

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043016\
 Data File : BF086532.D
 Acq On : 30 Apr 2016 19:14
 Operator : UM/SJ
 Sample : PB90035BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90035BS

Manual Integrations
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 5/2/2016 7:53:44 PM

Quant Time: May 01 04:31:13 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun May 01 01:17:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	130742	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	578981	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	275657	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	548091	20.00	ng	0.00
75) Chrysene-d12	13.92	240	406695	20.00	ng	0.00
86) Perylene-d12	15.31	264	319846	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	1015738	134.01	ng	0.01
7) Phenol-d6	6.41	99	1299340	122.82	ng	0.00
23) Nitrobenzene-d5	7.33	82	832859	77.54	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	366567	126.10	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1459848	95.00	ng	0.00
78) Terphenyl-d14	12.88	244	1417121	76.77	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.37	88	139232	34.97	ng	# 79
3) Pyridine	3.06	79	400338	42.48	ng	# 69
4) n-Nitrosodimethylamine	3.01	42	244914	45.60	ng	# 61
6) Aniline	6.43	93	350935	27.41	ng	# 87
8) 2-Chlorophenol	6.56	128	383824	40.66	ng	95
9) Benzaldehyde	6.30	77	66103	10.74	ng	96
10) Phenol	6.42	94	431434	36.55	ng	# 63
11) bis(2-Chloroethyl)ether	6.51	93	439459	43.07	ng	96
12) 1,3-Dichlorobenzene	6.70	146	391241m	38.53	ng	
13) 1,4-Dichlorobenzene	6.78	146	410894	39.22	ng	97
14) 1,2-Dichlorobenzene	6.93	146	375857	39.12	ng	95
15) Benzyl Alcohol	6.91	79	317841	47.49	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.05	45	788923	38.63	ng	90
17) 2-Methylphenol	7.04	107	339227	44.46	ng	94
18) Hexachloroethane	7.28	117	147933	37.78	ng	99
19) n-Nitroso-di-n-propylamine	7.18	70	281949	40.32	ng	# 70
20) 3+4-Methylphenols	7.18	107	383024	43.96	ng	99
22) Acetophenone	7.18	105	542061	42.70	ng	# 89
24) Nitrobenzene	7.36	77	455168	41.19	ng	92
25) Isophorone	7.60	82	814352	39.39	ng	98
26) 2-Nitrophenol	7.68	139	206757	40.64	ng	94
27) 2,4-Dimethylphenol	7.72	122	367858	41.21	ng	98
28) bis(2-Chloroethoxy)methane	7.81	93	509020	45.20	ng	99
29) 2,4-Dichlorophenol	7.92	162	341779	45.38	ng	98
30) 1,2,4-Trichlorobenzene	8.00	180	335344	38.38	ng	97
31) Naphthalene	8.08	128	1171841	39.78	ng	99
32) Benzoic acid	7.85	122	176669	35.49	ng	89
33) 4-Chloroaniline	8.13	127	193471	17.54	ng	99
34) Hexachlorobutadiene	8.20	225	177396	36.22	ng	98
35) Caprolactam	8.50	113	113186m	45.05	ng	
36) 4-Chloro-3-methylphenol	8.61	107	369331	42.83	ng	90
37) 2-Methylnaphthalene	8.76	142	733694	42.20	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	297566	37.71	ng	# 97
40) Hexachlorocyclopentadiene	8.92	237	297781	75.94	ng	97

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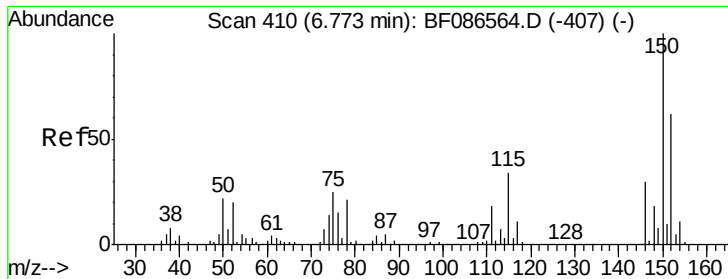
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	214607	43.03	ng	95
43) 2,4,5-Trichlorophenol	9.09	196	231996	42.68	ng	94
45) 1,1'-Biphenyl	9.23	154	898179	38.98	ng	97
46) 2-Chloronaphthalene	9.25	162	665705	38.00	ng	93
47) 2-Nitroaniline	9.36	65	273990	48.77	ng	93
48) Acenaphthylene	9.66	152	1052931	38.45	ng	99
49) Dimethylphthalate	9.54	163	861732	41.52	ng	100
50) 2,6-Dinitrotoluene	9.60	165	181497	42.33	ng	# 89
51) Acenaphthene	9.84	154	745228	42.37	ng	99
52) 3-Nitroaniline	9.77	138	121051	24.83	ng	97
53) 2,4-Dinitrophenol	9.87	184	167873	72.43	ng	# 76
54) Dibenzofuran	10.01	168	949745	43.20	ng	94
55) 4-Nitrophenol	9.94	139	295467	92.55	ng	82
56) 2,4-Dinitrotoluene	10.00	165	231127	42.29	ng	# 84
57) Fluorene	10.35	166	683032	35.78	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.13	232	203125	47.79	ng	97
59) Diethylphthalate	10.24	149	803555	40.90	ng	98
60) 4-Chlorophenyl-phenylether	10.35	204	349315	40.31	ng	# 86
61) 4-Nitroaniline	10.38	138	208809	43.81	ng	90
62) Azobenzene	10.51	77	972311	45.19	ng	90
64) 4,6-Dinitro-2-methylphenol	10.41	198	130227	40.47	ng	# 77
65) n-Nitrosodiphenylamine	10.46	169	654862	38.23	ng	99
66) 4-Bromophenyl-phenylether	10.84	248	215588	38.17	ng	# 77
67) Hexachlorobenzene	10.90	284	241498	36.94	ng	# 80
68) Atrazine	11.00	200	239693	46.60	ng	95
69) Pentachlorophenol	11.09	266	248289	72.04	ng	97
70) Phenanthrene	11.31	178	1103201	38.36	ng	100
71) Anthracene	11.37	178	1244189	40.53	ng	99
72) Carbazole	11.52	167	1080087	39.70	ng	99
73) Di-n-butylphthalate	11.86	149	1260836	40.91	ng	99
74) Fluoranthene	12.49	202	1194120	41.13	ng	98
76) Benzidine	12.63	184	355219	25.42	ng	95
77) Pyrene	12.72	202	1139116	38.87	ng	99
79) Butylbenzylphthalate	13.35	149	491703	38.74	ng	# 74
80) Benzo(a)anthracene	13.91	228	893057	41.19	ng	99
81) 3,3'-Dichlorobenzidine	13.87	252	180917	12.48	ng	98
82) Chrysene	13.94	228	884852	37.54	ng	99
83) Bis(2-ethylhexyl)phthalate	13.91	149	554997	35.23	ng	# 96
84) Di-n-octyl phthalate	14.51	149	901324	36.53	ng	# 88
85) Indeno(1,2,3-cd)pyrene	16.65	276	787907	45.12	ng	97
87) Benzo(b)fluoranthene	14.92	252	860600m	45.74	ng	
88) Benzo(k)fluoranthene	14.95	252	729634m	37.18	ng	
89) Benzo(a)pyrene	15.25	252	738255	41.56	ng	99
90) Dibenzo(a,h)anthracene	16.66	278	655896	45.12	ng	98
91) Benzo(g,h,i)perylene	17.05	276	669214	45.93	ng	95

