

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042816\
 Data File : BF086478.D
 Acq On : 28 Apr 2016 22:23
 Operator : UM/SJ
 Sample : H2654-07MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Apr 29 01:52:40 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	158446	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	645870	20.00	ng	-0.02
38) Acenaphthene-d10	9.84	164	284582	20.00	ng	-0.01
63) Phenanthrene-d10	11.31	188	487804	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	261963	20.00	ng	-0.02
86) Perylene-d12	15.35	264	303595	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	1418979	154.47	ng	0.00
7) Phenol-d6	6.44	99	1832990	142.97	ng	0.00
23) Nitrobenzene-d5	7.37	82	1297768	108.31	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	429940	143.26	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	1809164	121.09	ng	-0.01
78) Terphenyl-d14	12.90	244	1343441	112.98	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.41	88	195204	40.45	ng	# 76
3) Pyridine	3.10	79	559985	49.03	ng	# 75
4) n-Nitrosodimethylamine	3.06	42	362022	55.62	ng	# 60
6) Aniline	6.46	93	495115	31.91	ng	94
8) 2-Chlorophenol	6.58	128	552351	48.28	ng	93
9) Benzaldehyde	6.33	77	109011	14.62	ng	96
10) Phenol	6.45	94	781105	54.61	ng	74
11) bis(2-Chloroethyl)ether	6.53	93	527493	42.66	ng	89
12) 1,3-Dichlorobenzene	6.73	146	527742m	42.88	ng	
13) 1,4-Dichlorobenzene	6.81	146	574099	45.21	ng	95
14) 1,2-Dichlorobenzene	6.97	146	505253	43.39	ng	94
15) Benzyl Alcohol	6.94	79	479158	59.08	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.08	45	1182166	47.76	ng	90
17) 2-Methylphenol	7.06	107	469651	50.79	ng	# 93
18) Hexachloroethane	7.30	117	209906	44.24	ng	97
19) n-Nitroso-di-n-propylamine	7.22	70	410666	48.46	ng	# 73
20) 3+4-Methylphenols	7.22	107	541472	51.28	ng	# 70
22) Acetophenone	7.21	105	736264	51.99	ng	# 90
24) Nitrobenzene	7.38	77	572535	46.45	ng	97
25) Isophorone	7.62	82	1138425	49.37	ng	99
26) 2-Nitrophenol	7.70	139	313696	55.27	ng	97
27) 2,4-Dimethylphenol	7.74	122	565606	56.80	ng	94
28) bis(2-Chloroethoxy)methane	7.84	93	734837	58.49	ng	98
29) 2,4-Dichlorophenol	7.94	162	429870	51.16	ng	96
30) 1,2,4-Trichlorobenzene	8.02	180	461352	47.33	ng	96
31) Naphthalene	8.10	128	1503168	45.74	ng	99
32) Benzoic acid	7.80	122	29411m	12.77	ng	
33) 4-Chloroaniline	8.16	127	219930	17.87	ng	99
34) Hexachlorobutadiene	8.21	225	250348	45.82	ng	98
35) Caprolactam	8.53	113	149715m	53.42	ng	
36) 4-Chloro-3-methylphenol	8.65	107	495181	51.48	ng	99
37) 2-Methylnaphthalene	8.80	142	1008224	51.99	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	377487	46.34	ng	97
40) Hexachlorocyclopentadiene	8.94	237	259915	64.21	ng	95

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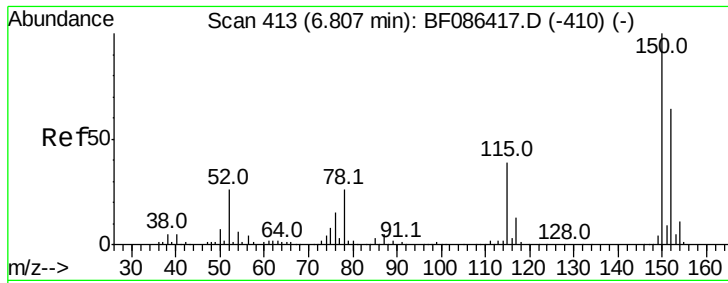
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	271091	52.65	nq	96
43) 2,4,5-Trichlorophenol	9.12	196	281188	50.10	nq	# 85
45) 1,1'-Biphenyl	9.25	154	1148977	48.30	nq	96
46) 2-Chloronaphthalene	9.29	162	888582	49.13	nq	95
47) 2-Nitroaniline	9.38	65	346698	59.78	nq	# 82
48) Acenaphthylene	9.70	152	1387692	49.09	nq	100
49) Dimethylphthalate	9.56	163	1210236	56.49	nq	99
50) 2,6-Dinitrotoluene	9.63	165	236864	53.52	nq	# 62
51) Acenaphthene	9.87	154	914180	50.34	nq	98
52) 3-Nitroaniline	9.79	138	192061	38.16	nq	92
53) 2,4-Dinitrophenol	9.89	184	67471	32.98	nq	# 83
54) Dibenzofuran	10.04	168	1206669	53.17	nq	98
55) 4-Nitrophenol	9.96	139	314021	95.28	nq	# 70
56) 2,4-Dinitrotoluene	10.03	165	307256	54.46	nq	88
57) Fluorene	10.38	166	878608	44.59	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	228436	52.06	nq	99
59) Diethylphthalate	10.26	149	963820	47.52	nq	99
60) 4-Chlorophenyl-phenylether	10.37	204	400151	44.73	nq	93
61) 4-Nitroaniline	10.41	138	236139	47.99	nq	83
62) Azobenzene	10.53	77	1218301	54.84	nq	90
64) 4,6-Dinitro-2-methylphenol	10.43	198	97033	33.88	nq	# 49
65) n-Nitrosodiphenylamine	10.50	169	848168	55.63	nq	99
66) 4-Bromophenyl-phenylether	10.86	248	262749	52.27	nq	# 83
67) Hexachlorobenzene	10.92	284	269180	46.27	nq	# 70
68) Atrazine	11.02	200	244465	53.40	nq	95
69) Pentachlorophenol	11.12	266	259261	84.52	nq	97
70) Phenanthrene	11.33	178	1193087	46.61	nq	99
71) Anthracene	11.39	178	1328782	48.64	nq	100
72) Carbazole	11.54	167	1127693	46.57	nq	98
73) Di-n-butylphthalate	11.88	149	1523949	55.56	nq	99
74) Fluoranthene	12.52	202	1199598	46.42	nq	94
76) Benzidine	12.65	184	320599	35.61	nq	96
77) Pyrene	12.75	202	1145692	60.69	nq	99
79) Butylbenzylphthalate	13.37	149	469870	57.48	nq	# 70
80) Benzo(a)anthracene	13.93	228	744270	53.29	nq	99
81) 3,3'-Dichlorobenzidine	13.89	252	197546	21.16	nq	99
82) Chrysene	13.97	228	815618	53.73	nq	99
83) Bis(2-ethylhexyl)phthalate	13.93	149	573412	56.51	nq	# 95
84) Di-n-octyl phthalate	14.55	149	1059541	66.67	nq	# 89
85) Indeno(1,2,3-cd)pyrene	16.69	276	899167	79.93	nq	97
87) Benzo(b)fluoranthene	14.95	252	777646m	43.54	nq	
88) Benzo(k)fluoranthene	14.98	252	934526m	50.16	nq	
89) Benzo(a)pyrene	15.29	252	850209	50.42	nq	99
90) Dibenzo(a,h)anthracene	16.72	278	747678	54.18	nq	97
91) Benzo(g,h,i)perylene	17.11	276	721057	52.14	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: BF086478.D

Acq: 28 Apr 2016 22:23

Instrument :

BNA_F

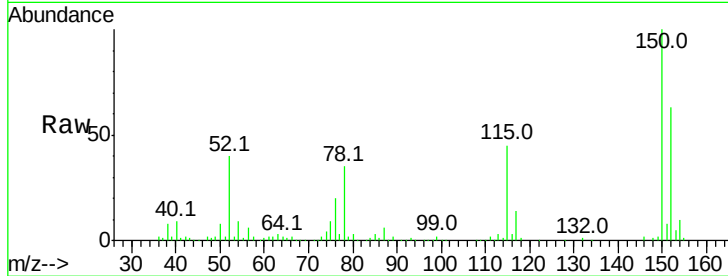
ClientSampleId :

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

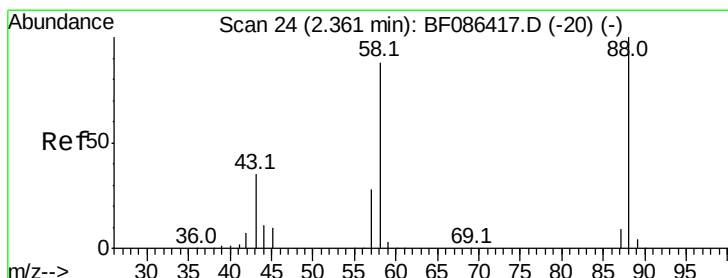
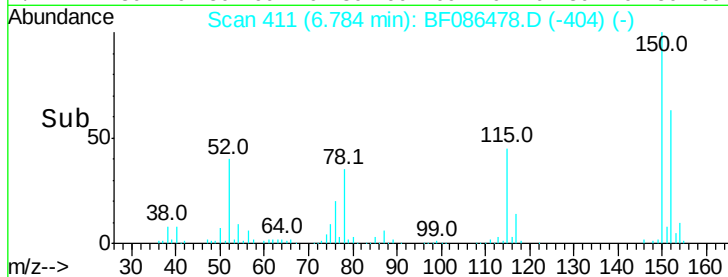
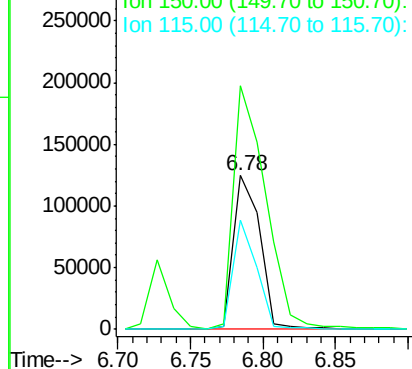
Tot Ion:	152	Resp:	158446
Ion Ratio	Lower	Upper	
152	100		
150	158.5	125.8	188.6
115	71.1	51.5	77.3

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



#2

1,4-Dioxane

Concen: 40.45 ng

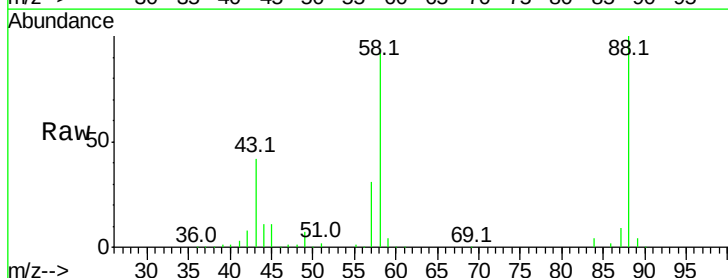
RT: 2.41 min Scan# 28

Delta R.T. 0.05 min

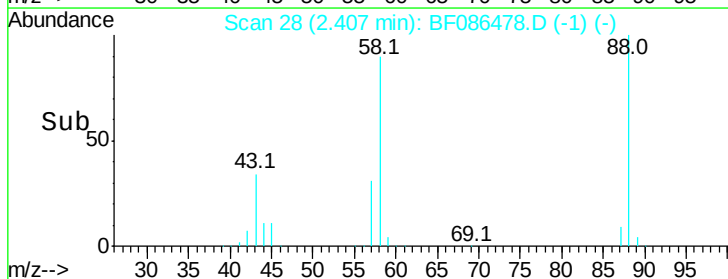
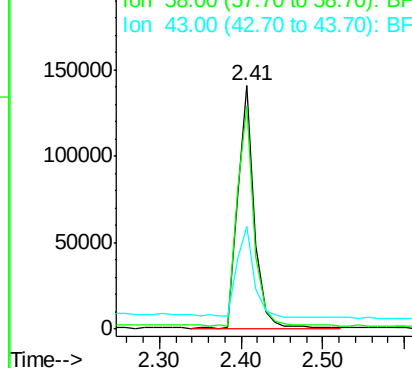
Lab File: BF086478.D

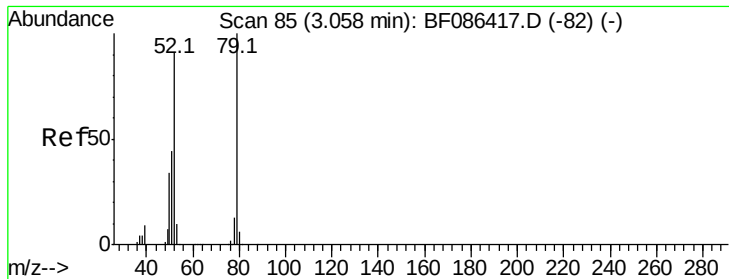
Acq: 28 Apr 2016 22:23

Tgt Ion:	88	Resp:	195204
Ion Ratio	Lower	Upper	
88	100		
58	92.6	59.6	89.4#
43	43.3	21.8	32.6#



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





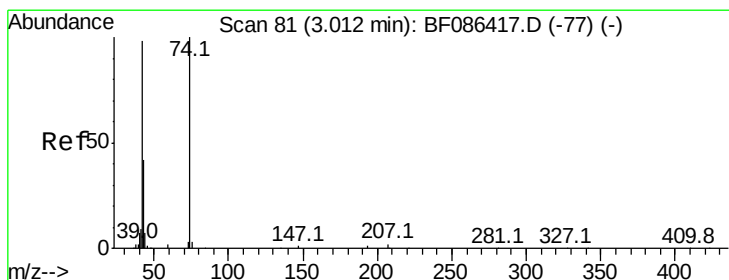
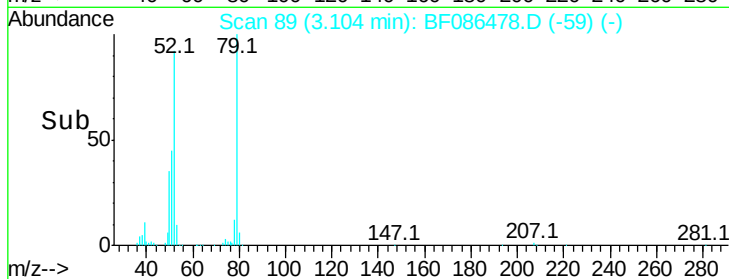
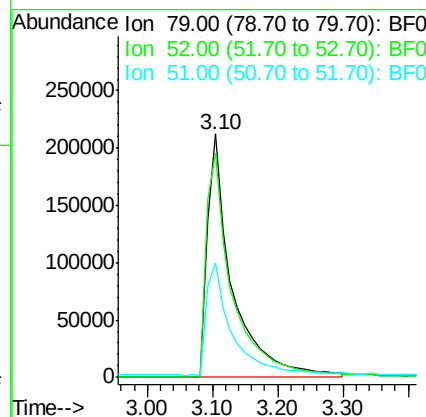
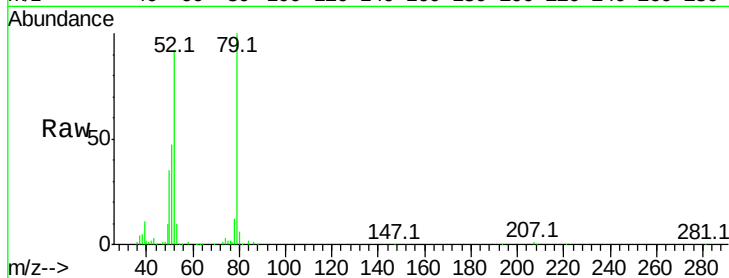
#3
 Pvridine
 Concen: 49.03 ng
 RT: 3.10 min Scan# 89
 Delta R.T. 0.05 min
 Lab File: BF086478.D
 Acq: 28 Apr 2016 22:23

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

Tot Ion	Ratio	Lower	Upper
79	100		
52	92.0	55.9	83.9#
51	46.7	28.1	42.1#

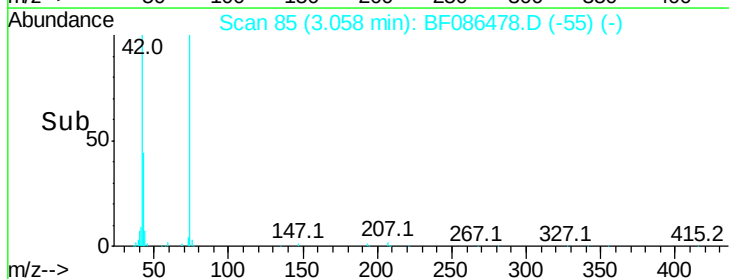
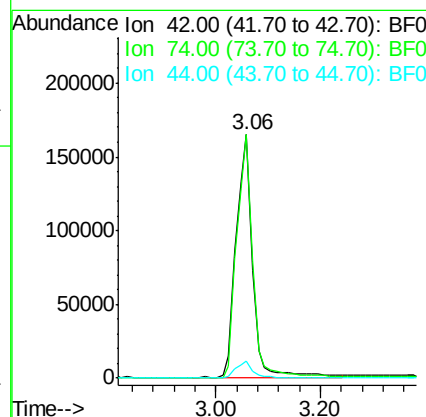
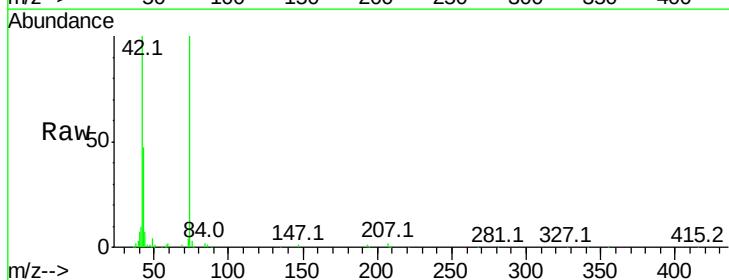
Manual Integrations
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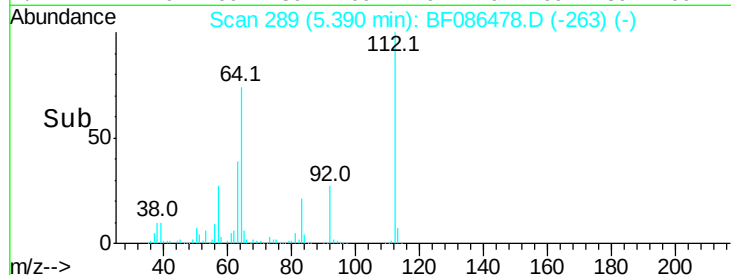
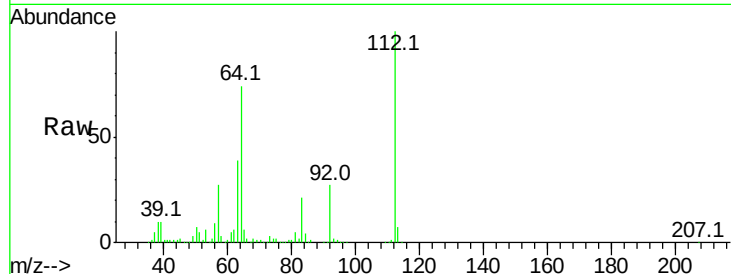
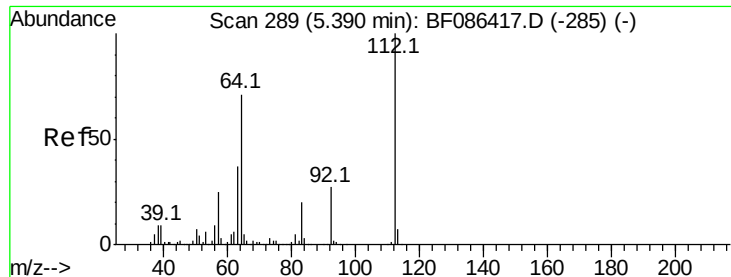
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#4
 n-Nitrosodimethylamine
 Concen: 55.62 ng
 RT: 3.06 min Scan# 85
 Delta R.T. 0.05 min
 Lab File: BF086478.D
 Acq: 28 Apr 2016 22:23

Tgt Ion	Ratio	Lower	Upper
42	100		
74	99.9	123.4	185.0#
44	7.1	5.8	8.6





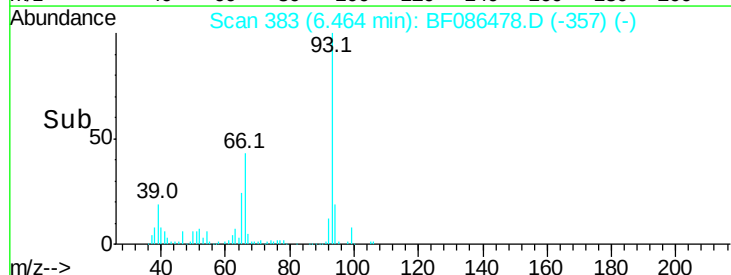
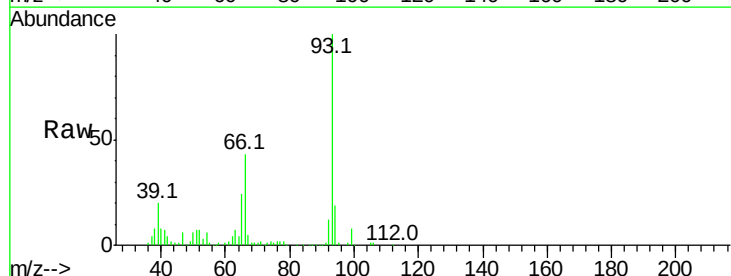
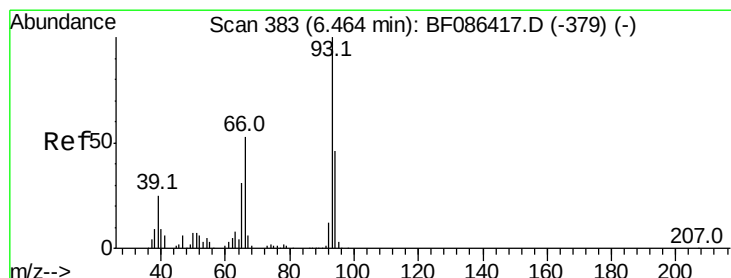
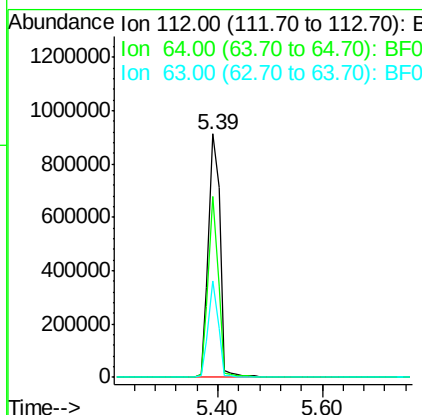
#5
2-Fluorophenol
Concen: 154.47 ng
RT: 5.39 min Scan# 289
Delta R.T. 0.00 min
Lab File: BF086478.D
Acq: 28 Apr 2016 22:23

Tot Ion	Ratio	Lower	Upper
112	100		
64	74.4	52.1	78.1
63	39.4	25.7	38.5

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

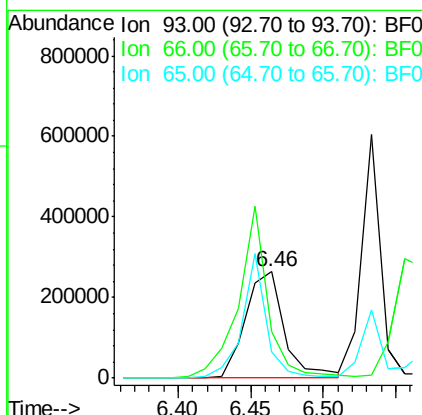
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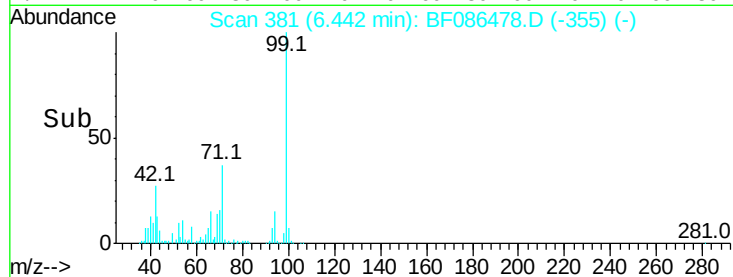
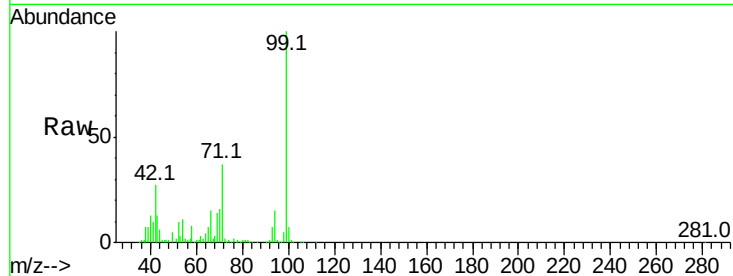
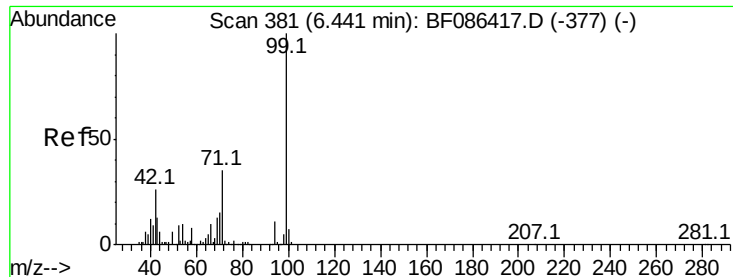
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#6
Aniline
Concen: 31.91 ng
RT: 6.46 min Scan# 383
Delta R.T. 0.00 min
Lab File: BF086478.D
Acq: 28 Apr 2016 22:23

Tgt Ion	Ratio	Lower	Upper
93	100		
66	43.5	39.0	58.6
65	23.9	20.6	31.0





#7

Phenol-d6

Concen: 142.97 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF086478.D

Acq: 28 Apr 2016 22:23

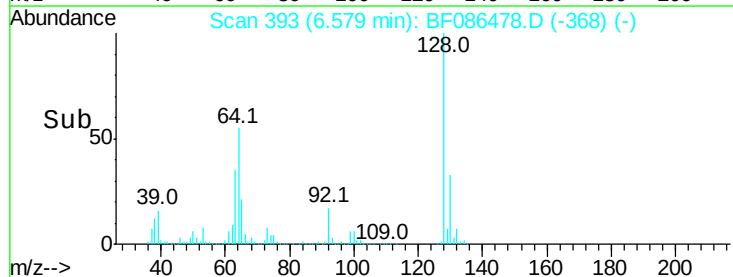
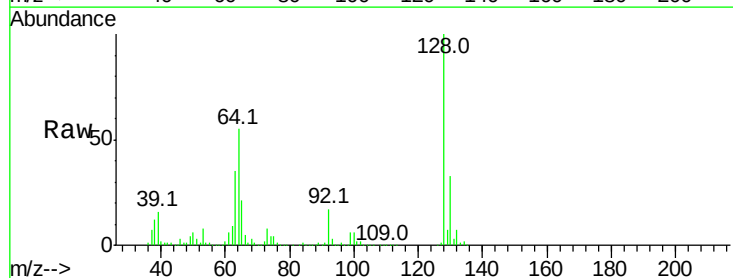
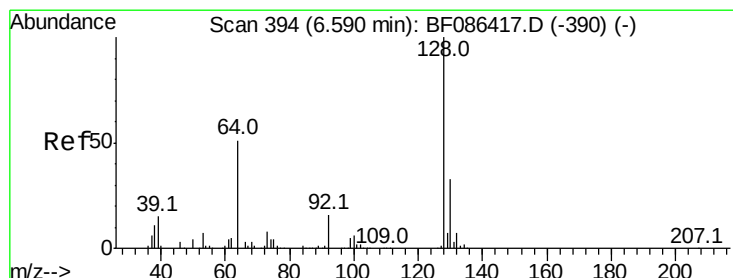
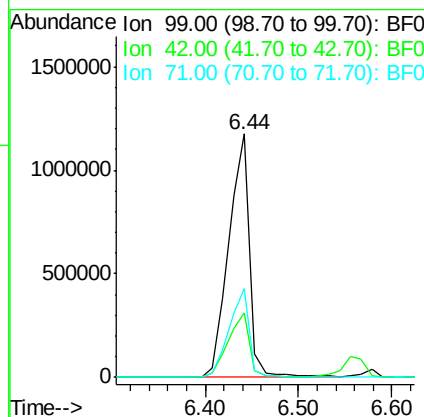
Tot Ion: 99 Resp: 1832990

Ion	Ratio	Lower	Upper
99	100		
42	26.7	13.6	20.4#
71	36.6	24.6	36.8

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ClientSampleId :
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#8

2-Chlorophenol

Concen: 48.28 ng

RT: 6.58 min Scan# 393

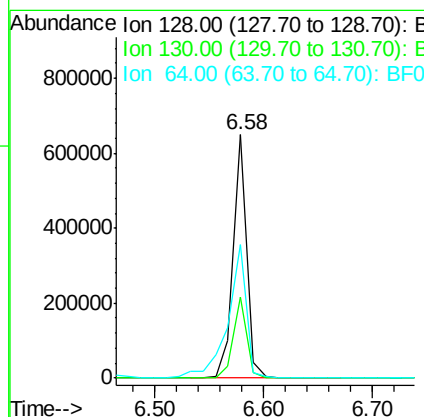
Delta R.T. -0.01 min

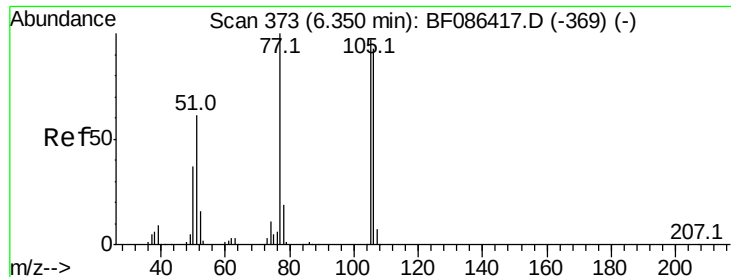
Lab File: BF086478.D

Acq: 28 Apr 2016 22:23

Tgt Ion:128 Resp: 552351

Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.5	52.5
64	54.9	27.3	67.3





#9

Benzaldehyde

Concen: 14.62 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.02 min

Lab File: BF086478.D

Acq: 28 Apr 2016 22:23

Instrument :

BNA_F

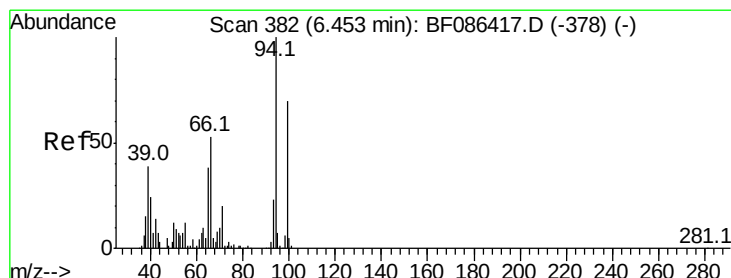
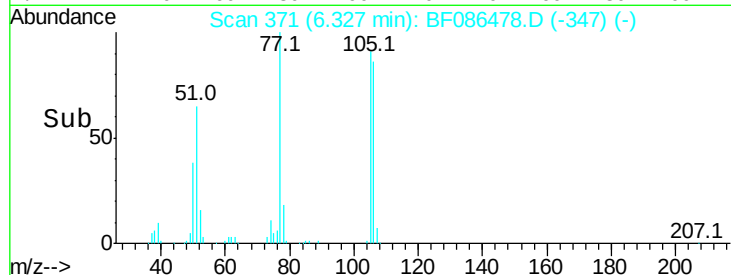
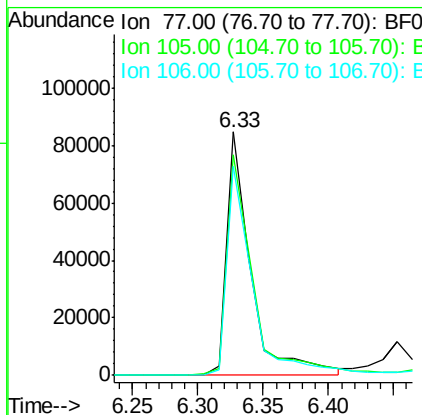
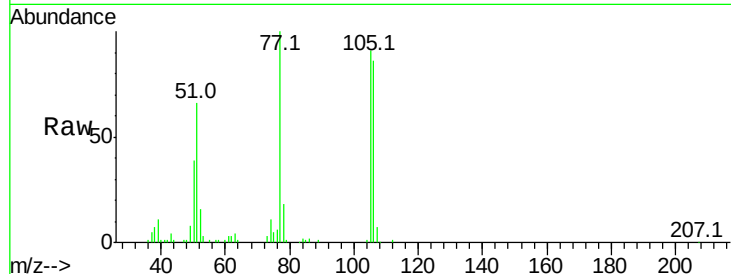
ClientSampleId :

