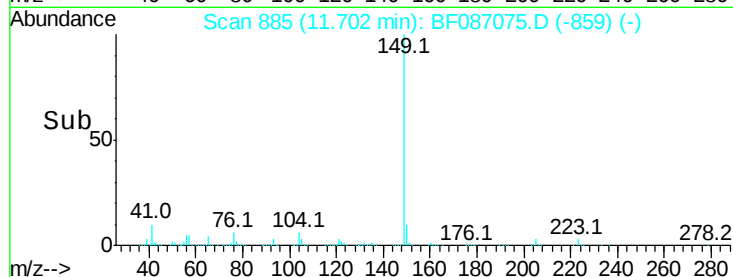
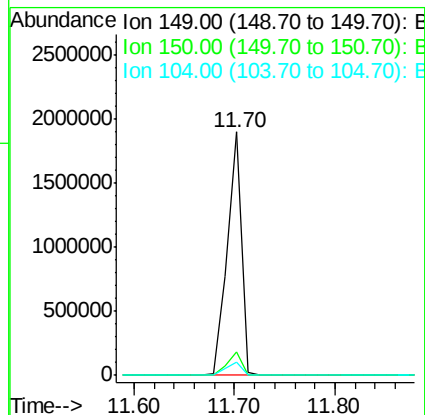
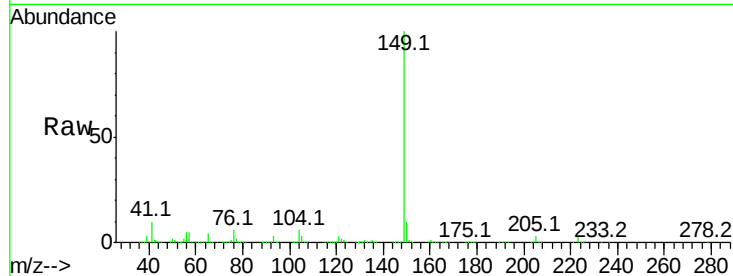
149 100

150 9.6 7.6 11.4

104 5.7 3.8 5.6#

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#74

Fluoranthene

Concen: 35.17 ng

RT: 12.33 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF087075.D

Acq: 16 May 2016 12:10

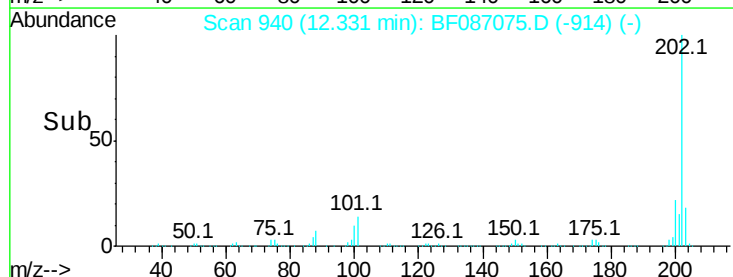
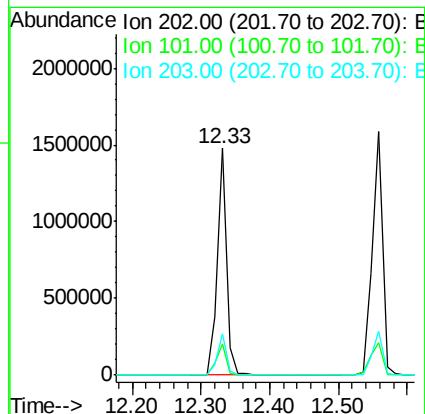
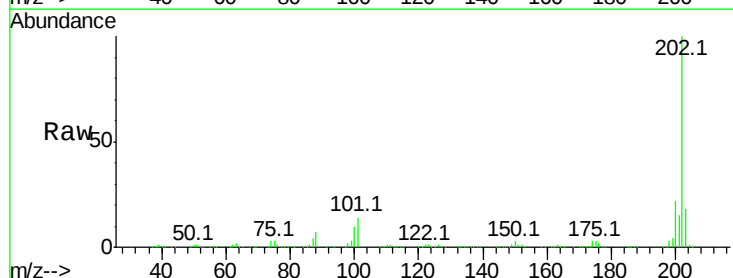
Tgt Ion:202 Resp: 1427033

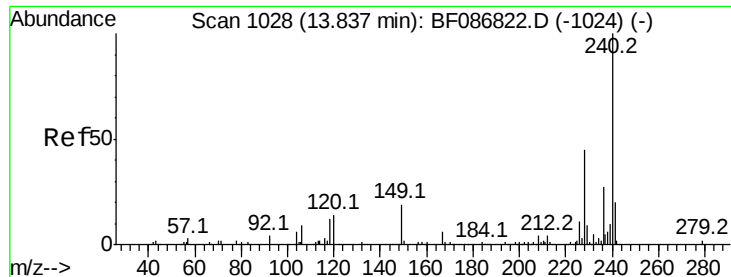
Ion Ratio Lower Upper

202 100

101 13.7 0.0 35.4

203 18.2 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.76 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BF087075.D

Acq: 16 May 2016 12:10

Instrument :

BNA_F

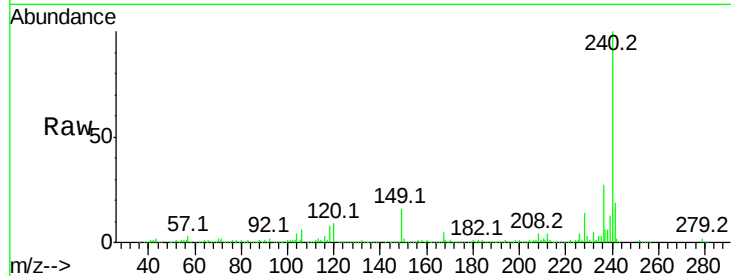
ClientSampleId :

