

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
 Data File : BF086978.D
 Acq On : 13 May 2016 18:38
 Operator : UM/SJ
 Sample : PB90587BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90587BS

Manual Integrations
 APPROVED

sohil
 5/14/2016 10:00:28 AM

Quant Time: May 13 23:05:54 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 13 23:02:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	141975	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	591333	20.00	ng	0.00
38) Acenaphthene-d10	9.66	164	301793	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	590485	20.00	ng	0.00
75) Chrysene-d12	13.76	240	487531	20.00	ng	0.00
86) Perylene-d12	15.11	264	402731	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.21	112	992026	118.33	ng	0.01
7) Phenol-d6	6.28	99	1223548	109.20	ng	0.00
23) Nitrobenzene-d5	7.19	82	808385	68.64	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	379987	118.93	ng	0.00
44) 2-Fluorobiphenyl	8.98	172	1305083	72.68	ng	0.00
78) Terphenyl-d14	12.71	244	1427184	62.11	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.10	88	114206	27.75	ng	# 69
3) Pyridine	2.75	79	300060	29.82	ng	# 66
4) n-Nitrosodimethylamine	2.70	42	265530	36.39	ng	# 47
6) Aniline	6.28	93	335224	24.74	ng	# 45
8) 2-Chlorophenol	6.40	128	354846	35.08	ng	# 81
9) Benzaldehyde	6.16	77	29692	4.58	ng	91
10) Phenol	6.30	94	508482	38.18	ng	85
11) bis(2-Chloroethyl)ether	6.35	93	341776	32.91	ng	# 80
12) 1,3-Dichlorobenzene	6.55	146	351755m	32.13	ng	
13) 1,4-Dichlorobenzene	6.63	146	379399	33.98	ng	94
14) 1,2-Dichlorobenzene	6.79	146	331834	34.10	ng	95
15) Benzyl Alcohol	6.78	79	322704	41.71	ng	90
16) 2,2'-oxybis(1-Chloropropan	6.90	45	738289	32.70	ng	# 47
17) 2-Methylphenol	6.90	107	308259	38.29	ng	# 83
18) Hexachloroethane	7.12	117	138110	32.88	ng	98
19) n-Nitroso-di-n-propylamine	7.04	70	281569	35.96	ng	# 61
20) 3+4-Methylphenols	7.06	107	403010	38.33	ng	# 59
22) Acetophenone	7.04	105	521485	37.34	ng	# 97
24) Nitrobenzene	7.21	77	443187	36.58	ng	94
25) Isophorone	7.45	82	760434	34.80	ng	99
26) 2-Nitrophenol	7.53	139	186033	34.94	ng	97
27) 2,4-Dimethylphenol	7.59	122	331112	36.50	ng	94
28) bis(2-Chloroethoxy)methane	7.67	93	460662	39.09	ng	98
29) 2,4-Dichlorophenol	7.78	162	298742	37.42	ng	94
30) 1,2,4-Trichlorobenzene	7.85	180	322114	36.08	ng	98
31) Naphthalene	7.92	128	1000851	33.79	ng	99
32) Benzoic acid	7.74	122	197051	36.99	ng	91
33) 4-Chloroaniline	7.99	127	215057	18.69	ng	95
34) Hexachlorobutadiene	8.04	225	179887	34.73	ng	100
35) Caprolactam	8.36	113	103648m	38.16	ng	
36) 4-Chloro-3-methylphenol	8.49	107	353616	36.52	ng	91
37) 2-Methylnaphthalene	8.62	142	701467	40.51	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.79	216	288149	32.84	ng	98
40) Hexachlorocyclopentadiene	8.76	237	263124	63.18	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	194232	33.10	nq	96
43) 2,4,5-Trichlorophenol	8.96	196	204477	33.70	nq	92
45) 1,1'-Biphenyl	9.08	154	885495	36.89	nq	99
46) 2-Chloronaphthalene	9.11	162	648665	34.49	nq	98
47) 2-Nitroaniline	9.21	65	254058	36.96	nq #	76
48) Acenaphthylene	9.52	152	1033544	37.36	nq	98
49) Dimethylphthalate	9.39	163	781390	33.94	nq	99
50) 2,6-Dinitrotoluene	9.45	165	164784	34.01	nq #	64
51) Acenaphthene	9.69	154	638969	37.13	nq	98
52) 3-Nitroaniline	9.62	138	120582	23.64	nq	83
53) 2,4-Dinitrophenol	9.74	184	178288	72.77	nq #	83
54) Dibenzofuran	9.86	168	907112	41.07	nq	100
55) 4-Nitrophenol	9.82	139	249461	73.72	nq #	52
56) 2,4-Dinitrotoluene	9.86	165	247213	41.23	nq	92
57) Fluorene	10.19	166	691850	36.73	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.99	232	193587	42.38	nq	94
59) Diethylphthalate	10.09	149	801955	35.74	nq	98
60) 4-Chlorophenyl-phenylether	10.19	204	316110	36.84	nq	97
61) 4-Nitroaniline	10.24	138	185594	37.88	nq #	68
62) Azobenzene	10.35	77	938208	38.76	nq	87
64) 4,6-Dinitro-2-methylphenol	10.27	198	132109	36.01	nq	89
65) n-Nitrosodiphenylamine	10.32	169	662239	36.51	nq	99
66) 4-Bromophenyl-phenylether	10.68	248	211683	35.36	nq #	78
67) Hexachlorobenzene	10.74	284	229210	32.76	nq #	76
68) Atrazine	10.86	200	230299	38.00	nq	95
69) Pentachlorophenol	10.95	266	241749	74.76	nq	98
70) Phenanthrene	11.15	178	1114453	35.37	nq	99
71) Anthracene	11.21	178	1169851	36.30	nq	98
72) Carbazole	11.37	167	1124357	40.58	nq	100
73) Di-n-butylphthalate	11.70	149	1177904	34.82	nq #	99
74) Fluoranthene	12.33	202	1094226	33.76	nq	99
76) Benzidine	12.47	184	374641	30.14	nq	96
77) Pyrene	12.56	202	1142987	30.62	nq	100
79) Butylbenzylphthalate	13.19	149	502443	31.83	nq #	67
80) Benzo(a)anthracene	13.75	228	962824	35.18	nq	99
81) 3,3'-Dichlorobenzidine	13.71	252	224282	12.90	nq	99
82) Chrysene	13.78	228	923099	33.16	nq	99
83) Bis(2-ethylhexyl)phthalate	13.75	149	627172	33.03	nq #	94
84) Di-n-octyl phthalate	14.37	149	1198624	38.10	nq #	86
85) Indeno(1,2,3-cd)pyrene	16.37	276	747179	32.26	nq	95
87) Benzo(b)fluoranthene	14.74	252	1160854m	44.35	nq	
88) Benzo(k)fluoranthene	14.78	252	611294m	28.52	nq	
89) Benzo(a)pyrene	15.06	252	814050	36.06	nq	98
90) Dibenzo(a,h)anthracene	16.38	278	621808	32.68	nq #	93
91) Benzo(g,h,i)perylene	16.73	276	628639	32.52	nq	94

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

```

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Operator  : UM/SJ
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Misc      :
ALS Vial  : 4      Sample Multiplier: 1

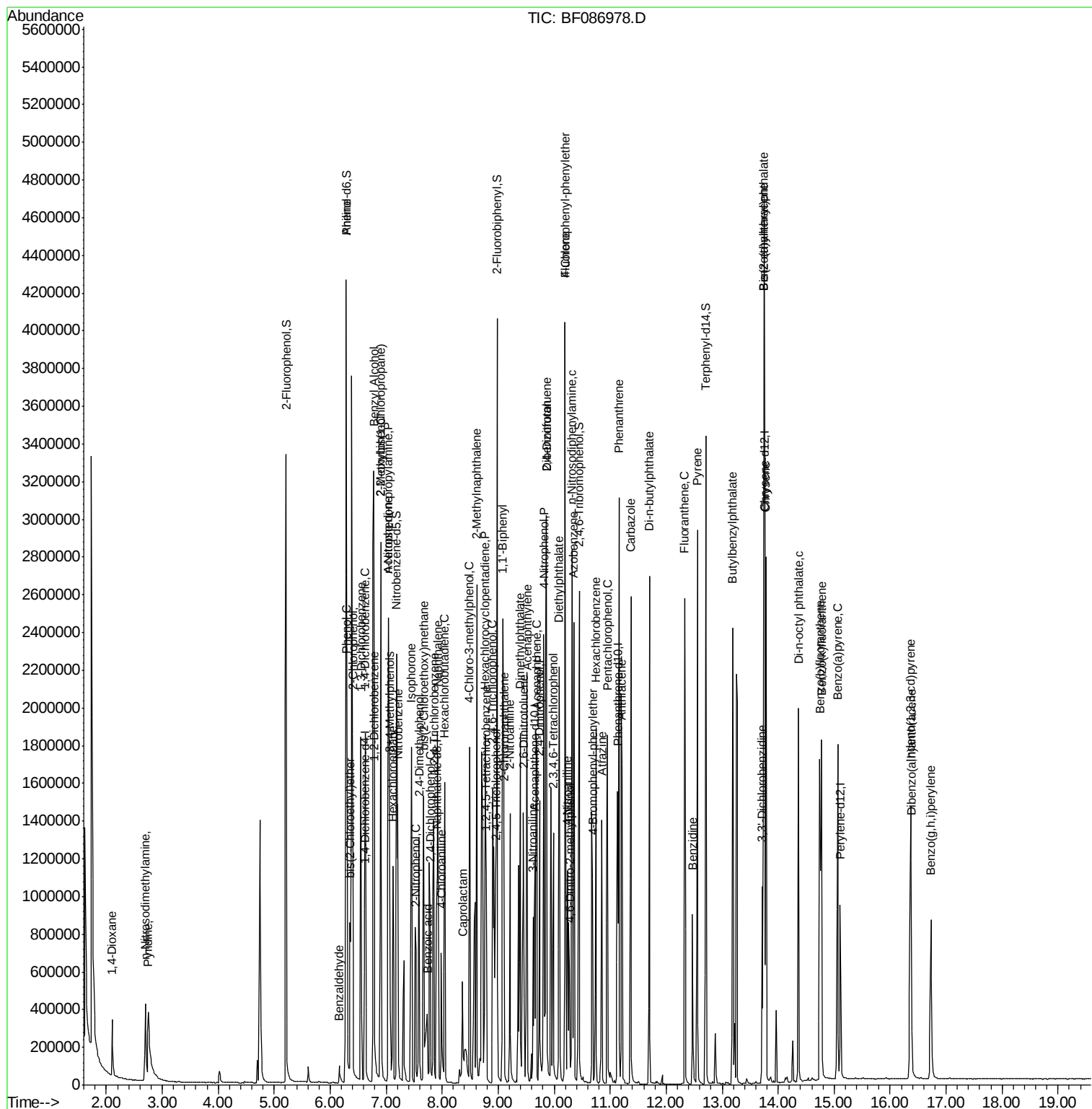
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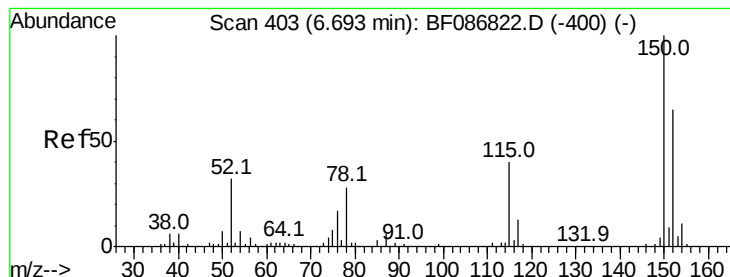
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

Instrument :

BNA_F

ClientSampleId :

PB90587BS

Tot Ion:152 Resp: 141975

Ion Ratio Lower Upper

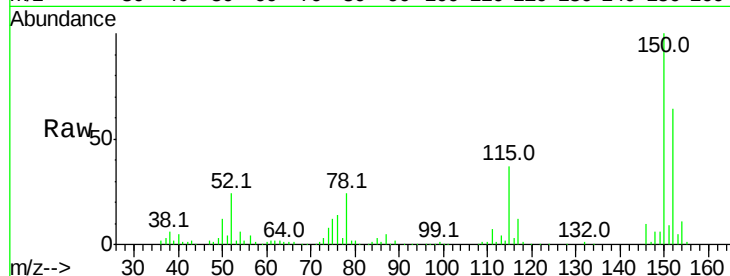
152 100

150 156.5 125.8 188.6

115 58.4 51.5 77.3

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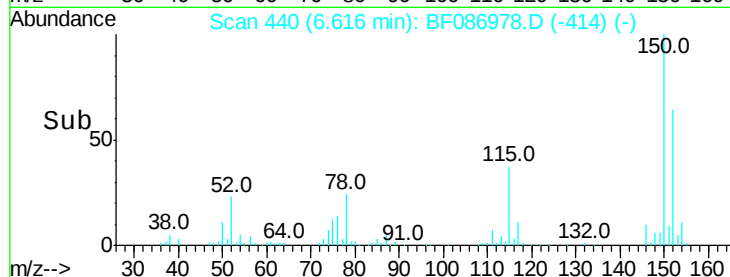
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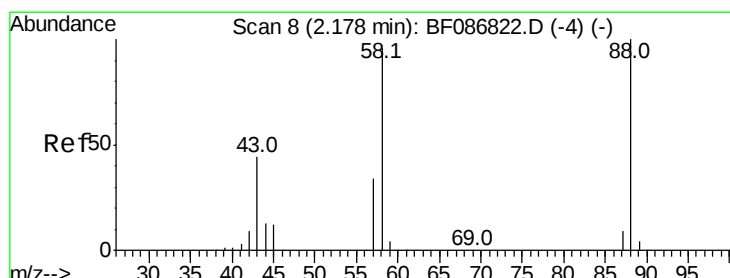
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#2