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

Tot Ion:	77	Resp:	109011
Ion Ratio	Lower	Upper	
77	100		
105	90.7	72.7	112.7
106	85.8	70.8	110.8

Manual Integrations
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#10

Phenol

Concen: 54.61 ng

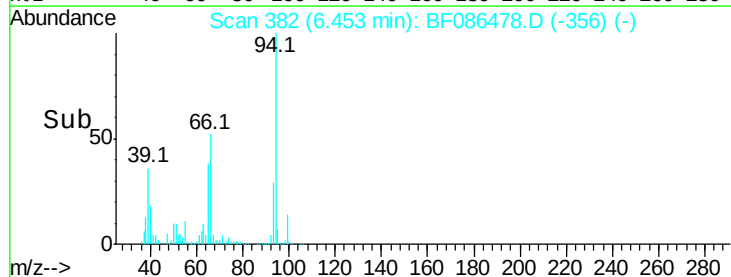
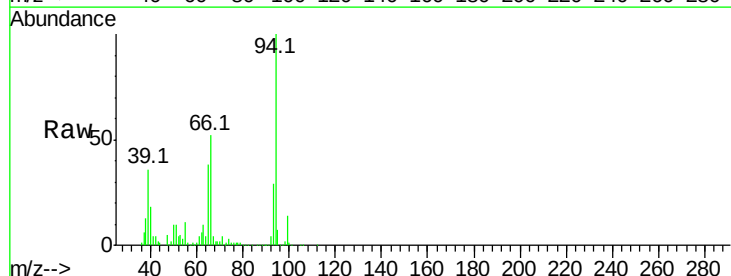
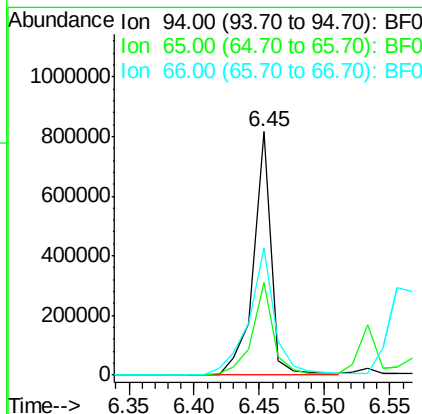
RT: 6.45 min Scan# 382

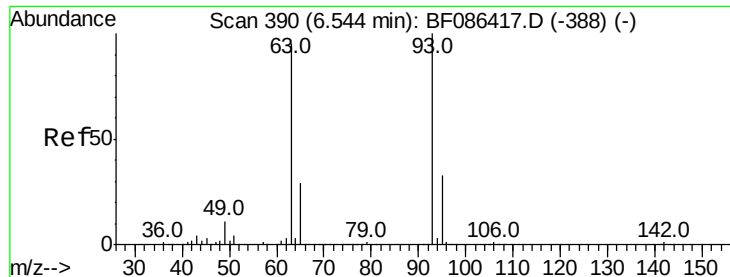
Delta R.T. 0.00 min

Lab File: BF086478.D

Acq: 28 Apr 2016 22:23

Tgt Ion:	94	Resp:	781105
Ion Ratio	Lower	Upper	
94	100		
65	37.9	7.2	47.2
66	52.4	14.9	54.9





#11

bis(2-Chloroethyl)ether

Concen: 42.66 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF086478.D

Acq: 28 Apr 2016 22:23

Instrument :

BNA_F

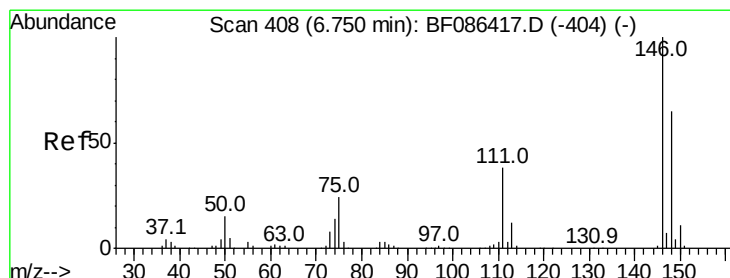
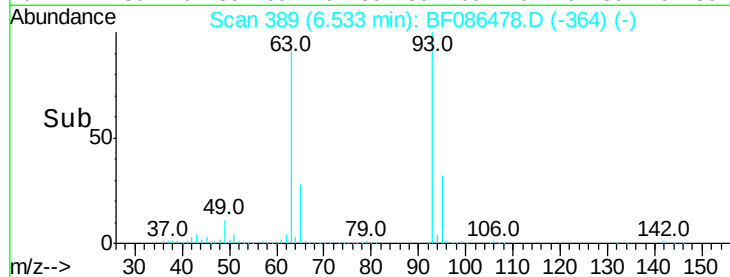
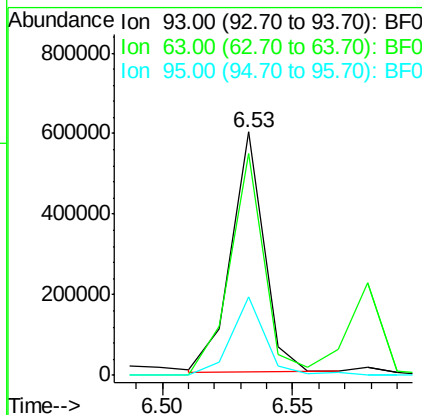
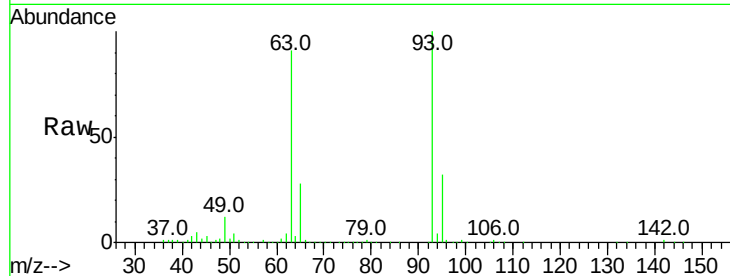
ClientSampleId :

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

Tot Ion	93	Resp	527493
Ion Ratio	Lower	Upper	
93	100		
63	91.3	58.0	98.0
95	32.3	11.9	51.9

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 42.88 ng m

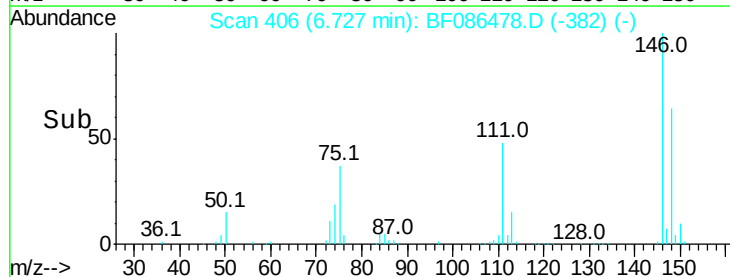
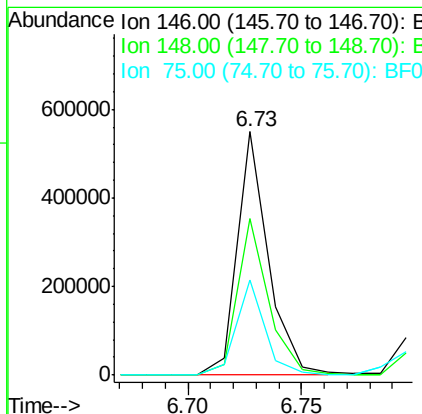
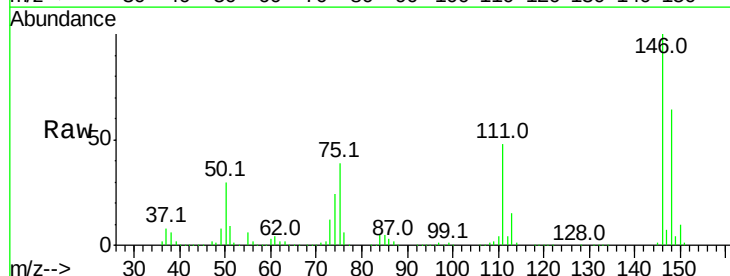
RT: 6.73 min Scan# 406

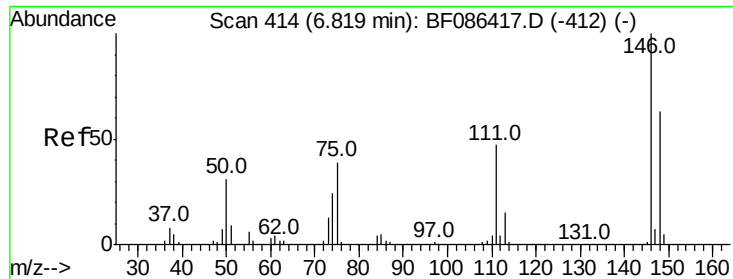
Delta R.T. -0.02 min

Lab File: BF086478.D

Acq: 28 Apr 2016 22:23

Tgt Ion	146	Resp	527742
Ion Ratio	Lower	Upper	
146	100		
148	64.3	52.4	78.6
75	38.8	22.8	34.2#





#13

1,4-Dichlorobenzene

Concen: 45.21 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF086478.D

Acq: 28 Apr 2016 22:23

Instrument :

BNA_F

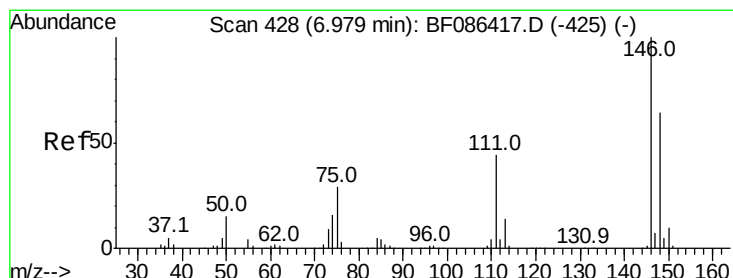
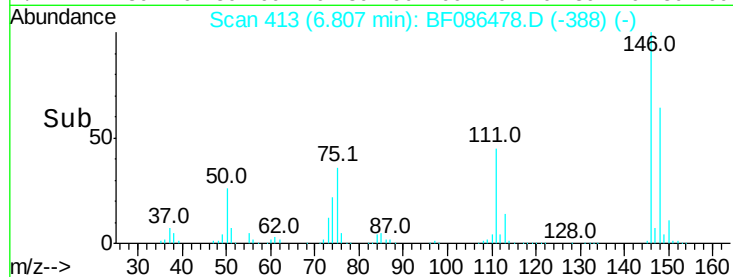
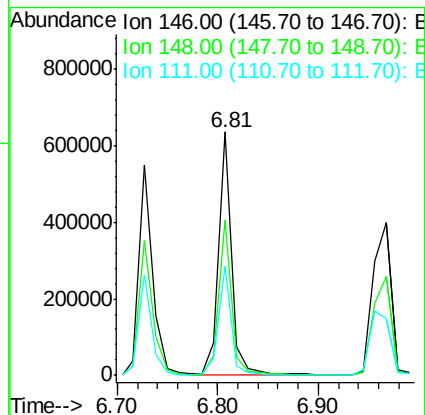
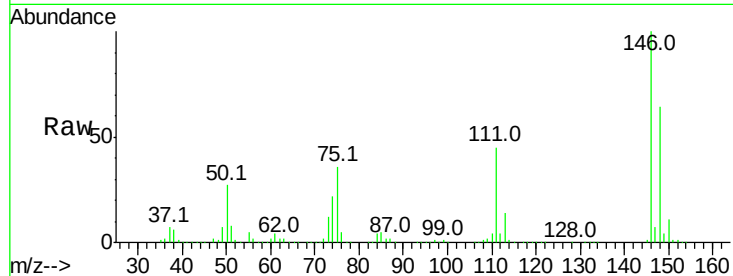
ClientSampleId :

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

Tot Ion:	146	Resp:	574099
Ion Ratio	Lower	Upper	
146	100		
148	64.0	52.2	78.4
111	45.1	30.7	46.1

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 43.39 ng

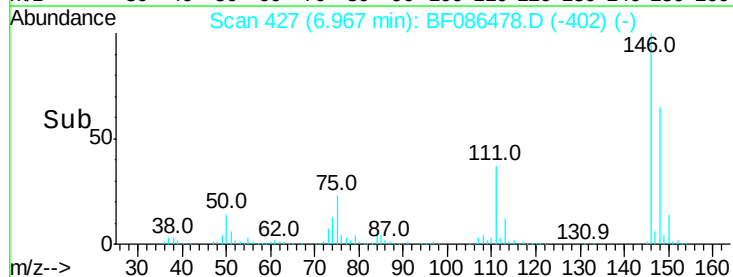
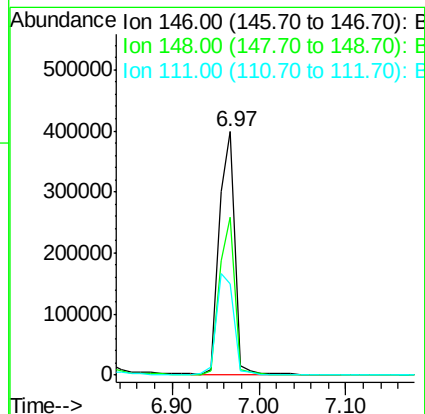
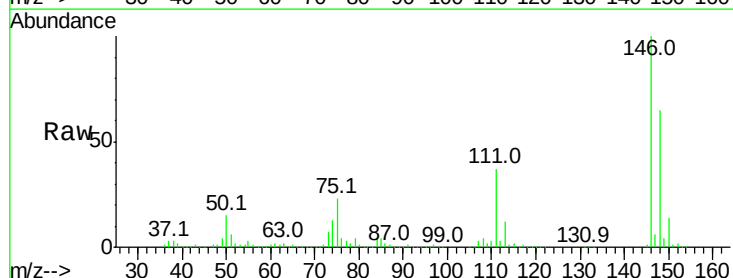
RT: 6.97 min Scan# 427

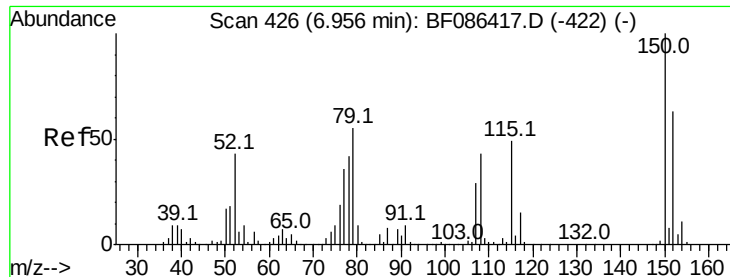
Delta R.T. -0.01 min

Lab File: BF086478.D

Acq: 28 Apr 2016 22:23

Tgt Ion:	146	Resp:	505253
Ion Ratio	Lower	Upper	
146	100		
148	64.6	51.0	76.6
111	37.4	36.2	54.4





#15

Benzyl Alcohol

Concen: 59.08 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.01 min

Lab File: BF086478.D

Acq: 28 Apr 2016 22:23

Instrument :

BNA_F

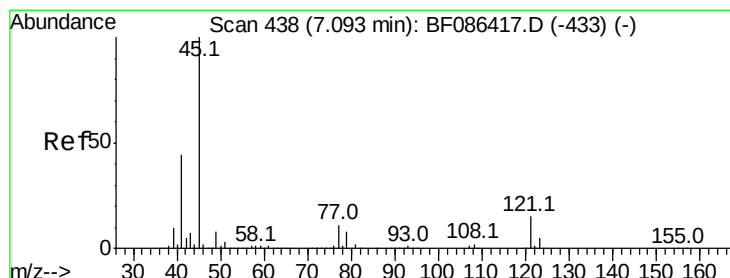
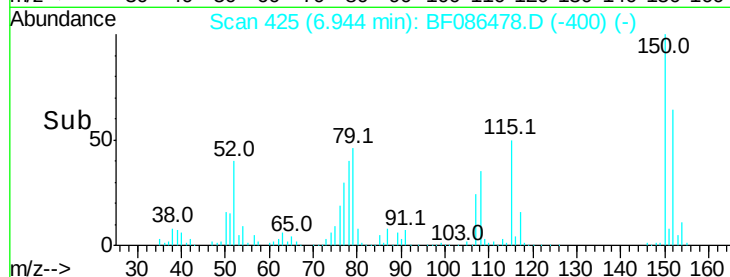
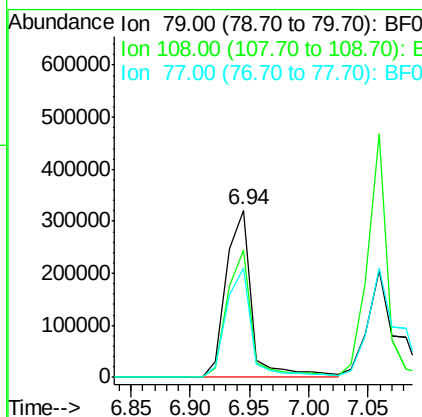
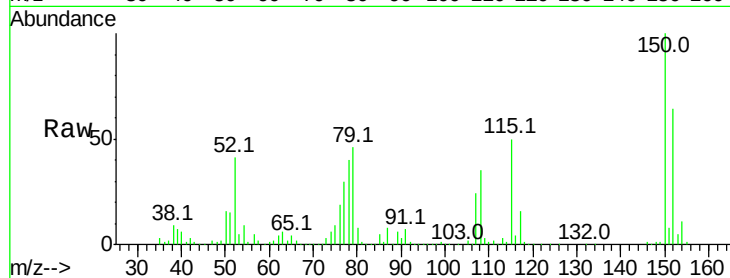
ClientSampleId :

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

Tot Ion:	79	Resp:	479158
Ion Ratio	Lower	Upper	
79	100		
108	76.4	68.4	102.6
77	65.4	50.6	76.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.76 ng

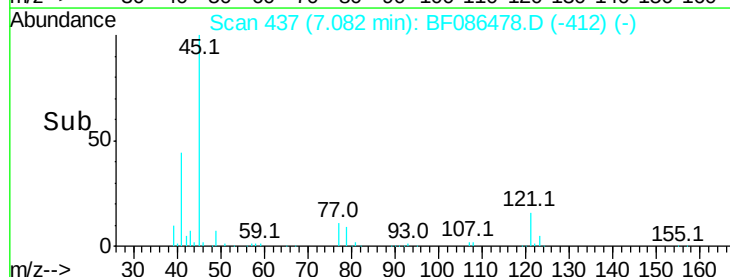
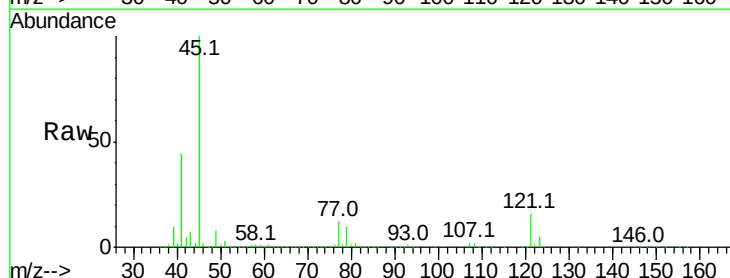
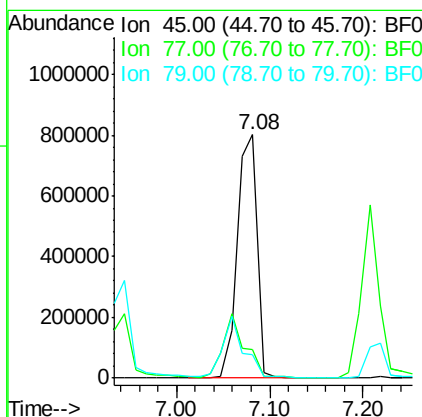
RT: 7.08 min Scan# 437

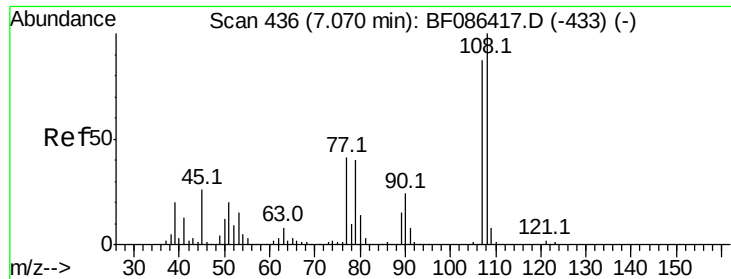
Delta R.T. -0.01 min

Lab File: BF086478.D

Acq: 28 Apr 2016 22:23

Tgt Ion:	45	Resp:	1182166
Ion Ratio	Lower	Upper	
45	100		
77	11.8	0.0	36.4
79	9.6	0.0	33.4





#17

2-Methylphenol

Concen: 50.79 ng

RT: 7.06 min Scan# 435

Delta R.T. -0.01 min

Lab File: BF086478.D

Acq: 28 Apr 2016 22:23

Instrument :

BNA_F

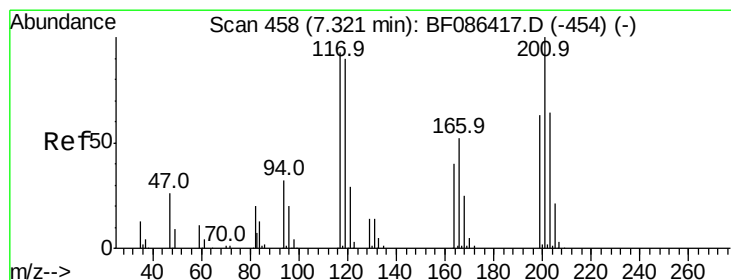
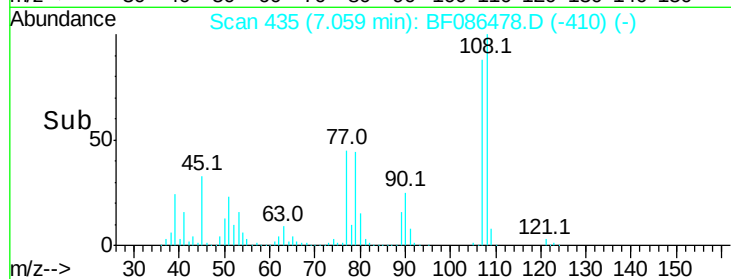
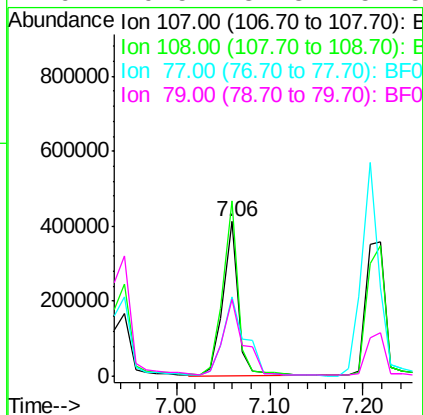
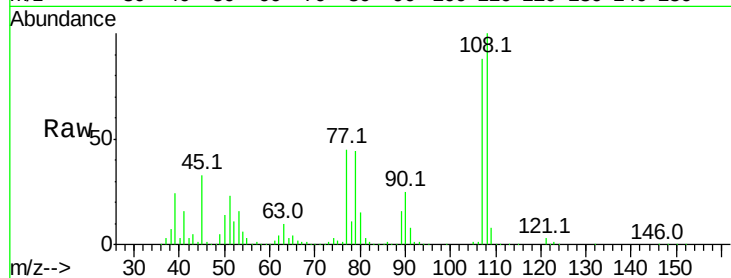
ClientSampleId :

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

Tot Ion	Ratio	Resp	Lower	Upper
107	100	469651		
108	113.5	93.7	140.5	
77	51.0	33.4	50.0	
79	49.5	34.3	51.5	

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#18

Hexachloroethane

Concen: 44.24 ng

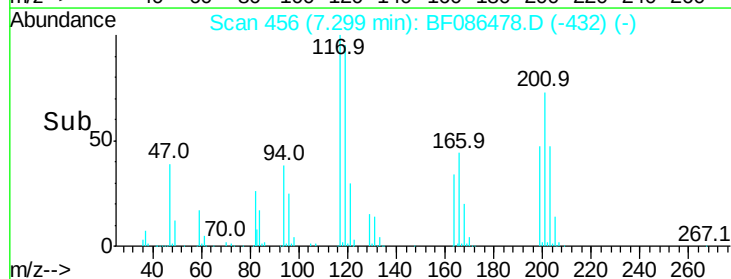
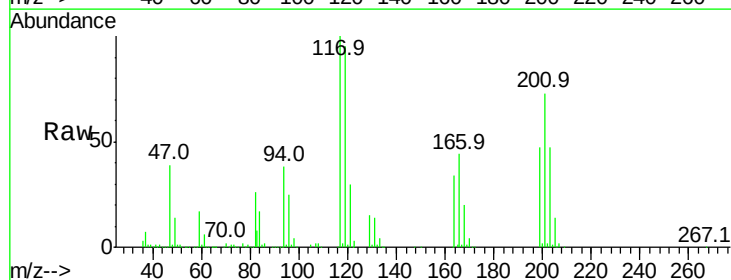
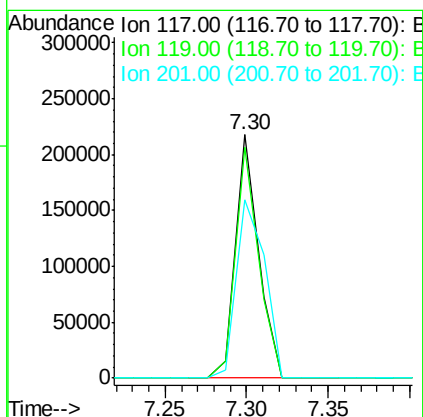
RT: 7.30 min Scan# 456

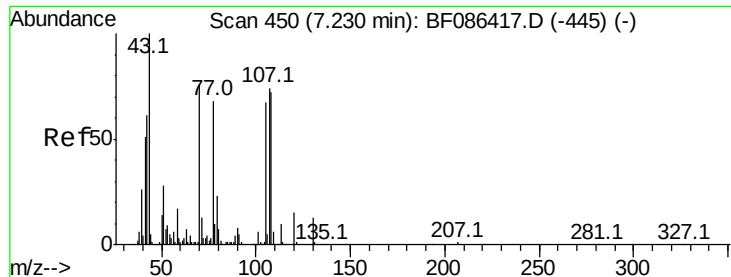
Delta R.T. -0.02 min

Lab File: BF086478.D

Acq: 28 Apr 2016 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	209906		
119	94.9	76.5	114.7	
201	73.3	63.0	94.6	





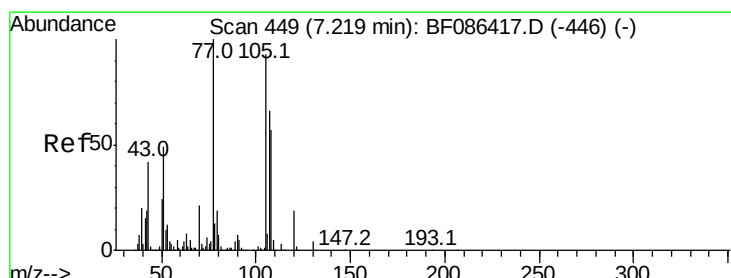
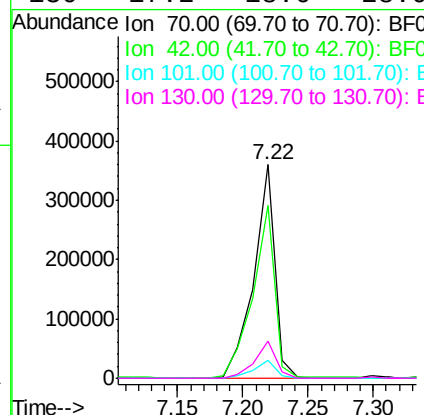
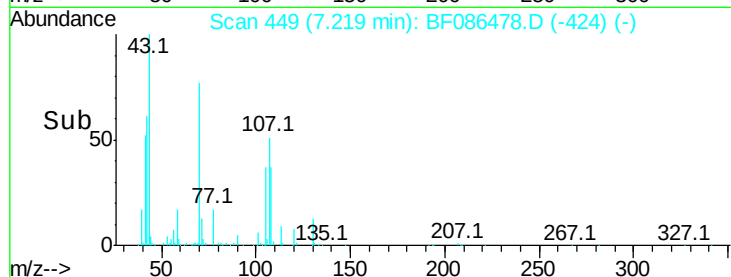
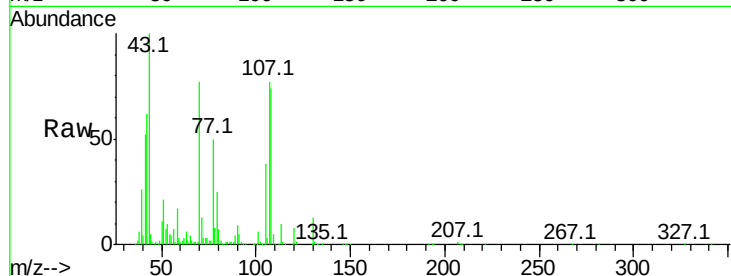
#19
n-Nitroso-di-n-propylamine
Concen: 48.46 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF086478.D
Acq: 28 Apr 2016 22:23

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

Tot Ion	Ratio	Lower	Upper
70	100		
42	81.2	43.1	64.7#
101	8.4	8.1	12.1
130	17.2	18.6	28.0#

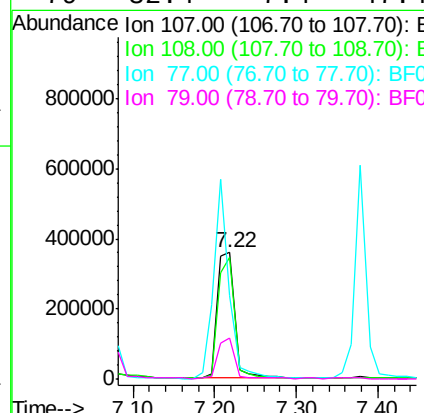
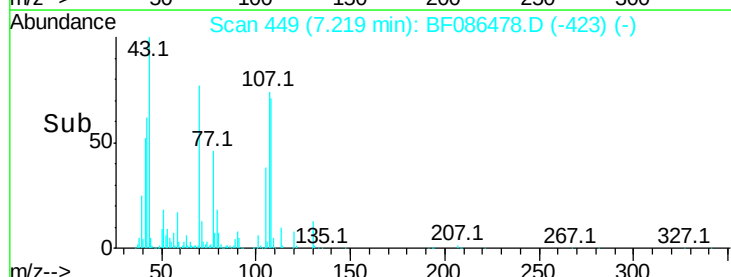
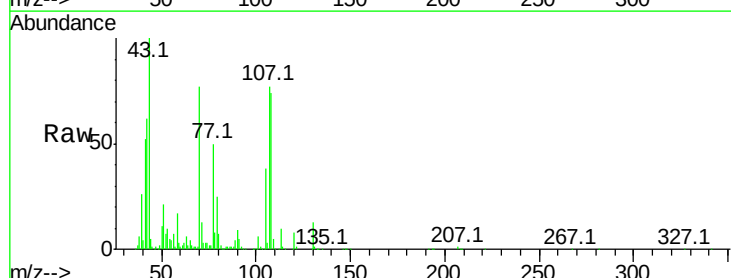
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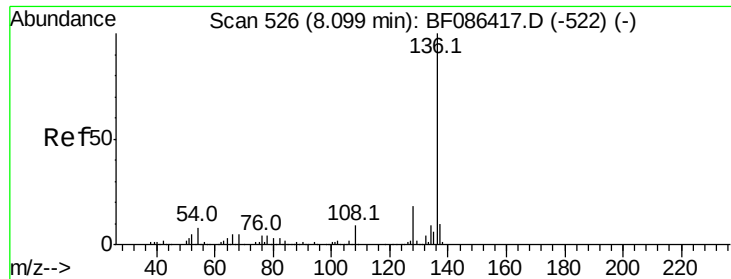
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#20
3+4-Methylphenols
Concen: 51.28 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF086478.D
Acq: 28 Apr 2016 22:23

Tgt Ion	Ratio	Lower	Upper
107	100		
108	96.9	68.5	108.5
77	65.6	101.6	141.6#
79	32.4	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: BF086478.D

Acq: 28 Apr 2016 22:23

Instrument :