SSTDCCC040

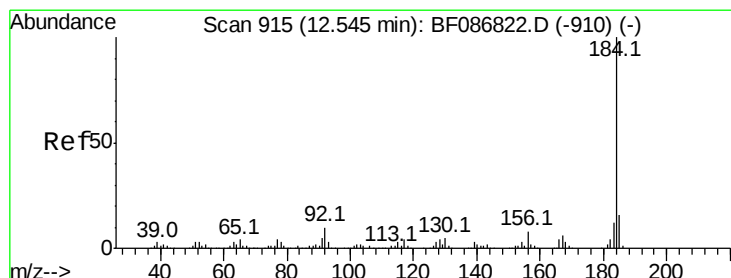
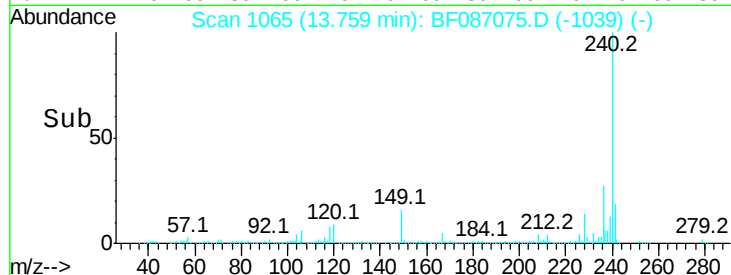
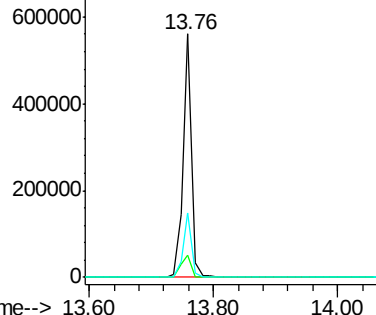
Tot Ion:	240	Resp:	521839
Ion Ratio		Lower	Upper
240	100		
120	8.9	11.2	16.8#
236	26.6	21.2	31.8

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 48.53 ng

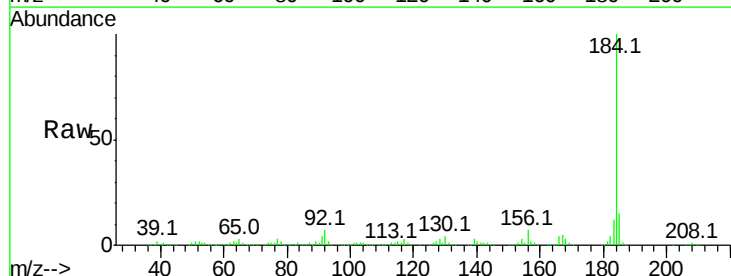
RT: 12.47 min Scan# 952

Delta R.T. 0.00 min

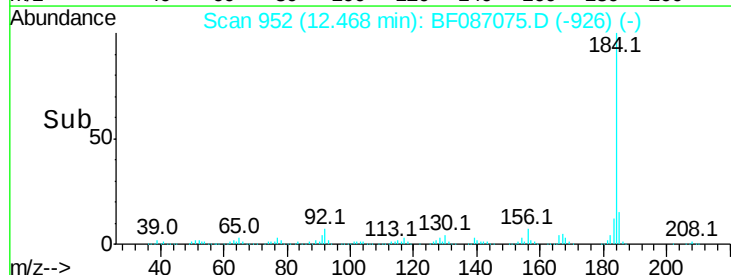
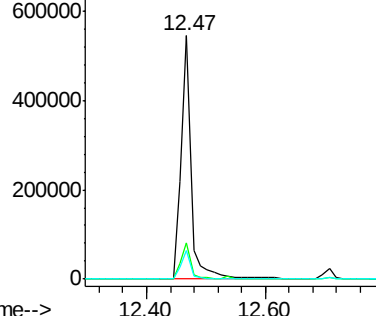
Lab File: BF087075.D

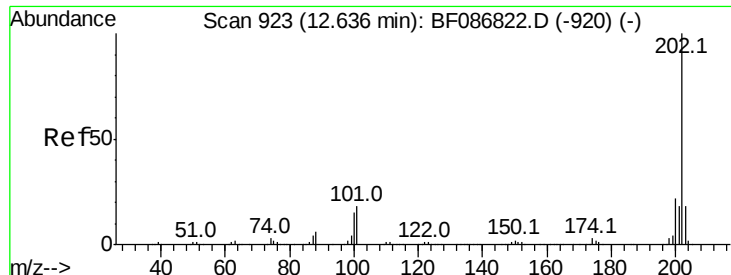
Acq: 16 May 2016 12:10

Tgt Ion:	184	Resp:	645640
Ion Ratio		Lower	Upper
184	100		
185	14.9	13.6	20.4
183	11.6	9.8	14.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 40.14 ng

RT: 12.56 min Scan# 960

Delta R.T. 0.00 min

Lab File: BF087075.D

Acq: 16 May 2016 12:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:202 Resp: 1603823

Ion Ratio Lower Upper

202 100

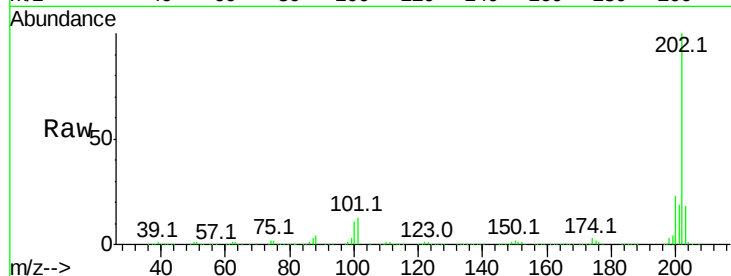
200 22.6 17.7 26.5

203 18.2 14.2 21.4

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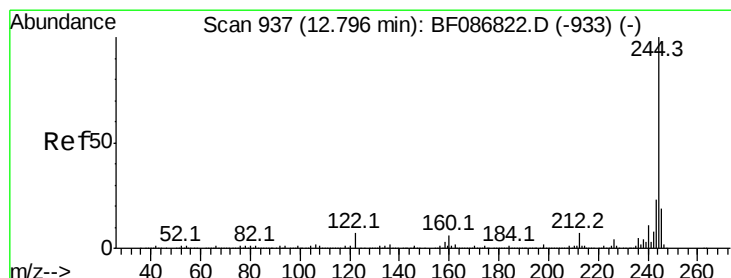
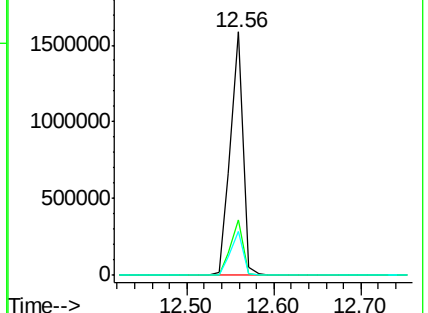
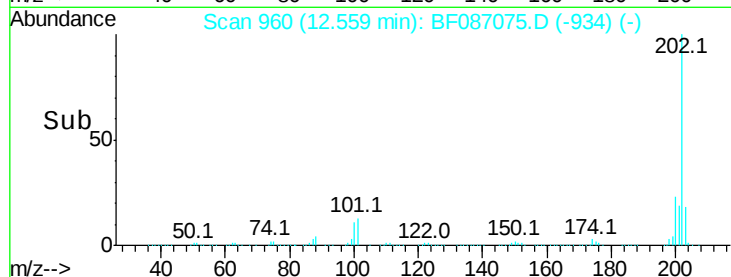
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 71.86 ng