1,4-Dioxane

Concen: 27.75 ng

RT: 2.10 min Scan# 45

Delta R.T. 0.07 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

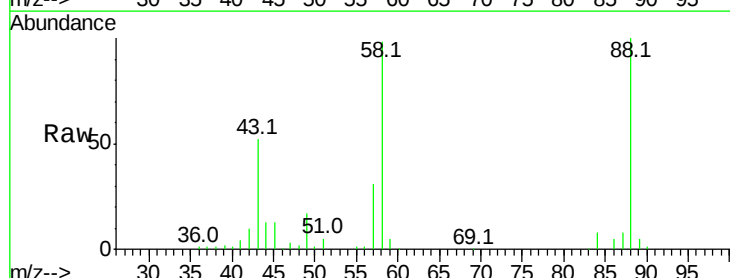
Tgt Ion: 88 Resp: 114206

Ion Ratio Lower Upper

88 100

58 95.9 59.6 89.4#

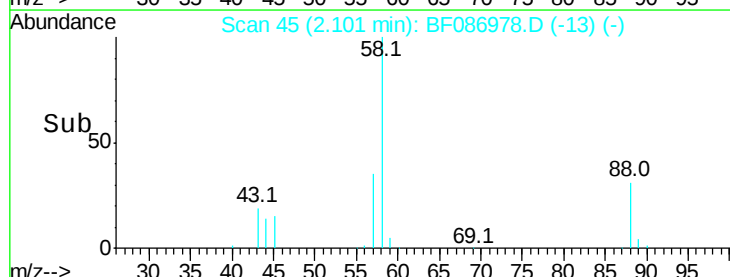
43 51.5 21.8 32.6#



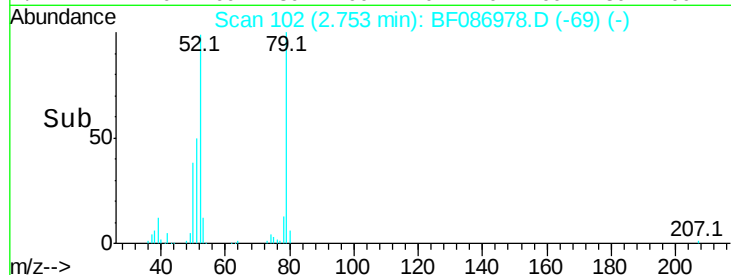
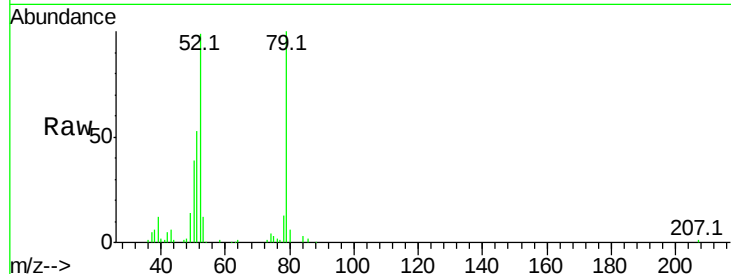
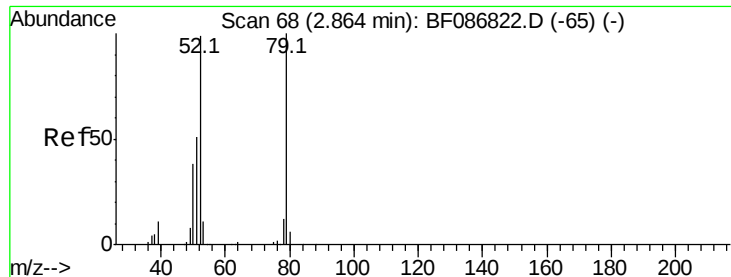
Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0



Time-->



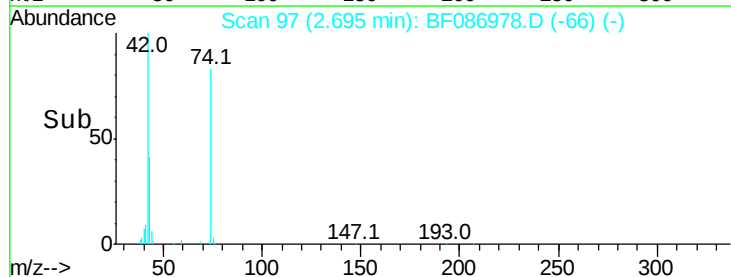
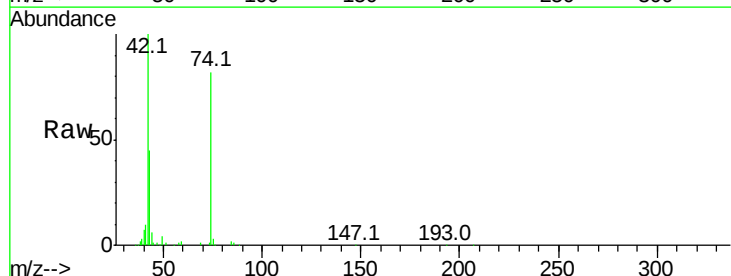
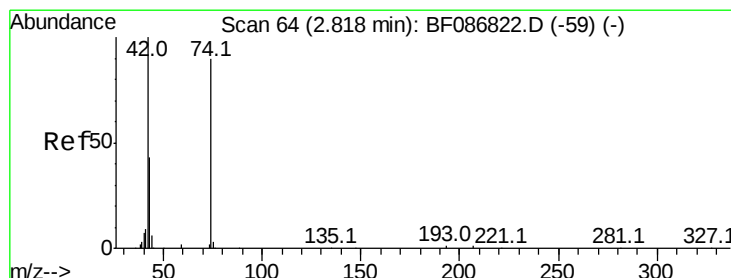
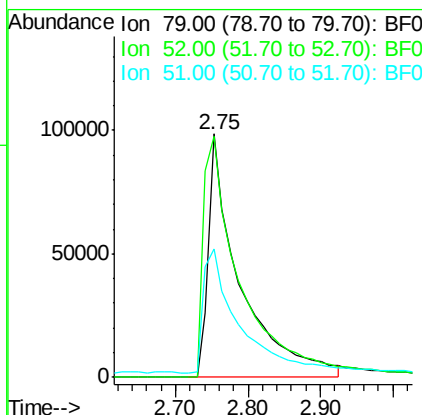
#3
 Pvridine
 Concen: 29.82 ng
 RT: 2.75 min Scan# 102
 Delta R.T. 0.08 min
 Lab File: BF086978.D
 Acq: 13 May 2016 18:38

Tot Ion	Ratio	Resp Lower	Upper
79	100		
52	99.1	55.9	83.9#
51	52.6	28.1	42.1#

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 BNA_F
 ClientSampled :
 PB90587BS

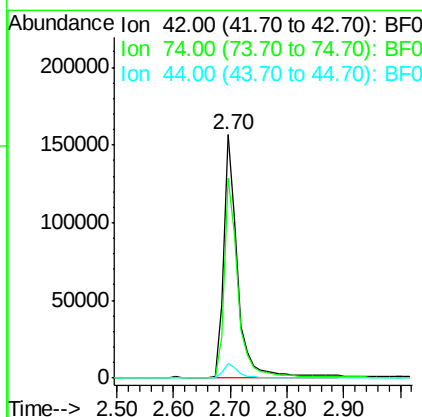
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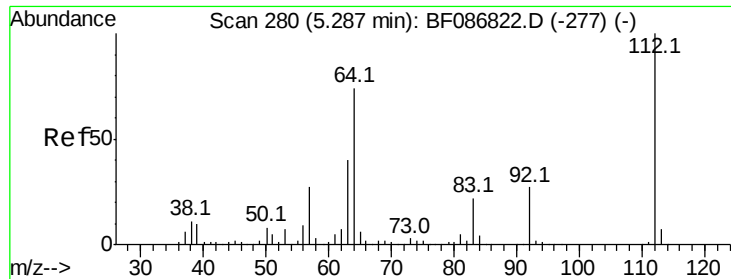
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#4
 n-Nitrosodimethylamine
 Concen: 36.39 ng
 RT: 2.70 min Scan# 97
 Delta R.T. 0.06 min
 Lab File: BF086978.D
 Acq: 13 May 2016 18:38

Tgt Ion	Ratio	Resp Lower	Upper
42	100		
74	82.3	123.4	185.0#
44	6.2	5.8	8.6





#5

2-Fluorophenol

Concen: 118.33 ng

RT: 5.21 min Scan# 317

Delta R.T. 0.01 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

Instrument :

BNA_F

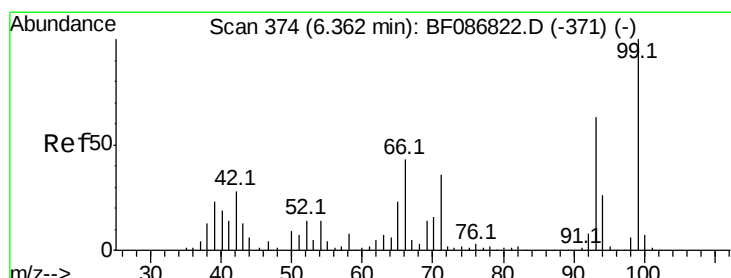
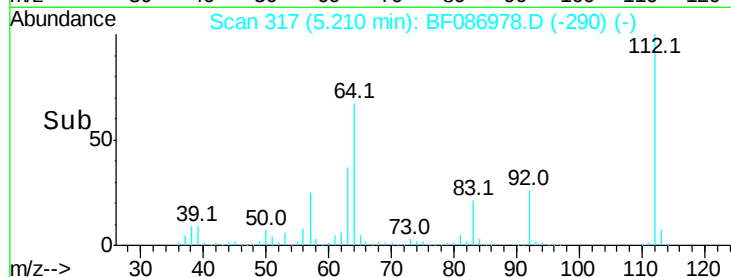
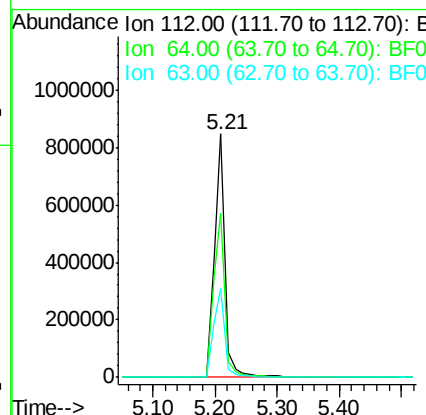
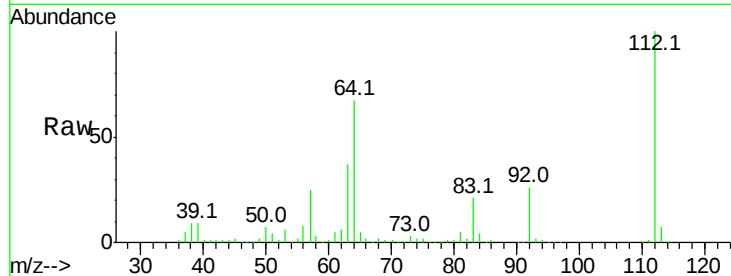
ClientSampled :

PB90587BS

Tot Ion:	112	Resp:	992026
Ion Ratio	Lower	Upper	
112	100		
64	67.3	52.1	78.1
63	36.6	25.7	38.5

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#6

Aniline

Concen: 24.74 ng

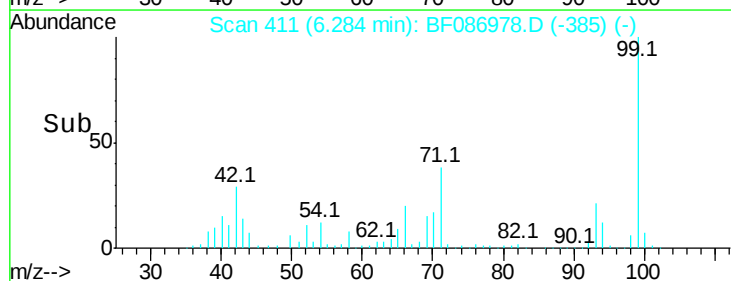
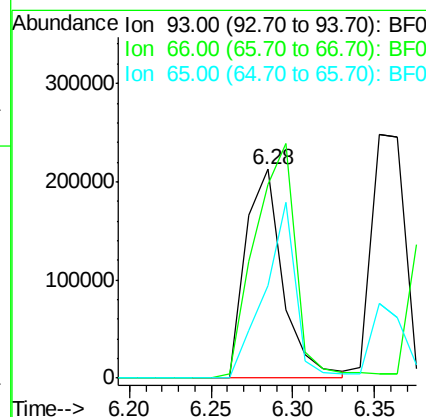
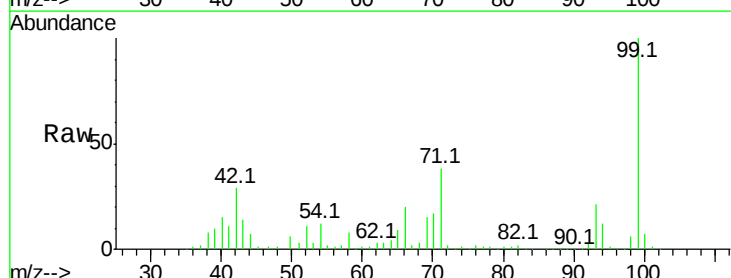
RT: 6.28 min Scan# 411

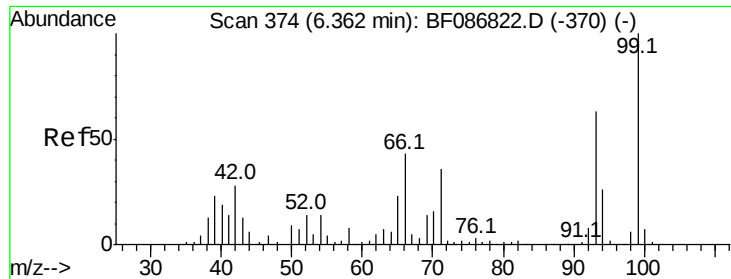
Delta R.T. 0.00 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

Tgt Ion:	93	Resp:	335224
Ion Ratio	Lower	Upper	
93	100		
66	92.5	39.0	58.6#
65	44.4	20.6	31.0#





#7

Phenol-d6

Concen: 109.20 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

Instrument :

BNA_F

ClientSampled :

PB90587BS

Tot Ion: 99 Resp: 1223548

Ion Ratio Lower Upper

99 100

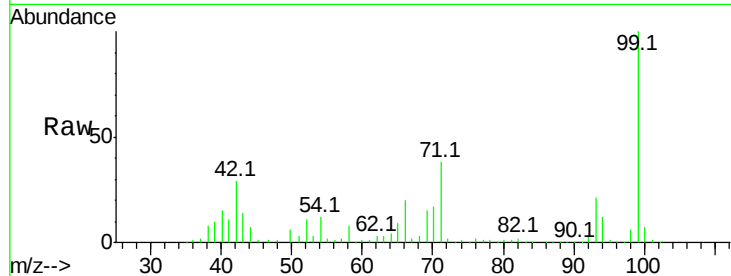
42 28.8 13.6 20.4#

71 38.4 24.6 36.8#

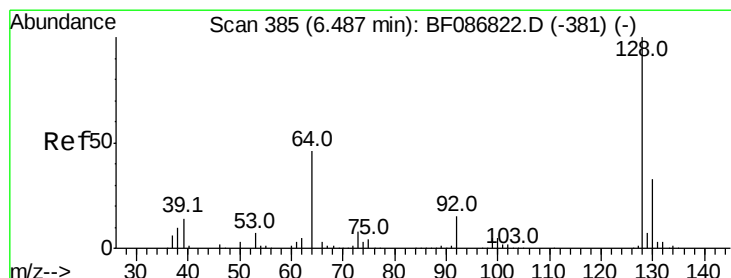
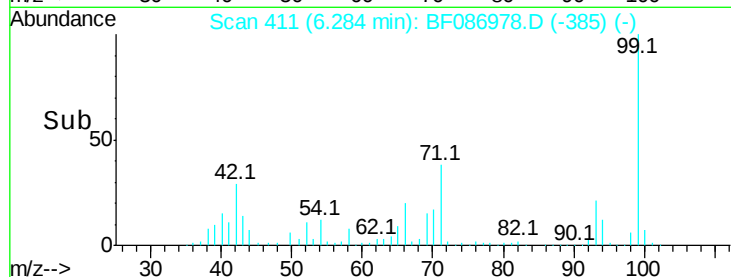
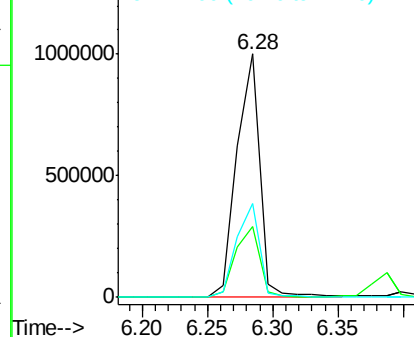
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 35.08 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

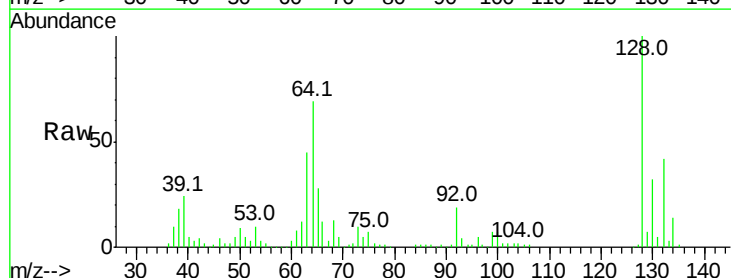
Tgt Ion:128 Resp: 354846

Ion Ratio Lower Upper

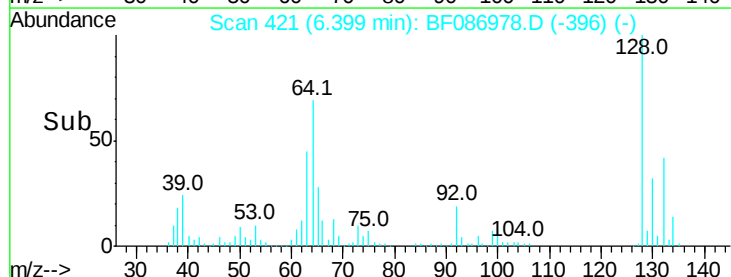
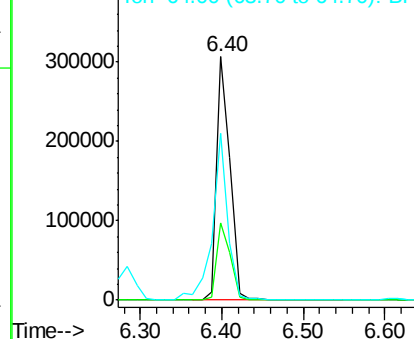
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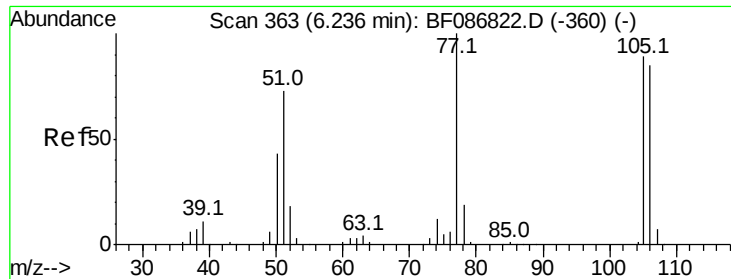
130 31.9 12.5 52.5

64 68.8 27.3 67.3#



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 4.58 ng

RT: 6.16 min Scan# 400

Delta R.T. 0.00 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

Instrument :

BNA_F

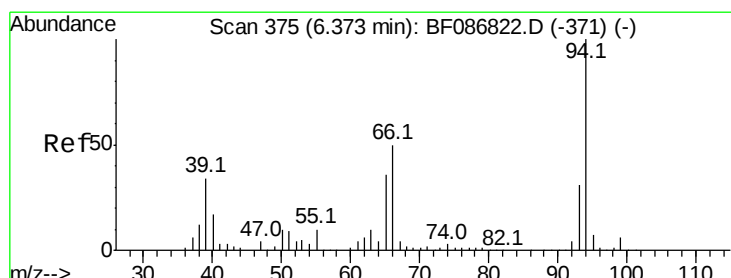
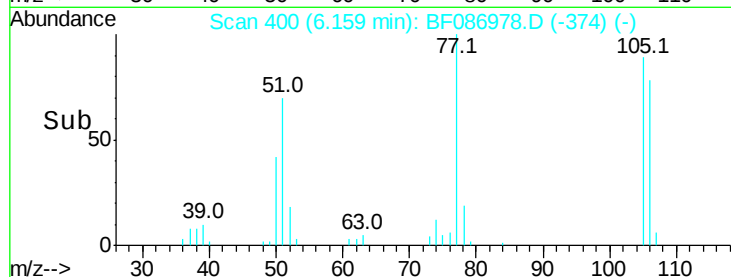
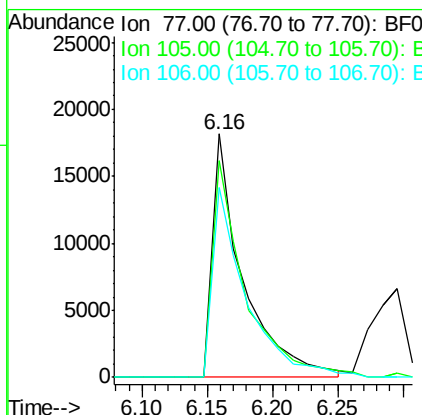
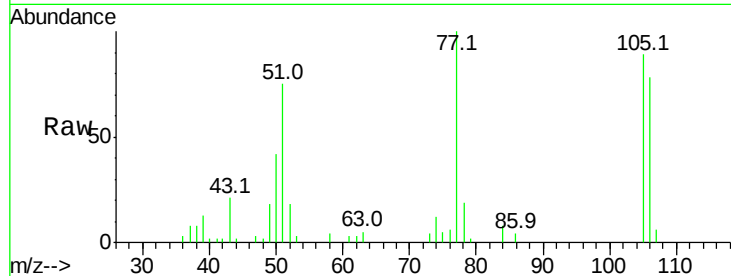
ClientSampleId :

PB90587BS

Tot Ion:	77	Resp:	29692
Ion	Ratio	Lower	Upper
77	100		
105	88.8	72.7	112.7
106	77.8	70.8	110.8

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#10

Phenol

Concen: 38.18 ng

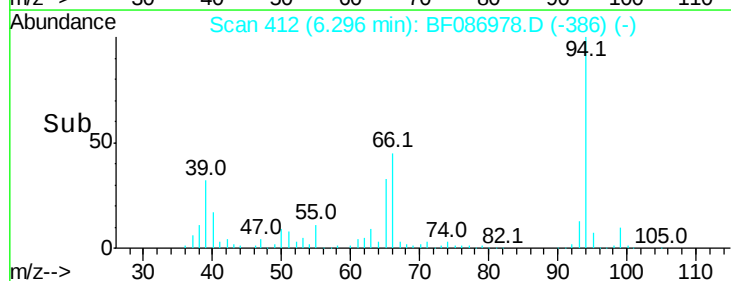
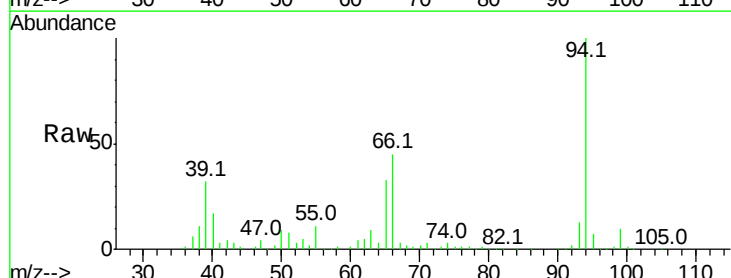
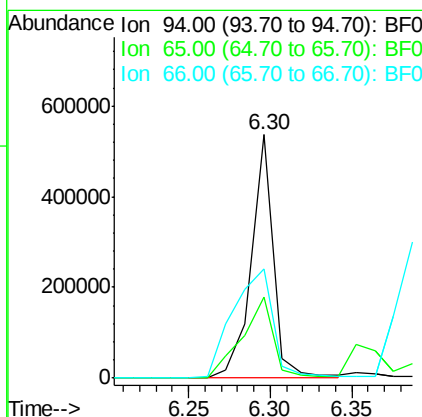
RT: 6.30 min Scan# 412

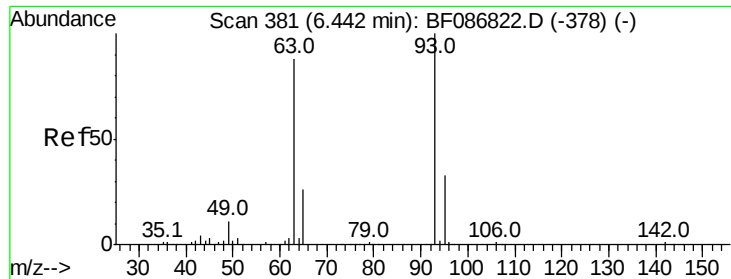
Delta R.T. 0.00 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

Tgt Ion:	94	Resp:	508482
Ion	Ratio	Lower	Upper
94	100		
65	33.4	7.2	47.2
66	44.6	14.9	54.9





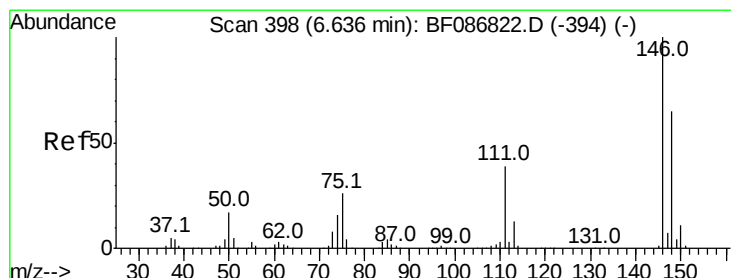
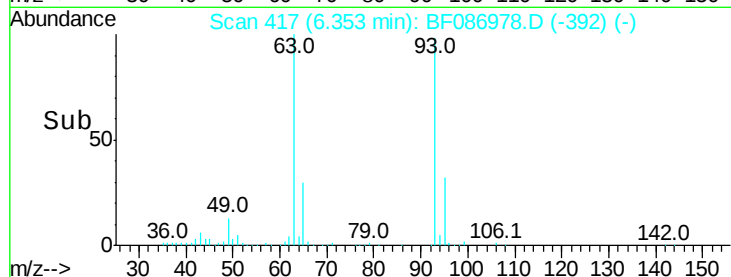
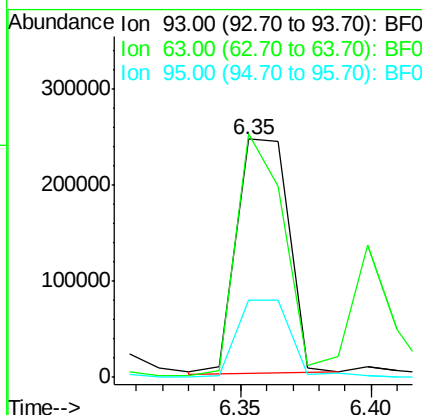
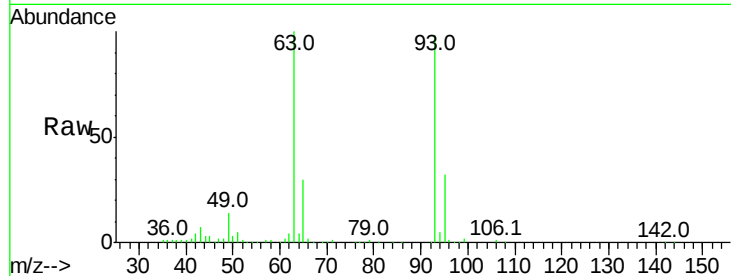
#11
bis(2-Chloroethyl)ether
Concen: 32.91 ng
RT: 6.35 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF086978.D
Acq: 13 May 2016 18:38

Instrument :
BNA_F
ClientSampleId :
PB90587BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	102.2	58.0	98.0#	
95	32.2	11.9	51.9	

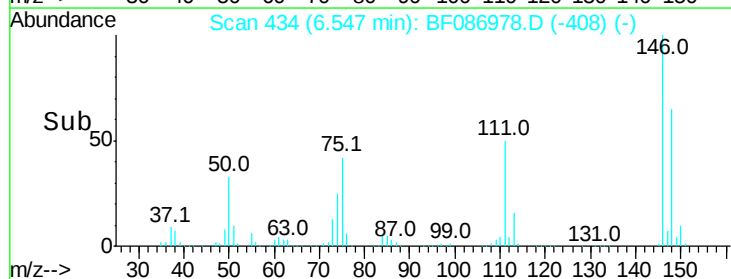
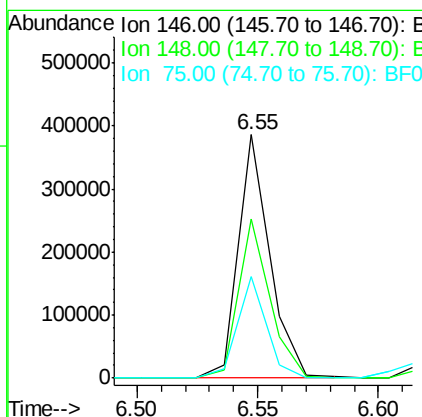
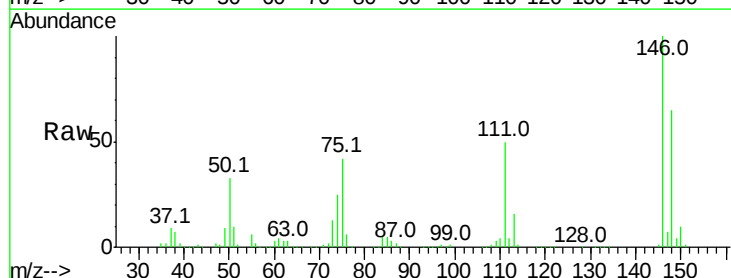
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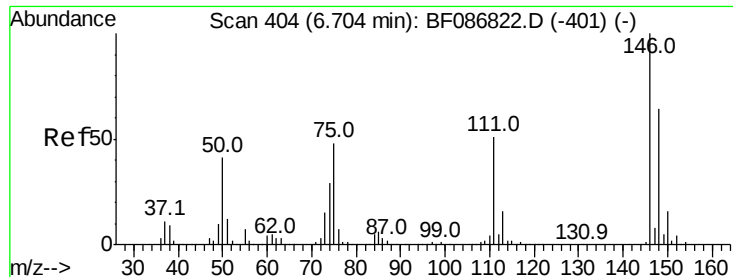
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#12
1,3-Dichlorobenzene
Concen: 32.13 ng m
RT: 6.55 min Scan# 434
Delta R.T. 0.00 min
Lab File: BF086978.D
Acq: 13 May 2016 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	65.2	52.4	78.6	
75	41.7	22.8	34.2#	





#13

1,4-Dichlorobenzene

Concen: 33.98 ng

RT: 6.63 min Scan# 441

Delta R.T. 0.00 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

Instrument :

BNA_F

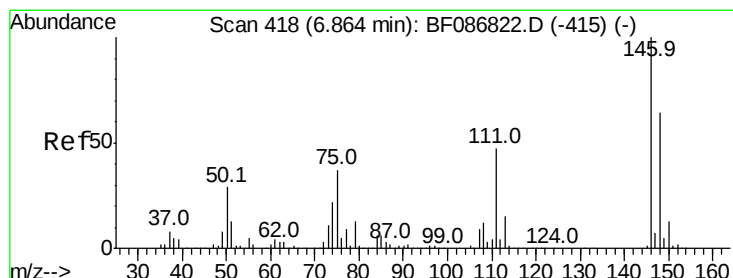
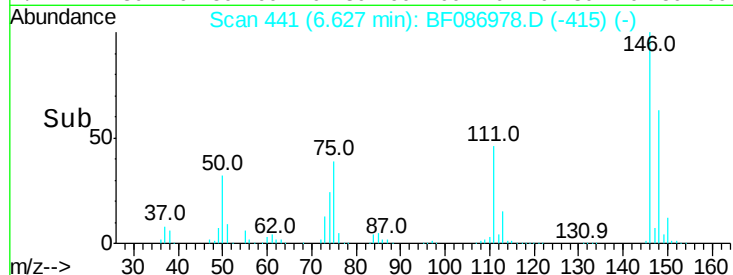
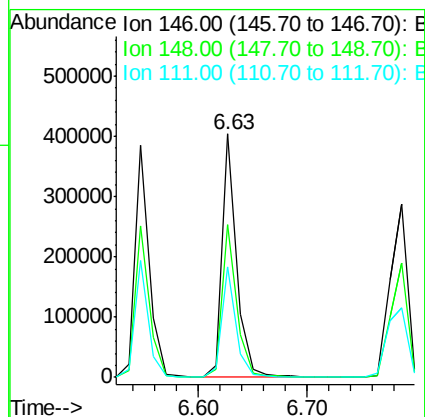
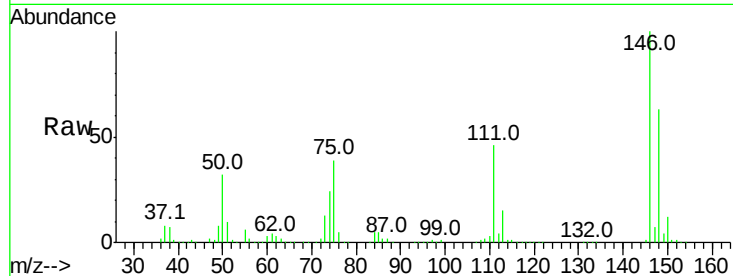
ClientSampleId :

PB90587BS

Tot Ion:	146	Resp:	379399
Ion Ratio	Lower	Upper	
146	100		
148	62.8	52.2	78.4
111	45.6	30.7	46.1

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#14

1,2-Dichlorobenzene

Concen: 34.10 ng

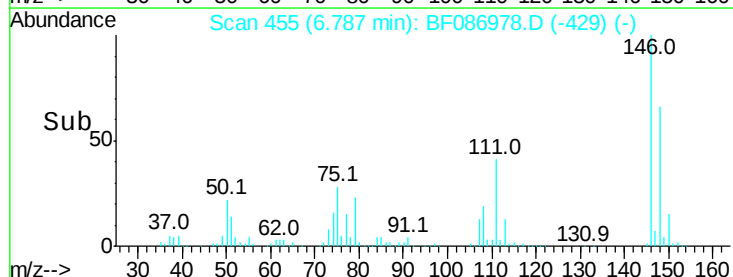
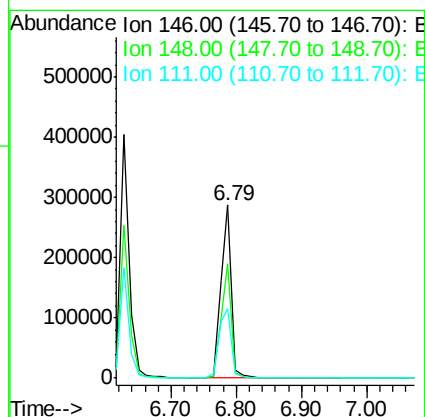
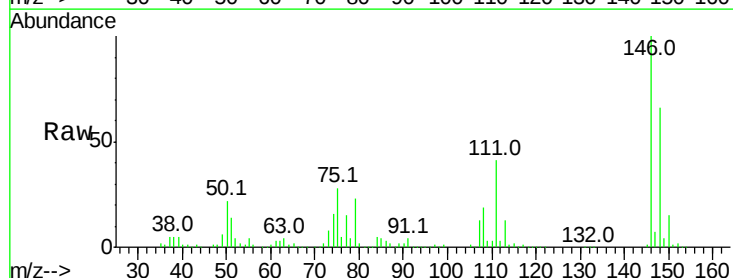
RT: 6.79 min Scan# 455

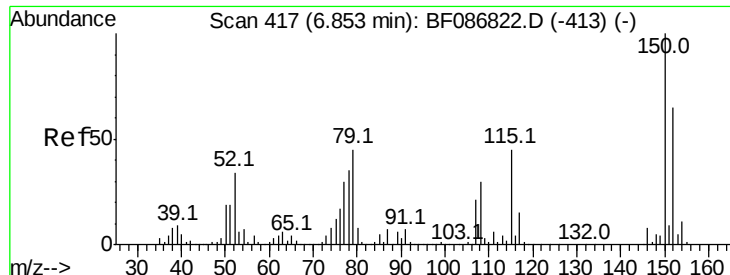
Delta R.T. 0.00 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

Tgt Ion:	146	Resp:	331834
Ion Ratio	Lower	Upper	
146	100		
148	66.0	51.0	76.6
111	40.5	36.2	54.4





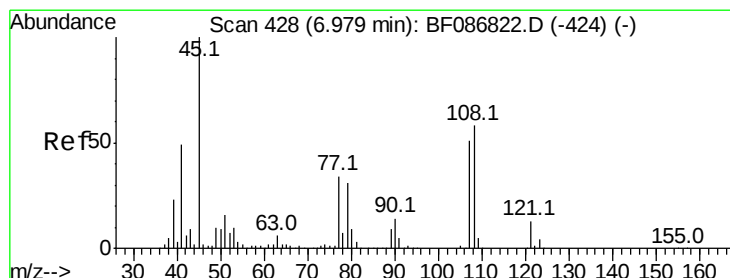
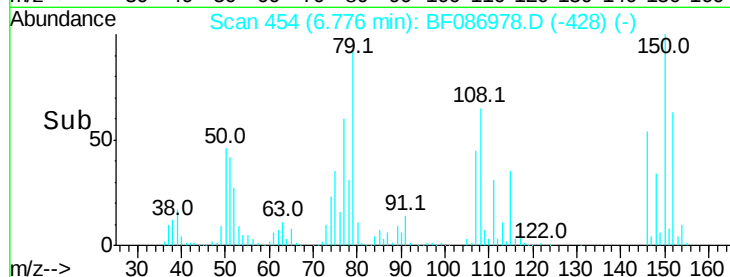
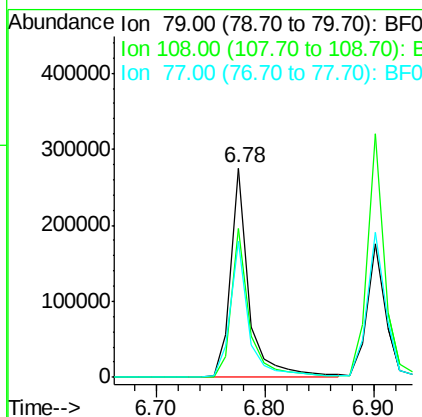
