

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042816\
 Data File : BF086477.D
 Acq On : 28 Apr 2016 21:54
 Operator : UM/SJ
 Sample : H2654-06MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-14(6-12FTBGS)MS

Manual Integrations
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 4/29/2016 4:53:18 PM

Quant Time: Apr 29 01:46:23 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	160439	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	679153	20.00	ng	-0.02
38) Acenaphthene-d10	9.82	164	291621	20.00	ng	-0.02
63) Phenanthrene-d10	11.31	188	510640	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	298710	20.00	ng	-0.02
86) Perylene-d12	15.33	264	319294	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	960293	103.24	ng	0.00
7) Phenol-d6	6.43	99	1223756	94.27	ng	-0.01
23) Nitrobenzene-d5	7.36	82	794484	63.05	ng	-0.02
41) 2,4,6-Tribromophenol	10.62	330	273229	88.85	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	1226727	70.87	ng	-0.02
78) Terphenyl-d14	12.89	244	852390	62.87	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	121461	24.86	ng	# 77
3) Pyridine	3.08	79	346667	29.98	ng	# 71
4) n-Nitrosodimethylamine	3.02	42	229626	34.84	ng	# 58
6) Aniline	6.45	93	386814	24.62	ng	97
8) 2-Chlorophenol	6.57	128	348786	30.11	ng	# 77
9) Benzaldehyde	6.33	77	69936	9.26	ng	97
10) Phenol	6.44	94	479628	33.12	ng	# 68
11) bis(2-Chloroethyl)ether	6.53	93	420238	33.56	ng	99
12) 1,3-Dichlorobenzene	6.73	146	382243	30.67	ng	96
13) 1,4-Dichlorobenzene	6.81	146	393931	30.64	ng	98
14) 1,2-Dichlorobenzene	6.96	146	357653	30.33	ng	97
15) Benzyl Alcohol	6.93	79	312268	38.02	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.07	45	772350	30.82	ng	88
17) 2-Methylphenol	7.05	107	302975	32.36	ng	# 93
18) Hexachloroethane	7.30	117	140524	29.25	ng	99
19) n-Nitroso-di-n-propylamine	7.21	70	268171	31.25	ng	# 70
20) 3+4-Methylphenols	7.21	107	370320	34.64	ng	91
22) Acetophenone	7.21	105	523531	35.16	ng	# 89
24) Nitrobenzene	7.38	77	428449	33.06	ng	# 90
25) Isophorone	7.62	82	798558	32.93	ng	97
26) 2-Nitrophenol	7.69	139	190291	31.89	ng	# 72
27) 2,4-Dimethylphenol	7.73	122	350566	33.48	ng	92
28) bis(2-Chloroethoxy)methane	7.84	93	474728	35.93	ng	99
29) 2,4-Dichlorophenol	7.94	162	309304	35.01	ng	95
30) 1,2,4-Trichlorobenzene	8.02	180	325189	31.73	ng	98
31) Naphthalene	8.10	128	1135430	32.86	ng	99
32) Benzoic acid	7.79	122	19316m	11.27	ng	
33) 4-Chloroaniline	8.14	127	260530	20.13	ng	# 92
34) Hexachlorobutadiene	8.21	225	169686	29.53	ng	97
35) Caprolactam	8.51	113	90410	30.68	ng	# 53
36) 4-Chloro-3-methylphenol	8.64	107	325277	32.16	ng	93
37) 2-Methylnaphthalene	8.78	142	652544	32.00	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	281826	33.76	ng	97
40) Hexachlorocyclopentadiene	8.94	237	191834	46.25	ng	95

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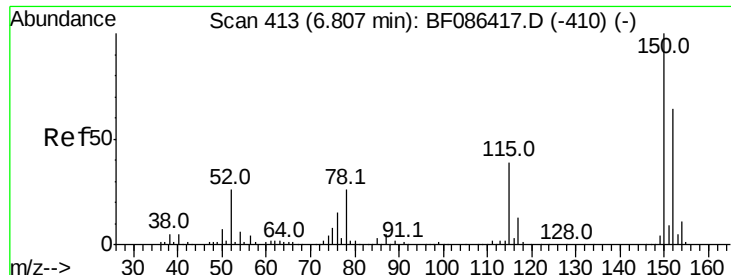
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	193733	36.72	nq	94
43) 2,4,5-Trichlorophenol	9.12	196	202820	35.27	nq	96
45) 1,1'-Biphenyl	9.25	154	807804	33.14	nq	96
46) 2-Chloronaphthalene	9.28	162	603520	32.56	nq	94
47) 2-Nitroaniline	9.38	65	224944	37.85	nq	96
48) Acenaphthylene	9.69	152	904491	31.22	nq	99
49) Dimethylphthalate	9.56	163	924962	42.13	nq	99
50) 2,6-Dinitrotoluene	9.62	165	160029	35.28	nq	95
51) Acenaphthene	9.86	154	575503	30.93	nq	98
52) 3-Nitroaniline	9.79	138	149454	28.97	nq	92
53) 2,4-Dinitrophenol	9.89	184	42678	23.36	nq	97
54) Dibenzofuran	10.03	168	807669	34.73	nq	94
55) 4-Nitrophenol	9.95	139	197040	58.34	nq	# 67
56) 2,4-Dinitrotoluene	10.02	165	195684	33.85	nq	95
57) Fluorene	10.37	166	574491	28.45	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	161923	36.01	nq	93
59) Diethylphthalate	10.26	149	729242	35.09	nq	97
60) 4-Chlorophenyl-phenylether	10.37	204	305377	33.31	nq	# 85
61) 4-Nitroaniline	10.40	138	151142	29.98	nq	79
62) Azobenzene	10.53	77	826497	36.31	nq	91
64) 4,6-Dinitro-2-methylphenol	10.43	198	56769m	18.94	nq	
65) n-Nitrosodiphenylamine	10.49	169	530146	33.22	nq	99
66) 4-Bromophenyl-phenylether	10.85	248	163427m	31.06	nq	
67) Hexachlorobenzene	10.92	284	195958	32.17	nq	# 84
68) Atrazine	11.01	200	167820	35.02	nq	94
69) Pentachlorophenol	11.12	266	177986	55.43	nq	97
70) Phenanthrene	11.33	178	856071	31.95	nq	99
71) Anthracene	11.39	178	926226	32.39	nq	99
72) Carbazole	11.54	167	791351	31.22	nq	99
73) Di-n-butylphthalate	11.88	149	1044583	36.38	nq	99
74) Fluoranthene	12.51	202	791717	29.27	nq	97
76) Benzidine	12.65	184	225660	21.98	nq	95
77) Pyrene	12.74	202	739937	34.38	nq	100
79) Butylbenzylphthalate	13.37	149	346135	37.13	nq	# 79
80) Benzo(a)anthracene	13.93	228	536917	33.71	nq	99
81) 3,3'-Dichlorobenzidine	13.89	252	161150	15.14	nq	98
82) Chrysene	13.96	228	527945	30.50	nq	98
83) Bis(2-ethylhexyl)phthalate	13.93	149	421751	36.45	nq	# 96
84) Di-n-octyl phthalate	14.53	149	711346	39.26	nq	# 88
85) Indeno(1,2,3-cd)pyrene	16.69	276	629522	49.08	nq	97
87) Benzo(b)fluoranthene	14.95	252	570464m	30.37	nq	
88) Benzo(k)fluoranthene	14.97	252	586754m	29.95	nq	
89) Benzo(a)pyrene	15.29	252	581631	32.80	nq	98
90) Dibenzo(a,h)anthracene	16.71	278	535208	36.88	nq	99
91) Benzo(g,h,i)perylene	17.09	276	499837	34.37	nq	96

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



#1

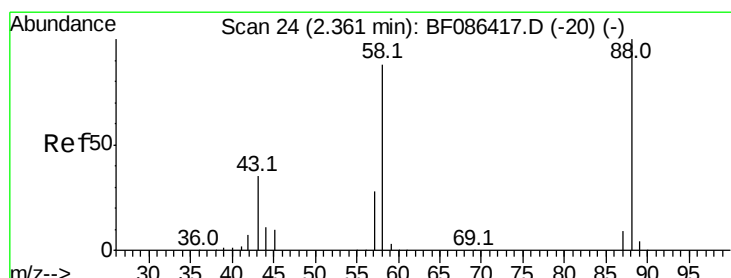
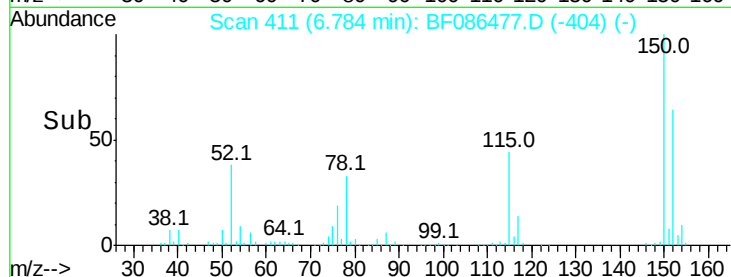
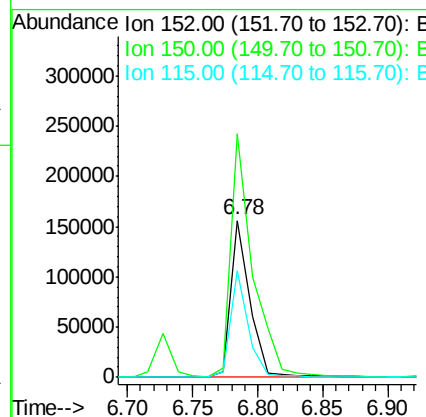
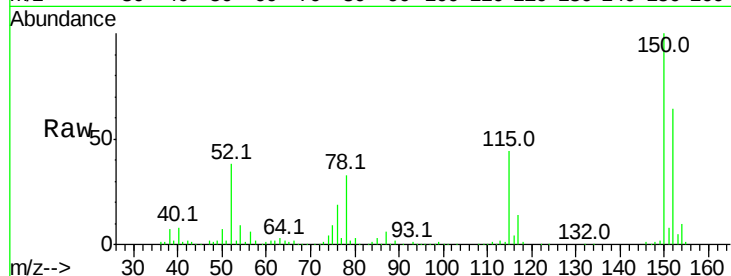
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.02 min
Lab File: BF086477.D
Acq: 28 Apr 2016 21:54

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-14(6-12FTBGS)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	125.8	188.6
115	68.1	51.5	77.3

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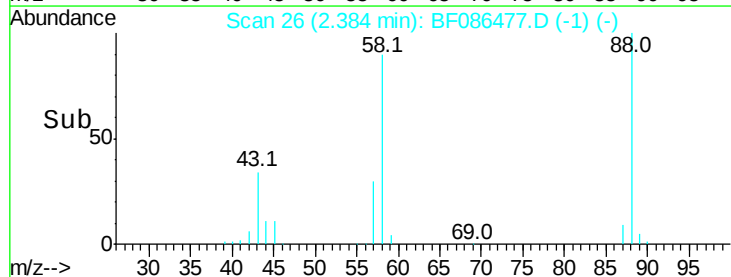
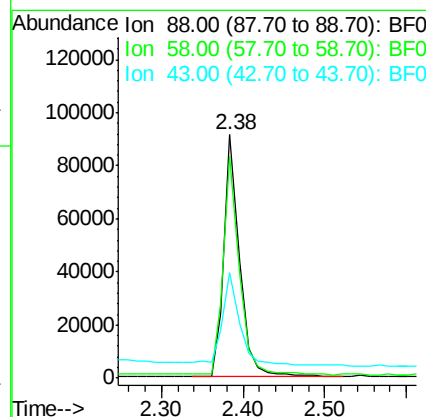
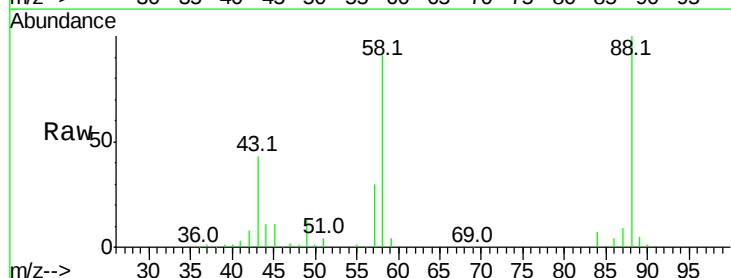
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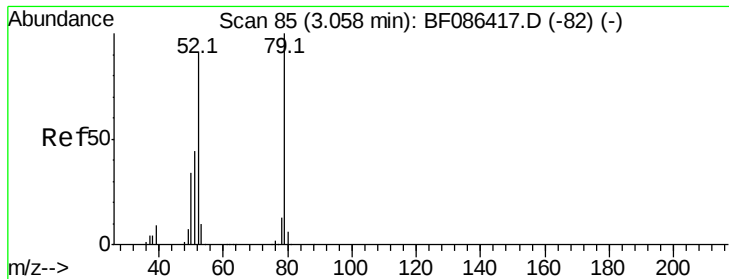


#2

1,4-Dioxane
Concen: 24.86 ng
RT: 2.38 min Scan# 26
Delta R.T. 0.02 min
Lab File: BF086477.D
Acq: 28 Apr 2016 21:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	92.3	59.6	89.4#
43	41.9	21.8	32.6#





#3

Pvridine

Concen: 29.98 ng

RT: 3.08 min Scan# 87

Delta R.T. 0.02 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

Instrument :

BNA_F

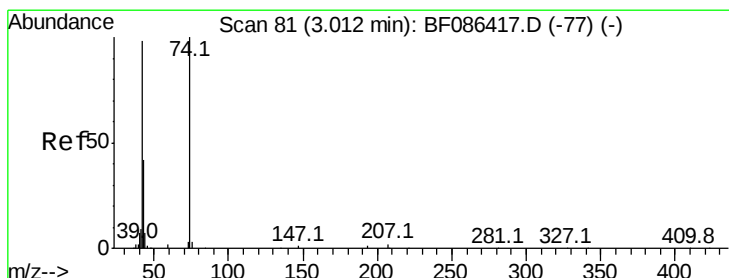
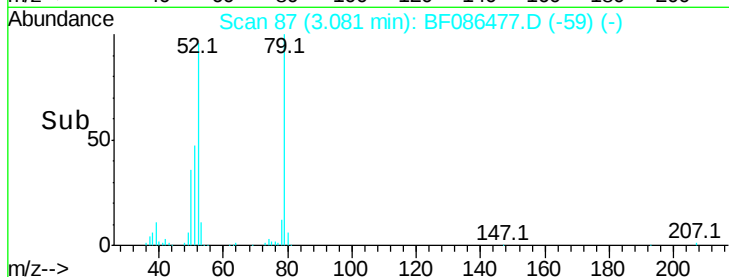
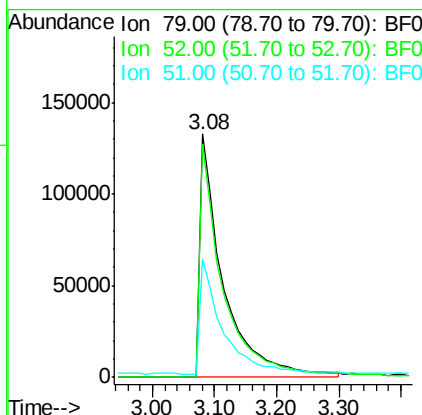
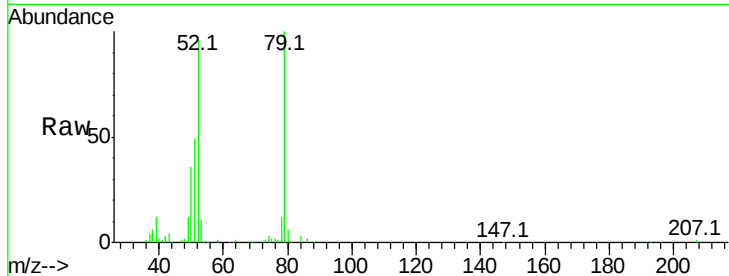
ClientSampleId :

26WARD-2A-CS-14(6-12FTBGS)MS

Tot Ion:	79	Resp:	346667
Ion Ratio	Lower	Upper	
79	100		
52	95.9	55.9	83.9#
51	48.8	28.1	42.1#

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#4

n-Nitrosodimethylamine

Concen: 34.84 ng

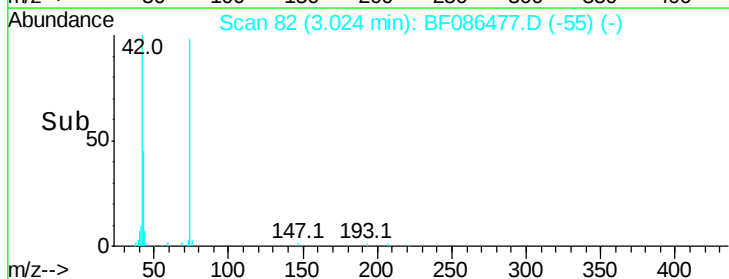
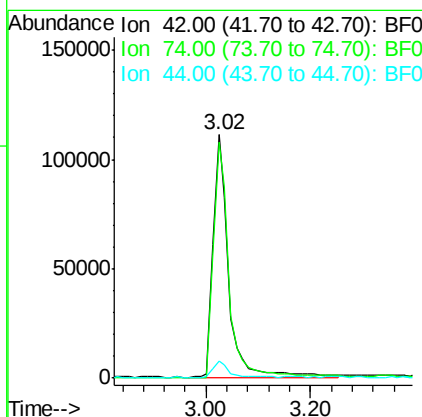
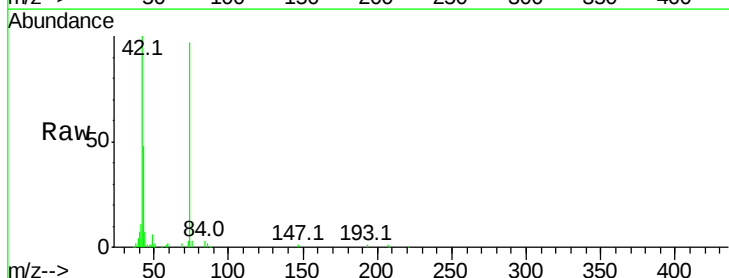
RT: 3.02 min Scan# 82

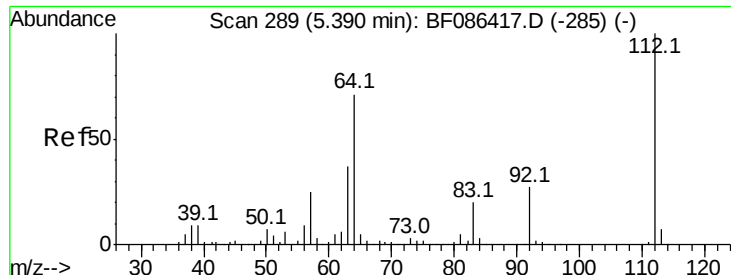
Delta R.T. 0.01 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

Tgt Ion:	42	Resp:	229626
Ion Ratio	Lower	Upper	
42	100		
74	97.0	123.4	185.0#
44	7.0	5.8	8.6





#5

2-Fluorophenol

Concen: 103.24 ng

RT: 5.39 min Scan# 289

Delta R.T. 0.00 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

Instrument :

BNA_F

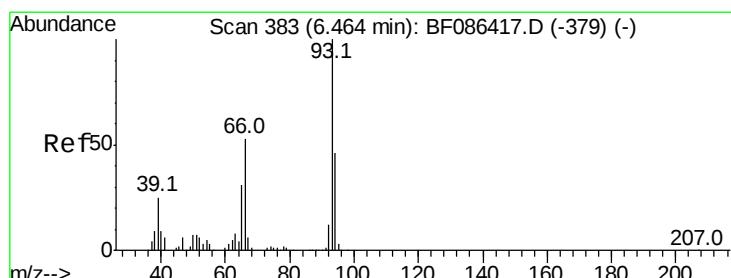
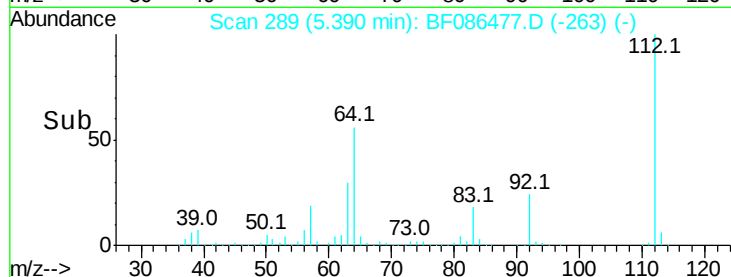
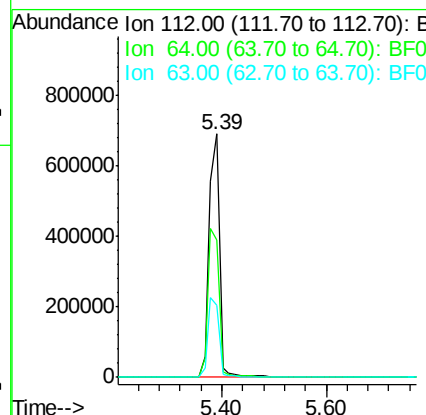
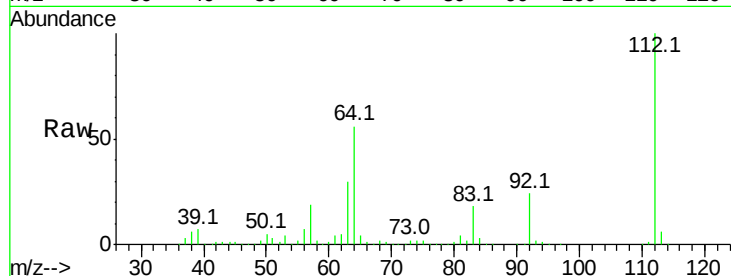
ClientSampleId :

26WARD-2A-CS-14(6-12FTBGS)MS

Tot Ion:	112	Resp:	960293
Ion Ratio	Lower	Upper	
112	100		
64	56.4	52.1	78.1
63	29.6	25.7	38.5

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#6

Aniline

Concen: 24.62 ng

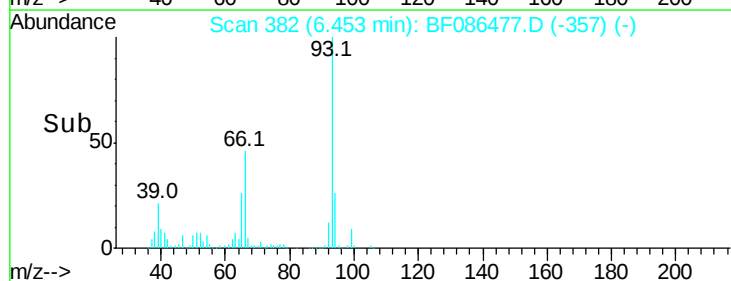
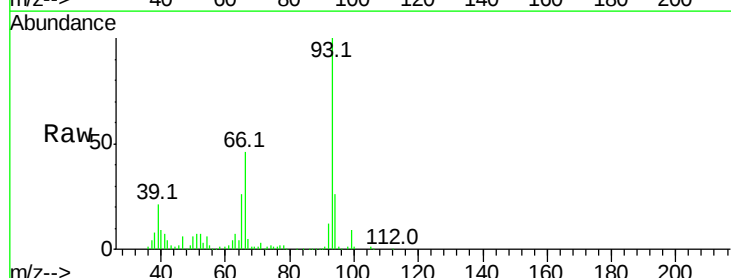
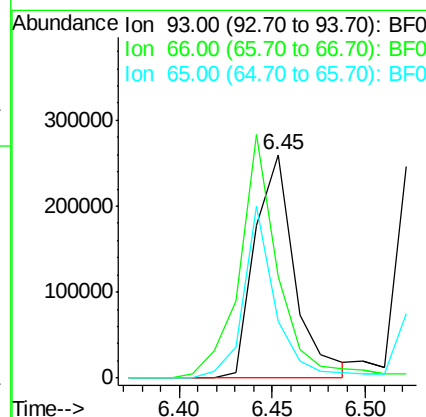
RT: 6.45 min Scan# 382

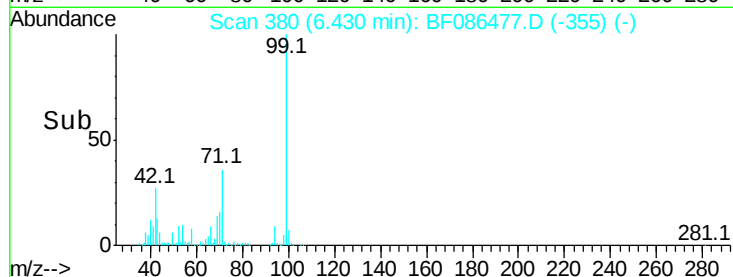
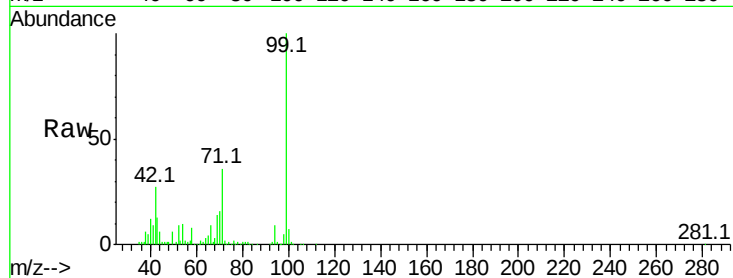
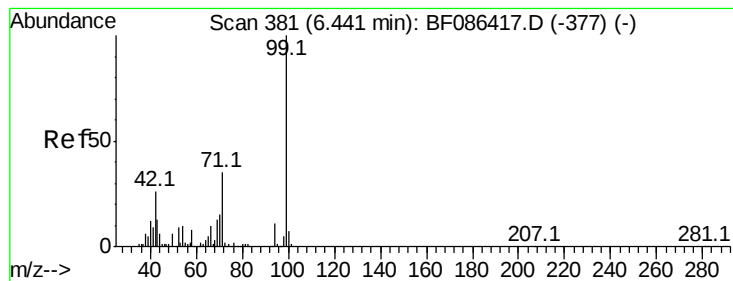
Delta R.T. -0.01 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

Tgt Ion:	93	Resp:	386814
Ion Ratio	Lower	Upper	
93	100		
66	45.6	39.0	58.6
65	25.5	20.6	31.0





#7

Phenol-d6

Concen: 94.27 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF086477.D

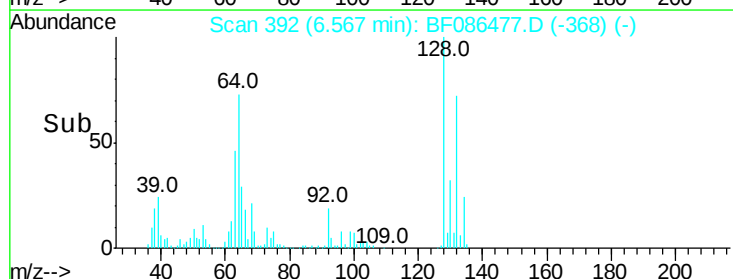
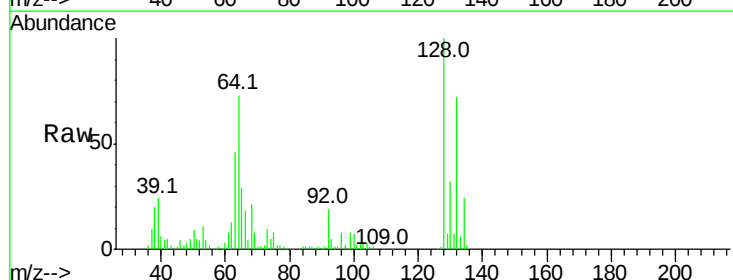
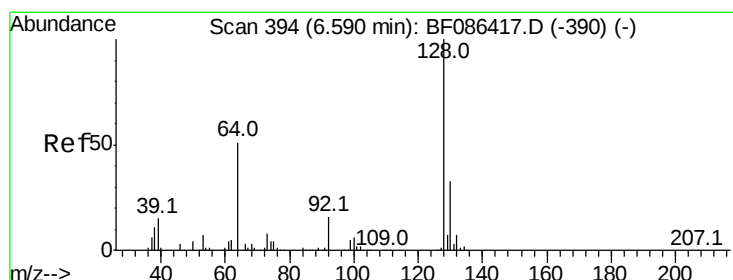
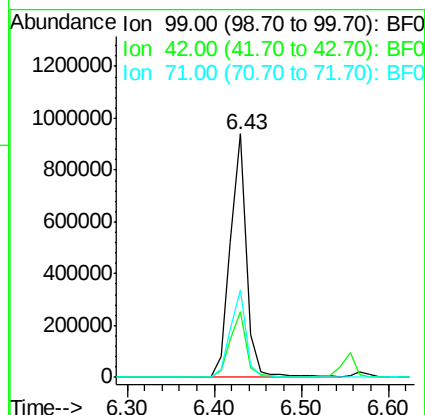
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Tot Ion	99	Resp	1223756
Ion	Ratio	Lower	Upper
99	100		
42	27.2	13.6	20.4#
71	35.9	24.6	36.8

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#8

2-Chlorophenol

Concen: 30.11 ng

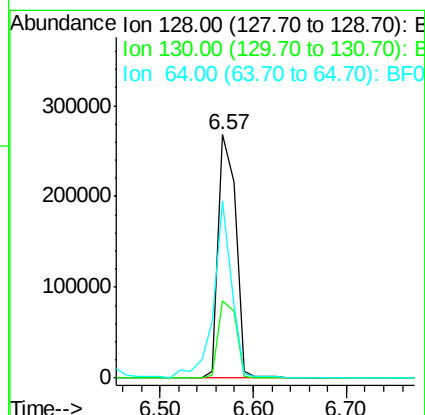
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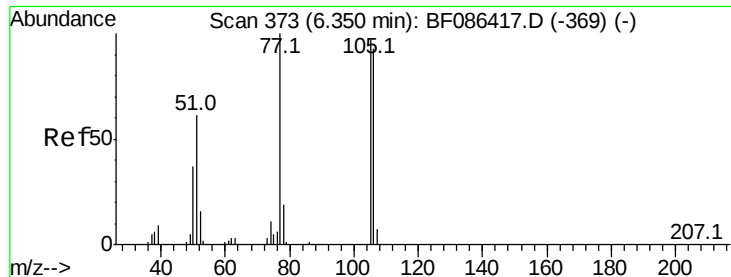
Delta R.T. -0.02 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

Tgt Ion	128	Resp	348786
Ion	Ratio	Lower	Upper
128	100		
130	31.5	12.5	52.5
64	72.7	27.3	67.3#





#9

Benzaldehyde

Concen: 9.26 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.02 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

Instrument :

BNA_F

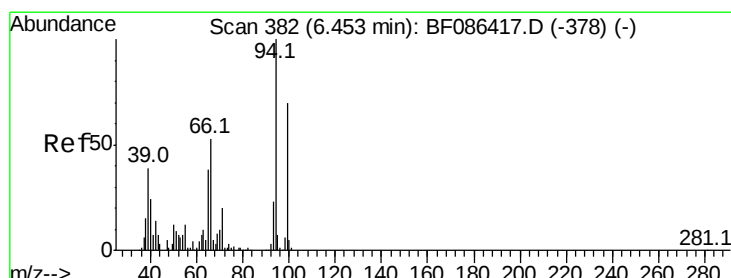
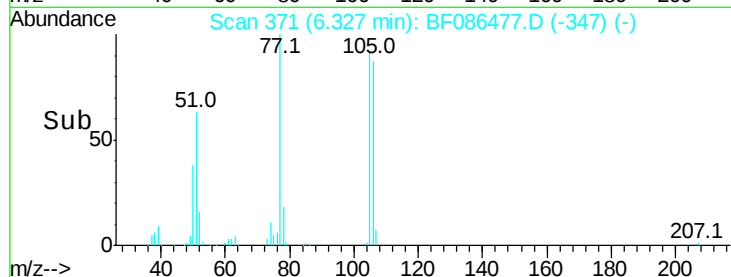
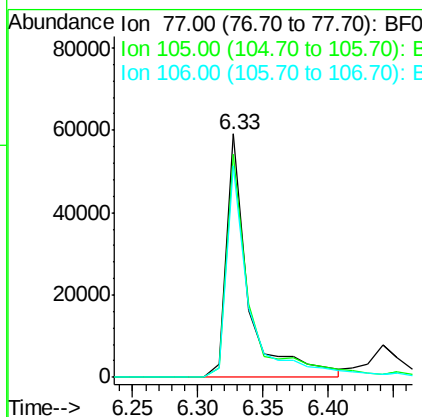
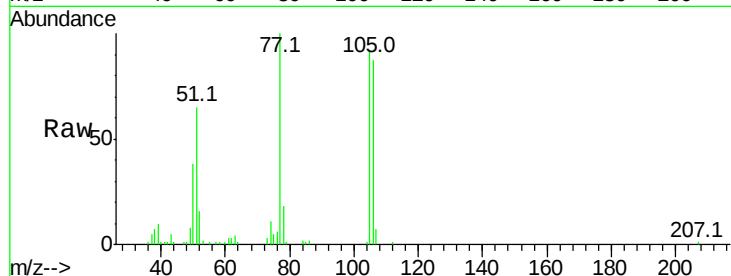
ClientSampleId :