RT: 12.71 min Scan# 973

Delta R.T. 0.00 min

Lab File: BF087075.D

Acq: 16 May 2016 12:10

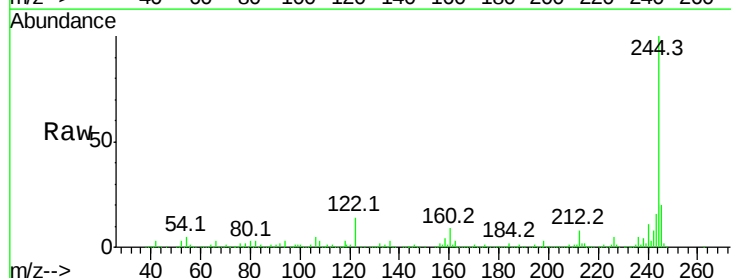
Tgt Ion:244 Resp: 1767330

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

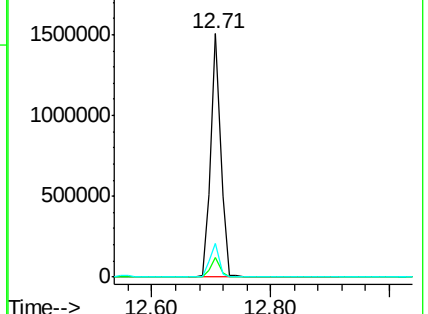
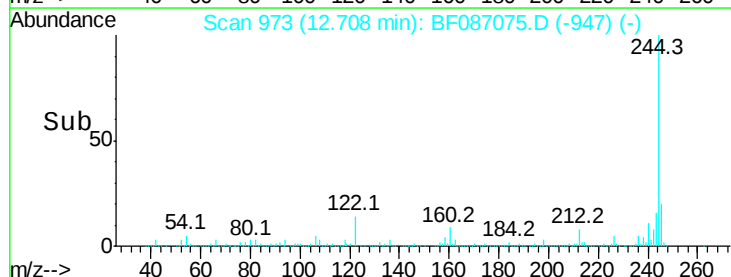
122 13.8 12.0 18.0

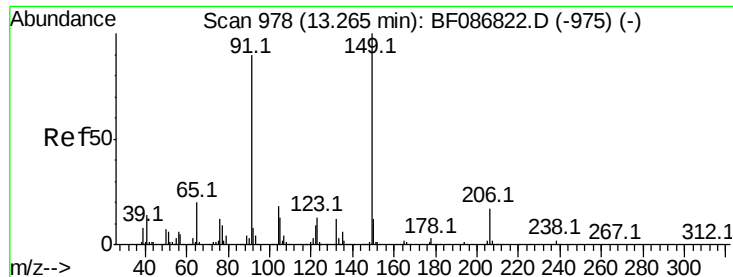


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





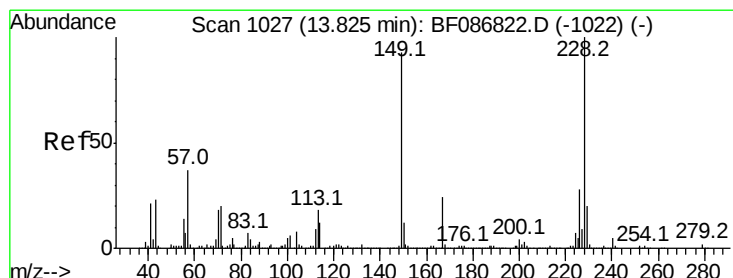
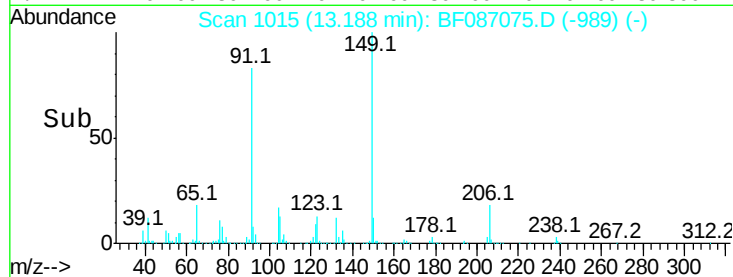
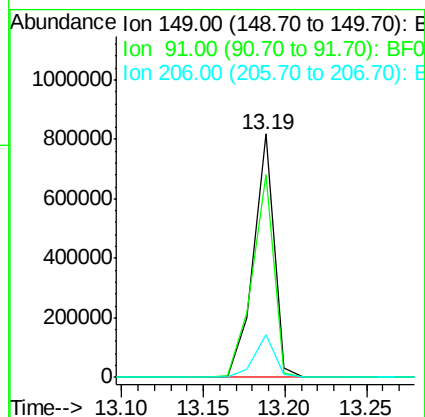
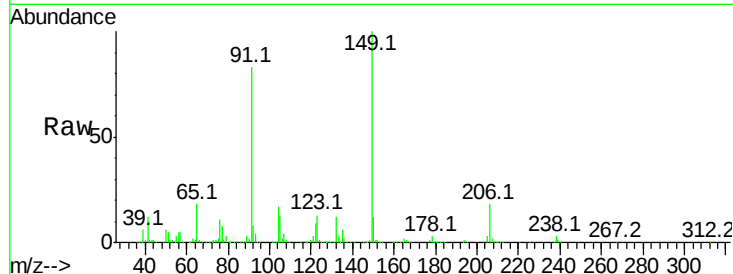
#79
Butylbenzylphthalate
Concen: 42.75 ng
RT: 13.19 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BF087075.D
Acq: 16 May 2016 12:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	722337		
91	83.1	48.0	72.0#	
206	17.7	15.8	23.6	