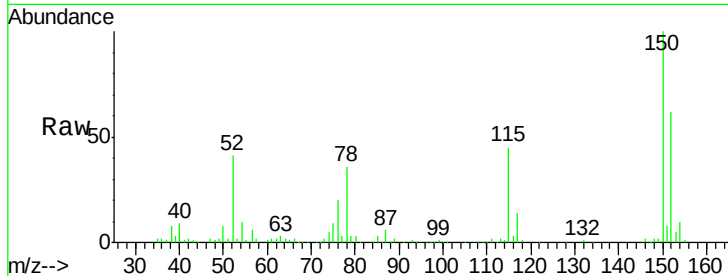
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF086532.D
Acq: 30 Apr 2016 19:14

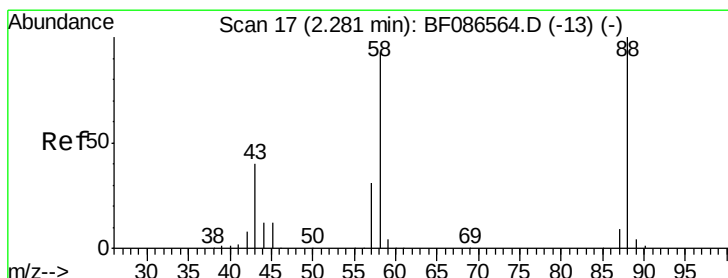
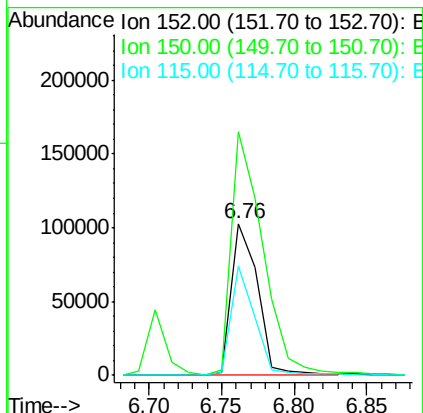
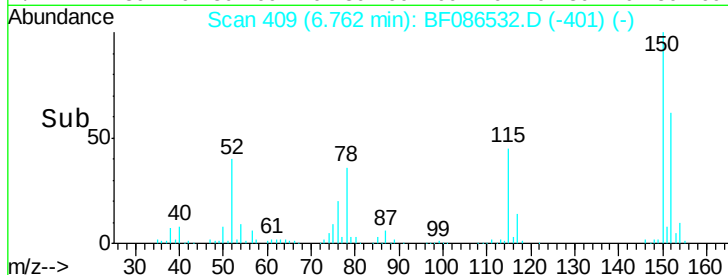
Instrument :
BNA_F
ClientSampleId :
PB90035BS



Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.3	125.8	188.6
115	71.7	51.5	77.3

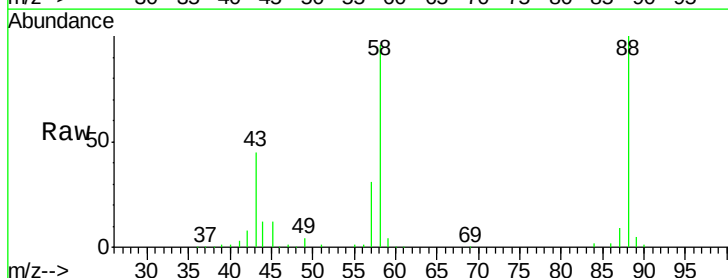
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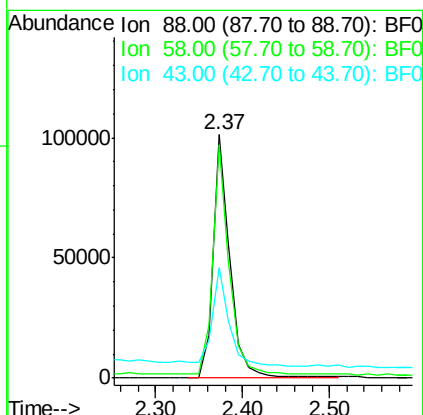
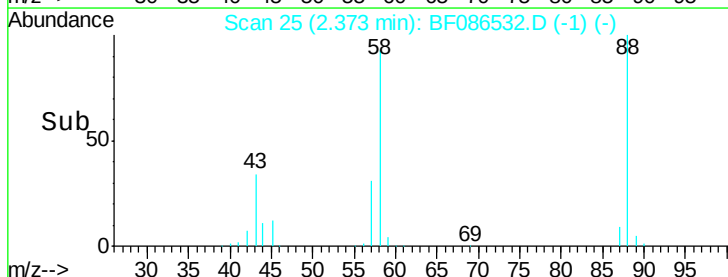


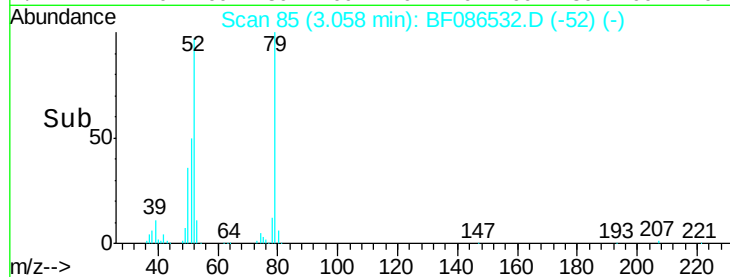
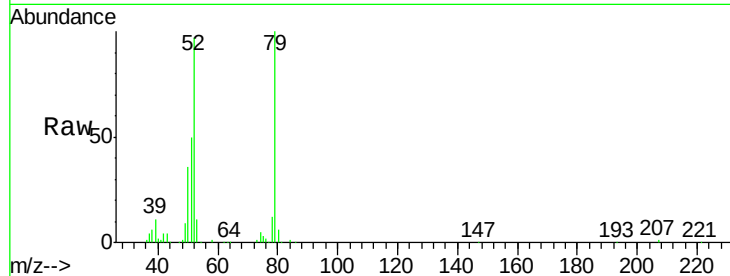
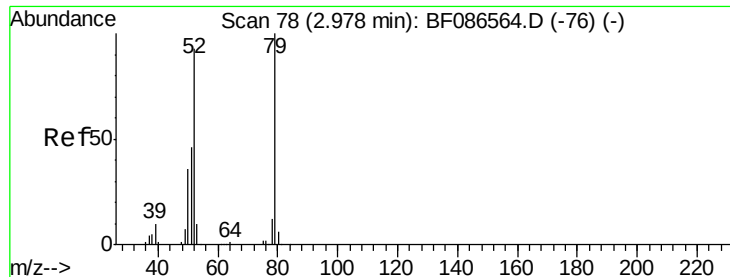
#2

1,4-Dioxane
Concen: 34.97 ng
RT: 2.37 min Scan# 25
Delta R.T. 0.08 min
Lab File: BF086532.D
Acq: 30 Apr 2016 19:14