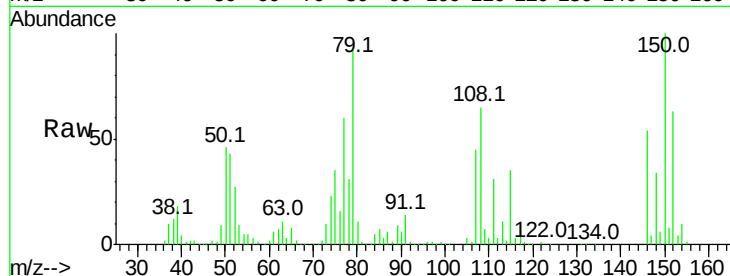
#15
Benzyl Alcohol
Concen: 41.71 ng
RT: 6.78 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF086978.D
Acq: 13 May 2016 18:38

Instrument :
BNA_F
ClientSampleId :
PB90587BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	71.1	68.4	102.6
77	64.9	50.6	76.0

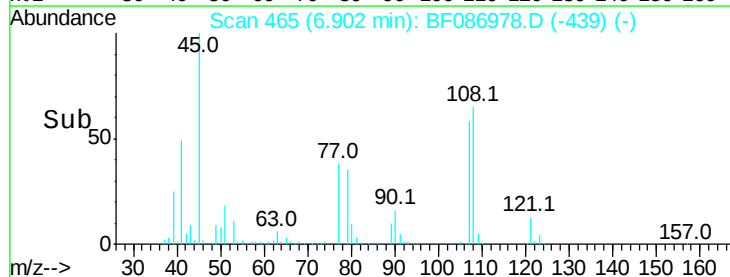
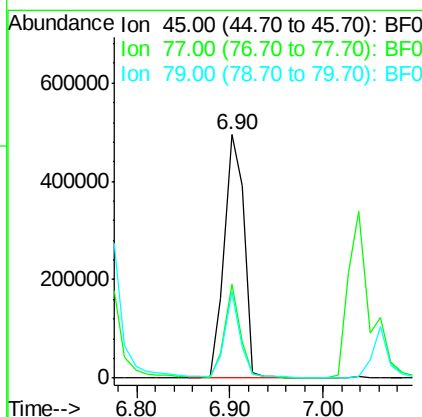
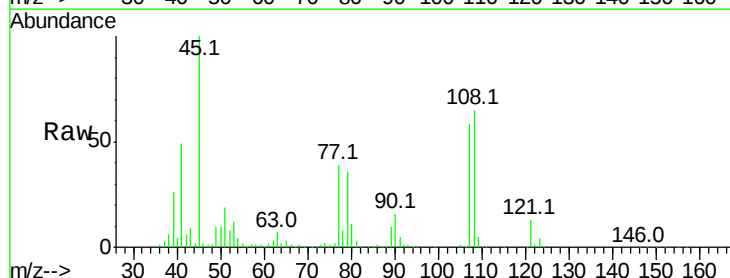
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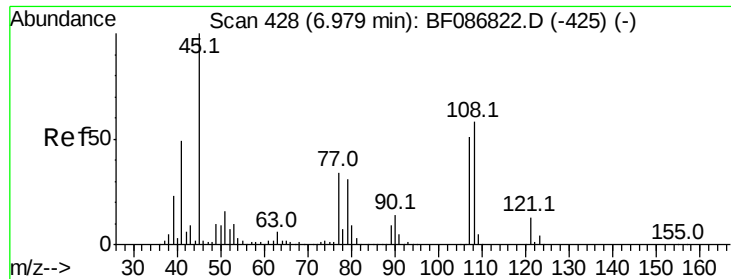
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.70 ng
RT: 6.90 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF086978.D
Acq: 13 May 2016 18:38

Tgt Ion	Ratio	Lower	Upper
45	100		
77	38.5	0.0	36.4#
79	35.6	0.0	33.4#





#17

2-Methylphenol

Concen: 38.29 ng

RT: 6.90 min Scan# 465

Delta R.T. 0.00 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

Instrument :

BNA_F

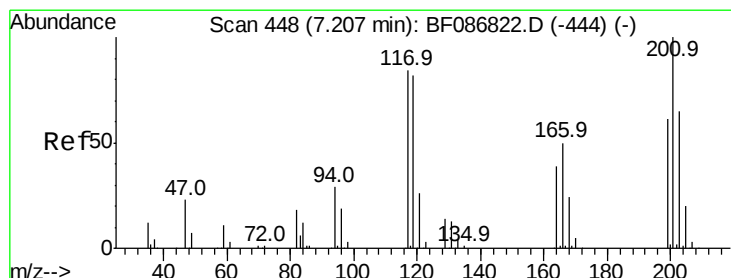
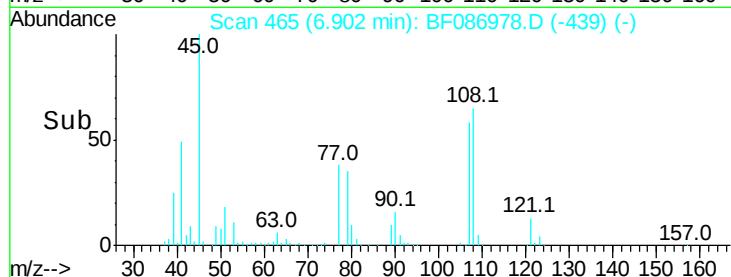
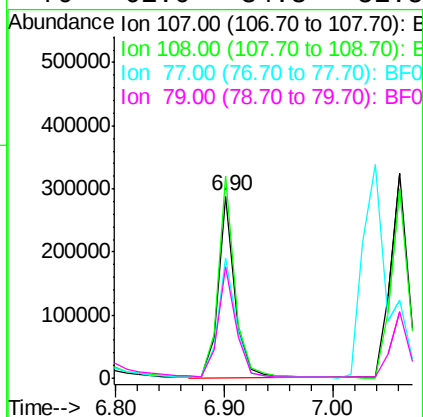
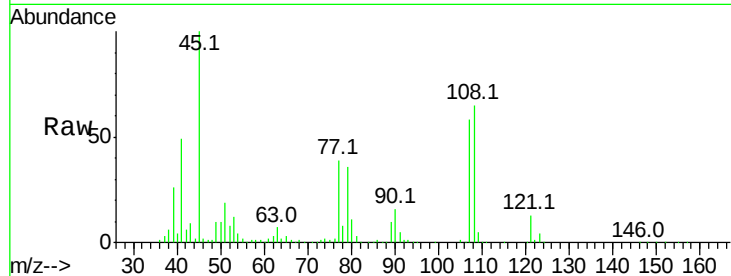
ClientSampled :

PB90587BS

Tot Ion:	107	Resp:	308259
Ion Ratio	Lower	Upper	
107	100		
108	111.0	93.7	140.5
77	66.1	33.4	50.0#
79	61.0	34.3	51.5#

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#18

Hexachloroethane

Concen: 32.88 ng

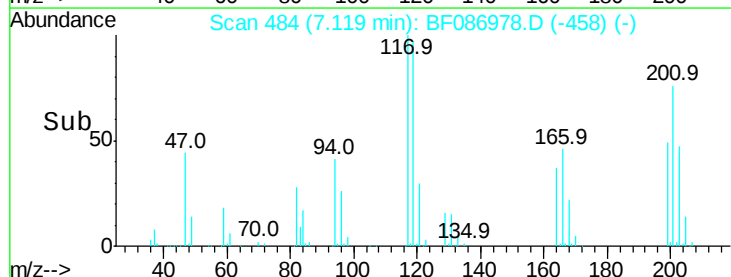
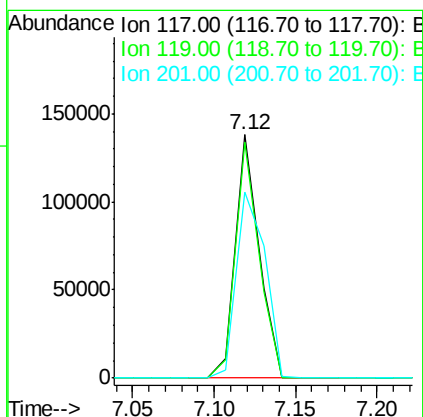
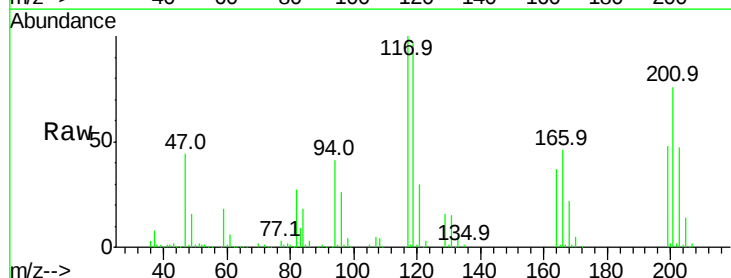
RT: 7.12 min Scan# 484

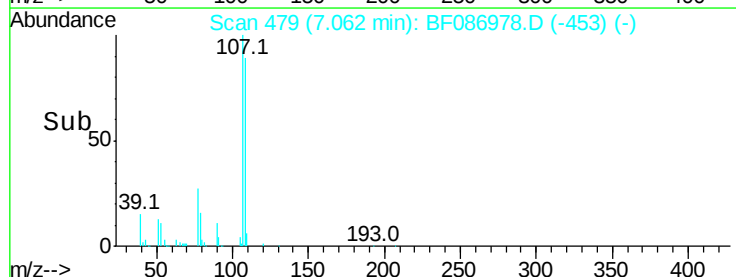
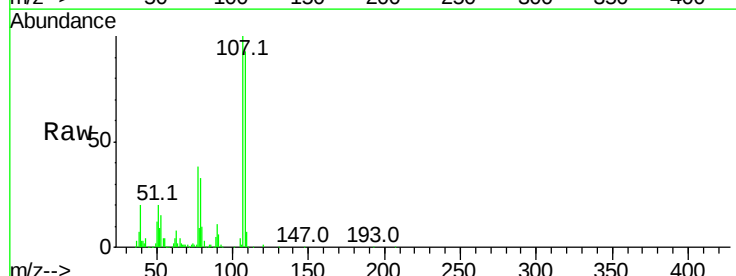
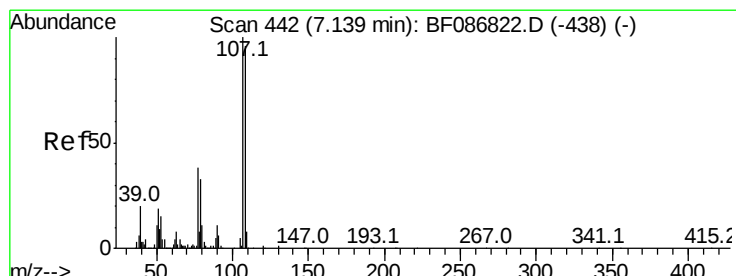
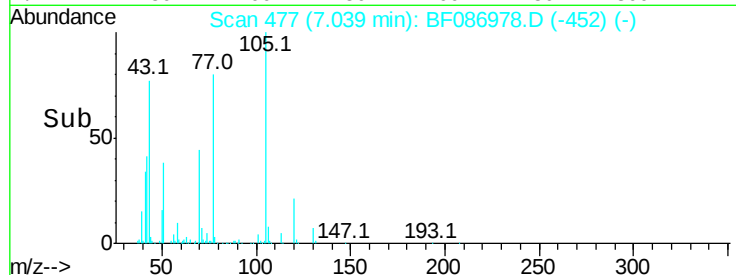
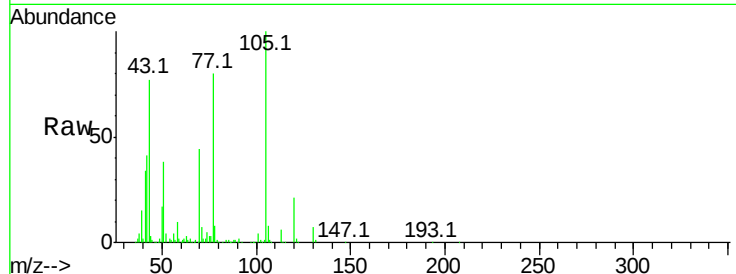
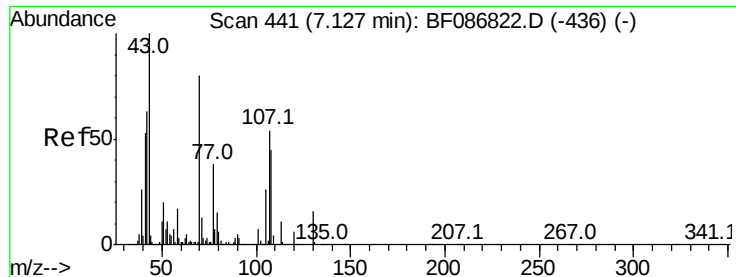
Delta R.T. 0.00 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

Tgt Ion:	117	Resp:	138110
Ion Ratio	Lower	Upper	
117	100		
119	96.8	76.5	114.7
201	76.2	63.0	94.6

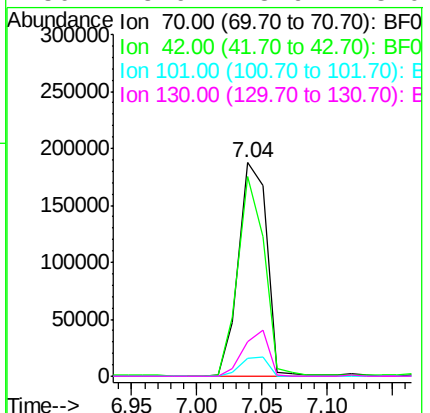




#19
n-Nitroso-di-n-propylamine
Concen: 35.96 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.01 min
Lab File: BF086978.D
Acq: 13 May 2016 18:38

Instrument :
BNA_F
ClientSampleId :
PB90587BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	93.3	43.1	64.7#
101	8.2	8.1	12.1
130	15.9	18.6	28.0#

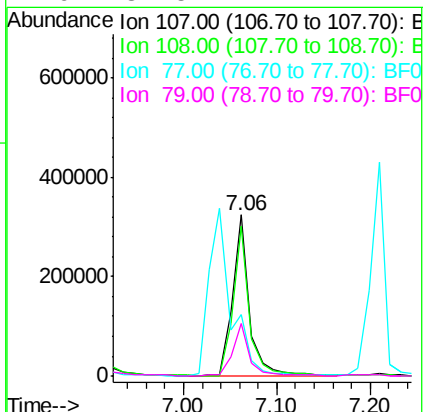


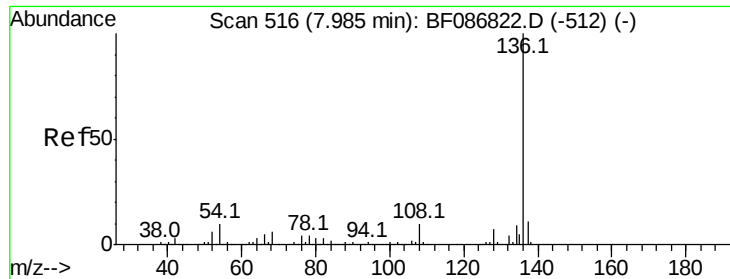
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#20
3+4-Methylphenols
Concen: 38.33 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.00 min
Lab File: BF086978.D
Acq: 13 May 2016 18:38

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.7	68.5	108.5
77	37.9	101.6	141.6#
79	32.5	7.4	47.4





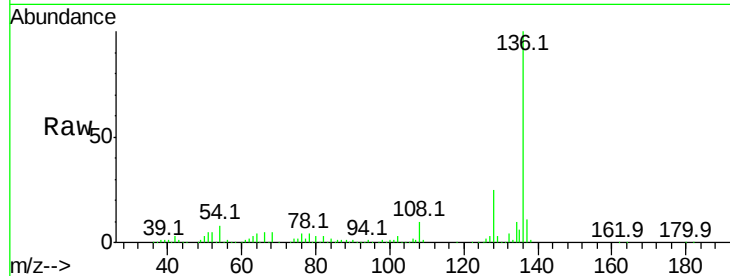
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.91 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF086978.D
Acq: 13 May 2016 18:38

Instrument :
BNA_F
ClientSampleId :
PB90587BS

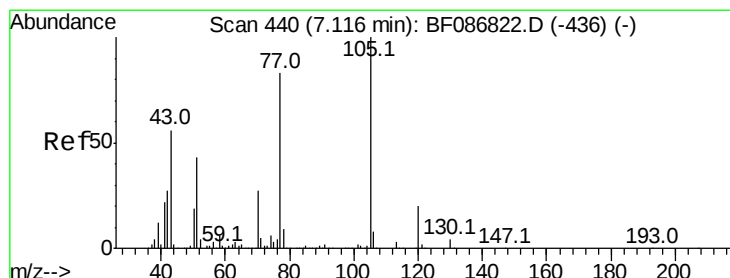
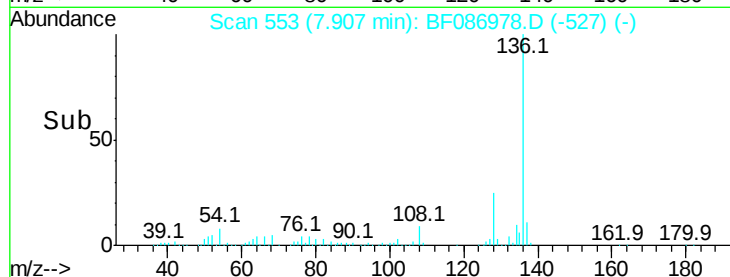
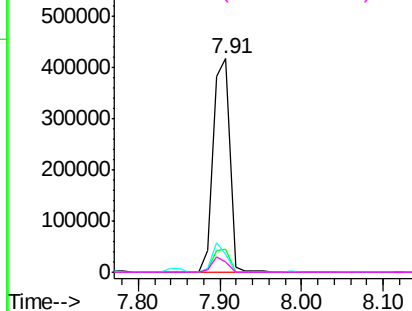
Tot Ion	Ratio	Resp	Lower	Upper
136	100	591333		
137	10.8		8.8	13.2
54	8.4		5.0	7.4#
68	4.7		4.4	6.6

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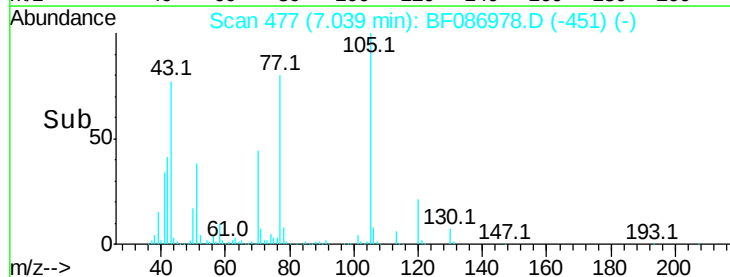
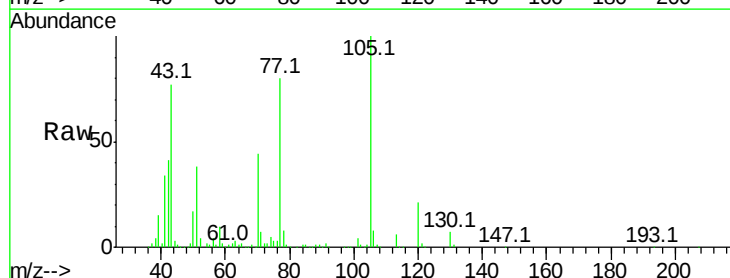
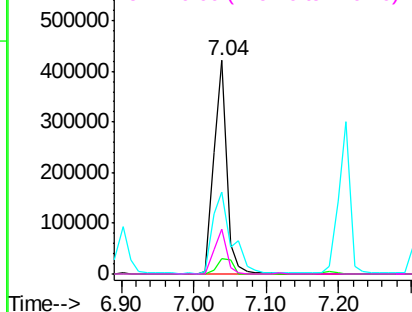
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

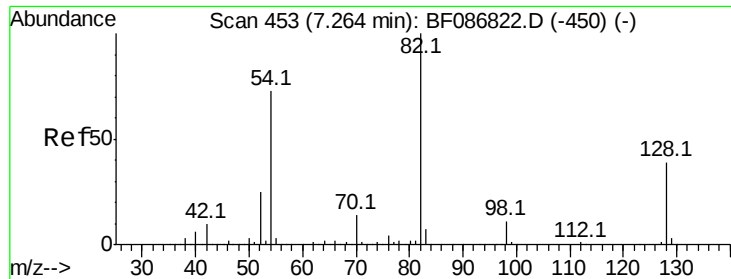


#22
Acetophenone
Concen: 37.34 ng
RT: 7.04 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF086978.D
Acq: 13 May 2016 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	521485		
71	7.4		4.8	7.2#
51	38.4		32.6	49.0
120	21.0		16.5	24.7

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 68.64 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

Instrument :

BNA_F

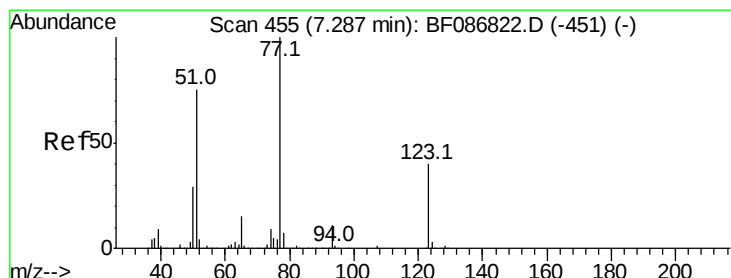
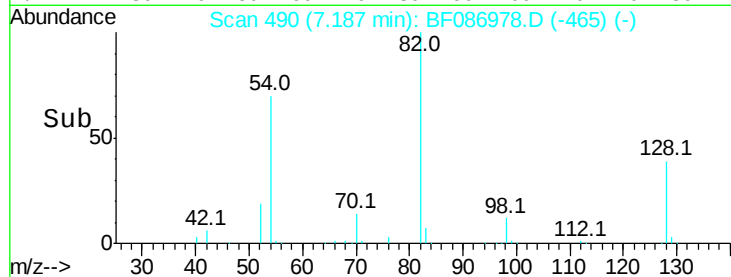
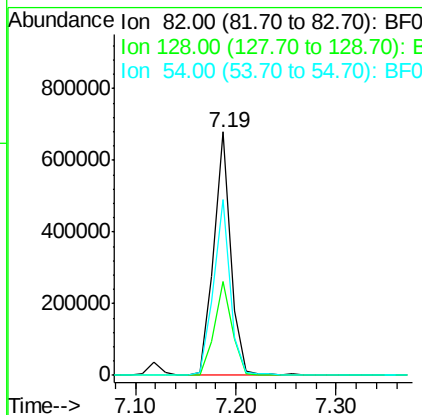
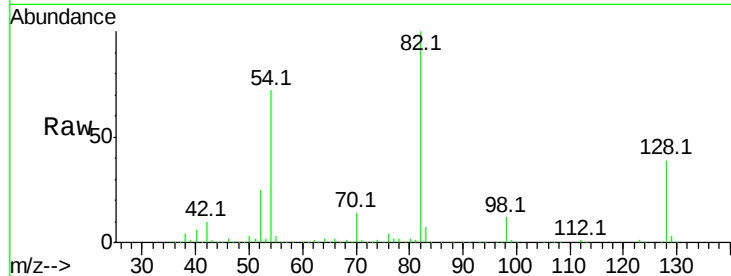
ClientSampleId :

PB90587BS

Tot Ion:	82	Resp:	808385
Ion Ratio	Lower	Upper	
82	100		
128	38.8	40.6	61.0#
54	72.2	38.1	57.1#

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#24

Nitrobenzene

Concen: 36.58 ng

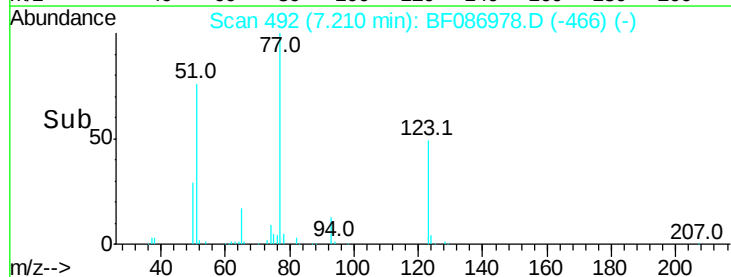
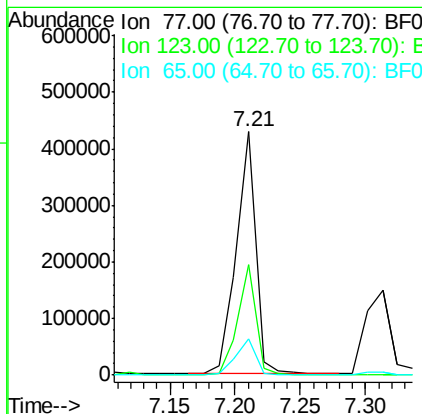
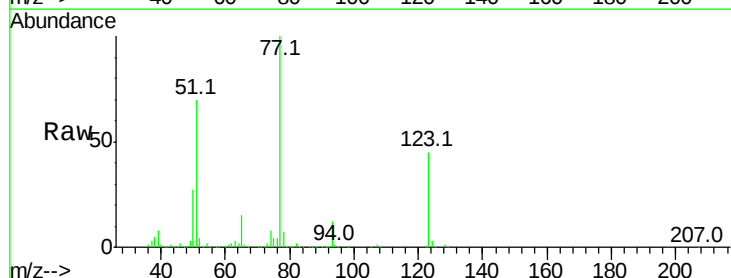
RT: 7.21 min Scan# 492

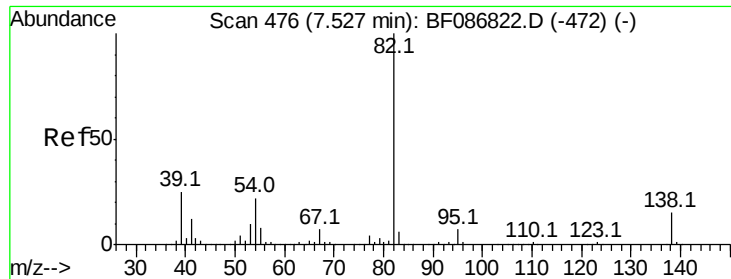
Delta R.T. 0.00 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

Tgt Ion:	77	Resp:	443187
Ion Ratio	Lower	Upper	
77	100		
123	45.2	33.0	49.4
65	14.7	10.8	16.2





#25

Isophorone

Concen: 34.80 ng

RT: 7.45 min Scan# 513

Delta R.T. -0.01 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

Instrument :

BNA_F

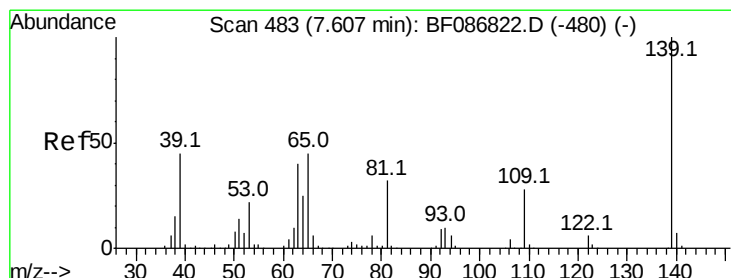
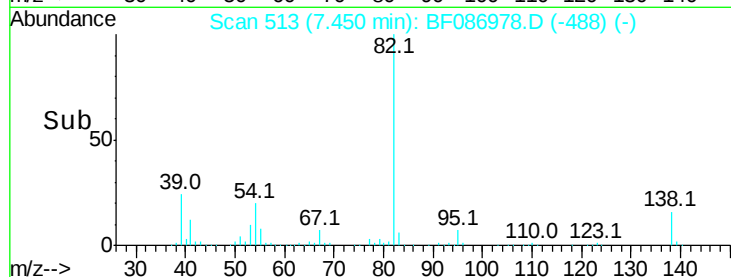
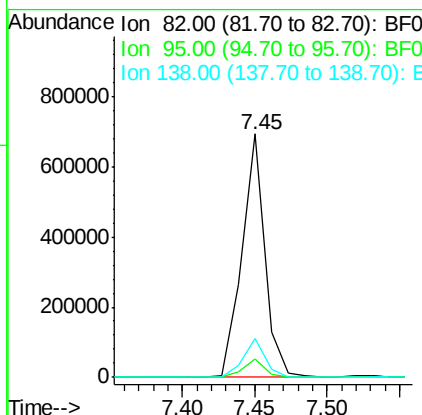
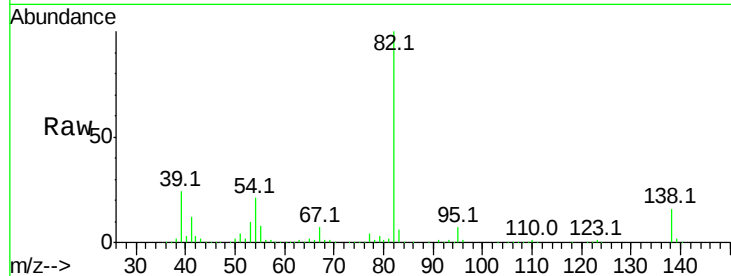
ClientSampleId :

PB90587BS

Tot Ion:	82	Resp:	760434
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.1	7.7
138	15.7	12.4	18.6

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#26

2-Nitrophenol

Concen: 34.94 ng

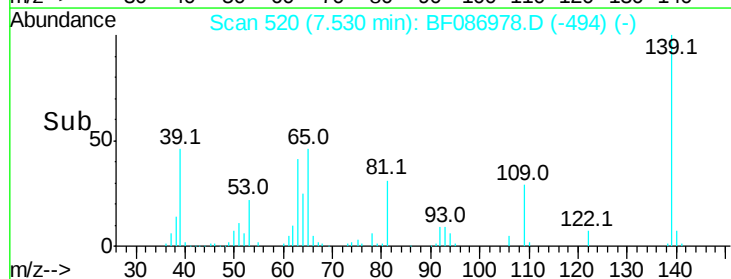
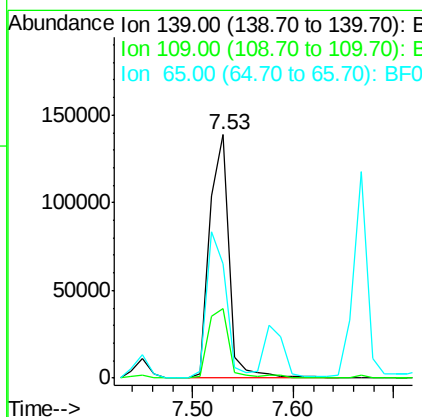
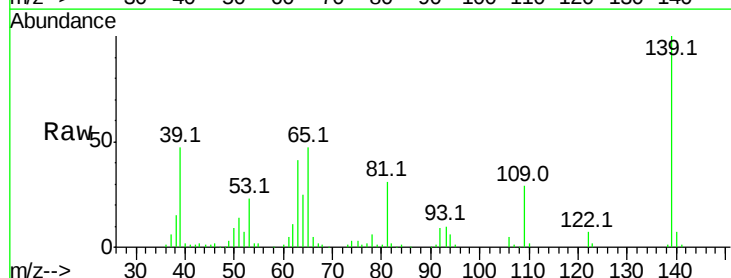
RT: 7.53 min Scan# 520

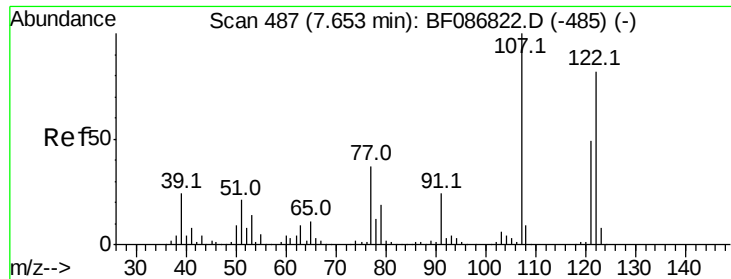
Delta R.T. 0.00 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

Tgt Ion:	139	Resp:	186033
Ion Ratio	Lower	Upper	
139	100		
109	28.5	19.5	29.3
65	47.1	37.5	56.3





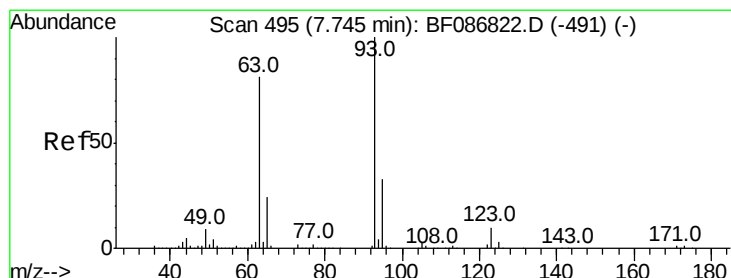
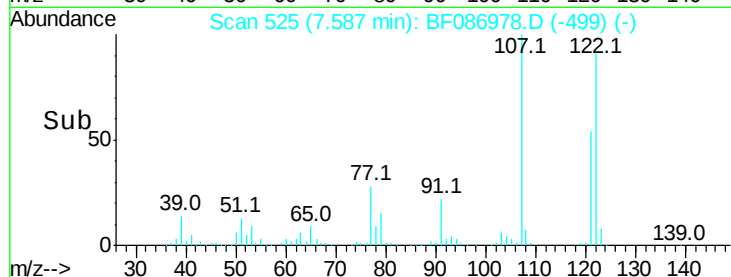
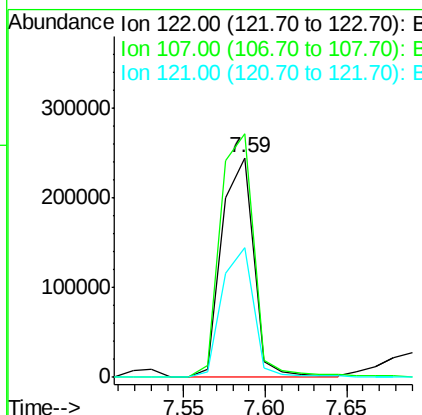
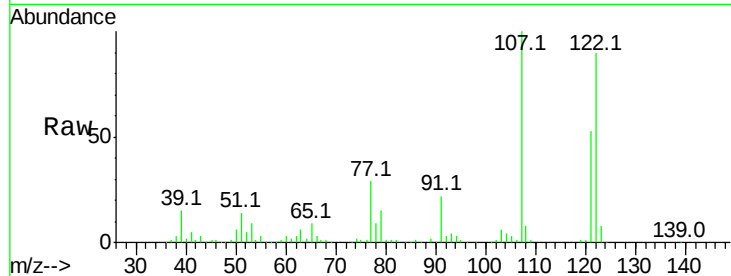
#27
 2,4-Dimethylphenol
 Concen: 36.50 ng
 RT: 7.59 min Scan# 525
 Delta R.T. 0.00 min
 Lab File: BF086978.D
 Acq: 13 May 2016 18:38

Instrument :
 BNA_F
 ClientSampleId :
 PB90587BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	331112		
107	110.8	82.0	123.0	
121	59.1	46.1	69.1	

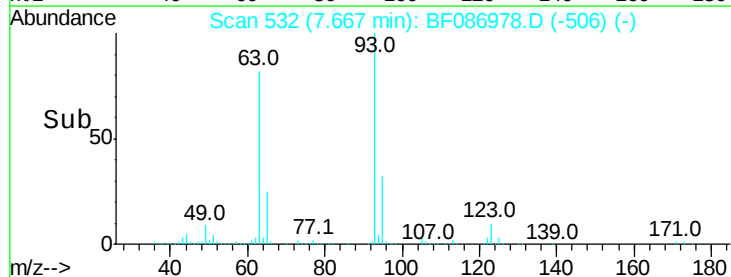
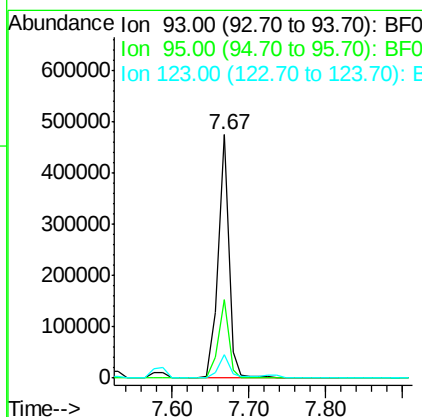
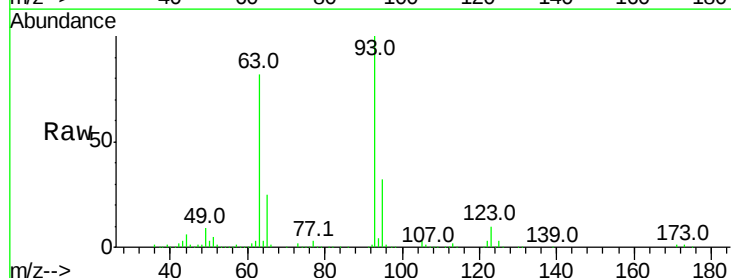