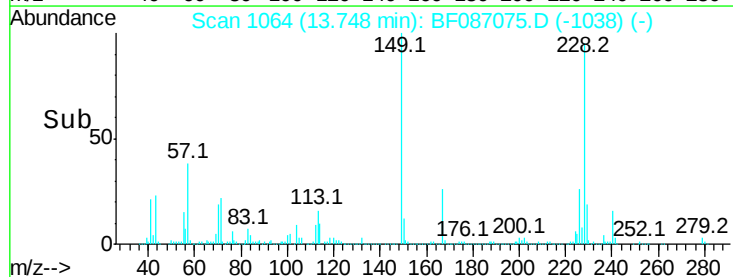
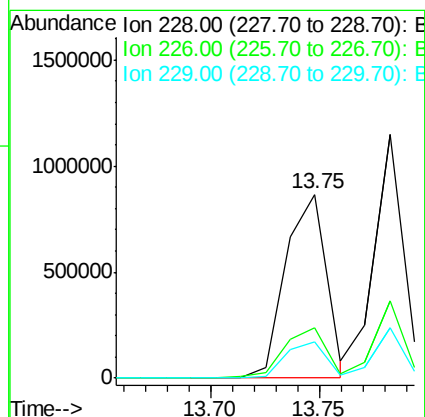
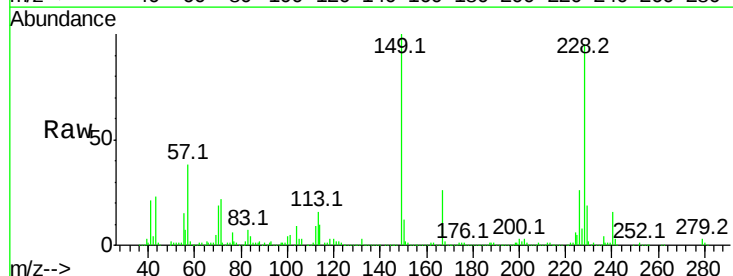
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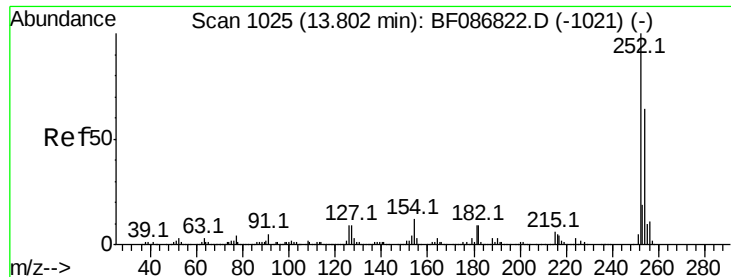
umangi
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#80
Benzo(a)anthracene
Concen: 38.99 ng
RT: 13.75 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF087075.D
Acq: 16 May 2016 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1142303		
226	27.1	22.5	33.7	
229	19.8	16.6	25.0	





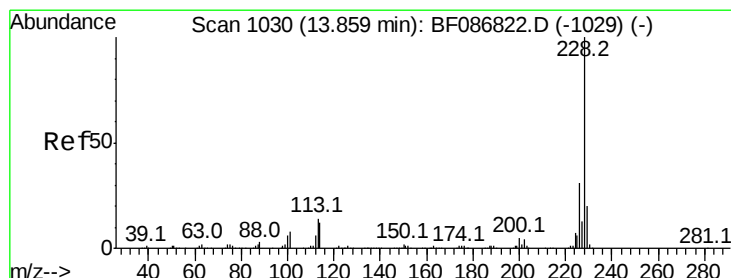
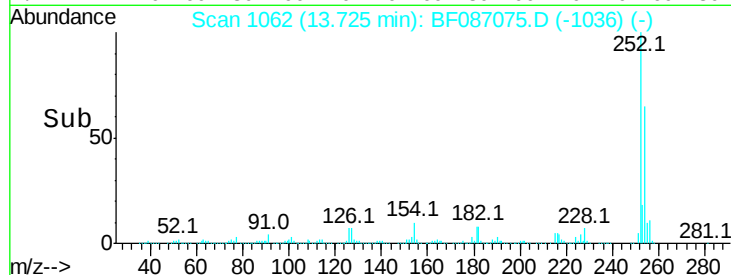
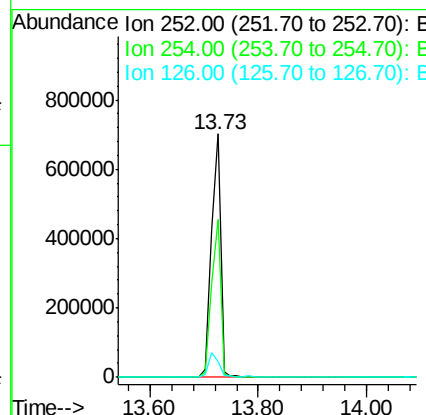
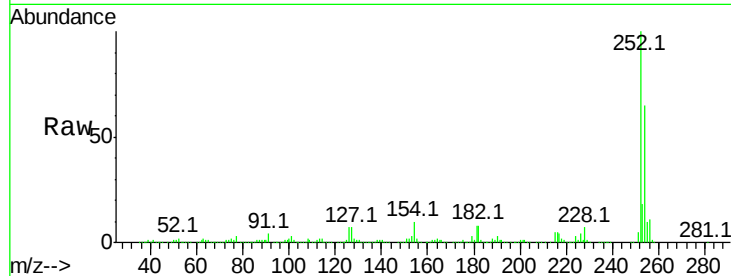
#81
 3,3'-Dichlorobenzidine
 Concen: 44.10 ng
 RT: 13.73 min Scan# 1062
 Delta R.T. 0.00 min
 Lab File: BF087075.D
 Acq: 16 May 2016 12:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	820910		
254	65.0		50.7	76.1
126	6.6		12.7	19.1