Tgt Ion	Ratio	Lower	Upper
88	100		
58	91.3	59.6	89.4#
43	39.5	21.8	32.6#





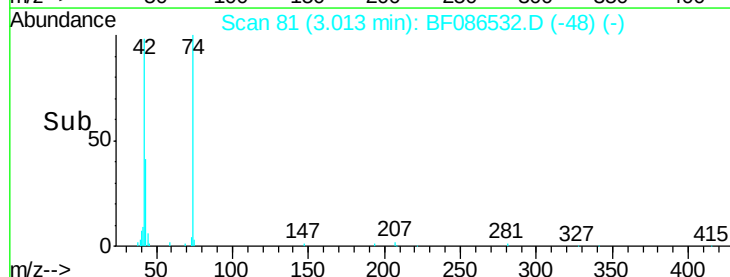
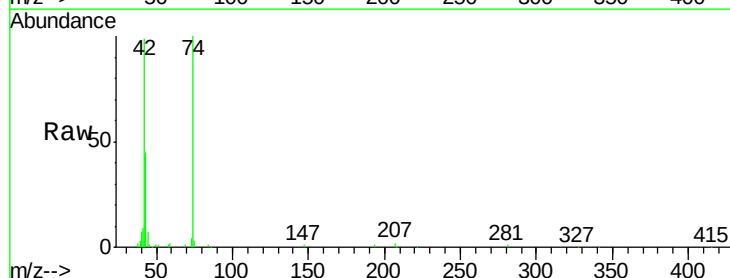
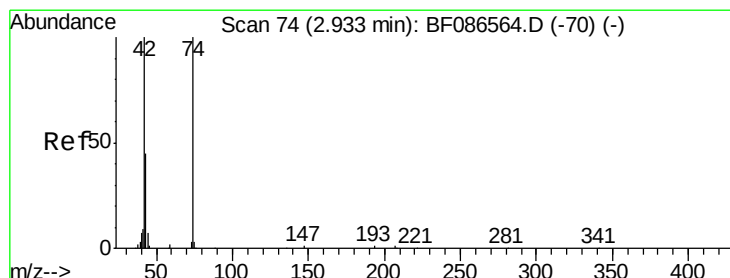
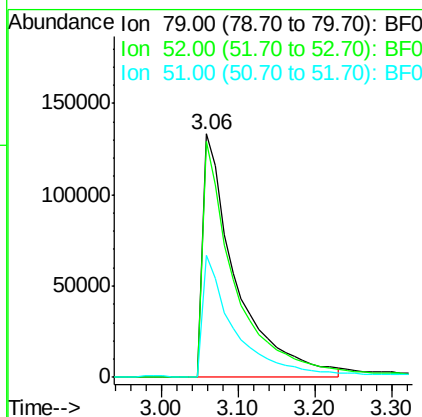
#3
 Pyridine
 Concen: 42.48 ng
 RT: 3.06 min Scan# 85
 Delta R.T. 0.08 min
 Lab File: BF086532.D
 Acq: 30 Apr 2016 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	400338		
52	97.0	55.9	83.9#	
51	50.1	28.1	42.1#	

Instrument :
 BNA_F
 ClientSampleId :
 PB90035BS

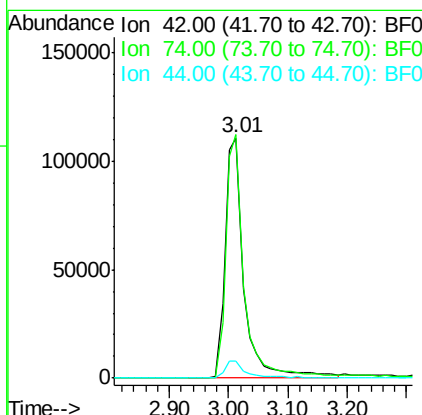
Manual Integrations
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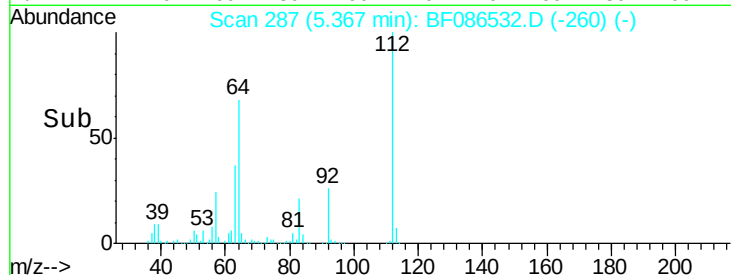
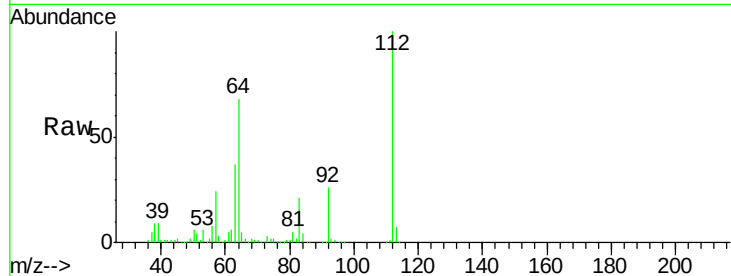
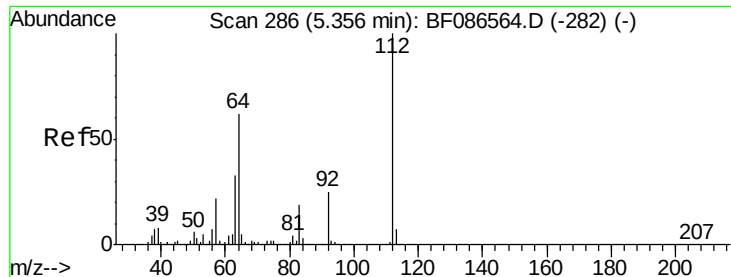
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#4
 n-Nitrosodimethylamine
 Concen: 45.60 ng
 RT: 3.01 min Scan# 81
 Delta R.T. 0.08 min
 Lab File: BF086532.D
 Acq: 30 Apr 2016 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	244914		
74	101.3	123.4	185.0#	
44	6.8	5.8	8.6	





#5

2-Fluorophenol

Concen: 134.01 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.01 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

Instrument :

BNA_F

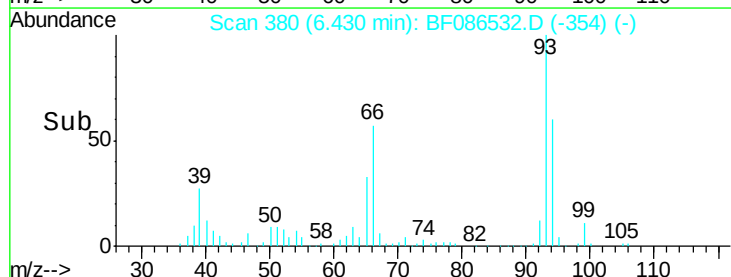
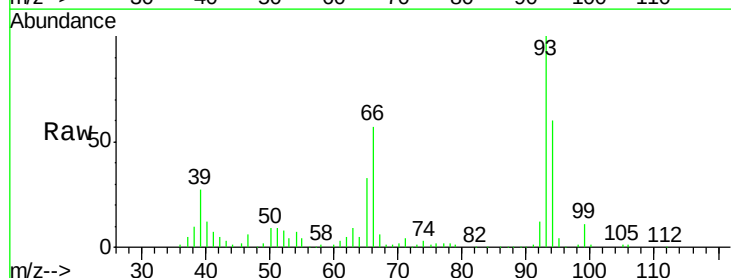
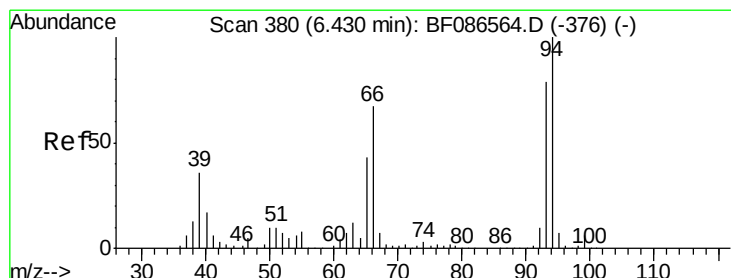
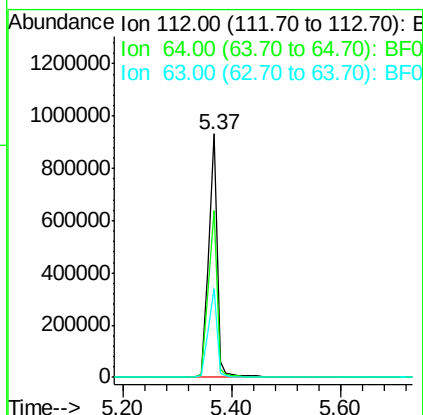
ClientSampleId :