26WARD-2A-CS-14(6-12FTBGS)MS

Manual Integrations
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Tot Ion:	77	Resp:	69936
Ion Ratio	Lower	Upper	
77	100		
105	91.6	72.7	112.7
106	86.8	70.8	110.8



#10

Phenol

Concen: 33.12 ng

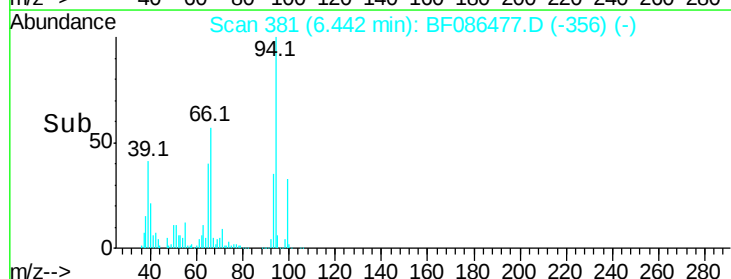
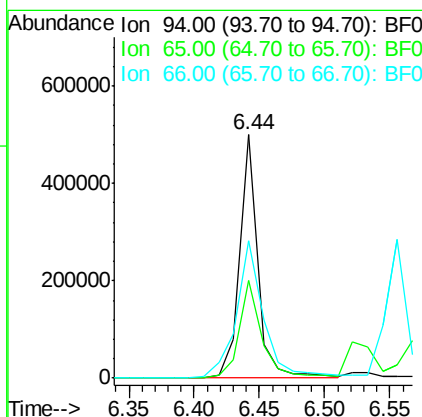
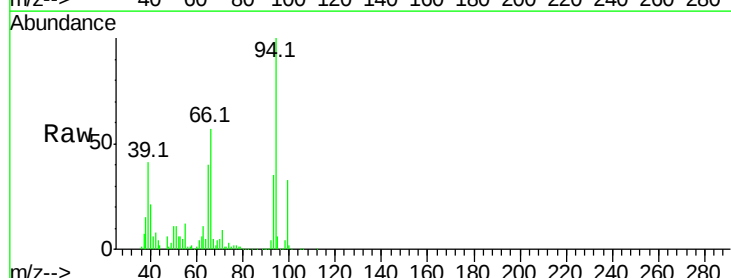
RT: 6.44 min Scan# 381

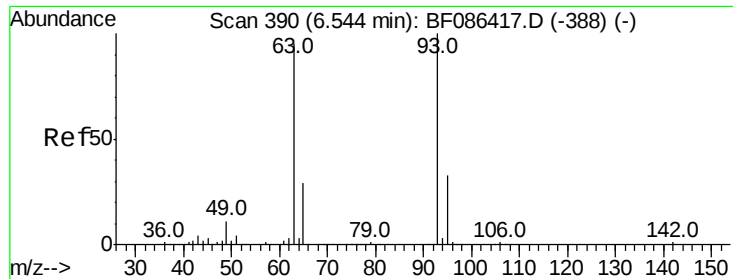
Delta R.T. -0.01 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

Tgt Ion:	94	Resp:	479628
Ion Ratio	Lower	Upper	
94	100		
65	40.0	7.2	47.2
66	56.6	14.9	54.9#





#11

bis(2-Chloroethyl)ether

Concen: 33.56 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

Instrument :

BNA_F

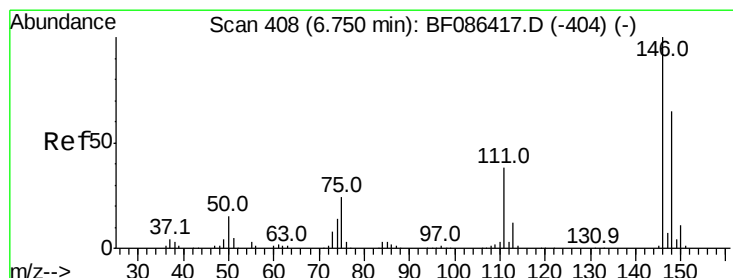
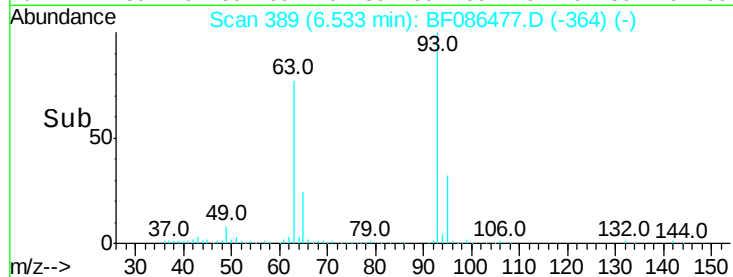
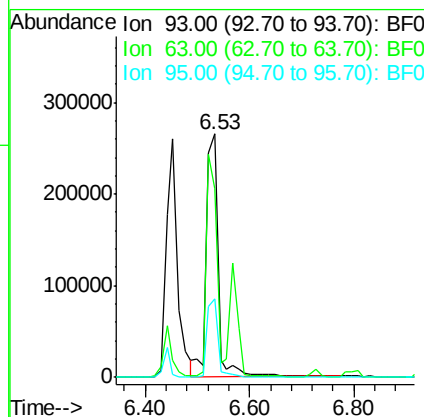
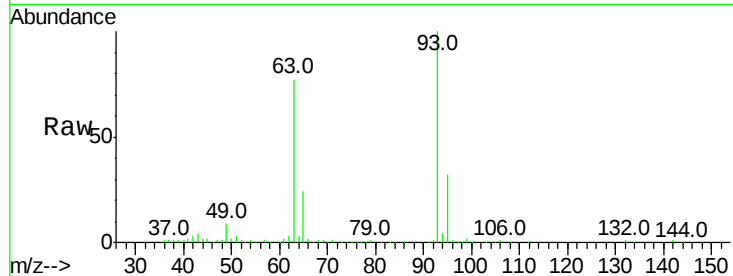
ClientSampleId :

26WARD-2A-CS-14(6-12FTBGS)MS

Tot Ion:	93	Resp:	420238
Ion Ratio	Lower	Upper	
93	100		
63	77.3	58.0	98.0
95	32.4	11.9	51.9

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#12

1,3-Dichlorobenzene

Concen: 30.67 ng

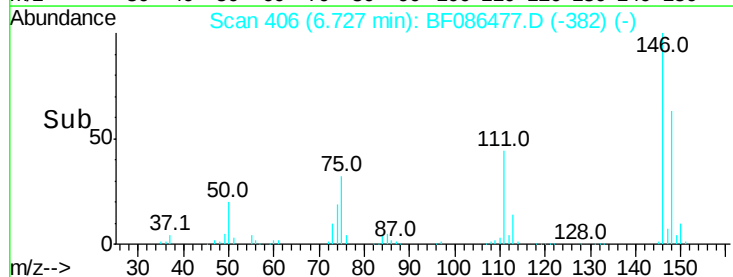
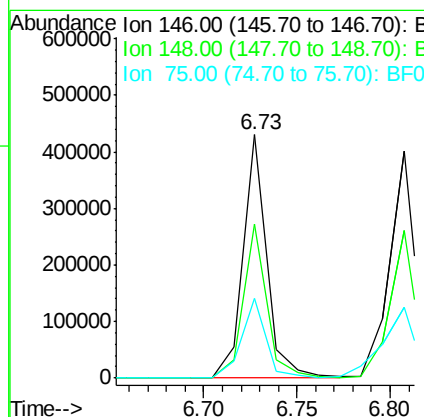
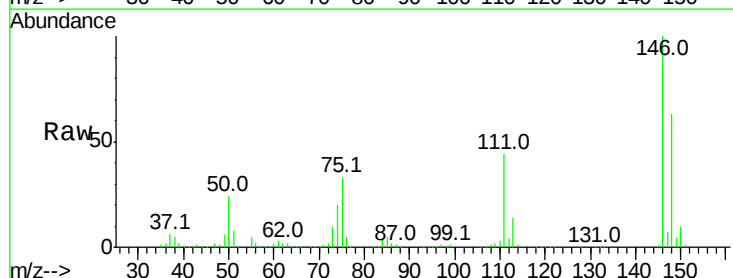
RT: 6.73 min Scan# 406

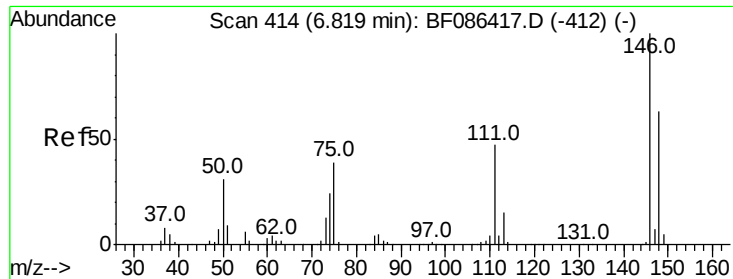
Delta R.T. -0.02 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

Tgt Ion:	146	Resp:	382243
Ion Ratio	Lower	Upper	
146	100		
148	63.5	52.4	78.6
75	32.8	22.8	34.2





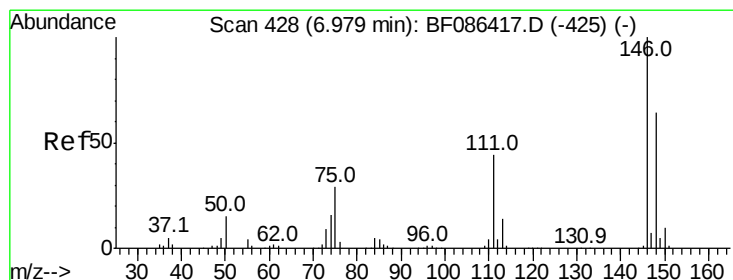
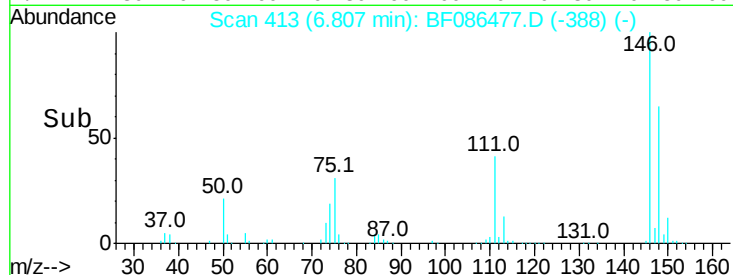
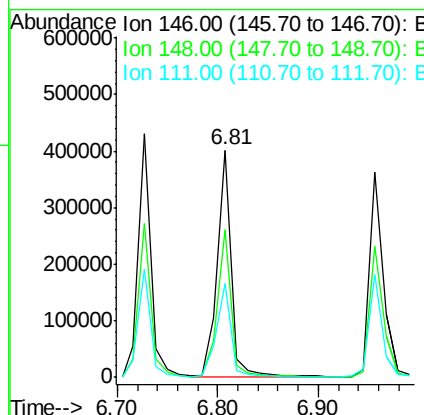
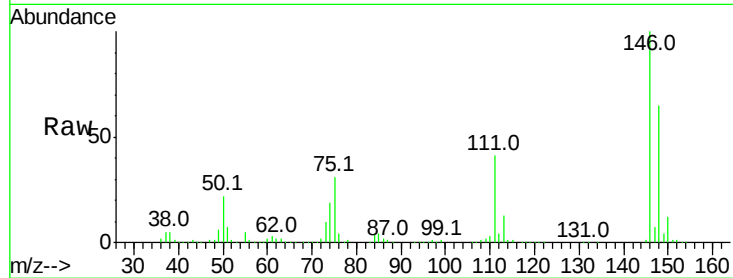
#13
 1,4-Dichlorobenzene
 Concen: 30.64 ng
 RT: 6.81 min Scan# 413
 Delta R.T. -0.01 min
 Lab File: BF086477.D
 Acq: 28 Apr 2016 21:54

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-14(6-12FTBGS)MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.2	78.4
111	41.5	30.7	46.1

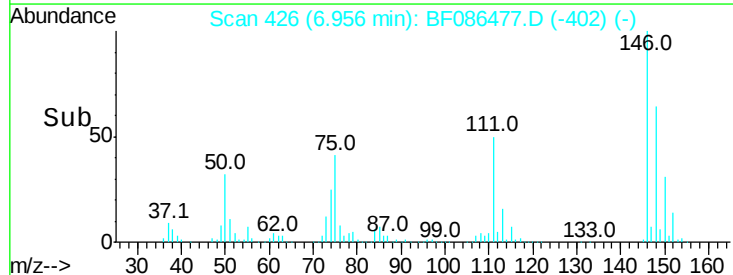
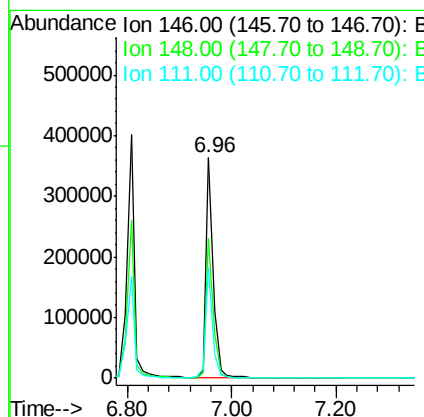
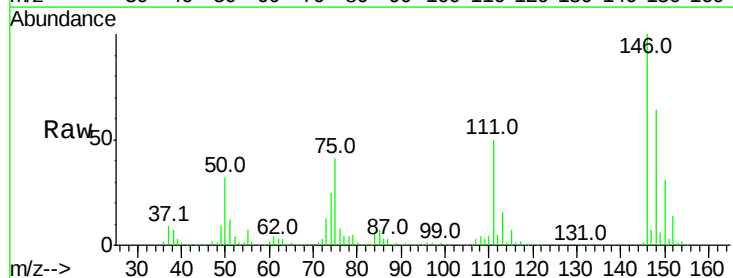
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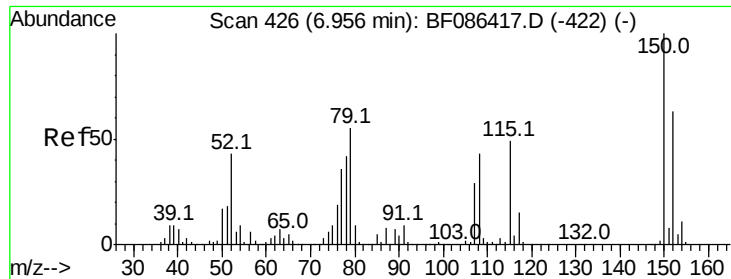
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#14
 1,2-Dichlorobenzene
 Concen: 30.33 ng
 RT: 6.96 min Scan# 426
 Delta R.T. -0.02 min
 Lab File: BF086477.D
 Acq: 28 Apr 2016 21:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.0	76.6
111	50.1	36.2	54.4





#15

Benzyl Alcohol

Concen: 38.02 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.02 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-14(6-12FTBGS)MS

Tot Ion: 79 Resp: 312268

Ion Ratio Lower Upper

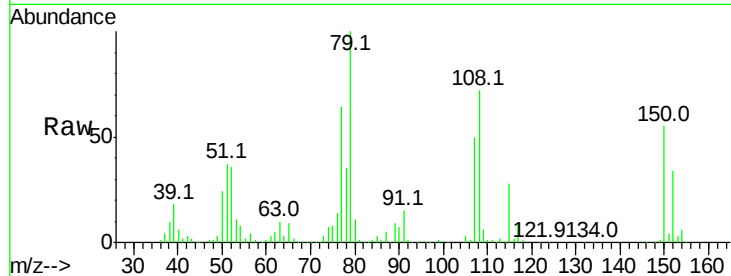
79 100

108 71.8 68.4 102.6

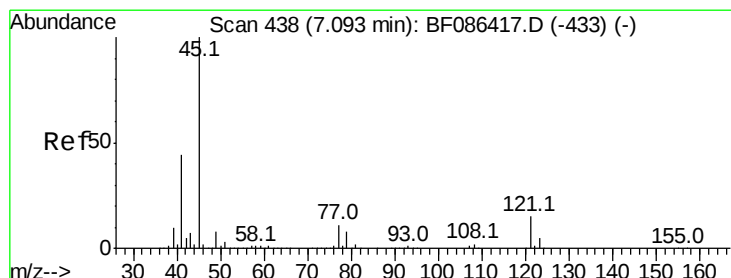
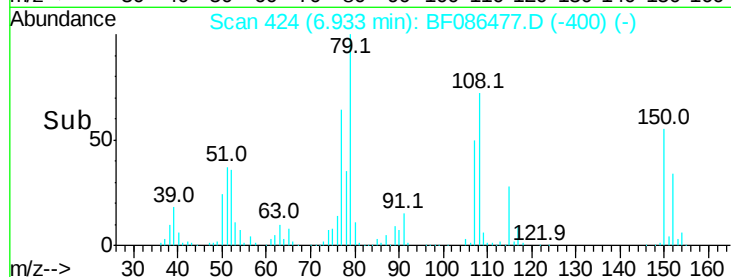
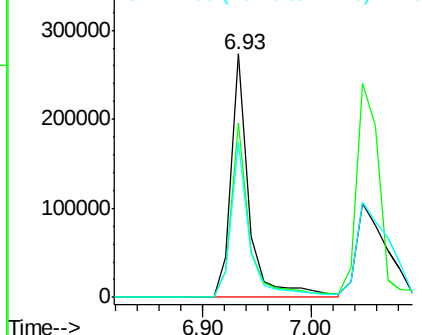
77 63.9 50.6 76.0

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Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.82 ng

RT: 7.07 min Scan# 436

Delta R.T. -0.02 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

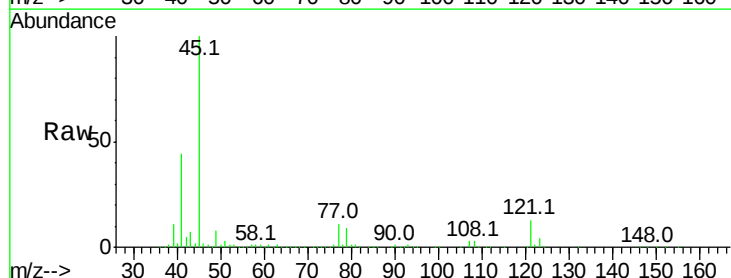
Tgt Ion: 45 Resp: 772350

Ion Ratio Lower Upper

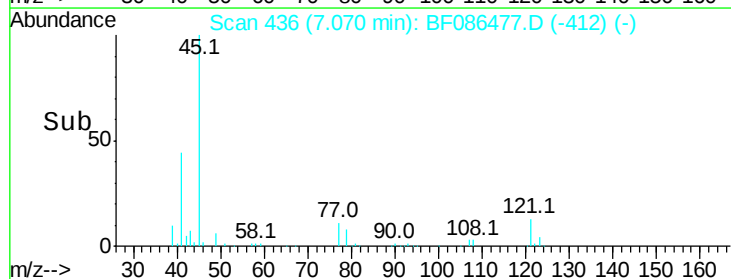
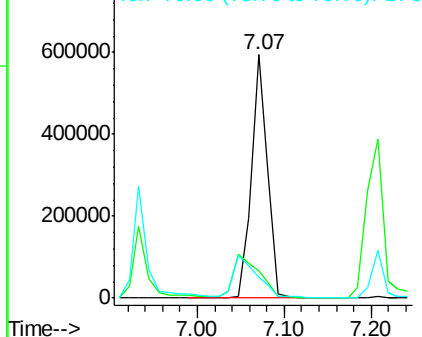
45 100

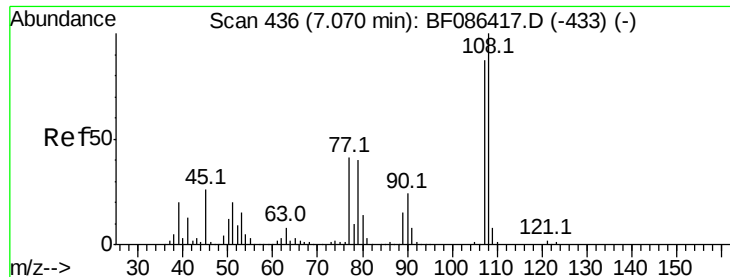
77 11.2 0.0 36.4

79 8.7 0.0 33.4



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 32.36 ng

RT: 7.05 min Scan# 434

Delta R.T. -0.02 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

Instrument :

BNA_F

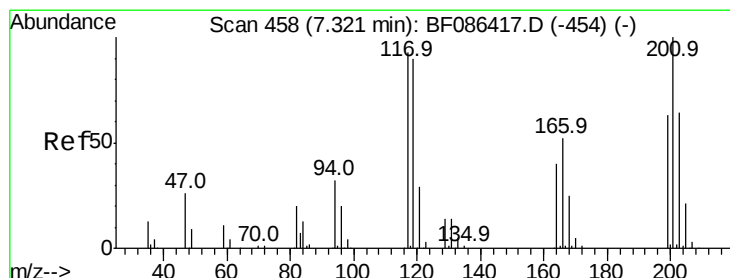
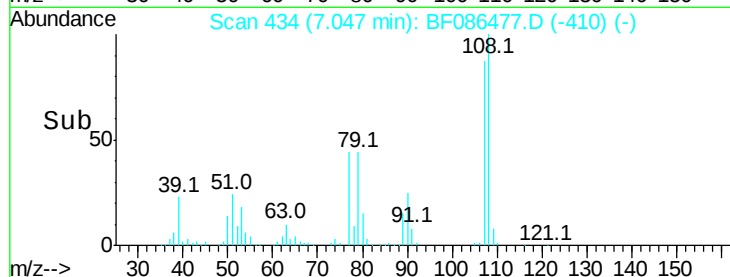
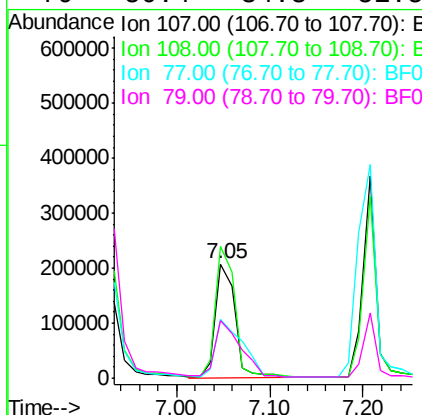
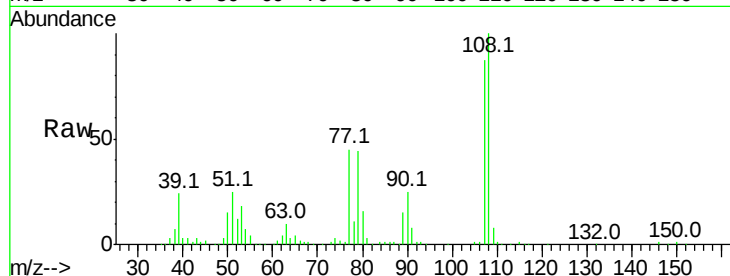
ClientSampleId :

26WARD-2A-CS-14(6-12FTBGS)MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.2	93.7	140.5	
77	51.4	33.4	50.0	
79	50.4	34.3	51.5	

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#18

Hexachloroethane

Concen: 29.25 ng

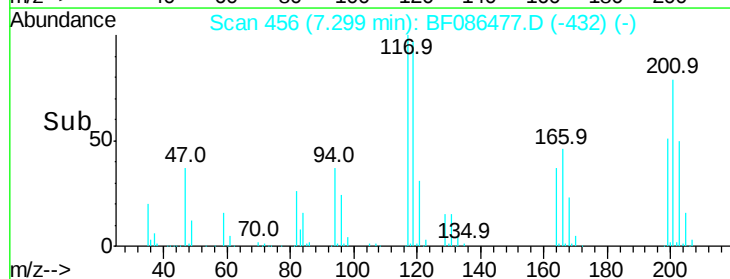
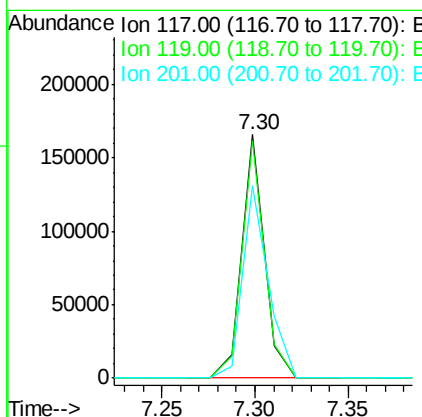
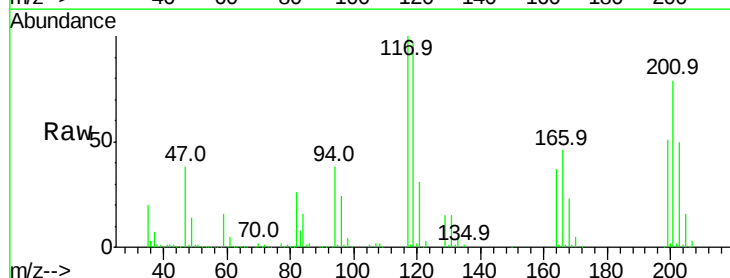
RT: 7.30 min Scan# 456

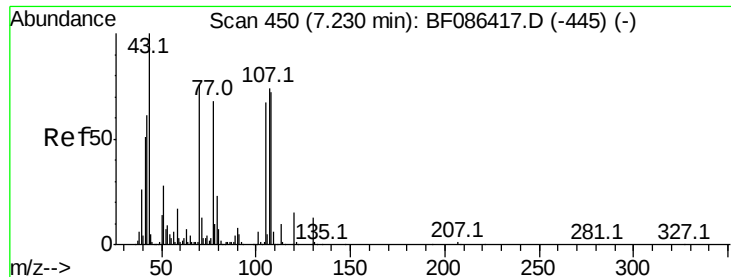
Delta R.T. -0.02 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.3	76.5	114.7	
201	79.3	63.0	94.6	





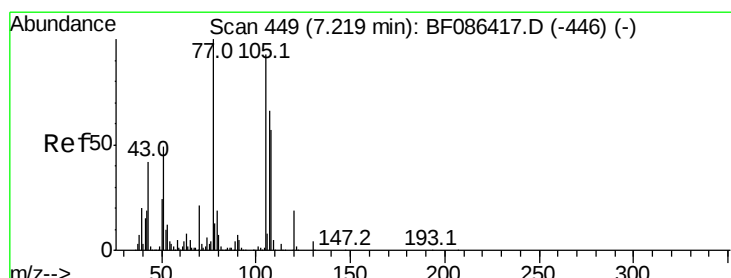
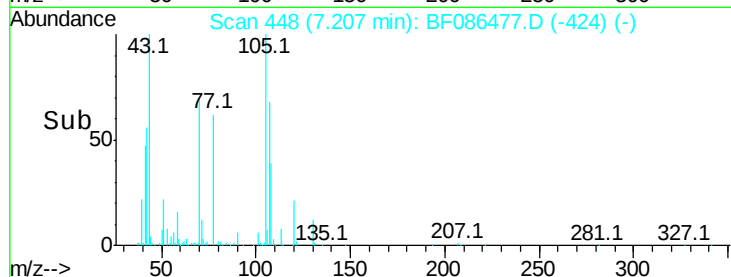
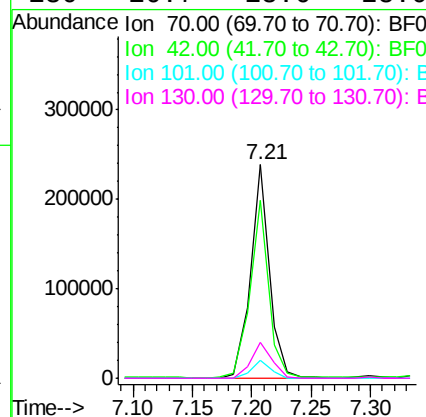
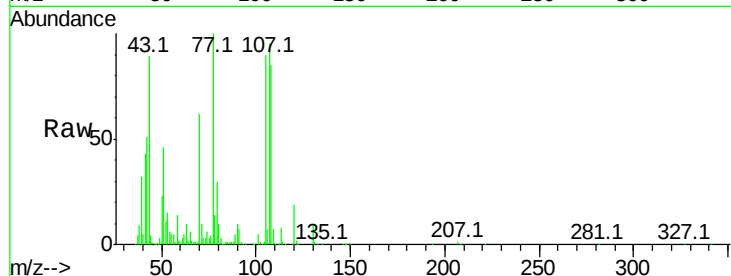
#19
n-Nitroso-di-n-propylamine
Concen: 31.25 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.02 min
Lab File: BF086477.D
Acq: 28 Apr 2016 21:54

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-14(6-12FTBGS)MS

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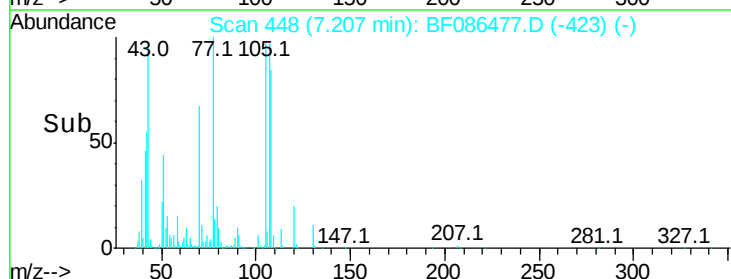
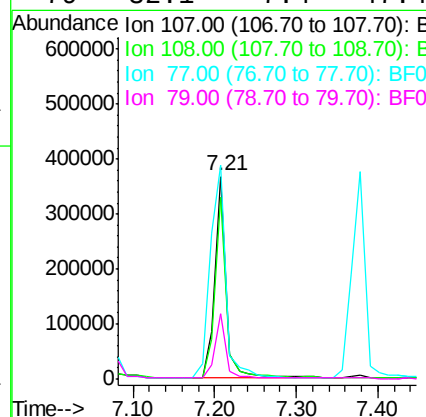
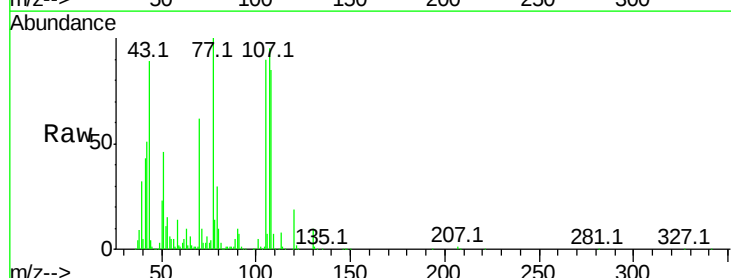
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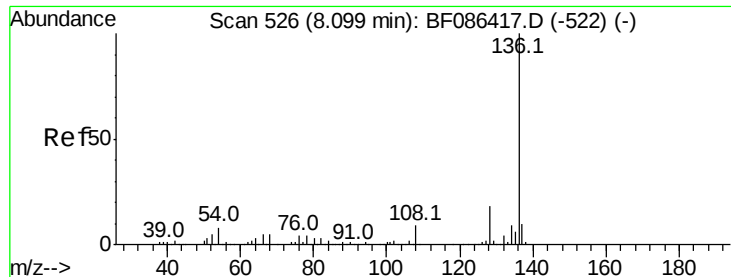
Tot Ion	Ratio	Lower	Upper
70	100		
42	83.5	43.1	64.7#
101	8.4	8.1	12.1
130	16.7	18.6	28.0#



#20
3+4-Methylphenols
Concen: 34.64 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF086477.D
Acq: 28 Apr 2016 21:54

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.5	68.5	108.5
77	105.4	101.6	141.6
79	32.1	7.4	47.4