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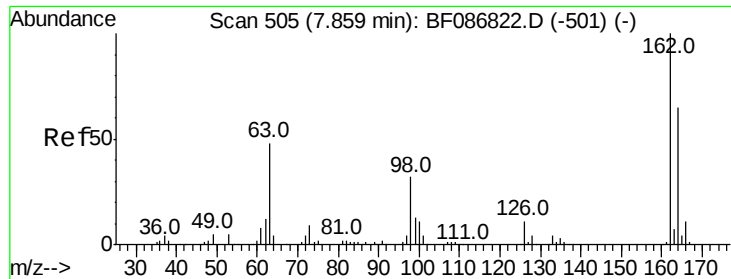
sohil
 5/14/2016 10:00:28 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.09 ng
 RT: 7.67 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: BF086978.D
 Acq: 13 May 2016 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	460662		
95	32.2	26.0	39.0	
123	9.9	9.5	14.3	





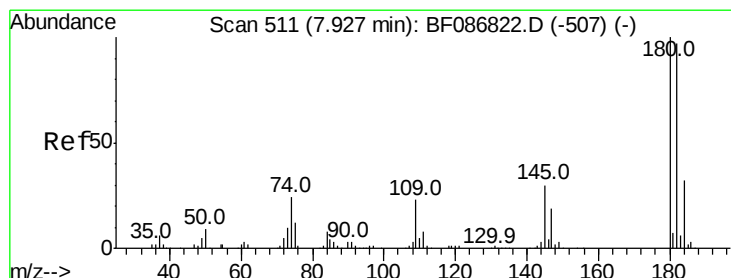
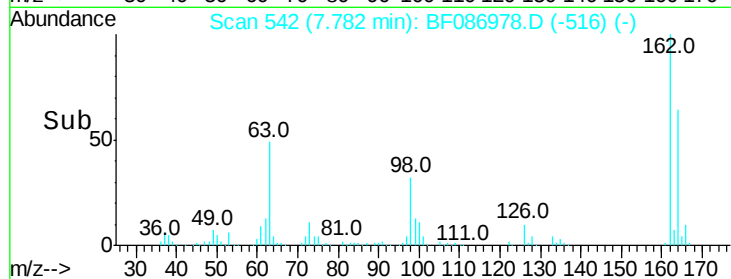
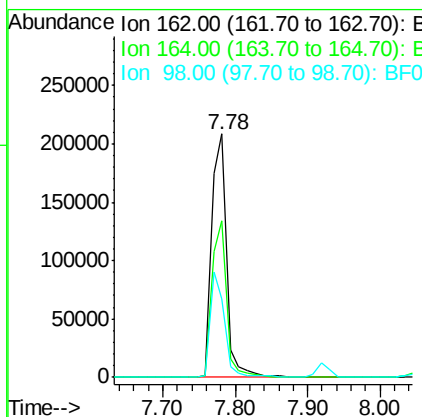
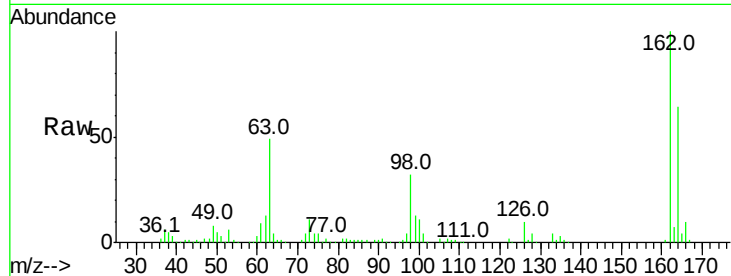
#29
 2,4-Dichlorophenol
 Concen: 37.42 ng
 RT: 7.78 min Scan# 542
 Delta R.T. 0.00 min
 Lab File: BF086978.D
 Acq: 13 May 2016 18:38

Instrument :
 BNA_F
 ClientSampleId :
 PB90587BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	298742		
164	64.3	42.2	82.2	
98	32.0	19.0	59.0	

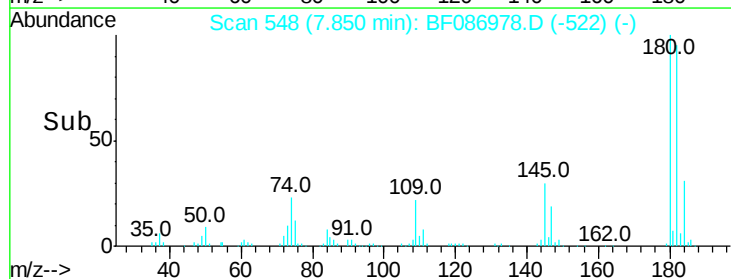
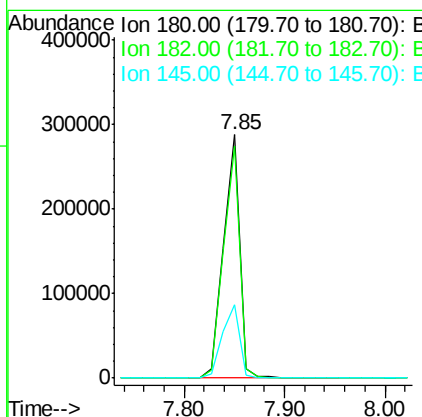
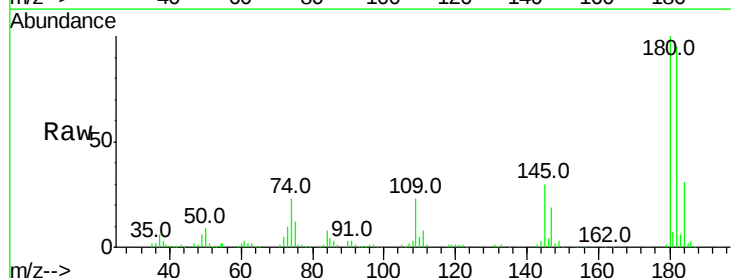
Manual Integrations
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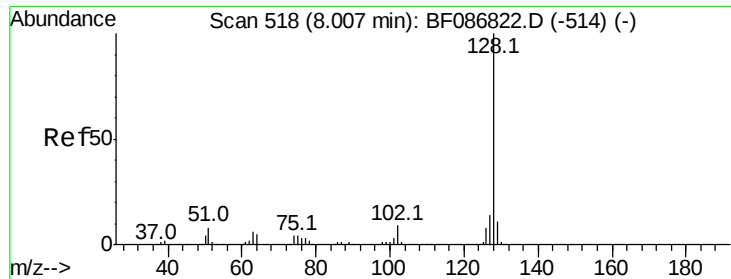
sohil
 5/14/2016 10:00:28 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 36.08 ng
 RT: 7.85 min Scan# 548
 Delta R.T. 0.00 min
 Lab File: BF086978.D
 Acq: 13 May 2016 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	322114		
182	95.3	78.0	117.0	
145	29.9	24.2	36.2	





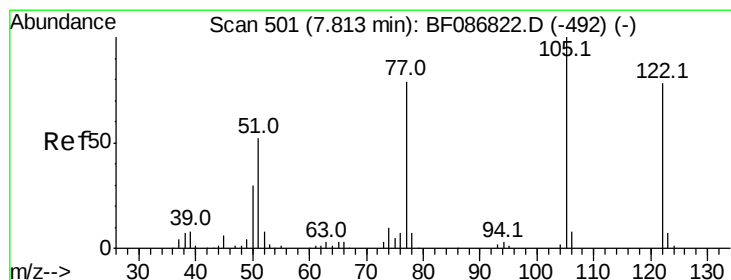
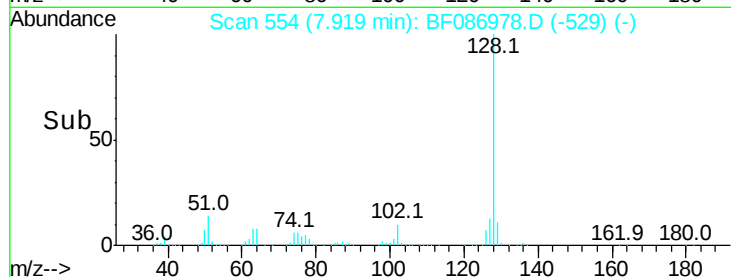
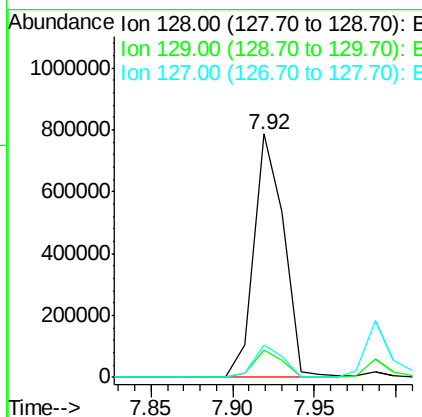
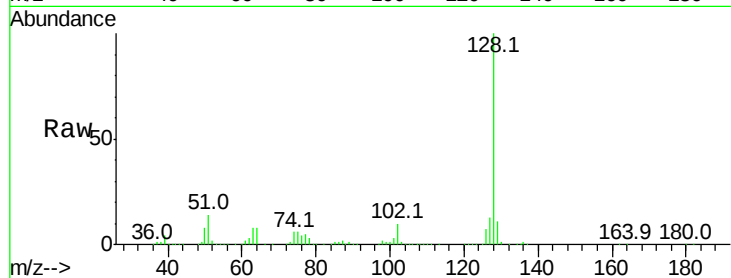
#31
Naphthalene
Concen: 33.79 ng
RT: 7.92 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF086978.D
Acq: 13 May 2016 18:38

Instrument :
BNA_F
ClientSampled :
PB90587BS

Tot Ion:128 Resp: 1000851
Ion Ratio Lower Upper
128 100
129 11.4 8.6 13.0
127 13.2 10.8 16.2

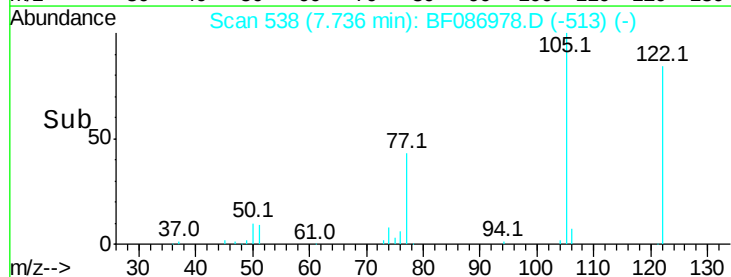
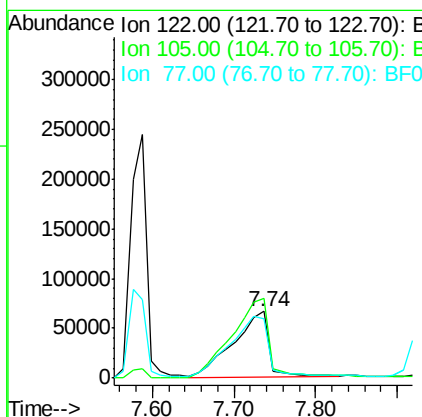
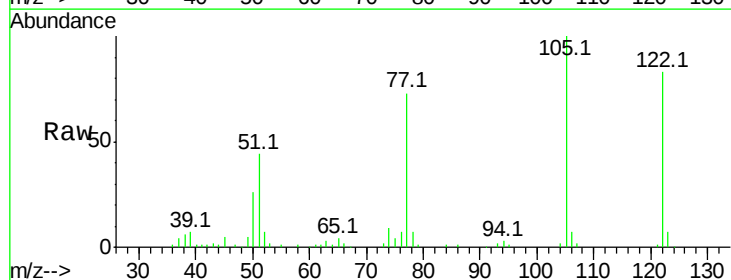
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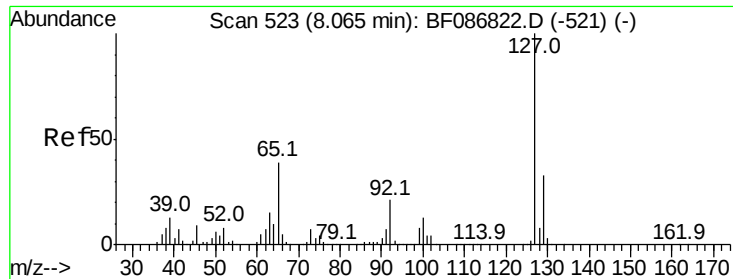
sohil
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#32
Benzoic acid
Concen: 36.99 ng
RT: 7.74 min Scan# 538
Delta R.T. -0.01 min
Lab File: BF086978.D
Acq: 13 May 2016 18:38

Tgt Ion:122 Resp: 197051
Ion Ratio Lower Upper
122 100
105 120.8 92.6 132.6
77 88.7 60.0 100.0





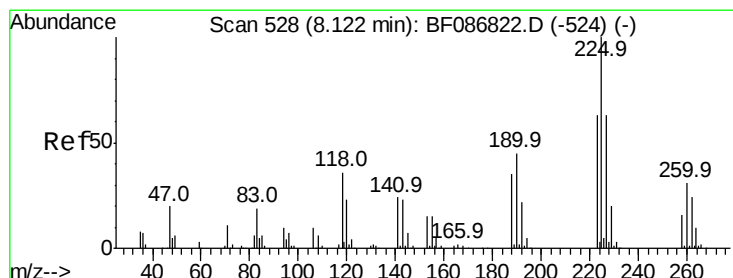
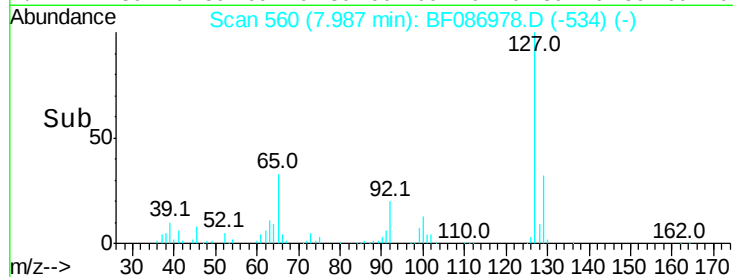
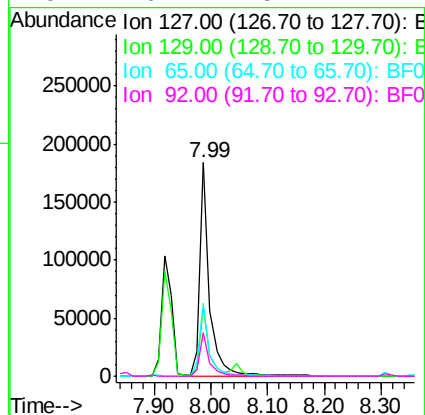
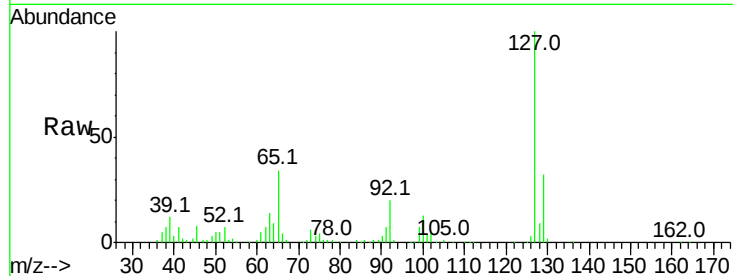
#33
4-Chloroaniline
Concen: 18.69 ng
RT: 7.99 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF086978.D
Acq: 13 May 2016 18:38

Instrument :
BNA_F
ClientSampled :
PB90587BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.3	26.2	39.4		
65	34.4	23.0	34.4		
92	20.4	15.1	22.7		

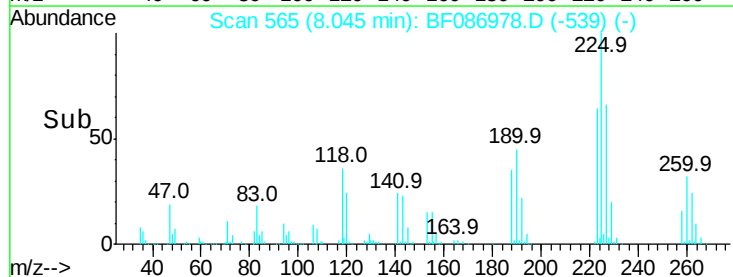
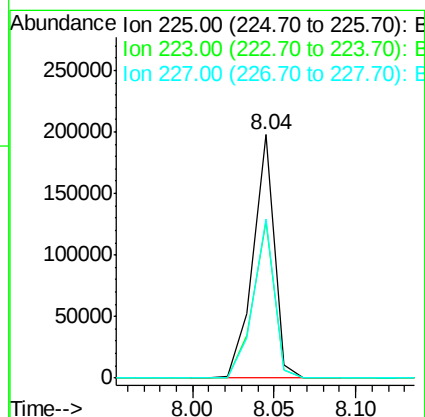
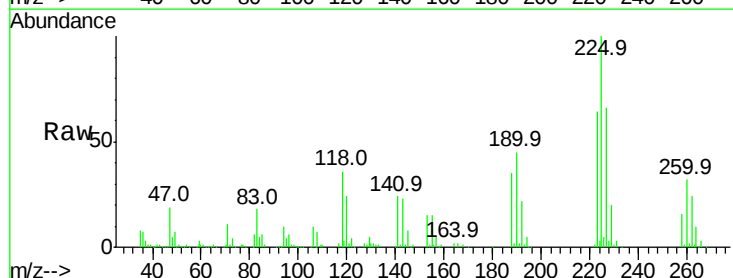
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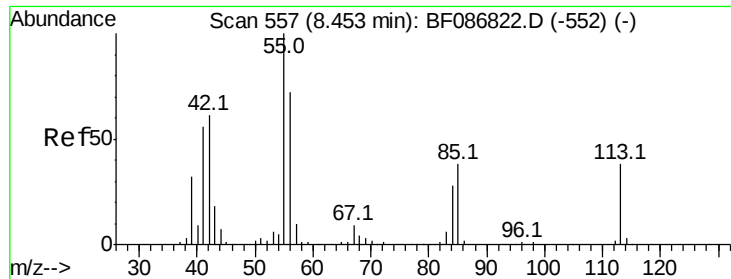
sohil
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#34
Hexachlorobutadiene
Concen: 34.73 ng
RT: 8.04 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF086978.D
Acq: 13 May 2016 18:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.5	51.5	77.3		
227	65.5	52.2	78.2		





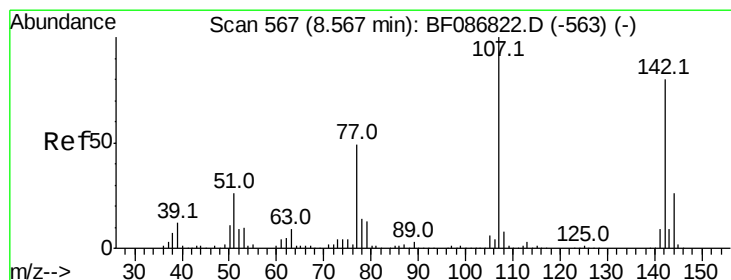
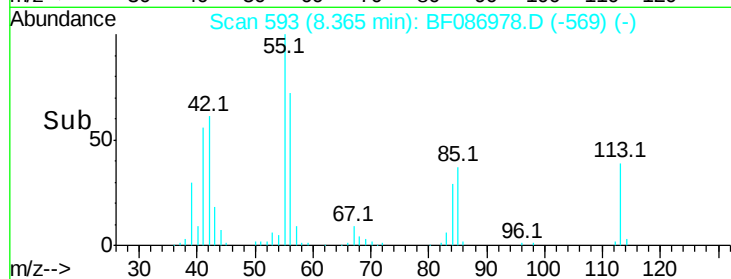
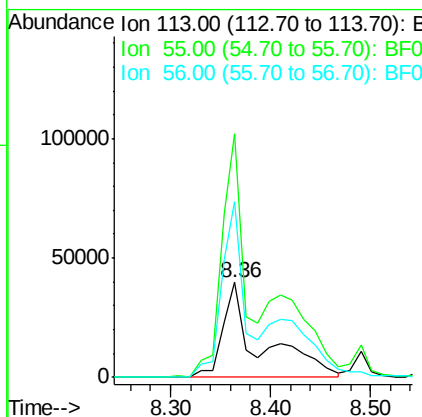
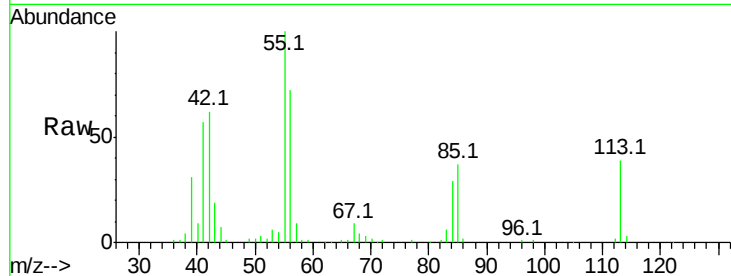
#35
 Caprolactam
 Concen: 38.16 ng/ml
 RT: 8.36 min Scan# 593
 Delta R.T. -0.02 min
 Lab File: BF086978.D
 Acq: 13 May 2016 18:38

Instrument :
 BNA_F
 ClientSampleId :
 PB90587BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	256.0	162.0	202.0#
56	184.3	115.3	155.3#

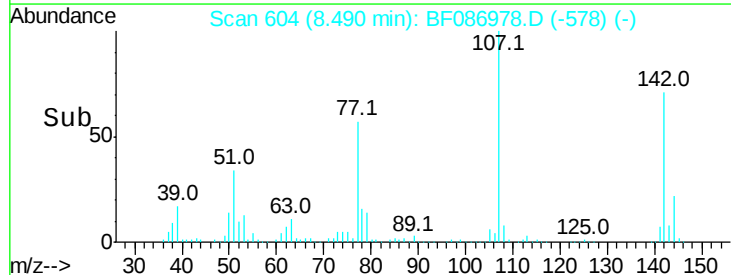
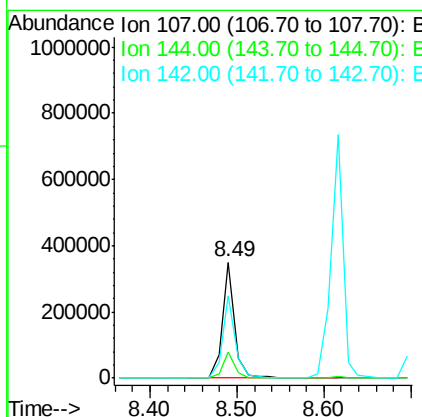
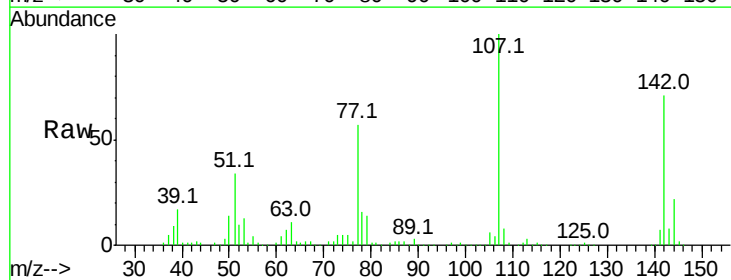
Manual Integrations
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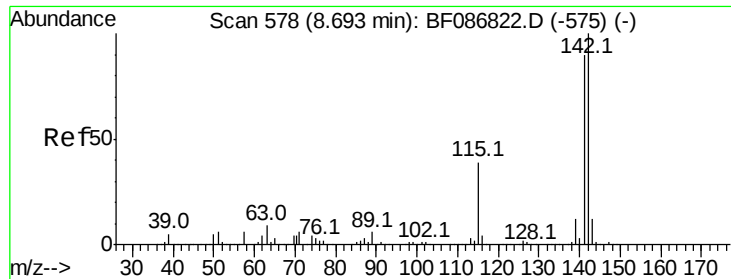
sohil
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#36
 4-Chloro-3-methylphenol
 Concen: 36.52 ng/ml
 RT: 8.49 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BF086978.D
 Acq: 13 May 2016 18:38

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.2	20.7	31.1
142	70.9	63.2	94.8





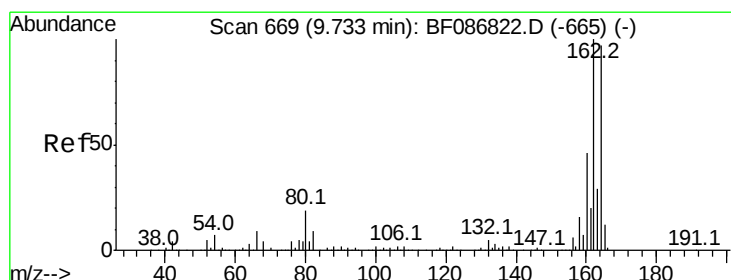
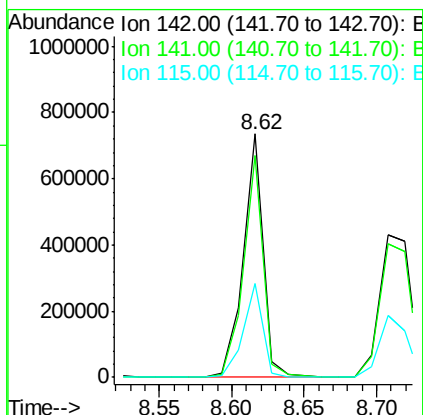
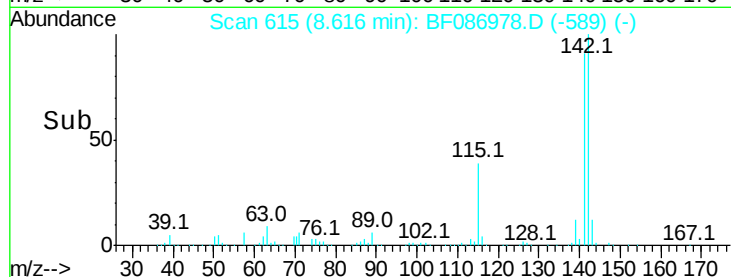
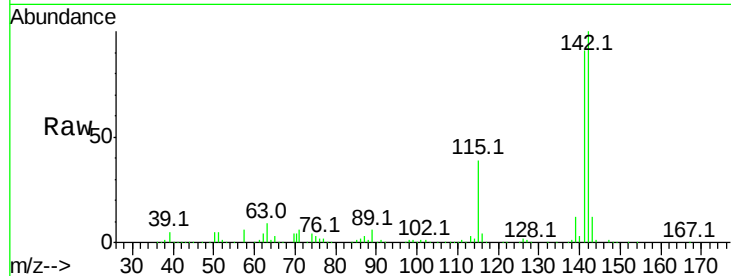
#37
2-Methylnaphthalene
Concen: 40.51 ng
RT: 8.62 min Scan# 615
Delta R.T. 0.00 min
Lab File: BF086978.D
Acq: 13 May 2016 18:38

Instrument :
BNA_F
ClientSampleId :
PB90587BS

Tot Ion:	142	Resp:	701467
Ion Ratio	Lower	Upper	
142	100		
141	91.1	71.0	106.6
115	38.8	26.6	39.8

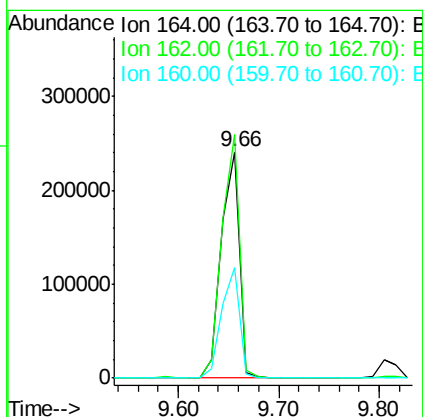
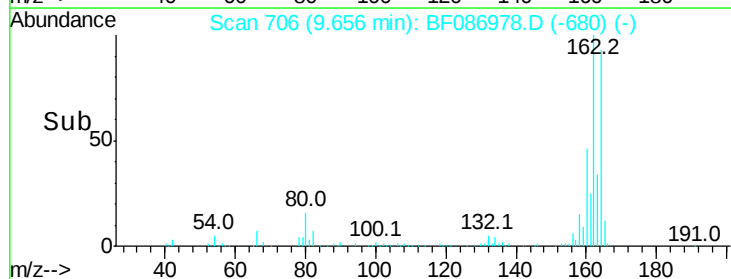
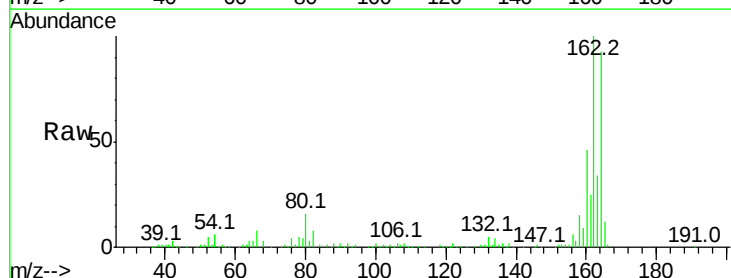
Manual Integrations
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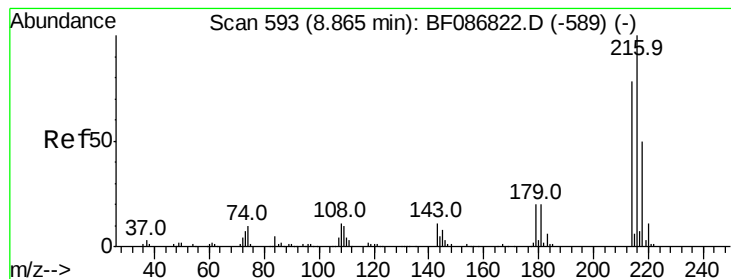
sohil
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.66 min Scan# 706
Delta R.T. 0.00 min
Lab File: BF086978.D
Acq: 13 May 2016 18:38

Tgt Ion:	164	Resp:	301793
Ion Ratio	Lower	Upper	
164	100		
162	107.6	82.8	124.2
160	49.0	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.84 ng

RT: 8.79 min Scan# 630

Delta R.T. 0.00 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

Instrument :

BNA_F

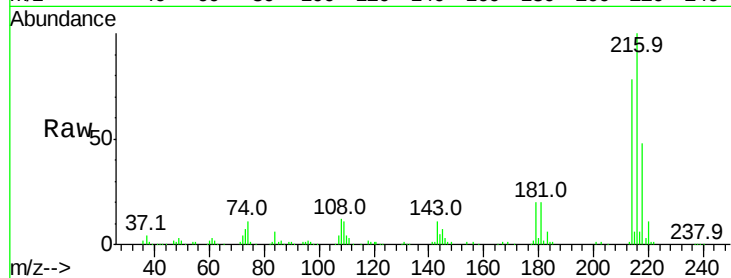
ClientSampleId :

PB90587BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	80.2	62.6	93.8
179	23.3	18.2	27.4
108	24.0	17.5	26.3

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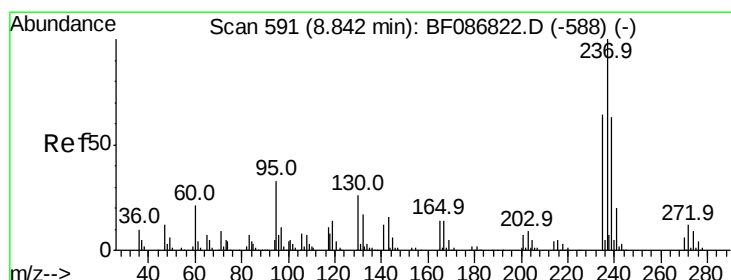
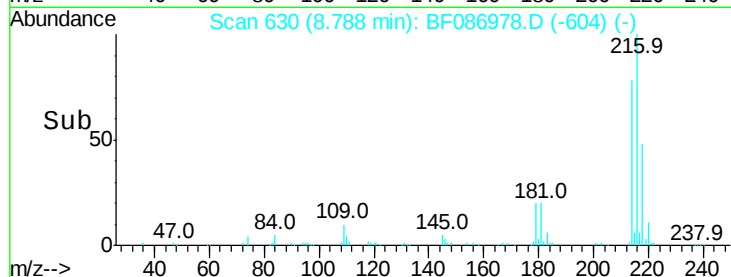
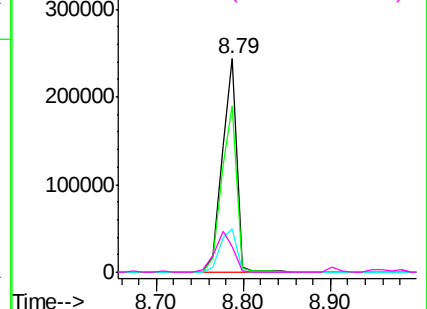


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 63.18 ng

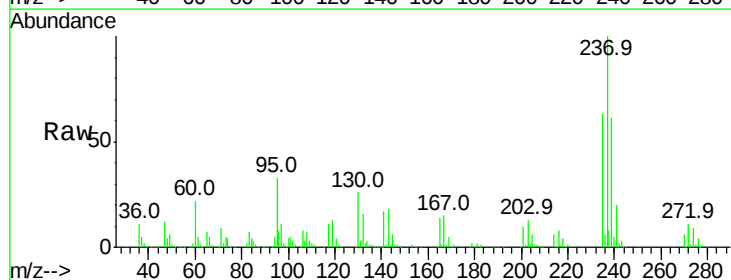
RT: 8.76 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

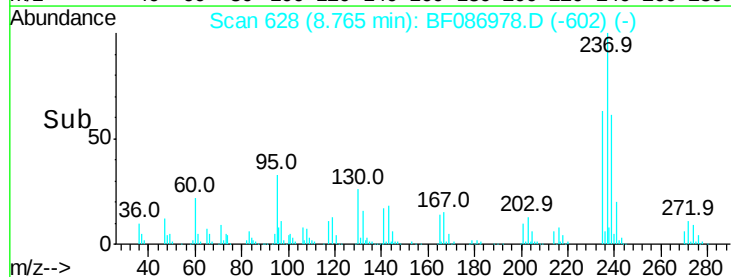
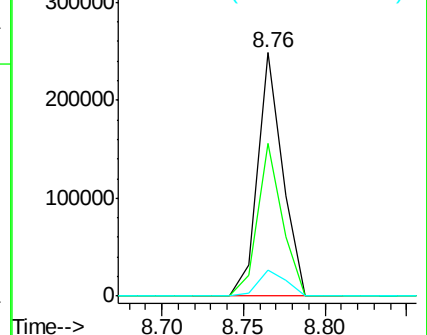
Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	62.9	47.2	87.2