PB90035BS

Manual Integrations
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Tgt Ion:	112	Resp:	1015738
Ion	Ratio	Lower	Upper
112	100		
64	68.3	52.1	78.1
63	36.5	25.7	38.5



#6

Aniline

Concen: 27.41 ng

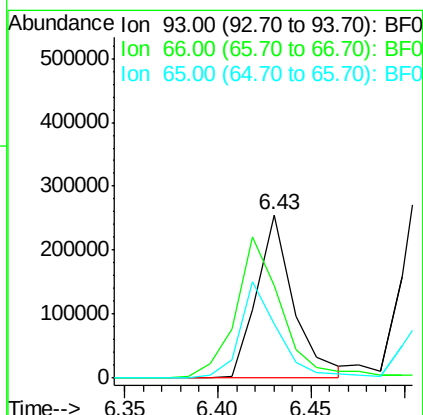
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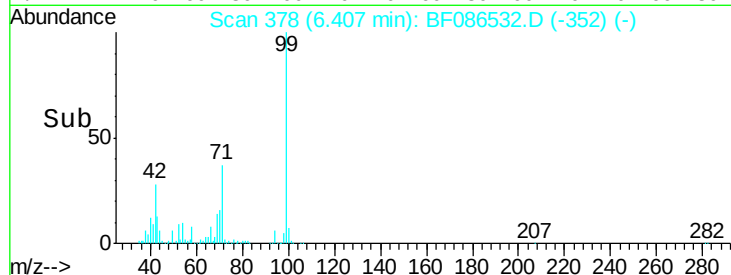
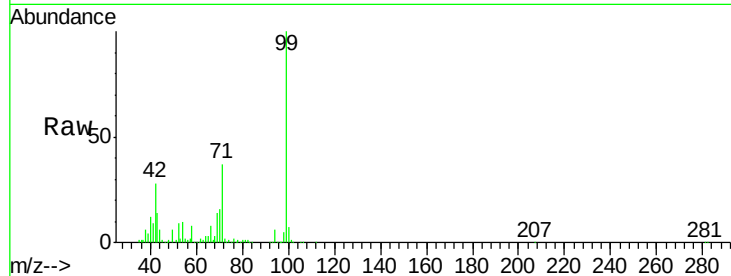
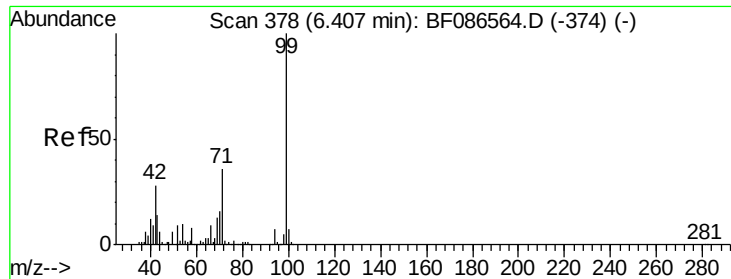
Delta R.T. 0.00 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

Tgt Ion:	93	Resp:	350935
Ion	Ratio	Lower	Upper
93	100		
66	56.9	39.0	58.6
65	33.3	20.6	31.0





#7

Phenol-d6

Concen: 122.82 ng

RT: 6.41 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

Tgt Ion:	99	Resp:	1299340
Ion	Ratio	Lower	Upper
99	100		
42	27.8	13.6	20.4#
71	36.7	24.6	36.8

Instrument :

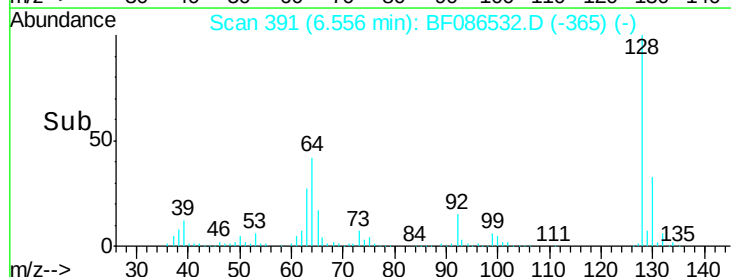
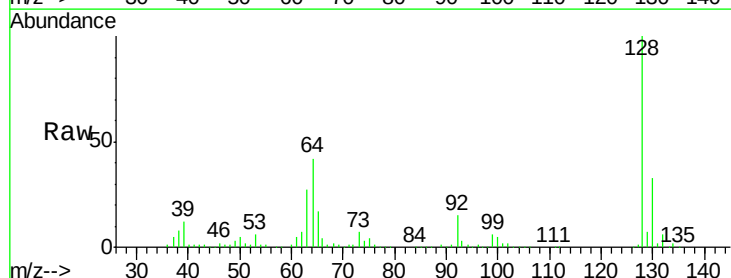
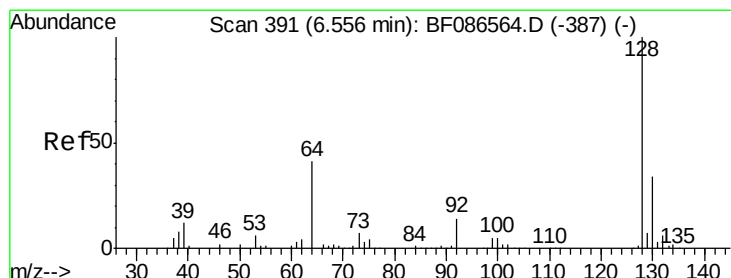
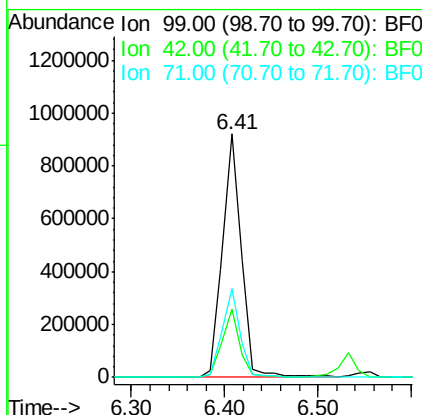
BNA_F

ClientSampleId :

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#8

2-Chlorophenol

Concen: 40.66 ng

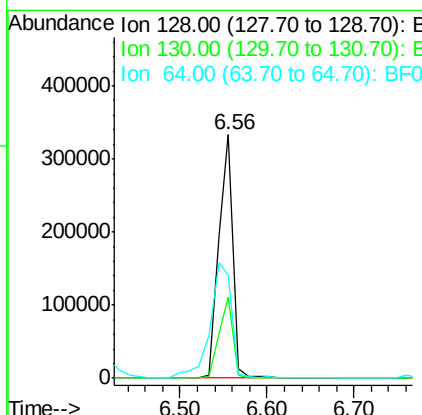
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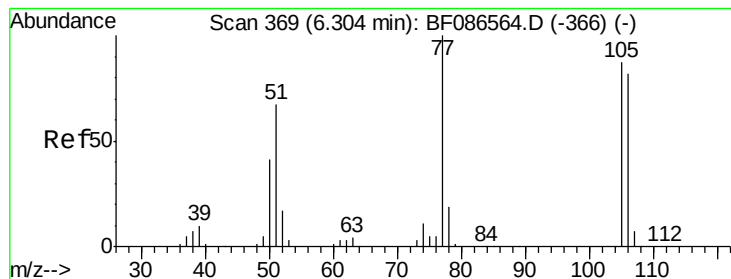
Delta R.T. 0.00 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