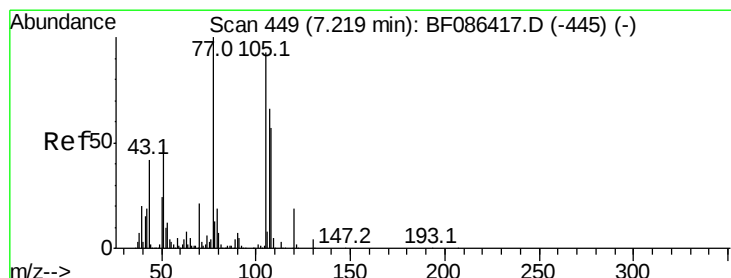
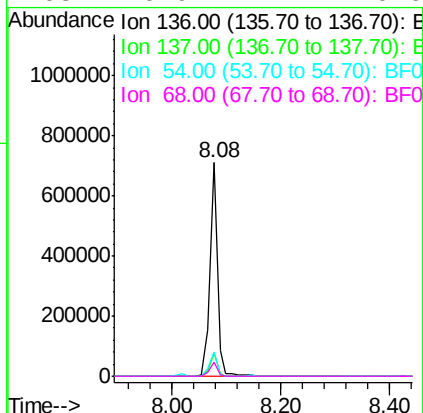
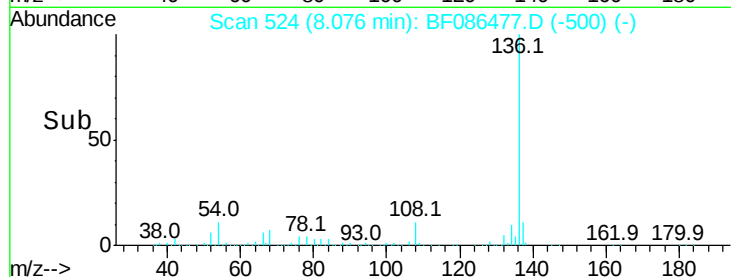
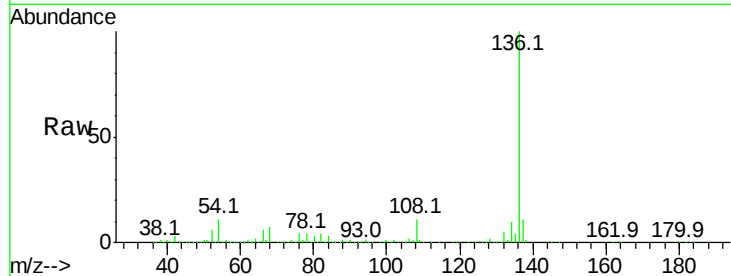
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.02 min
Lab File: BF086477.D
Acq: 28 Apr 2016 21:54

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-14(6-12FTBGS)MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	679153		
137	11.0	8.8	13.2	
54	11.5	5.0	7.4#	
68	6.9	4.4	6.6#	

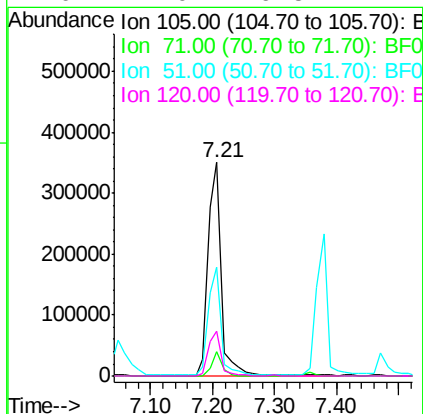
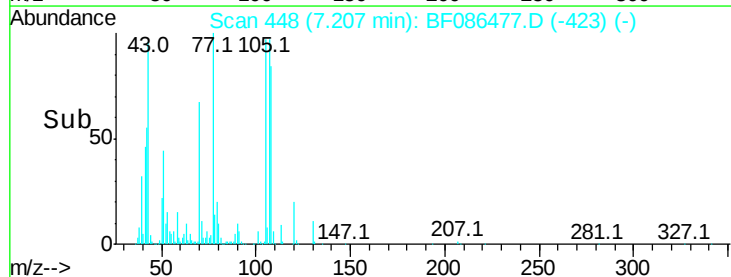
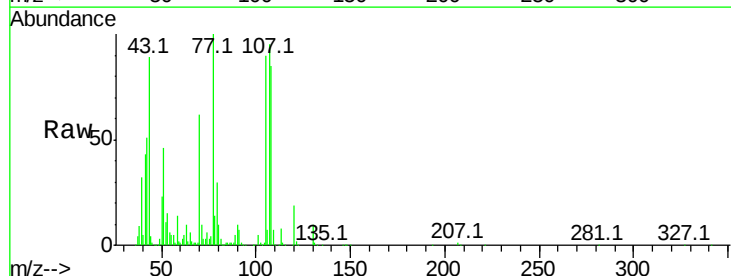
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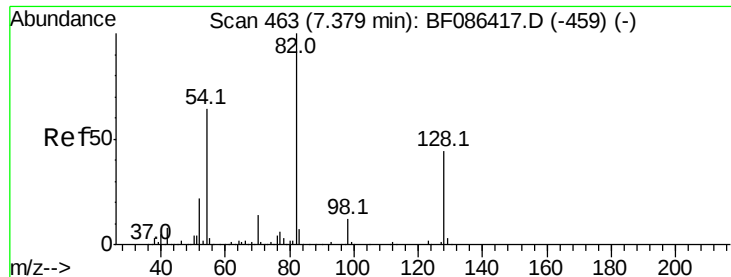
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#22
Acetophenone
Concen: 35.16 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF086477.D
Acq: 28 Apr 2016 21:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	523531		
71	11.5	4.8	7.2#	
51	50.7	32.6	49.0#	
120	21.0	16.5	24.7	





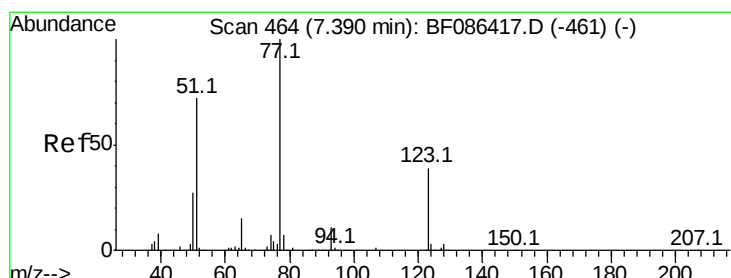
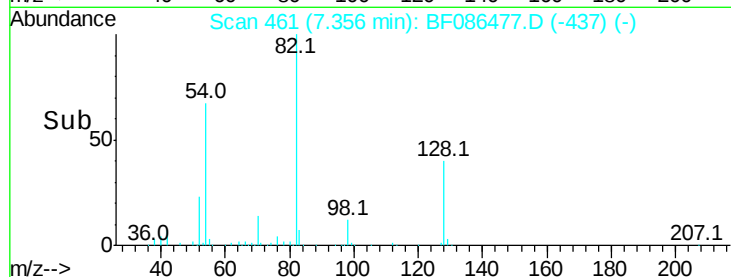
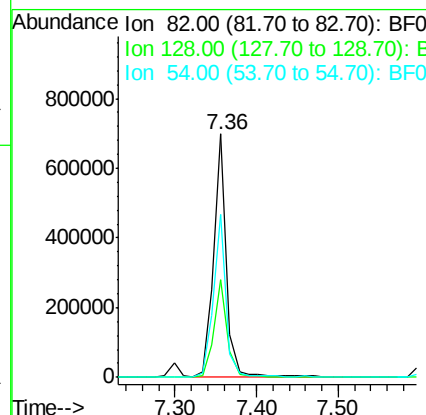
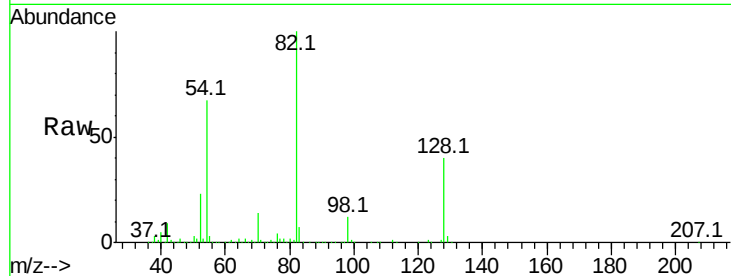
#23
Nitrobenzene-d5
Concen: 63.05 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.02 min
Lab File: BF086477.D
Acq: 28 Apr 2016 21:54

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-14(6-12FTBGS)MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	794484		
128	40.2	40.6	61.0#	
54	67.2	38.1	57.1#	

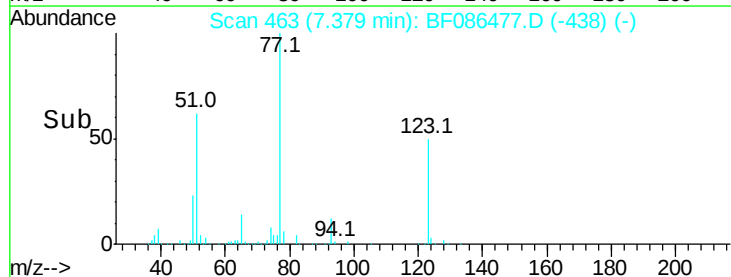
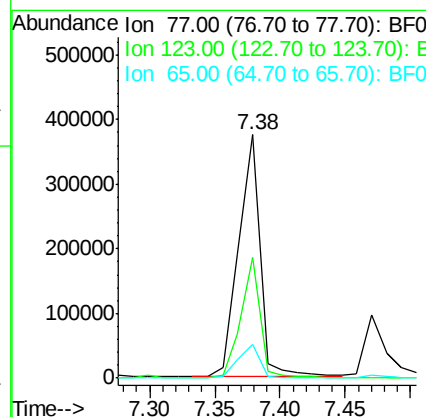
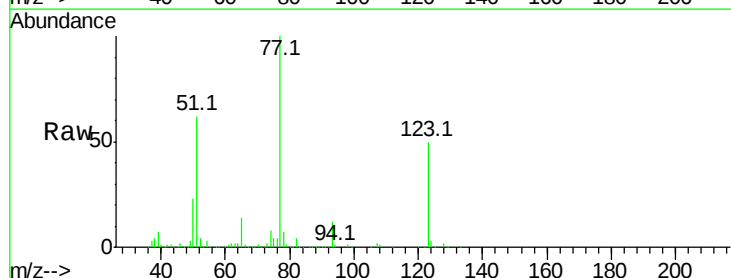
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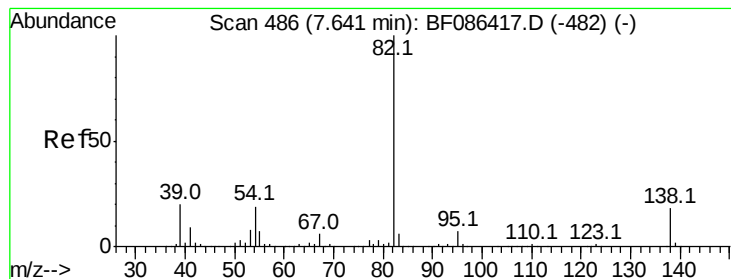
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#24
Nitrobenzene
Concen: 33.06 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF086477.D
Acq: 28 Apr 2016 21:54

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	428449		
123	49.5	33.0	49.4#	
65	13.9	10.8	16.2	





#25

Isophorone

Concen: 32.93 ng

RT: 7.62 min Scan# 484

Delta R.T. -0.02 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

Instrument :

BNA_F

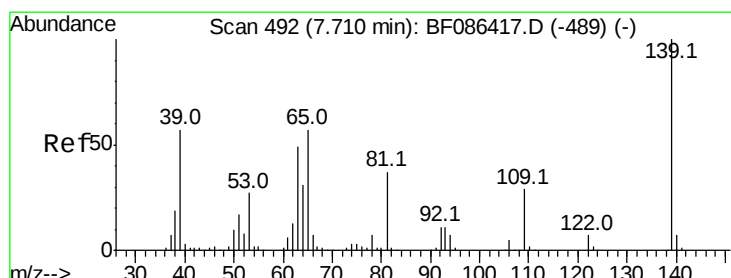
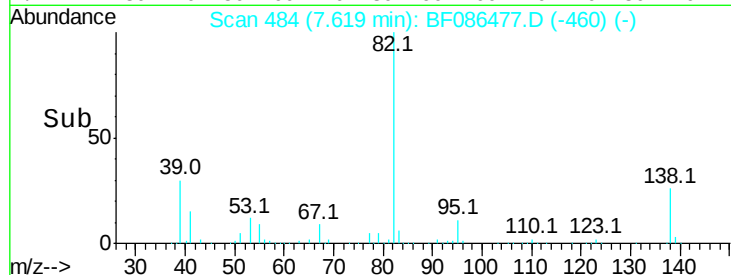
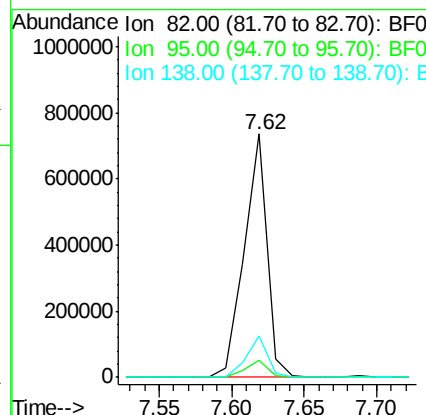
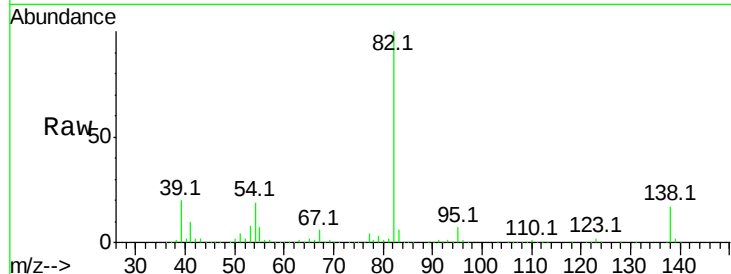
ClientSampleId :

26WARD-2A-CS-14(6-12FTBGS)MS

Tot Ion	82	Resp	798558
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.1	7.7
138	17.1	12.4	18.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 31.89 ng

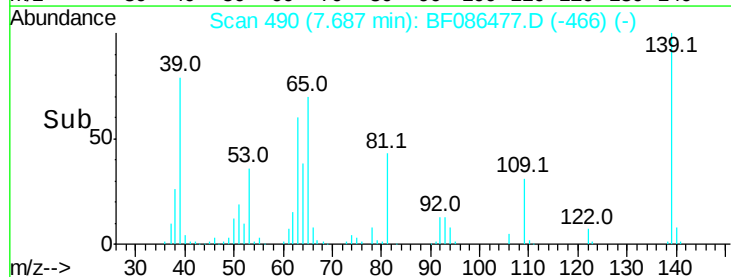
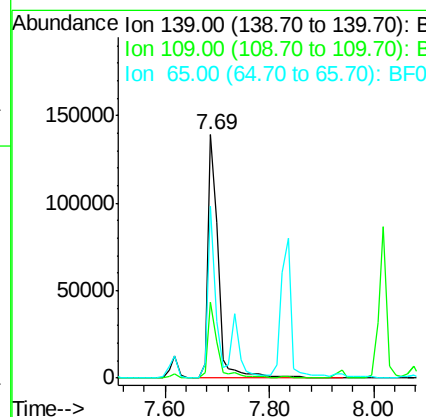
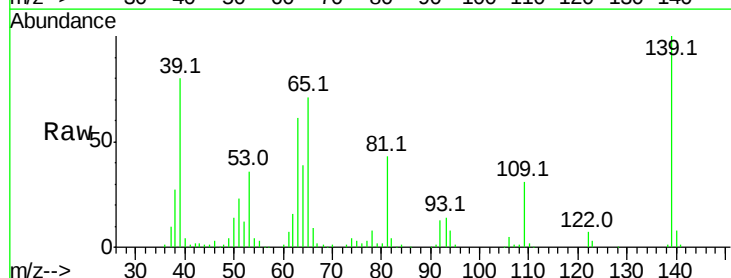
RT: 7.69 min Scan# 490

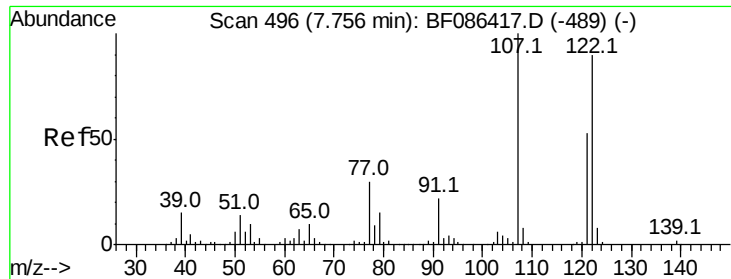
Delta R.T. -0.02 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

Tgt Ion	139	Resp	190291
Ion Ratio	Lower	Upper	
139	100		
109	31.2	19.5	29.3#
65	70.8	37.5	56.3#





#27

2,4-Dimethylphenol

Concen: 33.48 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.02 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

Instrument :

BNA_F

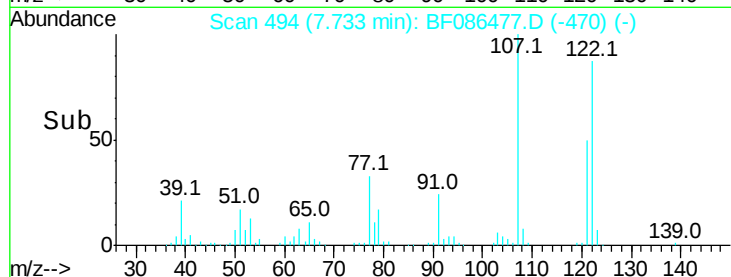
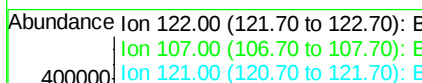
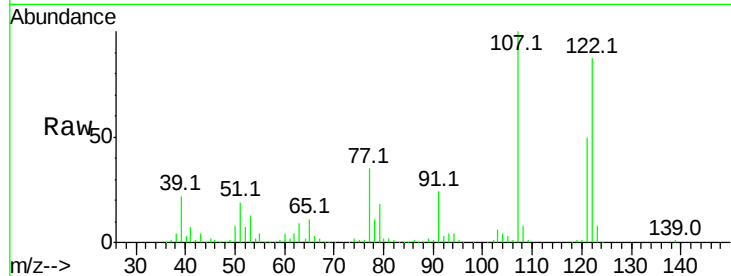
ClientSampleId :

26WARD-2A-CS-14(6-12FTBGS)MS

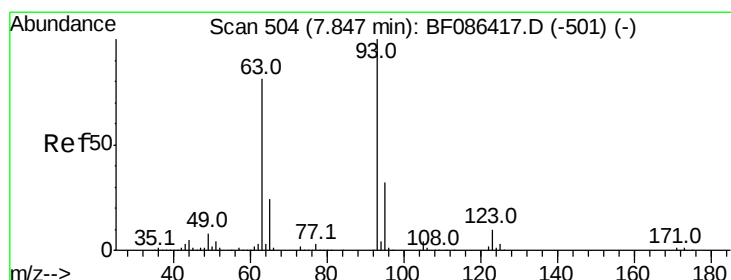
Tot Ion:	122	Resp:	350566
Ion Ratio	Lower	Upper	
122	100		
107	114.9	82.0	123.0
121	57.6	46.1	69.1

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Time-->



#28

bis(2-Chloroethoxy)methane

Concen: 35.93 ng

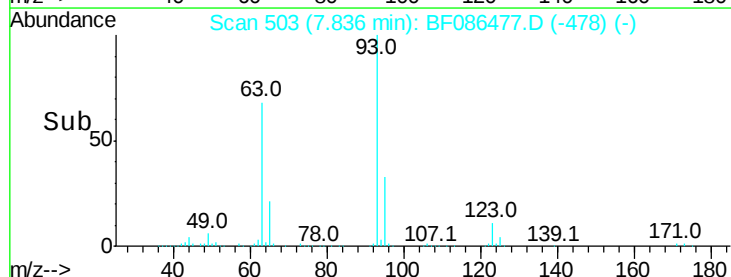
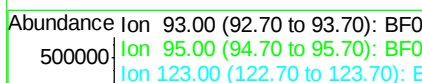
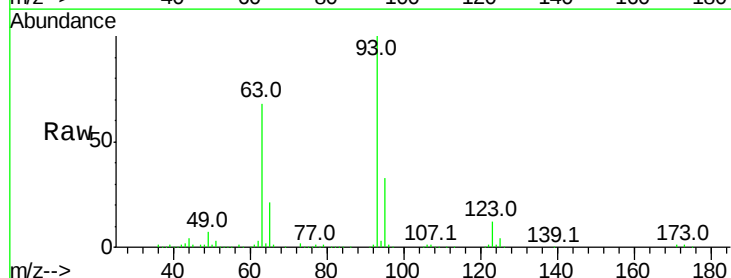
RT: 7.84 min Scan# 503

Delta R.T. -0.01 min

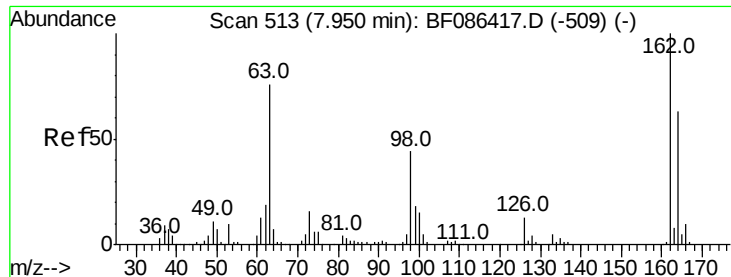
Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

Tgt Ion:	93	Resp:	474728
Ion Ratio	Lower	Upper	
93	100		
95	33.1	26.0	39.0
123	11.6	9.5	14.3



Time-->



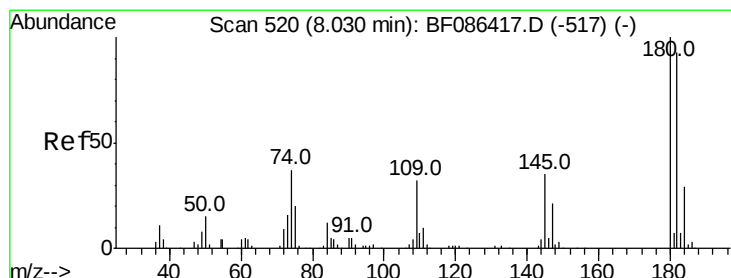
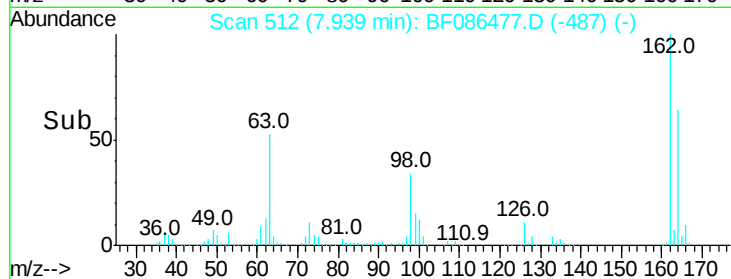
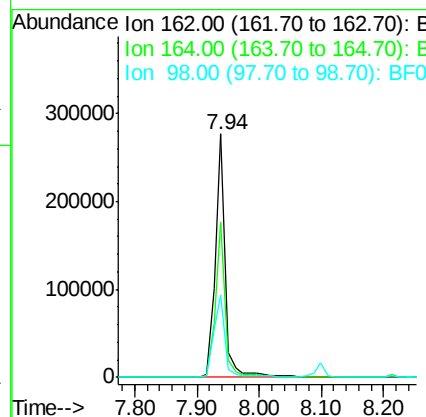
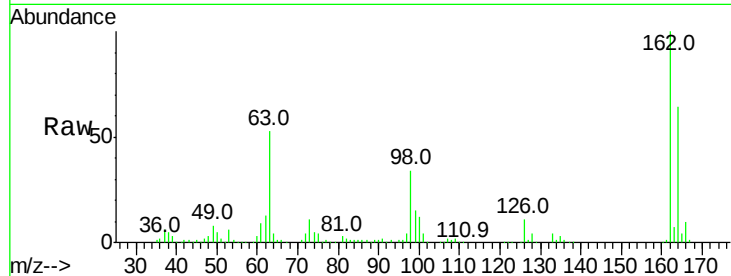
#29
 2,4-Dichlorophenol
 Concen: 35.01 ng
 RT: 7.94 min Scan# 512
 Delta R.T. -0.01 min
 Lab File: BF086477.D
 Acq: 28 Apr 2016 21:54

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-14(6-12FTBGS)MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	63.9	42.2	82.2	
98	33.8	19.0	59.0	

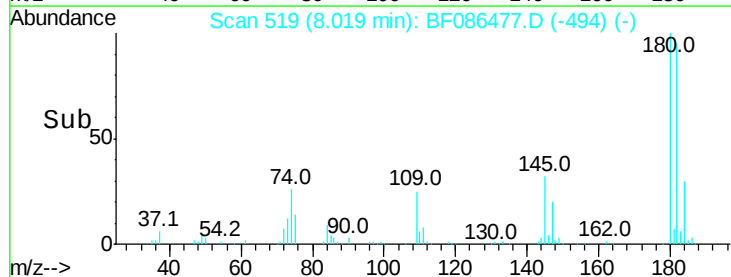
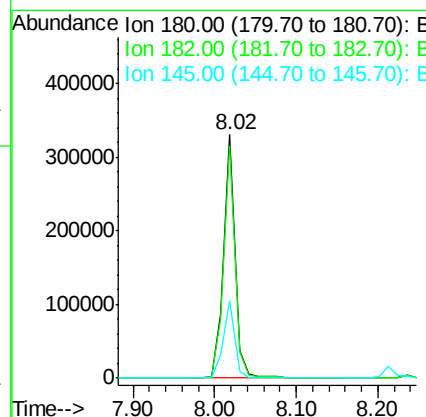
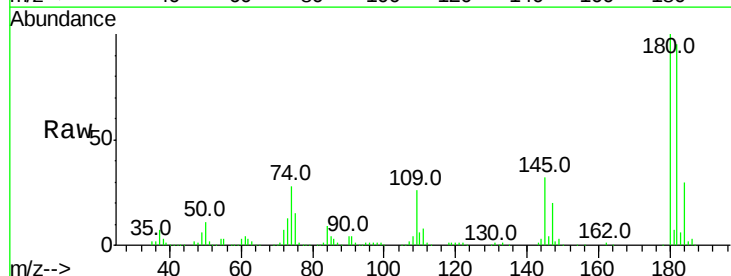
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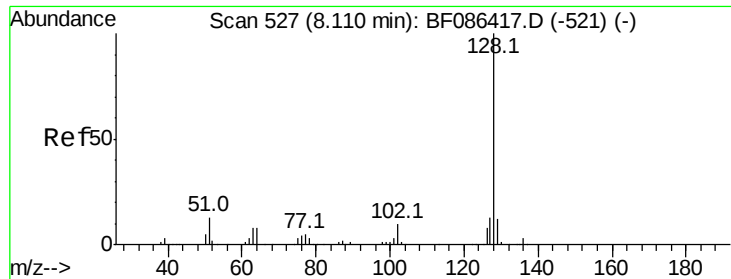
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#30
 1,2,4-Trichlorobenzene
 Concen: 31.73 ng
 RT: 8.02 min Scan# 519
 Delta R.T. -0.01 min
 Lab File: BF086477.D
 Acq: 28 Apr 2016 21:54

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.1	78.0	117.0	
145	31.7	24.2	36.2	





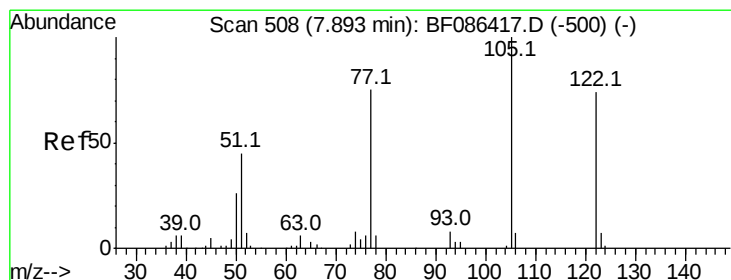
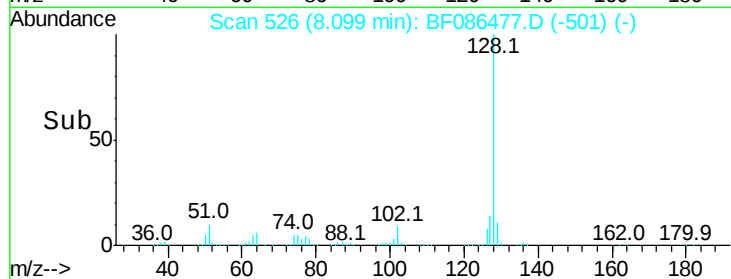
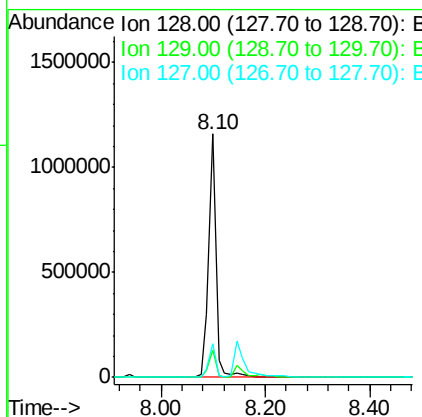
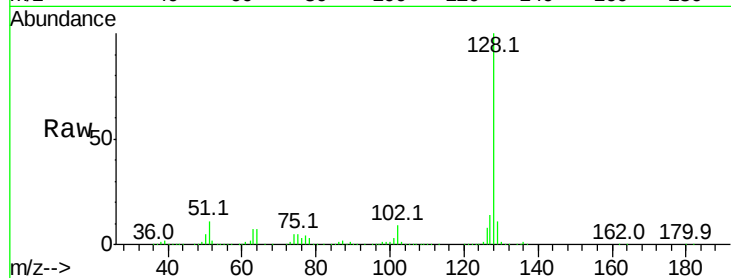
#31
Naphthalene
Concen: 32.86 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.01 min
Lab File: BF086477.D
Acq: 28 Apr 2016 21:54

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-14(6-12FTBGS)MS

Tot Ion:128 Resp: 1135430
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 13.6 10.8 16.2

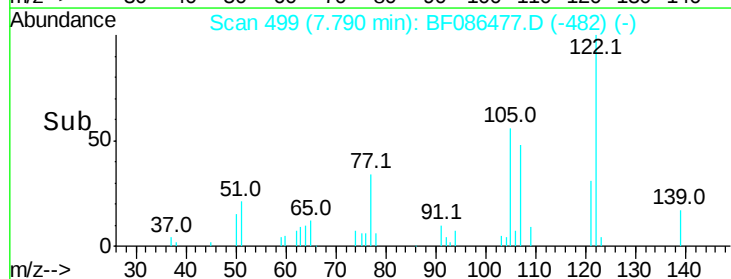
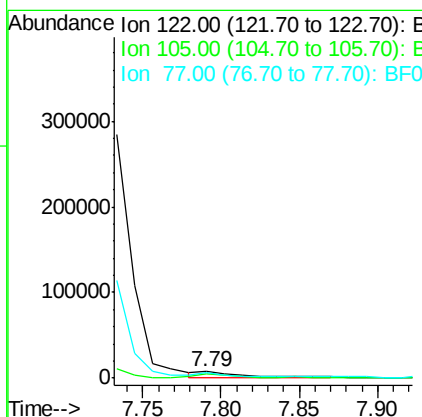
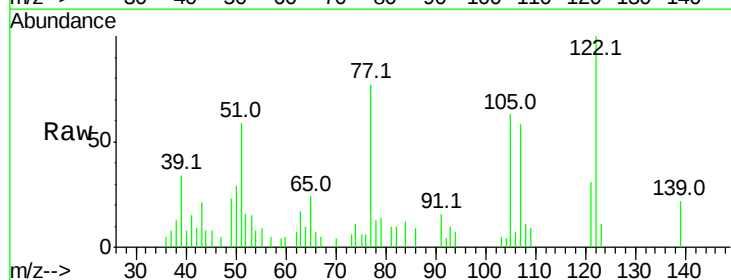
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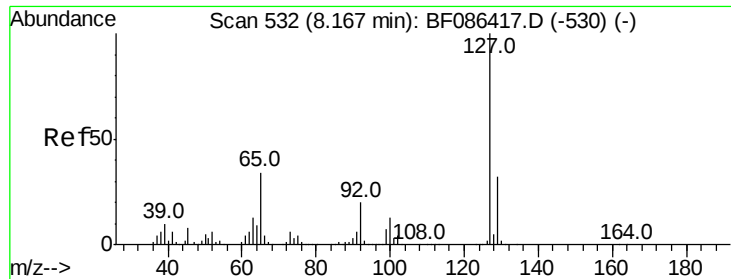
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#32
Benzoic acid
Concen: 11.27 ng m
RT: 7.79 min Scan# 499
Delta R.T. -0.10 min
Lab File: BF086477.D
Acq: 28 Apr 2016 21:54