BNA_F

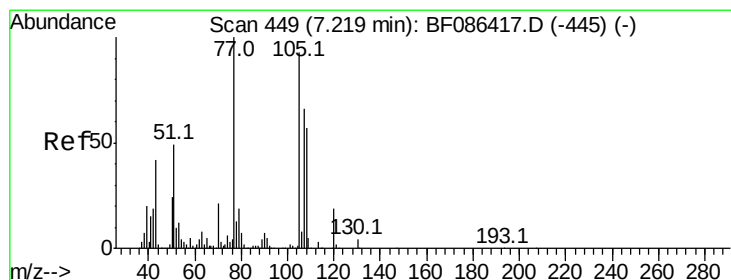
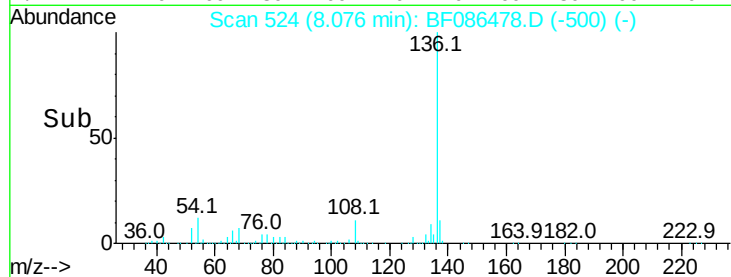
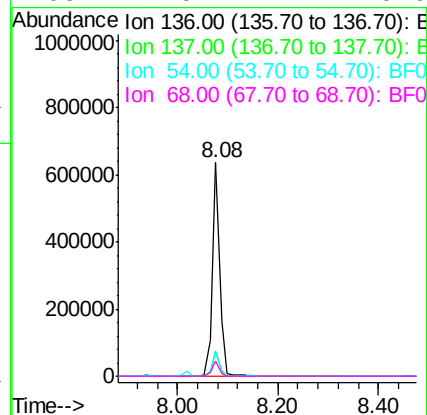
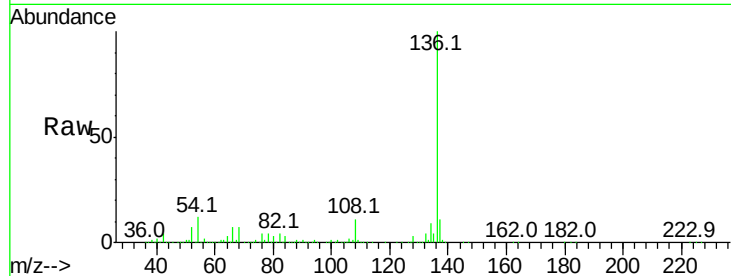
ClientSampleId :

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

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	8.8	13.2	
54	12.3	5.0	7.4	
68	7.5	4.4	6.6	

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#22

Acetophenone

Concen: 51.99 ng

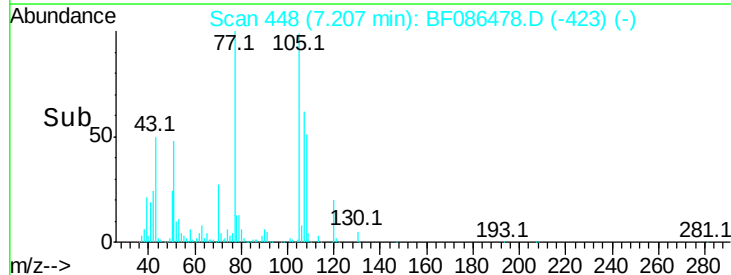
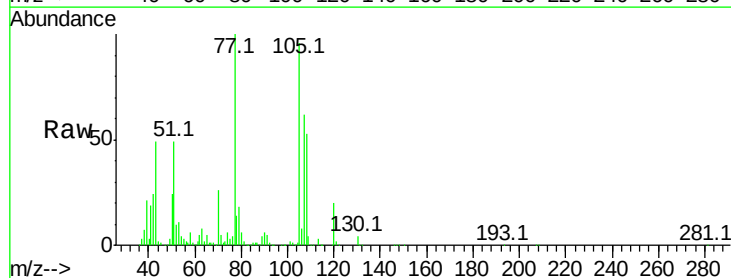
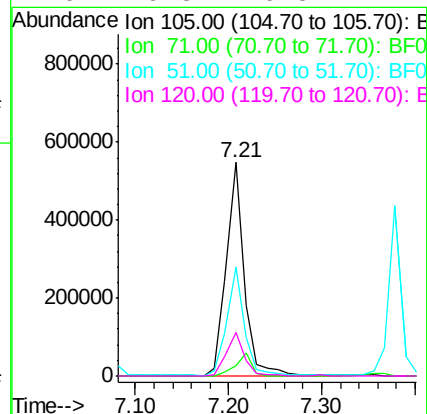
RT: 7.21 min Scan# 448

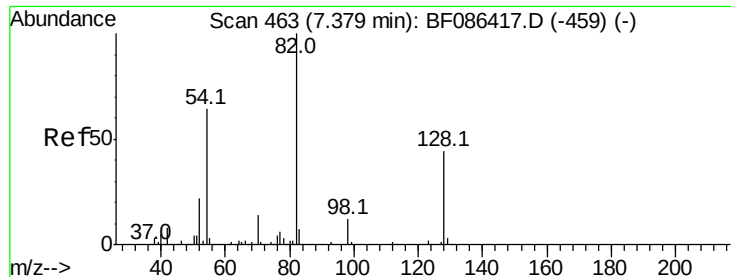
Delta R.T. -0.01 min

Lab File: BF086478.D

Acq: 28 Apr 2016 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.7	4.8	7.2	
51	51.0	32.6	49.0	
120	20.3	16.5	24.7	





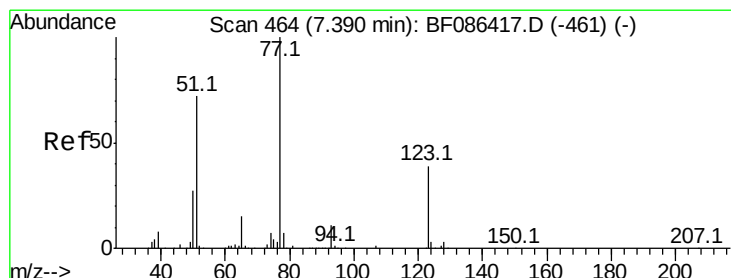
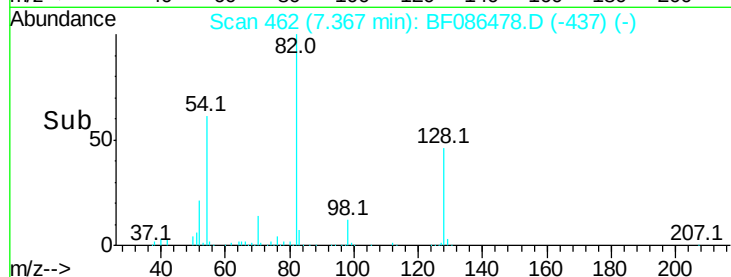
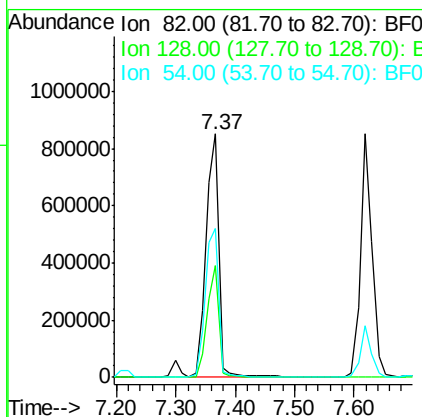
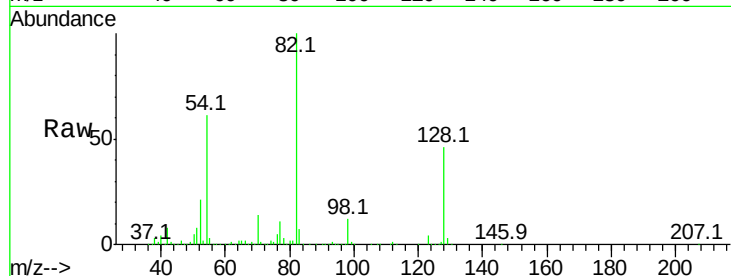
#23
 Nitrobenzene-d5
 Concen: 108.31 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.01 min
 Lab File: BF086478.D
 Acq: 28 Apr 2016 22:23

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

Tot Ion: 82 Resp: 1297768
 Ion Ratio Lower Upper
 82 100
 128 46.0 40.6 61.0
 54 61.3 38.1 57.1#

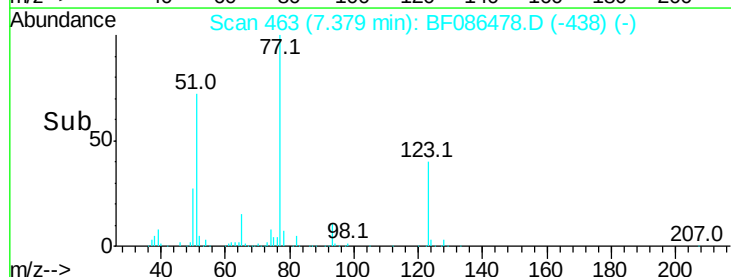
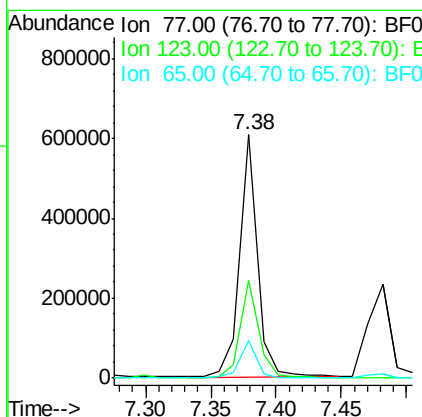
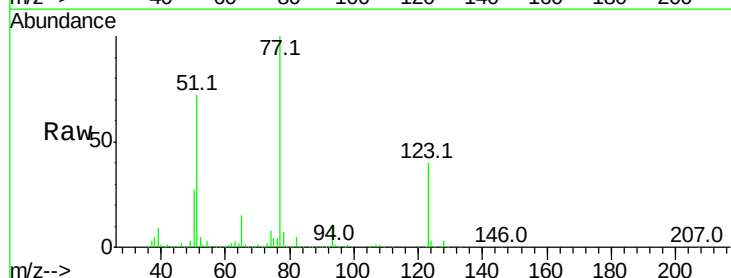
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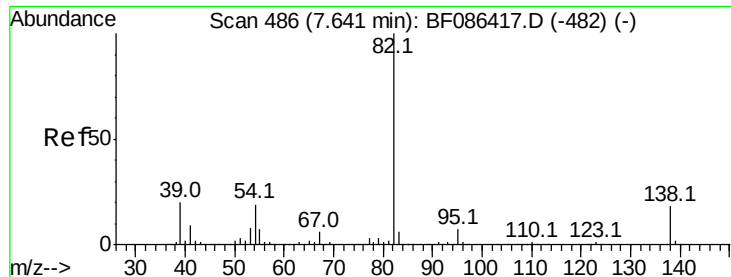
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#24
 Nitrobenzene
 Concen: 46.45 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.01 min
 Lab File: BF086478.D
 Acq: 28 Apr 2016 22:23

Tgt Ion: 77 Resp: 572535
 Ion Ratio Lower Upper
 77 100
 123 39.9 33.0 49.4
 65 15.2 10.8 16.2





#25

Isophorone

Concen: 49.37 ng

RT: 7.62 min Scan# 484

Delta R.T. -0.02 min

Lab File: BF086478.D

Acq: 28 Apr 2016 22:23

Instrument :

BNA_F

ClientSampleId :

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

Tot Ion: 82 Resp: 1138425

Ion Ratio Lower Upper

82 100

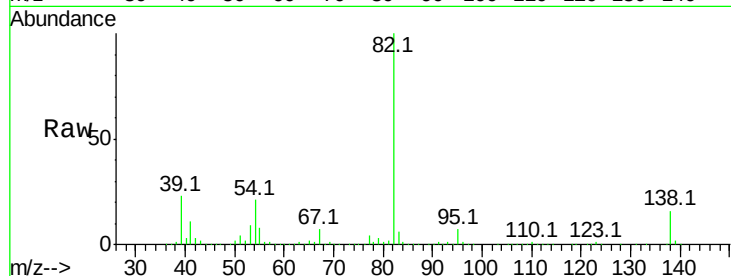
95 6.8 5.1 7.7

138 15.7 12.4 18.6

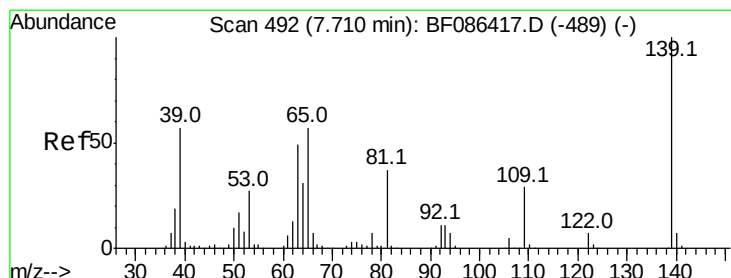
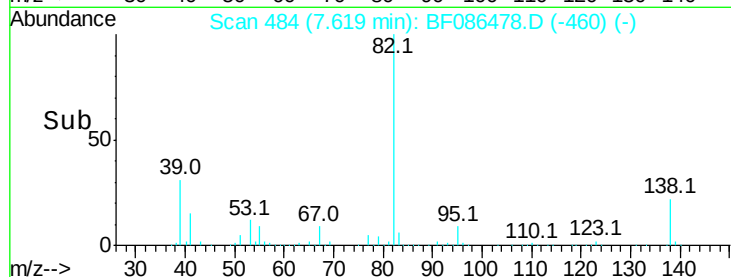
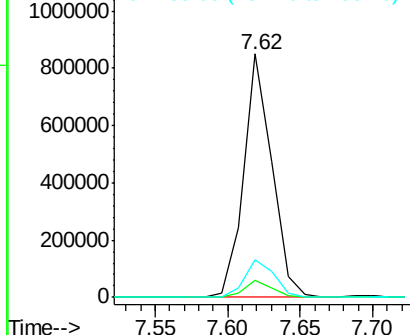
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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 55.27 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF086478.D

Acq: 28 Apr 2016 22:23

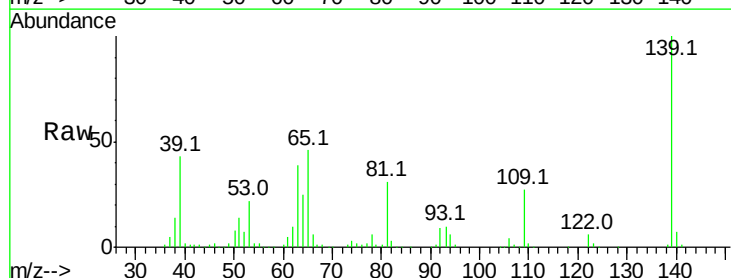
Tgt Ion: 139 Resp: 313696

Ion Ratio Lower Upper

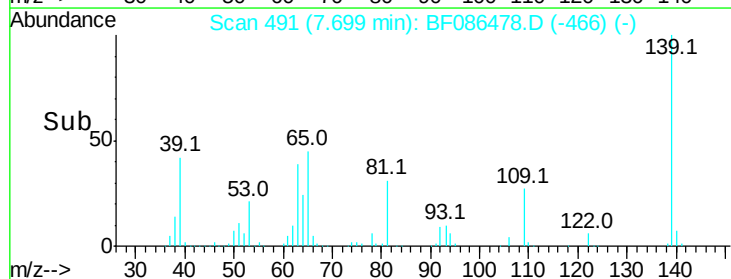
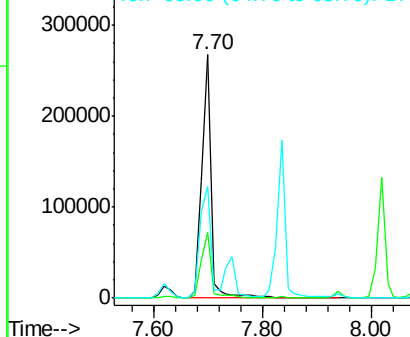
139 100

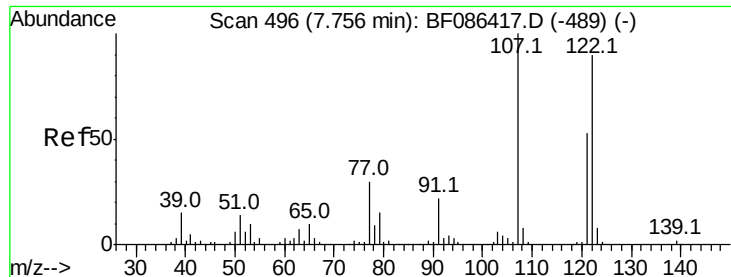
109 26.8 19.5 29.3

65 45.9 37.5 56.3



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





#27

2,4-Dimethylphenol

Concen: 56.80 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF086478.D

Acq: 28 Apr 2016 22:23

Instrument :

BNA_F

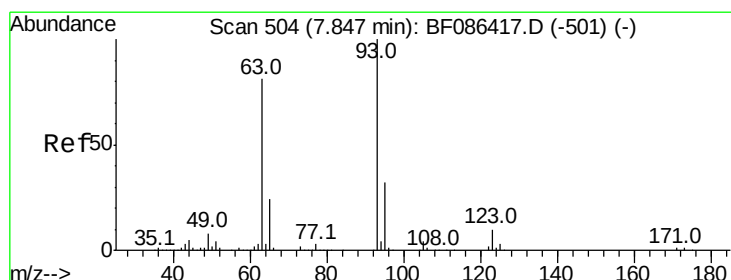
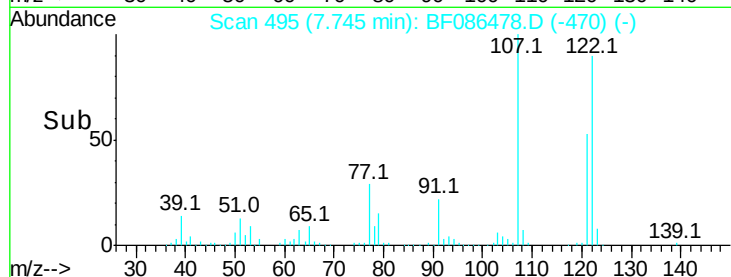
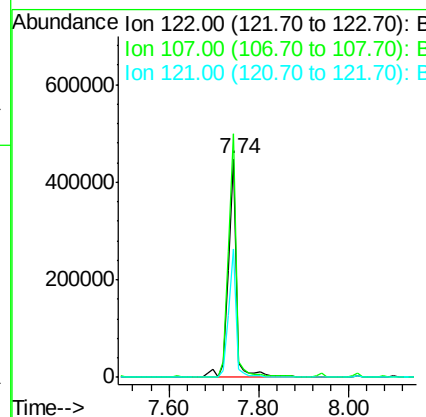
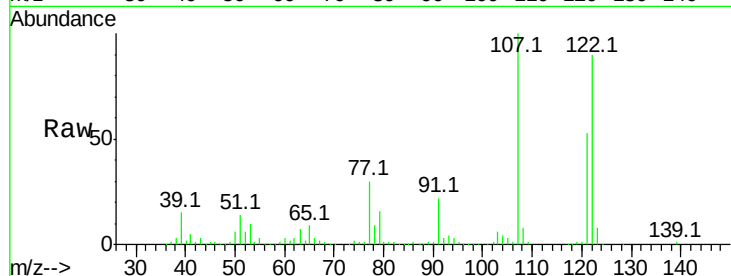
ClientSampleId :

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

Tot Ion:	122	Resp:	565606
Ion Ratio	Lower	Upper	
122	100		
107	111.7	82.0	123.0
121	59.0	46.1	69.1

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#28

bis(2-Chloroethoxy)methane

Concen: 58.49 ng

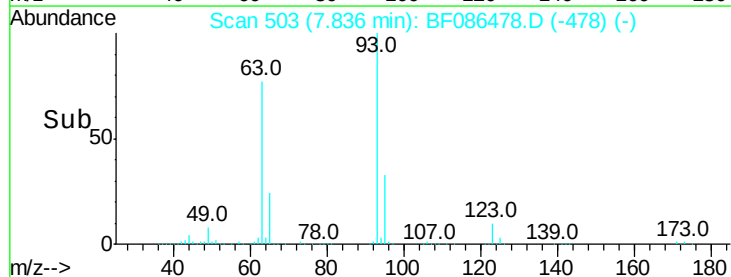
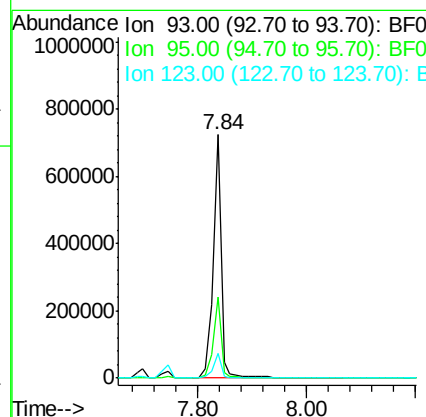
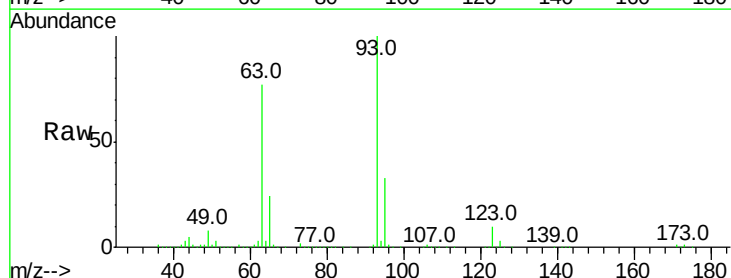
RT: 7.84 min Scan# 503

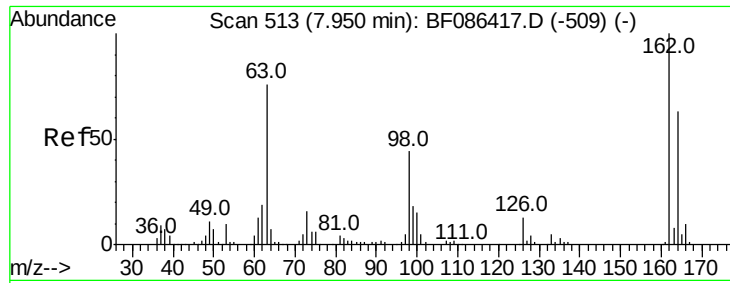
Delta R.T. -0.01 min

Lab File: BF086478.D

Acq: 28 Apr 2016 22:23

Tgt Ion:	93	Resp:	734837
Ion Ratio	Lower	Upper	
93	100		
95	33.2	26.0	39.0
123	10.3	9.5	14.3





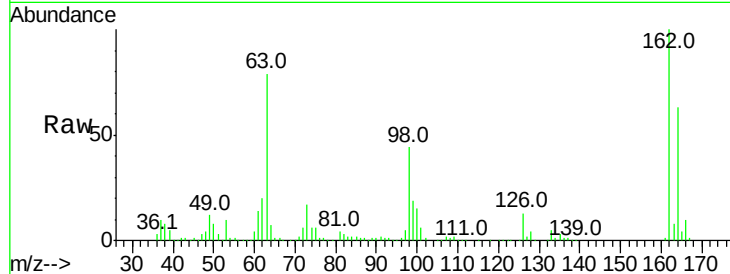
#29
 2,4-Dichlorophenol
 Concen: 51.16 ng
 RT: 7.94 min Scan# 512
 Delta R.T. -0.01 min
 Lab File: BF086478.D
 Acq: 28 Apr 2016 22:23

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

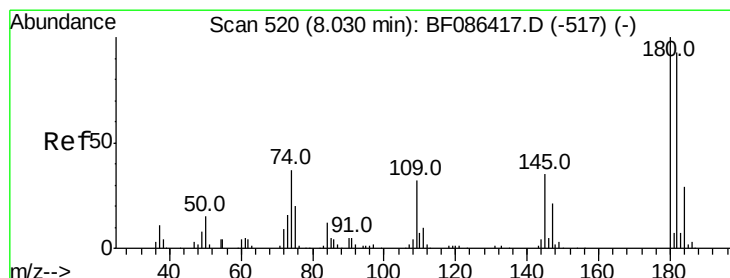
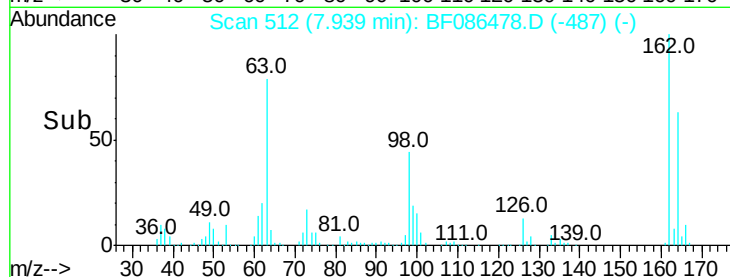
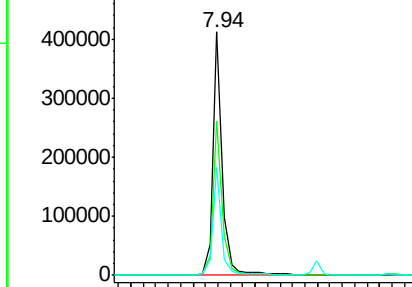
Tot Ion	Ratio	Resp	Lower	Upper
162	100	429870		
164	63.4	42.2	82.2	
98	44.4	19.0	59.0	

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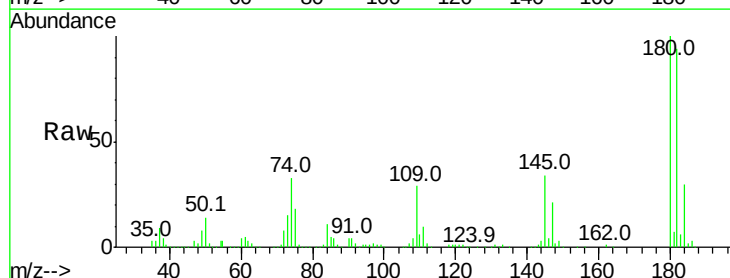


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BFO

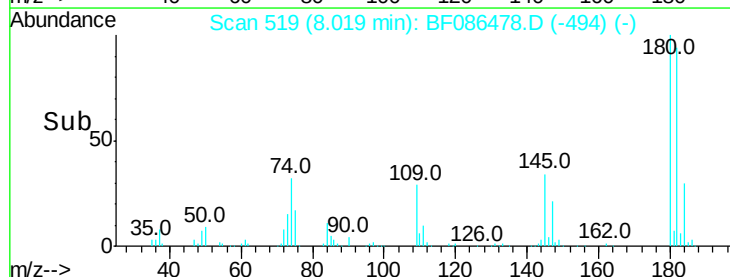
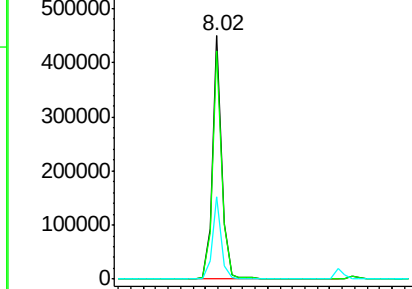


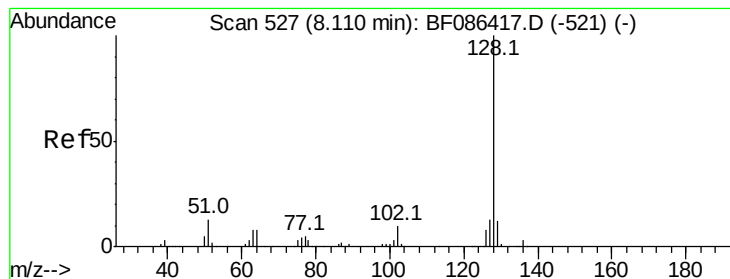
#30
 1,2,4-Trichlorobenzene
 Concen: 47.33 ng
 RT: 8.02 min Scan# 519
 Delta R.T. -0.01 min
 Lab File: BF086478.D
 Acq: 28 Apr 2016 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	461352		
182	94.0	78.0	117.0	
145	33.7	24.2	36.2	



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





#31

Naphthalene

Concen: 45.74 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF086478.D

Acq: 28 Apr 2016 22:23

Instrument :

BNA_F

ClientSampleId :

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

Tot Ion:128 Resp: 1503168

Ion Ratio Lower Upper

128 100

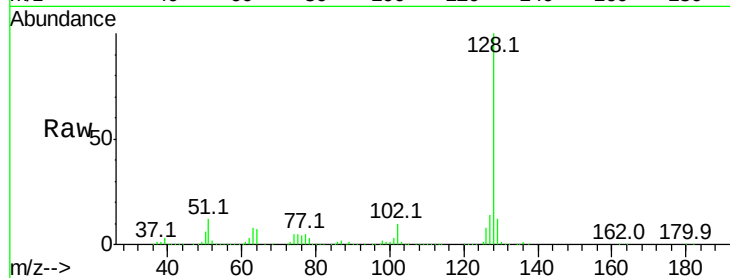
129 11.6 8.6 13.0

127 13.7 10.8 16.2

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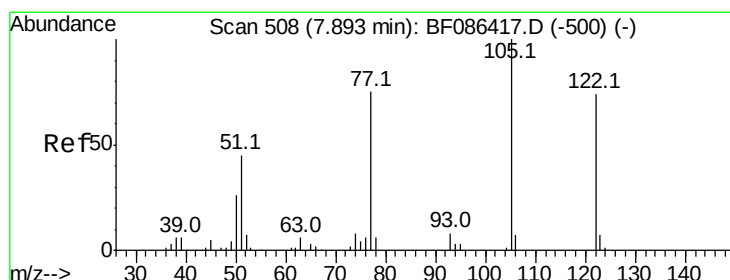
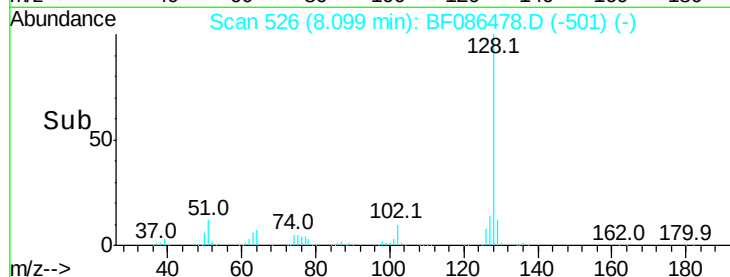
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

8.10

Time-->



#32

Benzoic acid

Concen: 12.77 ng m

RT: 7.80 min Scan# 500

Delta R.T. -0.09 min

Lab File: BF086478.D

Acq: 28 Apr 2016 22:23

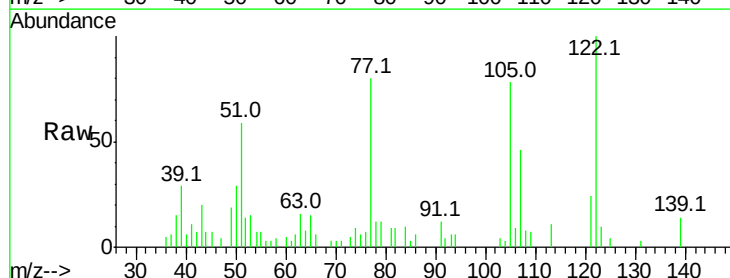
Tgt Ion:122 Resp: 29411

Ion Ratio Lower Upper

122 100

105 77.8 92.6 132.6#

77 80.3 60.0 100.0



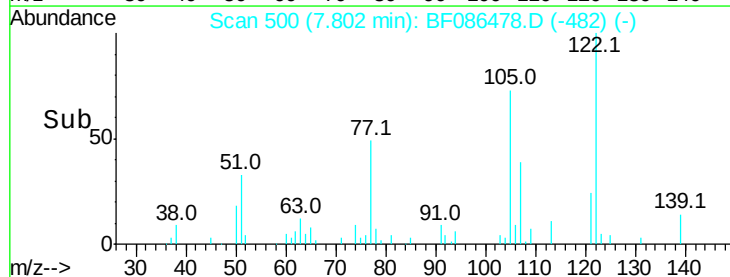
Abundance Ion 122.00 (121.70 to 122.70): E

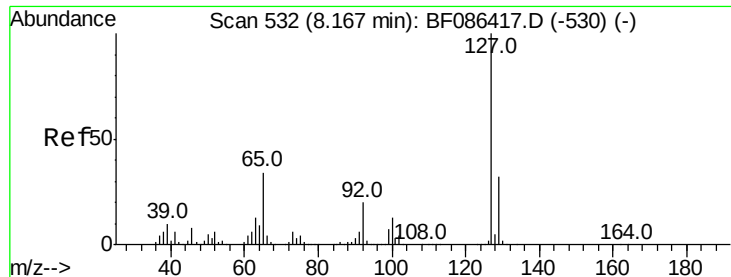
Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