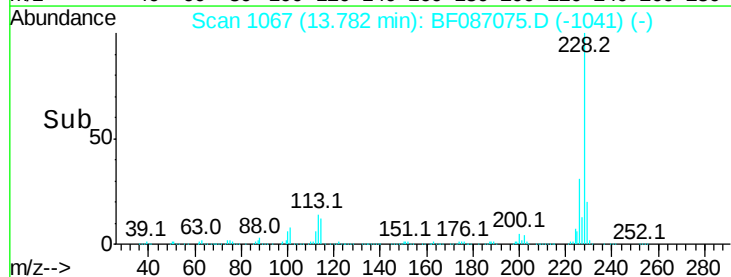
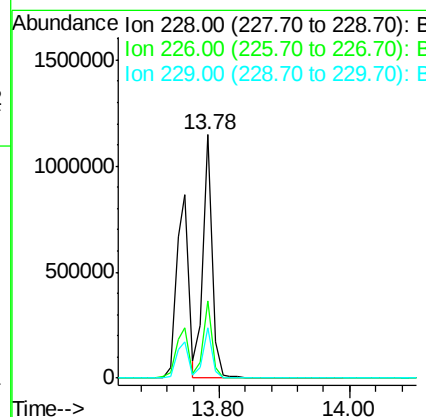
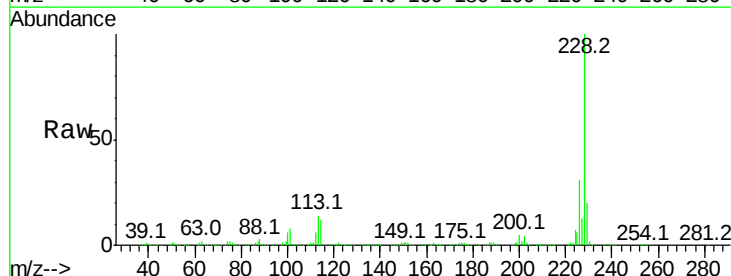
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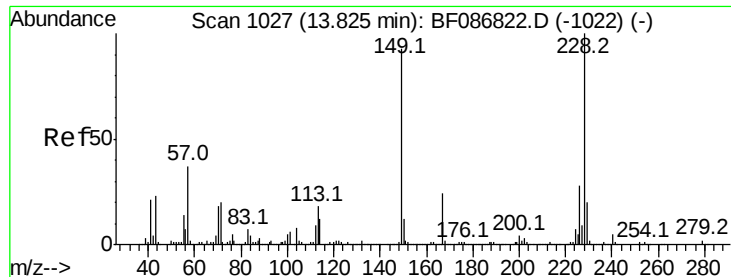
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#82
 Chrysene
 Concen: 37.29 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: BF087075.D
 Acq: 16 May 2016 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1111282		
226	31.5		24.4	36.6
229	20.4		15.8	23.8





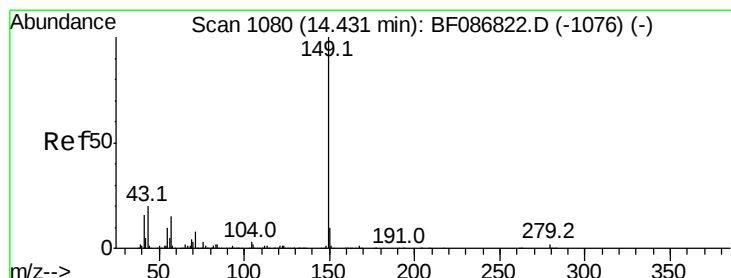
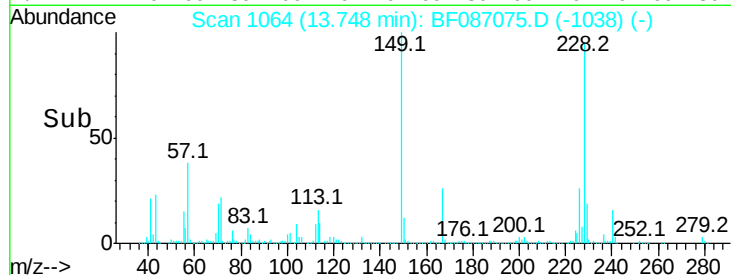
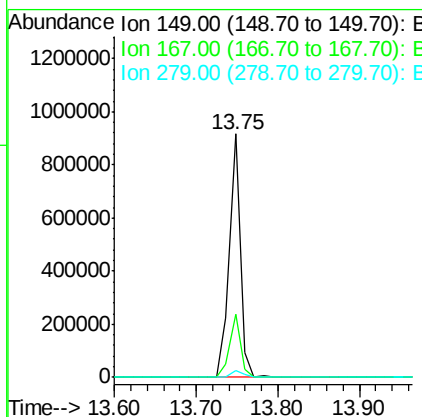
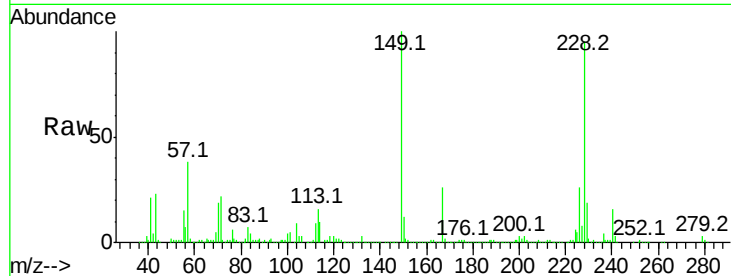
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.06 ng
 RT: 13.75 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BF087075.D
 Acq: 16 May 2016 12:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	25.7	21.8	32.6	
279	3.0	2.6	4.0	

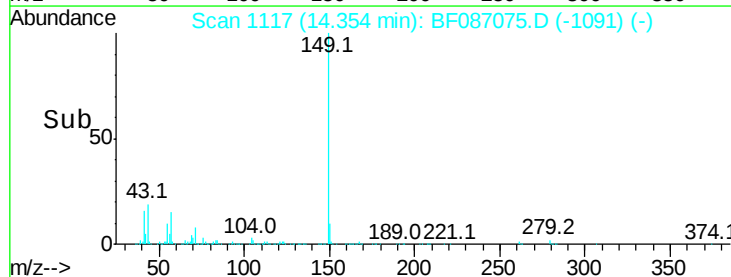
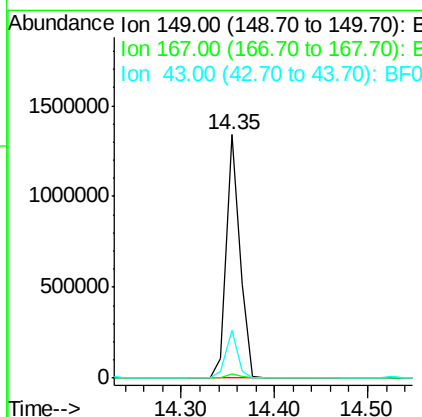
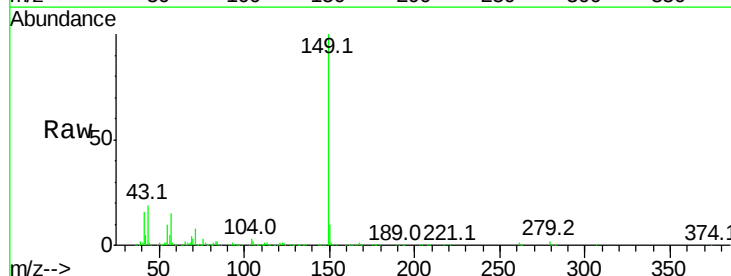
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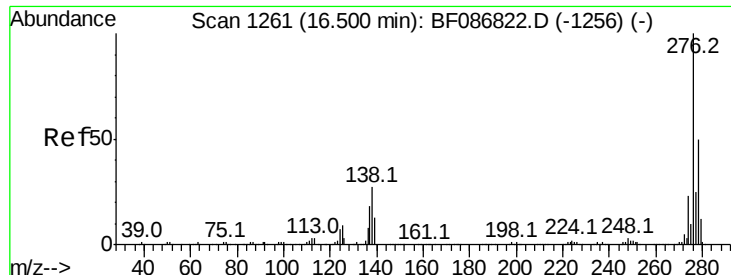
umangi
 5/17/2016 7:14:28 PM