Tgt Ion:122 Resp: 19316
Ion Ratio Lower Upper
122 100
105 62.7 92.6 132.6#
77 76.8 60.0 100.0





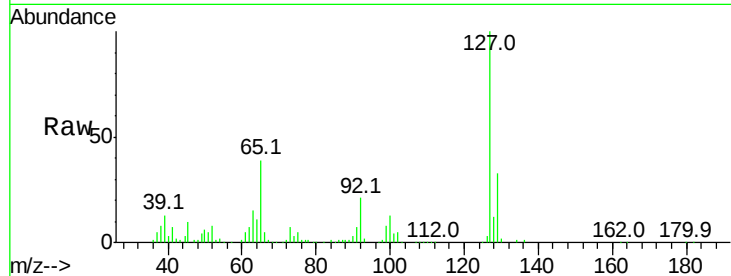
#33
4-Chloroaniline
Concen: 20.13 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF086477.D
Acq: 28 Apr 2016 21:54

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-14(6-12FTBGS)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.5	26.2	39.4		
65	38.7	23.0	34.4		
92	21.3	15.1	22.7		

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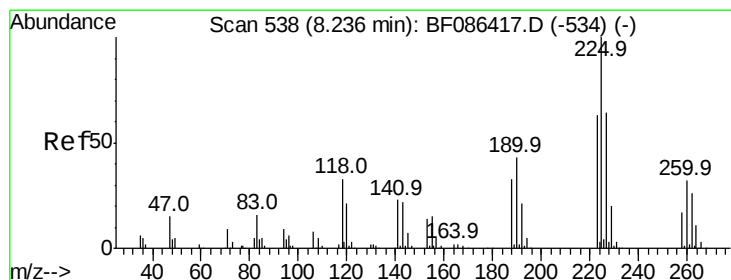
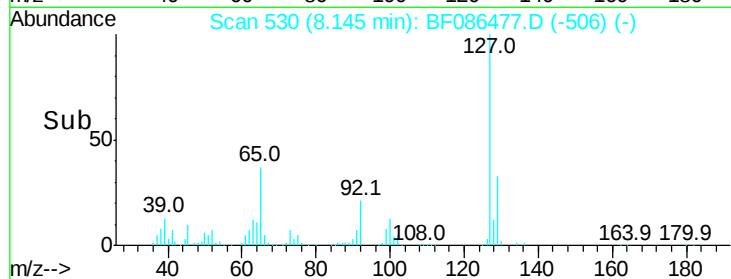
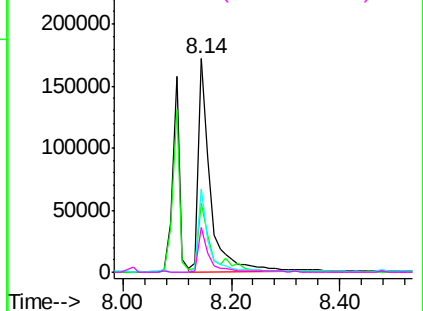
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

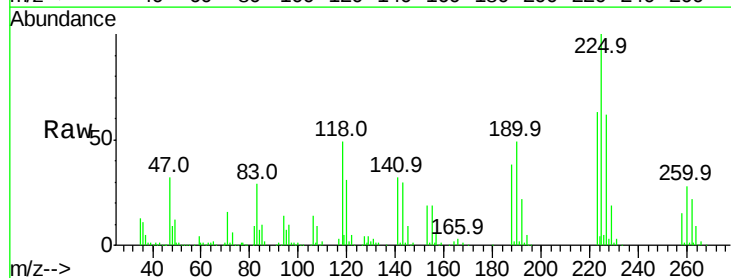
Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34
Hexachlorobutadiene
Concen: 29.53 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.02 min
Lab File: BF086477.D
Acq: 28 Apr 2016 21:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.4	51.5	77.3		
227	62.0	52.2	78.2		

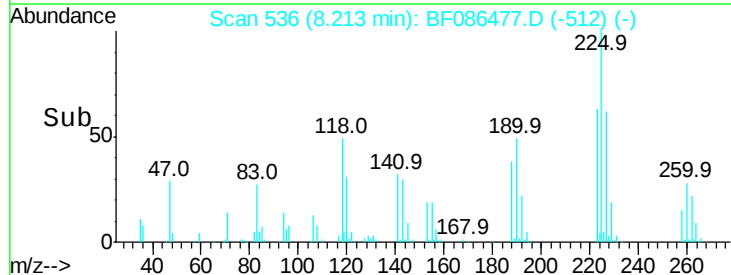
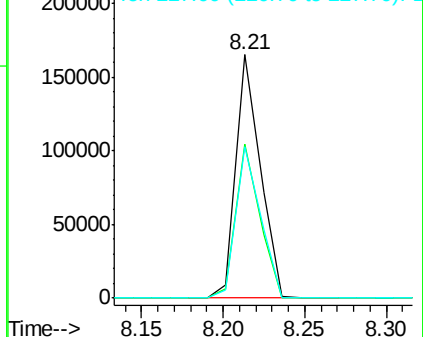


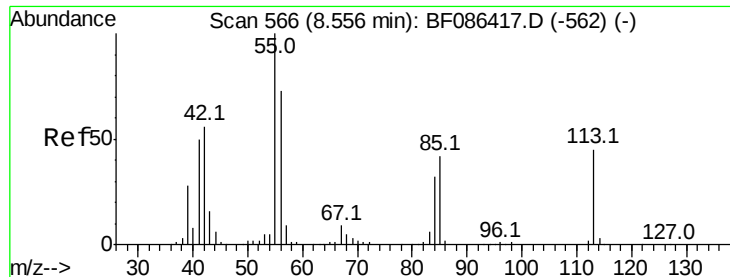
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





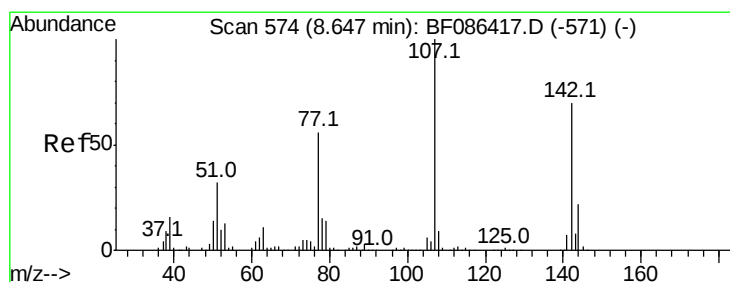
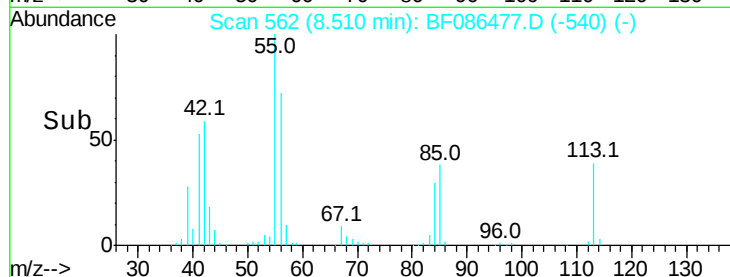
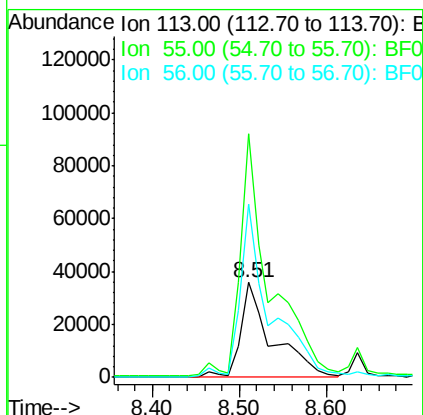
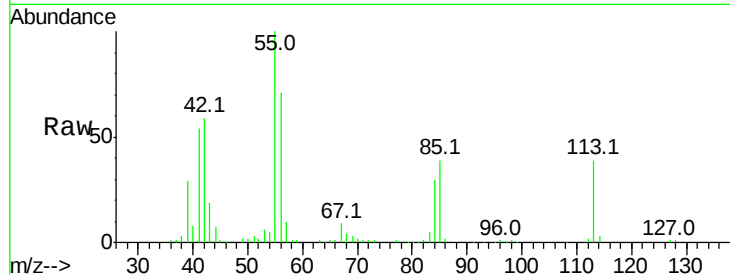
#35
Caprolactam
Concen: 30.68 ng
RT: 8.51 min Scan# 562
Delta R.T. -0.05 min
Lab File: BF086477.D
Acq: 28 Apr 2016 21:54

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-14(6-12FTBGS)MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	256.6	162.0	202.0#
56	182.5	115.3	155.3#

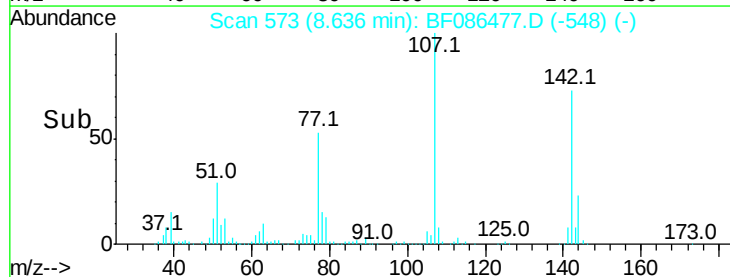
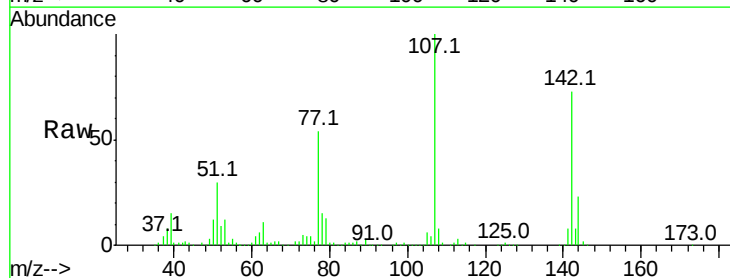
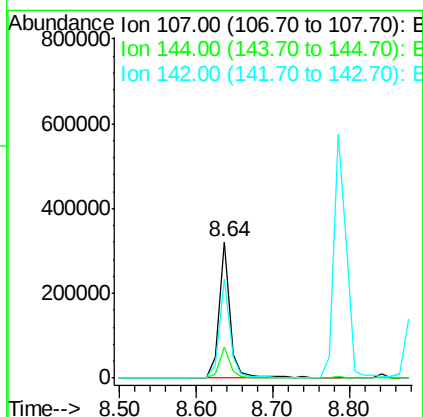
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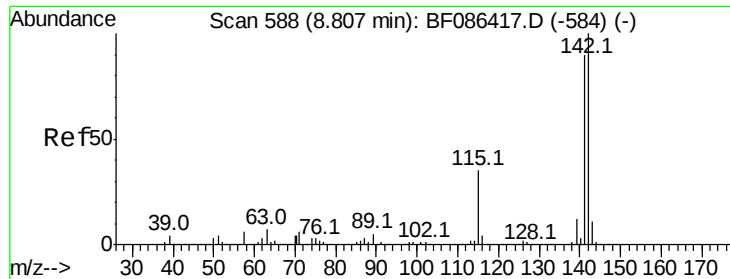
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#36
4-Chloro-3-methylphenol
Concen: 32.16 ng
RT: 8.64 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF086477.D
Acq: 28 Apr 2016 21:54

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.3	20.7	31.1
142	72.8	63.2	94.8





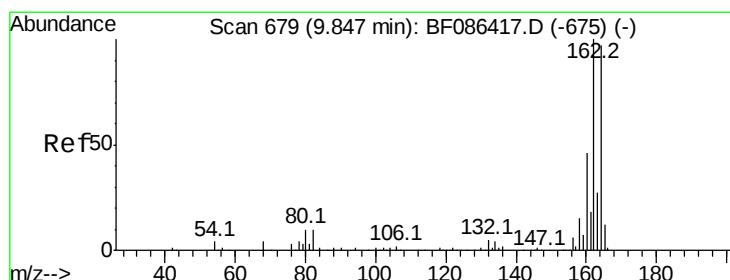
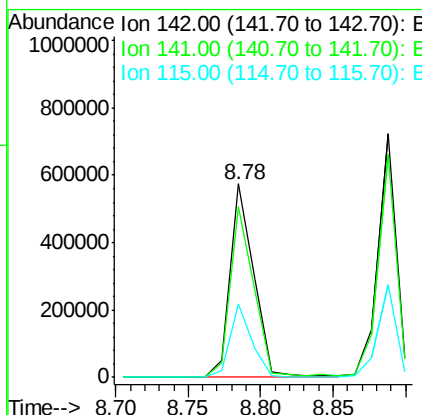
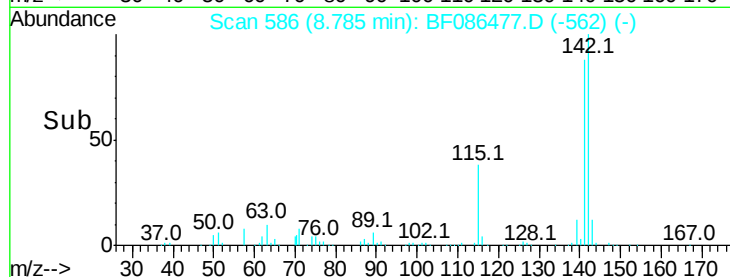
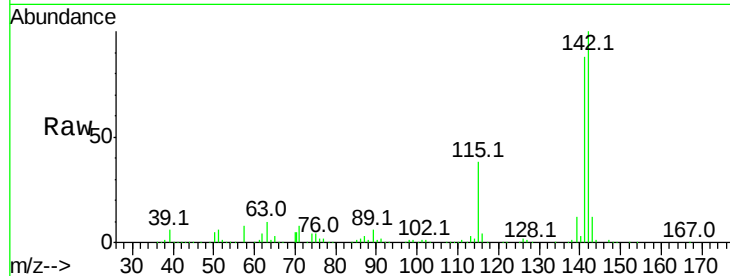
#37
2-Methylnaphthalene
Concen: 32.00 ng
RT: 8.78 min Scan# 586
Delta R.T. -0.02 min
Lab File: BF086477.D
Acq: 28 Apr 2016 21:54

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-14(6-12FTBGS)MS

Tot Ion:	142	Resp:	652544
Ion Ratio	Lower	Upper	
142	100		
141	88.0	71.0	106.6
115	38.0	26.6	39.8

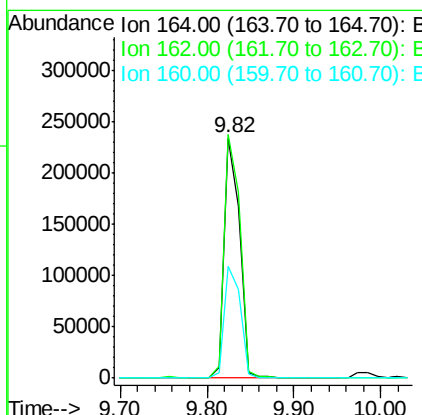
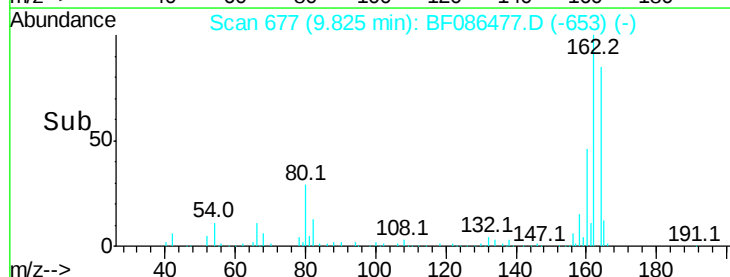
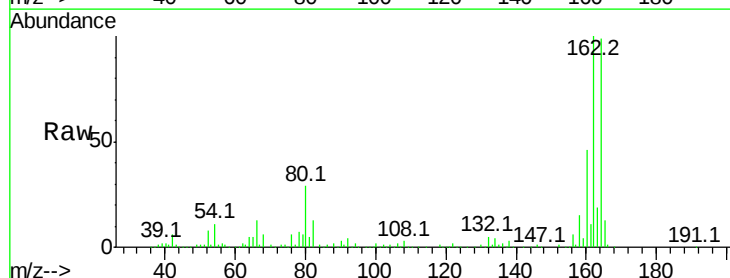
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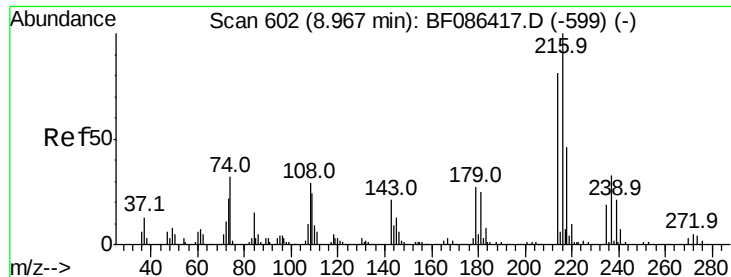
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.02 min
Lab File: BF086477.D
Acq: 28 Apr 2016 21:54

Tgt Ion:	164	Resp:	291621
Ion Ratio	Lower	Upper	
164	100		
162	101.3	82.8	124.2
160	46.3	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.76 ng

RT: 8.96 min Scan# 601

Delta R.T. -0.01 min

Lab File: BF086477.D

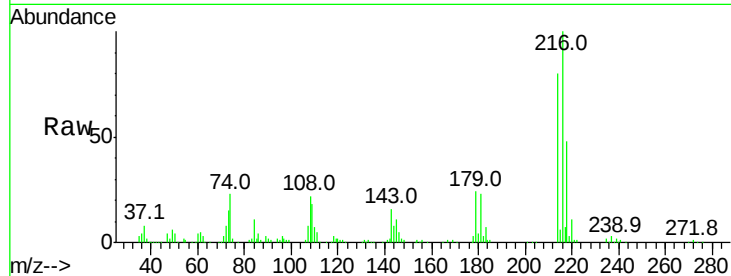
Acq: 28 Apr 2016 21:54

Instrument :

BNA_F

ClientSampleId :

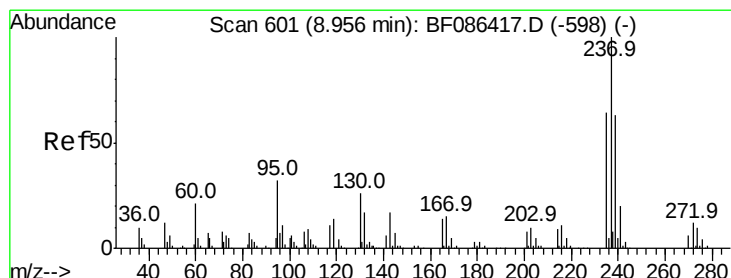
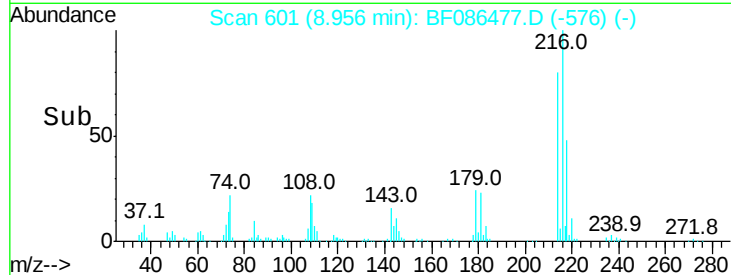
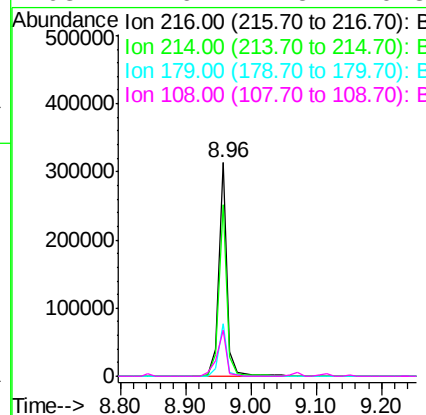
26WARD-2A-CS-14(6-12FTBGS)MS



Tot Ion	Ratio	Resp	Lower	Upper
216	100	281826		
214	79.9	62.6	93.8	
179	23.9	18.2	27.4	
108	24.6	17.5	26.3	

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#40

Hexachlorocyclopentadiene

Concen: 46.25 ng

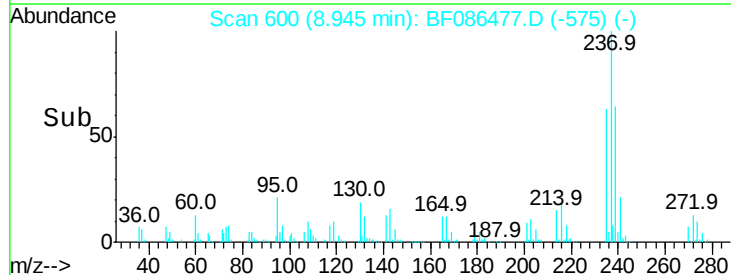
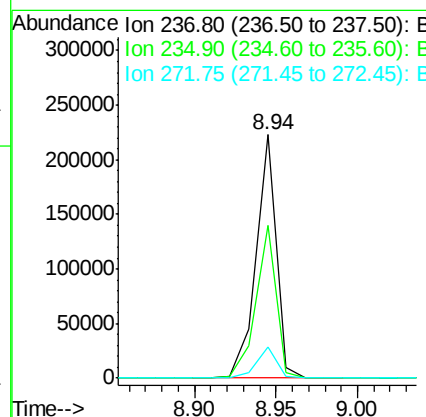
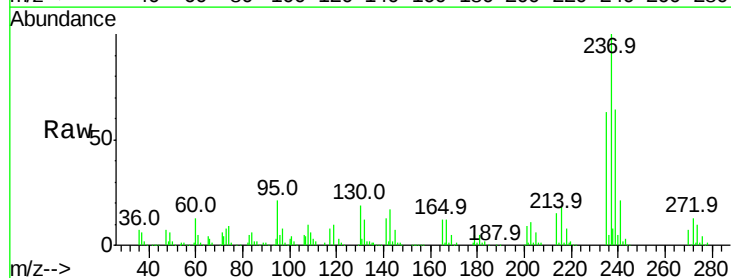
RT: 8.94 min Scan# 600

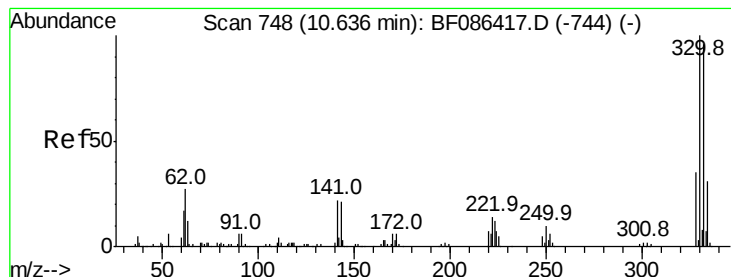
Delta R.T. -0.01 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	191834		
235	62.9	47.2	87.2	
272	12.7	0.0	31.1	





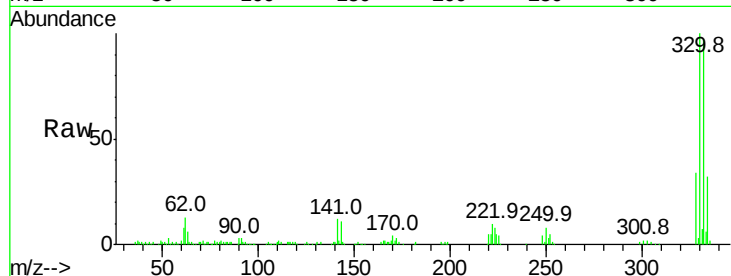
#41
 2,4,6-Tribromophenol
 Concen: 88.85 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.01 min
 Lab File: BF086477.D
 Acq: 28 Apr 2016 21:54

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-14(6-12FTBGS)MS

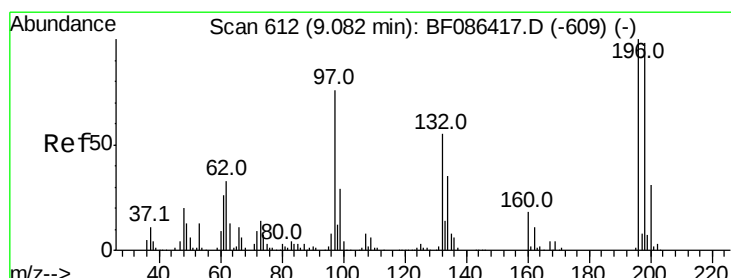
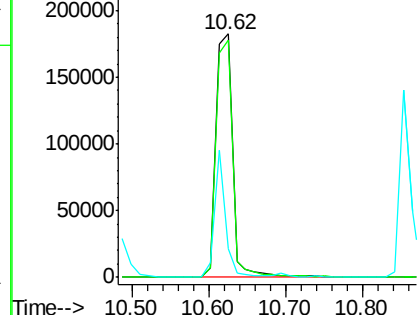
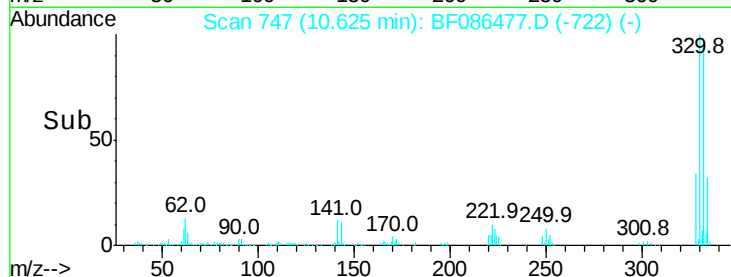
Tot Ion	Ratio	Resp	Lower	Upper
330	100	273229		
332	97.3		79.0	118.4
141	33.6		31.2	46.8

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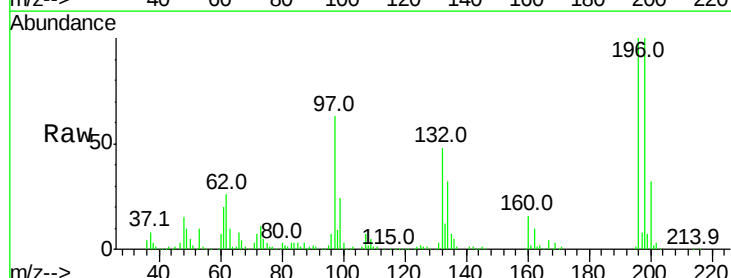


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

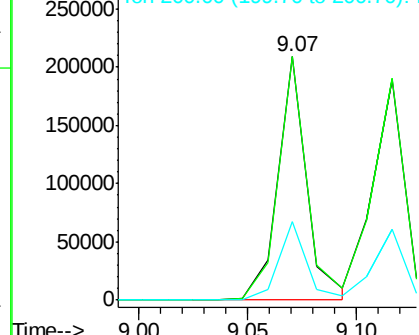
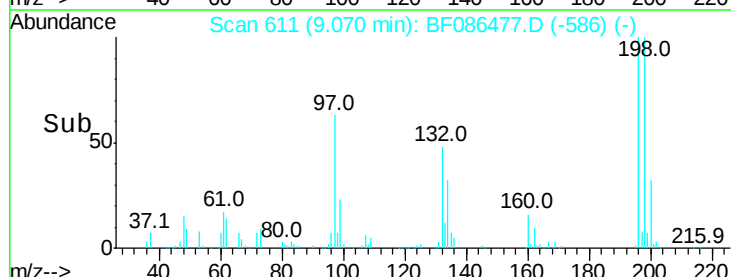


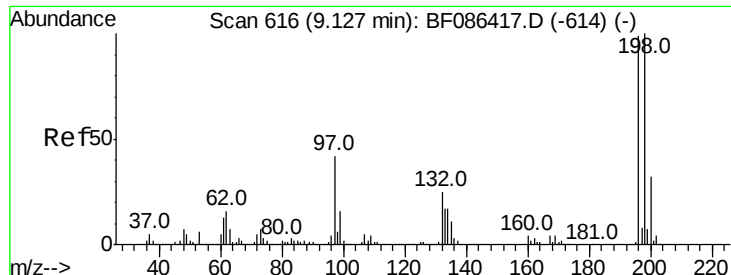
#42
 2,4,6-Trichlorophenol
 Concen: 36.72 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF086477.D
 Acq: 28 Apr 2016 21:54

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	193733		
198	99.9		74.7	112.1
200	32.3		23.8	35.6



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





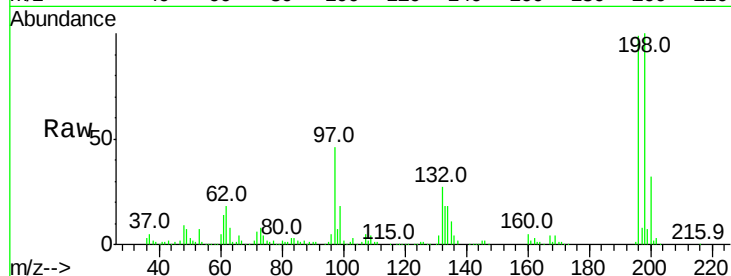
#43
 2,4,5-Trichlorophenol
 Concen: 35.27 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF086477.D
 Acq: 28 Apr 2016 21:54

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-14(6-12FTBGS)MS

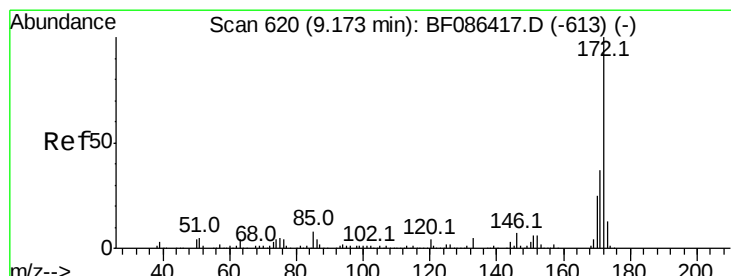
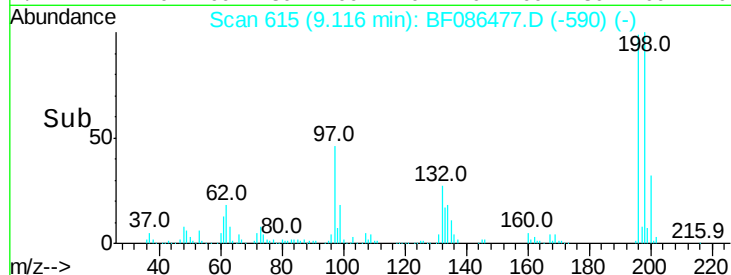
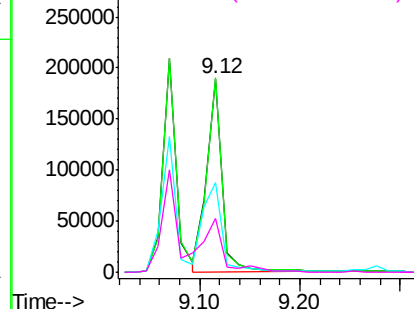
Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	100.9	77.5	116.3	
97	46.1	34.8	52.2	
132	27.6	23.0	34.4	

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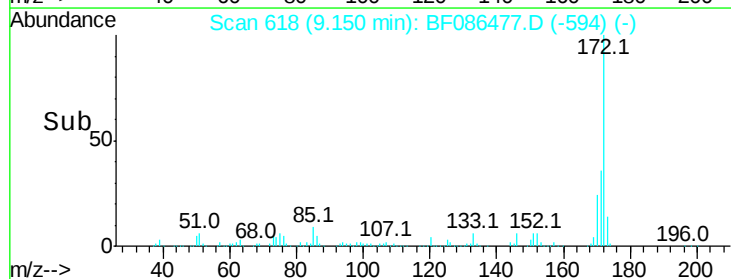
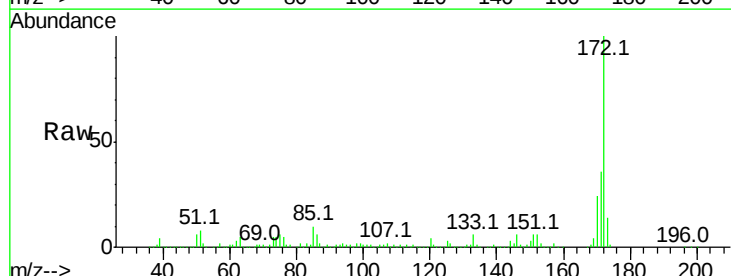
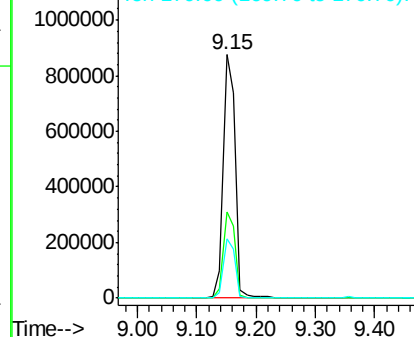
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