Tgt Ion:	128	Resp:	383824
Ion	Ratio	Lower	Upper
128	100		
130	33.4	12.5	52.5
64	42.2	27.3	67.3





#9

Benzaldehyde

Concen: 10.74 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.01 min

Lab File: BF086532.D

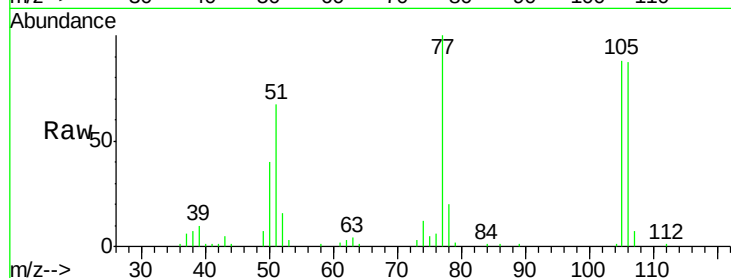
Acq: 30 Apr 2016 19:14

Instrument :

BNA_F

ClientSampleId :

PB90035BS



Tgt Ion: 77 Resp: 66103

Ion Ratio Lower Upper

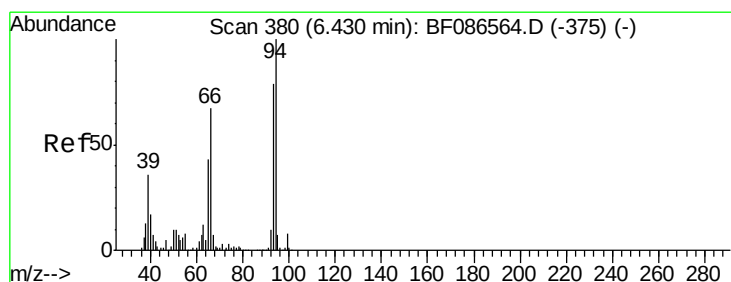
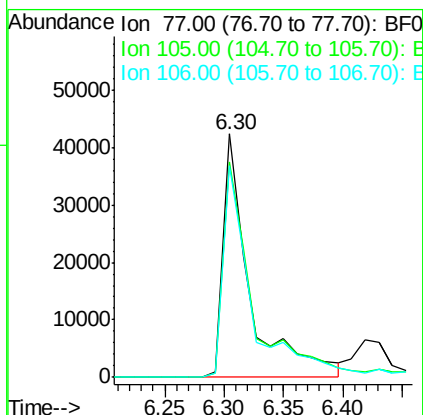
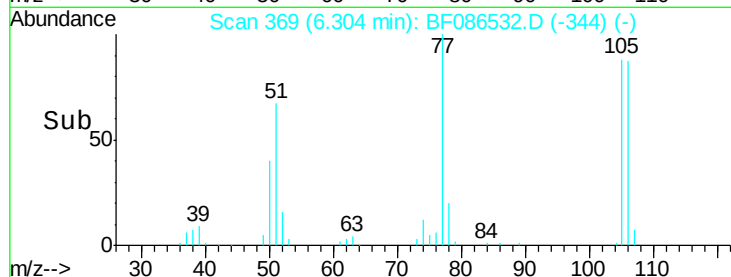
77 100

105 88.4 72.7 112.7

106 87.1 70.8 110.8

Manual Integrations
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#10

Phenol

Concen: 36.55 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

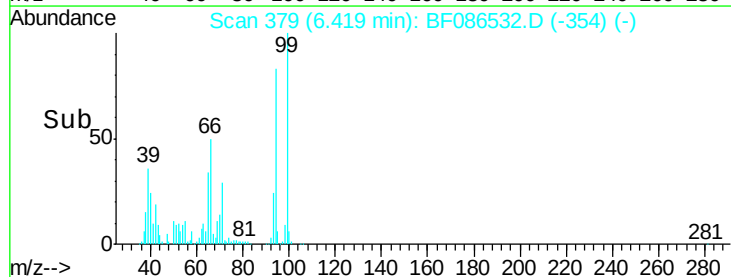
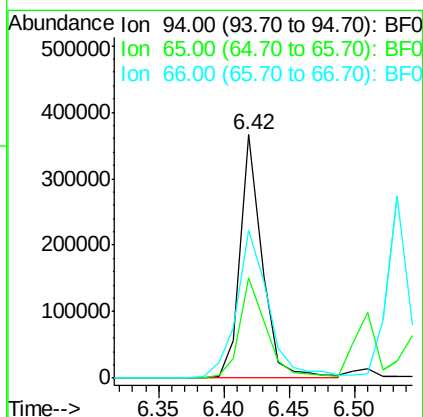
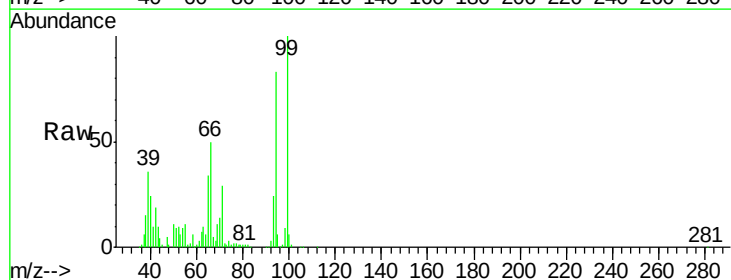
Tgt Ion: 94 Resp: 431434