7.80

Time-->





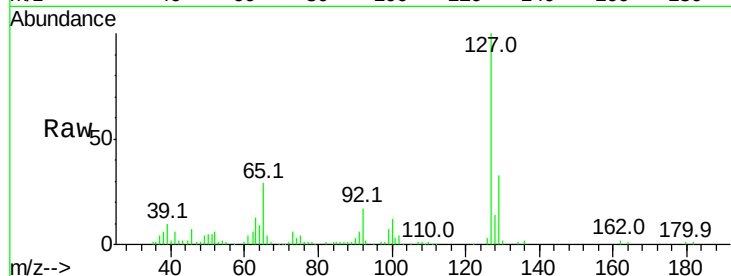
#33
4-Chloroaniline
Concen: 17.87 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF086478.D
Acq: 28 Apr 2016 22:23

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

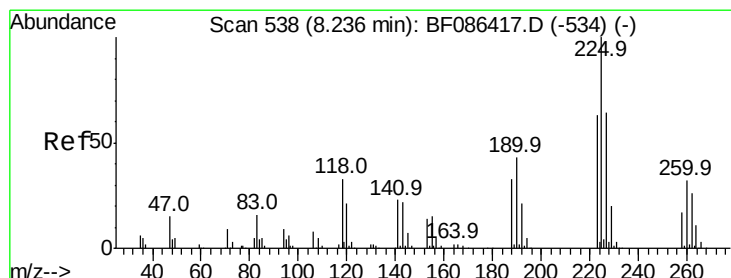
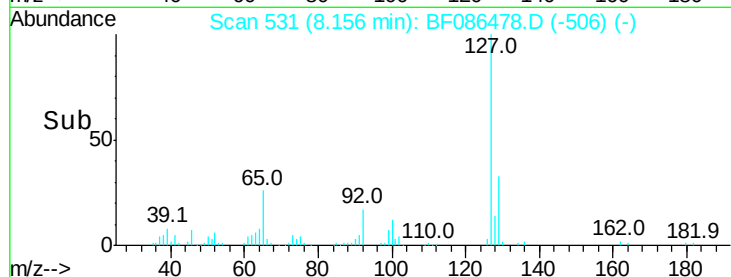
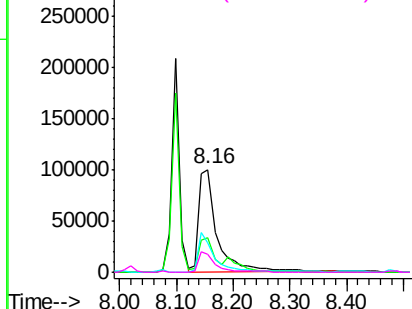
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.3	26.2	39.4		
65	28.8	23.0	34.4		
92	17.5	15.1	22.7		

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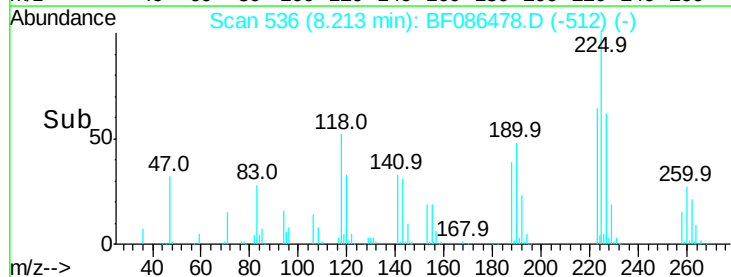
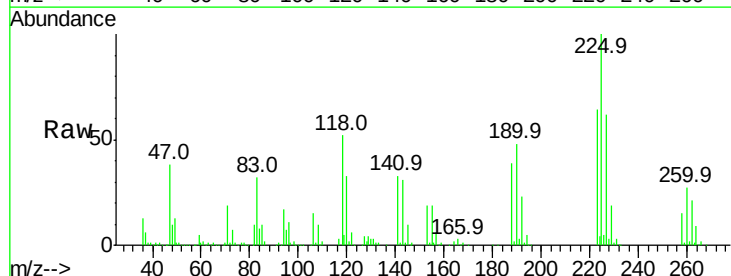
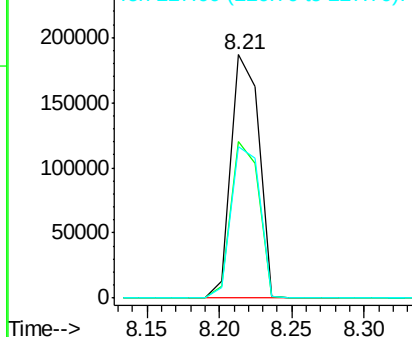
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

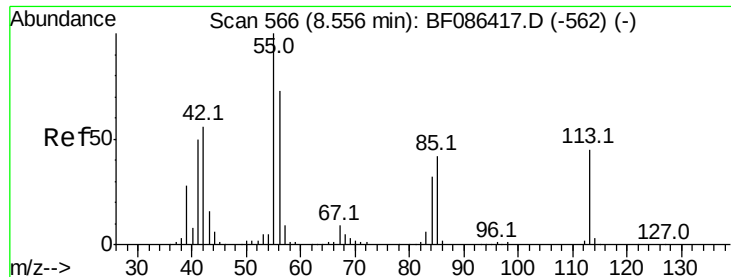


#34
Hexachlorobutadiene
Concen: 45.82 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.02 min
Lab File: BF086478.D
Acq: 28 Apr 2016 22:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.2	51.5	77.3		
227	62.4	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: 53.42 ng/ml

RT: 8.53 min Scan# 564

Delta R.T. -0.02 min

Lab File: BF086478.D

Acq: 28 Apr 2016 22:23

Instrument :

BNA_F

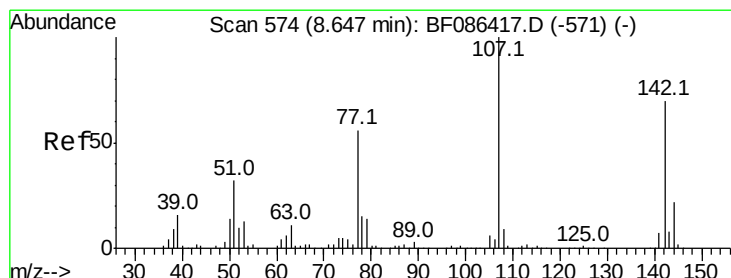
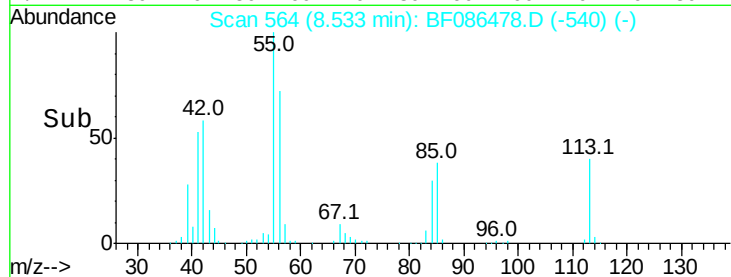
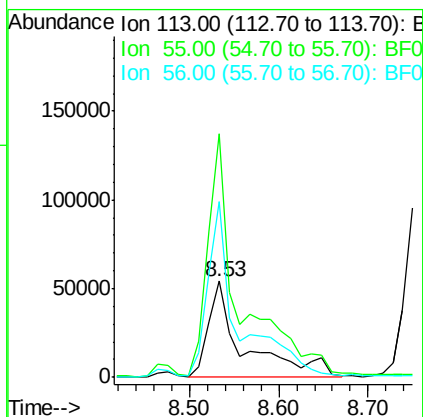
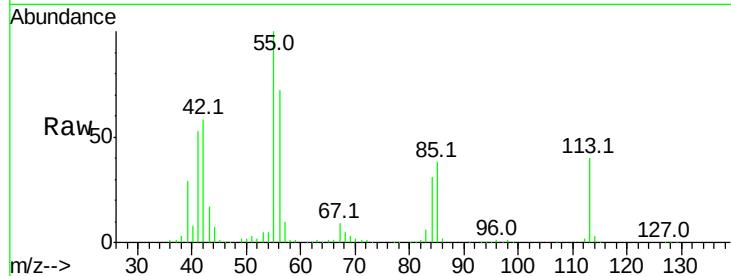
ClientSampleId :

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

Tot Ion:	113	Resp:	149715
Ion Ratio	Lower	Upper	
113	100		
55	253.0	162.0	202.0#
56	182.4	115.3	155.3#

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#36

4-Chloro-3-methylphenol

Concen: 51.48 ng/ml

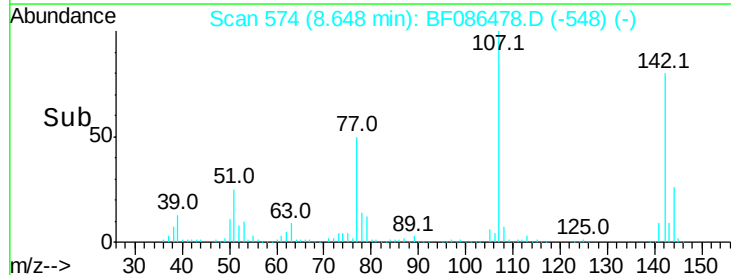
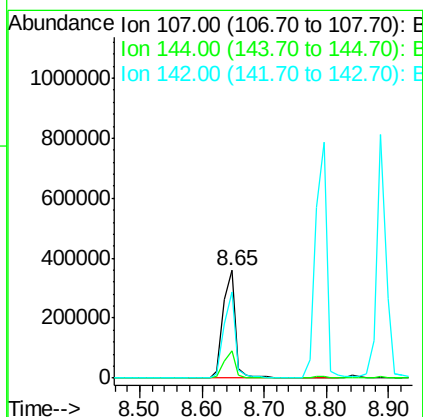
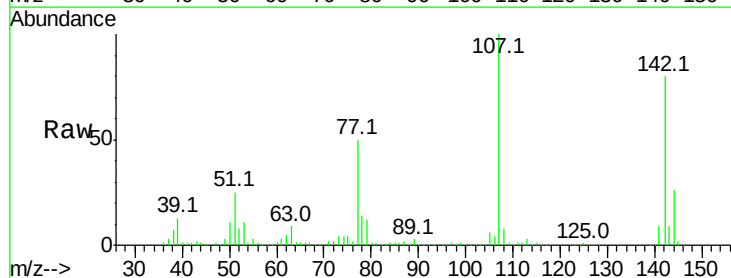
RT: 8.65 min Scan# 574

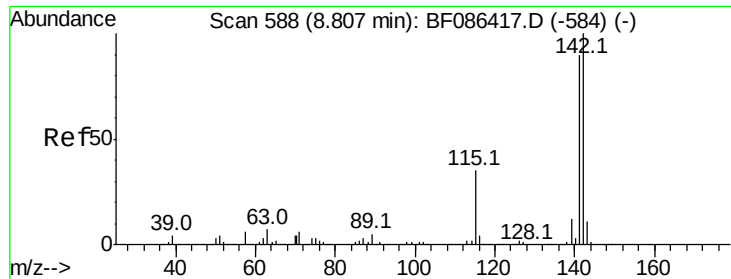
Delta R.T. 0.00 min

Lab File: BF086478.D

Acq: 28 Apr 2016 22:23

Tgt Ion:	107	Resp:	495181
Ion Ratio	Lower	Upper	
107	100		
144	25.7	20.7	31.1
142	80.0	63.2	94.8





#37

2-Methylnaphthalene

Concen: 51.99 ng

RT: 8.80 min Scan# 587

Delta R.T. -0.01 min

Lab File: BF086478.D

Acq: 28 Apr 2016 22:23

Instrument :

BNA_F

ClientSampleId :

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

Tot Ion:142 Resp: 1008224

Ion Ratio Lower Upper

142 100

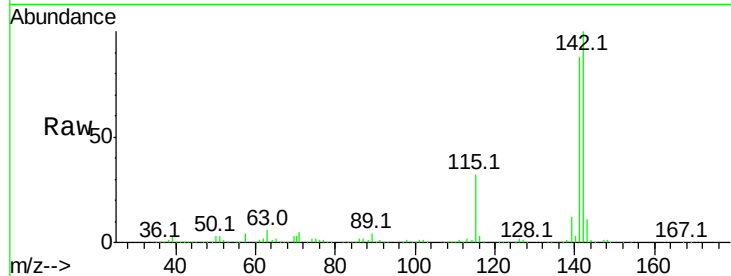
141 88.3 71.0 106.6

115 32.2 26.6 39.8

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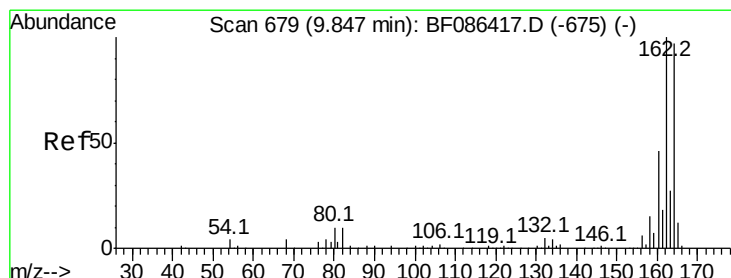
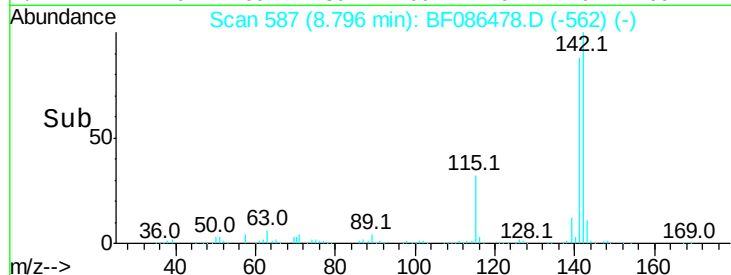
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

8.80

Time--> 8.70 8.75 8.80 8.85



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF086478.D

Acq: 28 Apr 2016 22:23

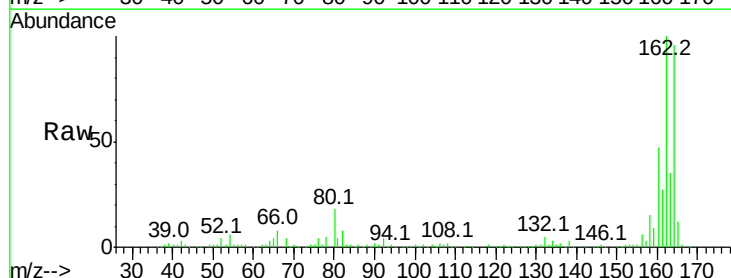
Tgt Ion:164 Resp: 284582

Ion Ratio Lower Upper

164 100

162 104.1 82.8 124.2

160 48.7 36.9 55.3



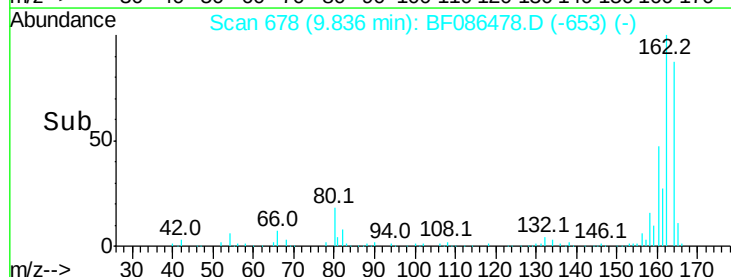
Abundance Ion 164.00 (163.70 to 164.70): E

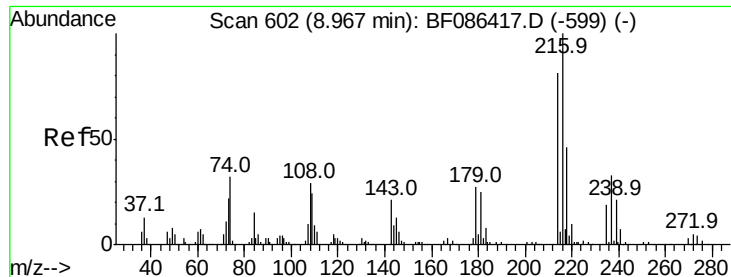
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

9.84

Time--> 9.70 9.80 9.90 10.00





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.34 ng

RT: 8.96 min Scan# 601

Delta R.T. -0.01 min

Lab File: BF086478.D

Acq: 28 Apr 2016 22:23

Instrument :

BNA_F

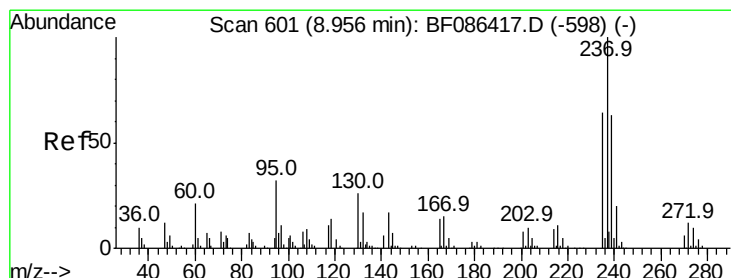
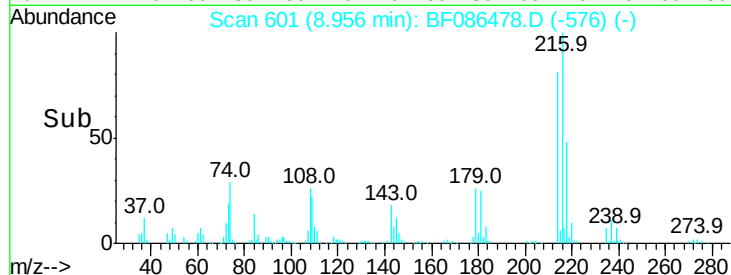
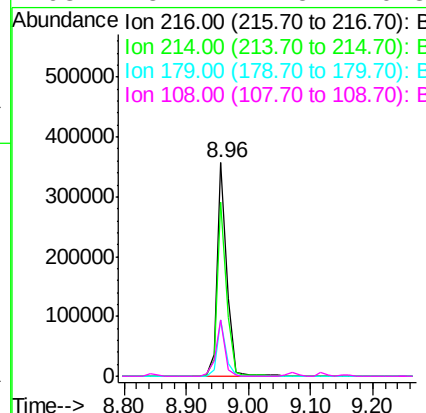
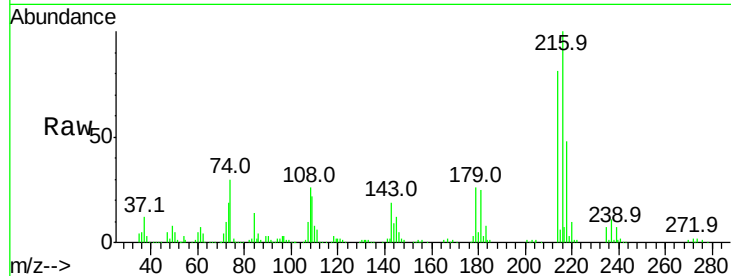
ClientSampleId :

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

Tot Ion	Ratio	Resp	Lower	Upper
216	100	377487		
214	79.8	62.6	93.8	
179	23.6	18.2	27.4	
108	25.2	17.5	26.3	

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#40

Hexachlorocyclopentadiene

Concen: 64.21 ng

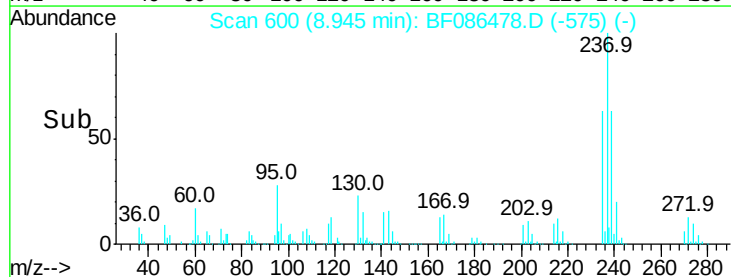
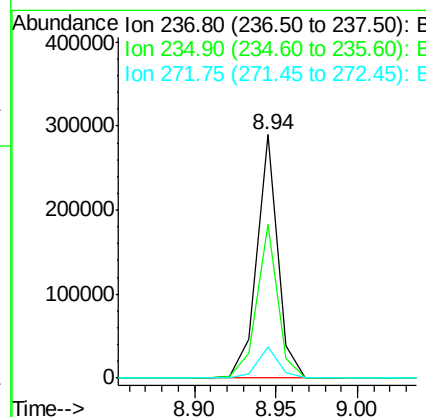
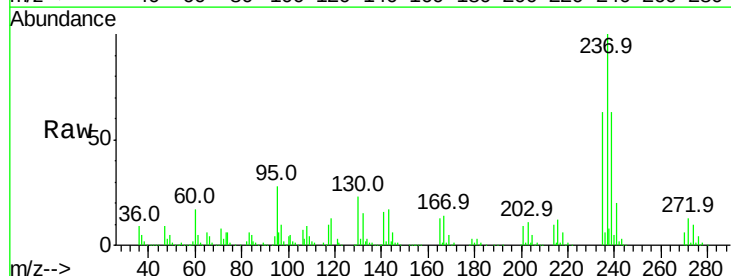
RT: 8.94 min Scan# 600

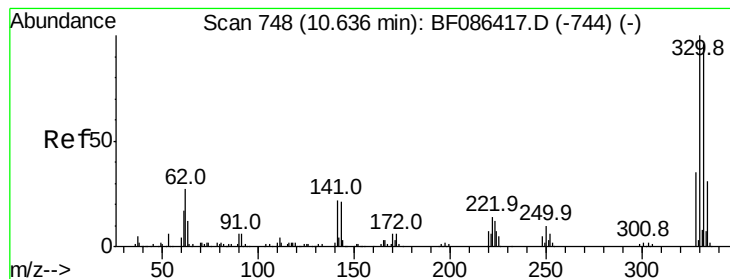
Delta R.T. -0.01 min

Lab File: BF086478.D

Acq: 28 Apr 2016 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	259915		
235	63.0	47.2	87.2	
272	12.6	0.0	31.1	





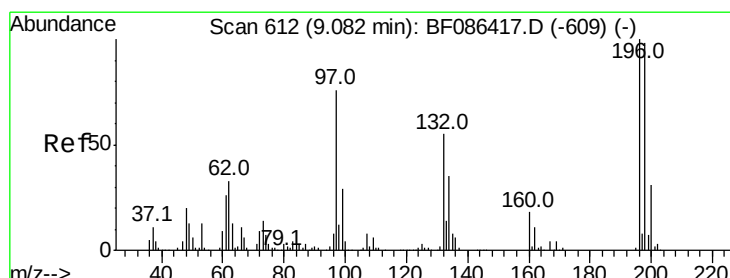
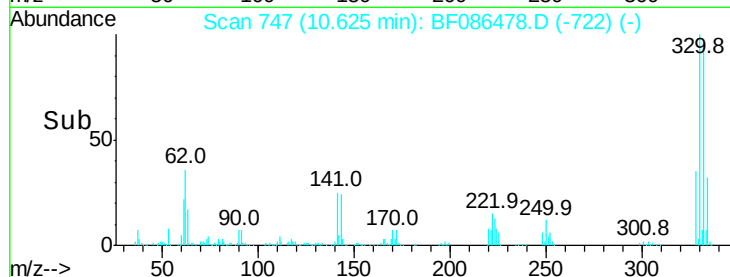
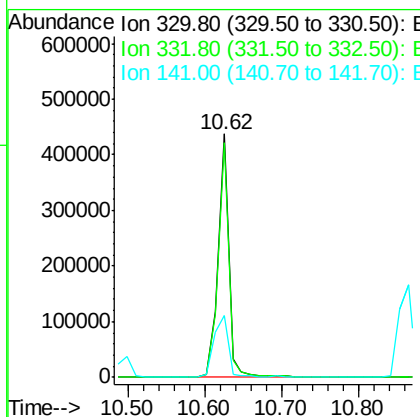
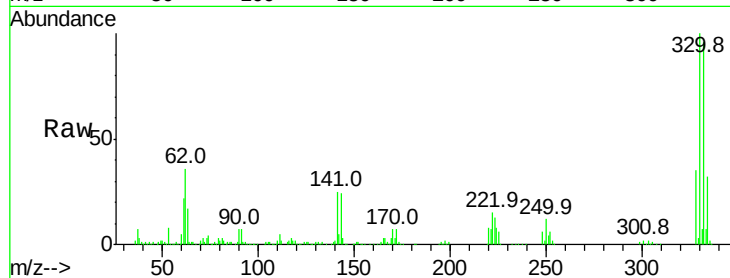
#41
 2,4,6-Tribromophenol
 Concen: 143.26 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.01 min
 Lab File: BF086478.D
 Acq: 28 Apr 2016 22:23

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

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.8	79.0	118.4	
141	32.9	31.2	46.8	

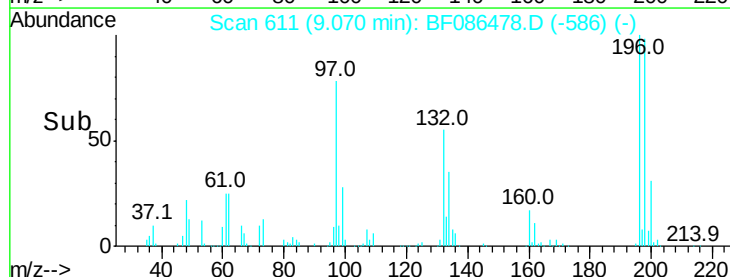
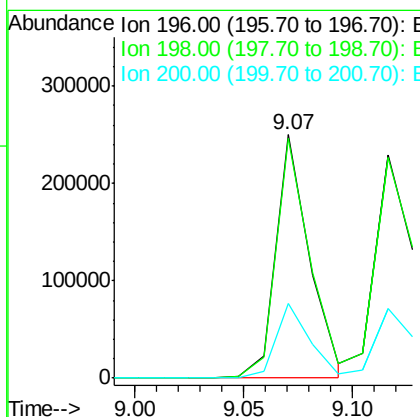
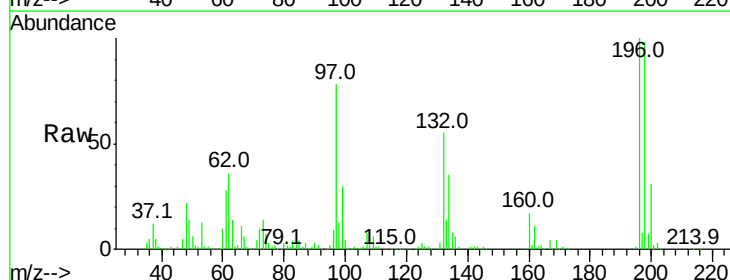
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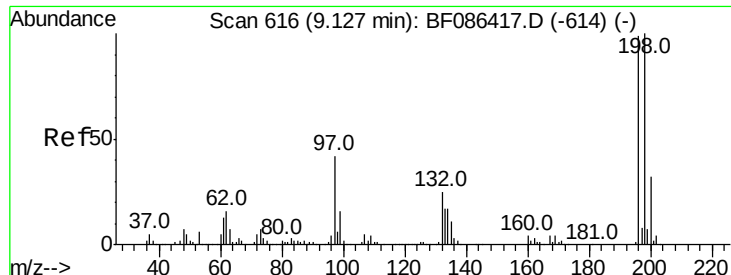
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#42
 2,4,6-Trichlorophenol
 Concen: 52.65 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF086478.D
 Acq: 28 Apr 2016 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	98.5	74.7	112.1	
200	30.7	23.8	35.6	





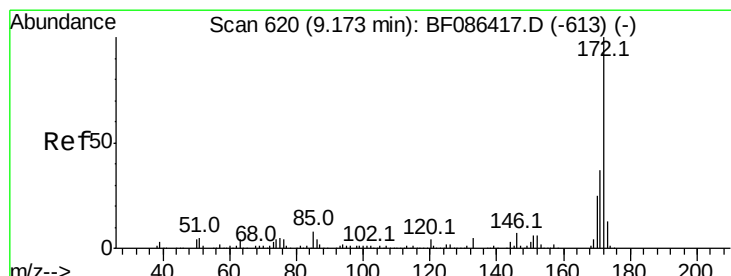
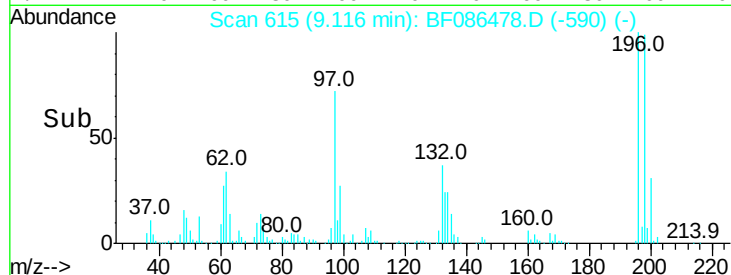
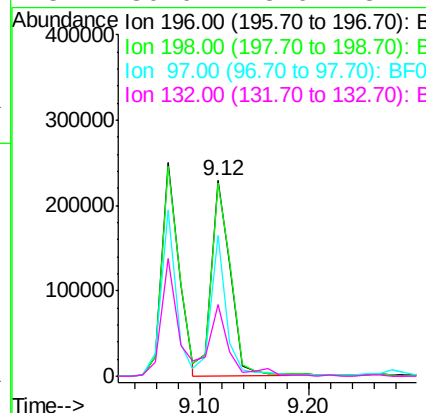
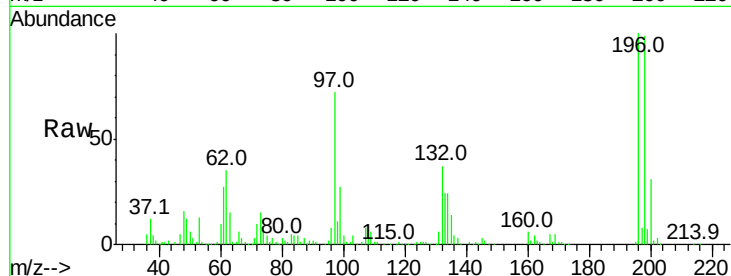
#43
 2,4,5-Trichlorophenol
 Concen: 50.10 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF086478.D
 Acq: 28 Apr 2016 22:23

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

Tot Ion	Ratio	Resp	Lower	Upper
196	100	281188		
198	98.9	77.5	116.3	
97	72.1	34.8	52.2	#
132	36.6	23.0	34.4	#

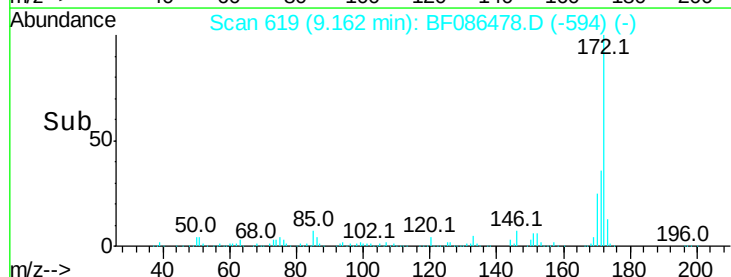
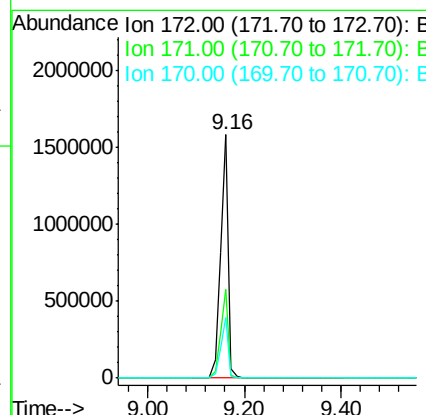
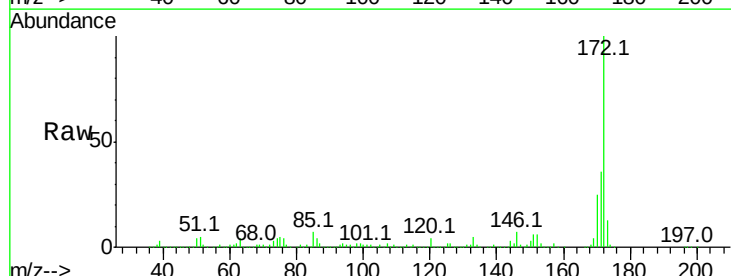
Manual Integrations
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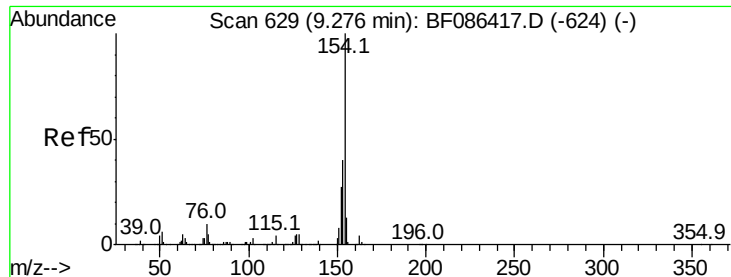
sohil
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#44
 2-Fluorobiphenyl
 Concen: 121.09 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.01 min
 Lab File: BF086478.D
 Acq: 28 Apr 2016 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1809164		
171	36.4	29.0	43.6	
170	24.9	19.8	29.8	