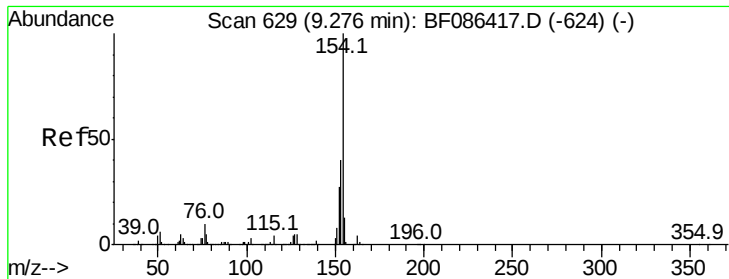


#44
 2-Fluorobiphenyl
 Concen: 70.87 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF086477.D
 Acq: 28 Apr 2016 21:54

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.6	29.0	43.6	
170	24.4	19.8	29.8	

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





#45

1,1'-Biphenyl

Concen: 33.14 ng

RT: 9.25 min Scan# 627

Delta R.T. -0.02 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

Instrument :

BNA_F

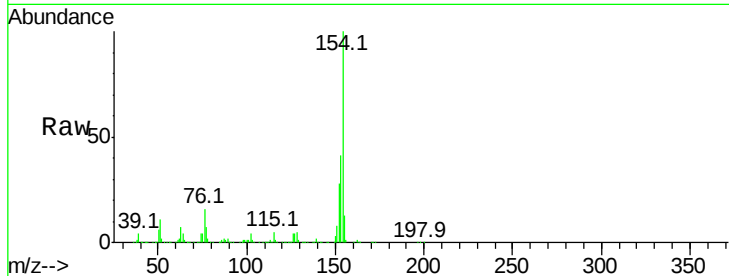
ClientSampleId :

26WARD-2A-CS-14(6-12FTBGS)MS

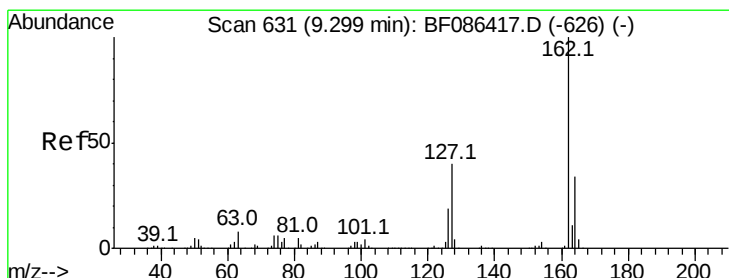
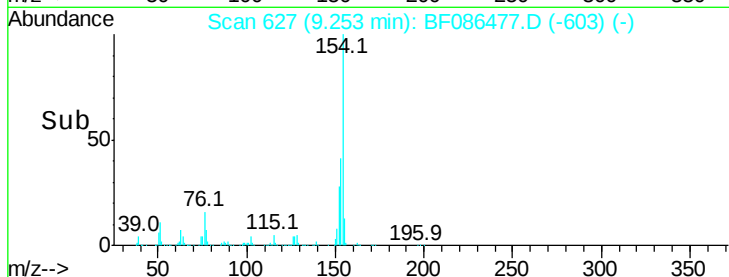
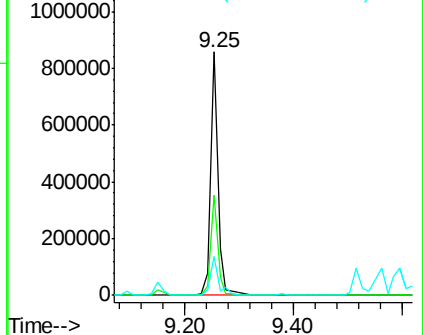
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Tot Ion	154	Resp	807804
Ion Ratio	Lower	Upper	
154	100		
153	41.0	20.3	60.3
76	16.1	0.0	30.2



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: 32.56 ng

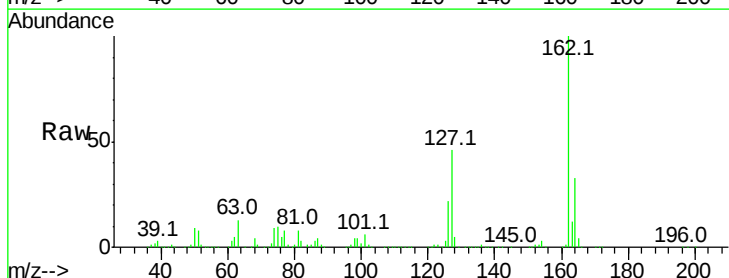
RT: 9.28 min Scan# 629

Delta R.T. -0.02 min

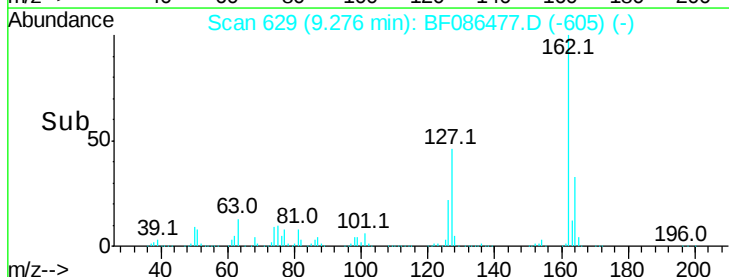
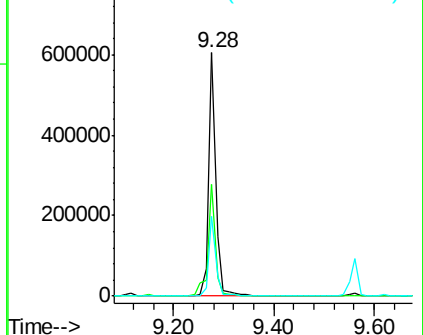
Lab File: BF086477.D

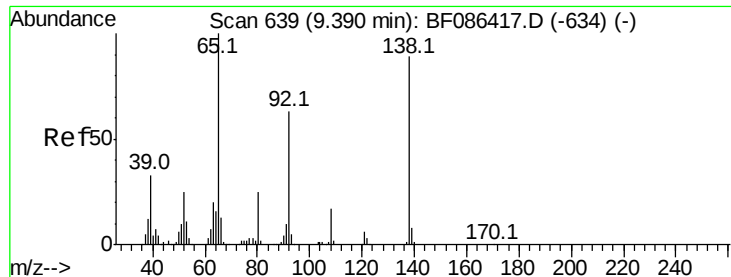
Acq: 28 Apr 2016 21:54

Tgt Ion	162	Resp	603520
Ion Ratio	Lower	Upper	
162	100		
127	45.8	31.8	47.6
164	32.8	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: 37.85 ng

RT: 9.38 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

Instrument :

BNA_F

ClientSampleId :

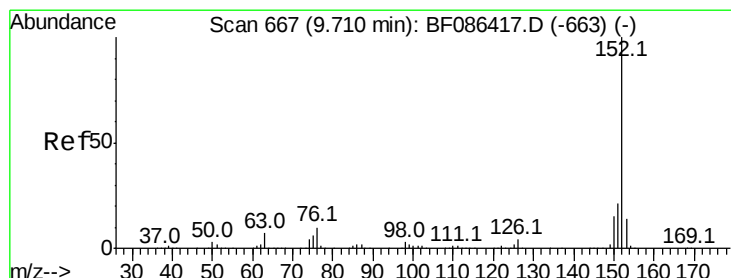
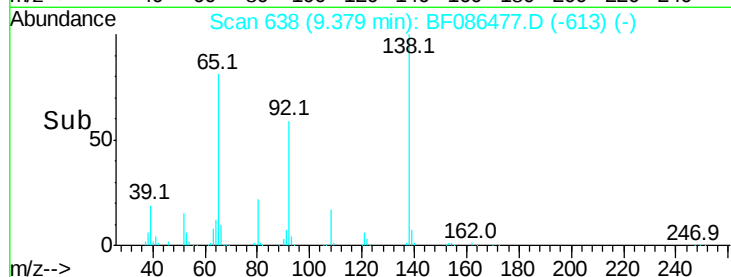
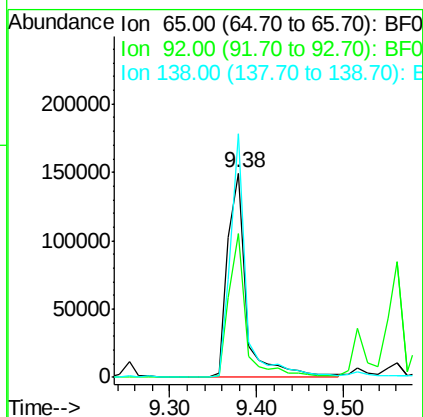
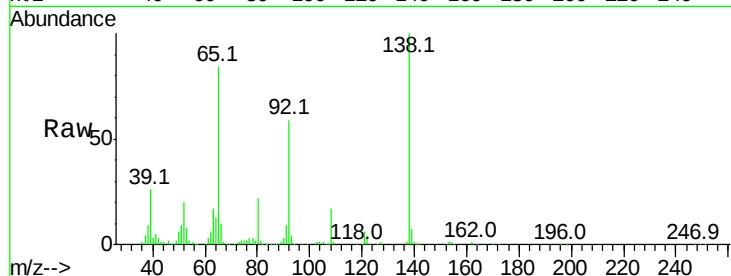
26WARD-2A-CS-14(6-12FTBGS)MS

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Tot Ion	Ratio	Lower	Upper
65	100		
92	70.5	57.4	86.2
138	119.4	90.1	135.1



#48

Acenaphthylene

Concen: 31.22 ng

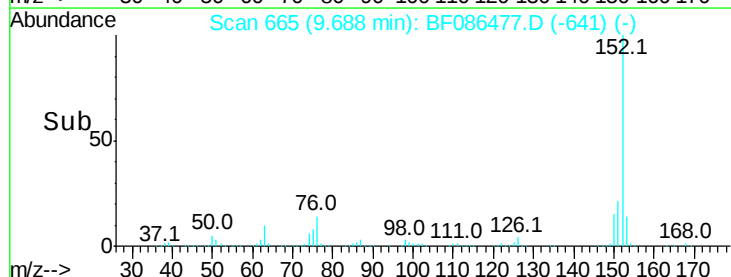
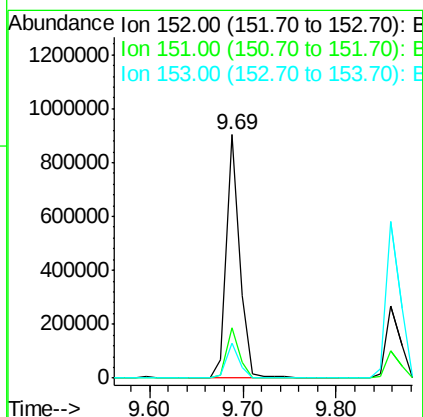
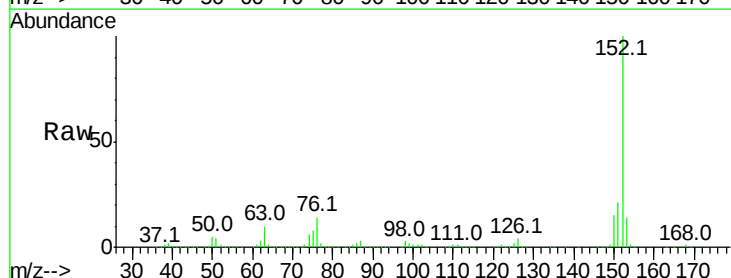
RT: 9.69 min Scan# 665

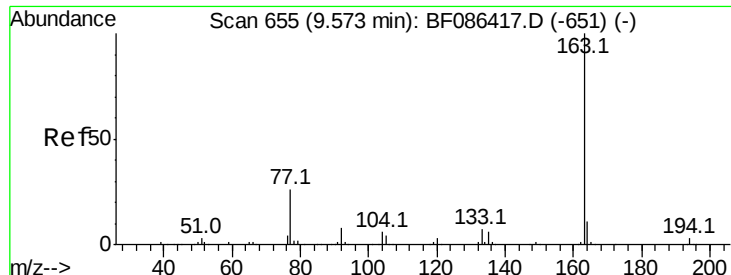
Delta R.T. -0.02 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.8	25.2
153	14.3	10.9	16.3





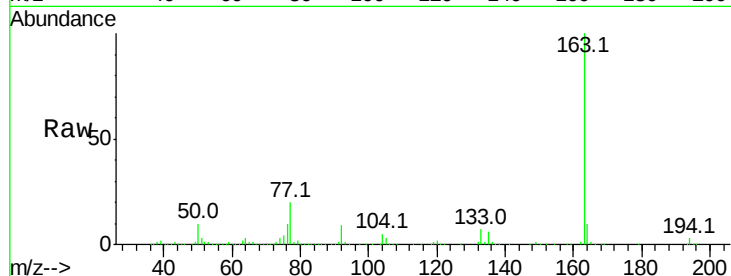
#49
Dimethylphthalate
Concen: 42.13 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF086477.D
Acq: 28 Apr 2016 21:54

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-14(6-12FTBGS)MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.4	2.6	4.0	
164	10.0	8.2	12.4	

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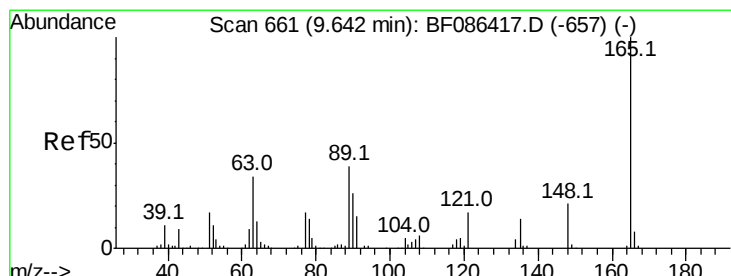
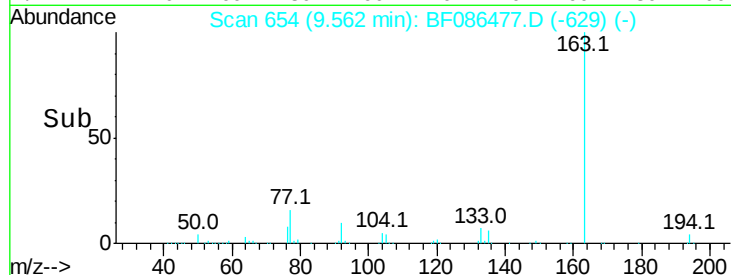
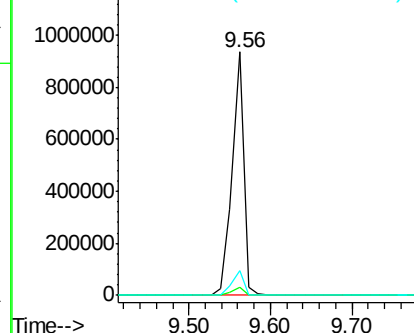


Abundance

Ion 163.00 (162.70 to 163.70): E

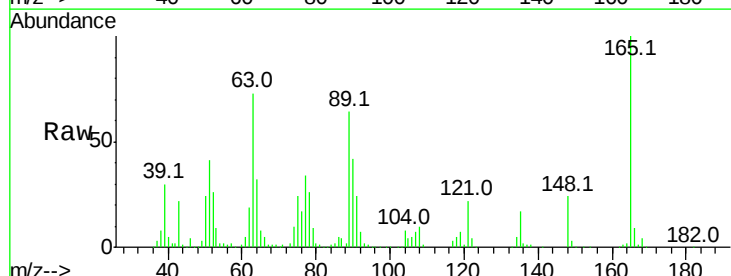
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 35.28 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.02 min
Lab File: BF086477.D
Acq: 28 Apr 2016 21:54

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	72.7	51.8	77.8	
89	63.7	50.7	76.1	

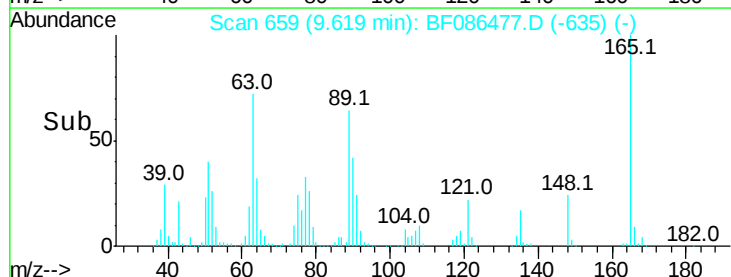
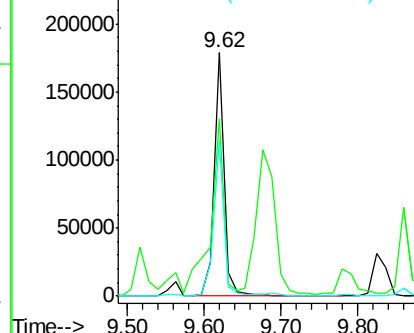


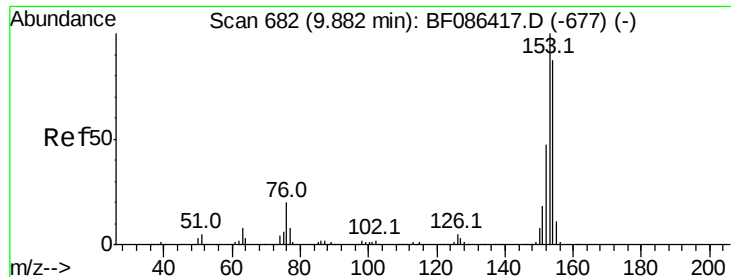
Abundance

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: 30.93 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

Instrument :

BNA_F

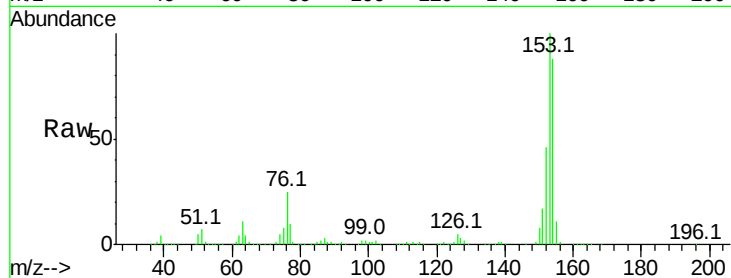
ClientSampleId :

26WARD-2A-CS-14(6-12FTBGS)MS

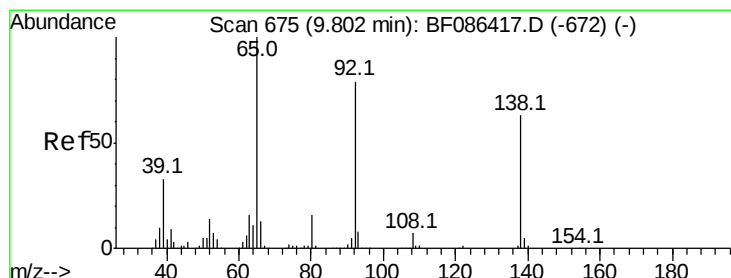
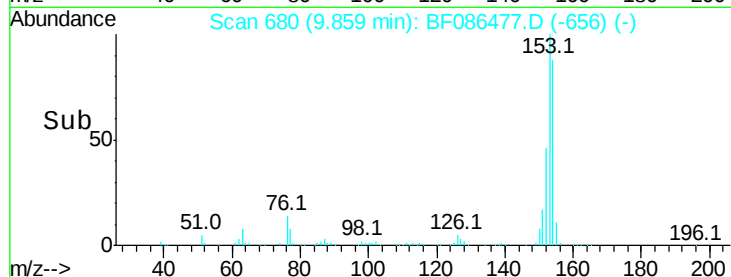
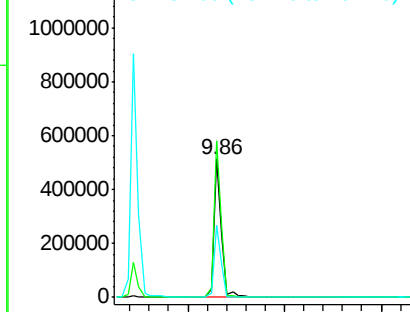
Tot Ion:	154	Resp:	575503
Ion Ratio	Lower	Upper	
154	100		
153	113.3	89.8	134.6
152	52.3	43.4	65.0

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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: 28.97 ng

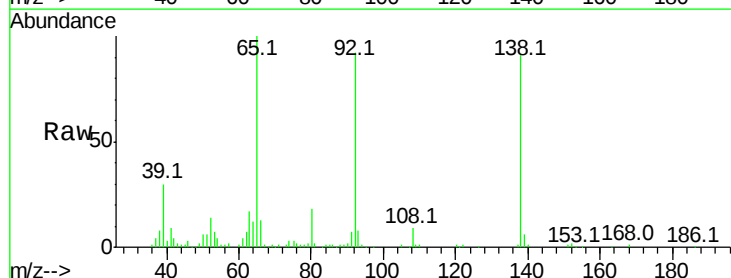
RT: 9.79 min Scan# 674

Delta R.T. -0.01 min

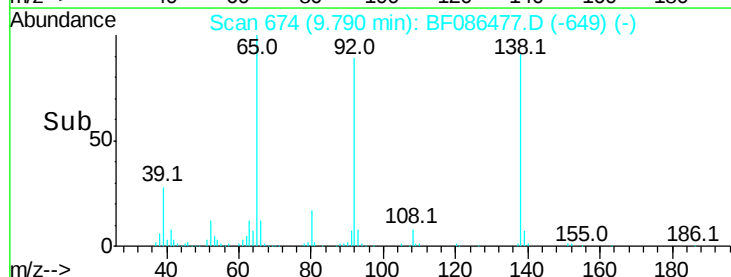
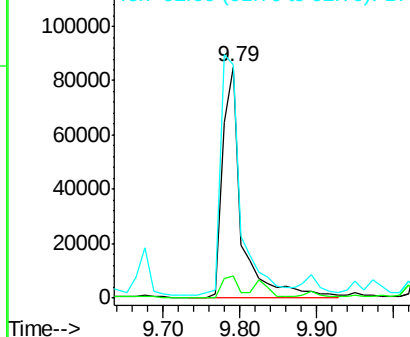
Lab File: BF086477.D

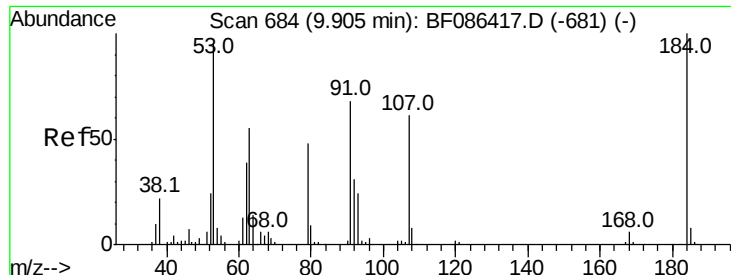
Acq: 28 Apr 2016 21:54

Tgt Ion:	138	Resp:	149454
Ion Ratio	Lower	Upper	
138	100		
108	9.8	7.8	11.6
92	101.2	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





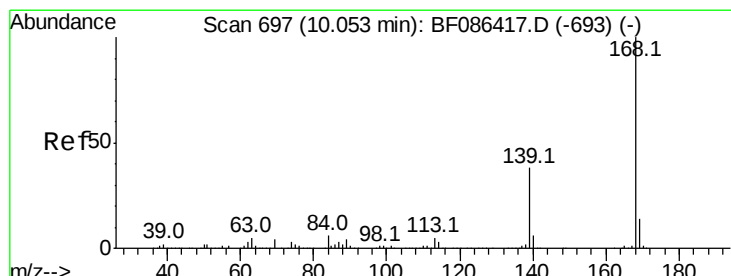
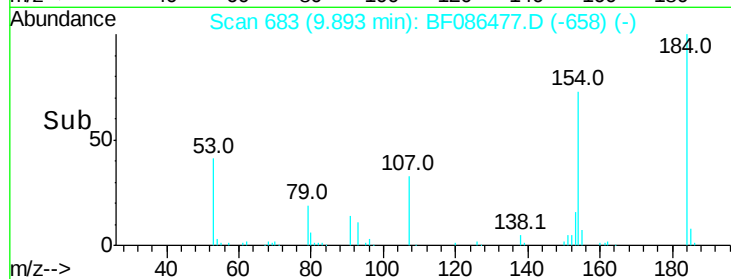
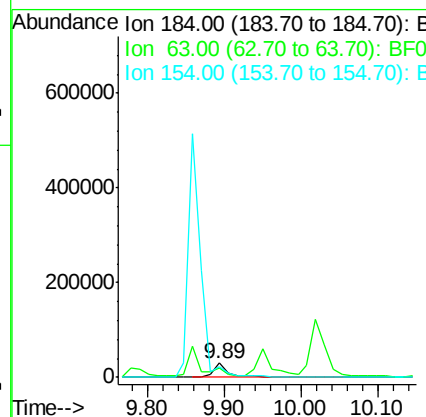
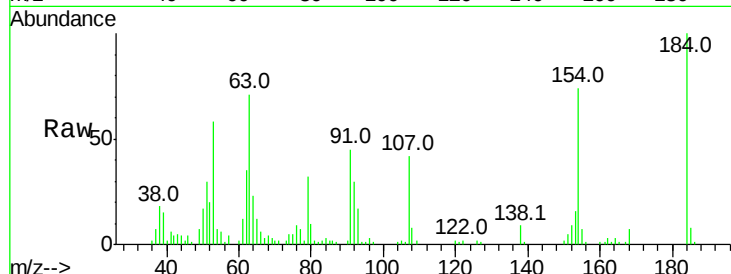
#53
 2,4-Dinitrophenol
 Concen: 23.36 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.01 min
 Lab File: BF086477.D
 Acq: 28 Apr 2016 21:54

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-14(6-12FTBGS)MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	70.6	55.8	83.8
154	74.2	62.4	93.6

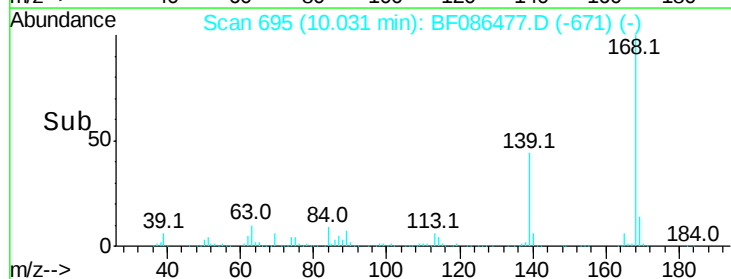
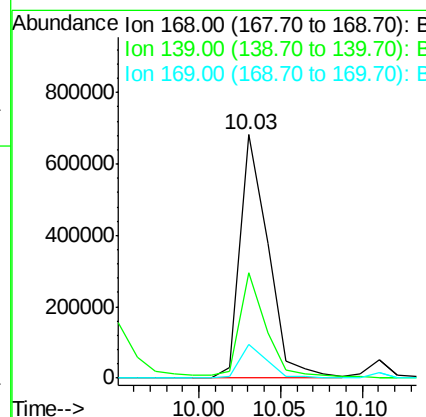
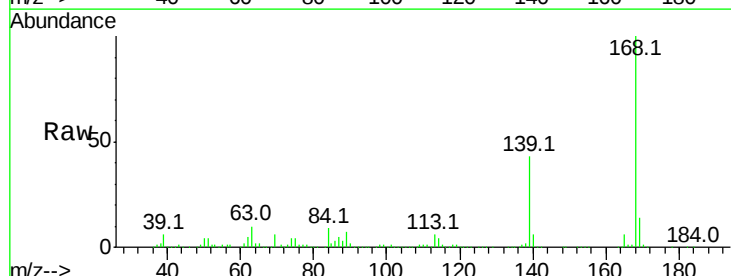
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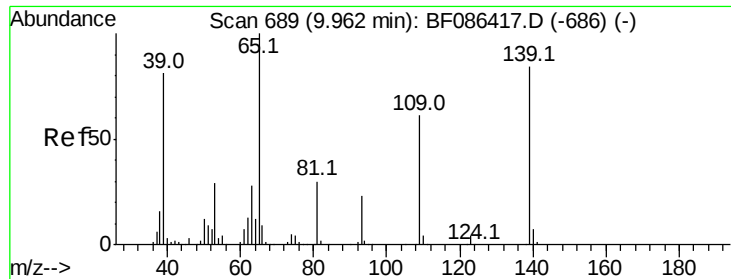
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#54
 Dibenzofuran
 Concen: 34.73 ng
 RT: 10.03 min Scan# 695
 Delta R.T. -0.02 min
 Lab File: BF086477.D
 Acq: 28 Apr 2016 21:54

Tgt Ion	Ratio	Lower	Upper
168	100		
139	43.4	31.4	47.0
169	14.1	10.7	16.1





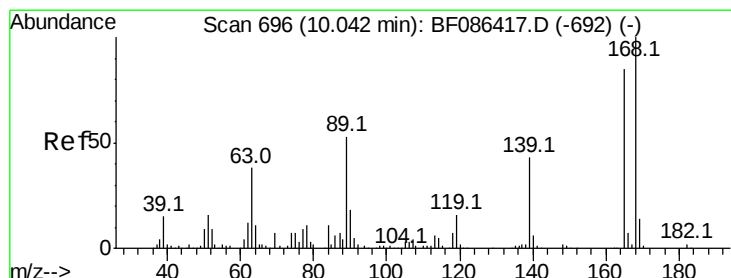
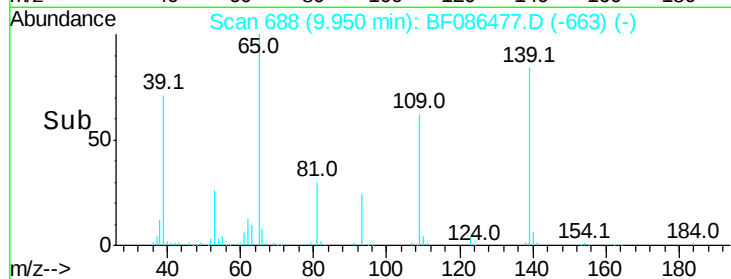
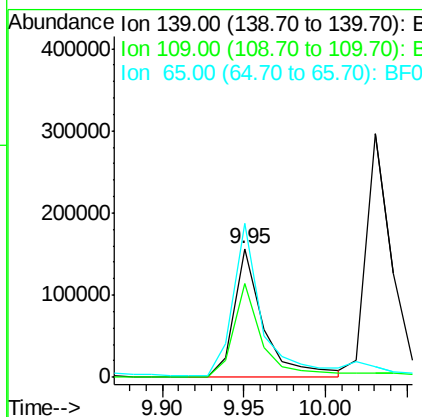
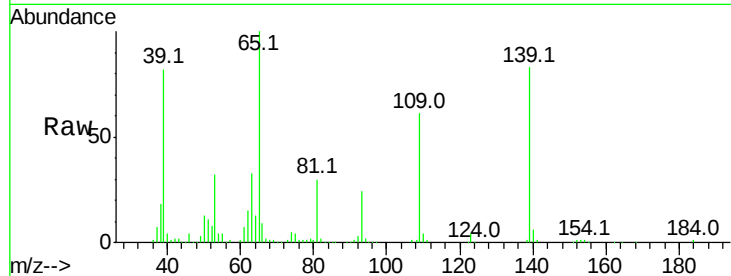
#55
4-Nitrophenol
Concen: 58.34 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF086477.D
Acq: 28 Apr 2016 21:54

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-14(6-12FTBGS)MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	73.3	36.9	76.9	
65	120.3	64.0	104.0	