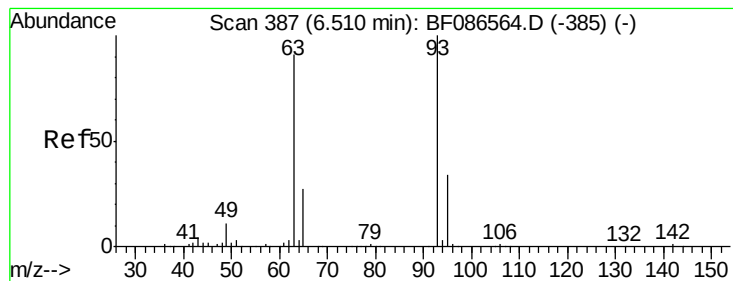
Ion Ratio Lower Upper

94 100

65 41.4 7.2 47.2

66 60.5 14.9 54.9#





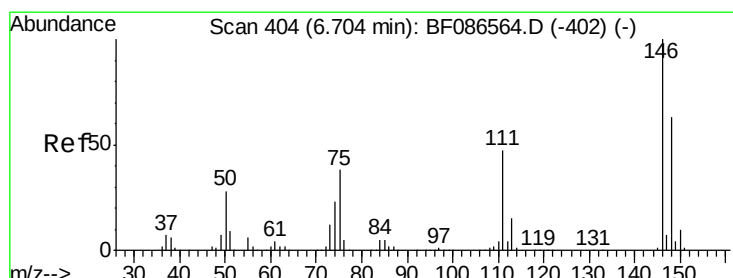
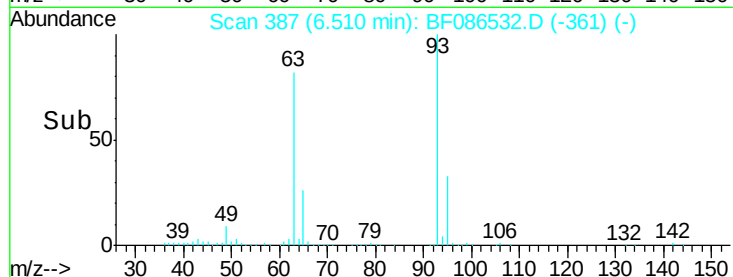
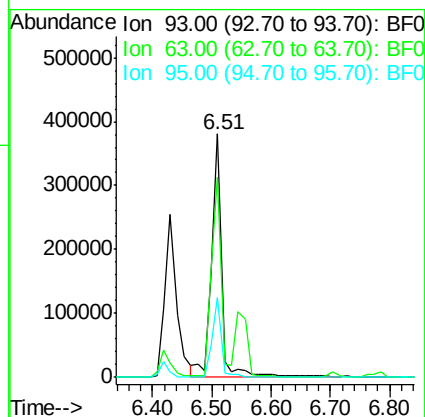
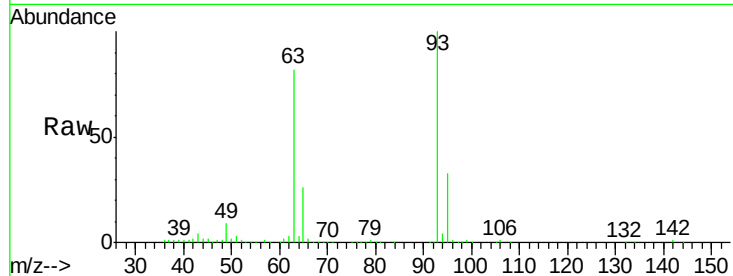
#11
 bis(2-Chloroethyl)ether
 Concen: 43.07 ng
 RT: 6.51 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: BF086532.D
 Acq: 30 Apr 2016 19:14

Instrument :
 BNA_F
 ClientSampleId :
 PB90035BS

Tgt Ion:	93	Resp:	439459
Ion Ratio	Lower	Upper	
93	100		
63	82.4	58.0	98.0
95	32.5	11.9	51.9

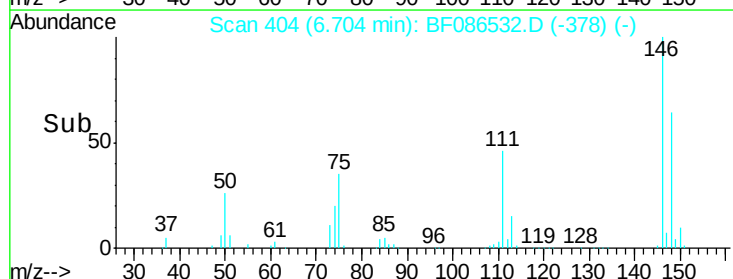
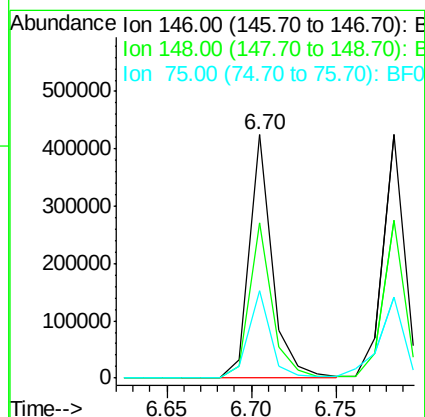
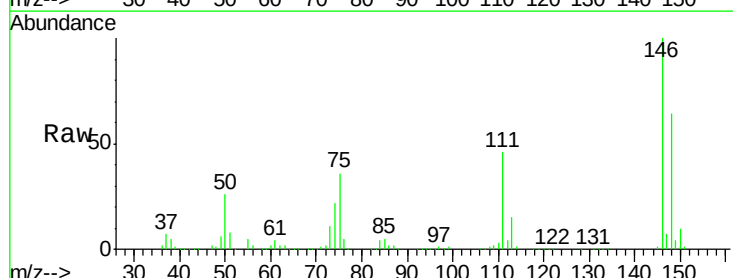
Manual Integrations
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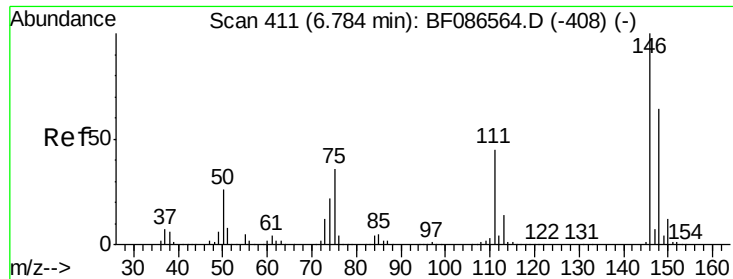
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#12
 1,3-Dichlorobenzene
 Concen: 38.53 ng m
 RT: 6.70 min Scan# 404
 Delta R.T. 0.00 min
 Lab File: BF086532.D
 Acq: 30 Apr 2016 19:14

Tgt Ion:	146	Resp:	391241
Ion Ratio	Lower	Upper	
146	100		
148	63.9	52.4	78.6
75	35.8	22.8	34.2#





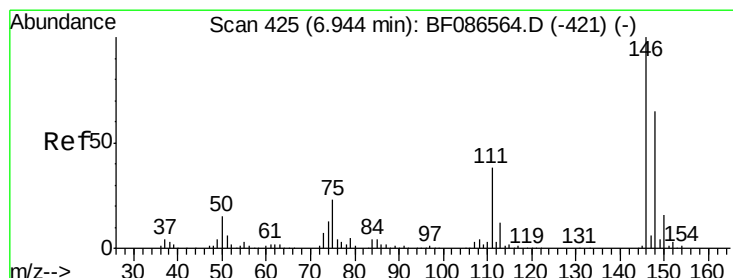
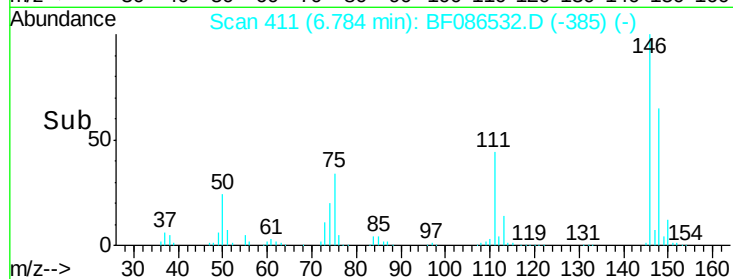
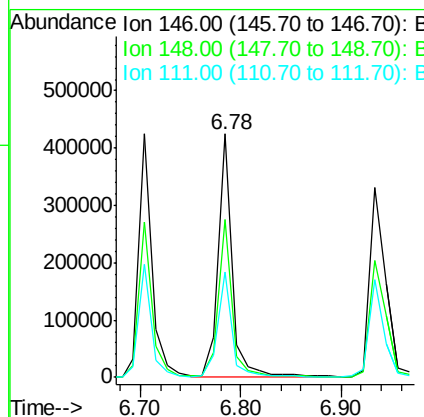
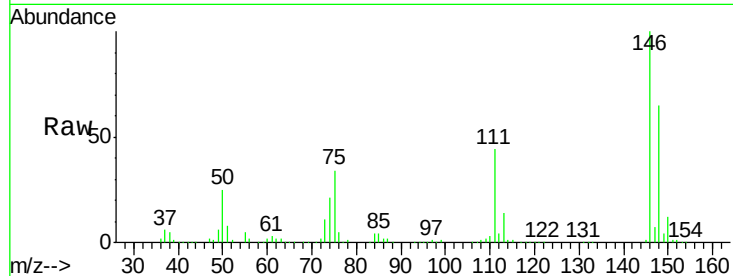
#13
 1,4-Dichlorobenzene
 Concen: 39.22 ng
 RT: 6.78 min Scan# 411
 Delta R.T. 0.00 min
 Lab File: BF086532.D
 Acq: 30 Apr 2016 19:14