272	10.9	0.0	31.1

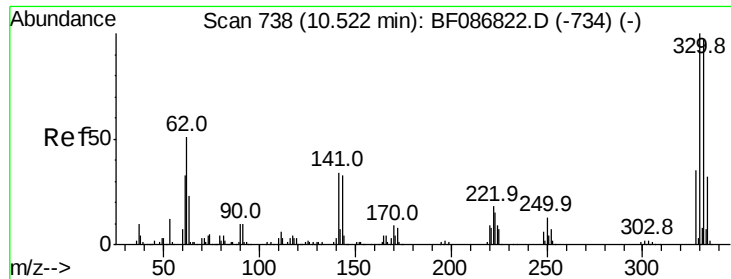


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





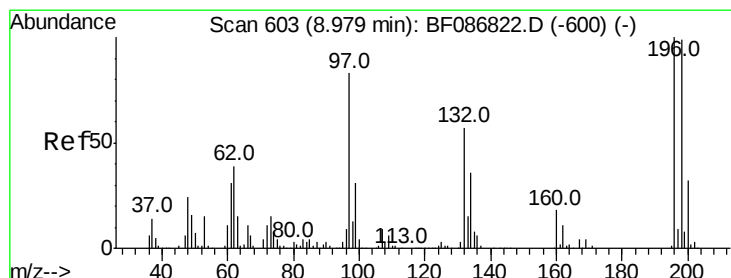
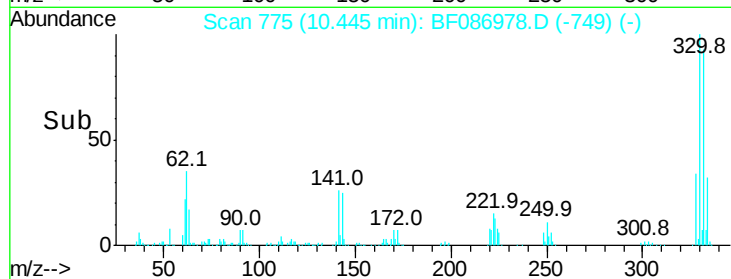
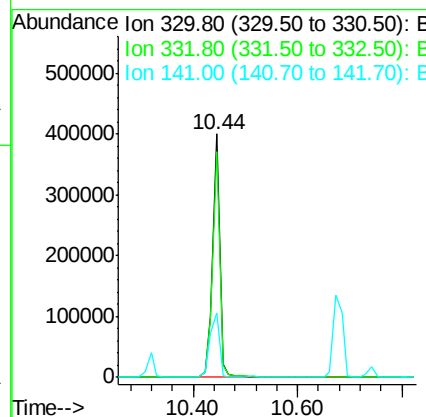
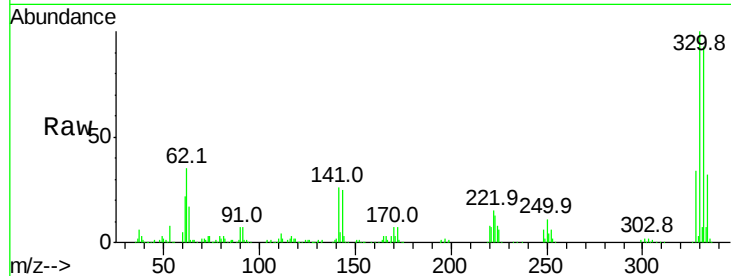
#41
 2,4,6-Tribromophenol
 Concen: 118.93 ng
 RT: 10.44 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF086978.D
 Acq: 13 May 2016 18:38

Instrument :
 BNA_F
 ClientSampleId :
 PB90587BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	93.8	79.0	118.4	
141	34.8	31.2	46.8	

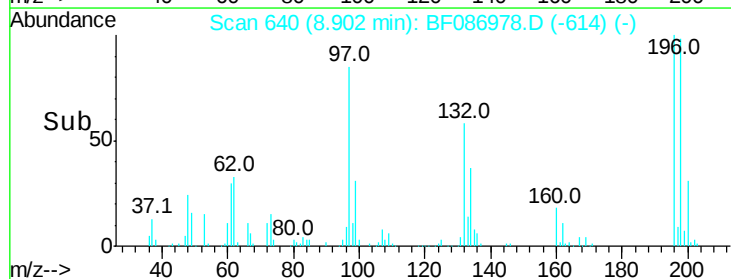
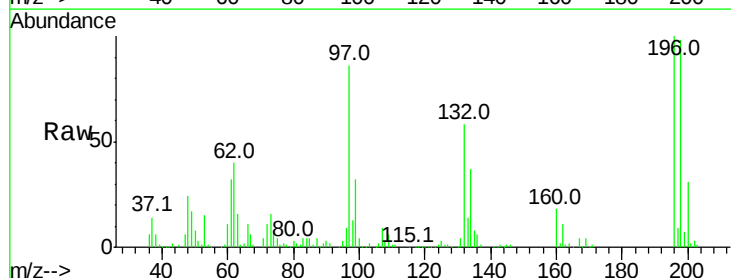
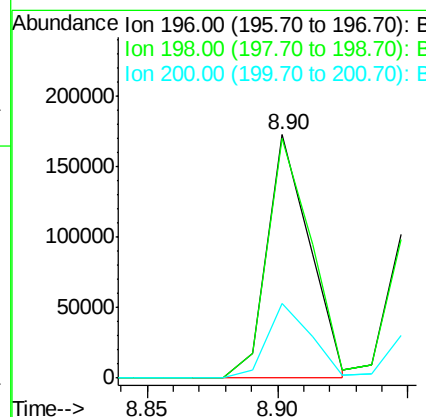
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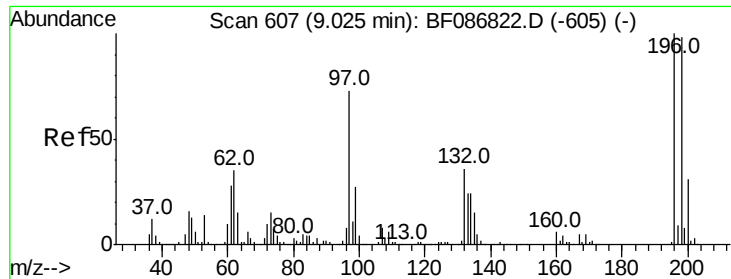
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#42
 2,4,6-Trichlorophenol
 Concen: 33.10 ng
 RT: 8.90 min Scan# 640
 Delta R.T. 0.00 min
 Lab File: BF086978.D
 Acq: 13 May 2016 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	98.4	74.7	112.1	
200	30.9	23.8	35.6	





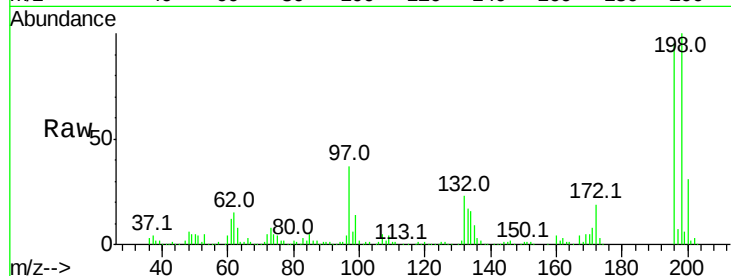
#43
 2,4,5-Trichlorophenol
 Concen: 33.70 ng
 RT: 8.96 min Scan# 645
 Delta R.T. 0.00 min
 Lab File: BF086978.D
 Acq: 13 May 2016 18:38

Instrument :
 BNA_F
 ClientSampleID :
 PB90587BS

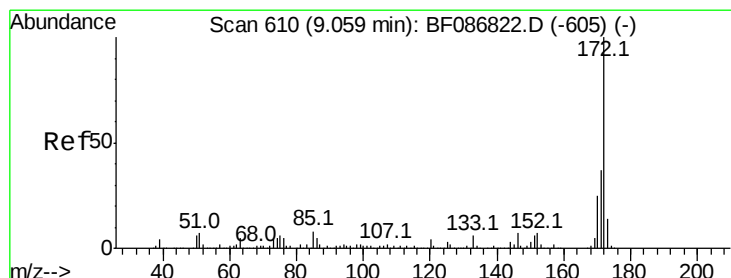
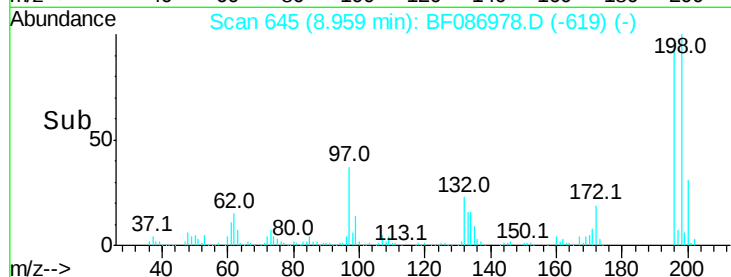
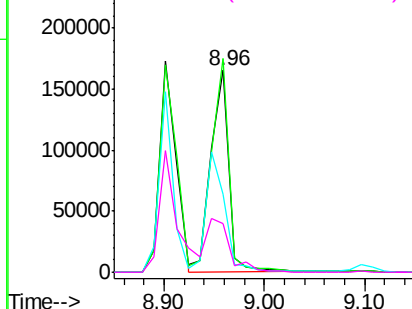
Tot Ion:	196	Resp:	204477
Ion Ratio	Lower	Upper	
196	100		
198	105.7	77.5	116.3
97	38.8	34.8	52.2
132	24.1	23.0	34.4

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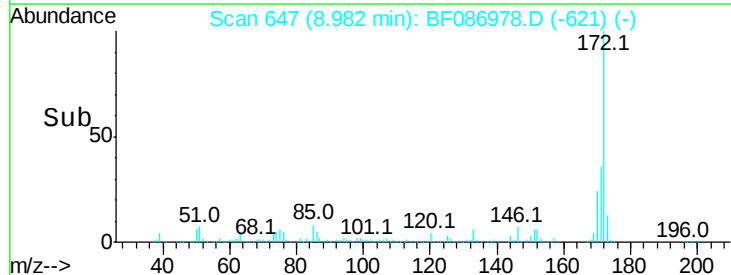
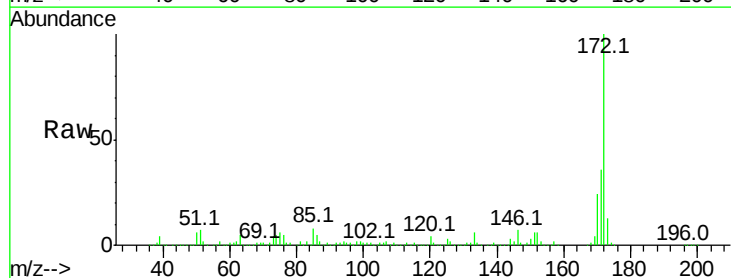
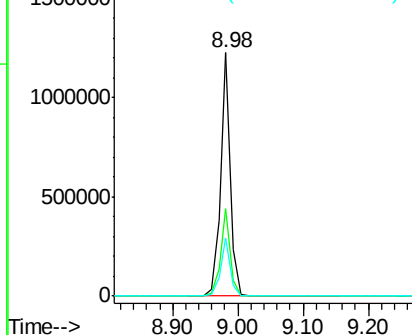
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

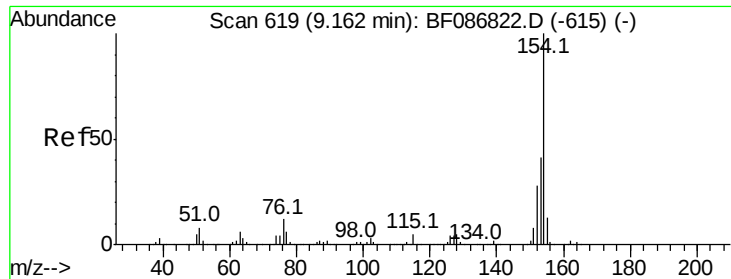


#44
 2-Fluorobiphenyl
 Concen: 72.68 ng
 RT: 8.98 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF086978.D
 Acq: 13 May 2016 18:38

Tgt Ion:	172	Resp:	1305083
Ion Ratio	Lower	Upper	
172	100		
171	36.0	29.0	43.6
170	23.9	19.8	29.8

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





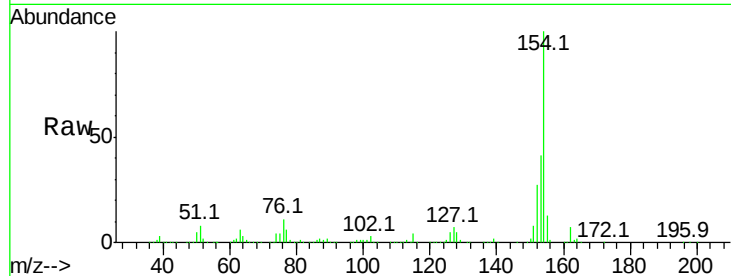
#45
 1,1'-Biphenyl
 Concen: 36.89 ng
 RT: 9.08 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: BF086978.D
 Acq: 13 May 2016 18:38

Instrument :
 BNA_F
 ClientSampled :
 PB90587BS

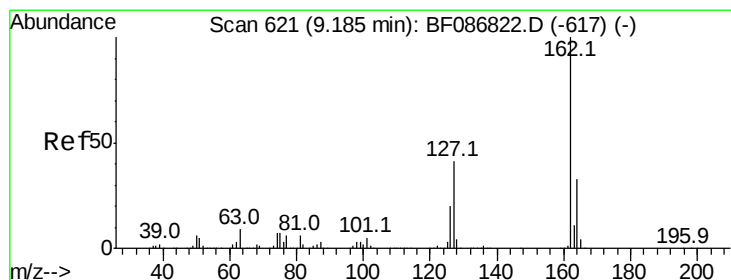
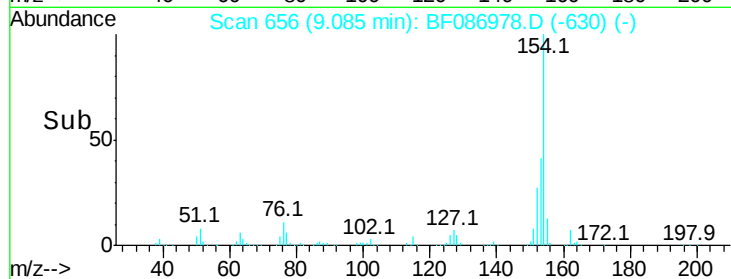
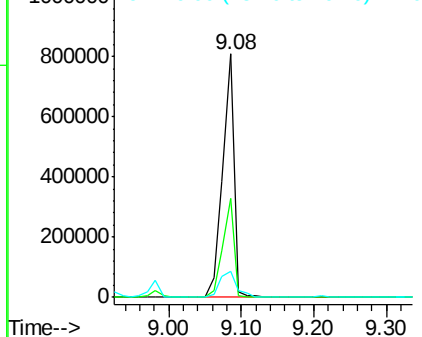
Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.6	20.3	60.3	
76	10.8	0.0	30.2	

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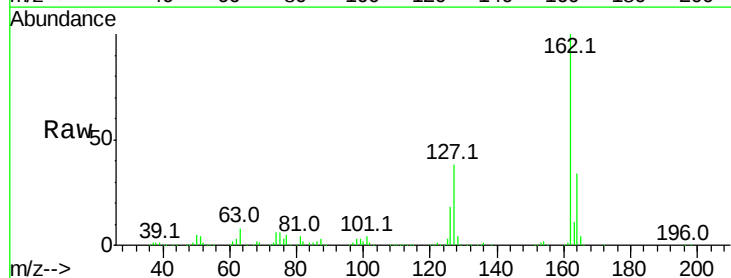


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

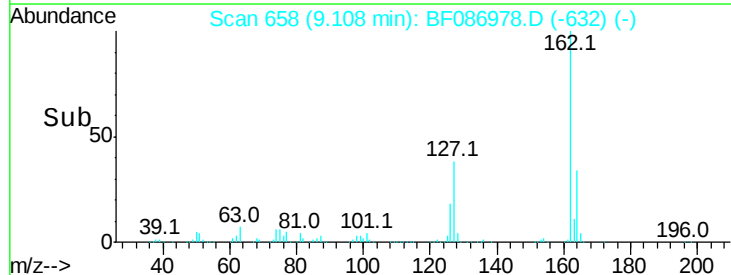
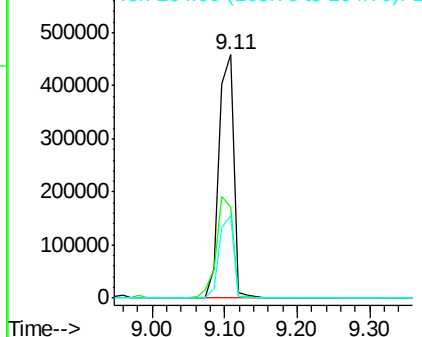


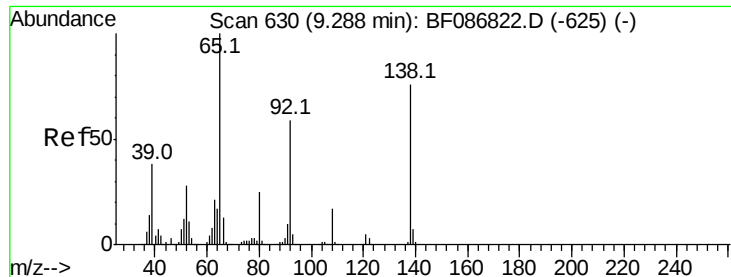
#46
 2-Chloronaphthalene
 Concen: 34.49 ng
 RT: 9.11 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: BF086978.D
 Acq: 13 May 2016 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	37.7	31.8	47.6	
164	33.9	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: 36.96 ng

RT: 9.21 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

Instrument :

BNA_F

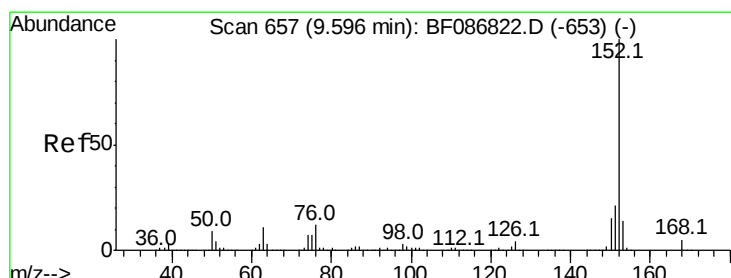
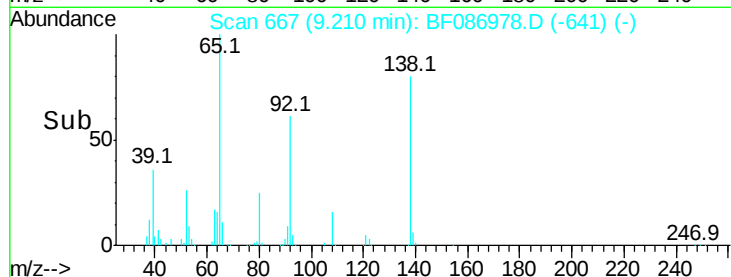
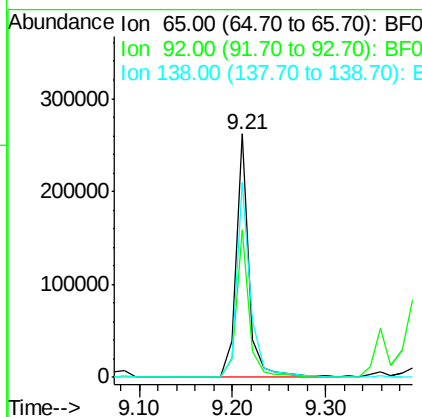
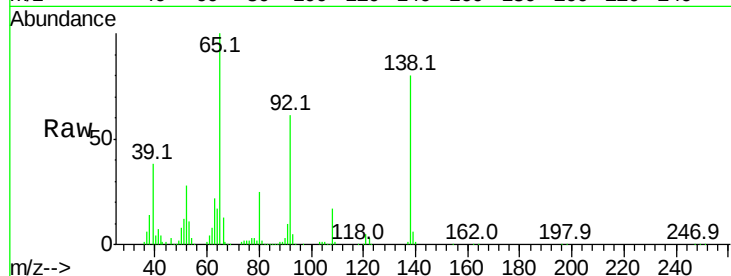
ClientSampleId :

PB90587BS

Tot Ion:	65	Resp:	254058
Ion Ratio	Lower	Upper	
65	100		
92	60.7	57.4	86.2
138	79.8	90.1	135.1#

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#48

Acenaphthylene

Concen: 37.36 ng

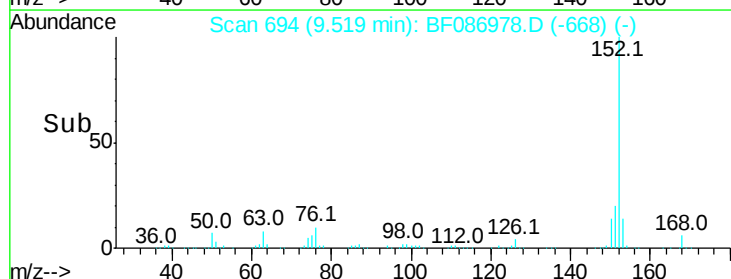
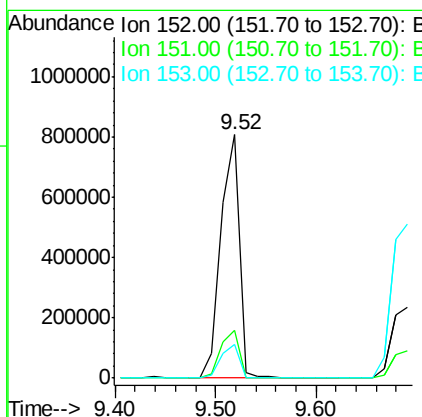
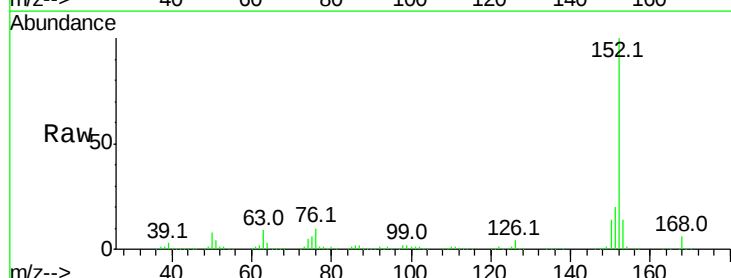
RT: 9.52 min Scan# 694

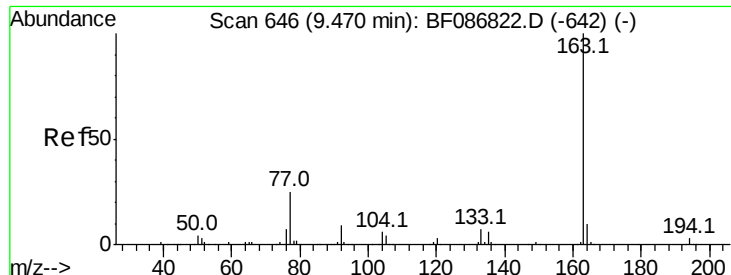
Delta R.T. 0.00 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

Tgt Ion:	152	Resp:	1033544
Ion Ratio	Lower	Upper	
152	100		
151	19.6	16.8	25.2
153	13.6	10.9	16.3





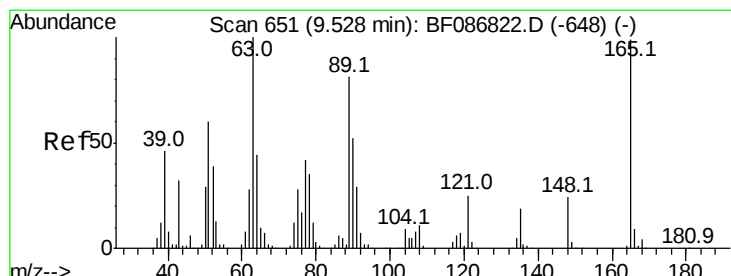
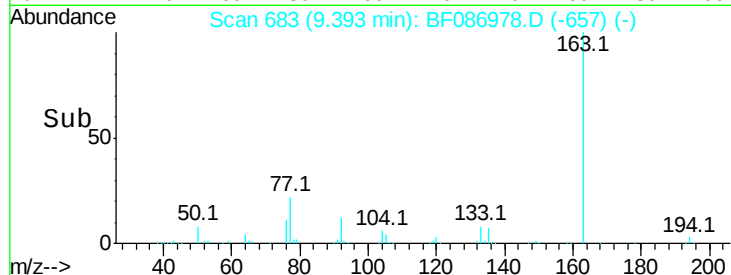
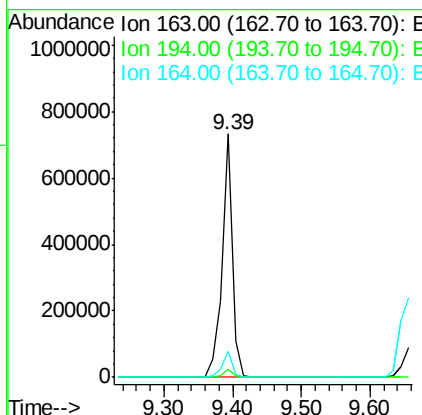
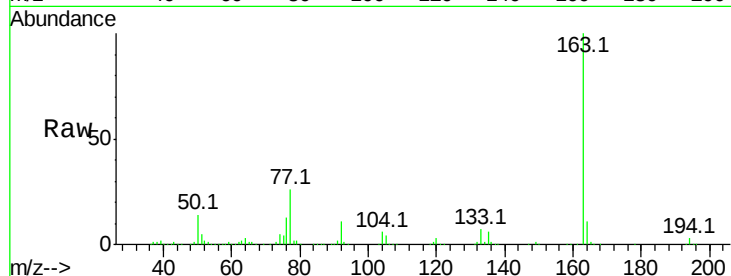
#49
 Dimethylphthalate
 Concen: 33.94 ng
 RT: 9.39 min Scan# 683
 Delta R.T. 0.00 min
 Lab File: BF086978.D
 Acq: 13 May 2016 18:38

Instrument :
 BNA_F
 ClientSampleID :
 PB90587BS

Tot Ion:	163	Resp:	781390
Ion Ratio	Lower	Upper	
163	100		
194	3.2	2.6	4.0
164	10.7	8.2	12.4

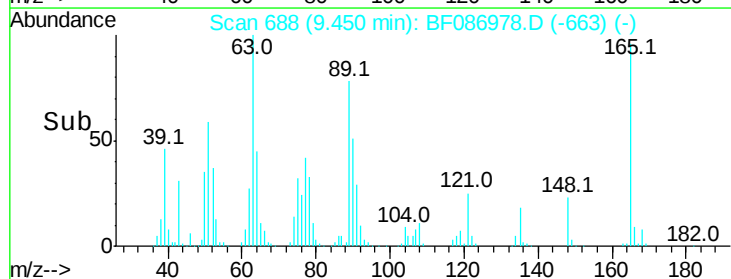
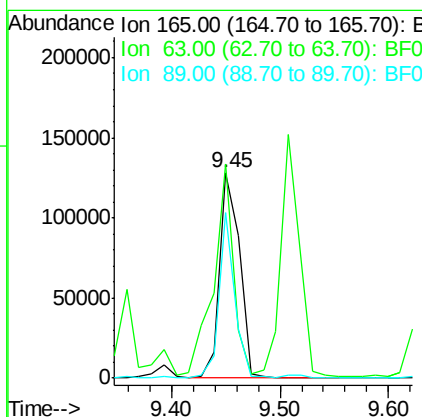
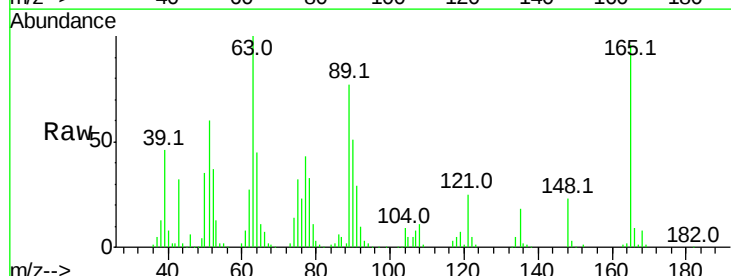
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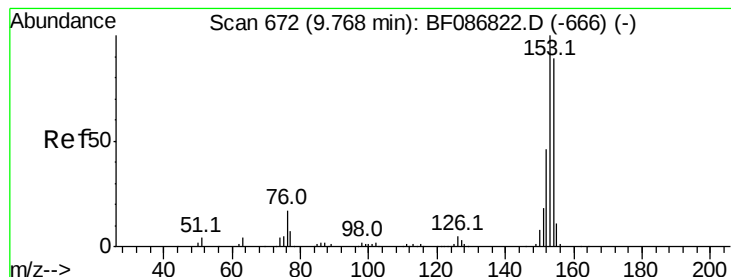
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#50
 2,6-Dinitrotoluene
 Concen: 34.01 ng
 RT: 9.45 min Scan# 688
 Delta R.T. -0.01 min
 Lab File: BF086978.D
 Acq: 13 May 2016 18:38

Tgt Ion:	165	Resp:	164784
Ion Ratio	Lower	Upper	
165	100		
63	104.3	51.8	77.8#
89	80.6	50.7	76.1#





#51

Acenaphthene

Concen: 37.13 ng

RT: 9.69 min Scan# 709

Delta R.T. 0.00 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

Instrument :

BNA_F

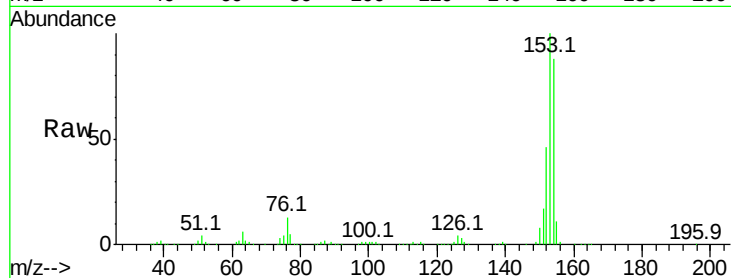
ClientSampleId :

PB90587BS

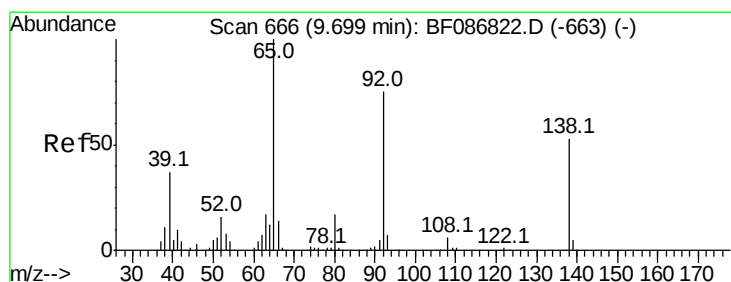
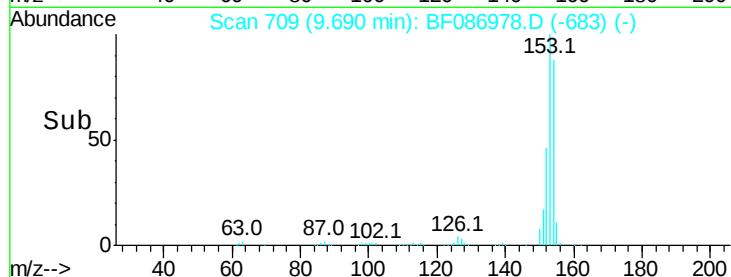
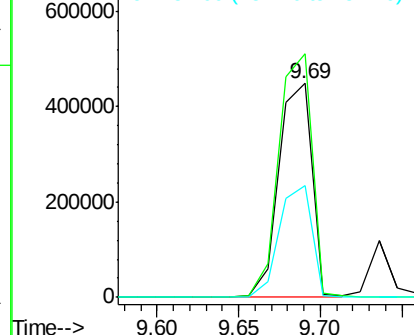
Tot Ion:	154	Resp:	638969
Ion Ratio	Lower	Upper	
154	100		
153	113.7	89.8	134.6
152	52.0	43.4	65.0

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



#52

3-Nitroaniline

Concen: 23.64 ng

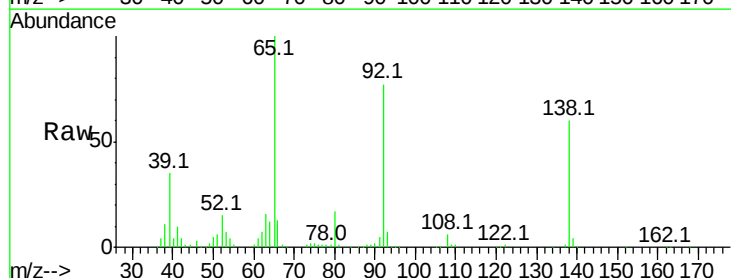
RT: 9.62 min Scan# 703

Delta R.T. -0.01 min

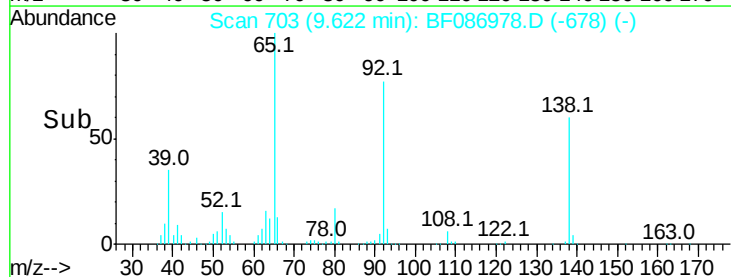
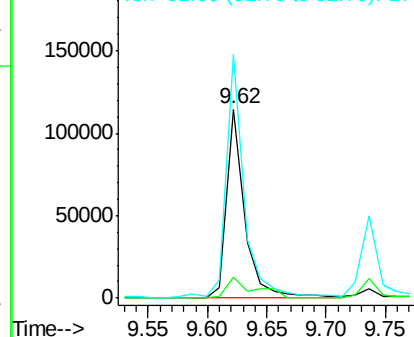
Lab File: BF086978.D

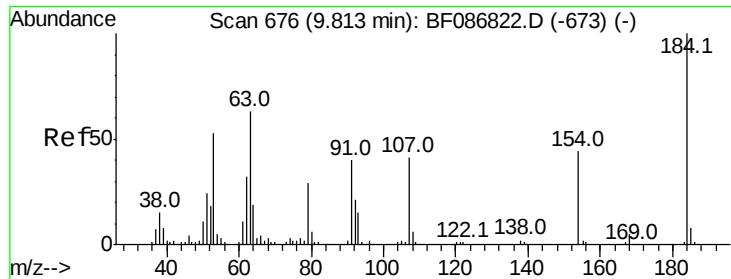
Acq: 13 May 2016 18:38

Tgt Ion:	138	Resp:	120582
Ion Ratio	Lower	Upper	
138	100		
108	10.8	7.8	11.6
92	128.8	87.8	131.8



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





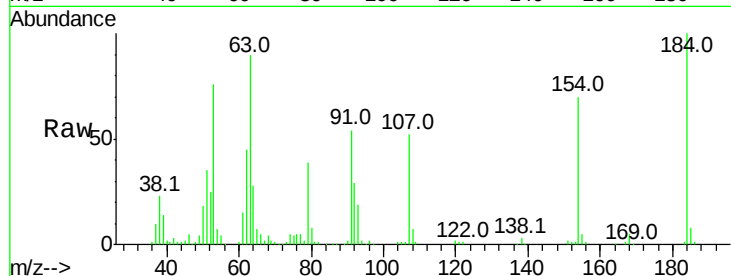
#53
 2,4-Dinitrophenol
 Concen: 72.77 ng