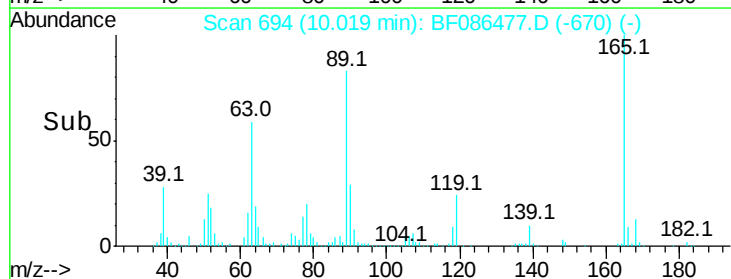
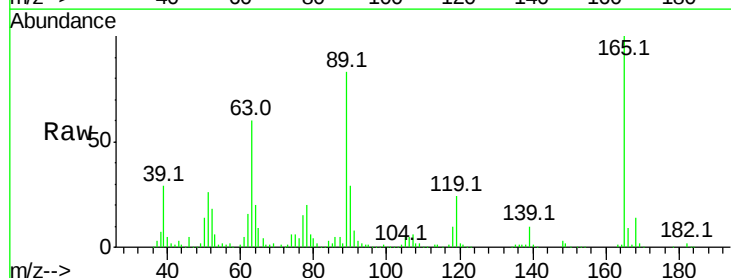
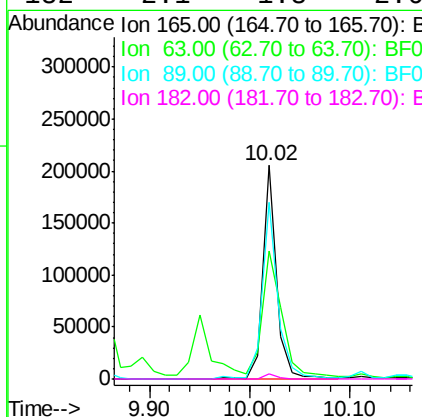
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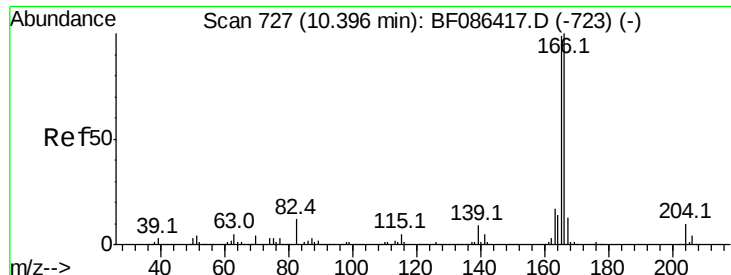
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#56
2,4-Dinitrotoluene
Concen: 33.85 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.02 min
Lab File: BF086477.D
Acq: 28 Apr 2016 21:54

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	60.1	44.3	66.5	
89	83.0	70.0	105.0	
182	2.1	1.8	2.6	





#57

Fluorene

Concen: 28.45 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

Instrument :

BNA_F

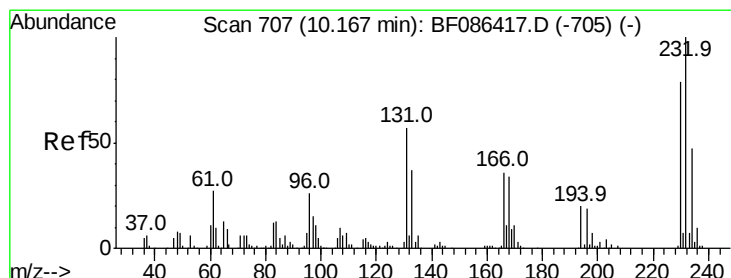
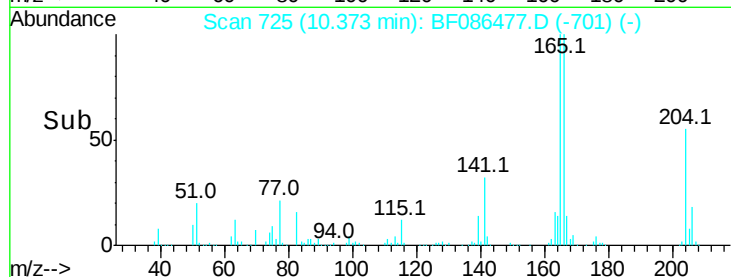
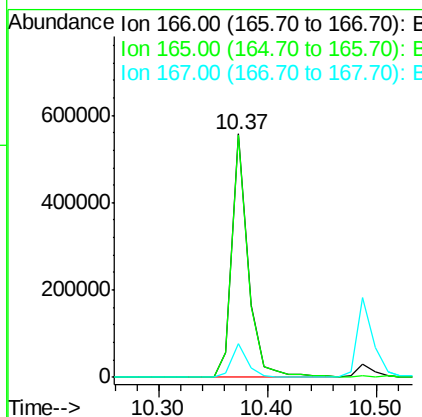
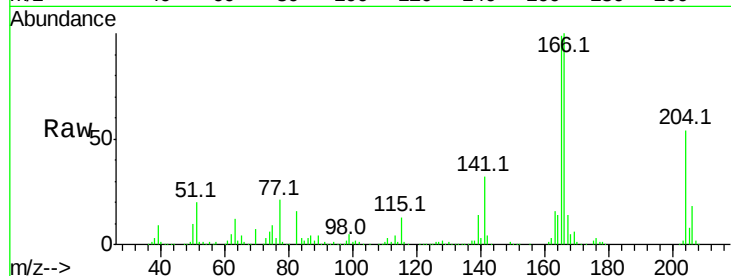
ClientSampleId :

26WARD-2A-CS-14(6-12FTBGS)MS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.5	79.0	118.6	
167	13.9	10.6	15.8	

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#58

2,3,4,6-Tetrachlorophenol

Concen: 36.01 ng

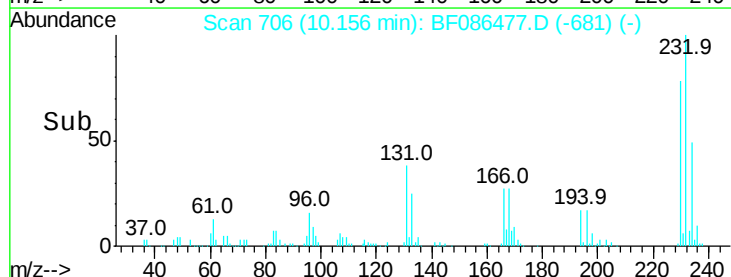
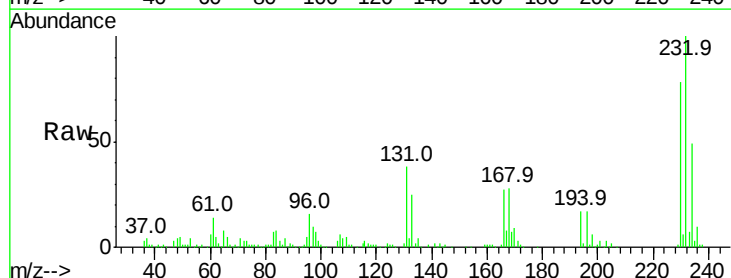
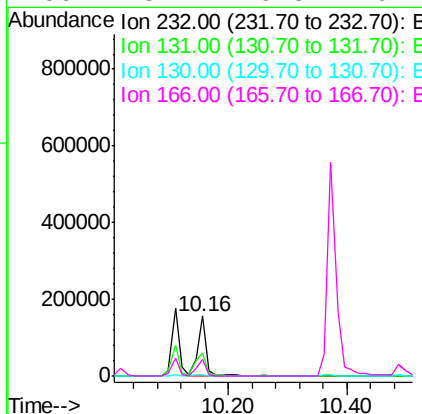
RT: 10.16 min Scan# 706

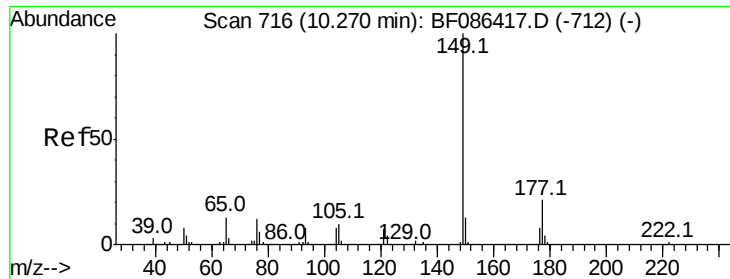
Delta R.T. -0.01 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	47.8	41.9	62.9	
130	2.2	2.2	3.4	
166	28.7	26.8	40.2	





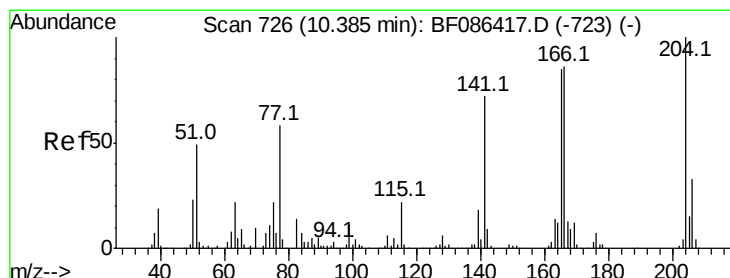
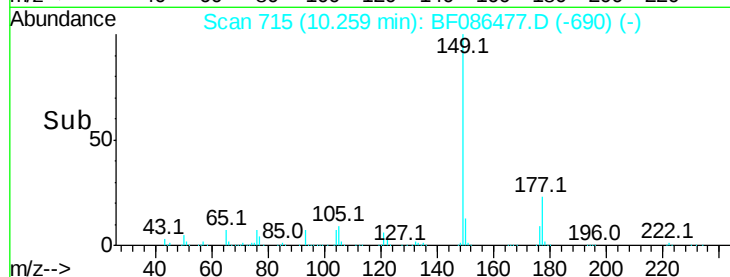
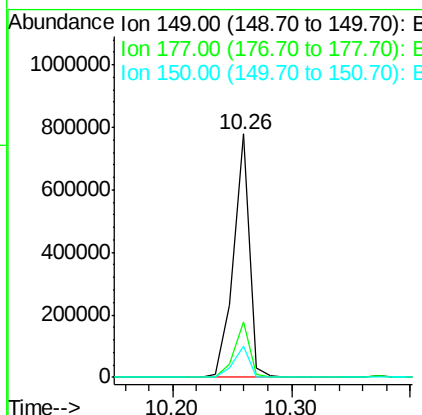
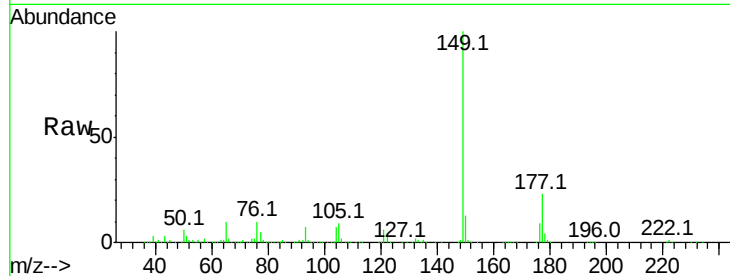
#59
Diethylphthalate
Concen: 35.09 ng
RT: 10.26 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF086477.D
Acq: 28 Apr 2016 21:54

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-14(6-12FTBGS)MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	729242		
177	22.5	16.6	24.8	
150	12.7	10.0	15.0	

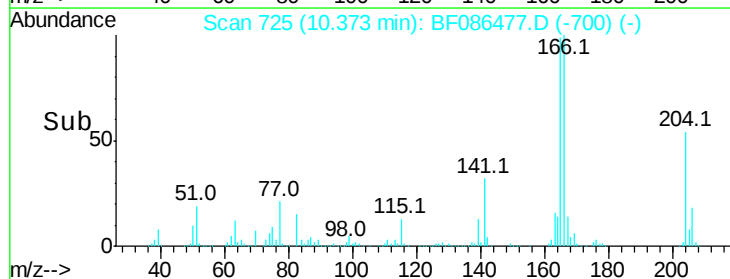
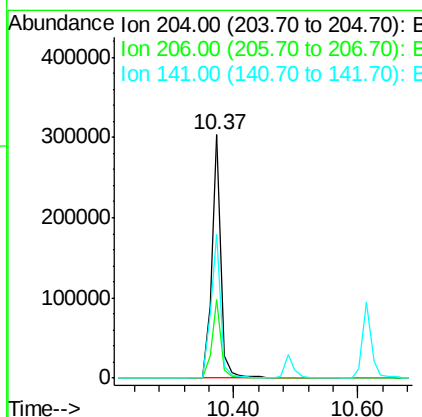
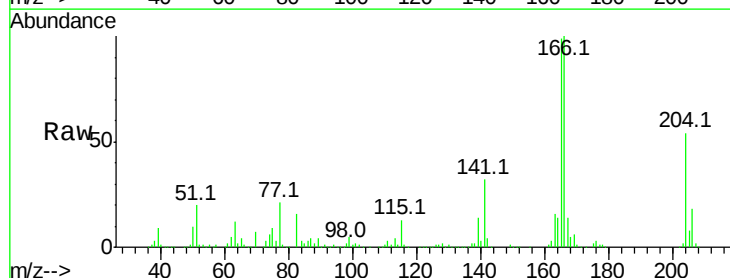
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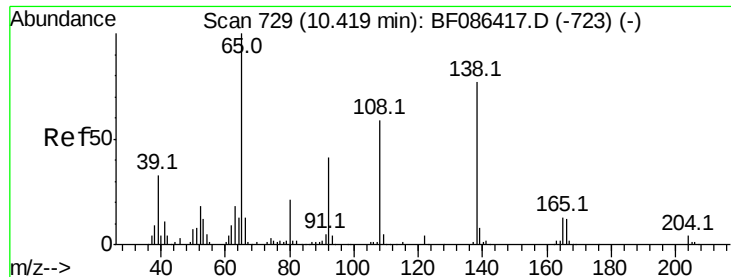
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#60
4-Chlorophenyl-phenylether
Concen: 33.31 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF086477.D
Acq: 28 Apr 2016 21:54

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	305377		
206	32.5	25.4	38.0	
141	59.1	61.6	92.4#	





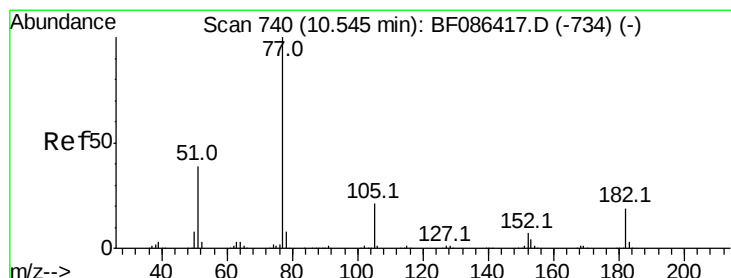
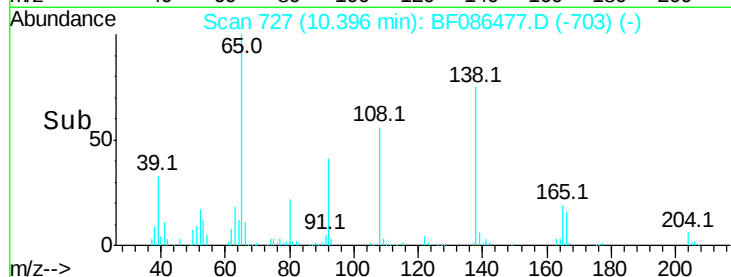
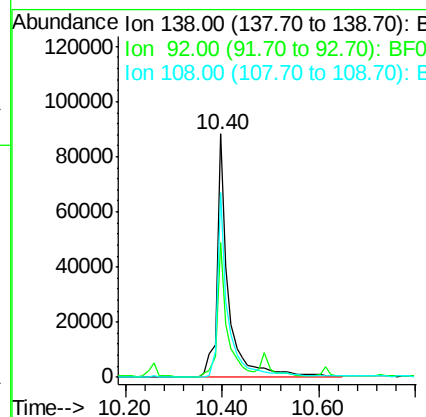
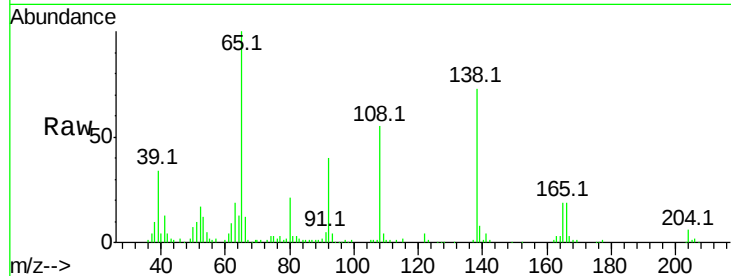
#61
4-Nitroaniline
Concen: 29.98 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.02 min
Lab File: BF086477.D
Acq: 28 Apr 2016 21:54

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-14(6-12FTBGS)MS

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	55.2	24.7	64.7	
108	76.0	37.4	77.4	

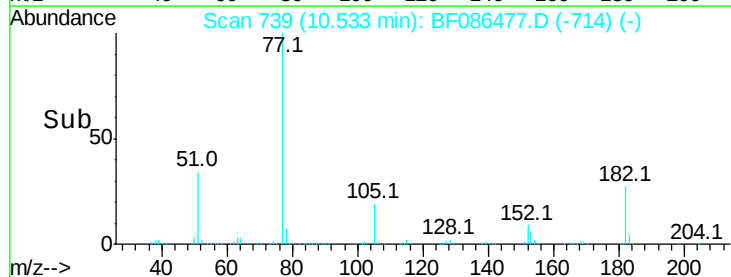
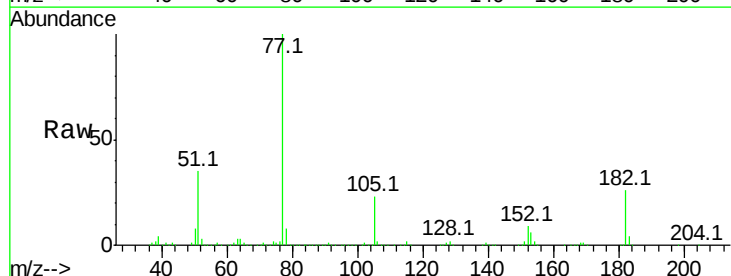
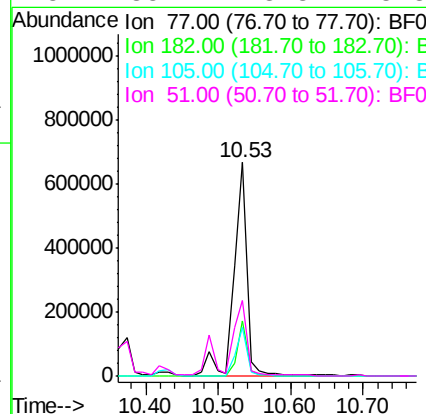
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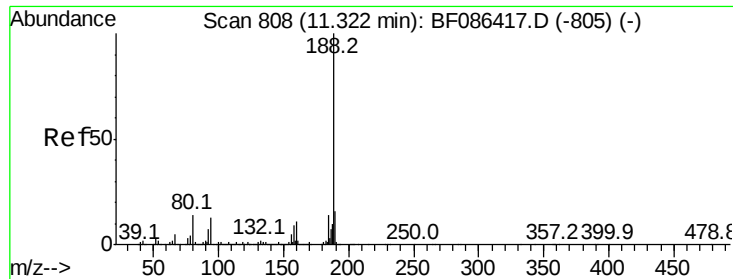
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#62
Azobenzene
Concen: 36.31 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF086477.D
Acq: 28 Apr 2016 21:54

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	26.0	0.0	38.8	
105	22.9	3.2	43.2	
51	35.4	8.8	48.8	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.31 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

Instrument :

BNA_F

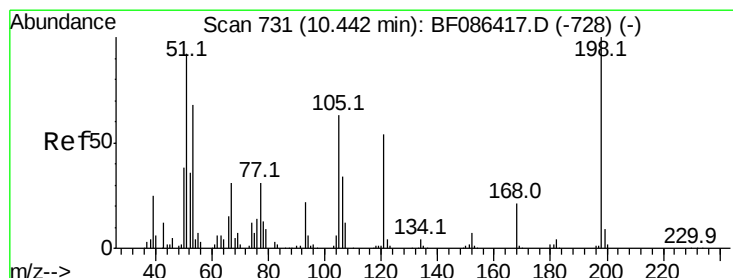
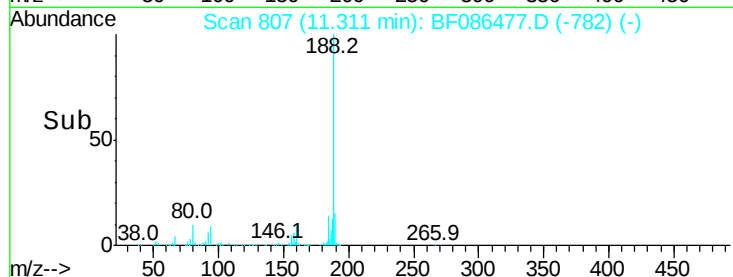
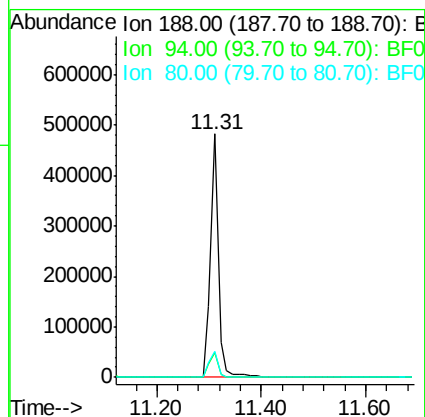
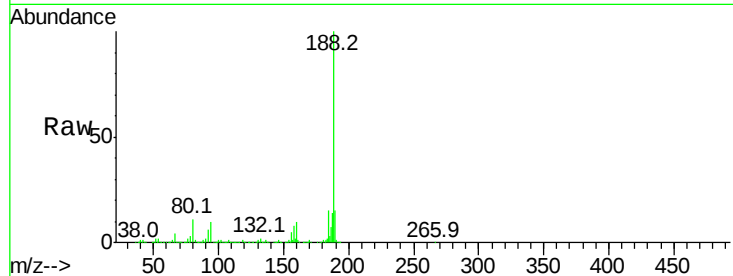
ClientSampleId :

26WARD-2A-CS-14(6-12FTBGS)MS

Tot Ion:	188	Resp:	510640
Ion Ratio	Lower	Upper	
188	100		
94	10.1	6.8	10.2
80	10.6	7.1	10.7

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#64

4,6-Dinitro-2-methylphenol

Concen: 18.94 ng m

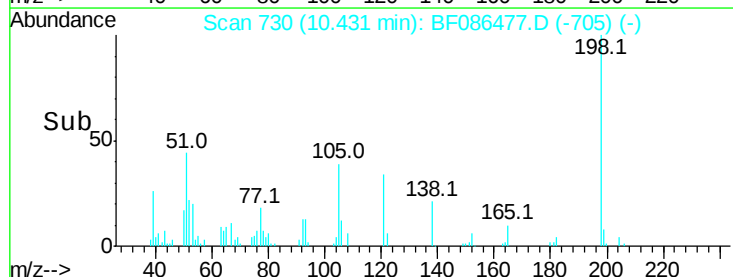
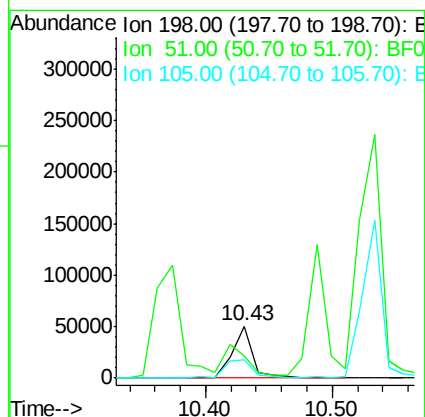
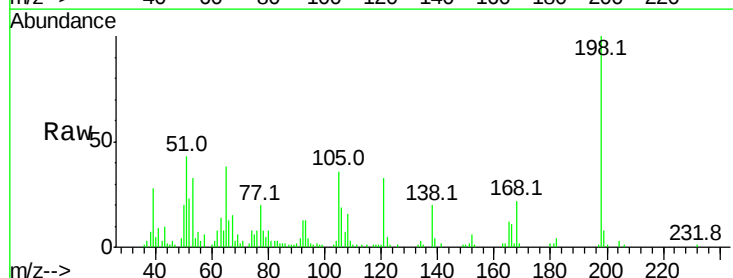
RT: 10.43 min Scan# 730

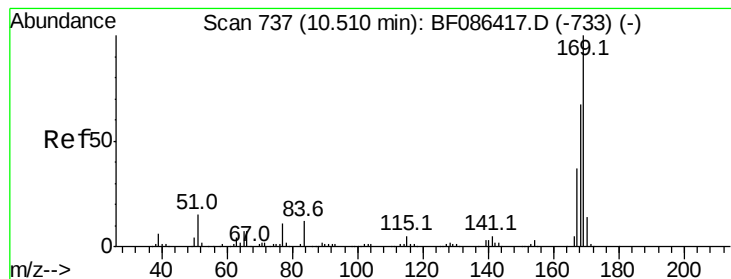
Delta R.T. -0.01 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

Tgt Ion:	198	Resp:	56769
Ion Ratio	Lower	Upper	
198	100		
51	43.4	20.5	60.5
105	36.0	24.5	64.5





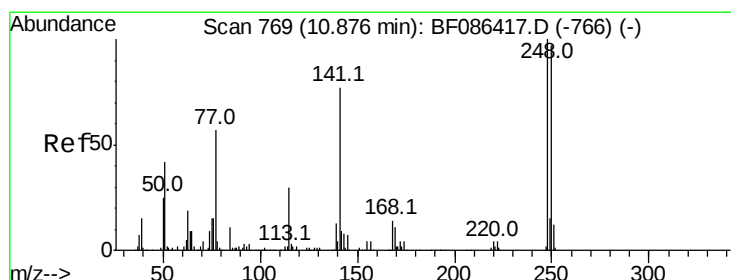
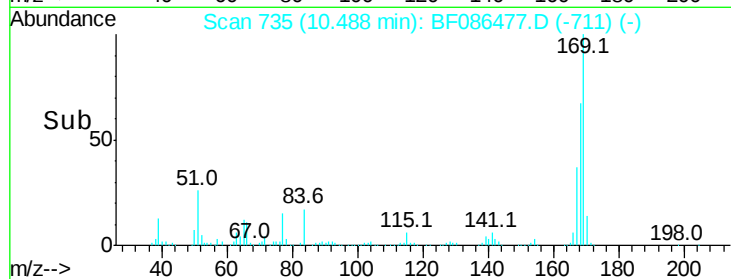
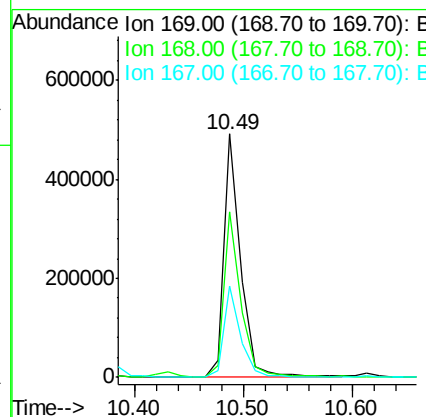
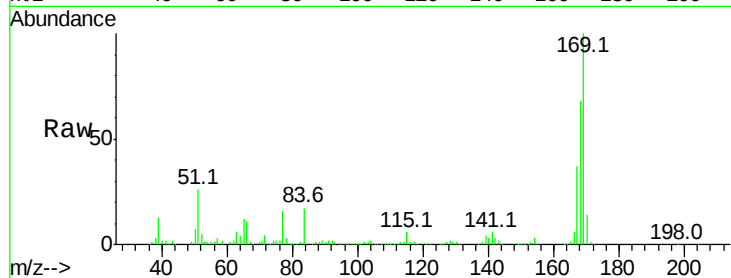
#65
n-Nitrosodiphenylamine
Concen: 33.22 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF086477.D
Acq: 28 Apr 2016 21:54

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-14(6-12FTBGS)MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	530146		
168	67.7	53.8	80.6	
167	37.4	29.5	44.3	

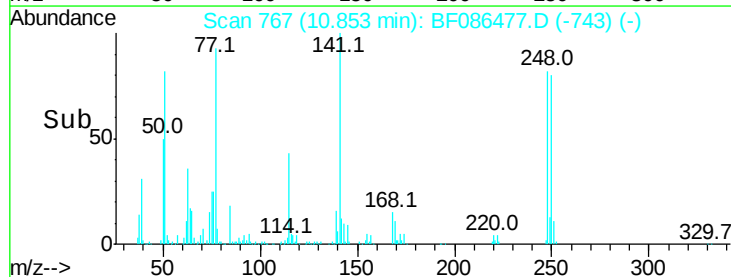
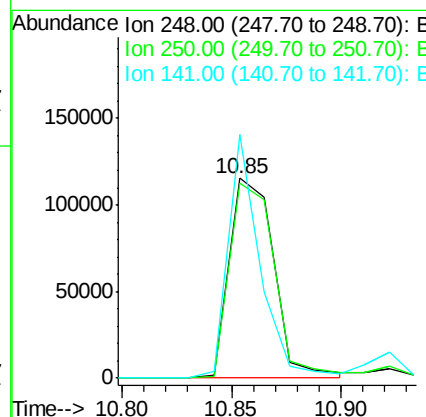
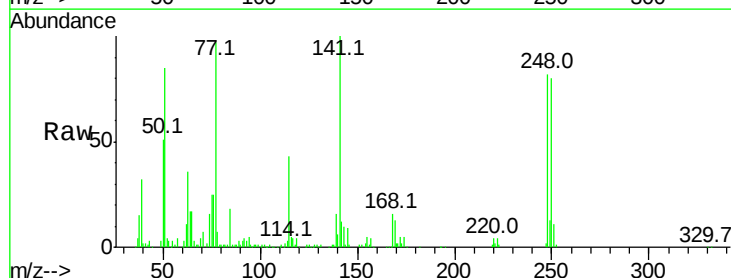
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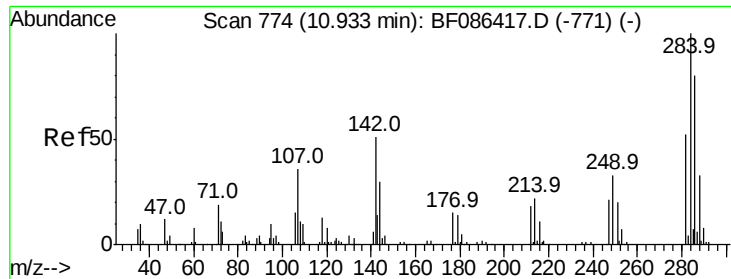
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#66
4-Bromophenyl-phenylether
Concen: 31.06 ng m
RT: 10.85 min Scan# 767
Delta R.T. -0.02 min
Lab File: BF086477.D
Acq: 28 Apr 2016 21:54

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	163427		
250	97.5	78.6	117.8	
141	121.7	76.0	114.0#	





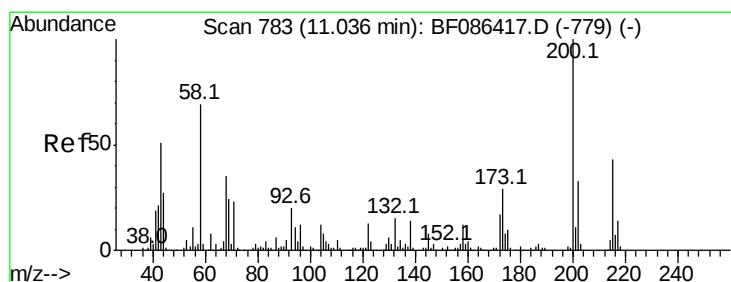
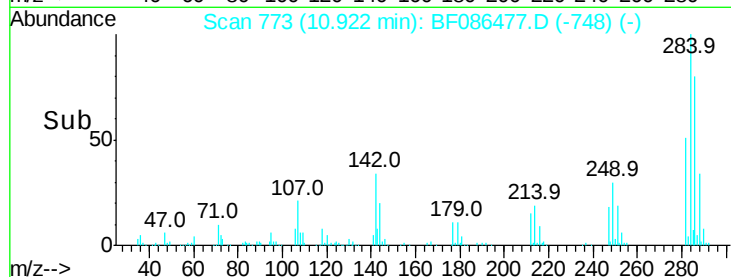
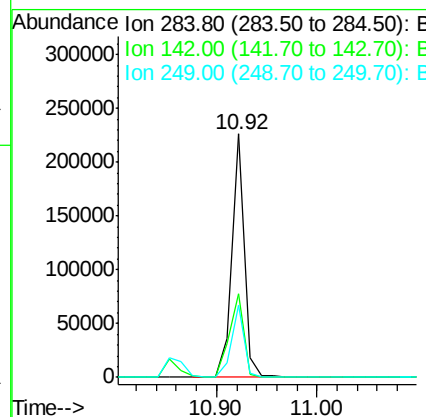
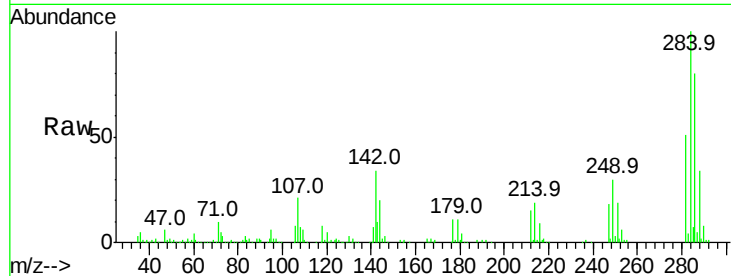
#67
Hexachlorobenzene
Concen: 32.17 ng
RT: 10.92 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF086477.D
Acq: 28 Apr 2016 21:54