#84
 Di-n-octyl phthalate
 Concen: 40.40 ng
 RT: 14.35 min Scan# 1117
 Delta R.T. 0.00 min
 Lab File: BF087075.D
 Acq: 16 May 2016 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.6	1.2	1.8	
43	17.2	8.2	12.4	





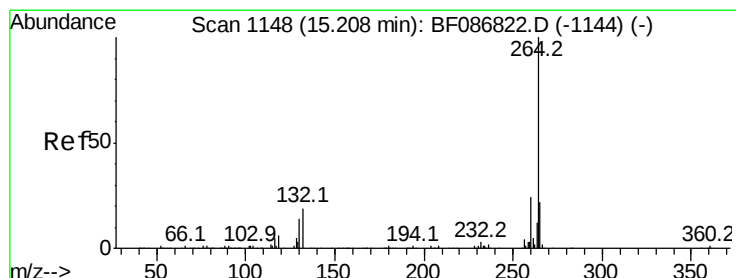
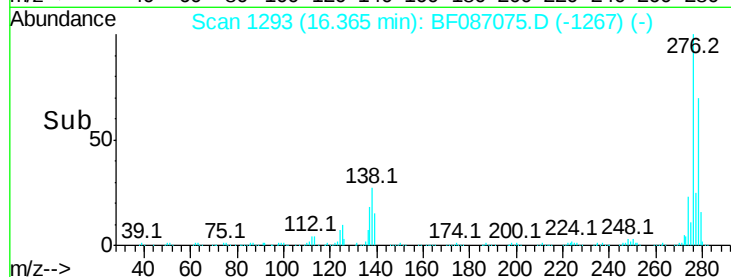
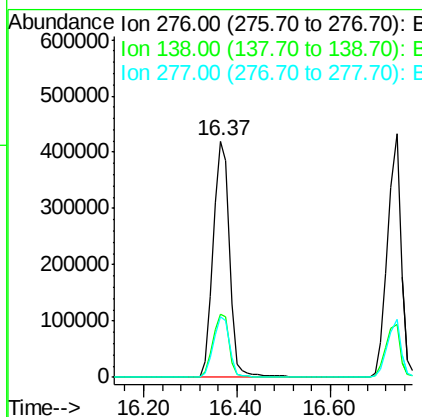
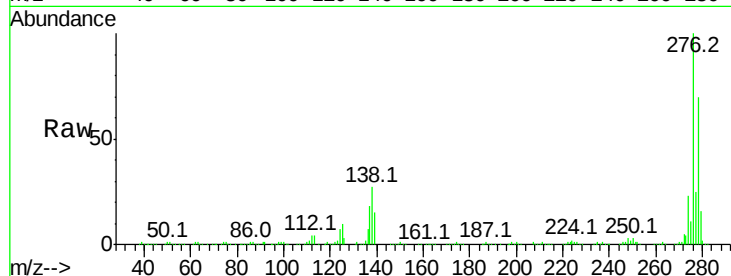
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.37 ng
 RT: 16.37 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: BF087075.D
 Acq: 16 May 2016 12:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.2	25.6	38.4
277	25.5	20.5	30.7

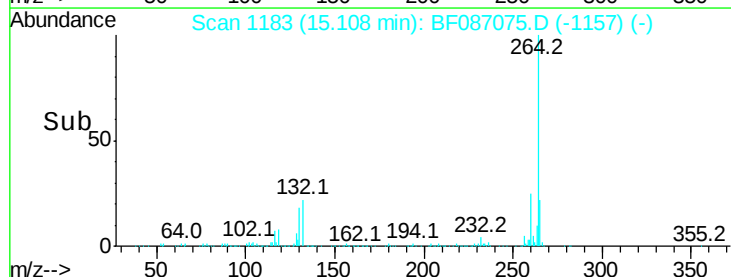
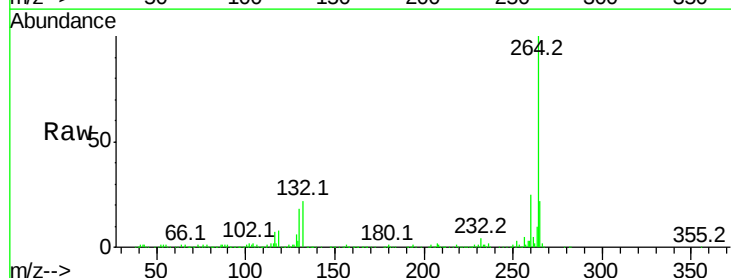
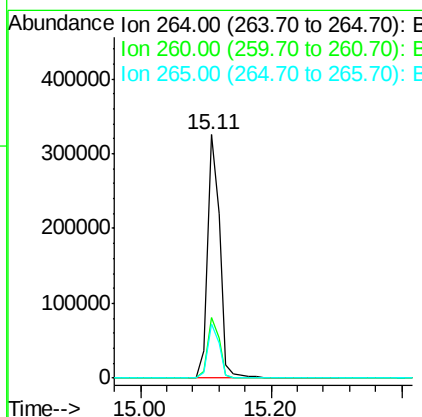
Manual Integrations
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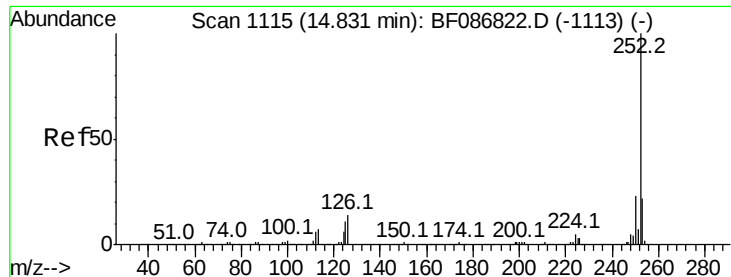
umangi
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.11 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF087075.D
 Acq: 16 May 2016 12:10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	22.3	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 35.32 ng m