#45

1,1'-Biphenyl

Concen: 48.30 ng

RT: 9.25 min Scan# 627

Delta R.T. -0.02 min

Lab File: BF086478.D

Acq: 28 Apr 2016 22:23

Instrument :

BNA_F

ClientSampleId :

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

Tot Ion:154 Resp: 1148977

Ion Ratio Lower Upper

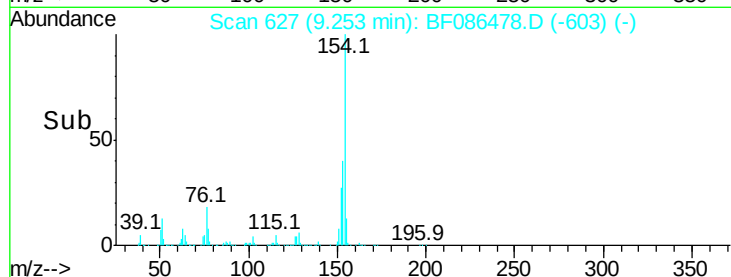
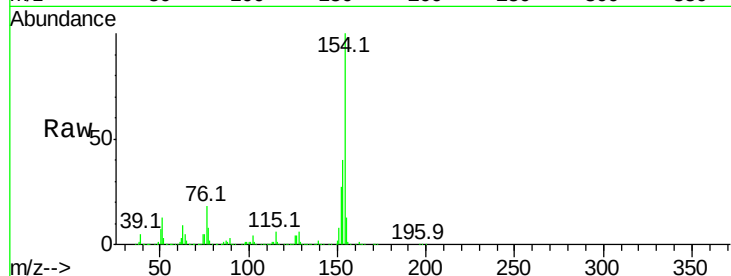
154 100

153 40.4 20.3 60.3

76 17.9 0.0 30.2

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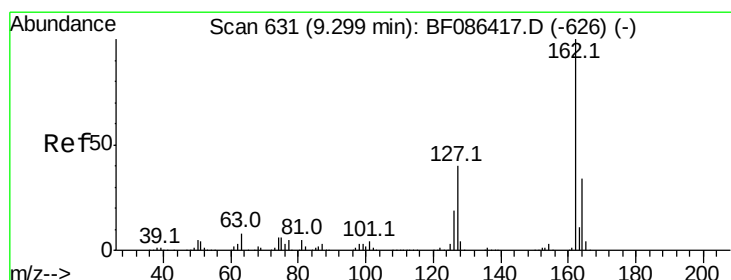
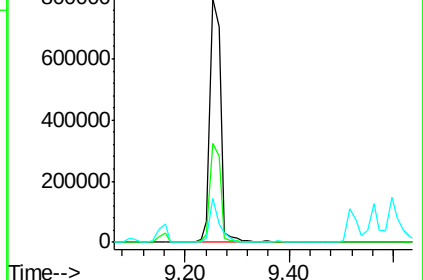
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 49.13 ng

RT: 9.29 min Scan# 630

Delta R.T. -0.01 min

Lab File: BF086478.D

Acq: 28 Apr 2016 22:23

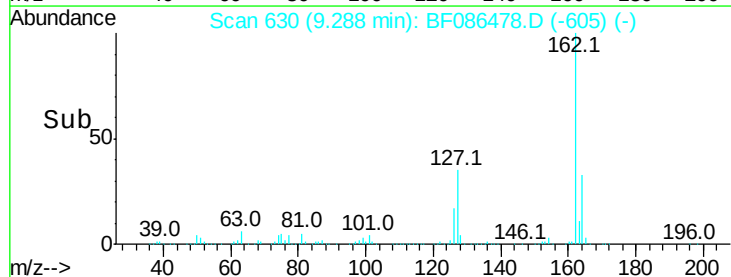
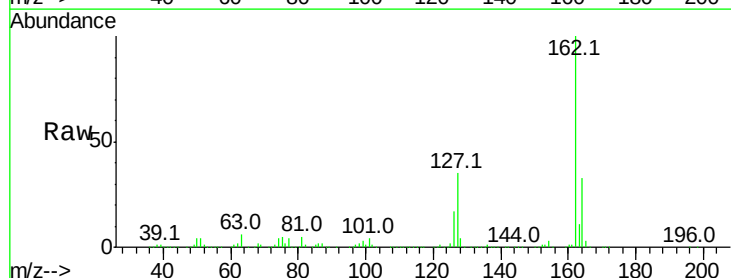
Tgt Ion:162 Resp: 888582

Ion Ratio Lower Upper

162 100

127 35.4 31.8 47.6

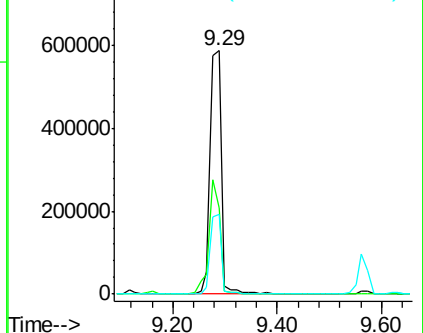
164 32.6 27.0 40.6

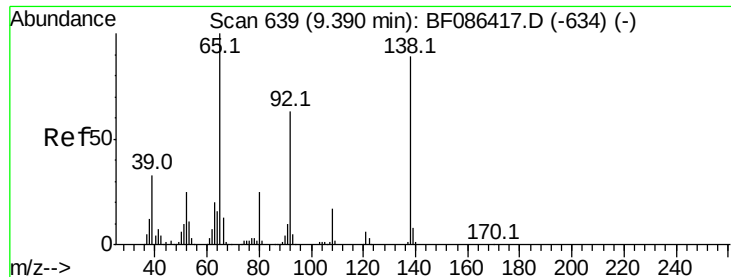


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 59.78 ng

RT: 9.38 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF086478.D

Acq: 28 Apr 2016 22:23

Instrument :

BNA_F

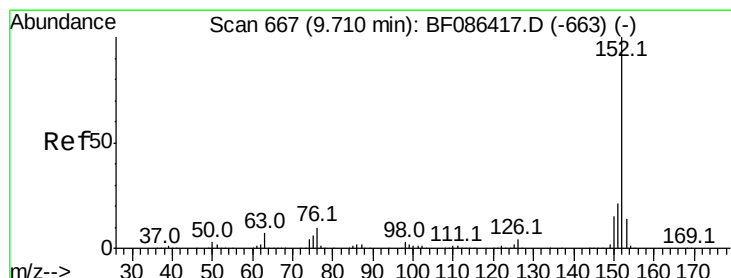
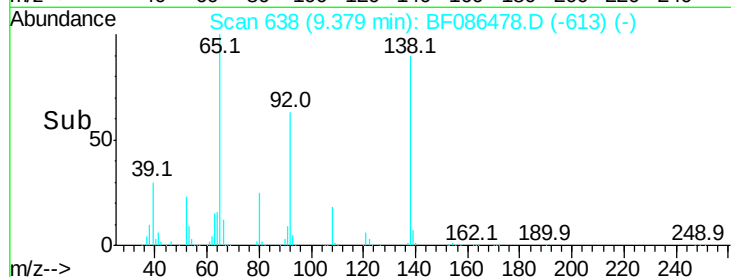
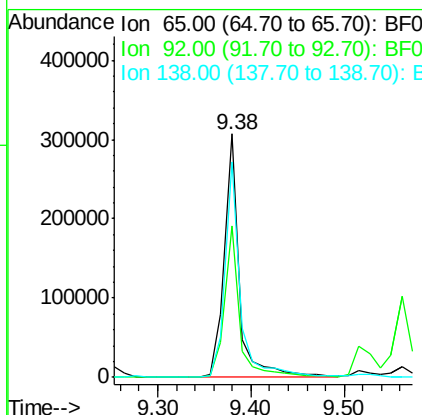
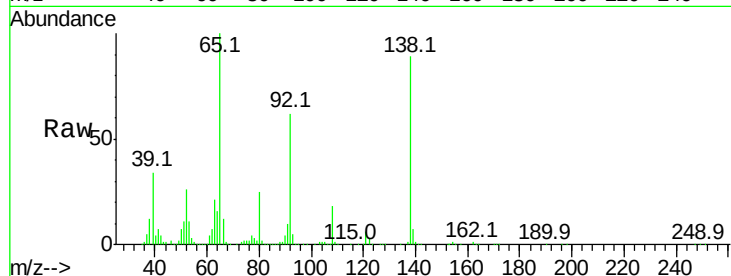
ClientSampleId :

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

Tot Ion	Ratio	Lower	Upper
65	100		
92	62.5	57.4	86.2
138	88.7	90.1	135.1#

Manual Integrations
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#48

Acenaphthylene

Concen: 49.09 ng

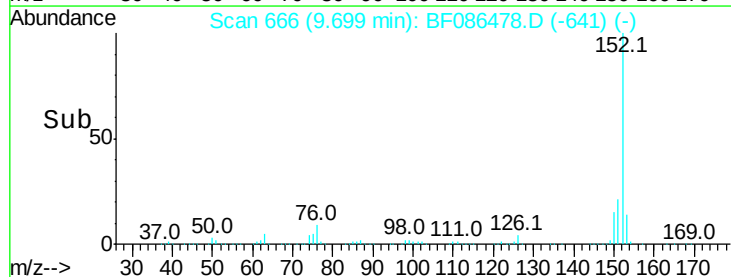
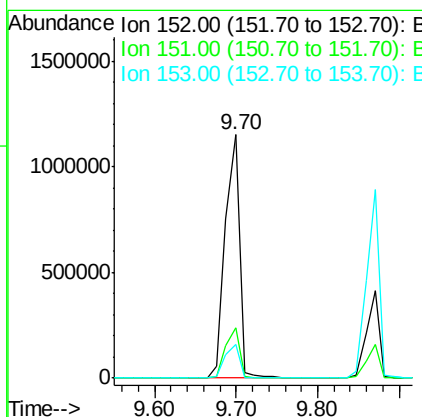
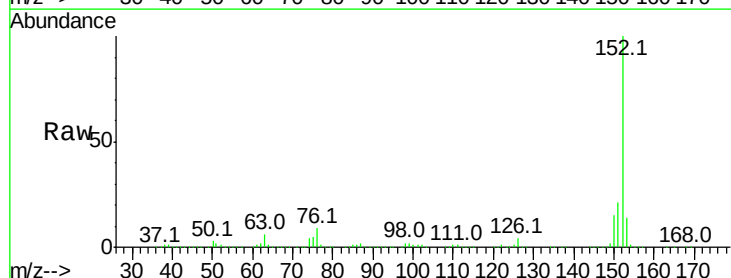
RT: 9.70 min Scan# 666

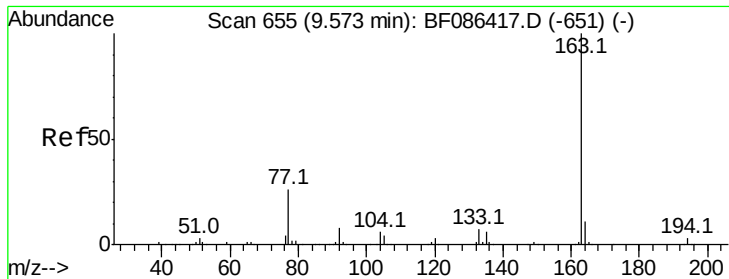
Delta R.T. -0.01 min

Lab File: BF086478.D

Acq: 28 Apr 2016 22:23

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.8	25.2
153	13.7	10.9	16.3





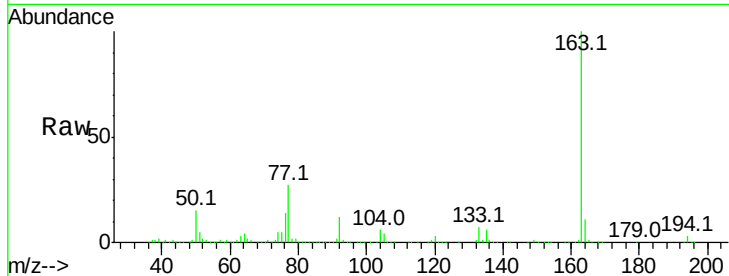
#49
Dimethylphthalate
Concen: 56.49 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF086478.D
Acq: 28 Apr 2016 22:23

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

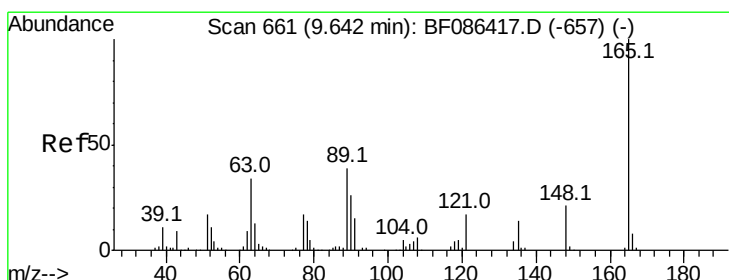
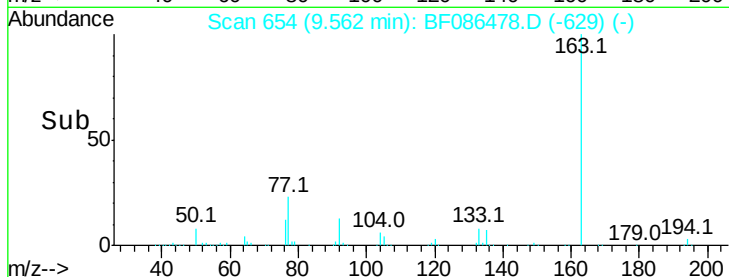
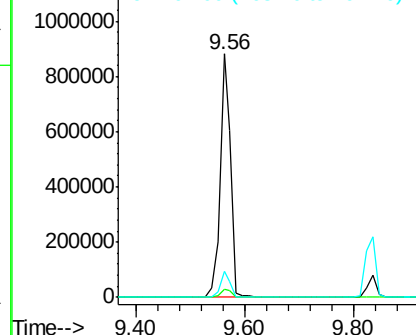
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	10.9	8.2	12.4

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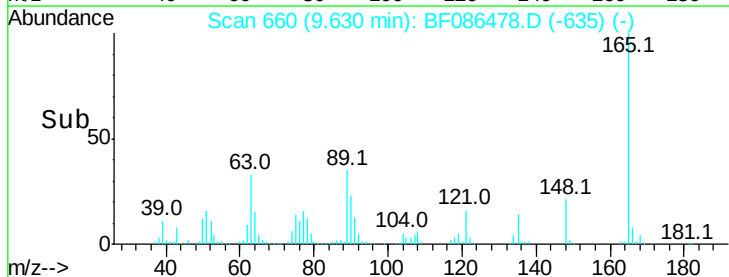
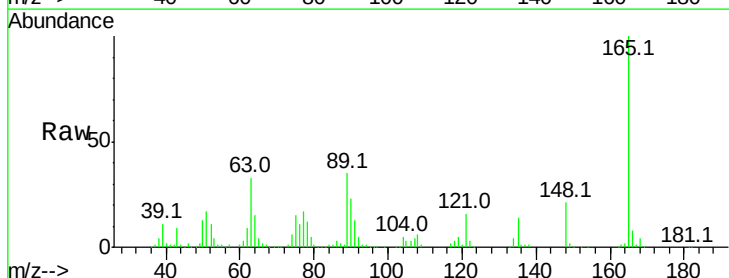
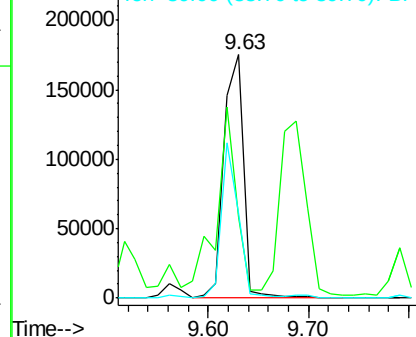
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

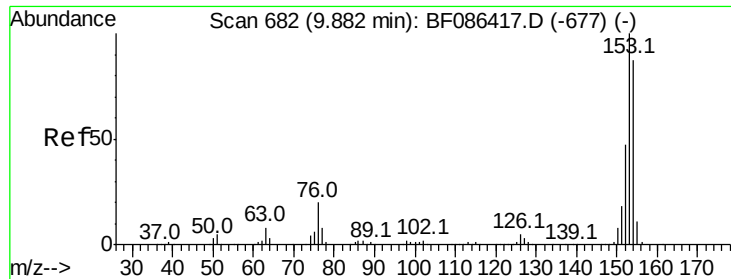


#50
2,6-Dinitrotoluene
Concen: 53.52 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.01 min
Lab File: BF086478.D
Acq: 28 Apr 2016 22:23

Tgt Ion	Ratio	Lower	Upper
165	100		
63	33.3	51.8	77.8#
89	34.9	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: 50.34 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF086478.D

Acq: 28 Apr 2016 22:23

Instrument :

BNA_F

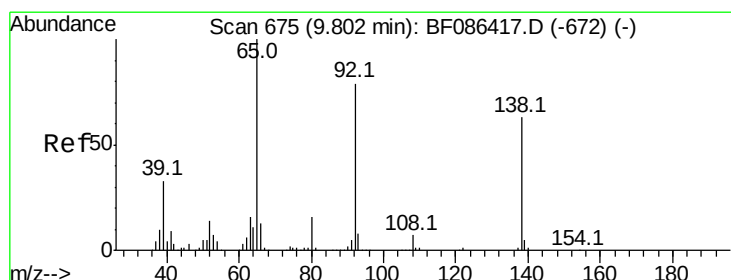
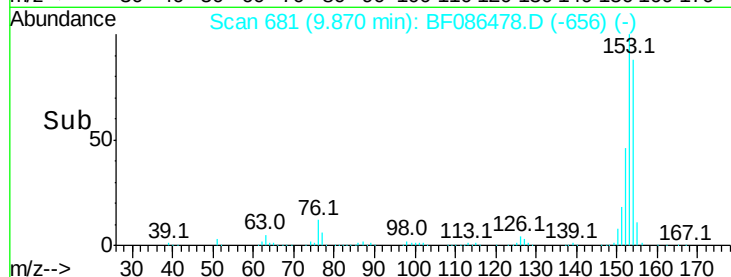
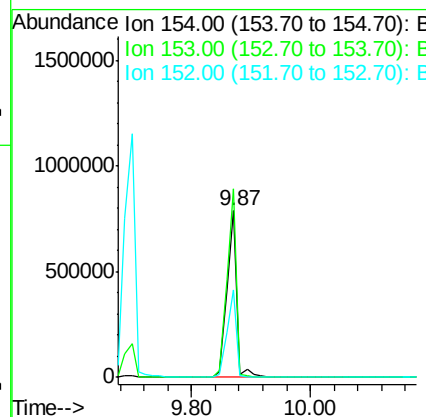
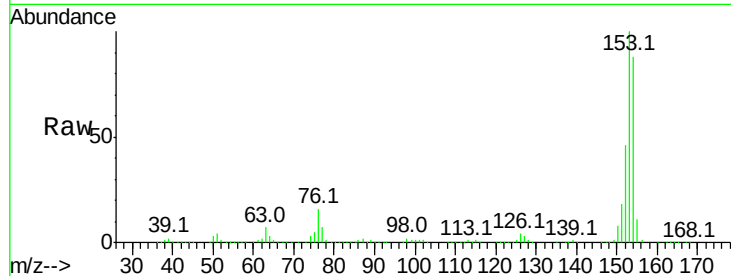
ClientSampleId :

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

Tot Ion:	154	Resp:	914180
Ion Ratio	Lower	Upper	
154	100		
153	113.5	89.8	134.6
152	52.5	43.4	65.0

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#52

3-Nitroaniline

Concen: 38.16 ng

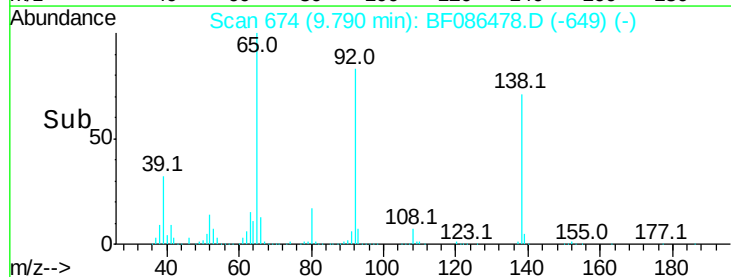
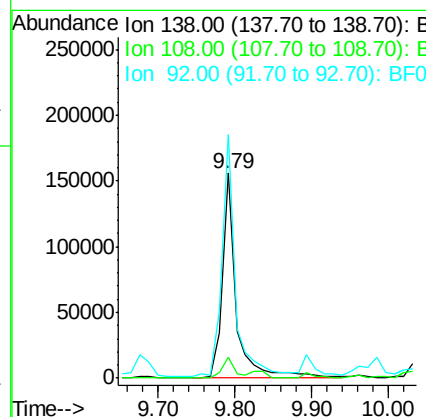
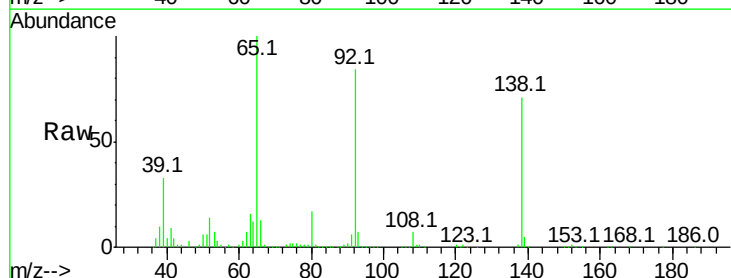
RT: 9.79 min Scan# 674

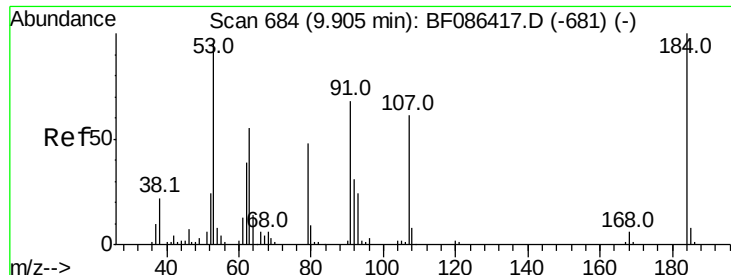
Delta R.T. -0.01 min

Lab File: BF086478.D

Acq: 28 Apr 2016 22:23

Tgt Ion:	138	Resp:	192061
Ion Ratio	Lower	Upper	
138	100		
108	10.1	7.8	11.6
92	119.0	87.8	131.8





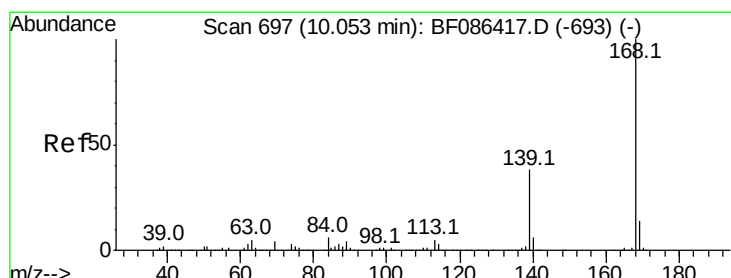
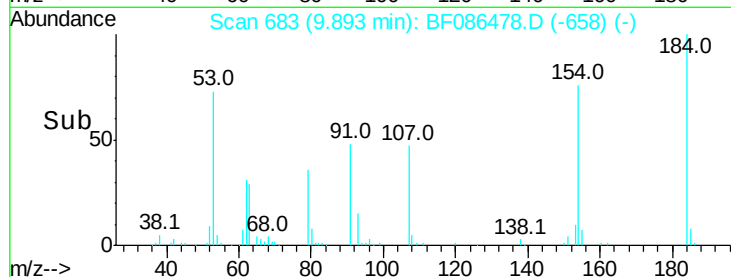
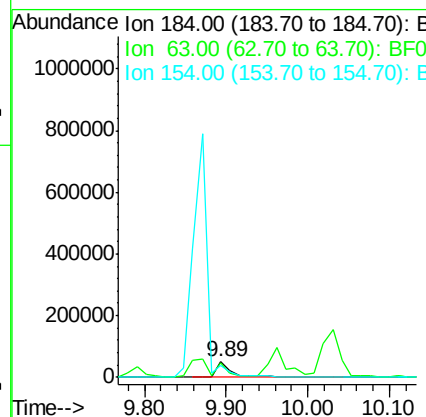
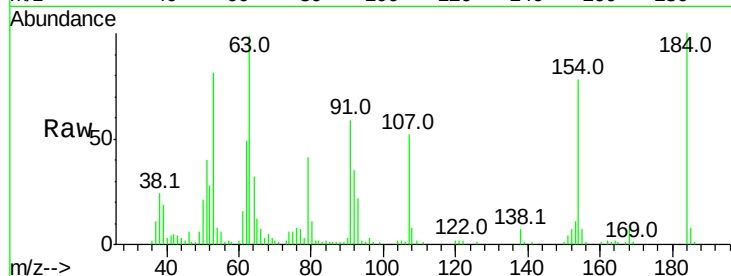
#53
 2,4-Dinitrophenol
 Concen: 32.98 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.01 min
 Lab File: BF086478.D
 Acq: 28 Apr 2016 22:23

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

Tot Ion	Ratio	Lower	Upper
184	100		
63	98.5	55.8	83.8#
154	77.6	62.4	93.6

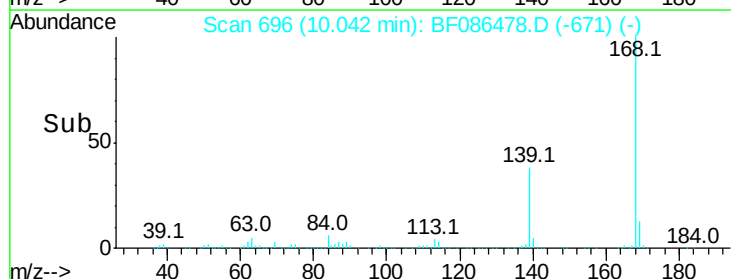
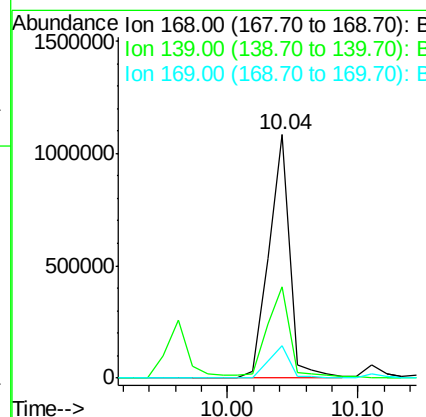
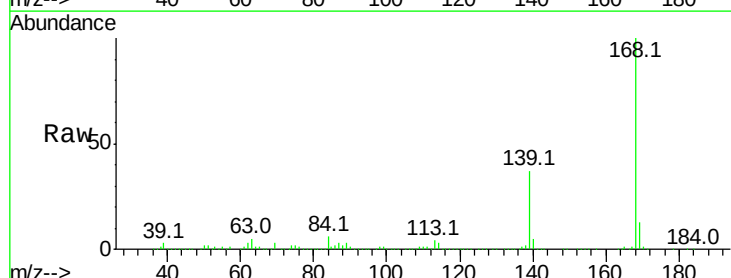
Manual Integrations
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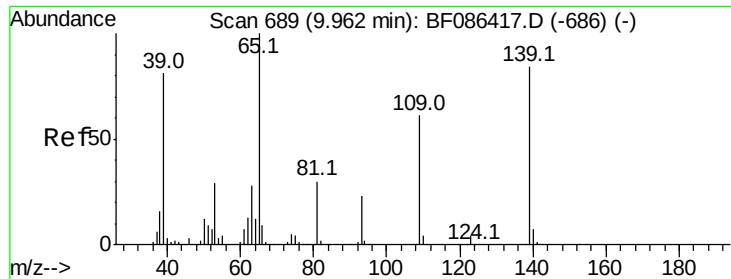
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#54
 Dibenzofuran
 Concen: 53.17 ng
 RT: 10.04 min Scan# 696
 Delta R.T. -0.01 min
 Lab File: BF086478.D
 Acq: 28 Apr 2016 22:23

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.5	31.4	47.0
169	13.4	10.7	16.1





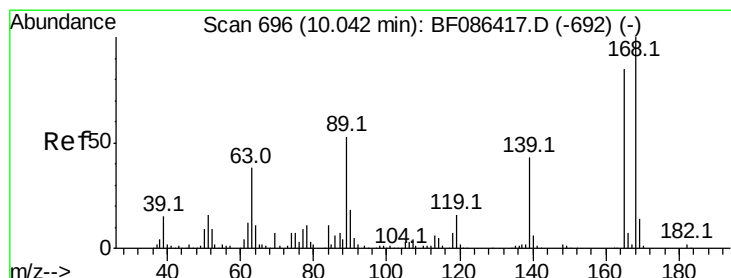
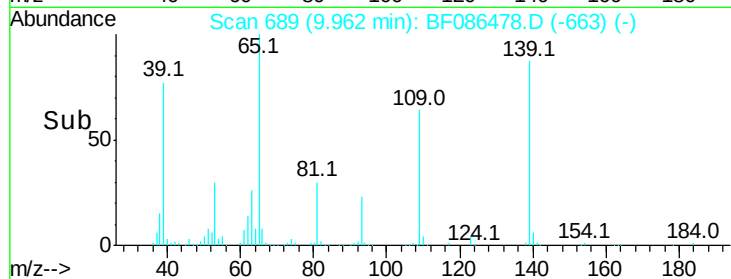
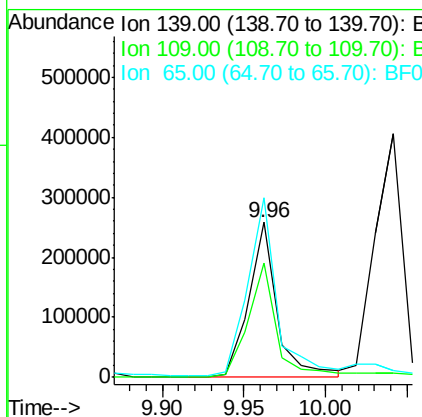
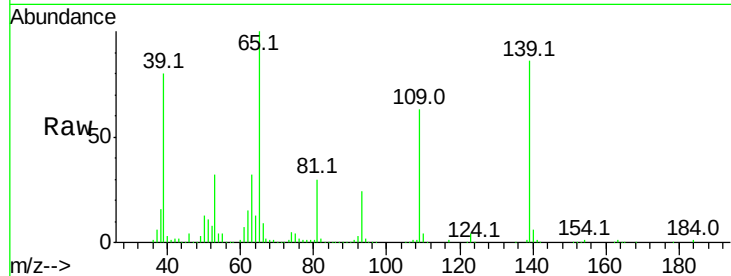
#55
4-Nitrophenol
Concen: 95.28 ng
RT: 9.96 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF086478.D
Acq: 28 Apr 2016 22:23

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	115.6	64.0	104.0	

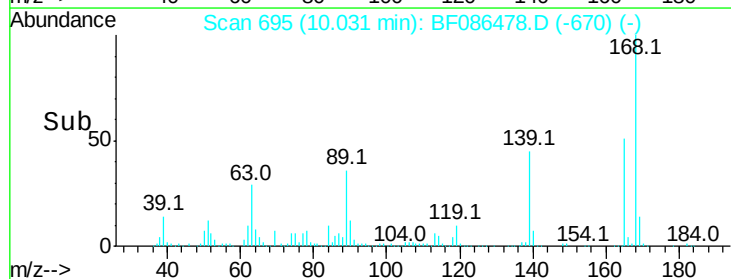
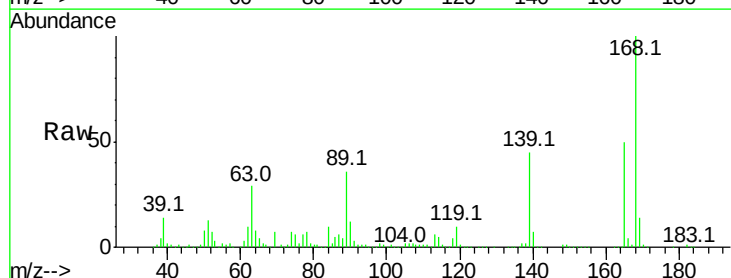
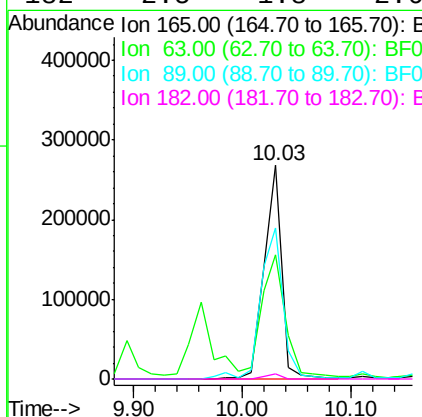
Manual Integrations
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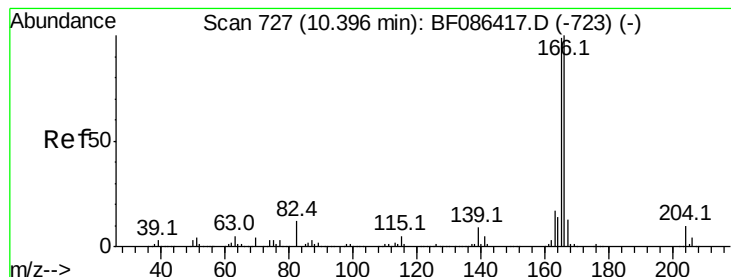
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#56
2,4-Dinitrotoluene
Concen: 54.46 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.01 min
Lab File: BF086478.D
Acq: 28 Apr 2016 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	57.9	44.3	66.5	
89	70.6	70.0	105.0	
182	2.5	1.8	2.6	