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-14(6-12FTBGS)MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	195958		
142	34.2	16.7	25.1#	
249	29.6	21.3	31.9	

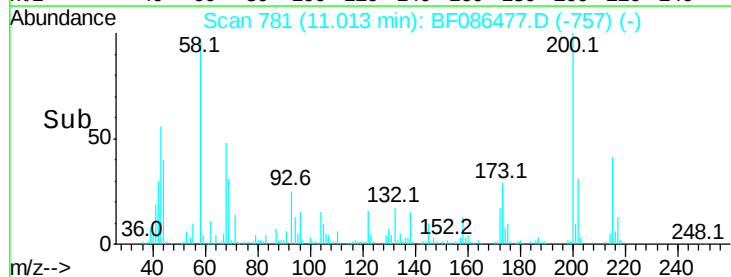
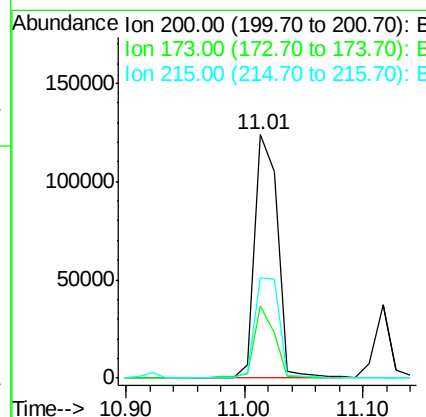
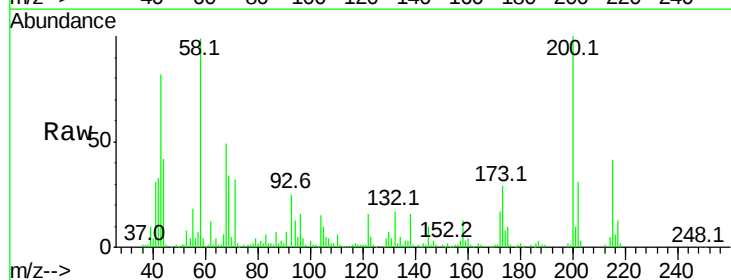
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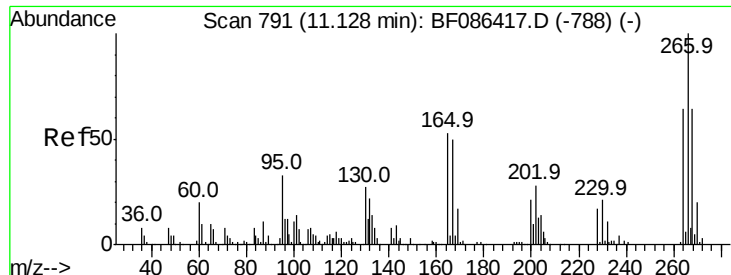
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#68
Atrazine
Concen: 35.02 ng
RT: 11.01 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF086477.D
Acq: 28 Apr 2016 21:54

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	167820		
173	29.4	8.5	48.5	
215	41.0	27.2	67.2	





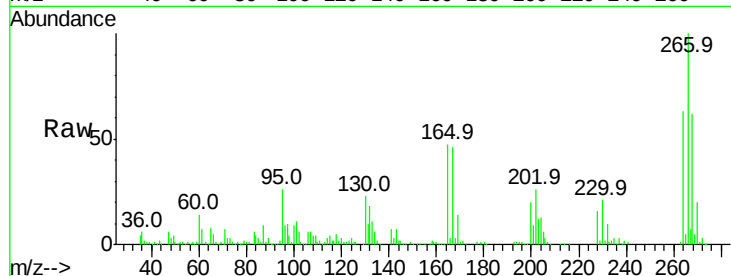
#69
 Pentachlorophenol
 Concen: 55.43 ng
 RT: 11.12 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF086477.D
 Acq: 28 Apr 2016 21:54

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-14(6-12FTBGS)MS

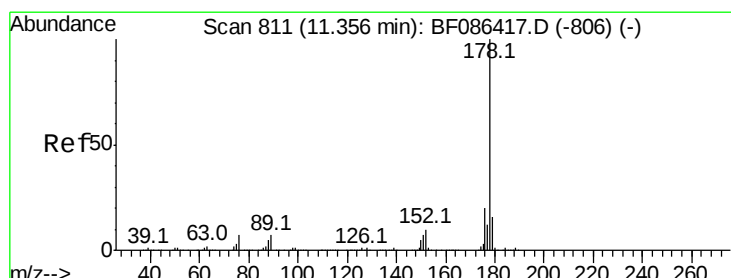
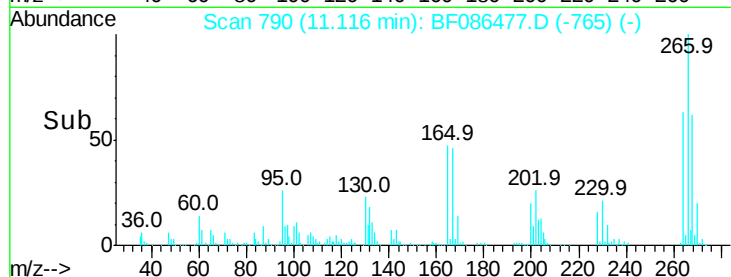
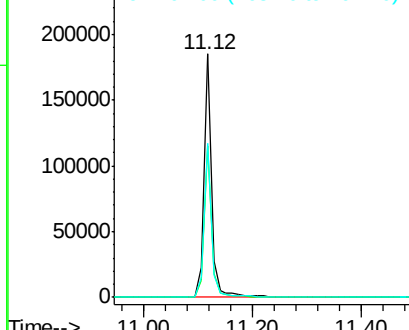
Tot Ion	Ratio	Resp	Lower	Upper
266	100	177986		
268	62.1	51.5	77.3	
264	63.2	52.9	79.3	

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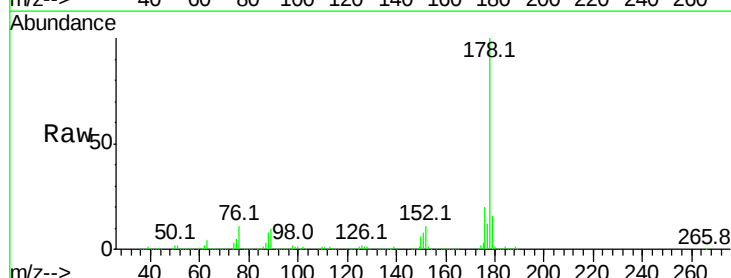


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

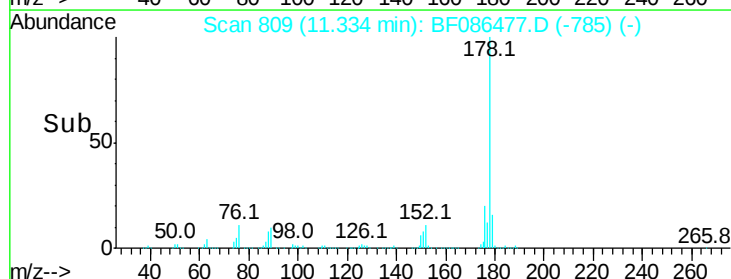
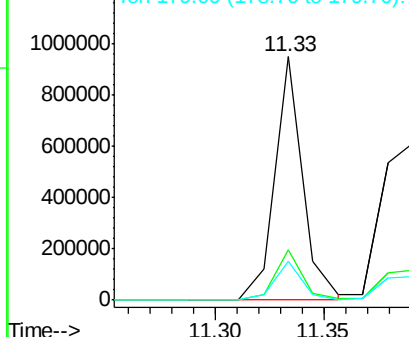


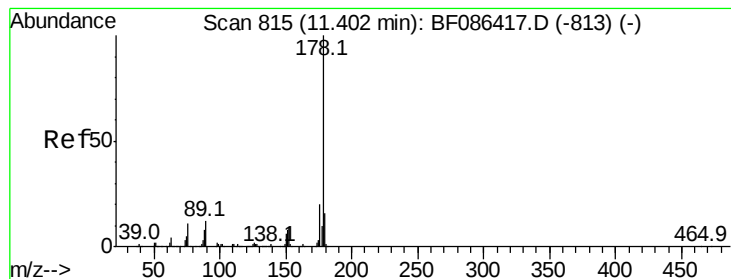
#70
 Phenanthrene
 Concen: 31.95 ng
 RT: 11.33 min Scan# 809
 Delta R.T. -0.02 min
 Lab File: BF086477.D
 Acq: 28 Apr 2016 21:54

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	856071		
176	20.5	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: 32.39 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

Instrument :

BNA_F

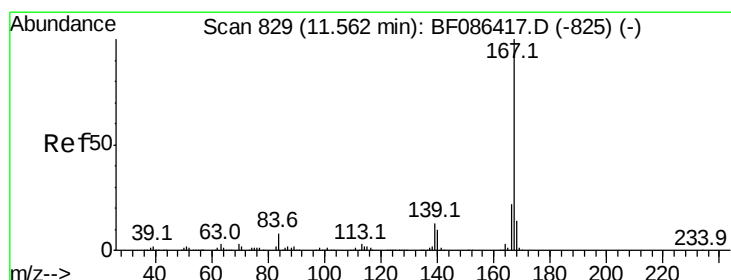
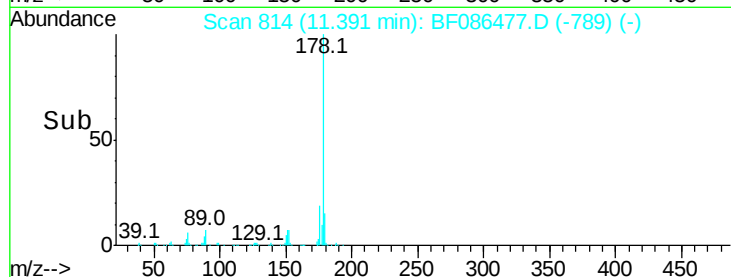
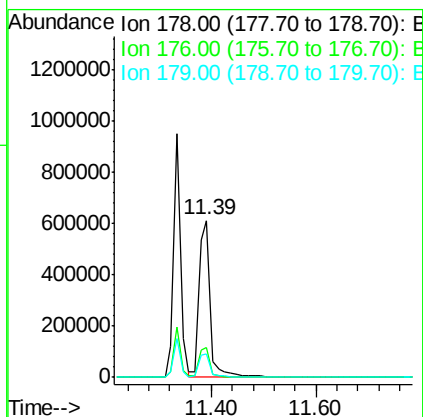
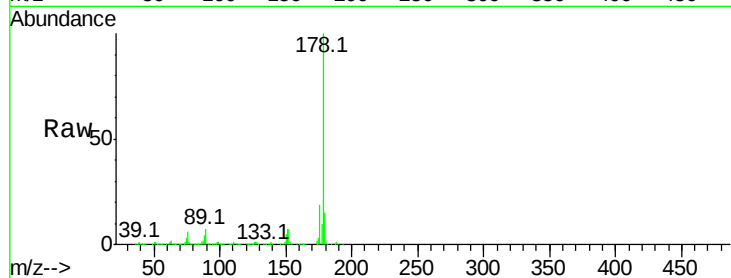
ClientSampleId :

26WARD-2A-CS-14(6-12FTBGS)MS

Tot Ion:	178	Resp:	926226
Ion Ratio	Lower	Upper	
178	100		
176	19.4	15.6	23.4
179	15.2	12.7	19.1

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#72

Carbazole

Concen: 31.22 ng

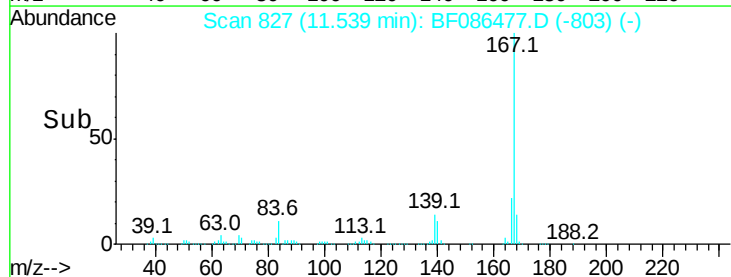
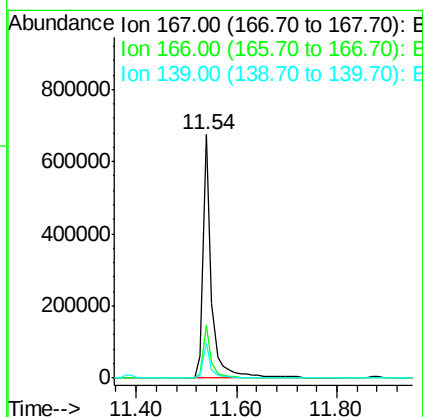
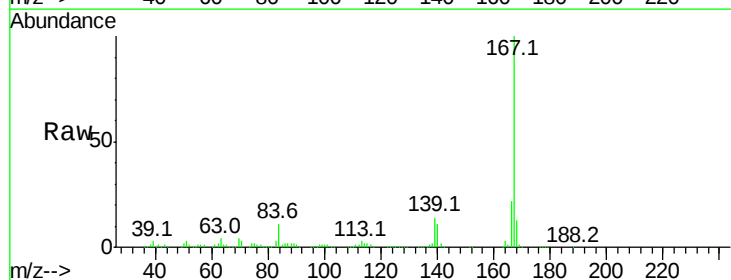
RT: 11.54 min Scan# 827

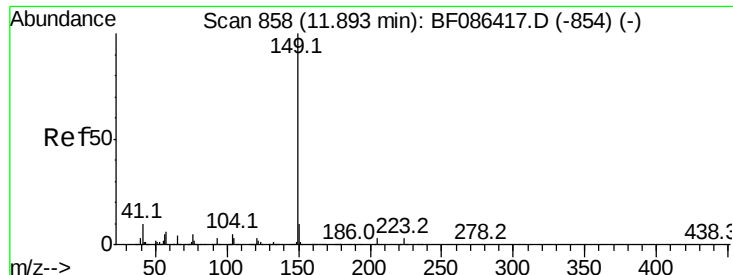
Delta R.T. -0.02 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

Tgt Ion:	167	Resp:	791351
Ion Ratio	Lower	Upper	
167	100		
166	21.8	17.7	26.5
139	14.1	10.8	16.2





#73

Di-n-butylphthalate

Concen: 36.38 ng

RT: 11.88 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-14(6-12FTBGS)MS

Tot Ion:149 Resp: 1044583

Ion Ratio Lower Upper

149 100

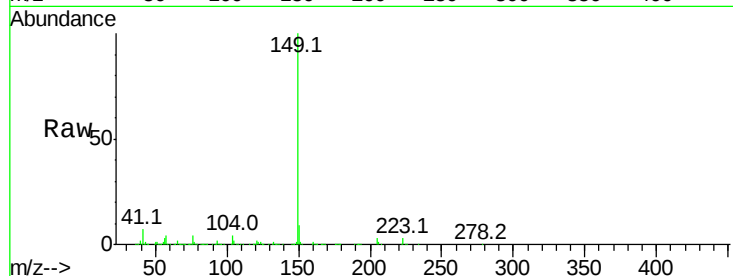
150 9.2 7.6 11.4

104 4.4 3.8 5.6

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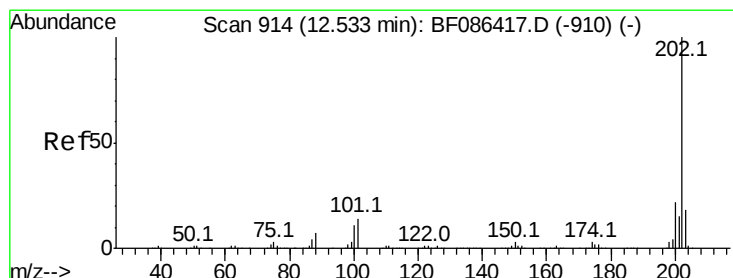
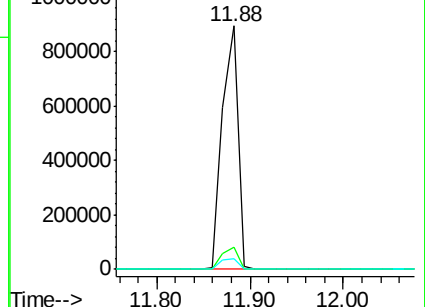
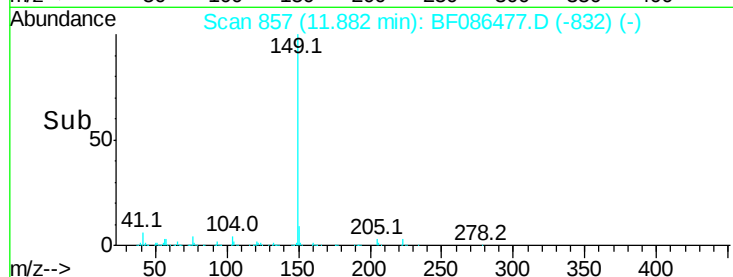
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 29.27 ng

RT: 12.51 min Scan# 912

Delta R.T. -0.02 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

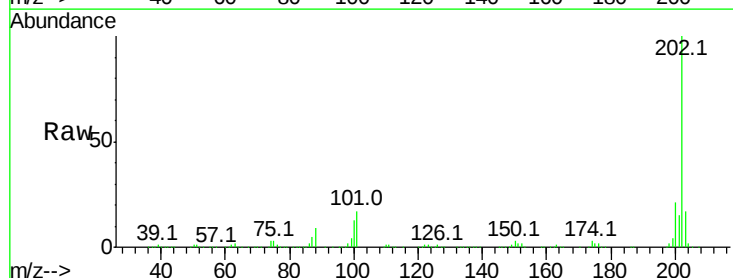
Tgt Ion:202 Resp: 791717

Ion Ratio Lower Upper

202 100

101 17.3 0.0 35.4

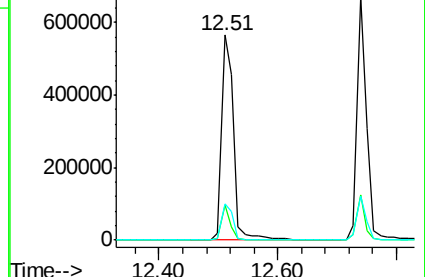
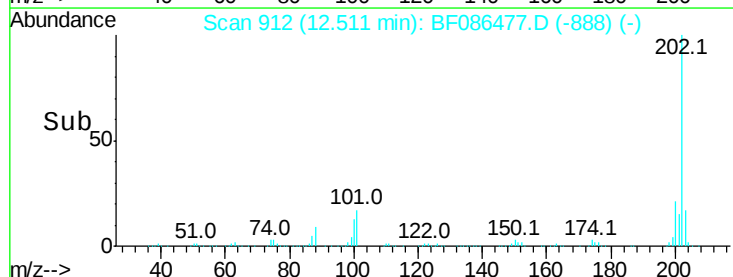
203 17.5 0.0 38.1

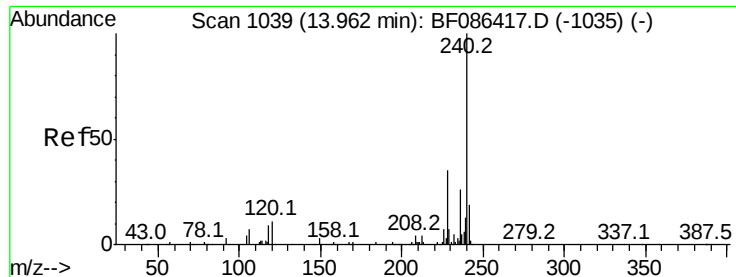


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.02 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

Instrument :

BNA_F

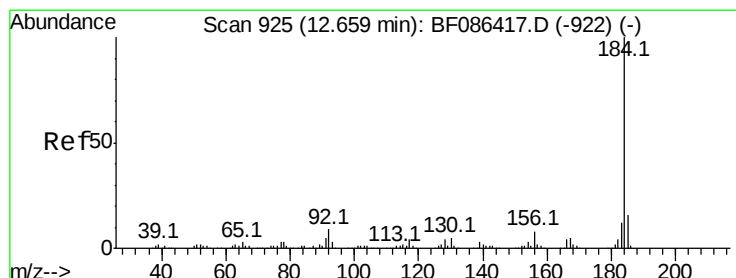
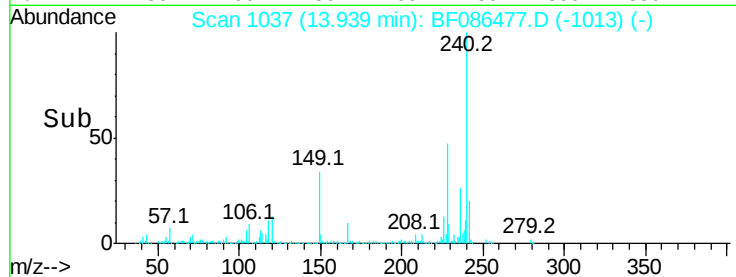
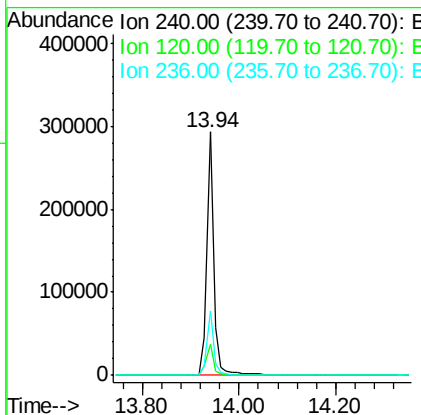
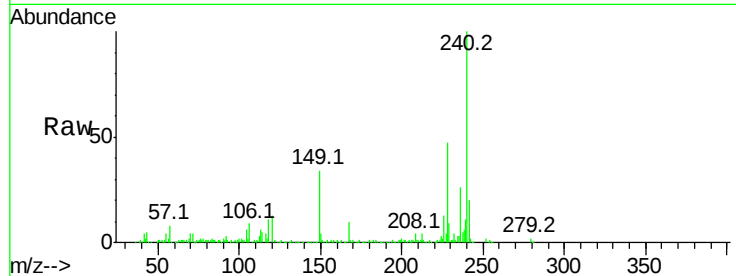
ClientSampleId :

26WARD-2A-CS-14(6-12FTBGS)MS

Tot Ion:	240	Resp:	298710
Ion Ratio	Lower	Upper	
240	100		
120	12.9	11.2	16.8
236	26.5	21.2	31.8

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#76

Benzidine

Concen: 21.98 ng

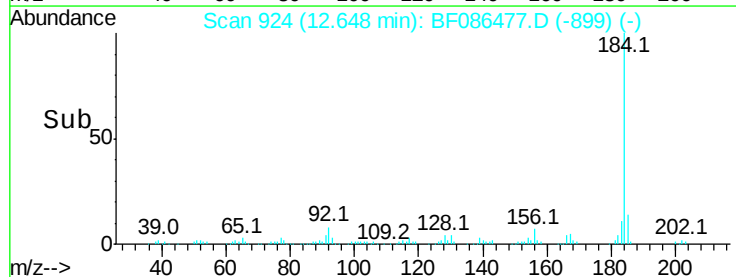
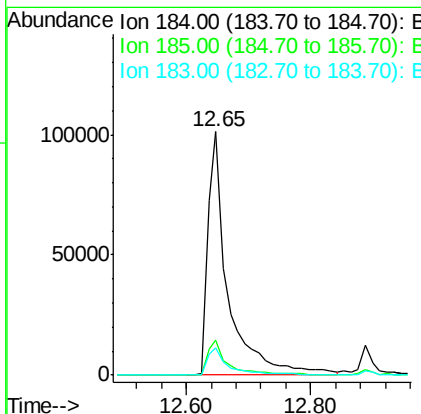
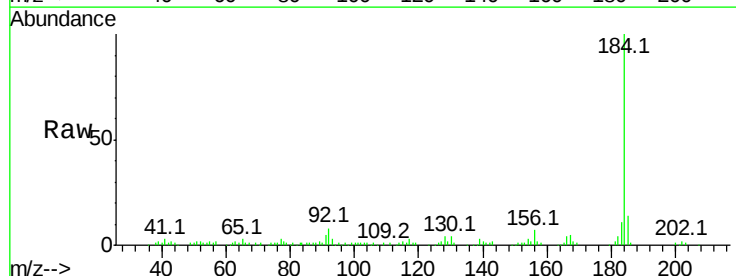
RT: 12.65 min Scan# 924

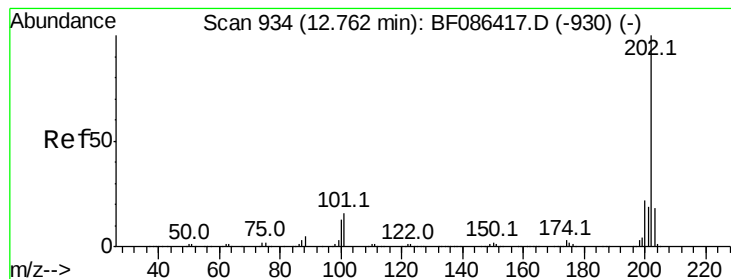
Delta R.T. -0.01 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

Tgt Ion:	184	Resp:	225660
Ion Ratio	Lower	Upper	
184	100		
185	14.3	13.6	20.4
183	11.4	9.8	14.6





#77

Pvrene

Concen: 34.38 ng

RT: 12.74 min Scan# 932

Delta R.T. -0.02 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

Instrument :

BNA_F

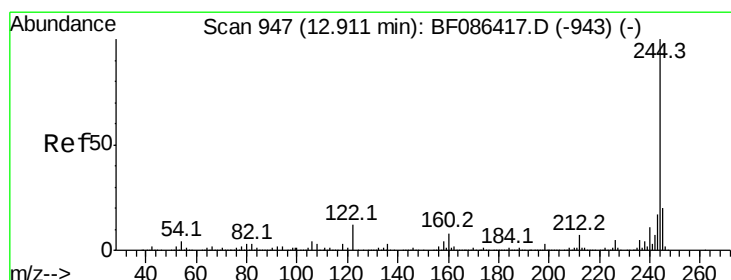
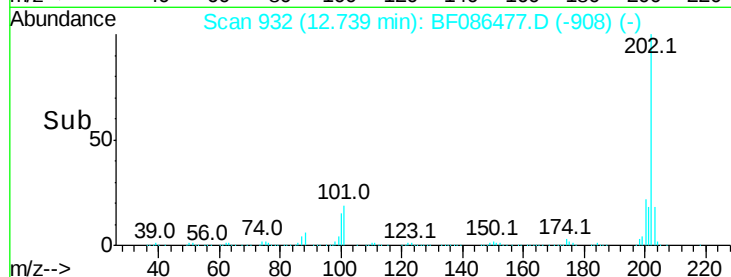
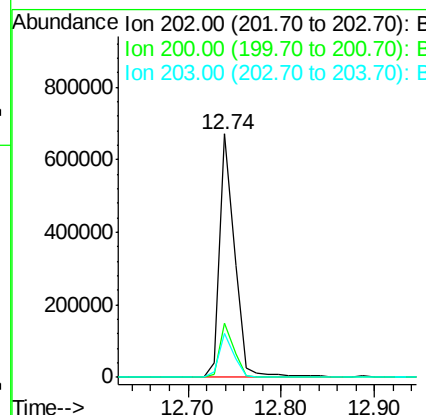
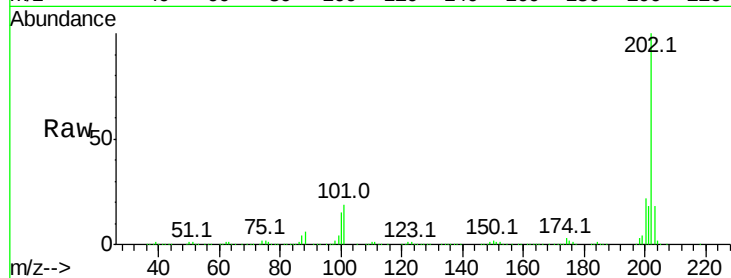
ClientSampleId :

26WARD-2A-CS-14(6-12FTBGS)MS

Tot Ion:	202	Resp:	739937
Ion Ratio	Lower	Upper	
202	100		
200	22.1	17.7	26.5
203	18.1	14.2	21.4

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#78

Terphenyl-d14

Concen: 62.87 ng

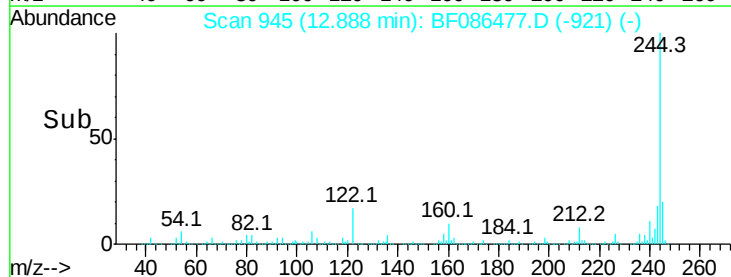
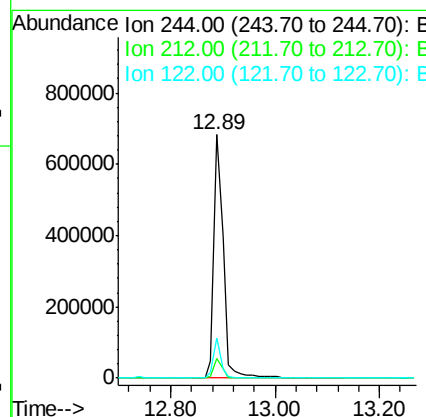
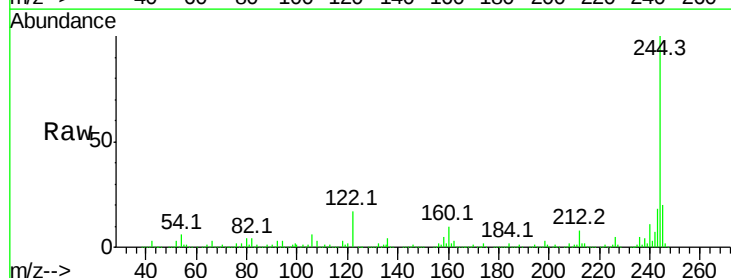
RT: 12.89 min Scan# 945

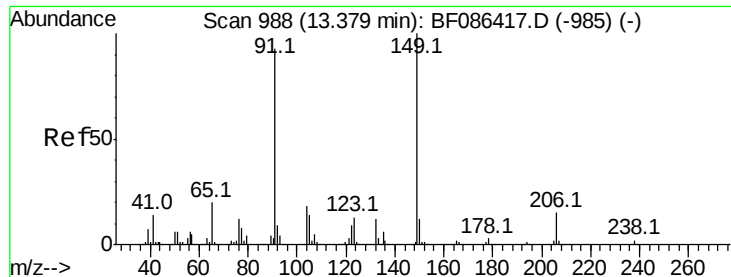
Delta R.T. -0.02 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

Tgt Ion:	244	Resp:	852390
Ion Ratio	Lower	Upper	
244	100		
212	8.1	6.2	9.2
122	16.6	12.0	18.0