RT: 14.74 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF087075.D

Acq: 16 May 2016 12:10

Instrument :

BNA_F

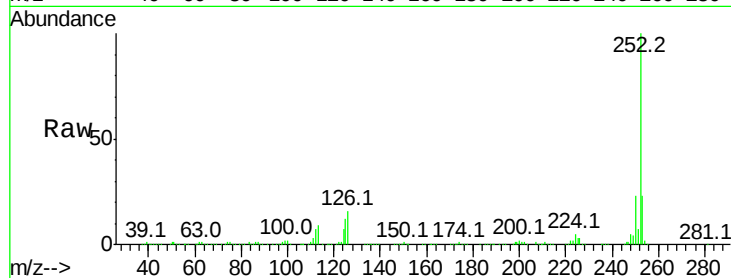
ClientSampleId :

SSTDCCC040

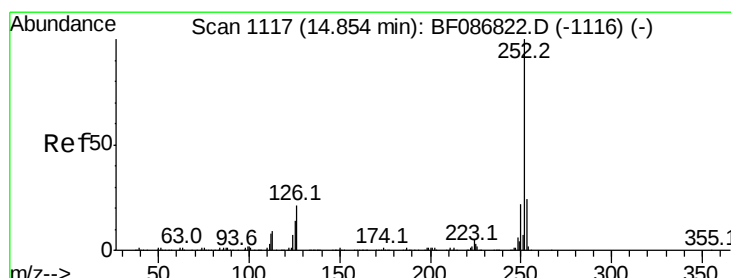
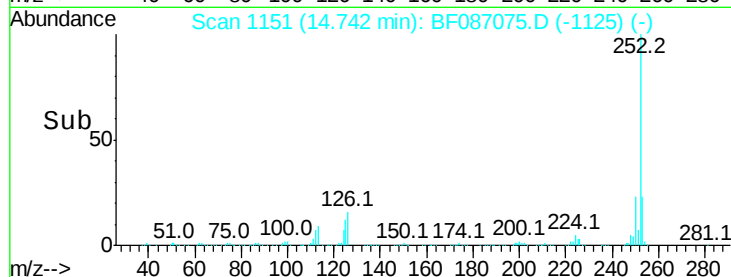
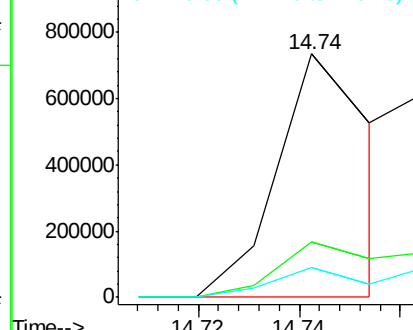
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	12.5	11.4	17.0

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 45.51 ng m

RT: 14.78 min Scan# 1154

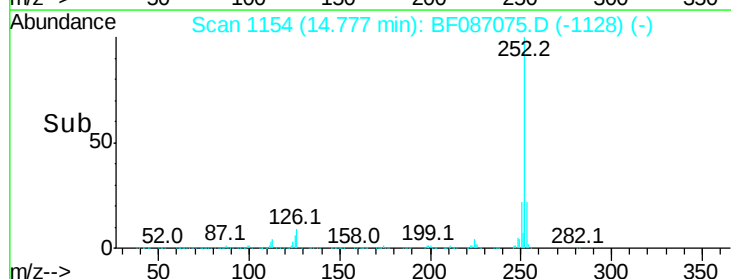
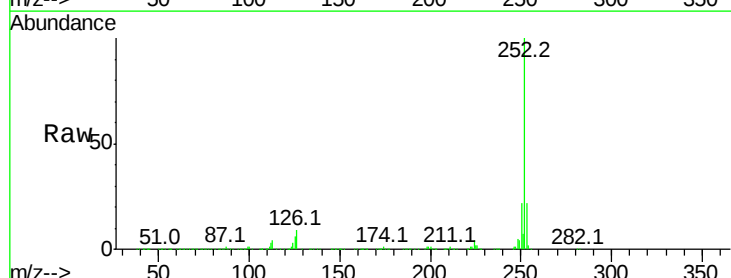
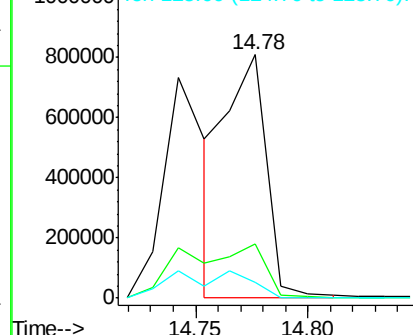
Delta R.T. 0.00 min

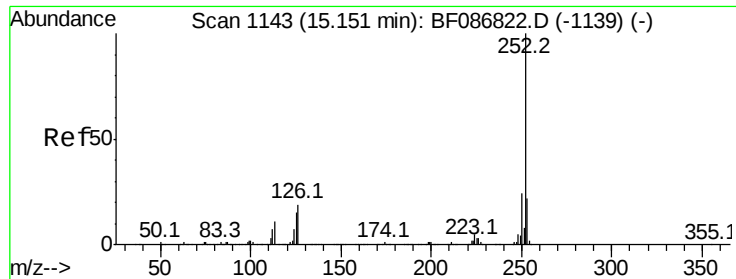
Lab File: BF087075.D

Acq: 16 May 2016 12:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	6.3	9.1	13.7#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