Instrument :
 BNA_F
 ClientSampleId :
 PB90035BS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	410894		
148	64.9	52.2	78.4	
111	43.5	30.7	46.1	

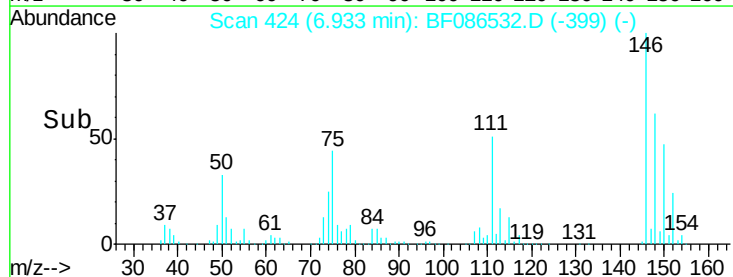
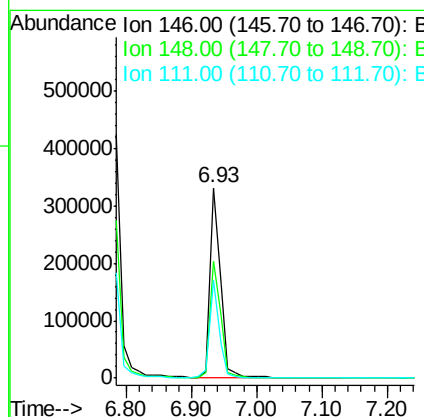
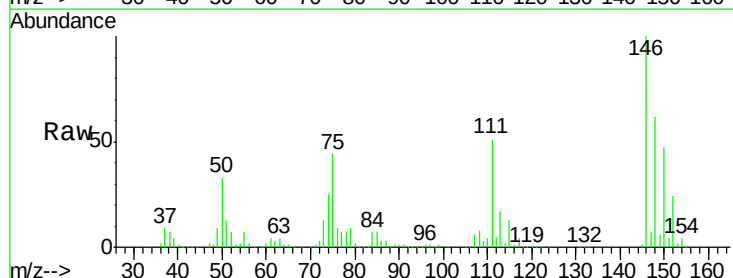
Manual Integrations
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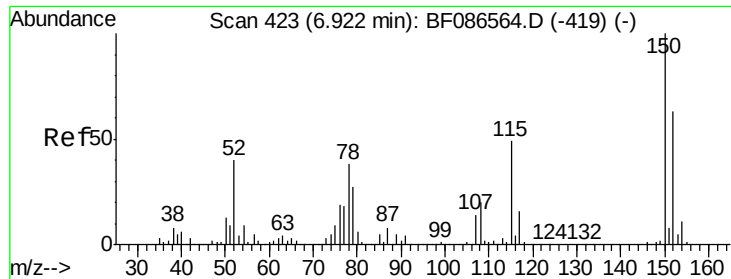
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#14
 1,2-Dichlorobenzene
 Concen: 39.12 ng
 RT: 6.93 min Scan# 424
 Delta R.T. -0.01 min
 Lab File: BF086532.D
 Acq: 30 Apr 2016 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	375857		
148	61.7	51.0	76.6	
111	51.0	36.2	54.4	





#15

Benzyl Alcohol

Concen: 47.49 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

Instrument :

BNA_F

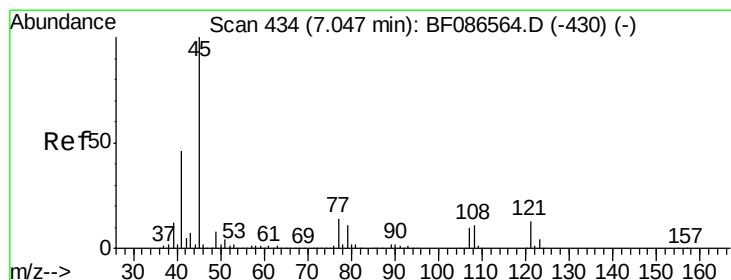
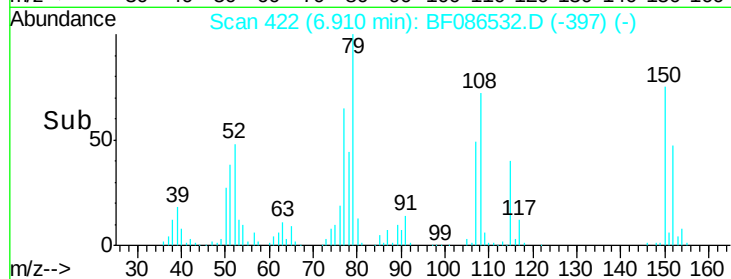
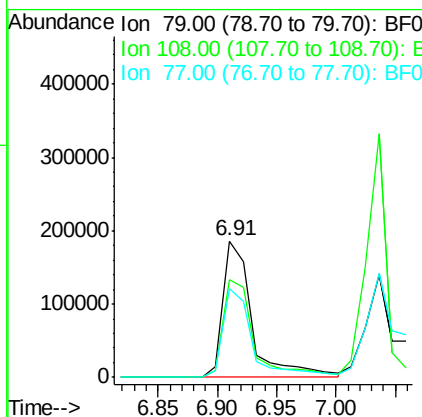
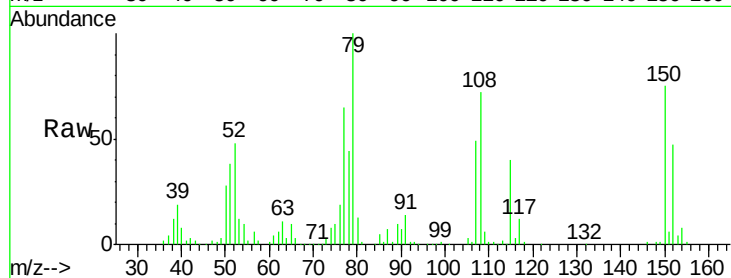
ClientSampleId :

PB90035BS

Tgt Ion:	79	Resp:	317841
Ion Ratio	Lower	Upper	
79	100		
108	71.7	68.4	102.6
77	65.2	50.6	76.0

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.63 ng

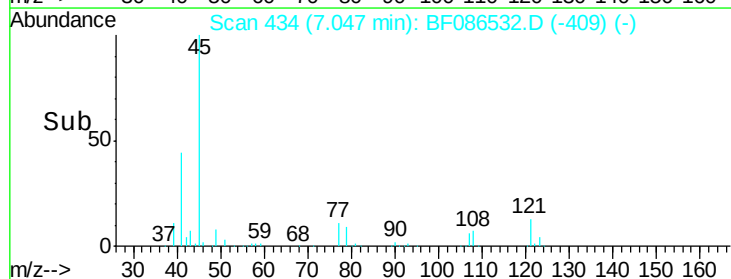
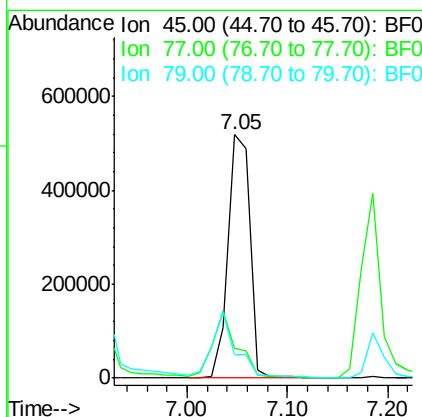
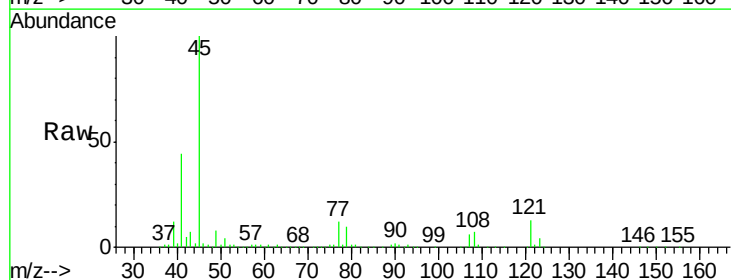
RT: 7.05 min Scan# 434