#57

Fluorene

Concen: 44.59 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF086478.D

Acq: 28 Apr 2016 22:23

Instrument :

BNA_F

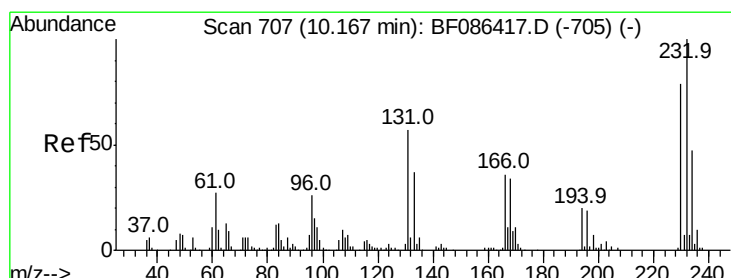
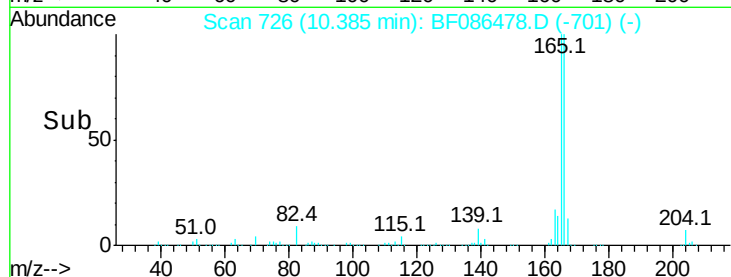
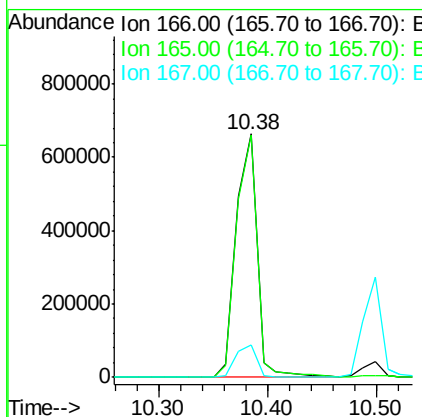
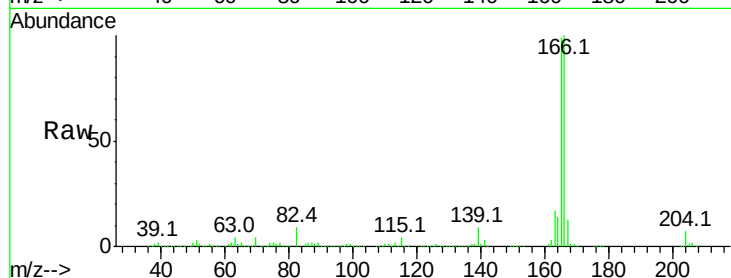
ClientSampleId :

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

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Tot Ion	166	Resp	878608
Ion Ratio	Lower	Upper	
166	100		
165	99.3	79.0	118.6
167	13.3	10.6	15.8



#58

2,3,4,6-Tetrachlorophenol

Concen: 52.06 ng

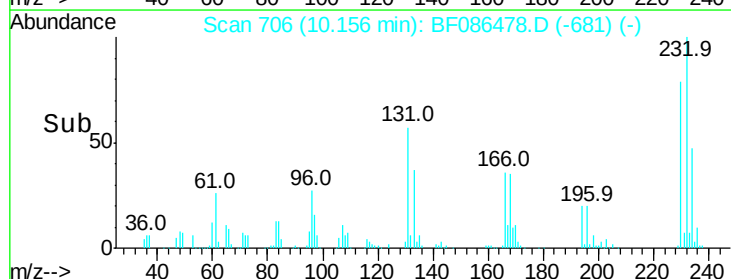
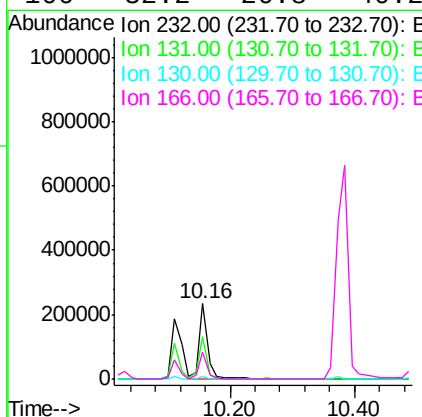
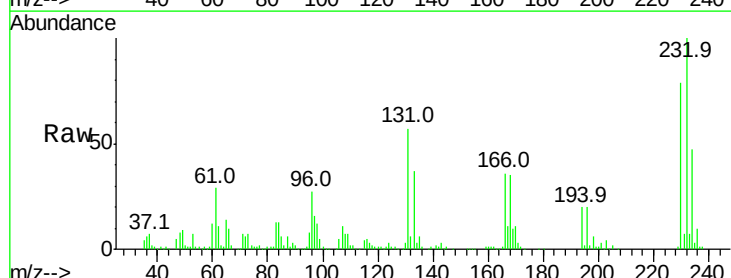
RT: 10.16 min Scan# 706

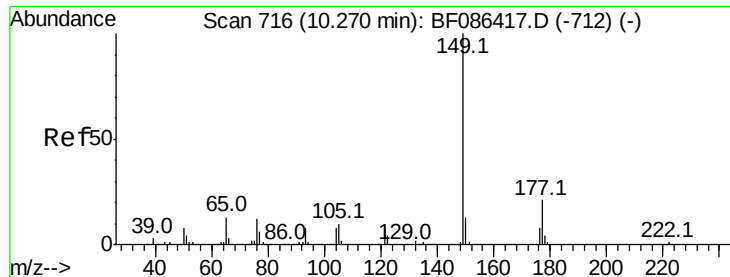
Delta R.T. -0.01 min

Lab File: BF086478.D

Acq: 28 Apr 2016 22:23

Tgt Ion	232	Resp	228436
Ion Ratio	Lower	Upper	
232	100		
131	53.1	41.9	62.9
130	2.6	2.2	3.4
166	32.2	26.8	40.2





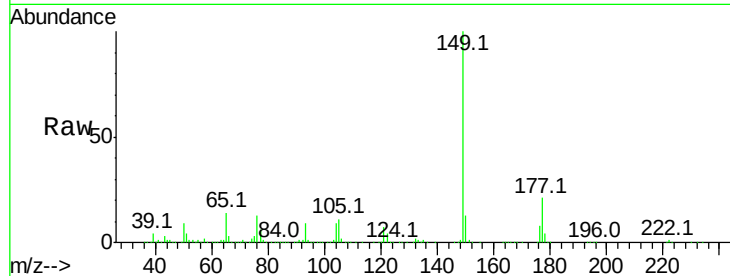
#59
Diethylphthalate
Concen: 47.52 ng
RT: 10.26 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF086478.D
Acq: 28 Apr 2016 22:23

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

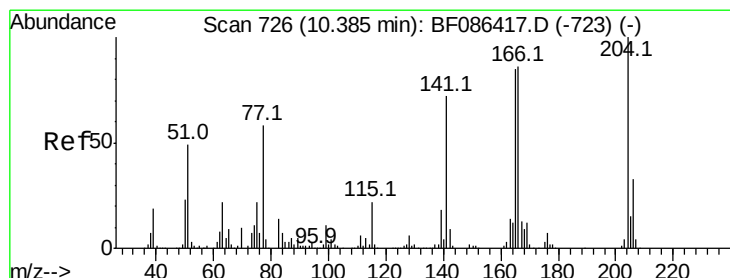
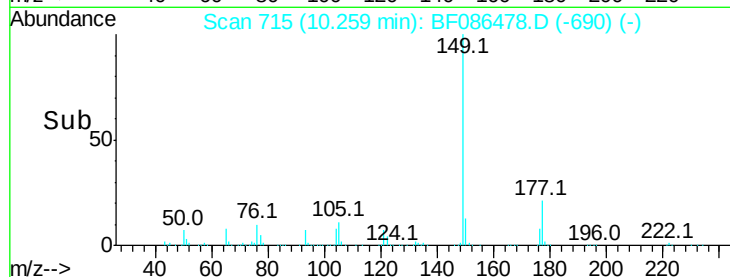
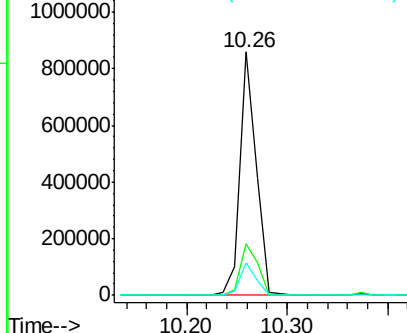
Tot Ion	Ratio	Resp	Lower	Upper
149	100	963820		
177	21.4	16.6	24.8	
150	13.1	10.0	15.0	

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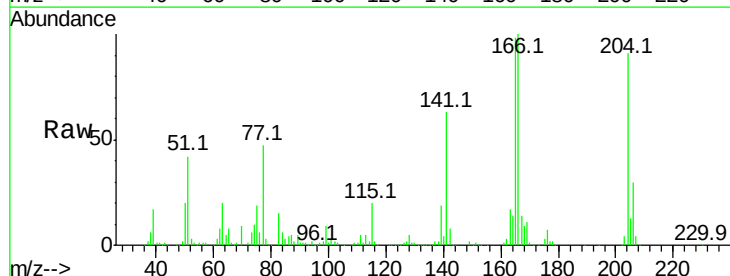


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

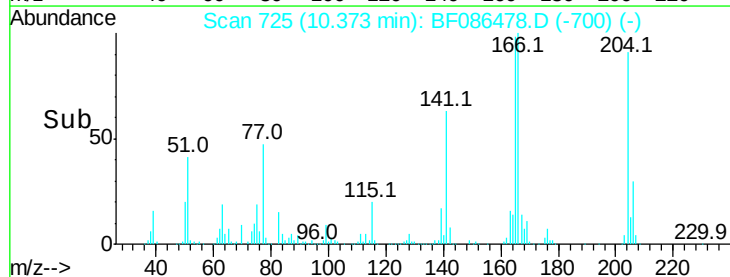
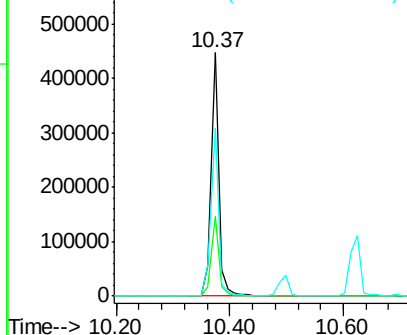


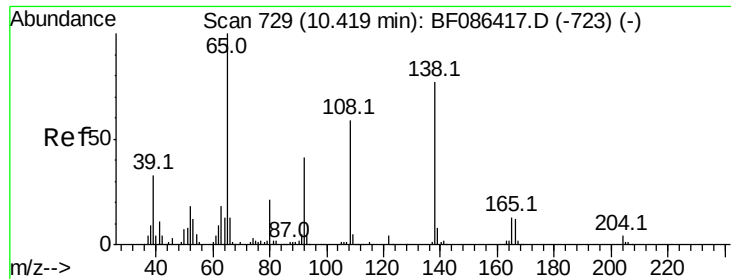
#60
4-Chlorophenyl-phenylether
Concen: 44.73 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF086478.D
Acq: 28 Apr 2016 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	400151		
206	32.6	25.4	38.0	
141	69.1	61.6	92.4	



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





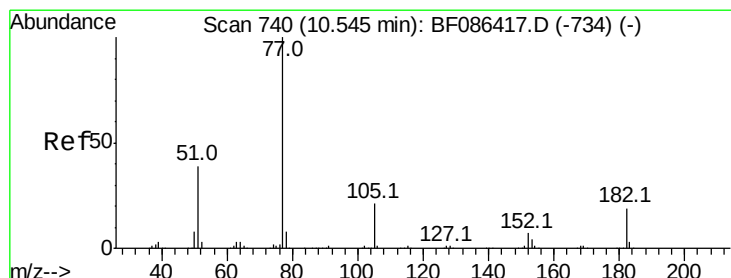
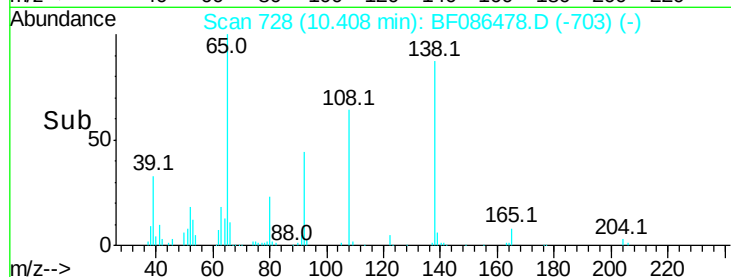
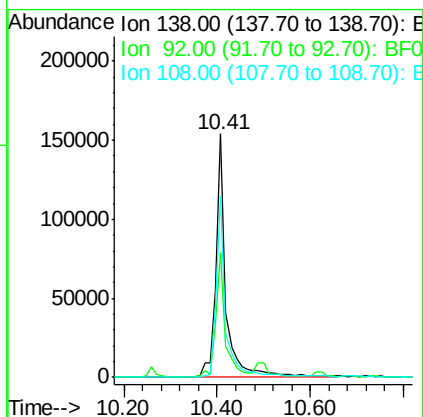
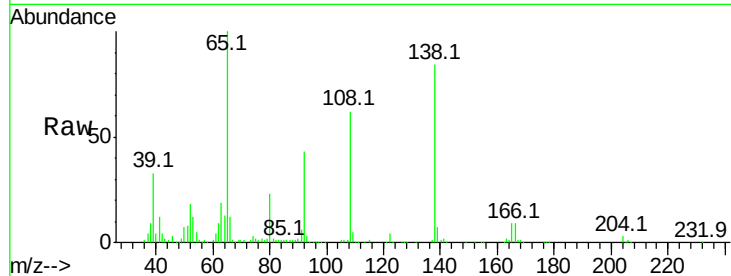
#61
4-Nitroaniline
Concen: 47.99 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF086478.D
Acq: 28 Apr 2016 22:23

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

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.0	24.7	64.7
108	74.1	37.4	77.4

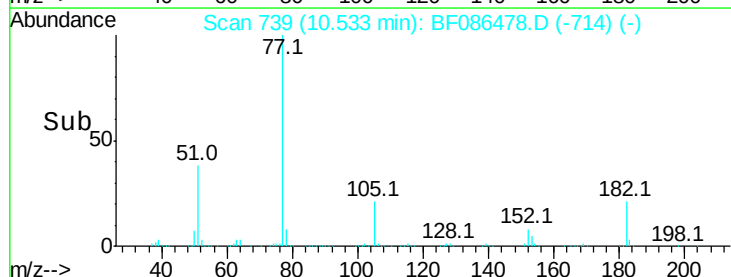
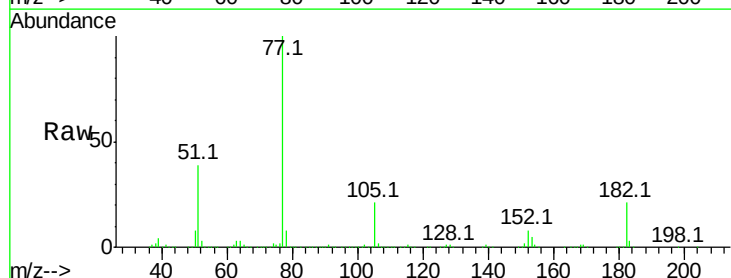
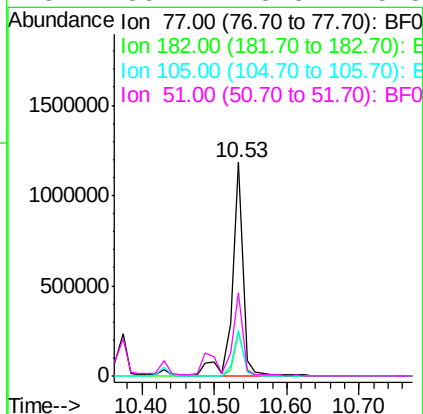
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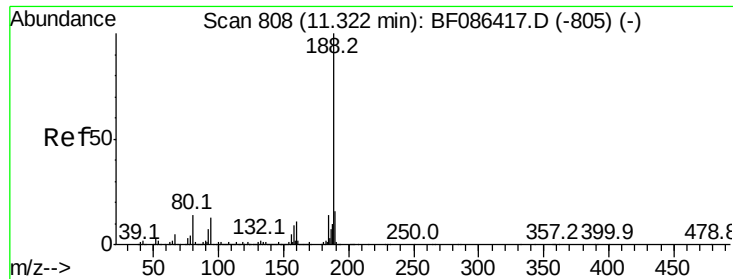
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#62
Azobenzene
Concen: 54.84 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF086478.D
Acq: 28 Apr 2016 22:23

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.7	0.0	38.8
105	21.4	3.2	43.2
51	38.7	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: BF086478.D

Acq: 28 Apr 2016 22:23

Instrument :

BNA_F

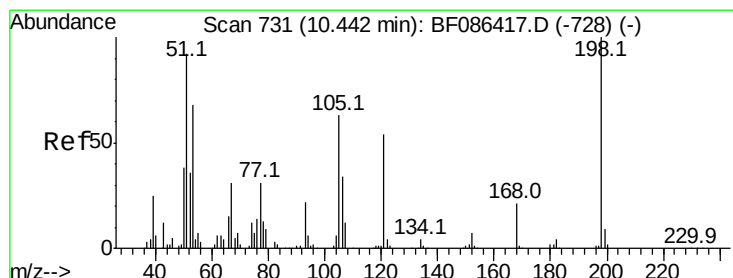
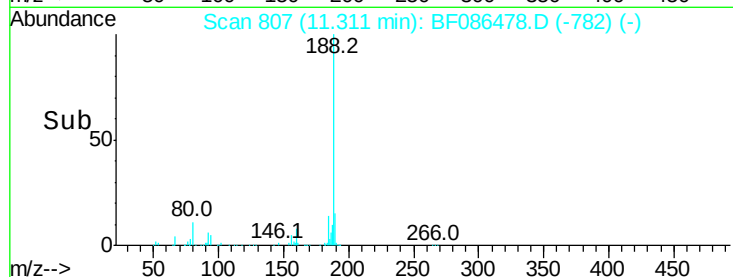
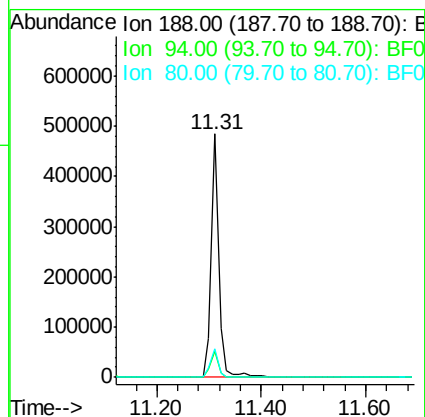
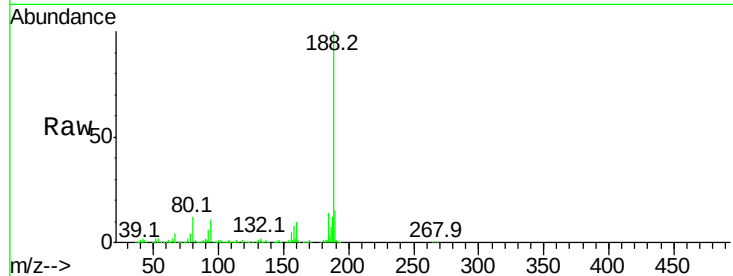
ClientSampleId :

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

Tot Ion:	188	Resp:	487804
Ion Ratio	Lower	Upper	
188	100		
94	10.9	6.8	10.2#
80	12.0	7.1	10.7#

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#64

4,6-Dinitro-2-methylphenol

Concen: 33.88 ng

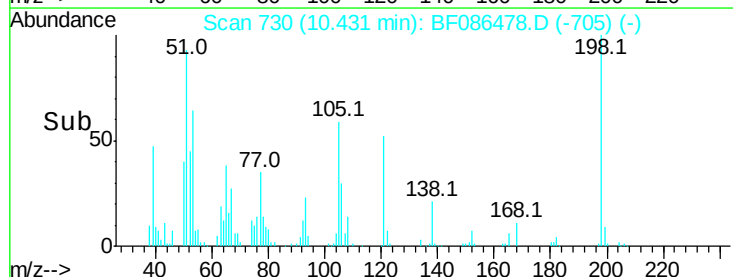
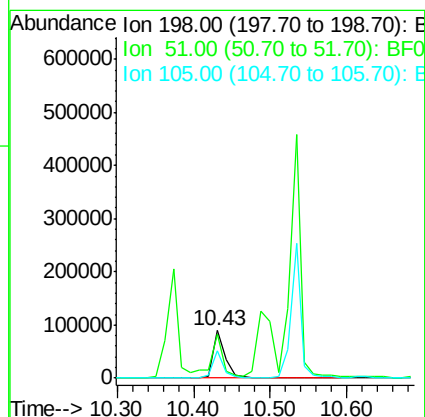
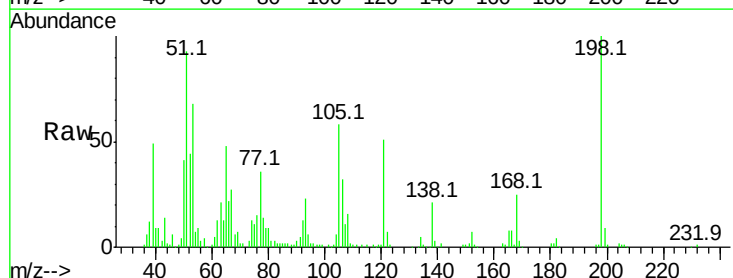
RT: 10.43 min Scan# 730

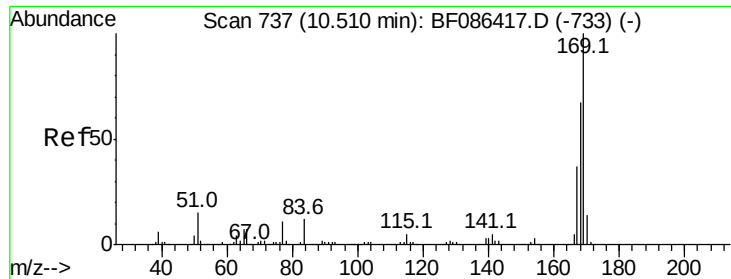
Delta R.T. -0.01 min

Lab File: BF086478.D

Acq: 28 Apr 2016 22:23

Tgt Ion:	198	Resp:	97033
Ion Ratio	Lower	Upper	
198	100		
51	92.5	20.5	60.5#
105	57.7	24.5	64.5





#65

n-Nitrosodiphenylamine

Concen: 55.63 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF086478.D

Acq: 28 Apr 2016 22:23

Instrument :

BNA_F

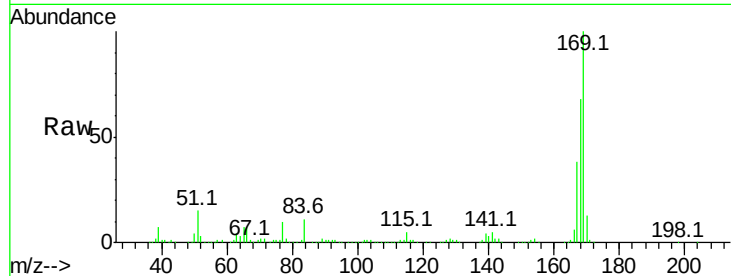
ClientSampleId :

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

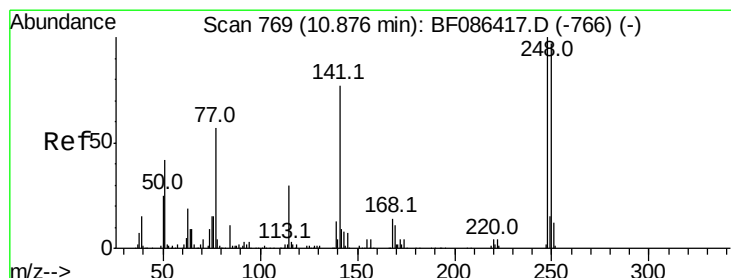
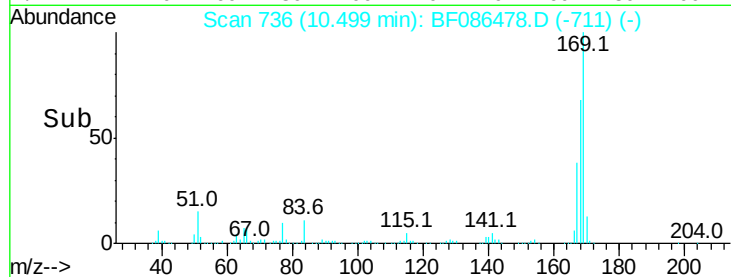
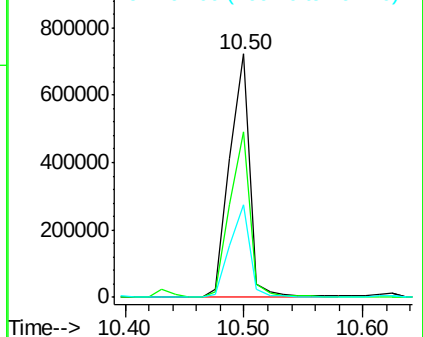
Tot Ion:	169	Resp:	848168
Ion Ratio	Lower	Upper	
169	100		
168	68.1	53.8	80.6
167	37.8	29.5	44.3

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



#66

4-Bromophenyl-phenylether

Concen: 52.27 ng

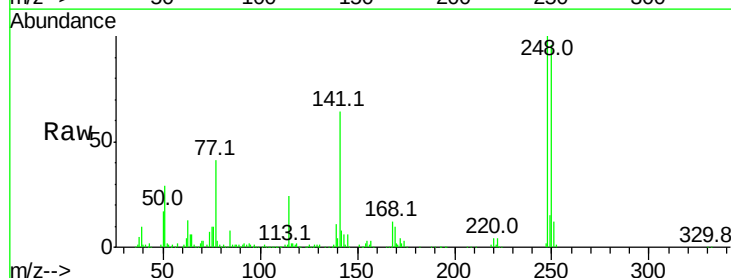
RT: 10.86 min Scan# 768

Delta R.T. -0.01 min

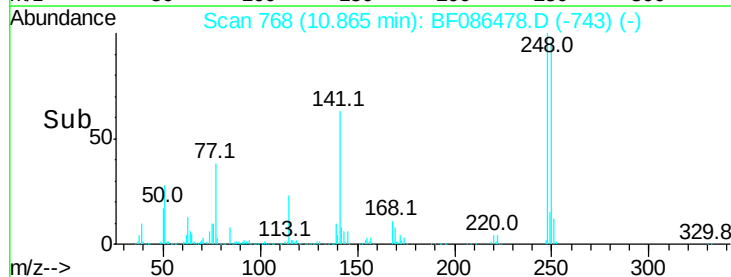
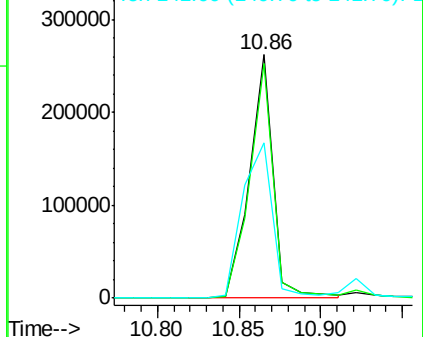
Lab File: BF086478.D

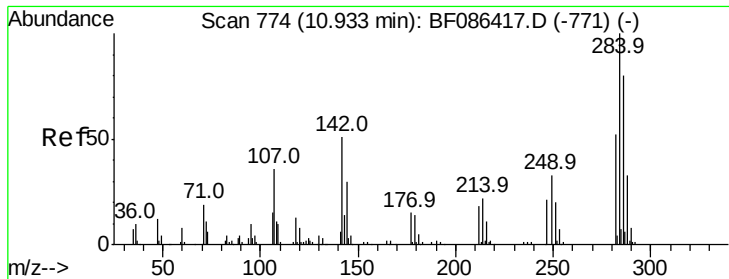
Acq: 28 Apr 2016 22:23

Tgt Ion:	248	Resp:	262749
Ion Ratio	Lower	Upper	
248	100		
250	96.2	78.6	117.8
141	63.6	76.0	114.0



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





#67

Hexachlorobenzene

Concen: 46.27 ng

RT: 10.92 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF086478.D

Acq: 28 Apr 2016 22:23

Instrument :

BNA_F

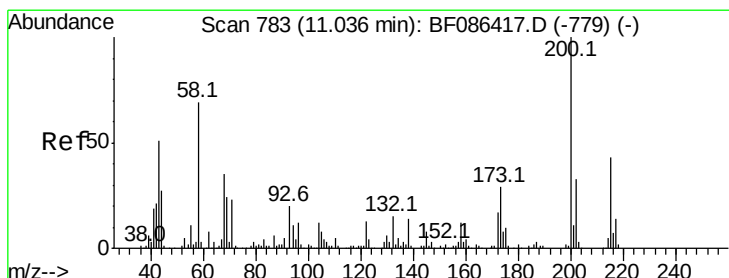
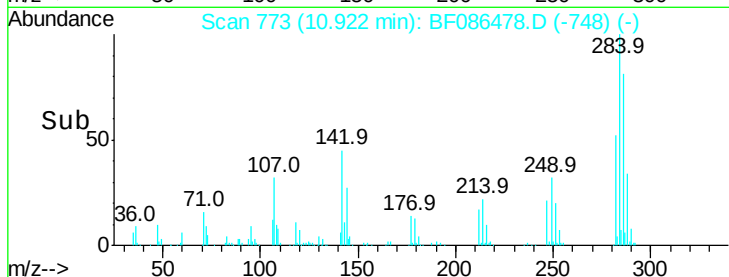
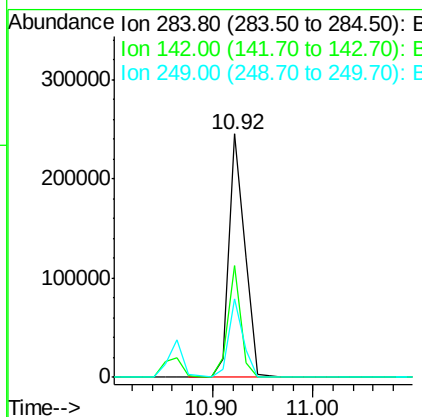
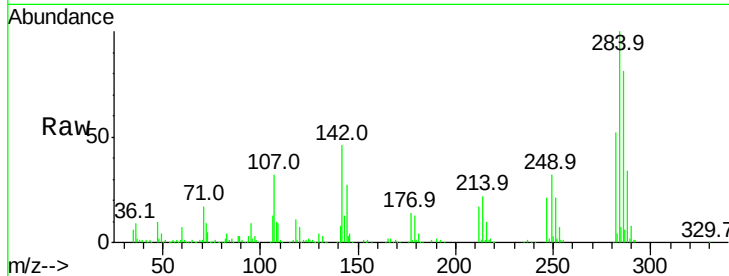
ClientSampleId :

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

Tot Ion:	284	Resp:	269180
Ion Ratio	Lower	Upper	
284	100		
142	46.0	16.7	25.1#
249	32.3	21.3	31.9#