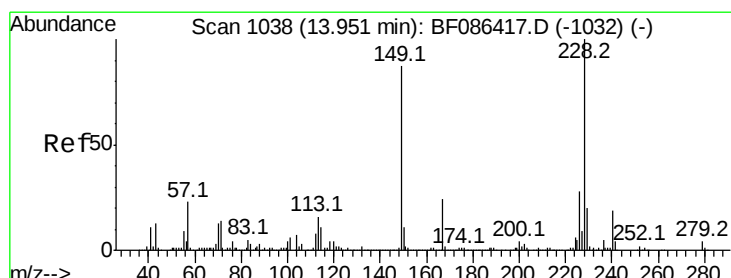
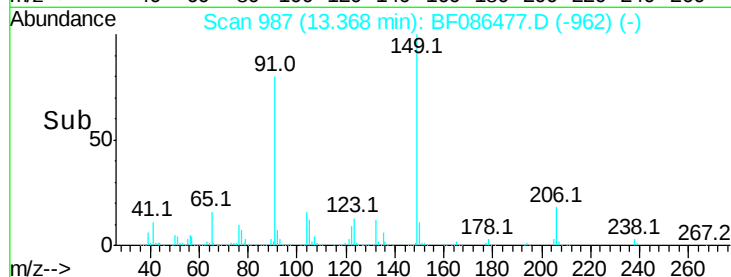
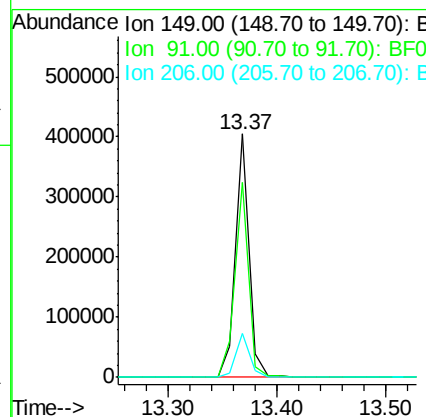
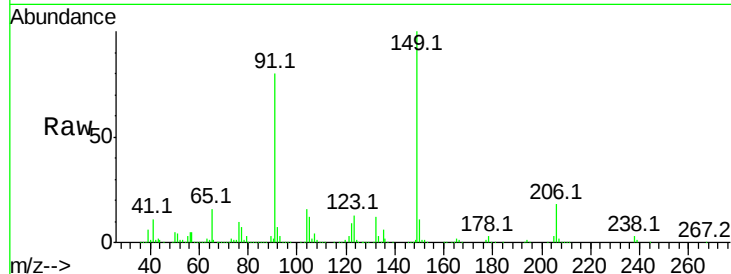
#79
Butylbenzylphthalate
Concen: 37.13 ng
RT: 13.37 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF086477.D
Acq: 28 Apr 2016 21:54

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-14(6-12FTBGS)MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	346135		
91	80.1	48.0	72.0#	
206	17.9	15.8	23.6	

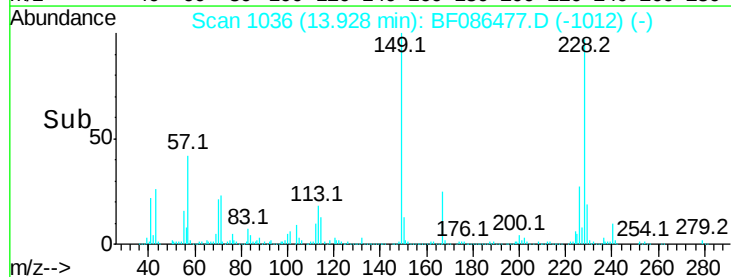
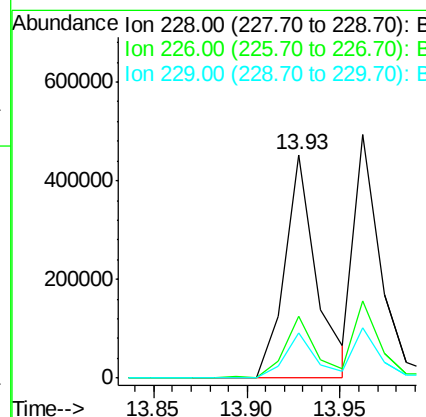
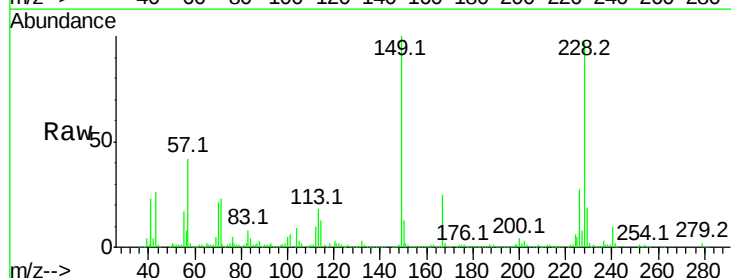
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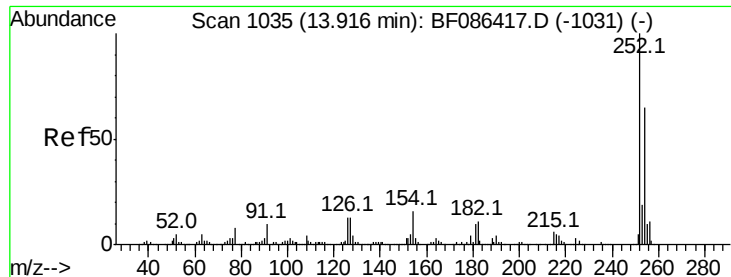
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#80
Benzo(a)anthracene
Concen: 33.71 ng
RT: 13.93 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF086477.D
Acq: 28 Apr 2016 21:54

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	536917		
226	28.0	22.5	33.7	
229	20.0	16.6	25.0	





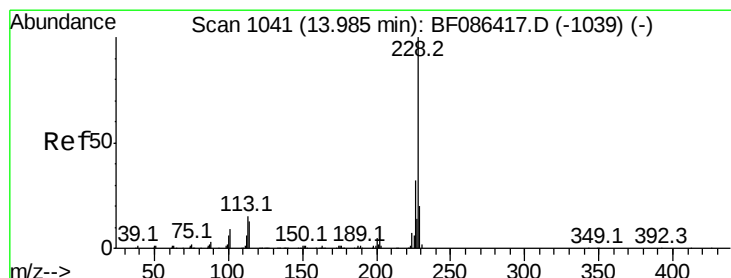
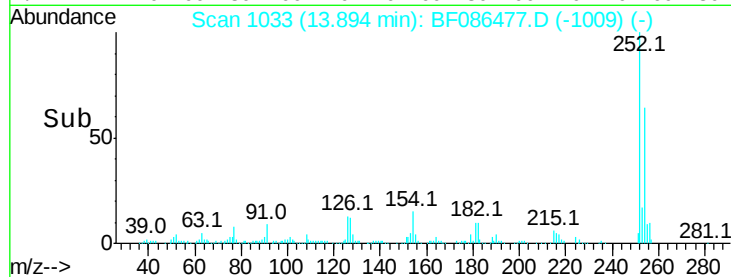
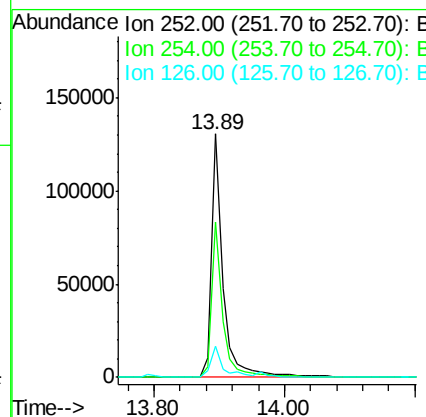
#81
 3,3'-Dichlorobenzidine
 Concen: 15.14 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. -0.02 min
 Lab File: BF086477.D
 Acq: 28 Apr 2016 21:54

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-14(6-12FTBGS)MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	161150		
254	63.6	50.7	76.1	
126	12.8	12.7	19.1	

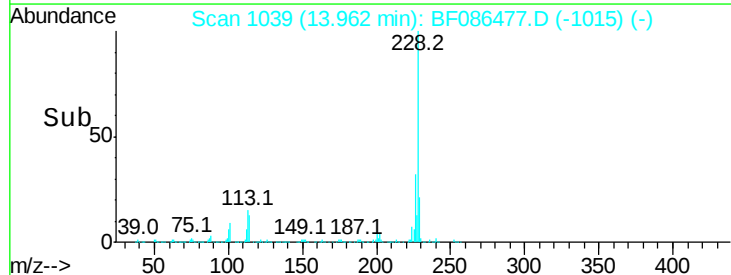
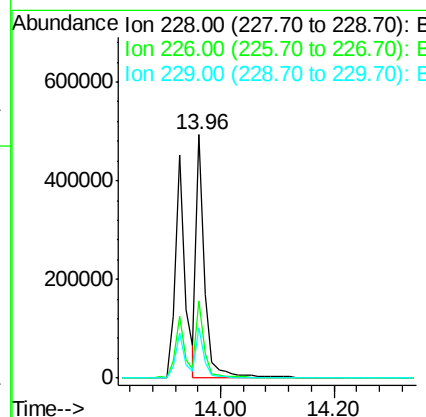
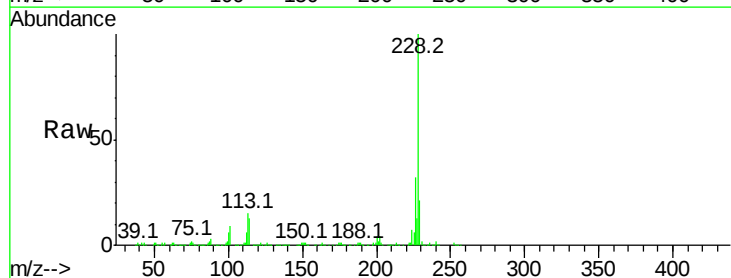
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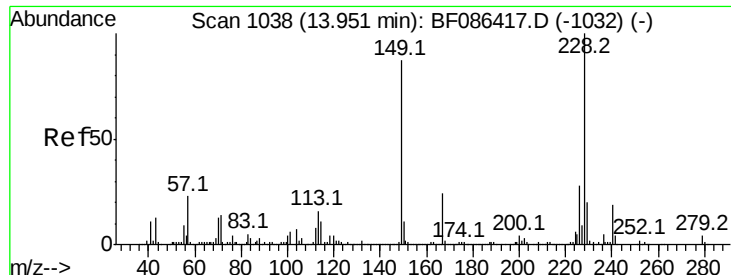
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#82
 Chrysene
 Concen: 30.50 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. -0.02 min
 Lab File: BF086477.D
 Acq: 28 Apr 2016 21:54

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	527945		
226	31.8	24.4	36.6	
229	20.5	15.8	23.8	





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.45 ng

RT: 13.93 min Scan# 1036

Delta R.T. -0.02 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

Instrument :

BNA_F

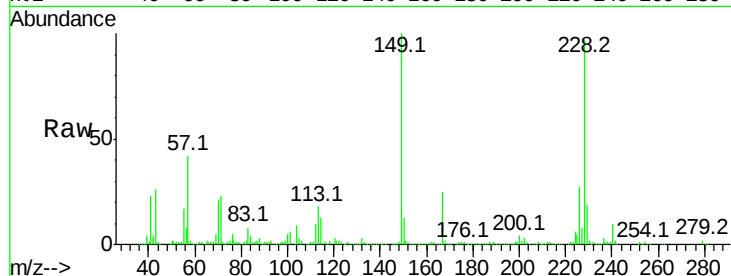
ClientSampleId :

26WARD-2A-CS-14(6-12FTBGS)MS

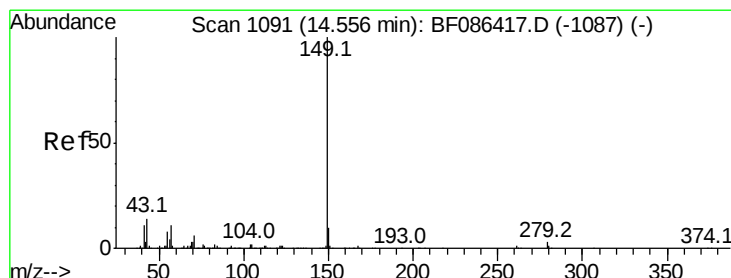
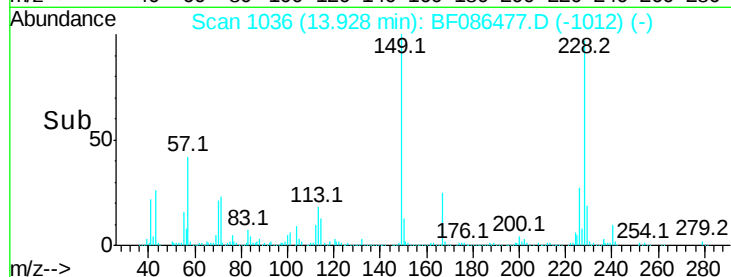
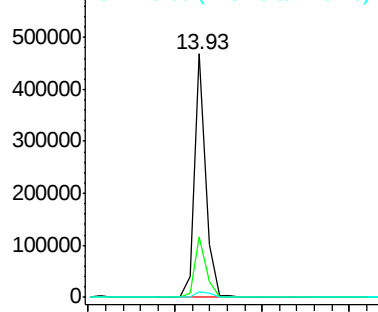
Tot Ion:	149	Resp:	421751
Ion Ratio	Lower	Upper	
149	100		
167	24.8	21.8	32.6
279	2.5	2.6	4.0#

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



#84

Di-n-octyl phthalate

Concen: 39.26 ng

RT: 14.53 min Scan# 1089

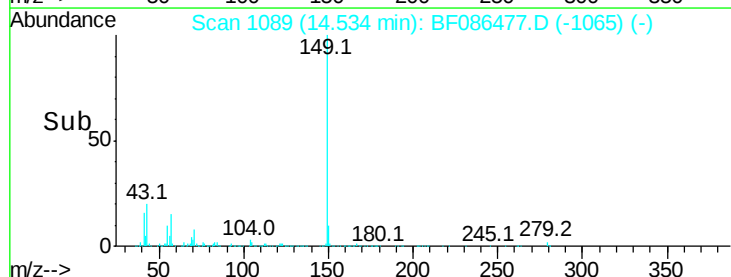
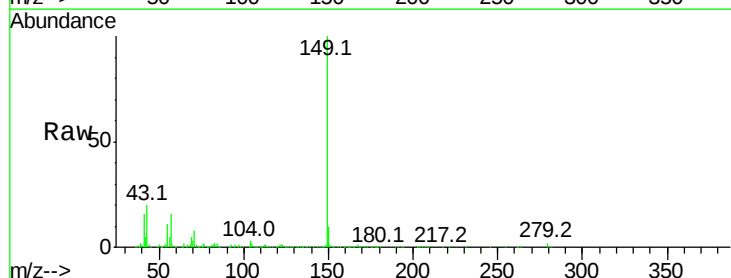
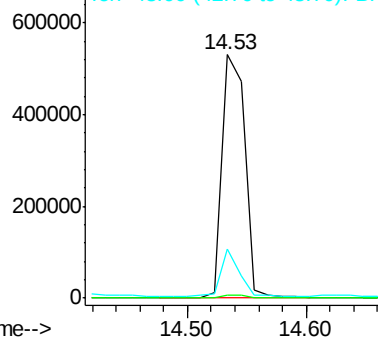
Delta R.T. -0.02 min

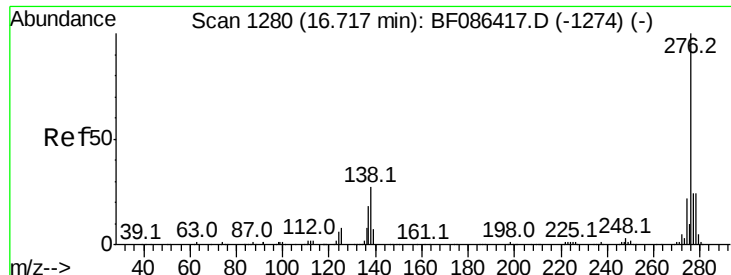
Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

Tgt Ion:	149	Resp:	711346
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.2	1.8#
43	15.3	8.2	12.4#

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





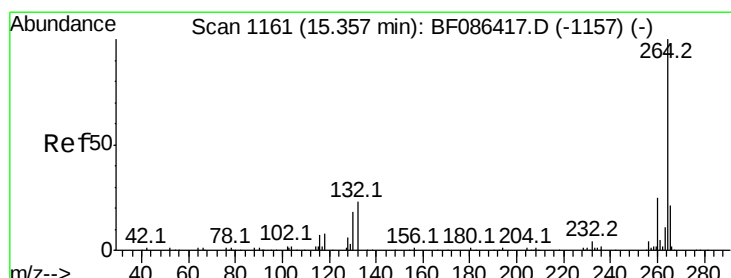
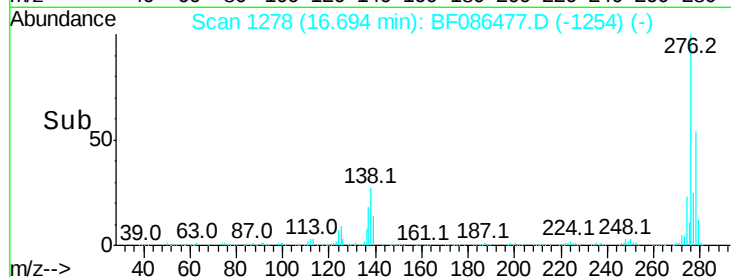
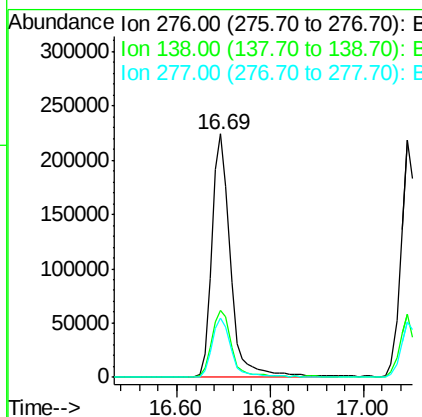
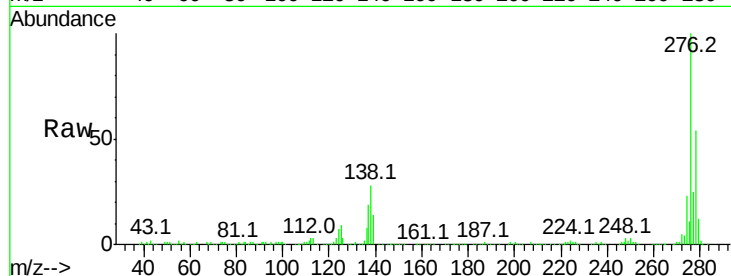
#85
Indeno(1,2,3-cd)pyrene
Concen: 49.08 ng
RT: 16.69 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF086477.D
Acq: 28 Apr 2016 21:54

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-14(6-12FTBGS)MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.4	25.6	38.4
277	25.5	20.5	30.7

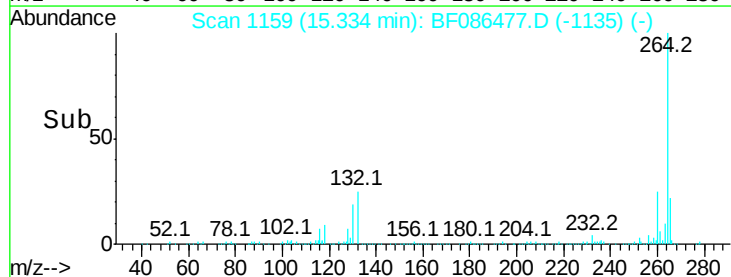
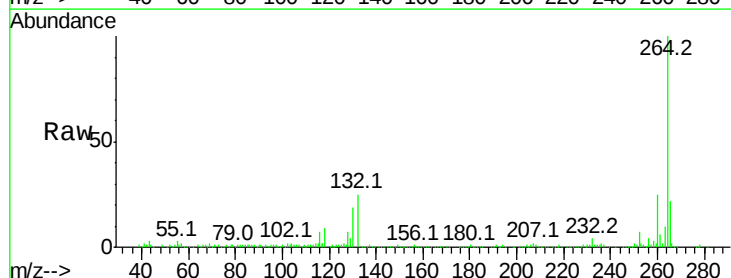
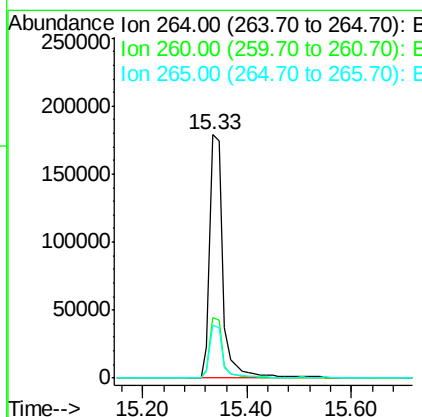
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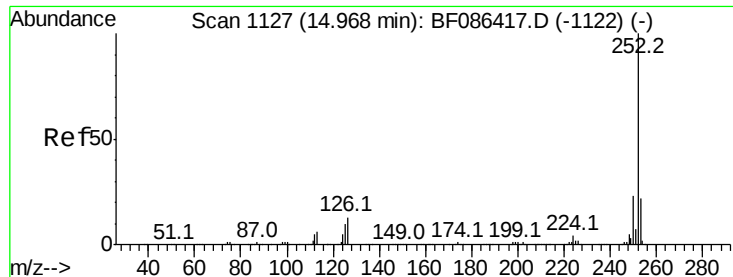
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1159
Delta R.T. -0.02 min
Lab File: BF086477.D
Acq: 28 Apr 2016 21:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.5	29.3
265	21.9	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 30.37 ng m

RT: 14.95 min Scan# 1125

Delta R.T. -0.02 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

Instrument :

BNA_F

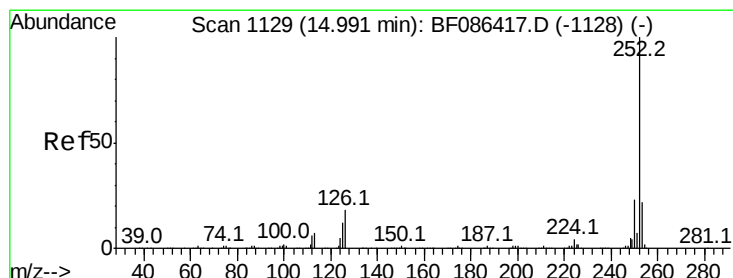
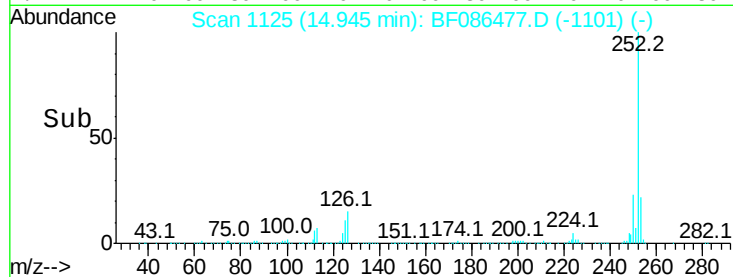
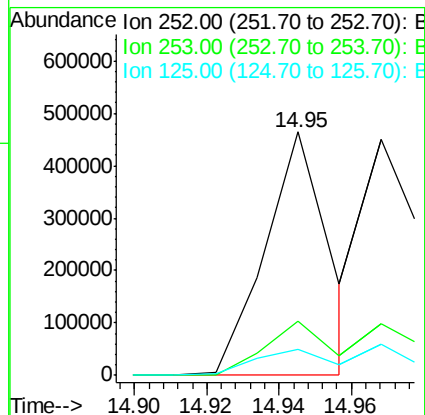
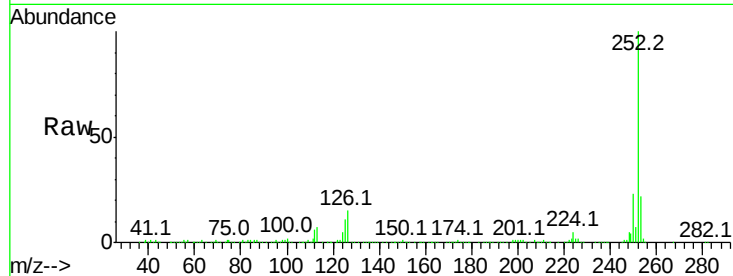
ClientSampleId :

26WARD-2A-CS-14(6-12FTBGS)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	10.9	11.4	17.0

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 29.95 ng m

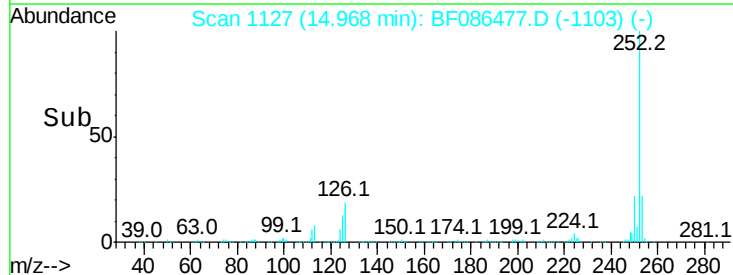
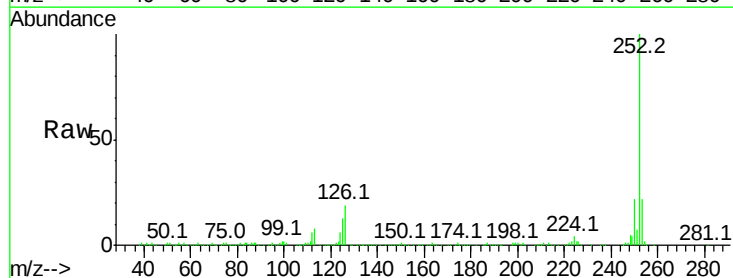
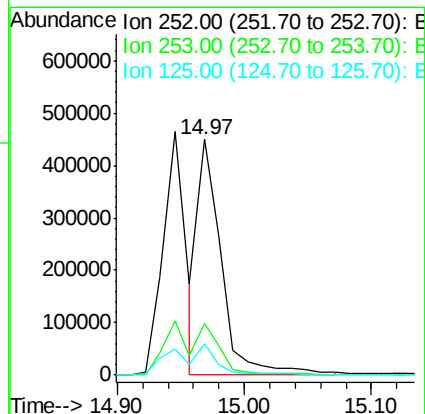
RT: 14.97 min Scan# 1127

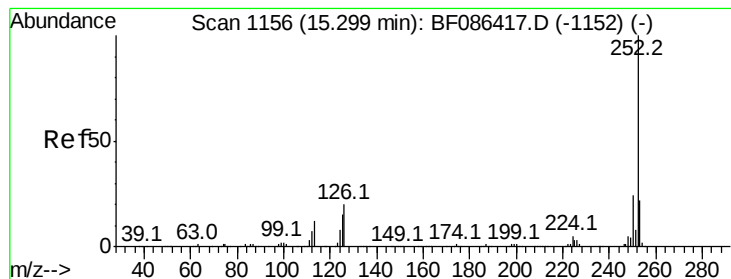
Delta R.T. -0.02 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	13.2	9.1	13.7





#89

Benzo(a)pyrene

Concen: 32.80 ng

RT: 15.29 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

Instrument :

BNA_F

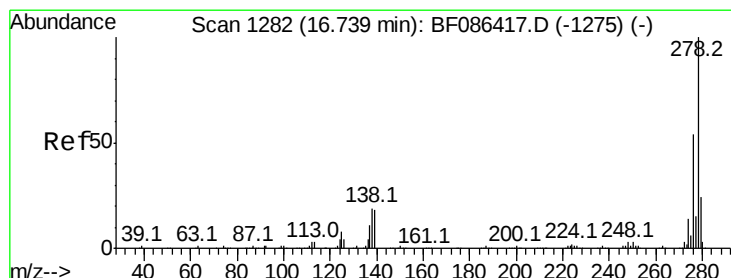
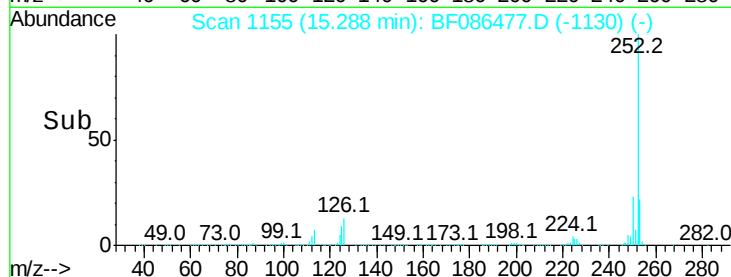
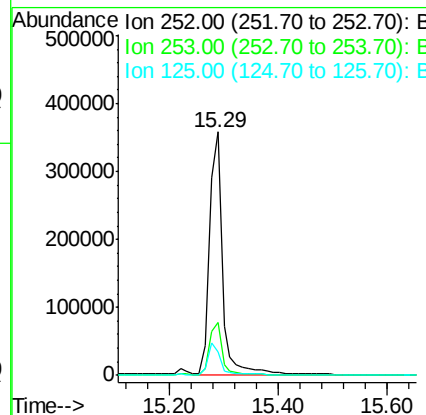
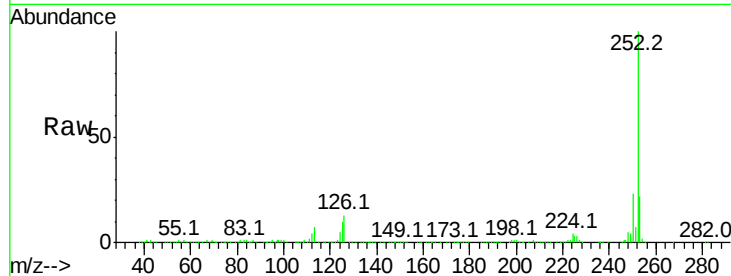
ClientSampleId :

26WARD-2A-CS-14(6-12FTBGS)MS

Tot Ion:	252	Resp:	581631
Ion Ratio		Lower	Upper
252	100		
253	21.8	17.2	25.8
125	9.6	9.0	13.6

Manual Integrations
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#90

Dibenzo(a,h)anthracene

Concen: 36.88 ng

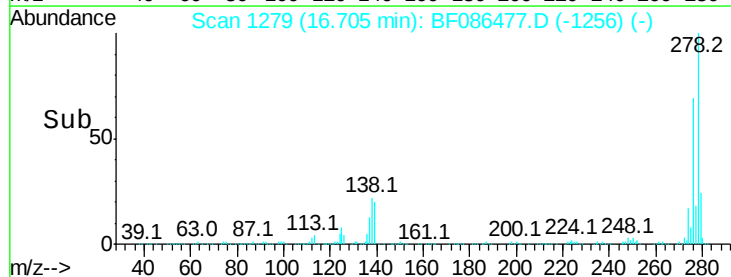
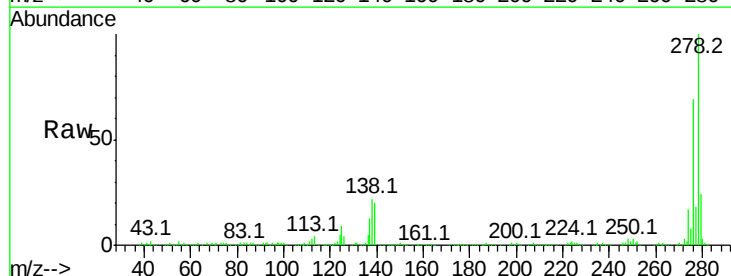
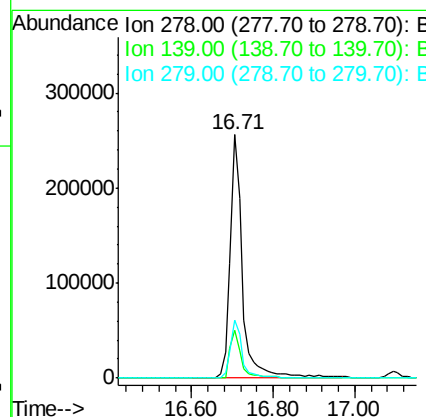
RT: 16.71 min Scan# 1279

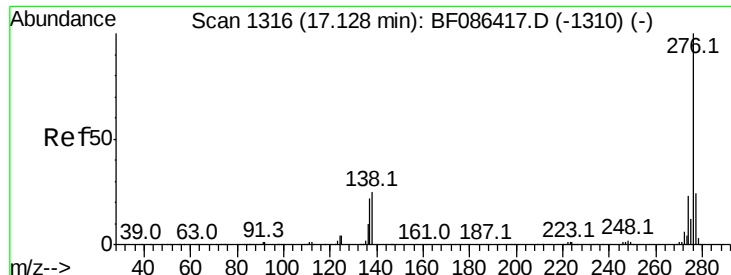
Delta R.T. -0.03 min

Lab File: BF086477.D

Acq: 28 Apr 2016 21:54

Tgt Ion:	278	Resp:	535208
Ion Ratio		Lower	Upper
278	100		
139	19.8	16.6	24.8
279	24.0	19.6	29.4





#91
 Benzo(a,h,i)perylene
 Concen: 34.37 ng
 RT: 17.09 min Scan# 1313
 Delta R.T. -0.03 min
 Lab File: BF086477.D
 Acq: 28 Apr 2016 21:54

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-14(6-12FTBGS)MS

Tot Ion:	276	Resp:	499837
Ion Ratio	Lower	Upper	
276	100		
277	23.3	19.6	29.4
138	26.8	23.6	35.4

Manual Integrations
 APPROVED

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