 RT: 9.74 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: BF086978.D
 Acq: 13 May 2016 18:38

Instrument :
 BNA_F
 ClientSampleId :
 PB90587BS

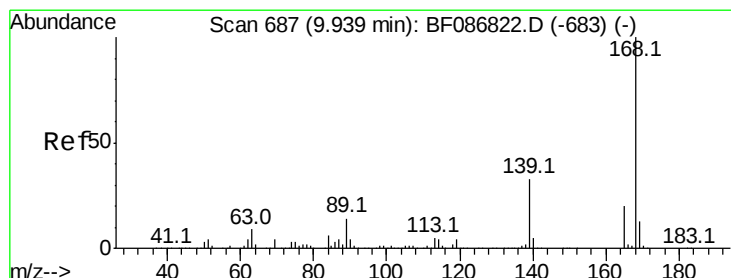
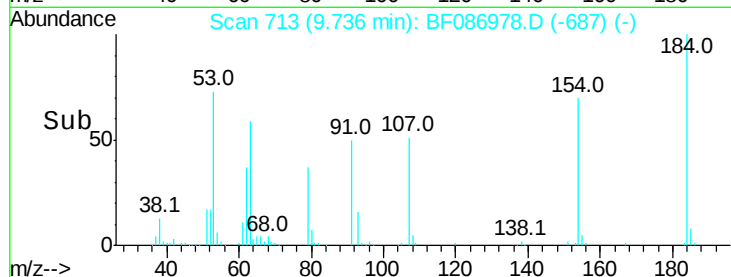
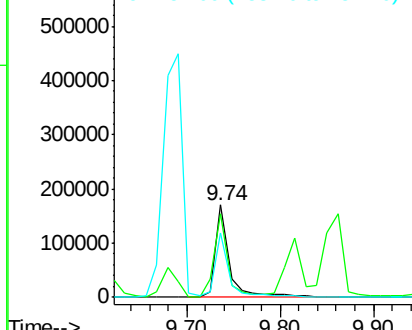
Tot Ion	Ratio	Resp	Lower	Upper
184	100	178288		
63	90.5	55.8	83.8#	
154	70.3	62.4	93.6	

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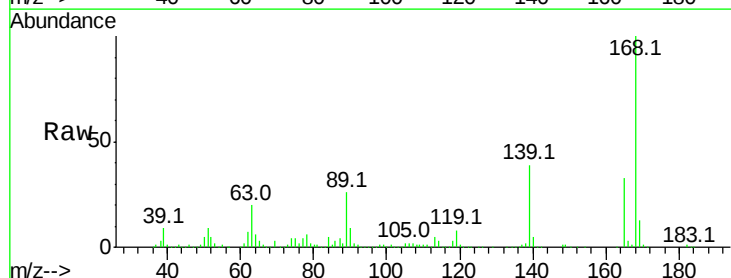


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

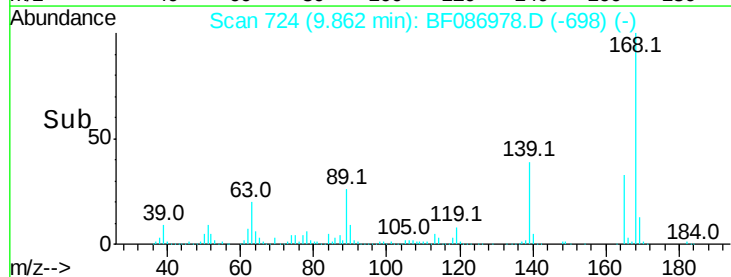
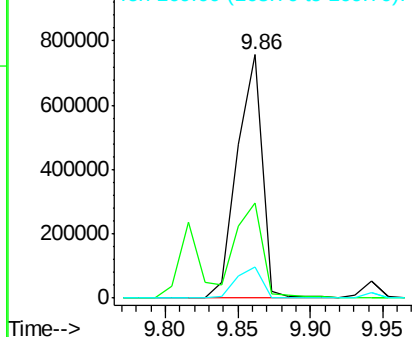


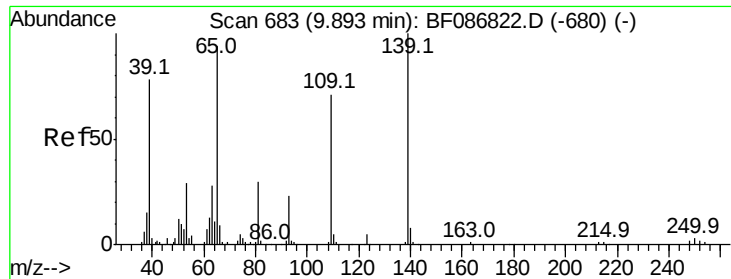
#54
 Dibenzofuran
 Concen: 41.07 ng
 RT: 9.86 min Scan# 724
 Delta R.T. 0.00 min
 Lab File: BF086978.D
 Acq: 13 May 2016 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	907112		
139	39.2	31.4	47.0	
169	12.8	10.7	16.1	



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 73.72 ng

RT: 9.82 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

Instrument :

BNA_F

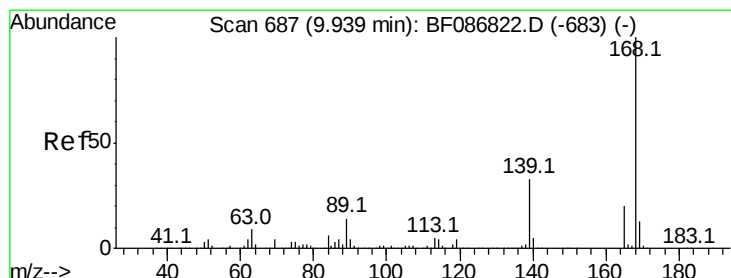
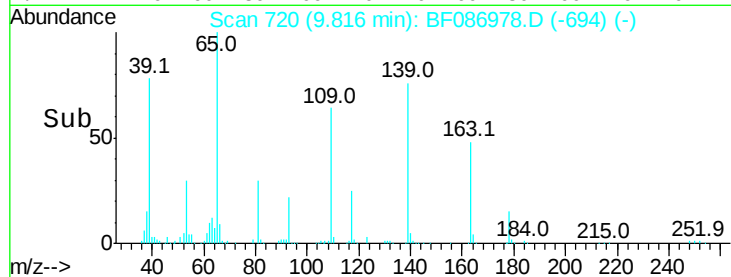
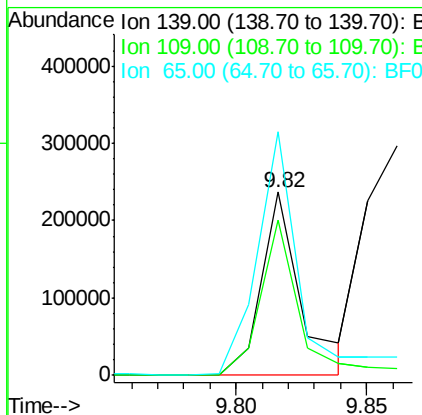
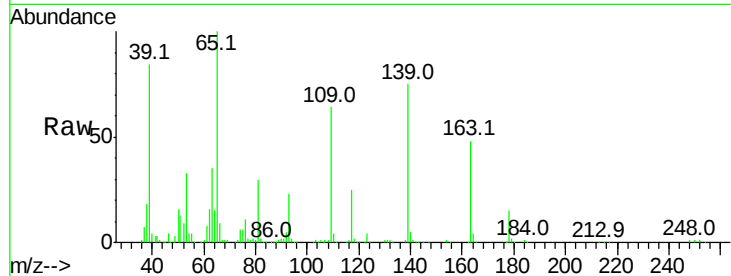
ClientSampleId :

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Tot Ion:	139	Resp:	249461
Ion Ratio	Lower	Upper	
139	100		
109	84.9	36.9	76.9#
65	133.0	64.0	104.0#

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#56

2,4-Dinitrotoluene

Concen: 41.23 ng

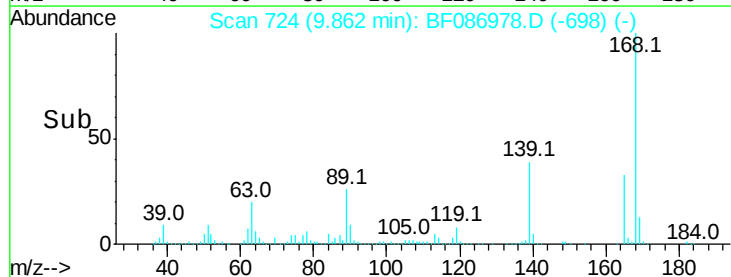
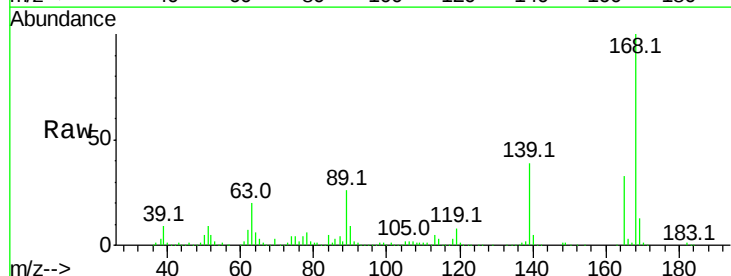
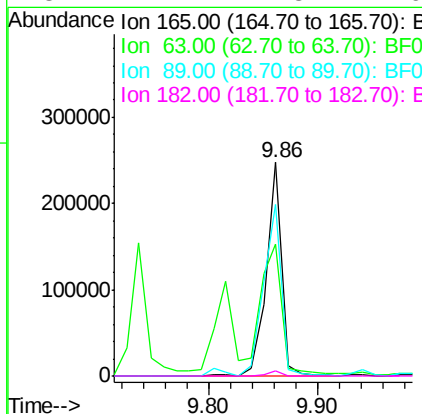
RT: 9.86 min Scan# 724

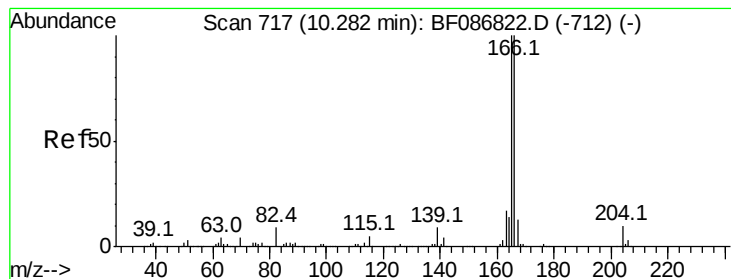
Delta R.T. 0.00 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

Tgt Ion:	165	Resp:	247213
Ion Ratio	Lower	Upper	
165	100		
63	61.8	44.3	66.5
89	80.5	70.0	105.0
182	2.4	1.8	2.6





#57

Fluorene

Concen: 36.73 ng

RT: 10.19 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

Instrument :

BNA_F

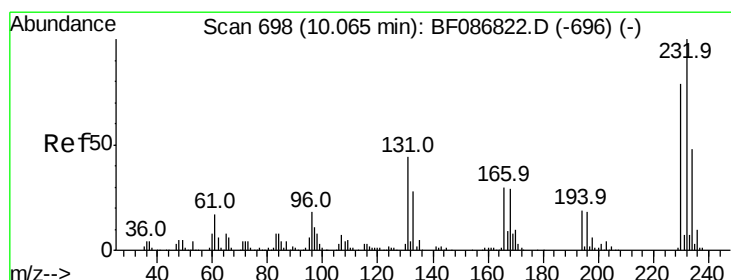
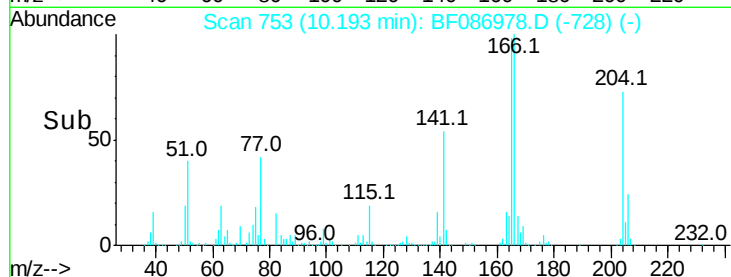
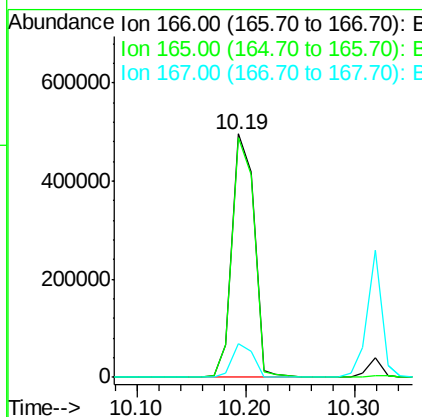
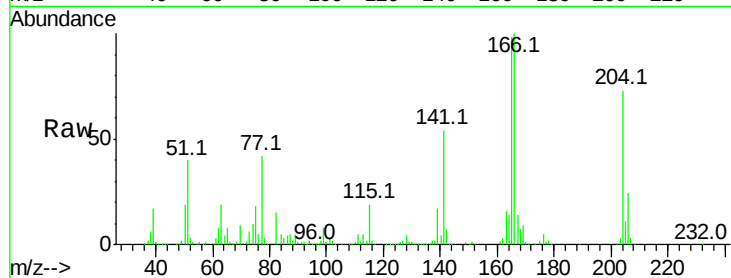
ClientSampleId :

PB90587BS

Tot Ion:	166	Resp:	691850
Ion Ratio	Lower	Upper	
166	100		
165	98.5	79.0	118.6
167	13.8	10.6	15.8

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#58

2,3,4,6-Tetrachlorophenol

Concen: 42.38 ng

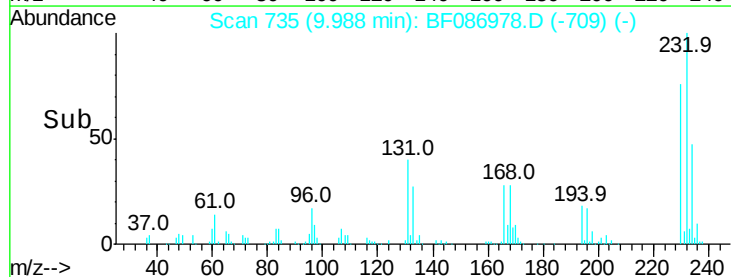
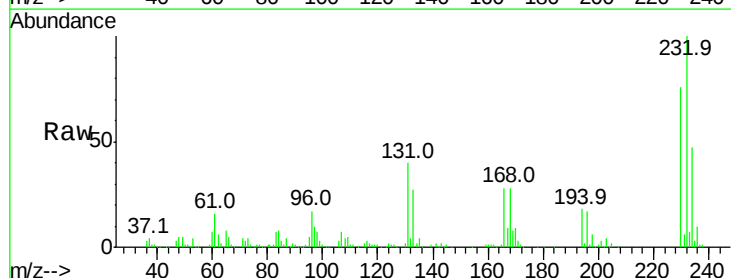
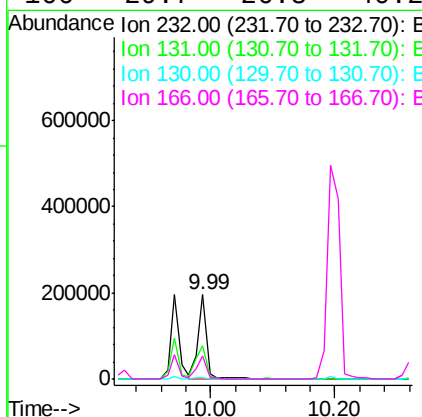
RT: 9.99 min Scan# 735

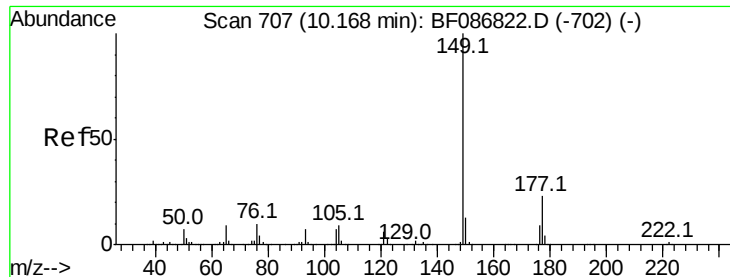
Delta R.T. 0.00 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

Tgt Ion:	232	Resp:	193587
Ion Ratio	Lower	Upper	
232	100		
131	48.0	41.9	62.9
130	2.5	2.2	3.4
166	29.7	26.8	40.2





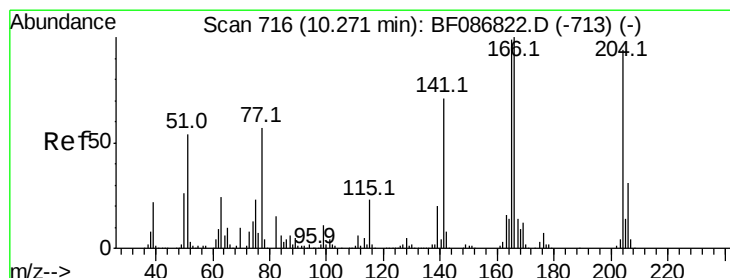
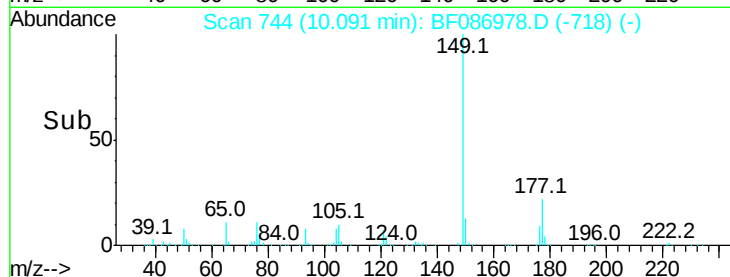
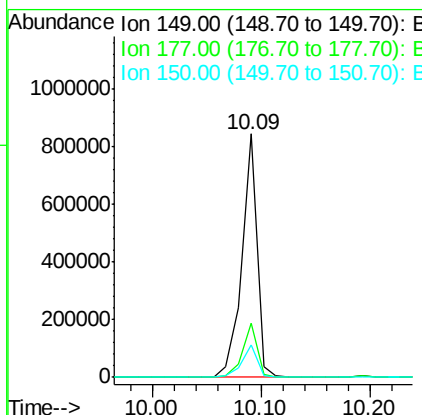
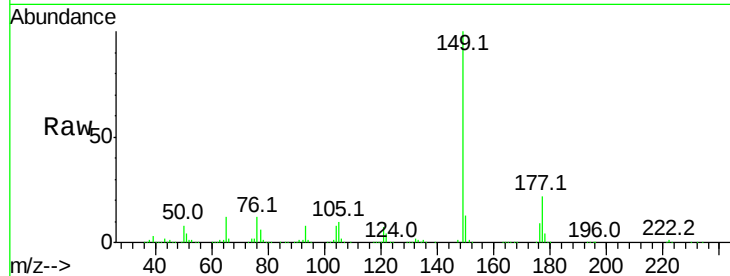
#59
Diethylphthalate
Concen: 35.74 ng
RT: 10.09 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF086978.D
Acq: 13 May 2016 18:38

Instrument :
BNA_F
ClientSampled :
PB90587BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	801955		
177	22.1	16.6	24.8	
150	13.1	10.0	15.0	

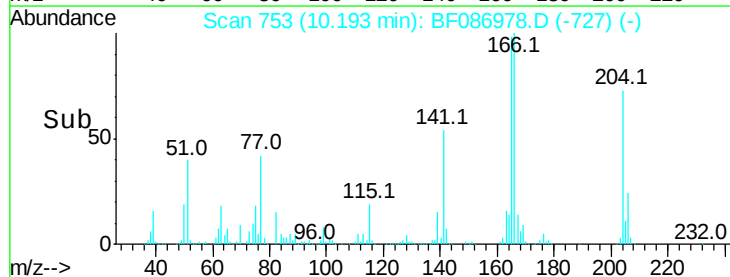
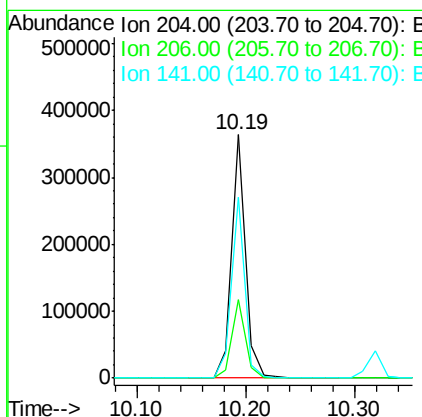
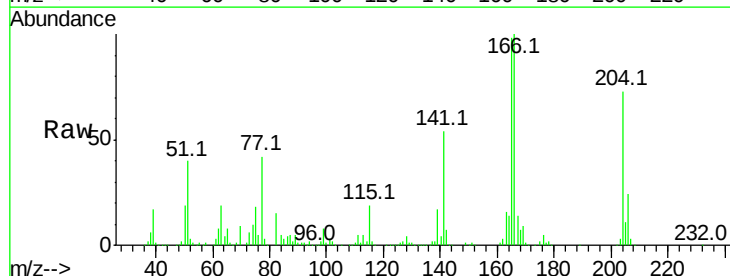
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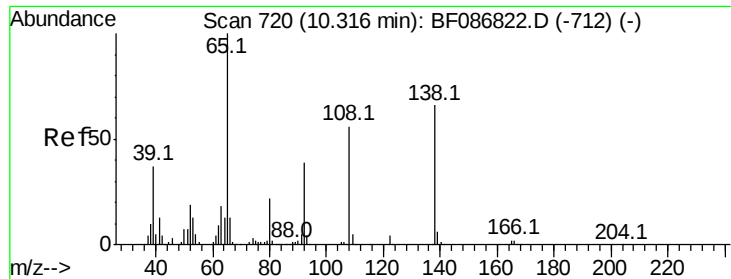
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#60
4-Chlorophenyl-phenylether
Concen: 36.84 ng
RT: 10.19 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF086978.D
Acq: 13 May 2016 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	316110		
206	32.4	25.4	38.0	
141	74.2	61.6	92.4	





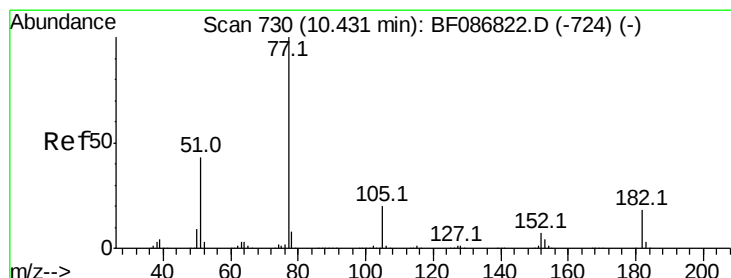
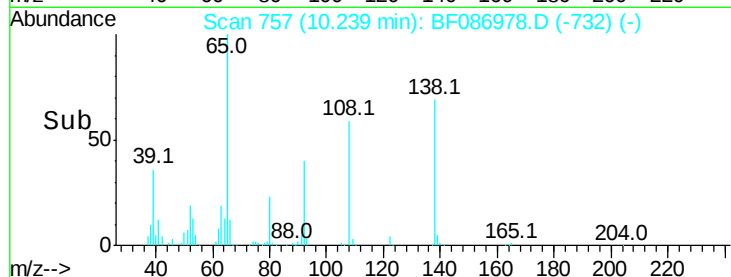
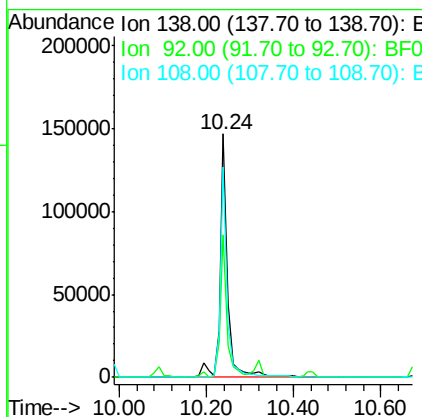
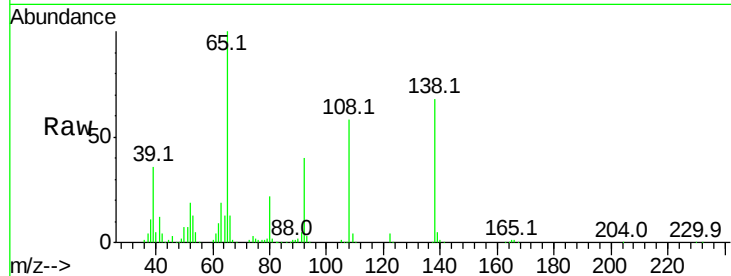
#61
4-Nitroaniline
Concen: 37.88 ng
RT: 10.24 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF086978.D
Acq: 13 May 2016 18:38

Instrument :
BNA_F
ClientSampleId :
PB90587BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	58.8	24.7	64.7	
108	86.4	37.4	77.4#	

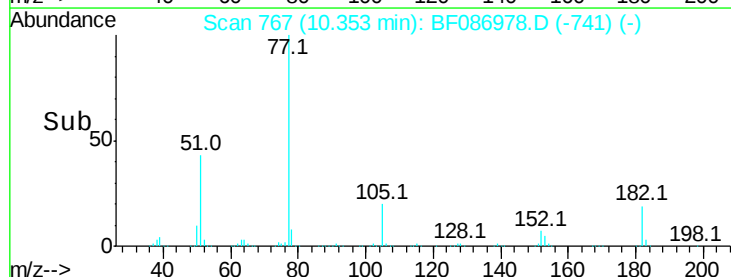
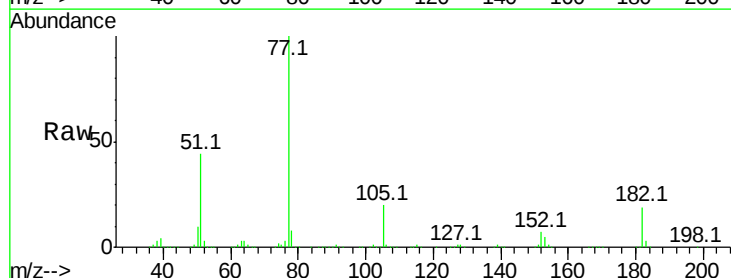
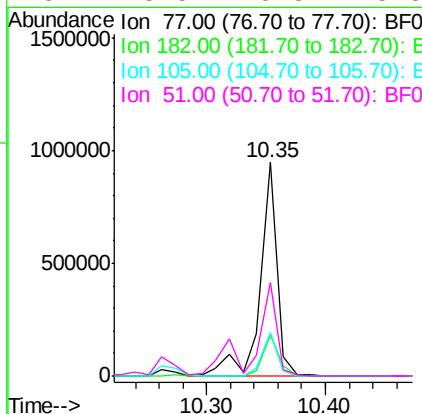
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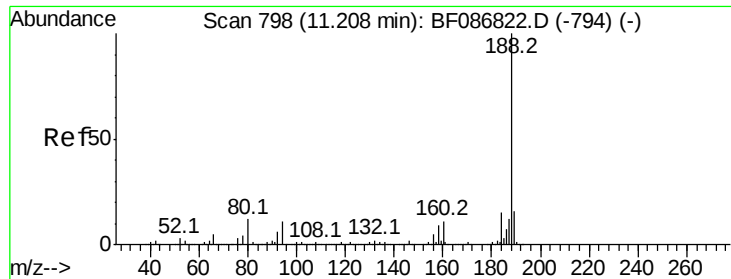
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5/14/2016 10:00:28 AM



#62
Azobenzene
Concen: 38.76 ng
RT: 10.35 min Scan# 767
Delta R.T. 0.00 min
Lab File: BF086978.D
Acq: 13 May 2016 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	19.5	0.0	38.8	
105	20.5	3.2	43.2	
51	43.5	8.8	48.8	





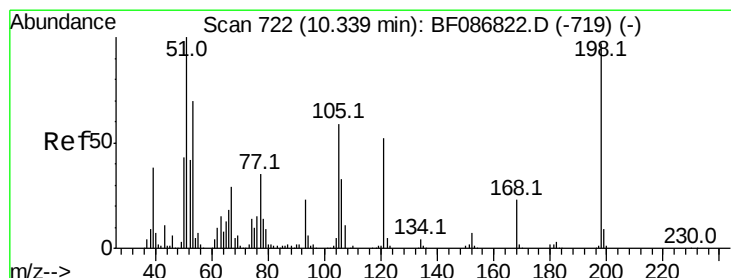
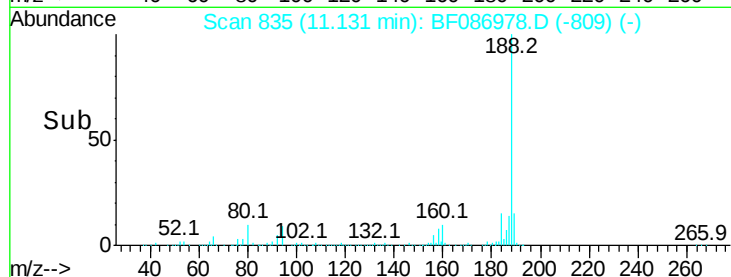
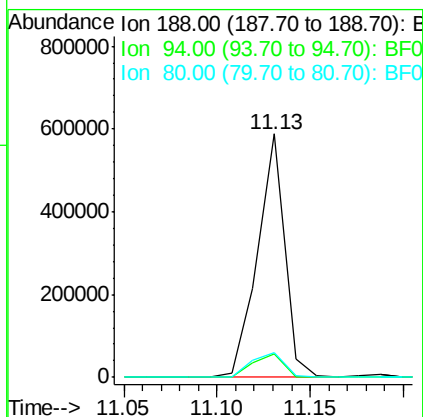
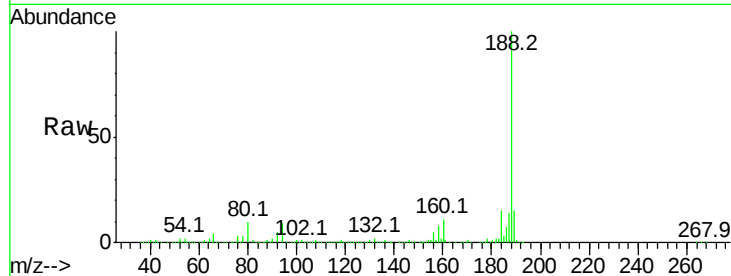
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF086978.D
Acq: 13 May 2016 18:38

Instrument :
BNA_F
ClientSampleId :
PB90587BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
188	100		590485		
94	9.4	6.8	10.2		
80	10.2	7.1	10.7		

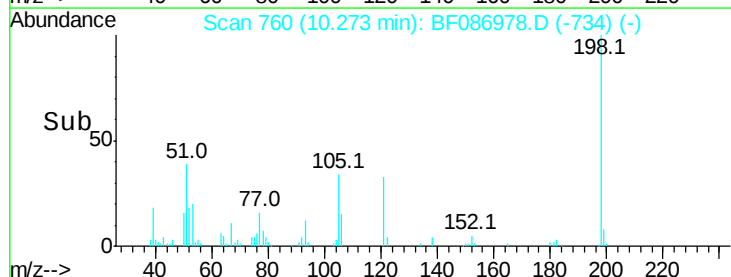
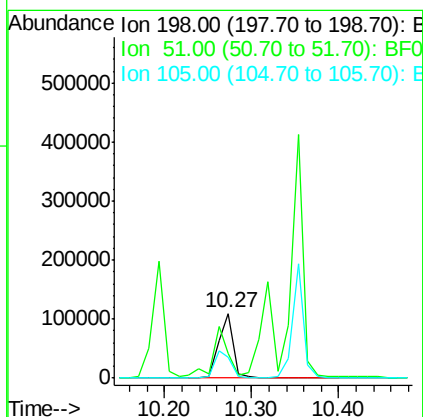
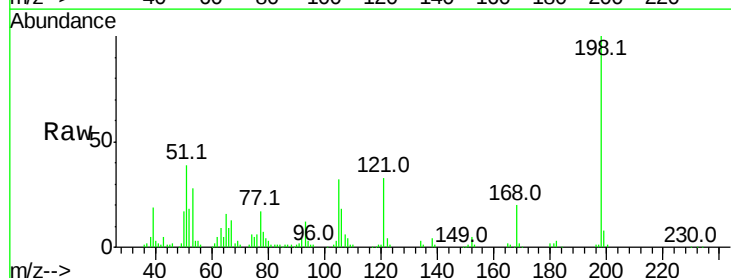
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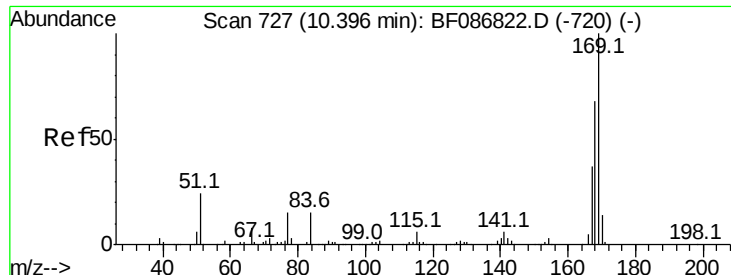
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#64
4,6-Dinitro-2-methylphenol
Concen: 36.01 ng
RT: 10.27 min Scan# 760
Delta R.T. 0.00 min
Lab File: BF086978.D
Acq: 13 May 2016 18:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
198	100		132109		
51	38.9	20.5	60.5		
105	32.5	24.5	64.5		





#65

n-Nitrosodiphenylamine

Concen: 36.51 ng

RT: 10.32 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

Instrument :

BNA_F

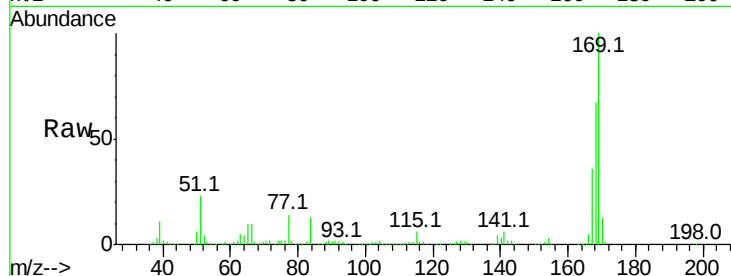
ClientSampleId :

PB90587BS

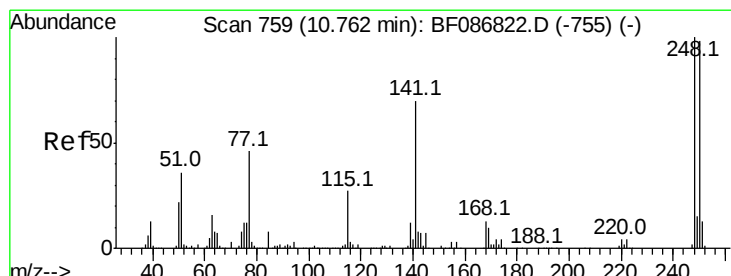
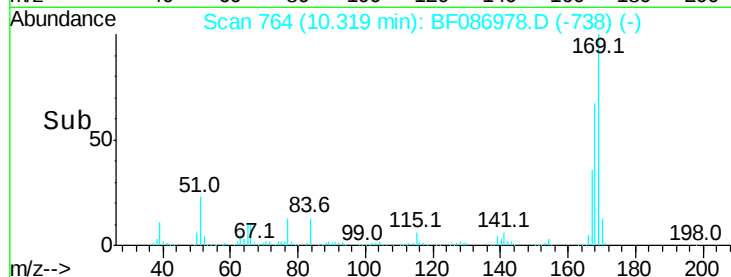
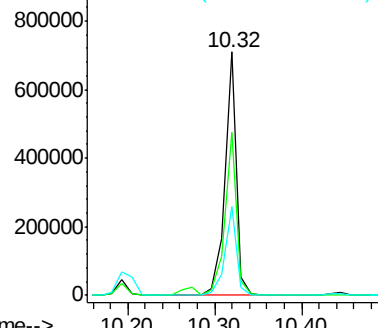
Tot Ion:	169	Resp:	662239
Ion Ratio	Lower	Upper	
169	100		