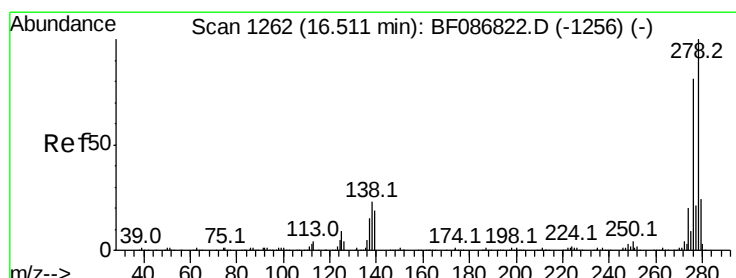
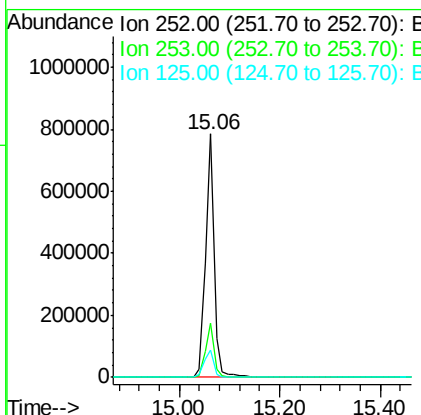
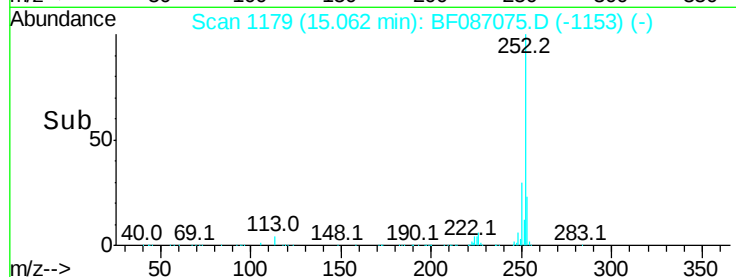
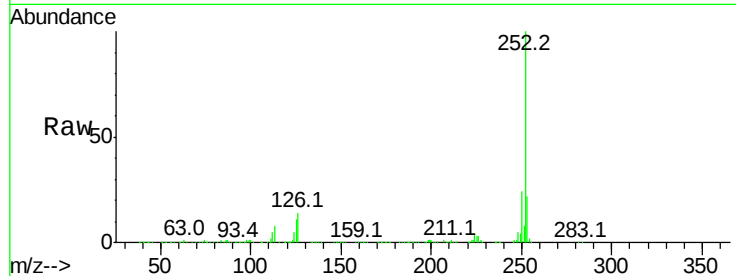
#89
Benzo(a)pyrene
Concen: 39.29 ng
RT: 15.06 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF087075.D
Acq: 16 May 2016 12:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	934845		
253	22.2		17.2	25.8
125	11.0		9.0	13.6

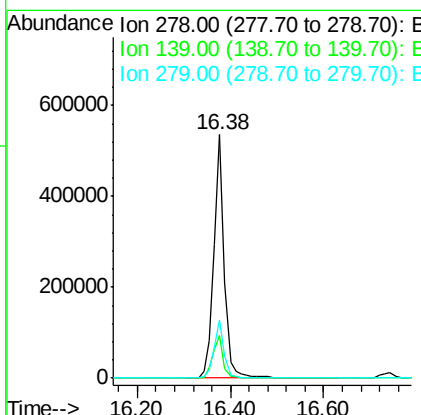
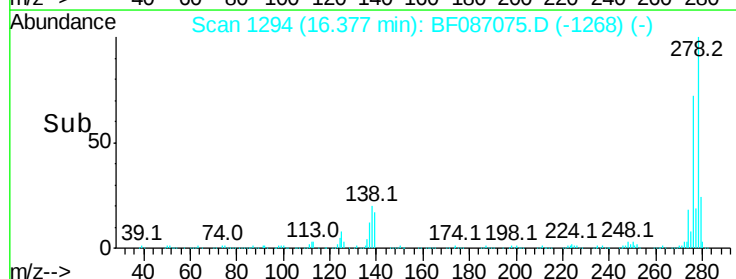
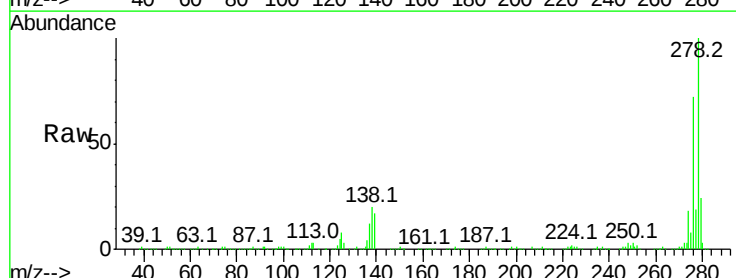
Manual Integrations
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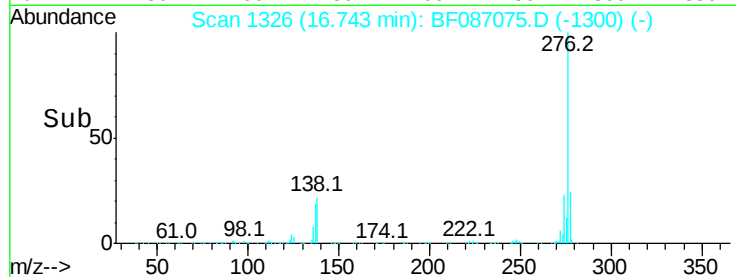
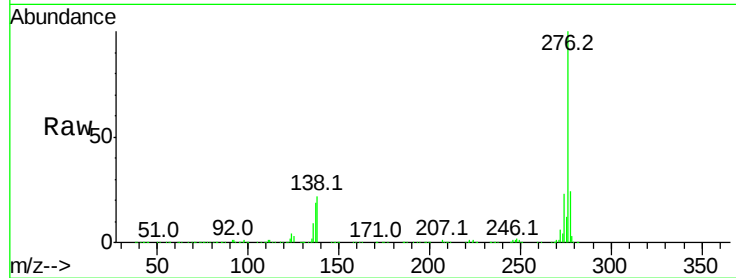
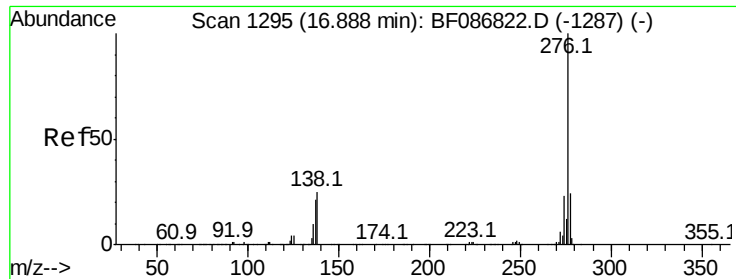
umangi
5/17/2016 7:14:28 PM



#90
Dibenzo(a,h)anthracene
Concen: 42.03 ng
RT: 16.38 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BF087075.D
Acq: 16 May 2016 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	842976		
139	17.3		16.6	24.8
279	23.9		19.6	29.4





#91

Benzo(a,h,i)perylene

Concen: 42.86 ng

RT: 16.74 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF087075.D

Acq: 16 May 2016 12:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.6	19.6	29.4
138	21.7	23.6	35.4

Manual Integrations
APPROVED

umangi
5/17/2016 7:14:28 PM