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#68

Atrazine

Concen: 53.40 ng

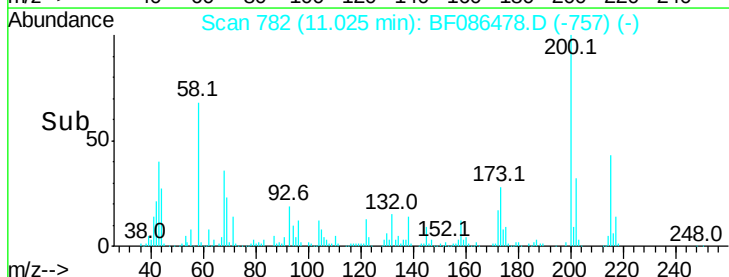
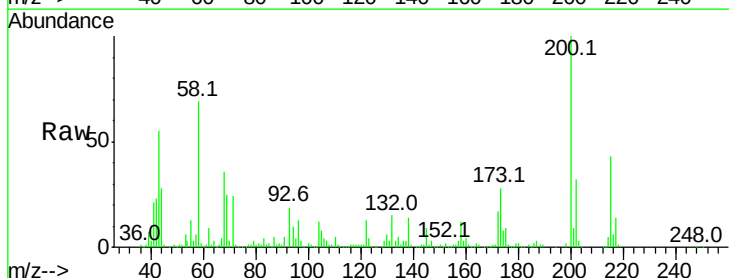
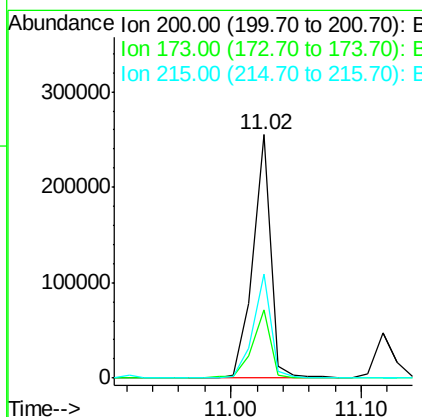
RT: 11.02 min Scan# 782

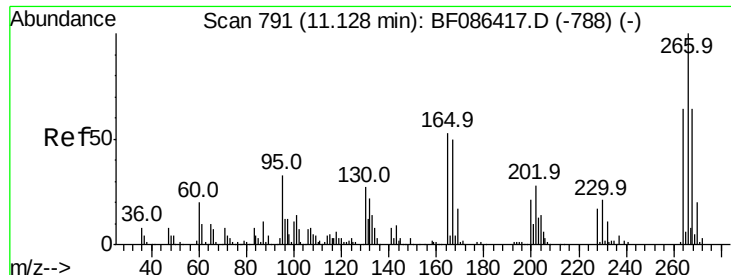
Delta R.T. -0.01 min

Lab File: BF086478.D

Acq: 28 Apr 2016 22:23

Tgt Ion:	200	Resp:	244465
Ion Ratio	Lower	Upper	
200	100		
173	27.9	8.5	48.5
215	42.6	27.2	67.2





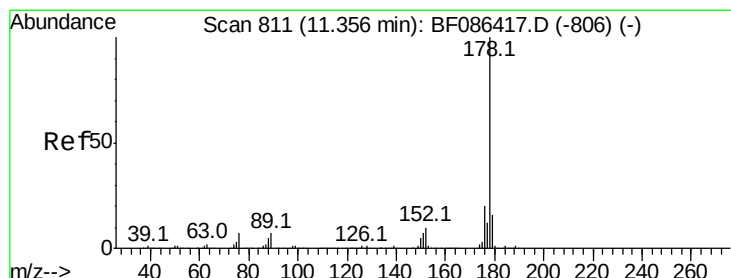
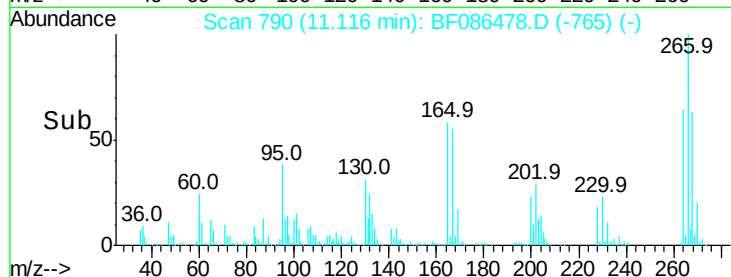
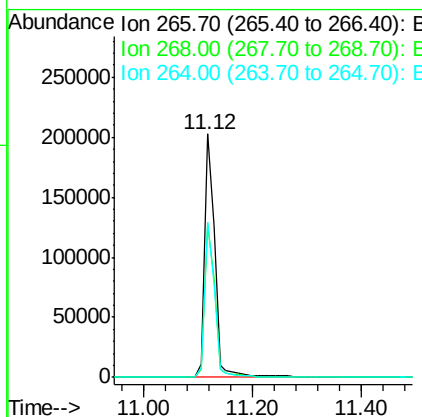
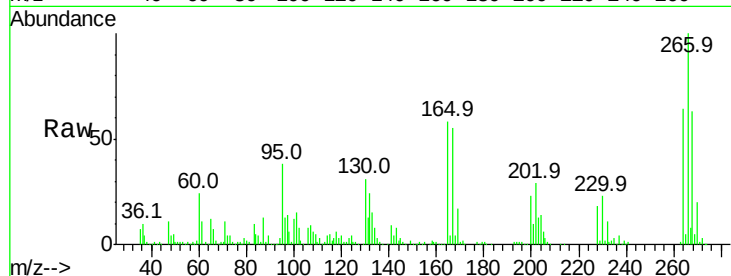
#69
 Pentachlorophenol
 Concen: 84.52 ng
 RT: 11.12 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF086478.D
 Acq: 28 Apr 2016 22:23

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

Tot Ion	Ratio	Resp	Lower	Upper
266	100	259261		
268	62.8	51.5	77.3	
264	63.5	52.9	79.3	

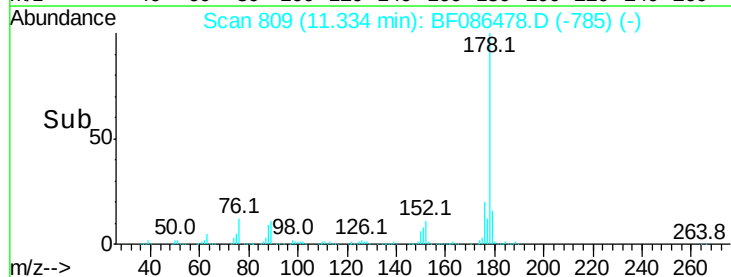
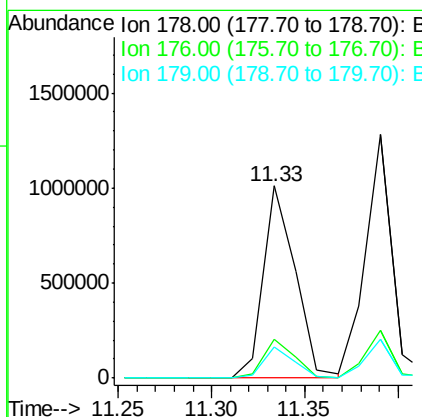
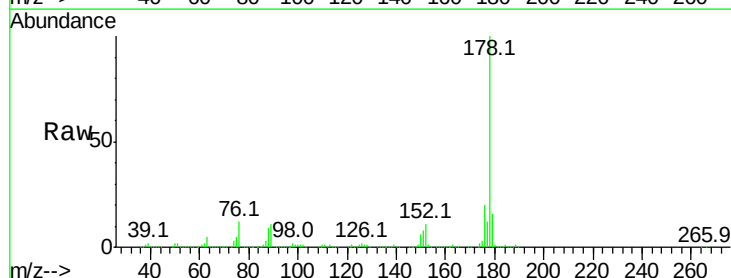
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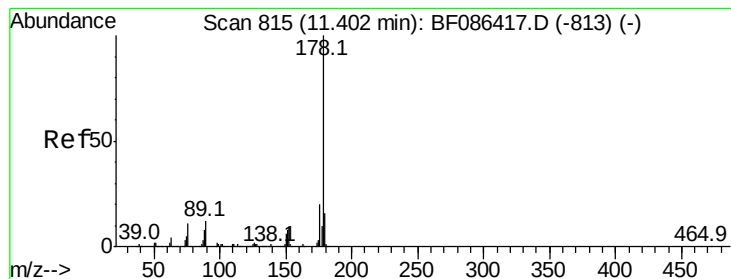
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#70
 Phenanthrene
 Concen: 46.61 ng
 RT: 11.33 min Scan# 809
 Delta R.T. -0.02 min
 Lab File: BF086478.D
 Acq: 28 Apr 2016 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1193087		
176	20.3	16.0	24.0	
179	15.9	12.6	18.8	





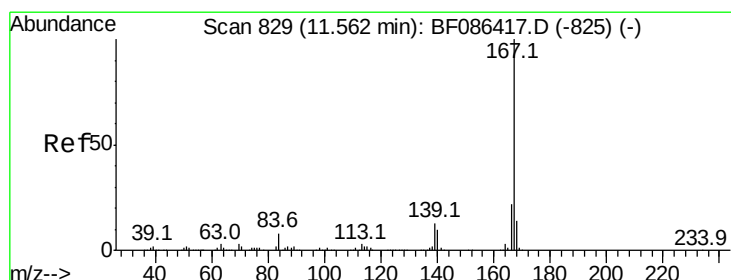
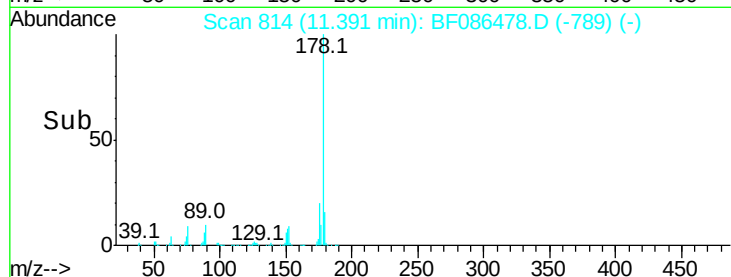
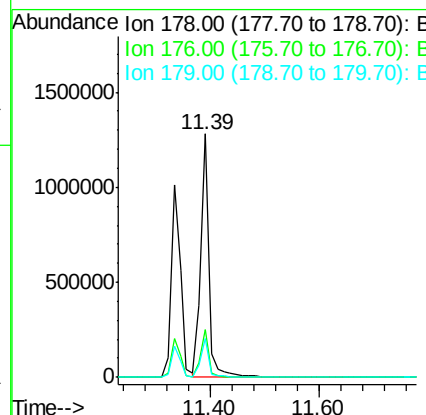
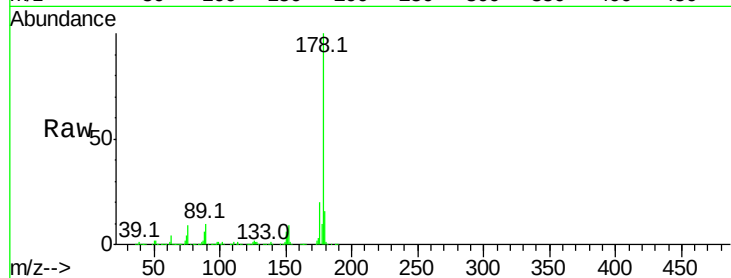
#71
 Anthracene
 Concen: 48.64 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF086478.D
 Acq: 28 Apr 2016 22:23

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

Tot Ion:178 Resp: 1328782
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.6 23.4
 179 15.8 12.7 19.1

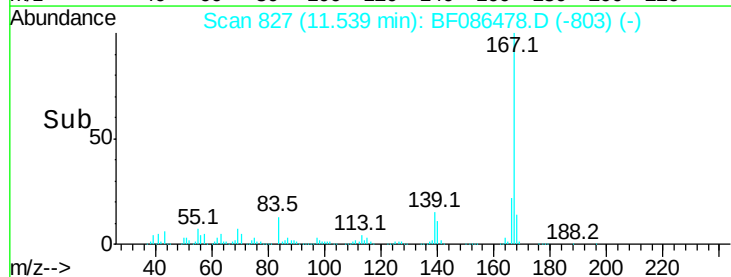
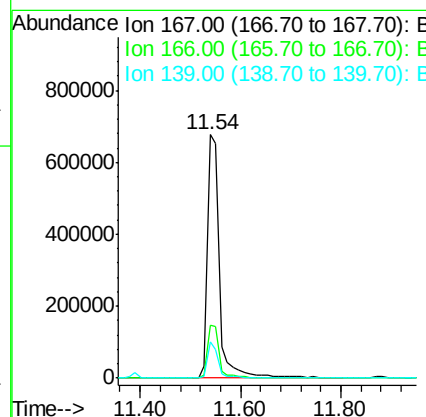
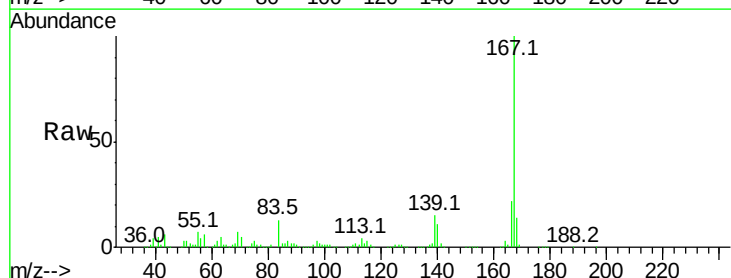
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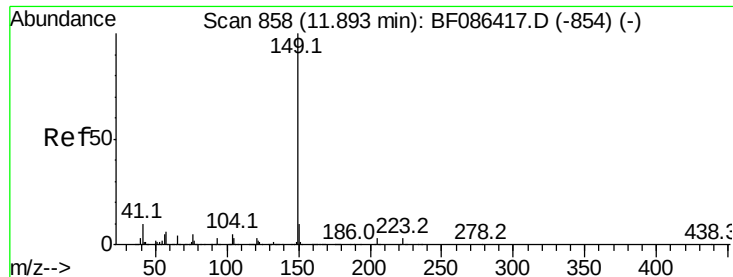
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#72
 Carbazole
 Concen: 46.57 ng
 RT: 11.54 min Scan# 827
 Delta R.T. -0.02 min
 Lab File: BF086478.D
 Acq: 28 Apr 2016 22:23

Tgt Ion:167 Resp: 1127693
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.7 26.5
 139 14.9 10.8 16.2





#73

Di-n-butylphthalate

Concen: 55.56 ng

RT: 11.88 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF086478.D

Acq: 28 Apr 2016 22:23

Instrument :

BNA_F

ClientSampleId :

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

Tot Ion:149 Resp: 1523949

Ion Ratio Lower Upper

149 100

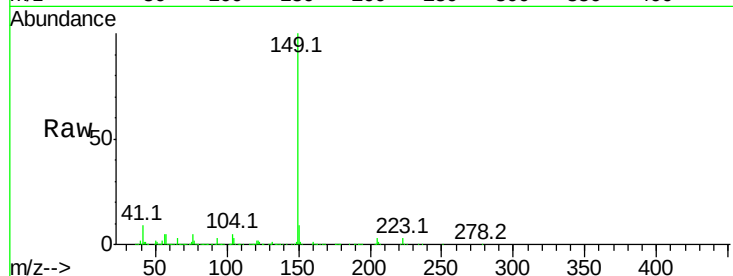
150 9.4 7.6 11.4

104 5.3 3.8 5.6

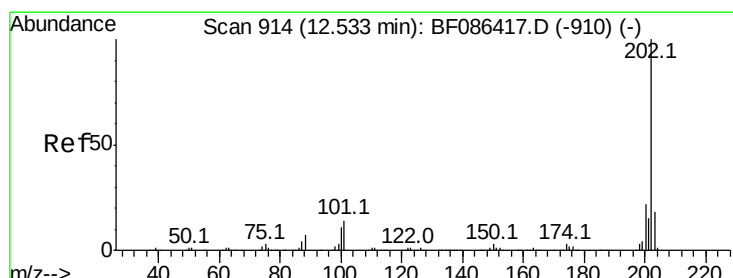
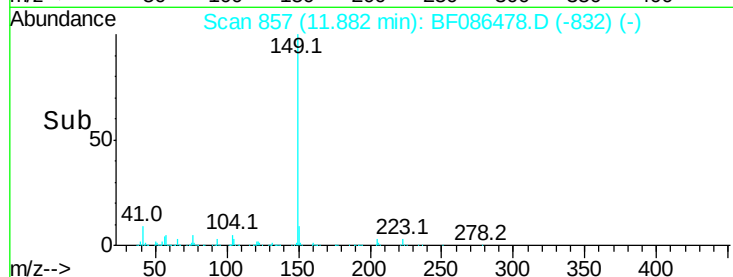
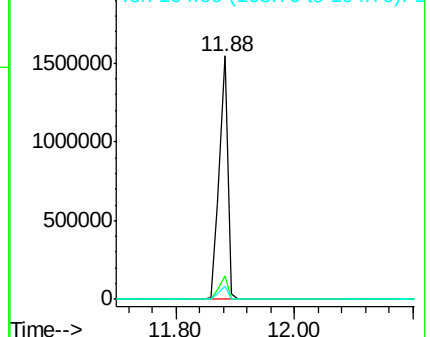
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 46.42 ng

RT: 12.52 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF086478.D

Acq: 28 Apr 2016 22:23

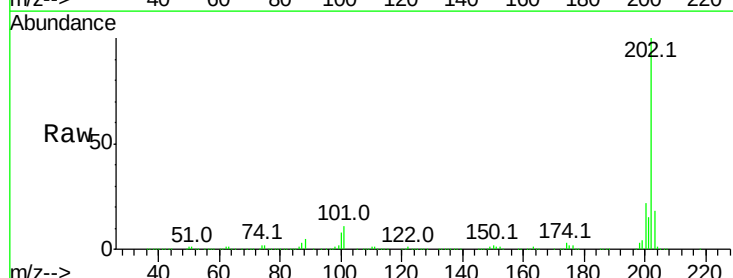
Tgt Ion:202 Resp: 1199598

Ion Ratio Lower Upper

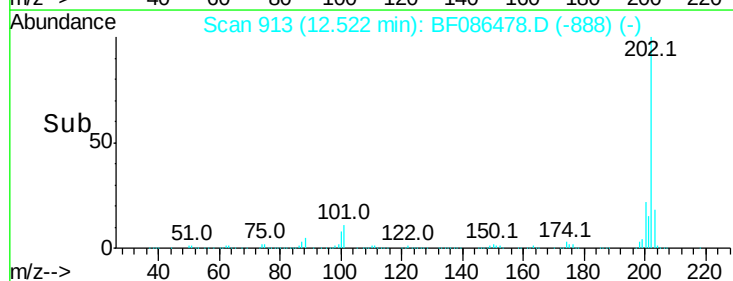
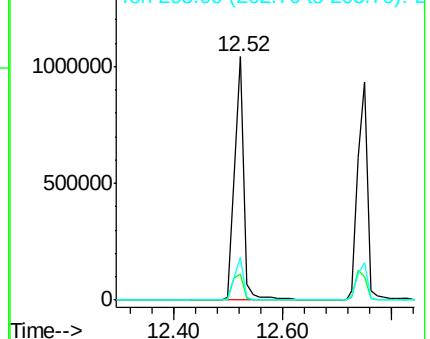
202 100

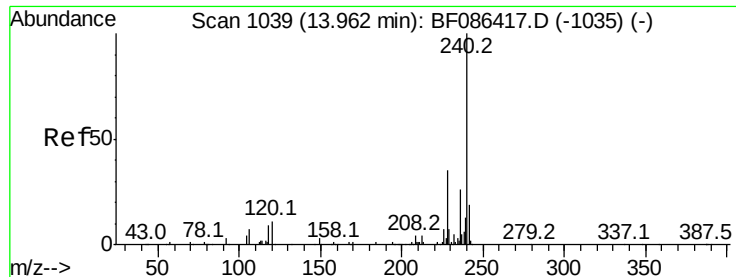
101 10.8 0.0 35.4

203 17.6 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: BF086478.D

Acq: 28 Apr 2016 22:23

Instrument :

BNA_F

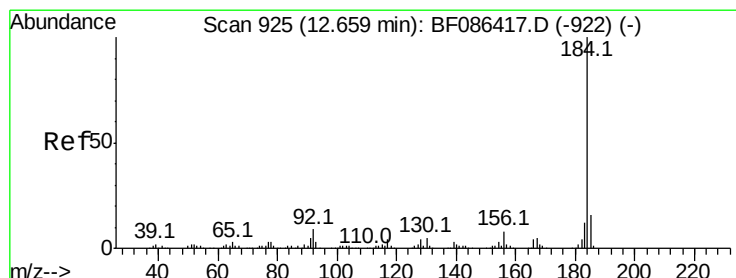
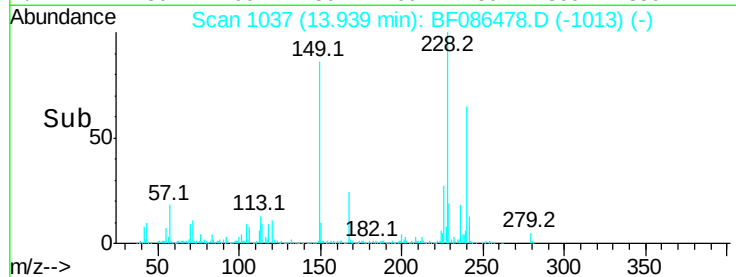
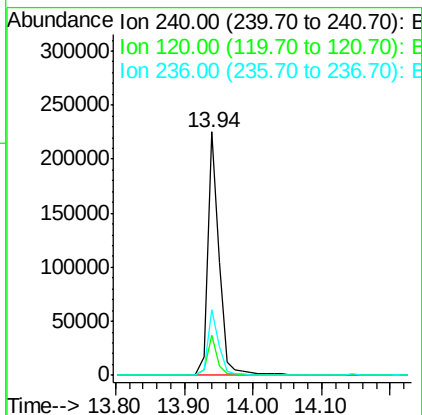
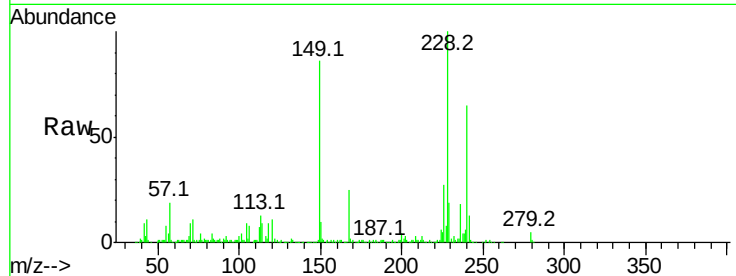
ClientSampleId :

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

Tot Ion:	240	Resp:	261963
Ion Ratio	Lower	Upper	
240	100		
120	16.4	11.2	16.8
236	26.8	21.2	31.8

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#76

Benzidine

Concen: 35.61 ng

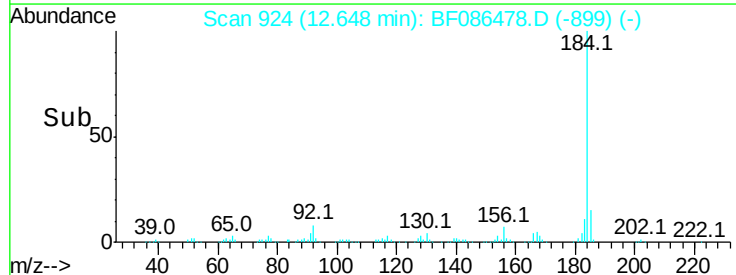
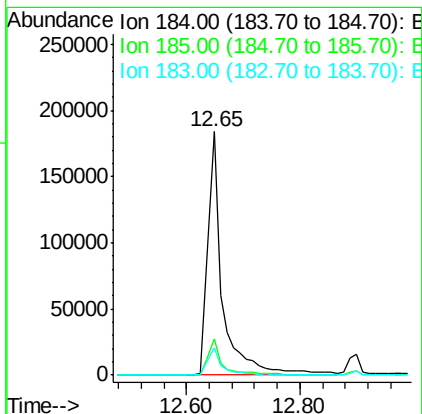
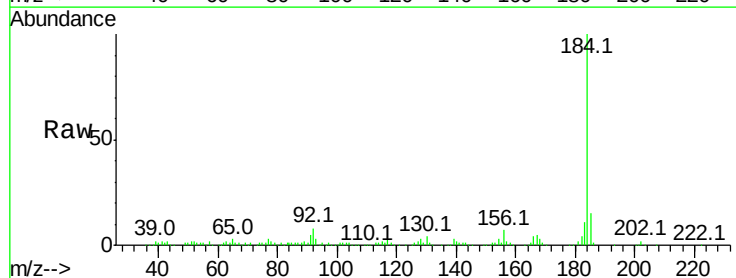
RT: 12.65 min Scan# 924

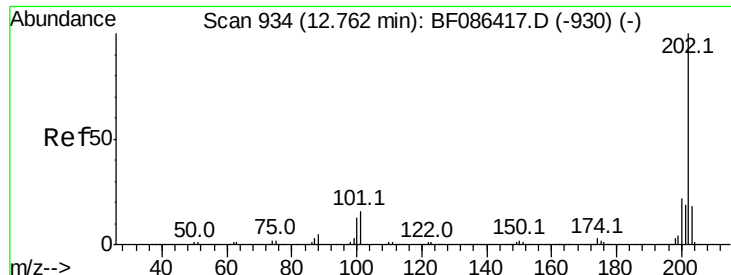
Delta R.T. -0.01 min

Lab File: BF086478.D

Acq: 28 Apr 2016 22:23

Tgt Ion:	184	Resp:	320599
Ion Ratio	Lower	Upper	
184	100		
185	14.7	13.6	20.4
183	11.4	9.8	14.6





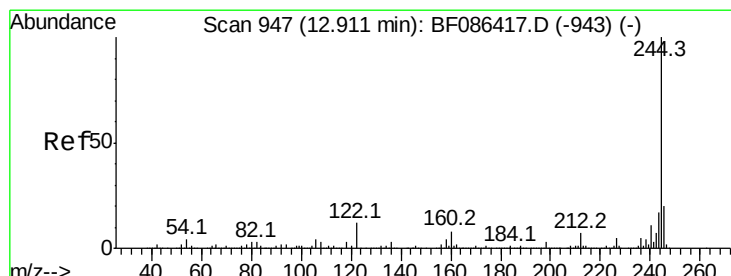
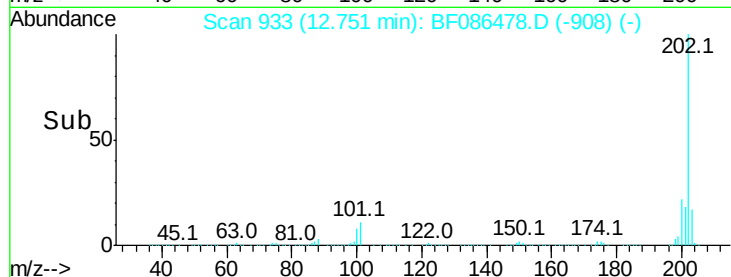
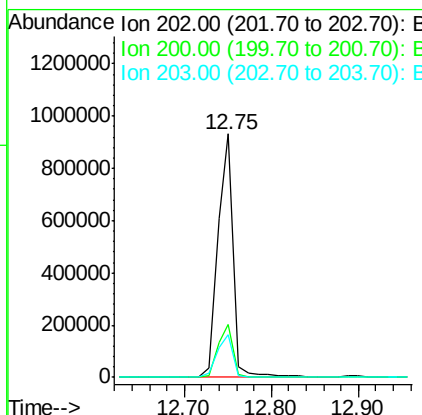
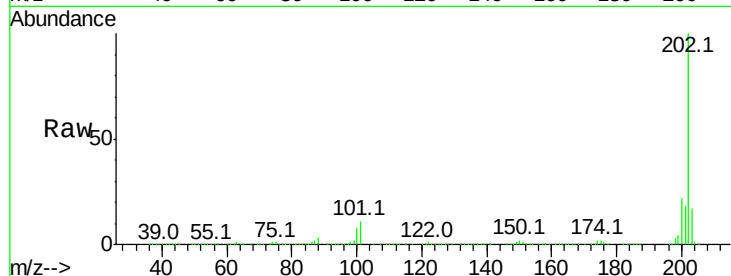
#77
Pvrene
Concen: 60.69 ng
RT: 12.75 min Scan# 933
Delta R.T. -0.01 min
Lab File: BF086478.D
Acq: 28 Apr 2016 22:23

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

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.7	26.5
203	17.4	14.2	21.4

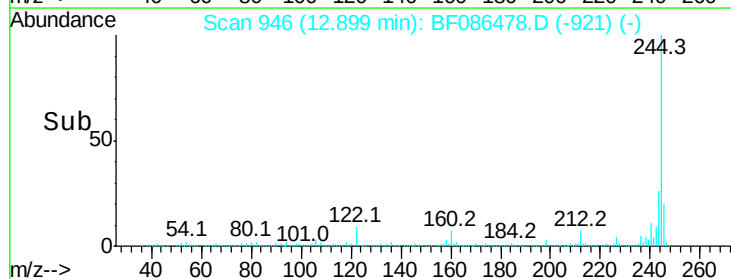
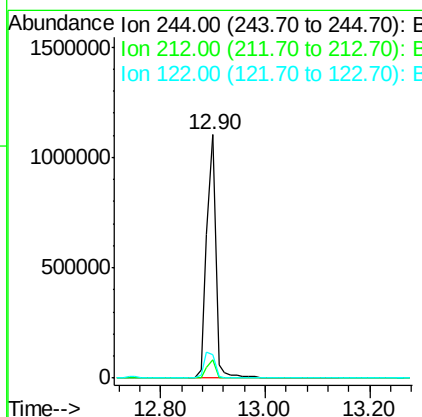
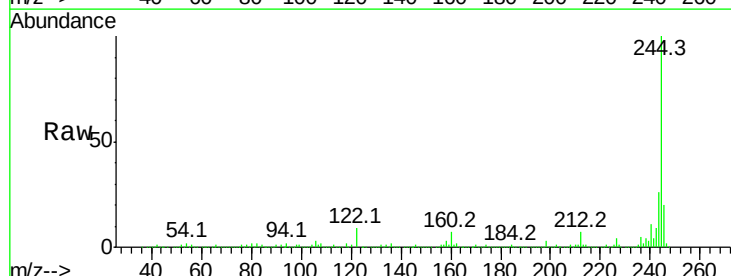
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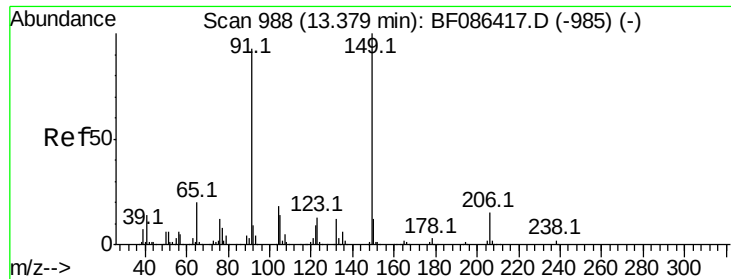
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#78
Terphenyl-d14
Concen: 112.98 ng
RT: 12.90 min Scan# 946
Delta R.T. -0.01 min
Lab File: BF086478.D
Acq: 28 Apr 2016 22:23

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.2	9.2
122	9.4	12.0	18.0#





#79

Butylbenzylphthalate

Concen: 57.48 ng

RT: 13.37 min Scan# 987

Delta R.T. -0.01 min

Lab File: BF086478.D

Acq: 28 Apr 2016 22:23

Instrument :

BNA_F

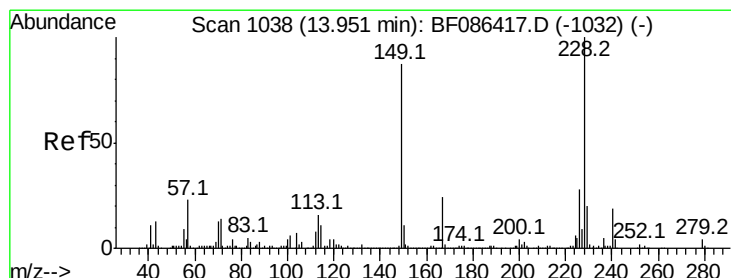
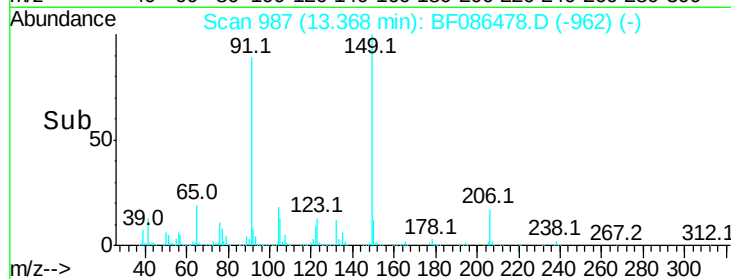
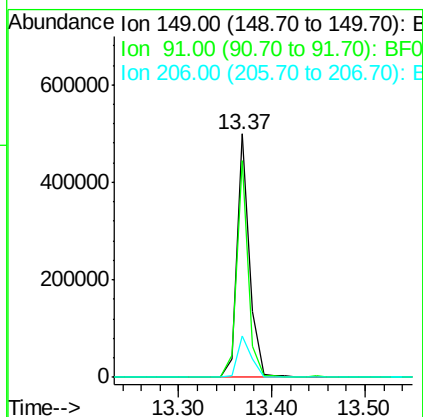
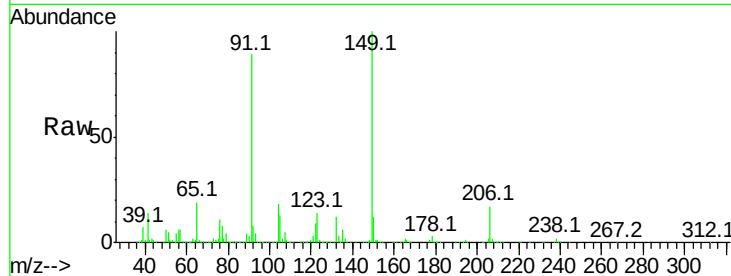
ClientSampleId :