168	66.7	53.8	80.6
167	36.3	29.5	44.3

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



#66

4-Bromophenyl-phenylether

Concen: 35.36 ng

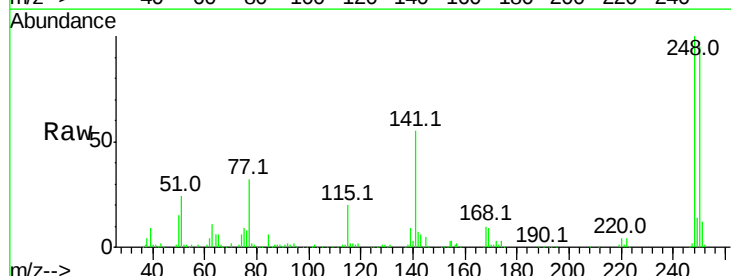
RT: 10.68 min Scan# 796

Delta R.T. 0.00 min

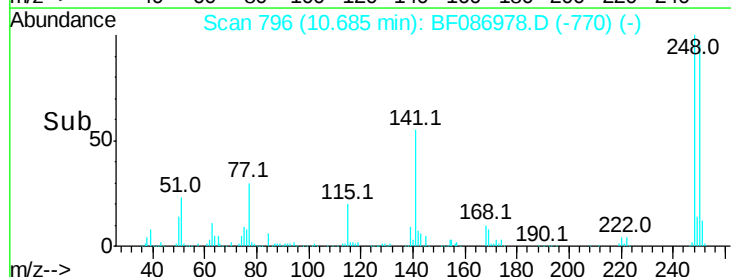
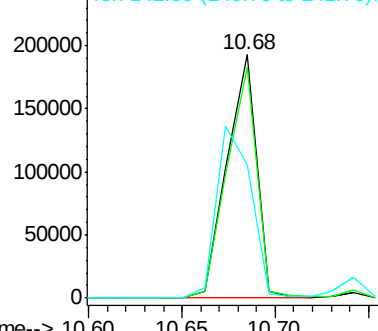
Lab File: BF086978.D

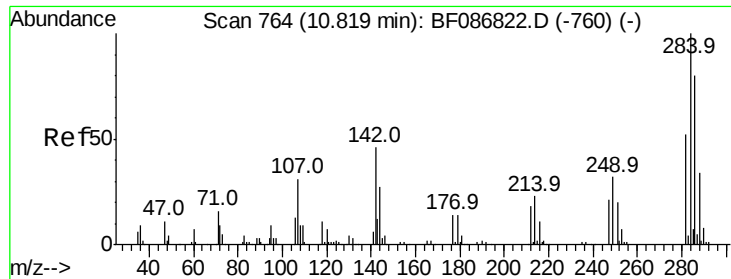
Acq: 13 May 2016 18:38

Tgt Ion:	248	Resp:	211683
Ion Ratio	Lower	Upper	
248	100		
250	94.9	78.6	117.8
141	55.0	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: 32.76 ng

RT: 10.74 min Scan# 801

Delta R.T. 0.00 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

Instrument :

BNA_F

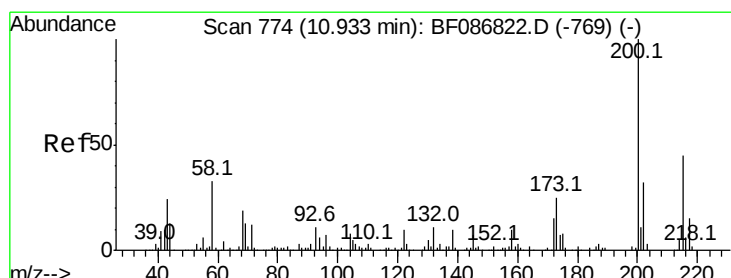
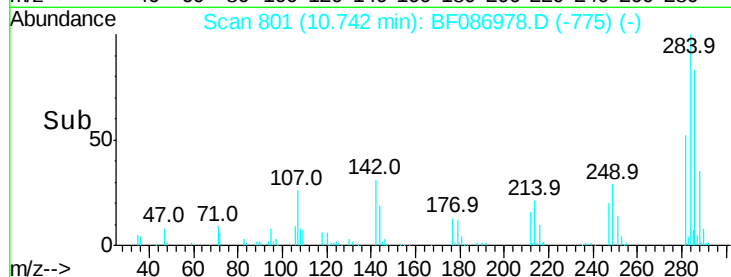
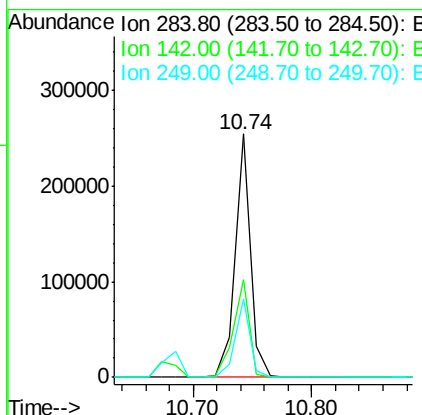
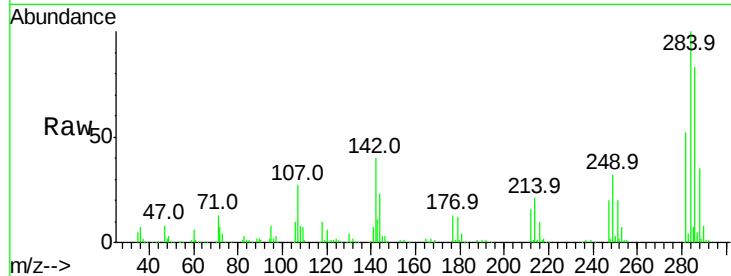
ClientSampleId :

PB90587BS

Tot Ion:	284	Resp:	229210
Ion Ratio		Lower	Upper
284	100		
142	40.0	16.7	25.1#
249	32.4	21.3	31.9#

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#68

Atrazine

Concen: 38.00 ng

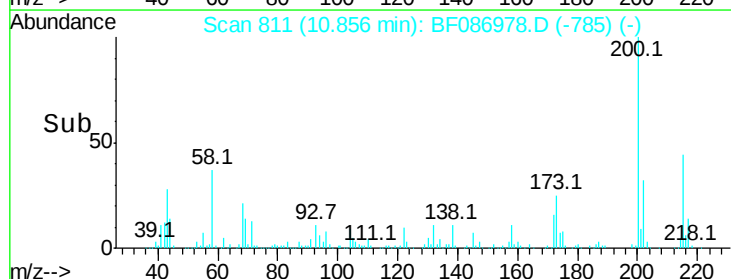
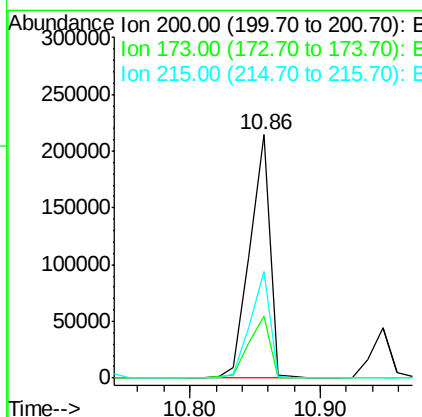
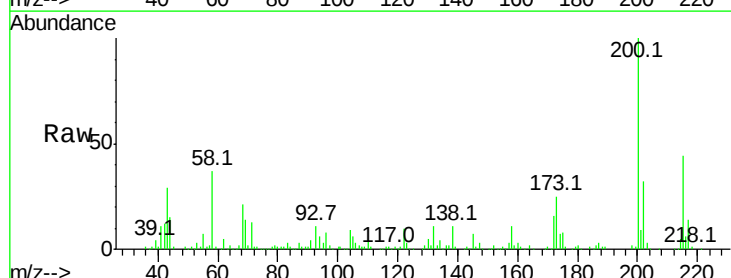
RT: 10.86 min Scan# 811

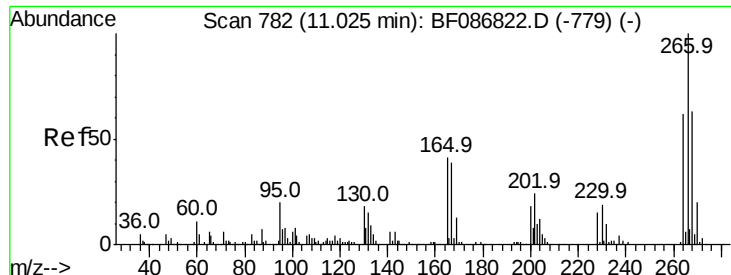
Delta R.T. 0.00 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

Tgt Ion:	200	Resp:	230299
Ion Ratio		Lower	Upper
200	100		
173	25.3	8.5	48.5
215	43.8	27.2	67.2





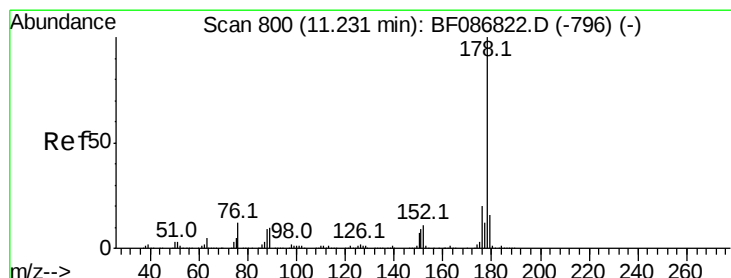
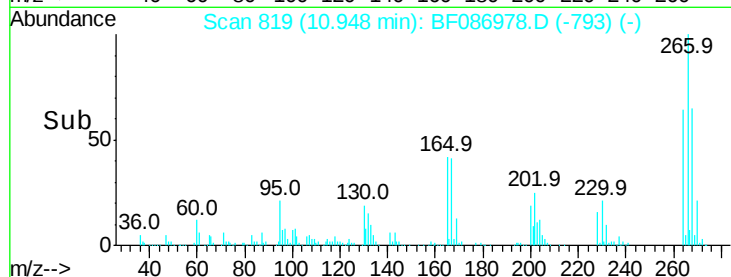
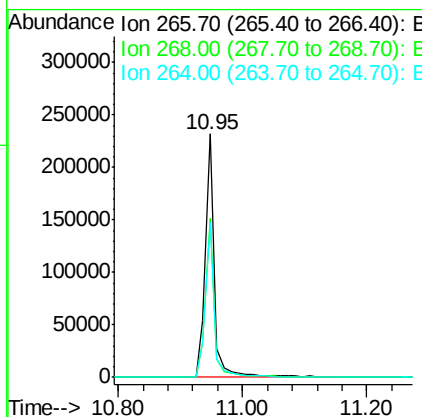
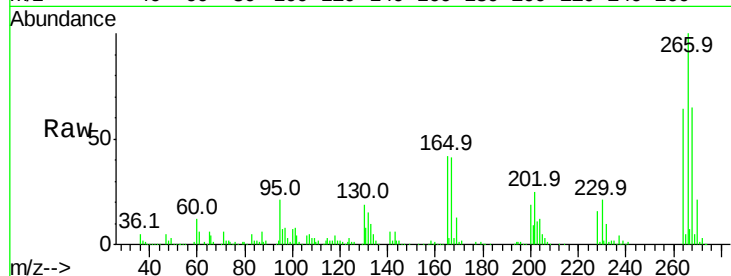
#69
 Pentachlorophenol
 Concen: 74.76 ng
 RT: 10.95 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF086978.D
 Acq: 13 May 2016 18:38

Instrument :
 BNA_F
 ClientSampleId :
 PB90587BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	241749		
268	65.1		51.5	77.3
264	64.0		52.9	79.3

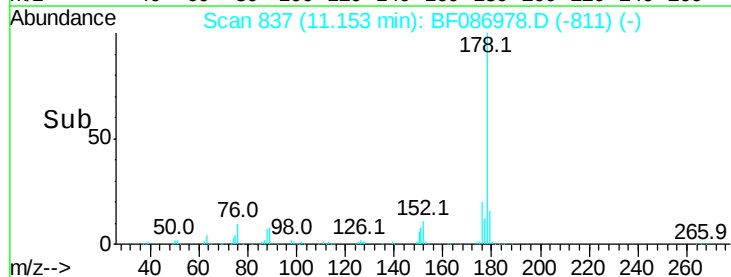
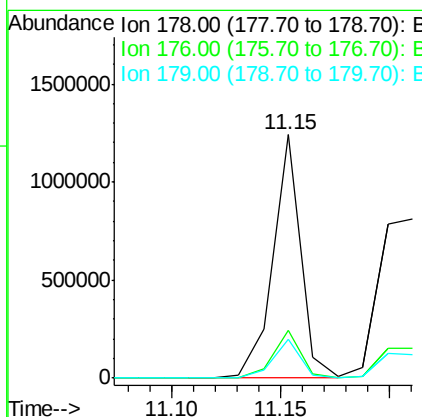
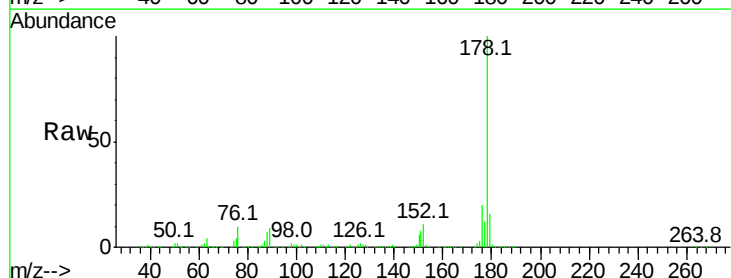
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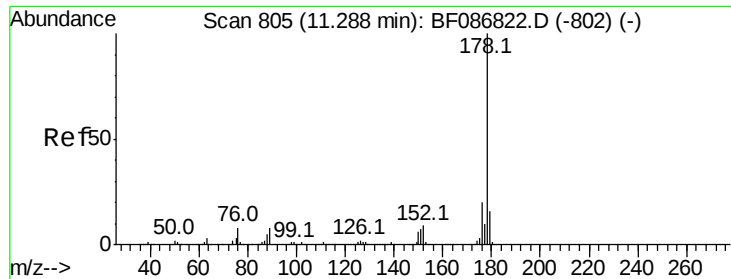
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#70
 Phenanthrene
 Concen: 35.37 ng
 RT: 11.15 min Scan# 837
 Delta R.T. 0.00 min
 Lab File: BF086978.D
 Acq: 13 May 2016 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1114453		
176	19.8		16.0	24.0
179	16.0		12.6	18.8





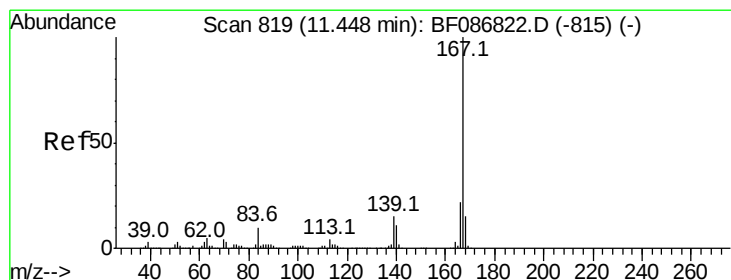
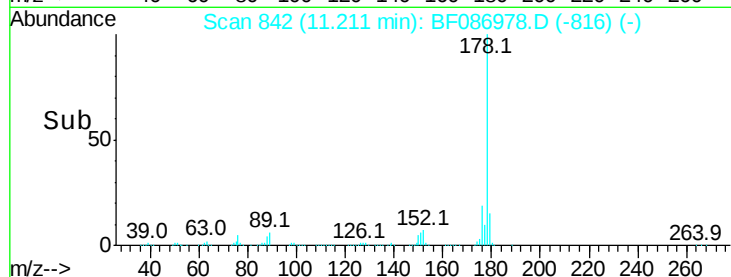
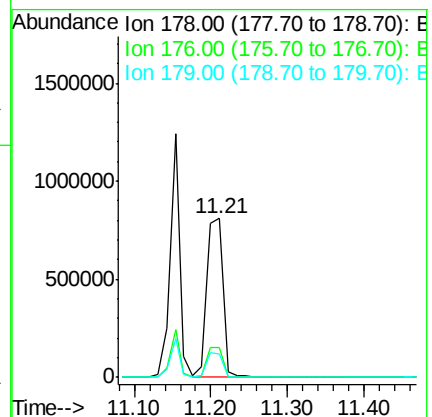
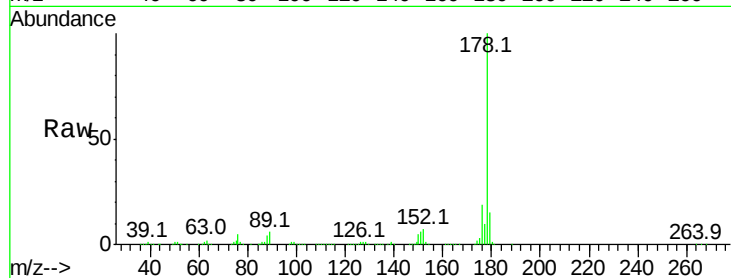
#71
 Anthracene
 Concen: 36.30 ng
 RT: 11.21 min Scan# 842
 Delta R.T. 0.00 min
 Lab File: BF086978.D
 Acq: 13 May 2016 18:38

Instrument :
 BNA_F
 ClientSampleId :
 PB90587BS

Tot Ion:178 Resp: 1169851
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.6 23.4
 179 15.0 12.7 19.1

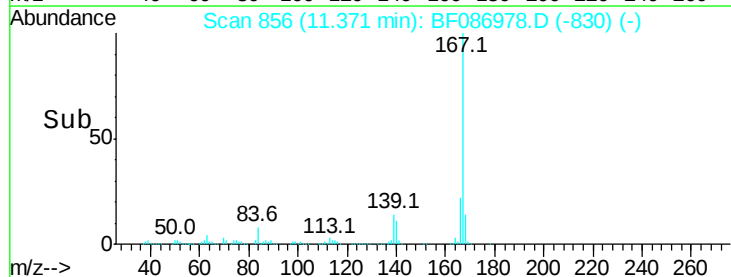
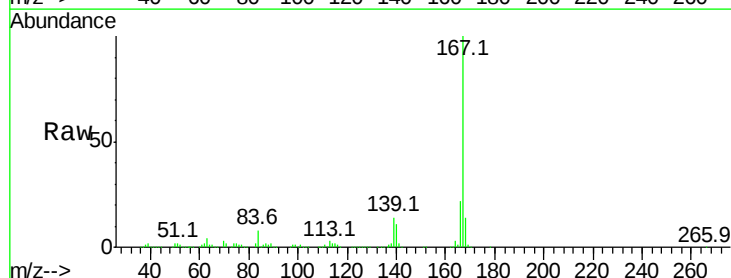
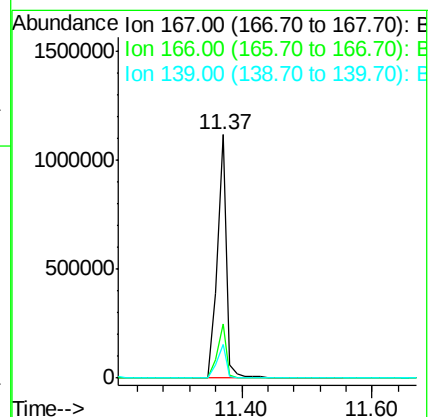
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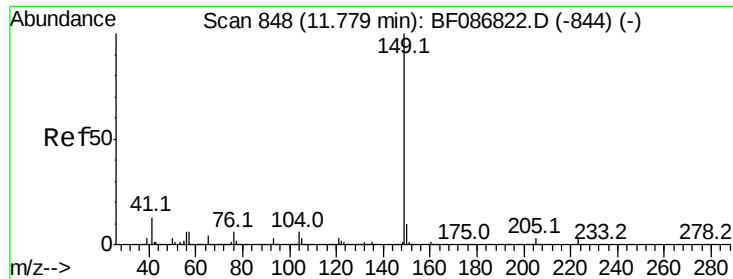
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#72
 Carbazole
 Concen: 40.58 ng
 RT: 11.37 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: BF086978.D
 Acq: 13 May 2016 18:38

Tgt Ion:167 Resp: 1124357
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.7 26.5
 139 13.8 10.8 16.2





#73

Di-n-butylphthalate

Concen: 34.82 ng

RT: 11.70 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

Instrument :

BNA_F

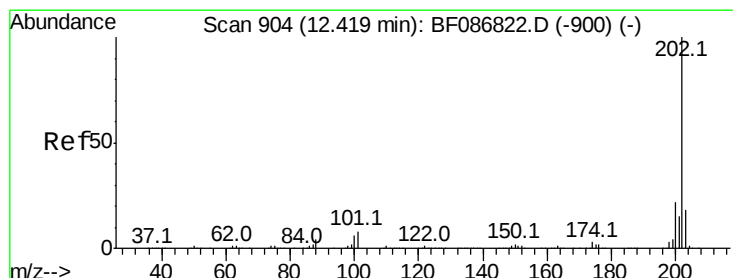
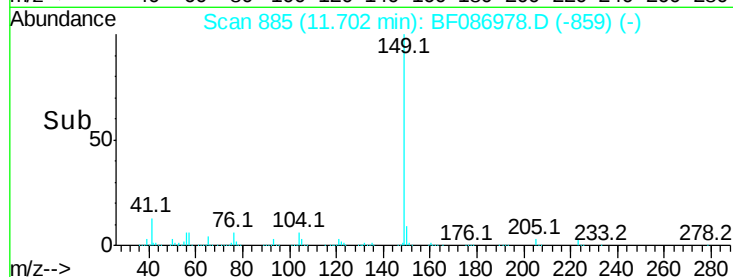
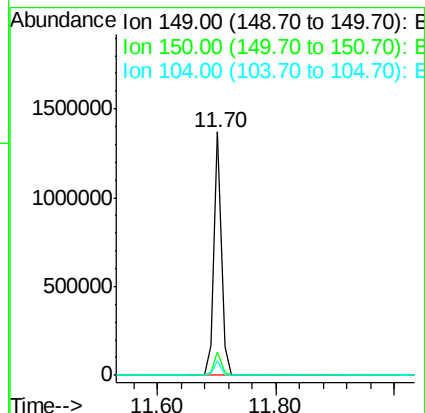
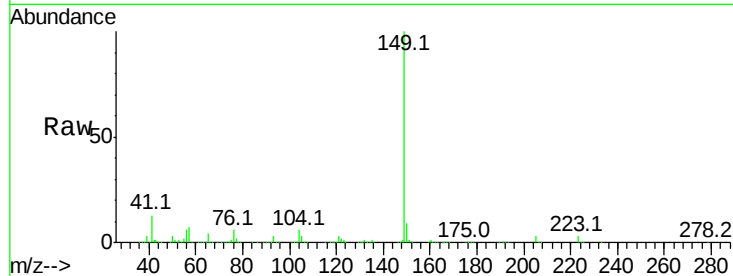
ClientSampleId :

PB90587BS

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Tot Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.6	11.4
104	5.8	3.8	5.6



#74

Fluoranthene

Concen: 33.76 ng

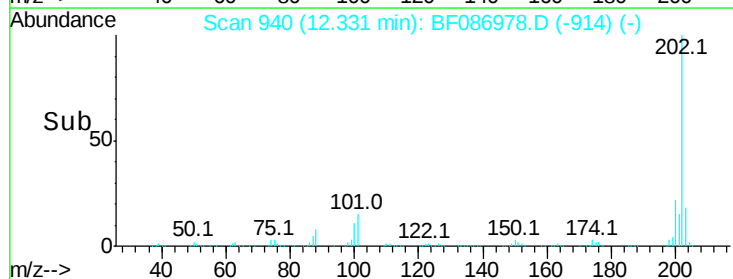
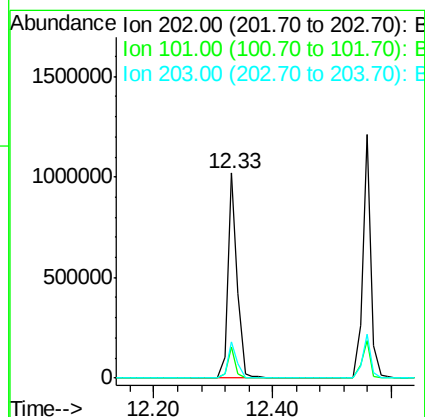
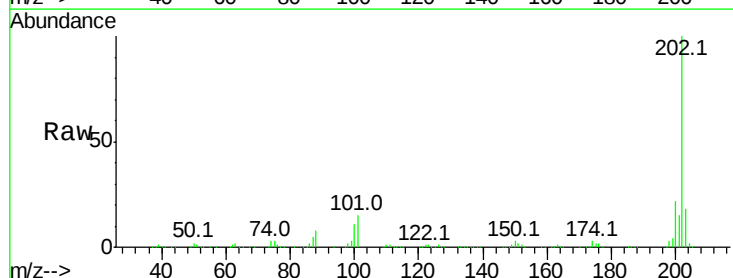
RT: 12.33 min Scan# 940

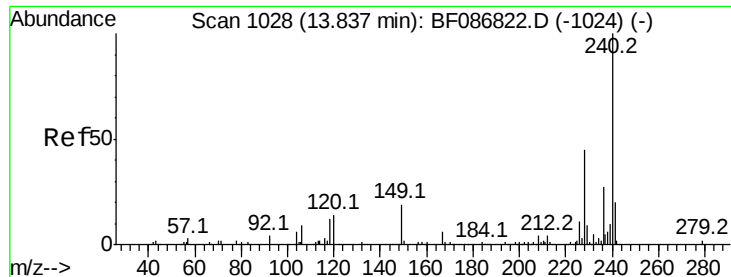
Delta R.T. -0.00 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.0	0.0	35.4
203	17.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.76 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

Instrument :

BNA_F

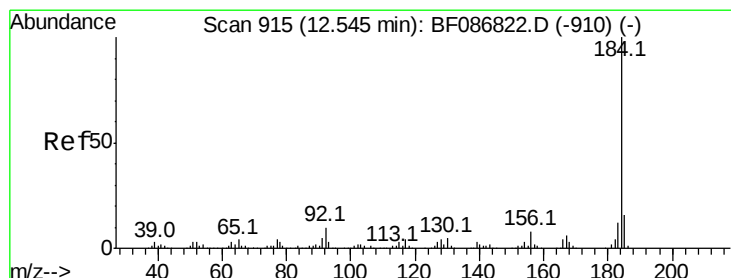
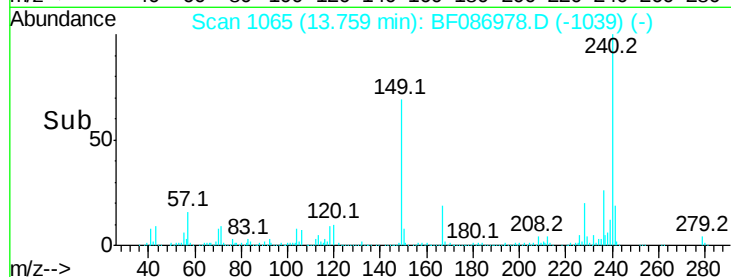
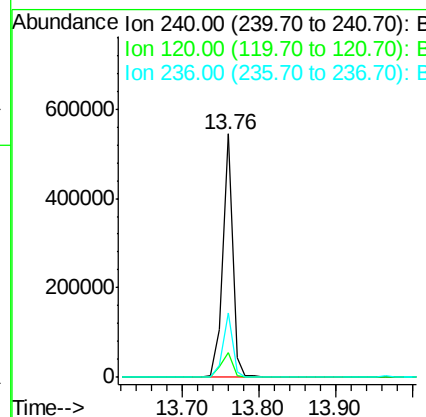
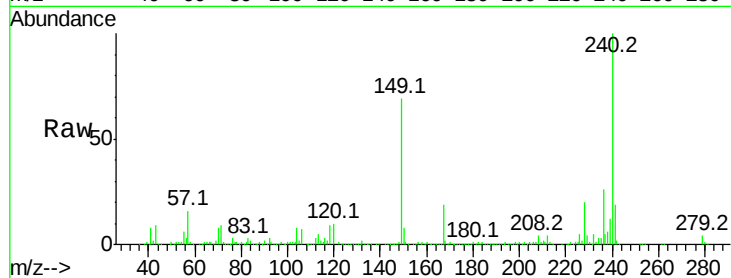
ClientSampleId :

PB90587BS

Tot Ion:	240	Resp:	487531
Ion Ratio	Lower	Upper	
240	100		
120	10.2	11.2	16.8#
236	26.2	21.2	31.8

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#76

Benzidine

Concen: 30.14 ng

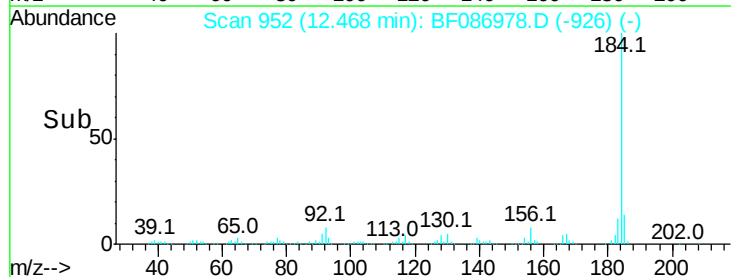
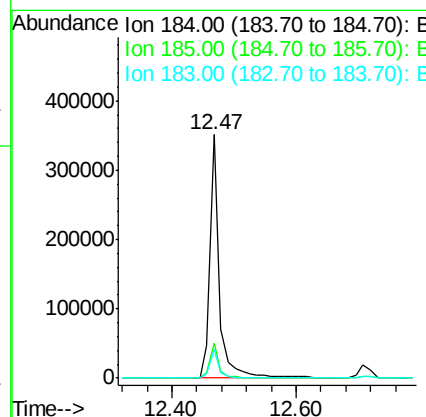
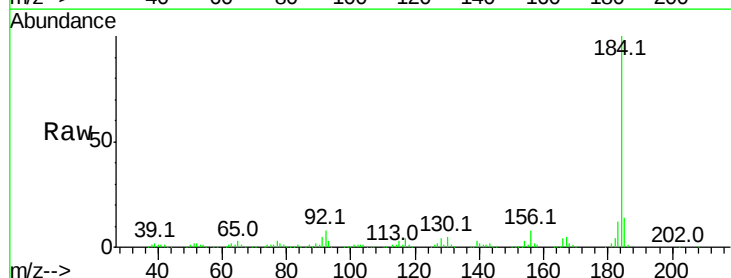
RT: 12.47 min Scan# 952

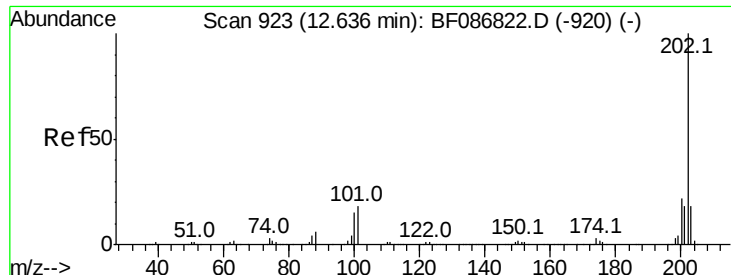
Delta R.T. 0.00 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

Tgt Ion:	184	Resp:	374641
Ion Ratio	Lower	Upper	
184	100		
185	14.2	13.6	20.4
183	11.6	9.8	14.6





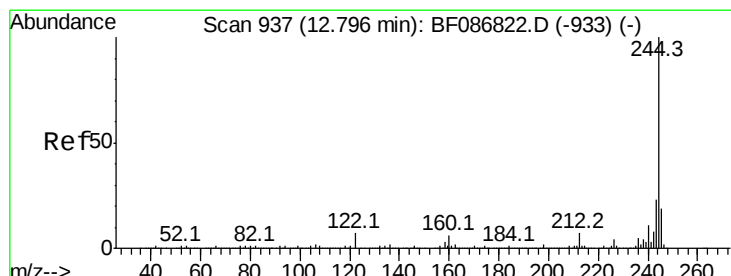
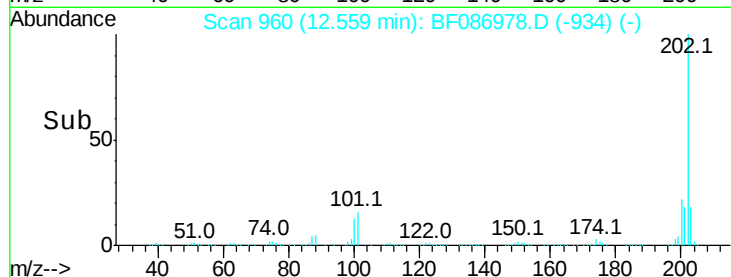
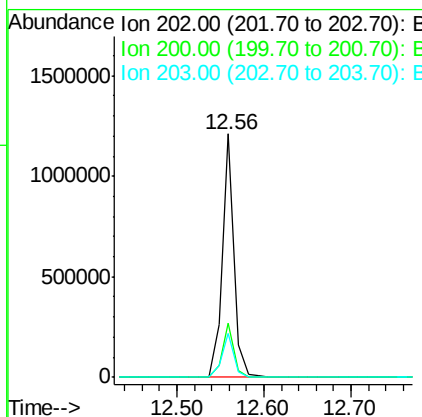
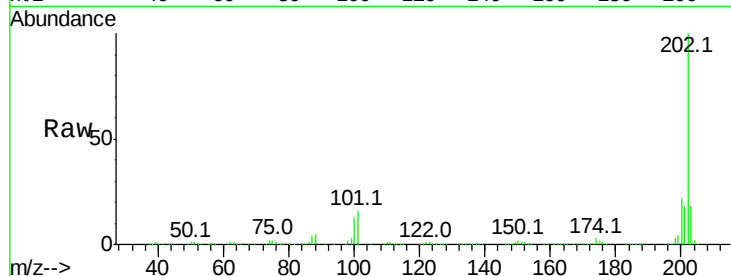
#77
Pvrene
Concen: 30.62 ng
RT: 12.56 min Scan# 960
Delta R.T. 0.00 min
Lab File: BF086978.D
Acq: 13 May 2016 18:38

Instrument :
BNA_F
ClientSampleId :
PB90587BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.7	26.5
203	18.2	14.2	21.4

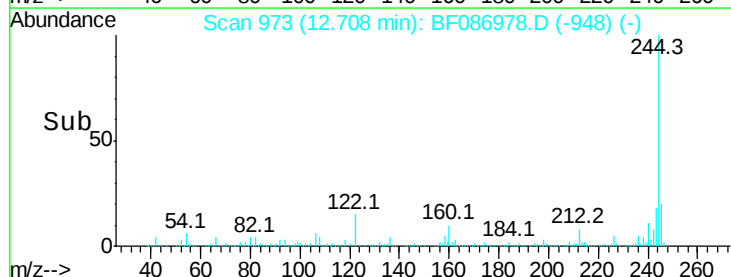
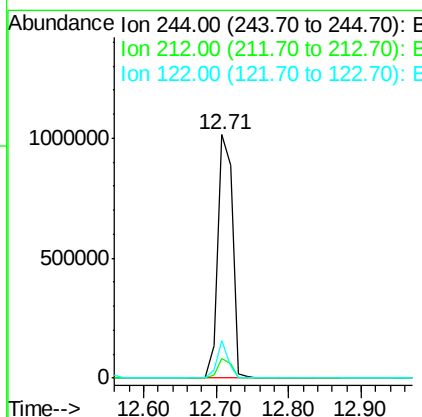
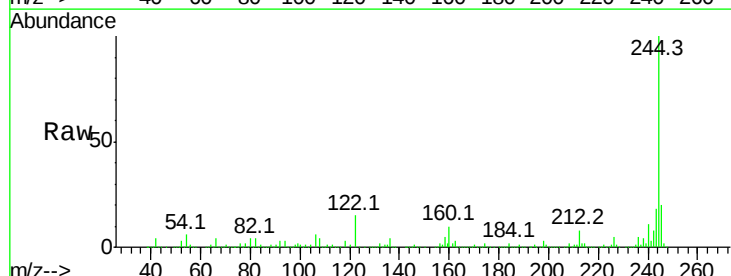
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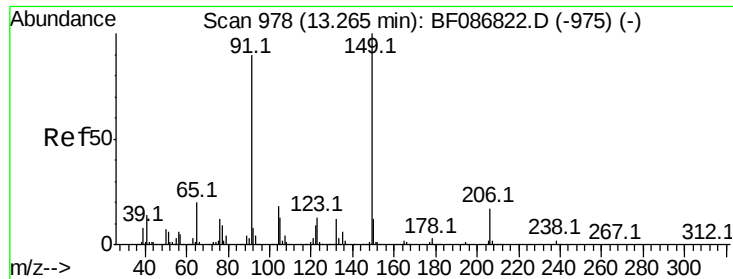
sohil
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#78
Terphenyl-d14
Concen: 62.11 ng
RT: 12.71 min Scan# 973
Delta R.T. -0.01 min
Lab File: BF086978.D
Acq: 13 May 2016 18:38

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.2	9.2
122	15.5	12.0	18.0





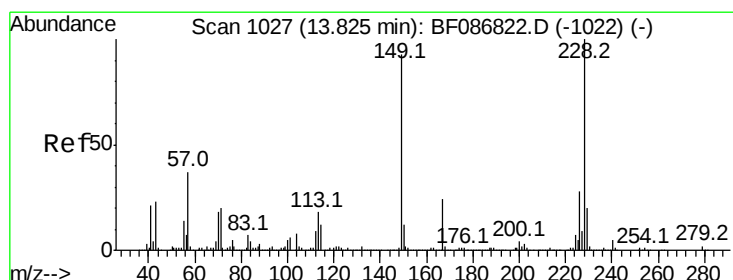
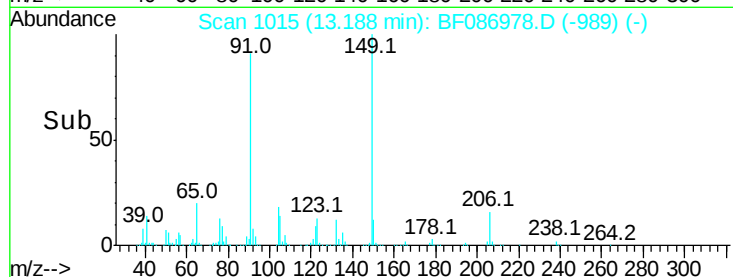