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

Tot Ion:	149	Resp:	469870
Ion Ratio	Lower	Upper	
149	100		
91	89.0	48.0	72.0#
206	16.9	15.8	23.6

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#80

Benzo(a)anthracene

Concen: 53.29 ng

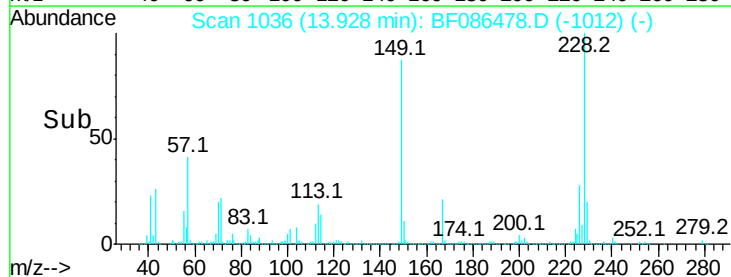
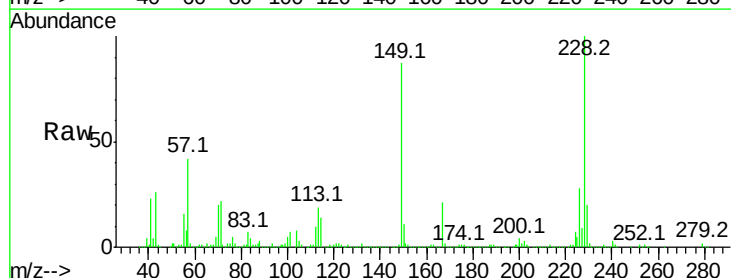
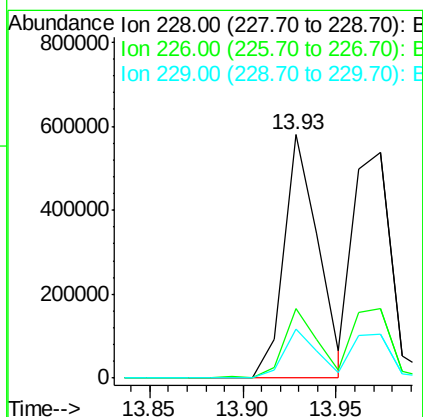
RT: 13.93 min Scan# 1036

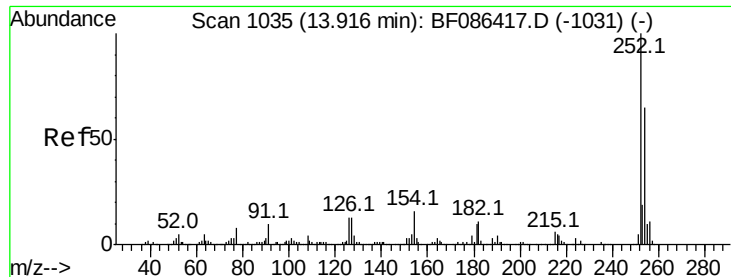
Delta R.T. -0.02 min

Lab File: BF086478.D

Acq: 28 Apr 2016 22:23

Tgt Ion:	228	Resp:	744270
Ion Ratio	Lower	Upper	
228	100		
226	28.3	22.5	33.7
229	20.3	16.6	25.0





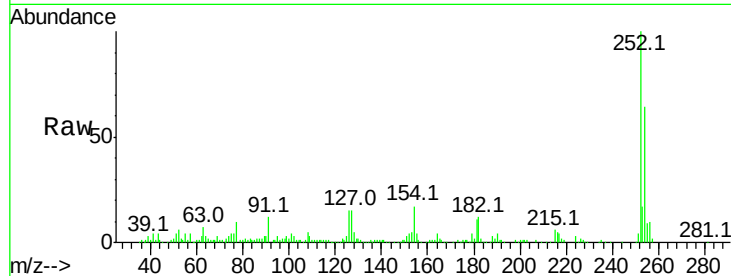
#81
 3,3'-Dichlorobenzidine
 Concen: 21.16 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. -0.02 min
 Lab File: BF086478.D
 Acq: 28 Apr 2016 22:23

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

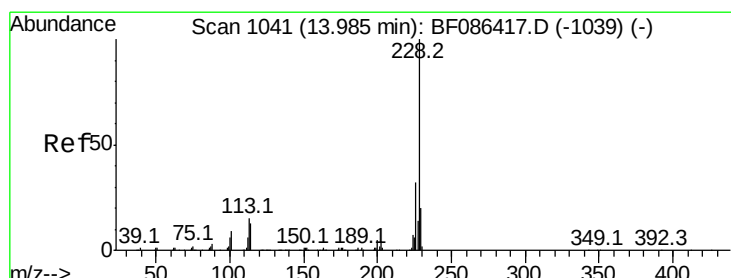
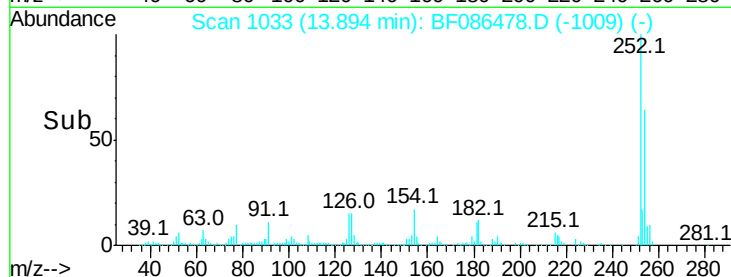
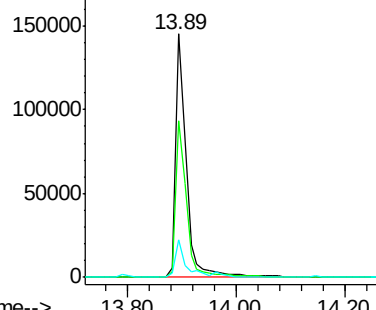
Tot Ion:	252	Resp:	197546
Ion Ratio	Lower	Upper	
252	100		
254	64.3	50.7	76.1
126	15.3	12.7	19.1

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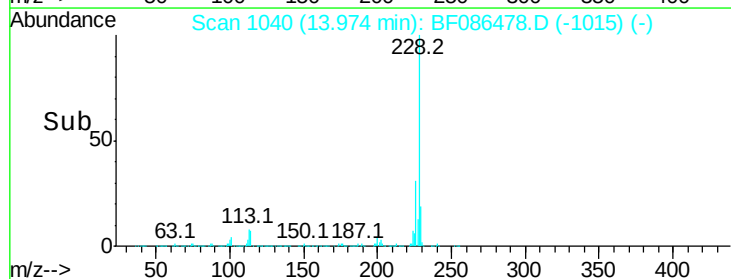
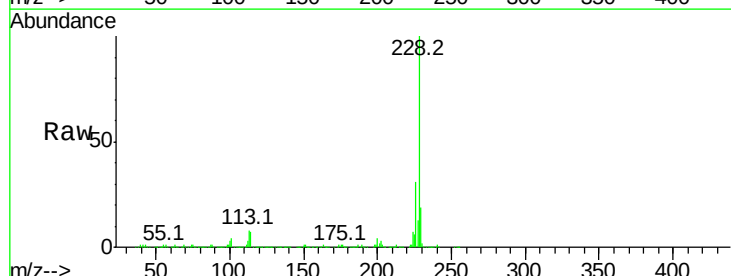
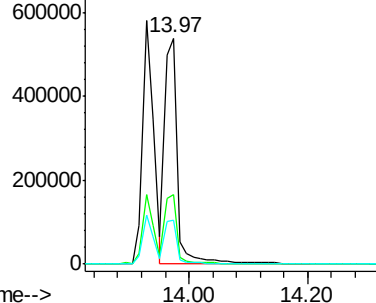
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

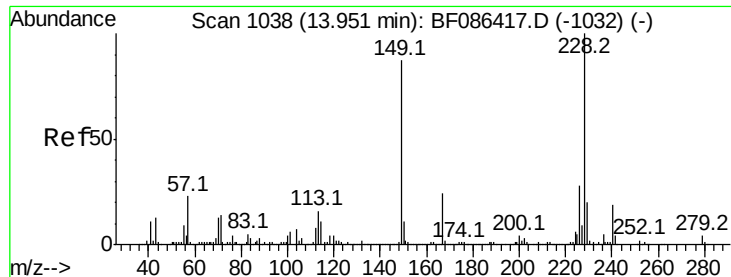


#82
 Chrysene
 Concen: 53.73 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BF086478.D
 Acq: 28 Apr 2016 22:23

Tgt Ion:	228	Resp:	815618
Ion Ratio	Lower	Upper	
228	100		
226	30.9	24.4	36.6
229	19.4	15.8	23.8

Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 56.51 ng

RT: 13.93 min Scan# 1036

Delta R.T. -0.02 min

Lab File: BF086478.D

Acq: 28 Apr 2016 22:23

Instrument :

BNA_F

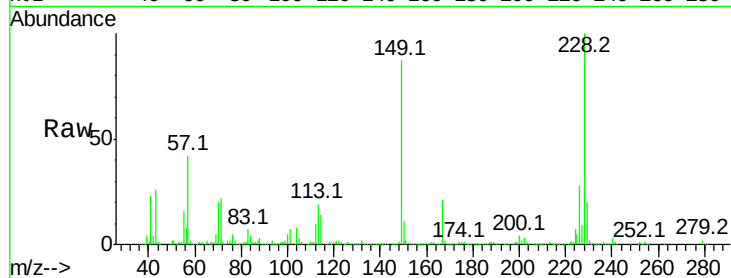
ClientSampleId :

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

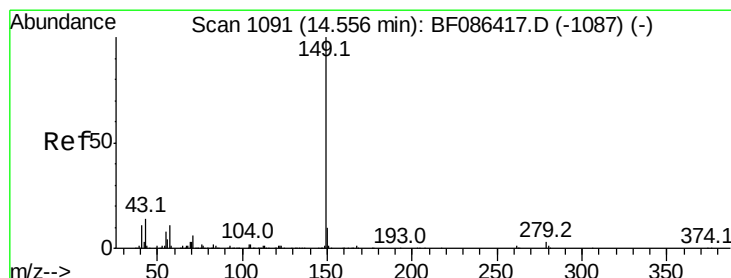
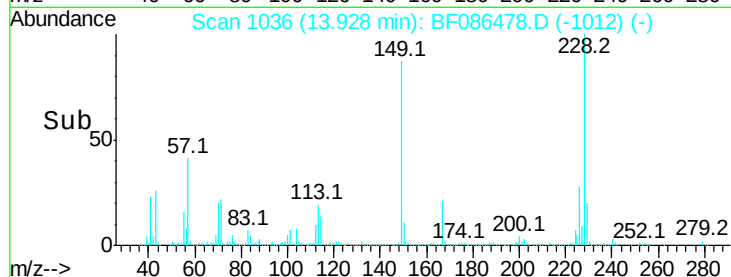
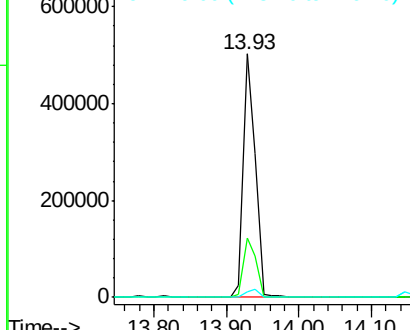
Tot Ion:	149	Resp:	573412
Ion Ratio	Lower	Upper	
149	100		
167	24.6	21.8	32.6
279	2.2	2.6	4.0#

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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: 66.67 ng

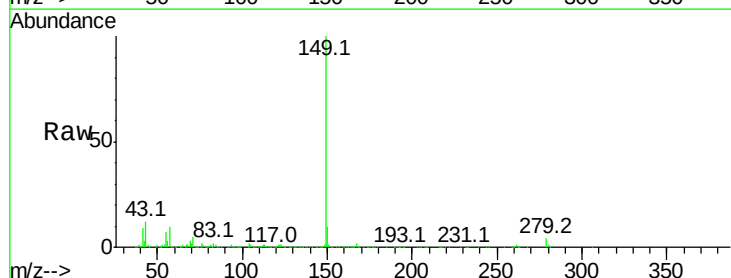
RT: 14.55 min Scan# 1090

Delta R.T. -0.01 min

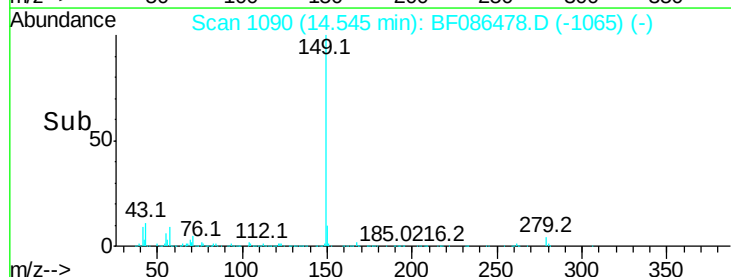
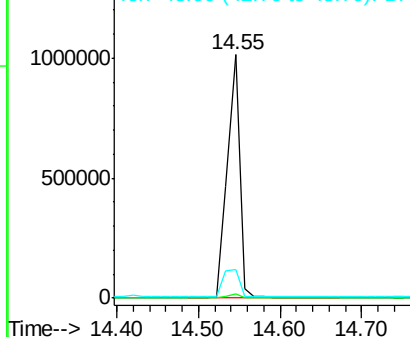
Lab File: BF086478.D

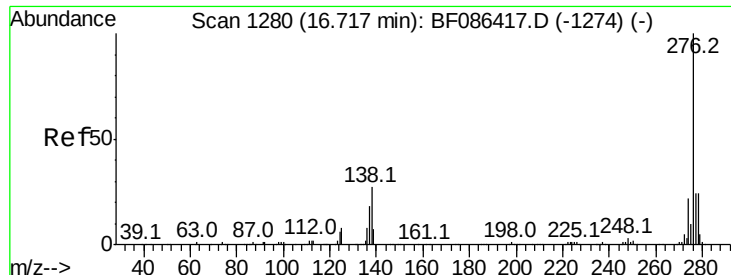
Acq: 28 Apr 2016 22:23

Tgt Ion:	149	Resp:	1059541
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	15.2	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





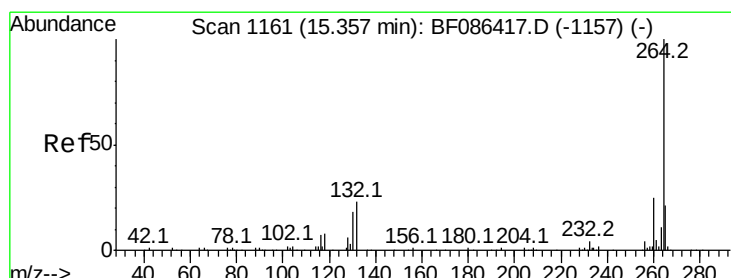
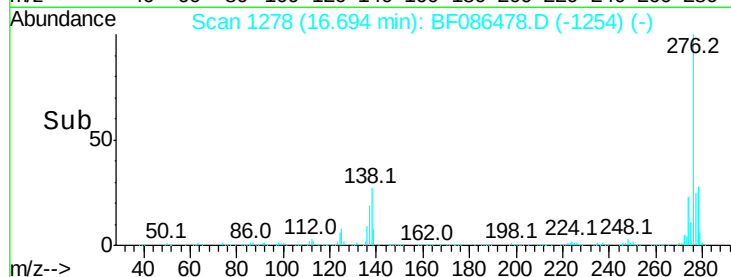
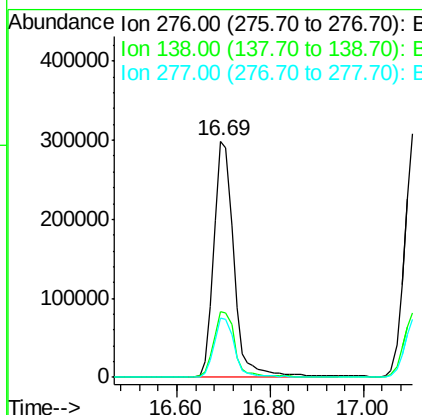
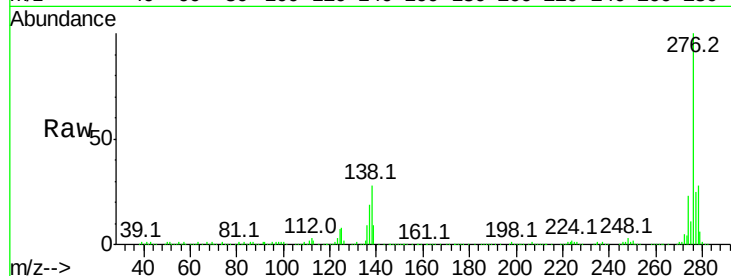
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 79.93 ng
 RT: 16.69 min Scan# 1278
 Delta R.T. -0.02 min
 Lab File: BF086478.D
 Acq: 28 Apr 2016 22:23

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

Tot Ion	Ratio	Resp	Lower	Upper
276	100	899167		
138	29.1	25.6	38.4	
277	26.1	20.5	30.7	

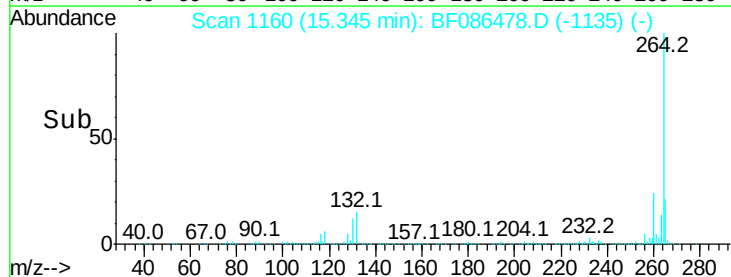
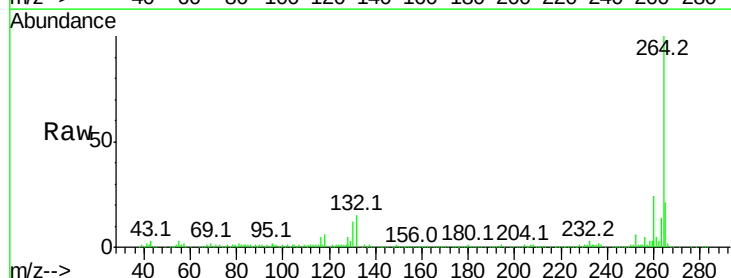
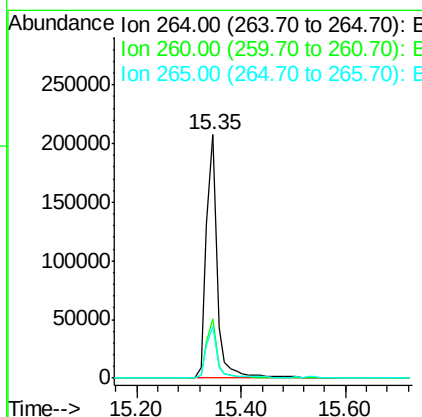
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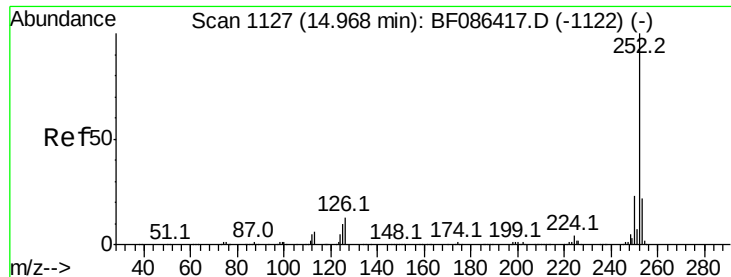
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.35 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF086478.D
 Acq: 28 Apr 2016 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	303595		
260	24.3	19.5	29.3	
265	21.4	17.3	25.9	





#87

Benzo(b)fluoranthene

Concen: 43.54 ng m

RT: 14.95 min Scan# 1125

Delta R.T. -0.02 min

Lab File: BF086478.D

Acq: 28 Apr 2016 22:23

Instrument :

BNA_F

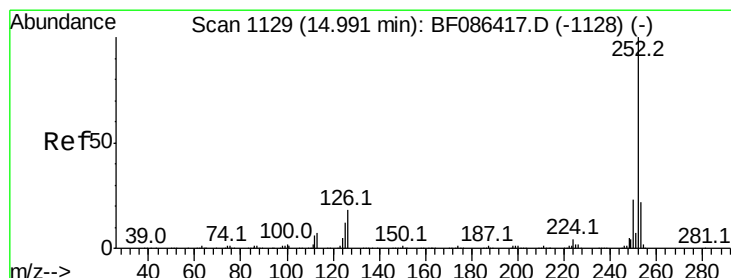
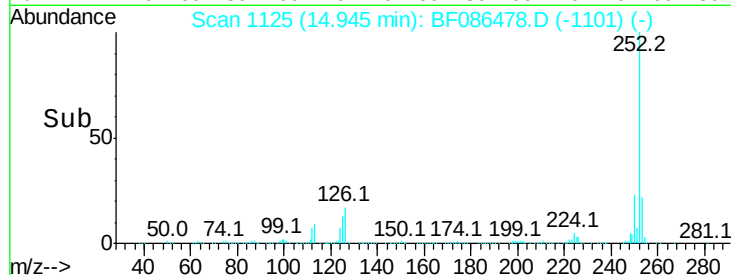
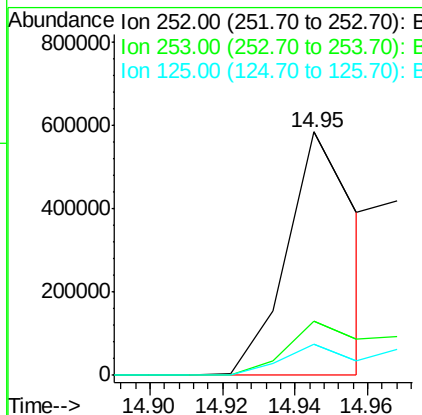
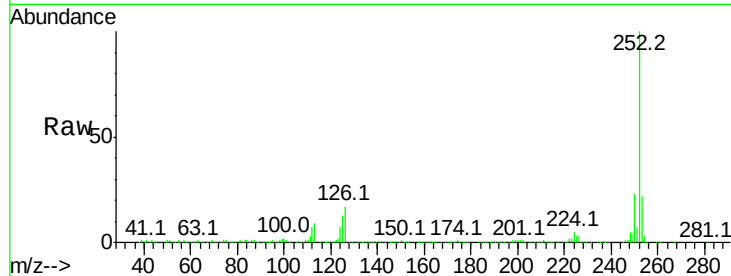
ClientSampleId :

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

Tot Ion	Ratio	Resp	Lower	Upper
252	100	777646		
253	22.4		17.8	26.6
125	12.8		11.4	17.0

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#88

Benzo(k)fluoranthene

Concen: 50.16 ng m

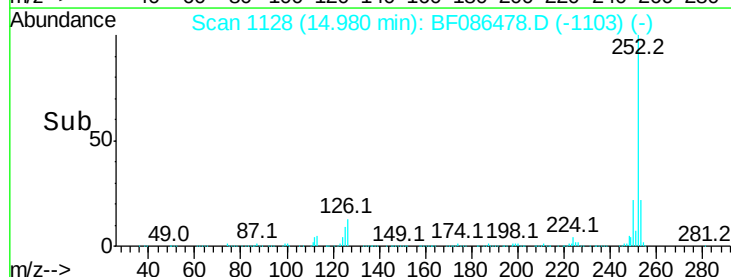
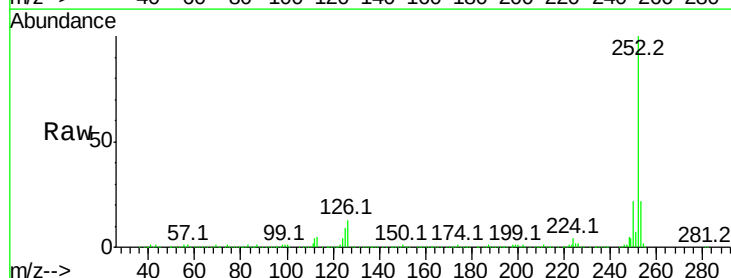
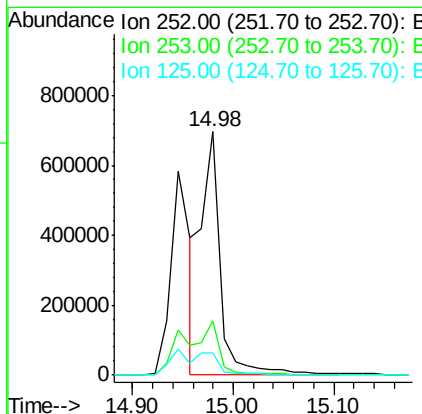
RT: 14.98 min Scan# 1128

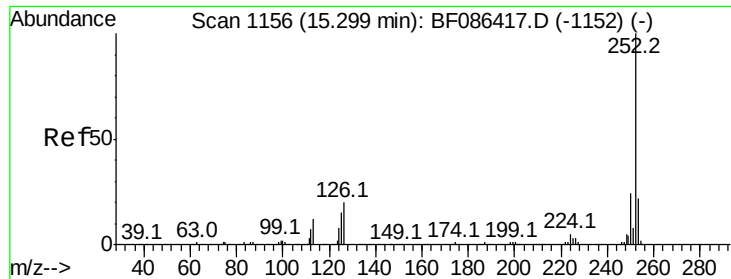
Delta R.T. -0.01 min

Lab File: BF086478.D

Acq: 28 Apr 2016 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	934526		
253	22.1		17.8	26.6
125	9.2		9.1	13.7





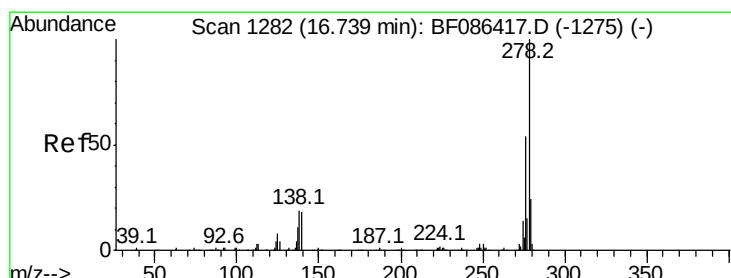
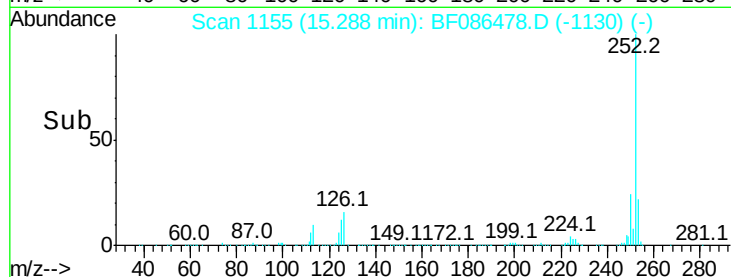
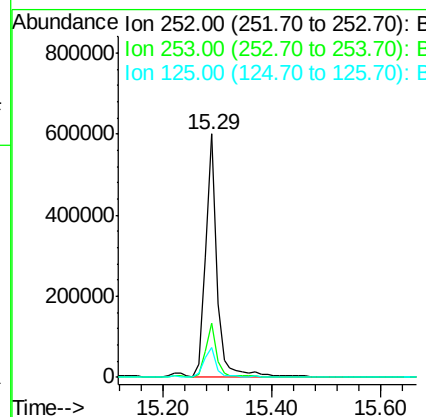
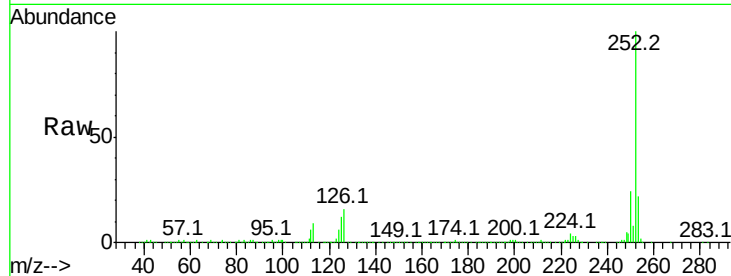
#89
Benzo(a)pyrene
Concen: 50.42 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF086478.D
Acq: 28 Apr 2016 22:23

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

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
253	22.0	17.2	25.8	
125	12.1	9.0	13.6	

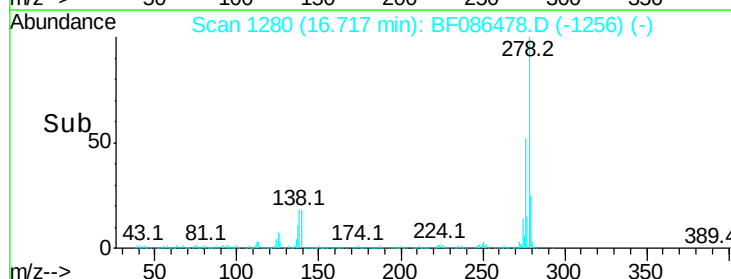
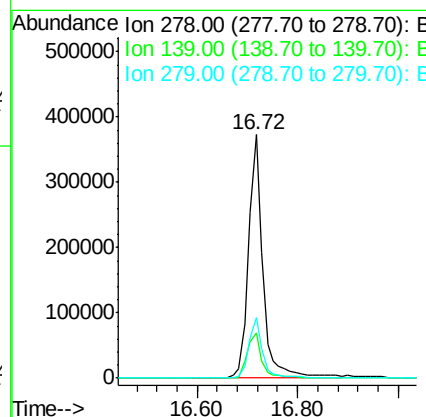
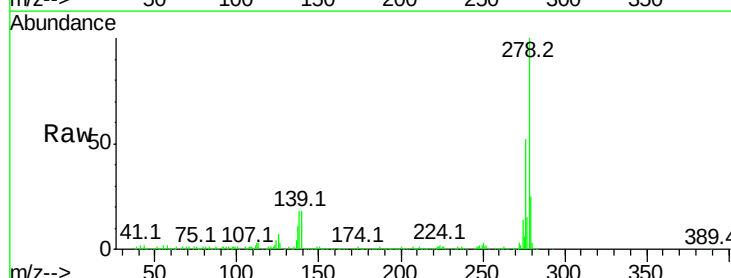
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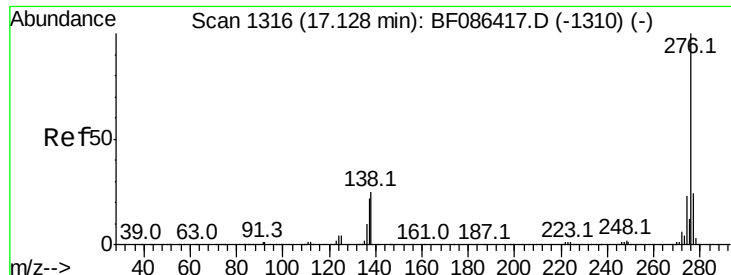
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#90
Dibenzo(a,h)anthracene
Concen: 54.18 ng
RT: 16.72 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF086478.D
Acq: 28 Apr 2016 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
278	100			
139	18.3	16.6	24.8	
279	24.9	19.6	29.4	





#91
 Benzo(a,h,i)perylene
 Concen: 52.14 ng
 RT: 17.11 min Scan# 1314
 Delta R.T. -0.02 min
 Lab File: BF086478.D
 Acq: 28 Apr 2016 22:23

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

Tot Ion:	276	Resp:	721057
Ion Ratio		Lower	Upper
276	100		
277	23.8	19.6	29.4
138	26.3	23.6	35.4

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