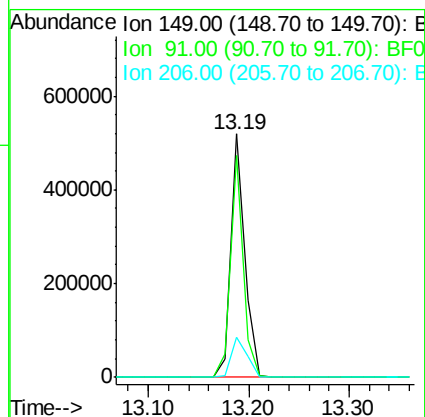
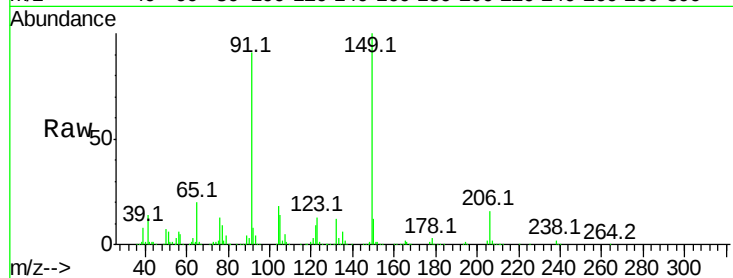
#79
Butylbenzylphthalate
Concen: 31.83 ng
RT: 13.19 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BF086978.D
Acq: 13 May 2016 18:38

Instrument :
BNA_F
ClientSampleId :
PB90587BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	502443		
91	91.1	48.0	72.0#	
206	16.4	15.8	23.6	

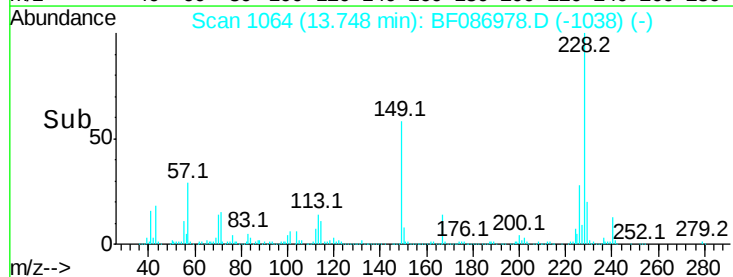
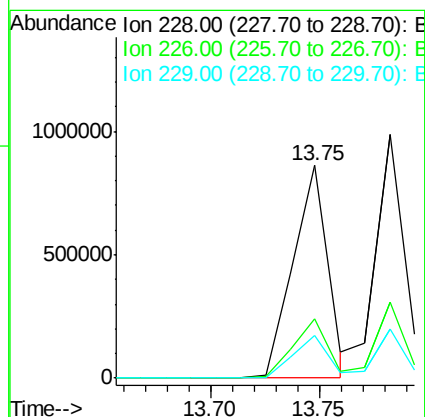
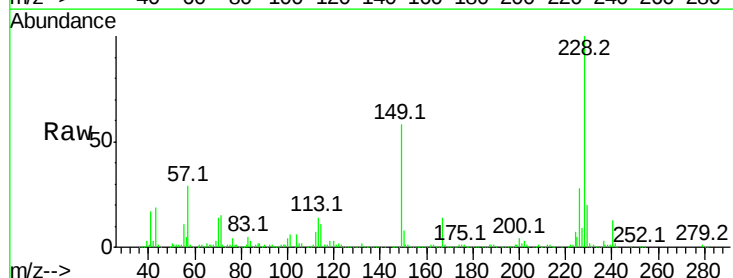
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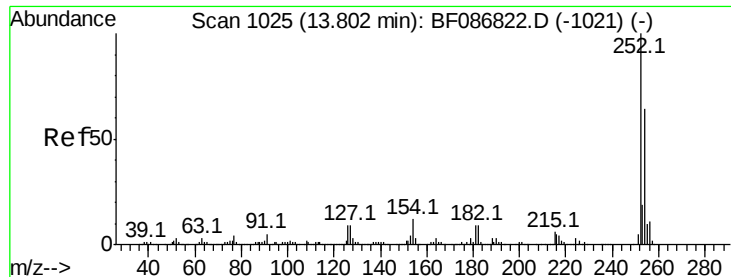
sohil
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#80
Benzo(a)anthracene
Concen: 35.18 ng
RT: 13.75 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF086978.D
Acq: 13 May 2016 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	962824		
226	27.7	22.5	33.7	
229	20.1	16.6	25.0	





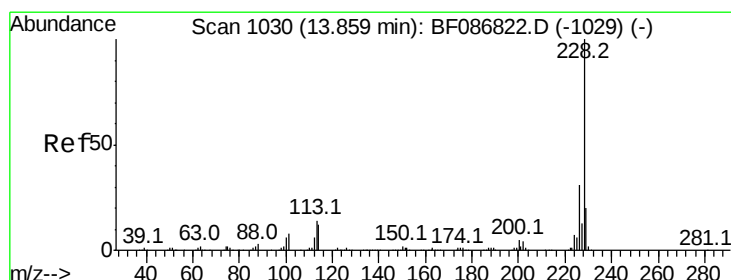
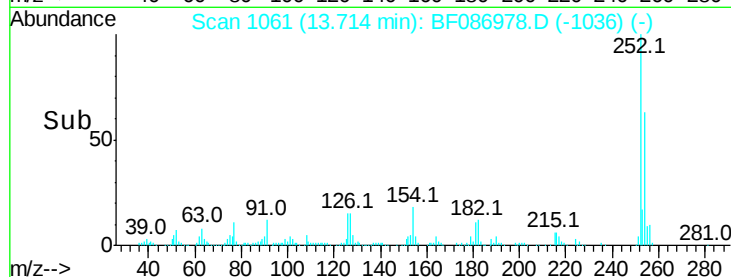
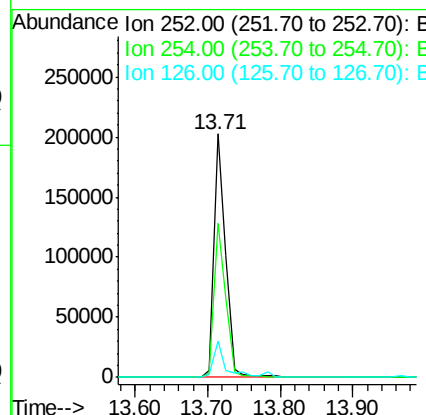
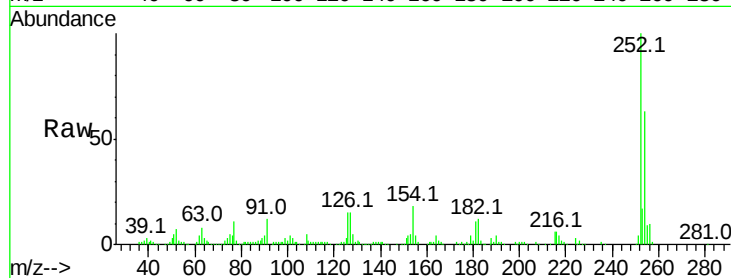
#81
 3,3'-Dichlorobenzidine
 Concen: 12.90 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.01 min
 Lab File: BF086978.D
 Acq: 13 May 2016 18:38

Instrument :
 BNA_F
 ClientSampleId :
 PB90587BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	224282		
254	63.2	50.7	76.1	
126	15.1	12.7	19.1	

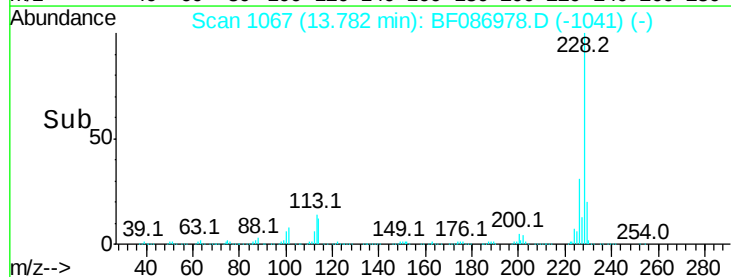
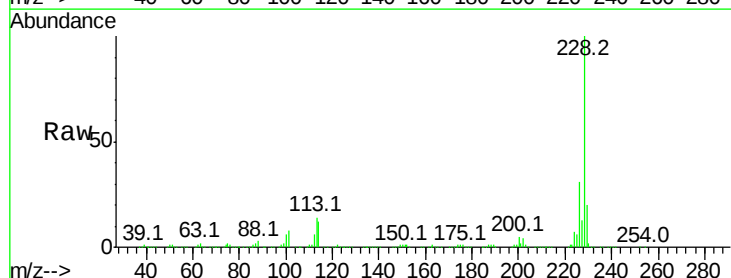
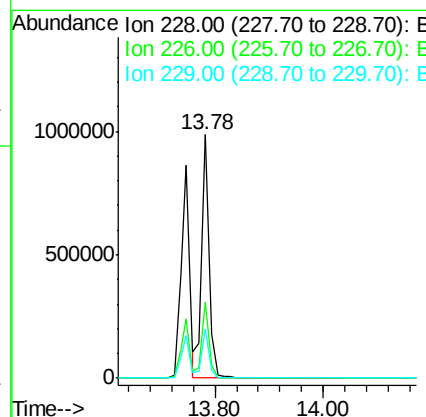
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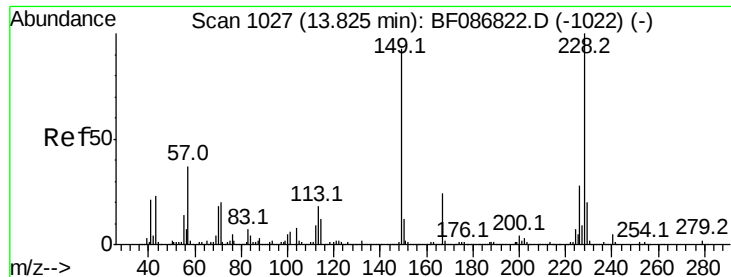
sohil
 5/14/2016 10:00:28 AM



#82
 Chrysene
 Concen: 33.16 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: BF086978.D
 Acq: 13 May 2016 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	923099		
226	31.2	24.4	36.6	
229	20.2	15.8	23.8	





#83

Bis(2-ethylhexyl)phthalate

Concen: 33.03 ng

RT: 13.75 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

Instrument :

BNA_F

ClientSampleId :

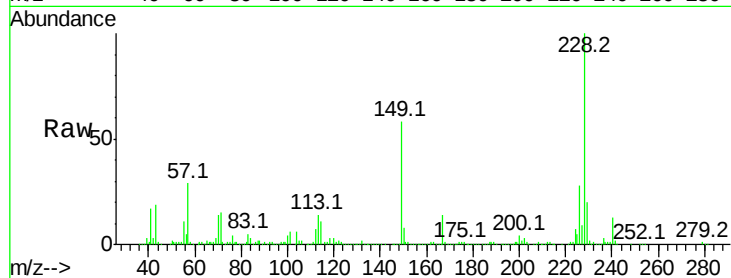
PB90587BS

Tot Ion:149 Resp: 627172
Ion Ratio Lower Upper

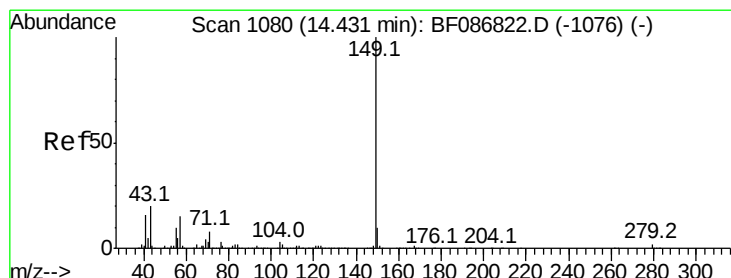
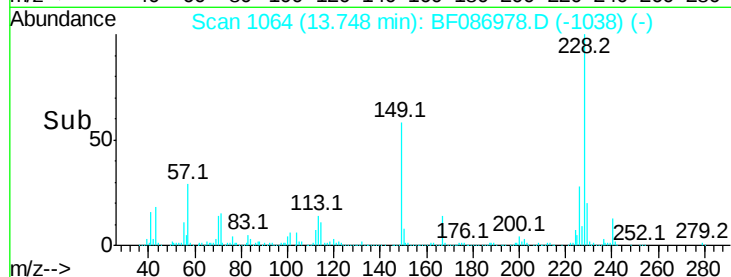
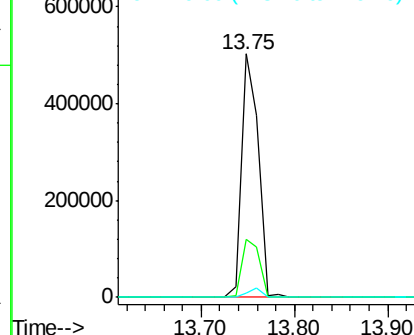
149	100		
167	23.8	21.8	32.6
279	2.0	2.6	4.0#

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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: 38.10 ng

RT: 14.37 min Scan# 1118

Delta R.T. 0.00 min

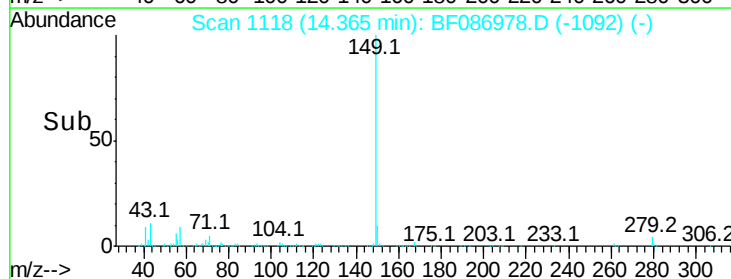
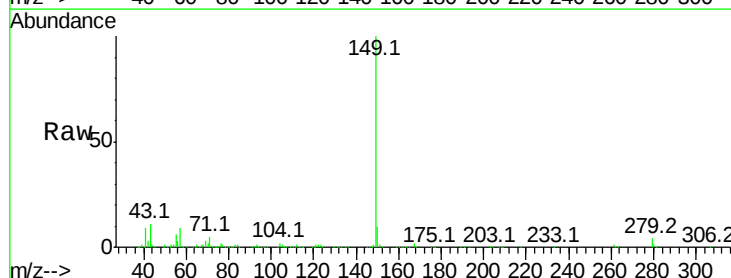
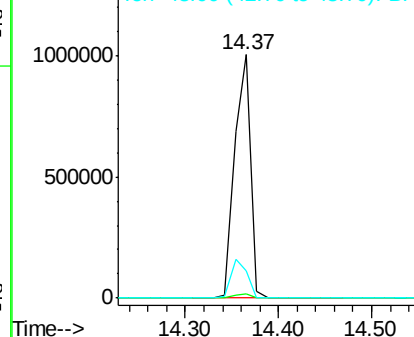
Lab File: BF086978.D

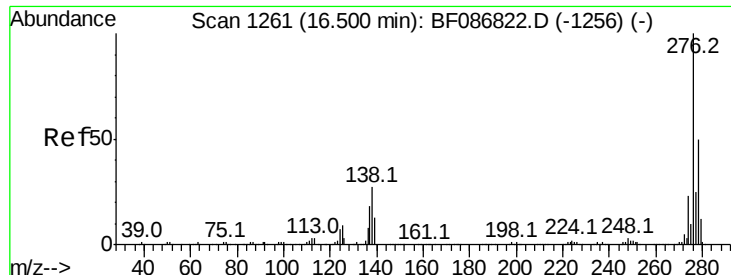
Acq: 13 May 2016 18:38

Tgt Ion:149 Resp: 1198624
Ion Ratio Lower Upper

149	100		
167	1.5	1.2	1.8
43	16.1	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





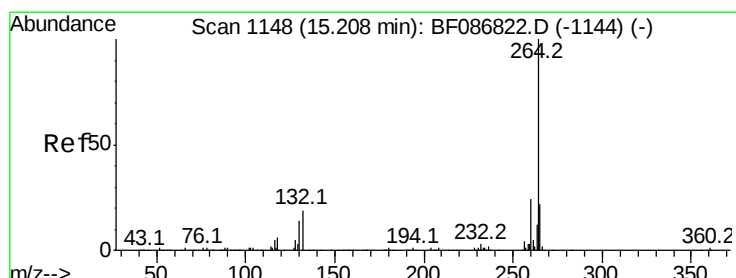
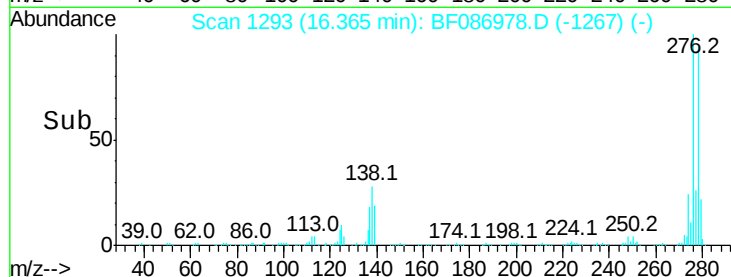
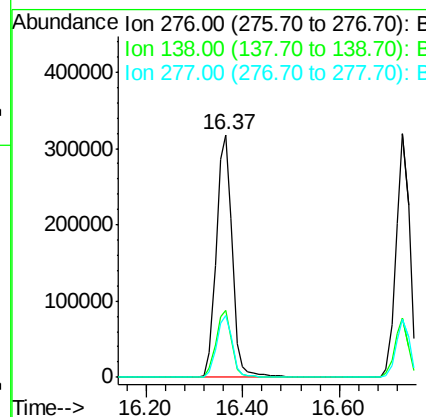
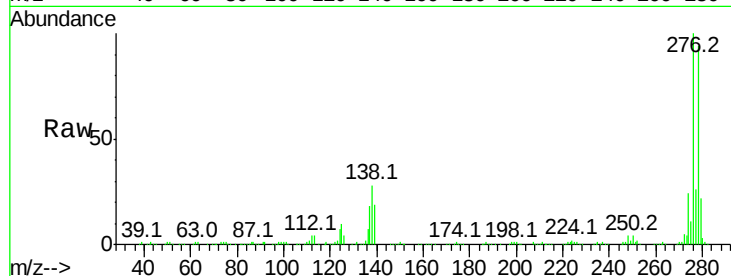
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 32.26 ng
 RT: 16.37 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: BF086978.D
 Acq: 13 May 2016 18:38

Instrument :
 BNA_F
 ClientSampleId :
 PB90587BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.4	25.6	38.4
277	25.3	20.5	30.7

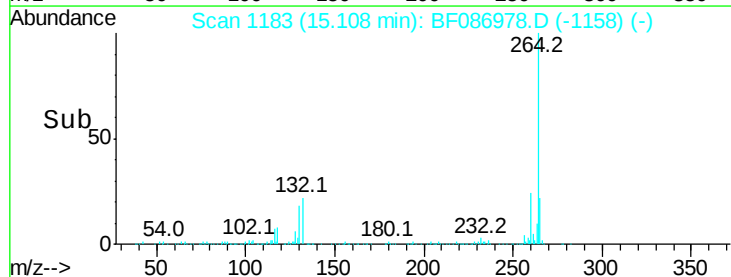
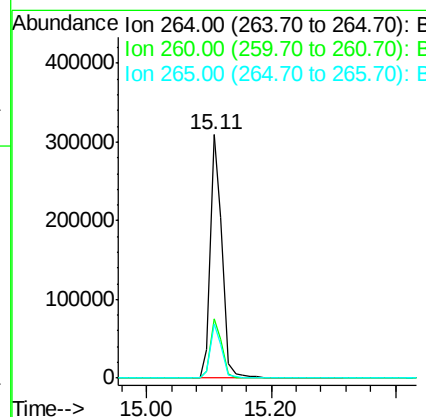
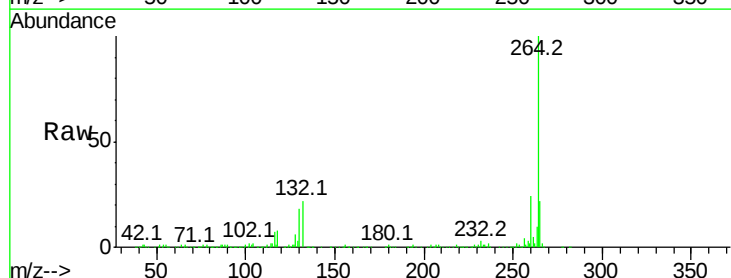
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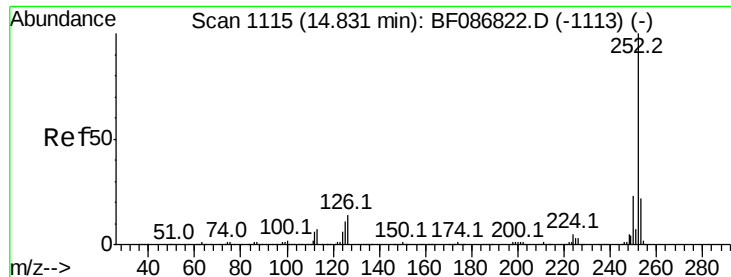
sohil
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.11 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF086978.D
 Acq: 13 May 2016 18:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	22.4	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 44.35 ng m

RT: 14.74 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

Instrument :

BNA_F

ClientSampleId :

PB90587BS

Tot Ion:252 Resp: 1160854

Ion Ratio Lower Upper

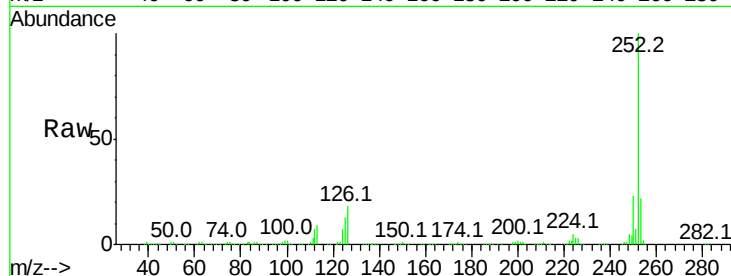
252 100

253 22.3 17.8 26.6

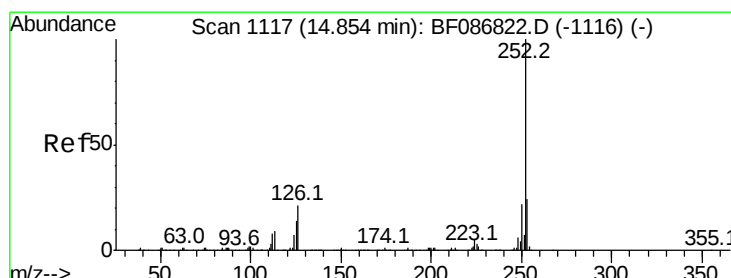
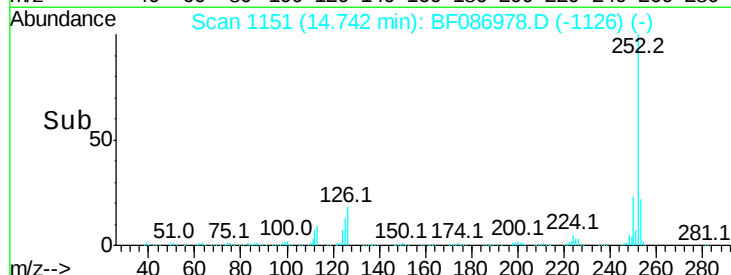
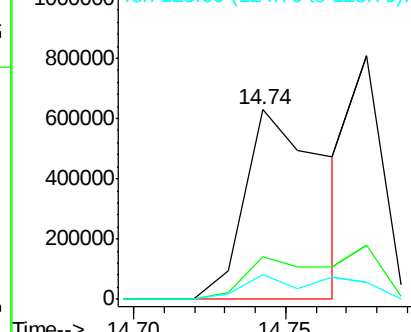
125 13.3 11.4 17.0

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



#88

Benzo(k)fluoranthene

Concen: 28.52 ng m

RT: 14.78 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

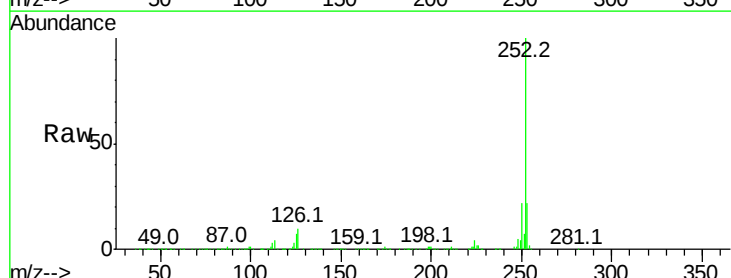
Tgt Ion:252 Resp: 611294

Ion Ratio Lower Upper

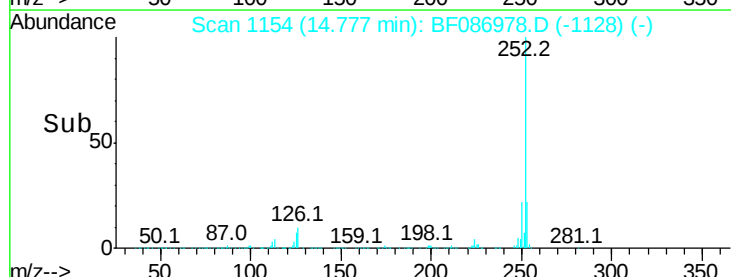
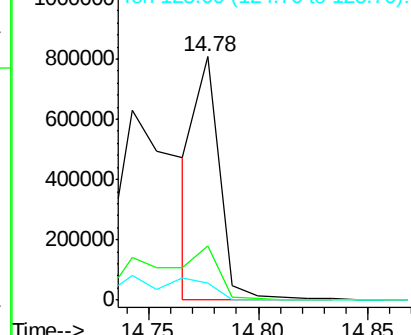
252 100

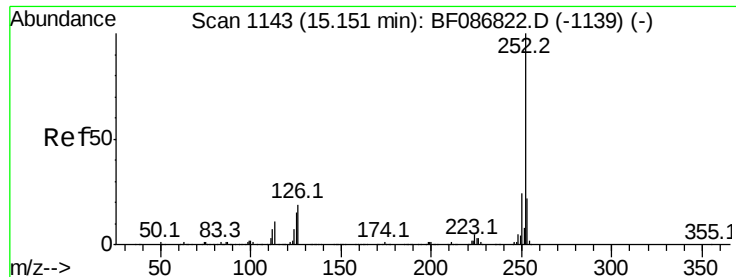
253 22.3 17.8 26.6

125 6.8 9.1 13.7#



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





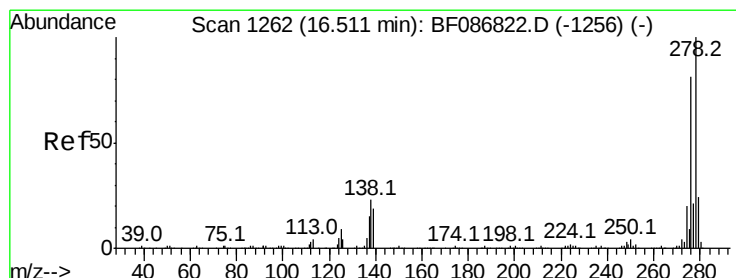
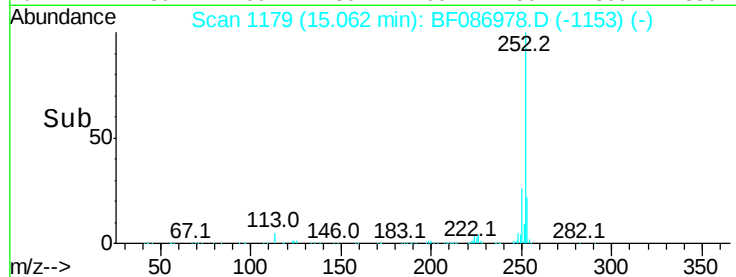
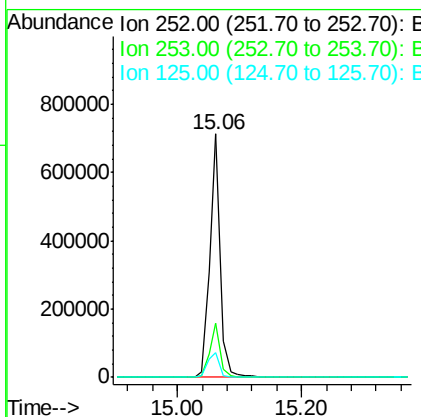
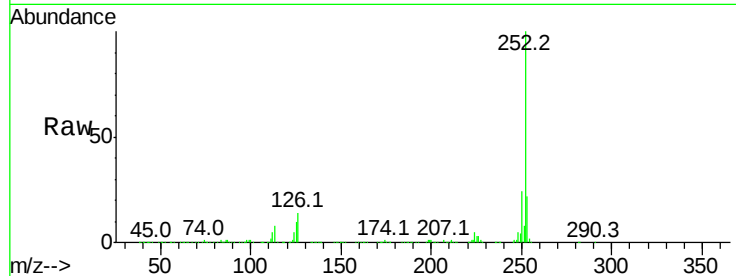
#89
Benzo(a)pyrene
Concen: 36.06 ng
RT: 15.06 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF086978.D
Acq: 13 May 2016 18:38

Instrument :
BNA_F
ClientSampleId :
PB90587BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
253	22.3	17.2	25.8	
125	10.3	9.0	13.6	

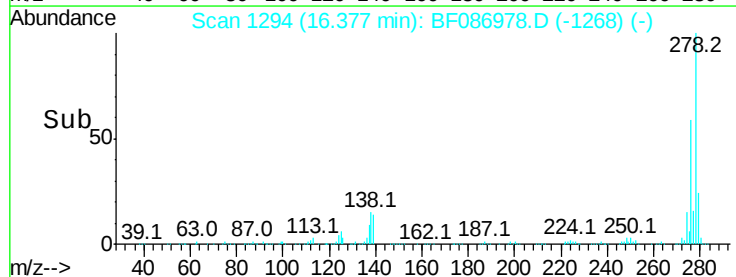
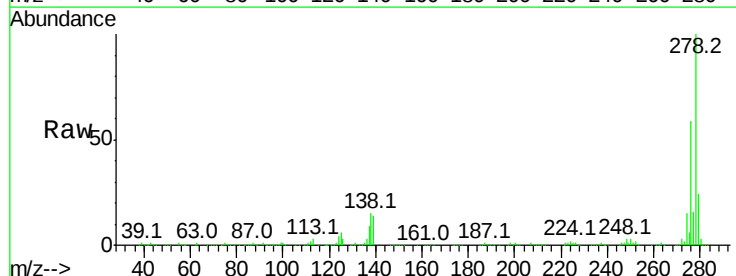
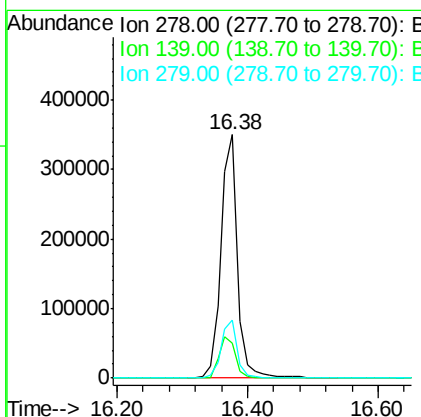
Manual Integrations
APPROVED

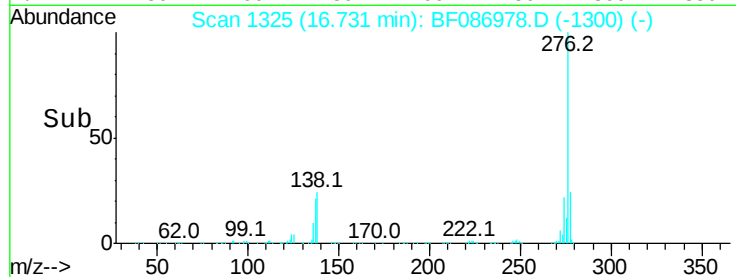
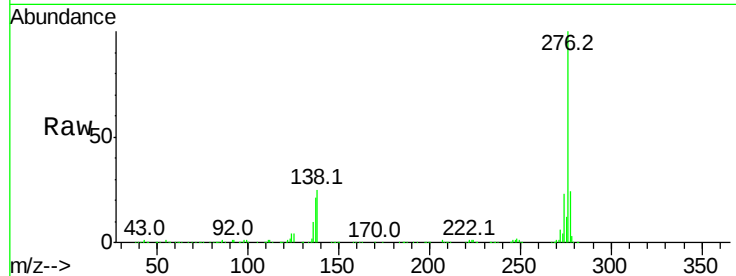
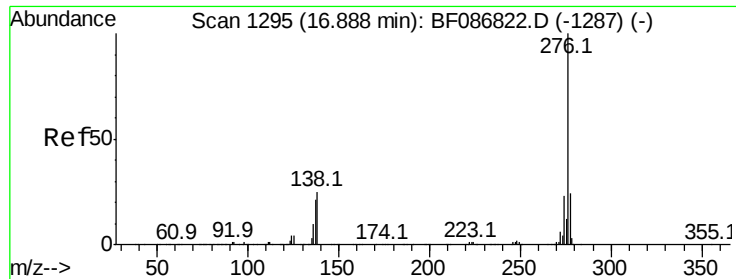
sohil
5/14/2016 10:00:28 AM



#90
Dibenzo(a,h)anthracene
Concen: 32.68 ng
RT: 16.38 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BF086978.D
Acq: 13 May 2016 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
278	100			
139	14.2	16.6	24.8#	
279	23.8	19.6	29.4	





#91

Benzo(a,h,i)perylene

Concen: 32.52 ng

RT: 16.73 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF086978.D

Acq: 13 May 2016 18:38

Instrument :

BNA_F

ClientSampleId :

PB90587BS

Tot Ion:	276	Resp:	628639
Ion Ratio		Lower	Upper
276	100		
277	23.7	19.6	29.4
138	24.5	23.6	35.4

Manual Integrations
APPROVED

sohil
5/14/2016 10:00:28 AM