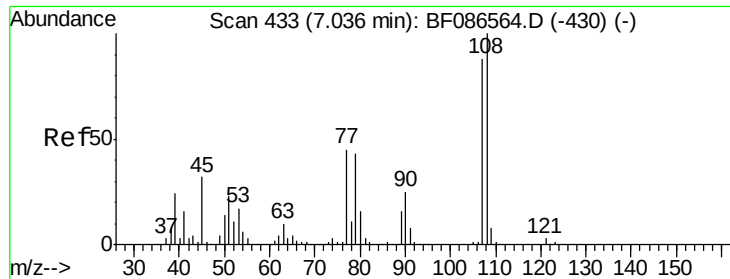
Delta R.T. -0.01 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

Tgt Ion:	45	Resp:	788923
Ion Ratio	Lower	Upper	
45	100		
77	12.2	0.0	36.4
79	9.6	0.0	33.4





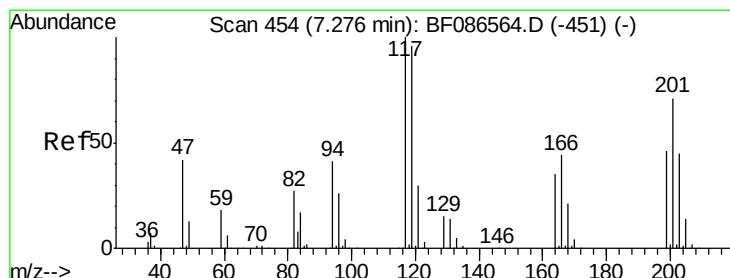
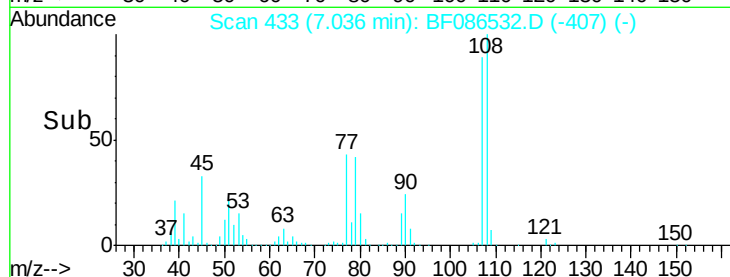
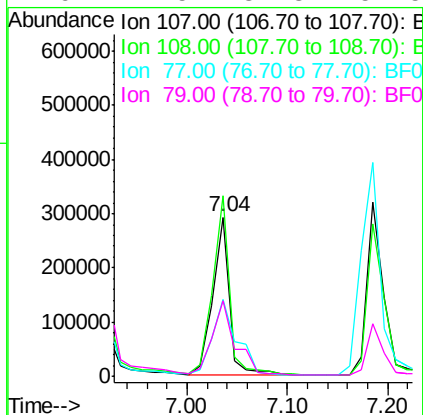
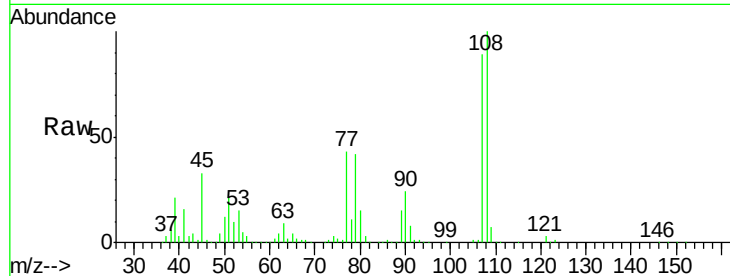
#17
2-Methylphenol
Concen: 44.46 ng
RT: 7.04 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF086532.D
Acq: 30 Apr 2016 19:14

Instrument :
BNA_F
ClientSampleId :
PB90035BS

Tgt Ion:	107	Resp:	339227
Ion Ratio	Lower	Upper	
107	100		
108	112.9	93.7	140.5
77	48.4	33.4	50.0
79	47.5	34.3	51.5

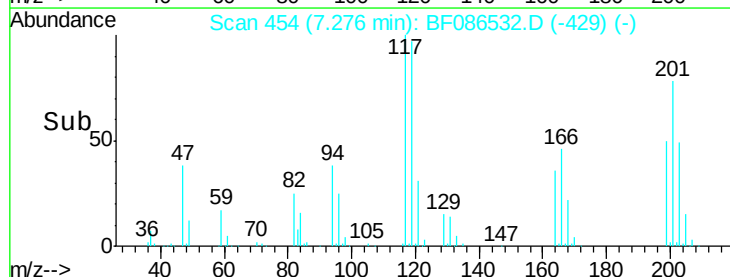
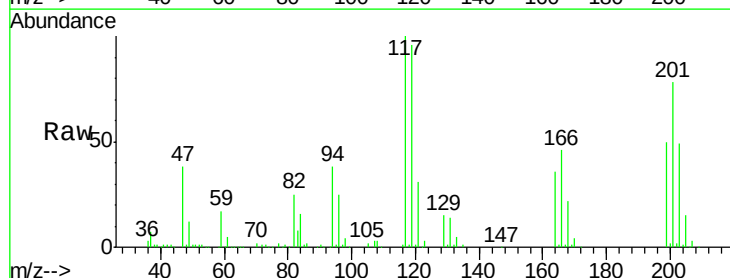
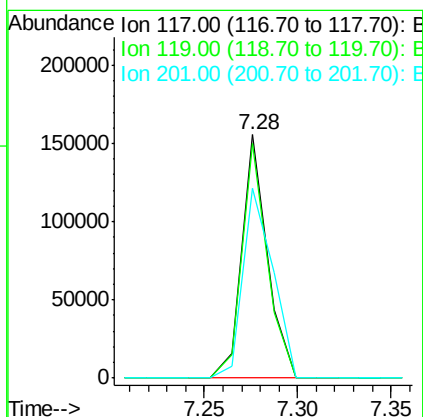
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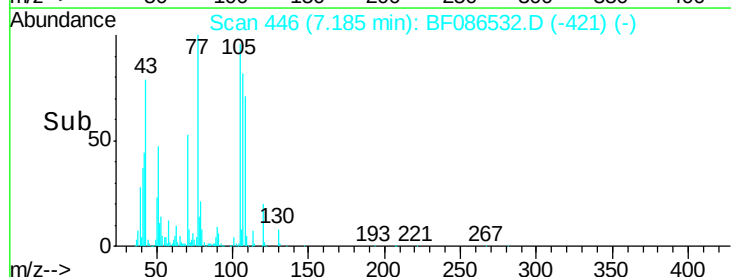
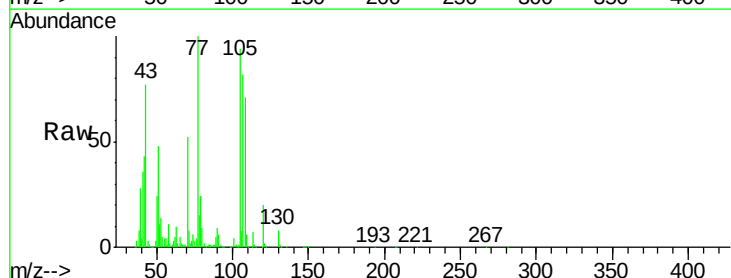
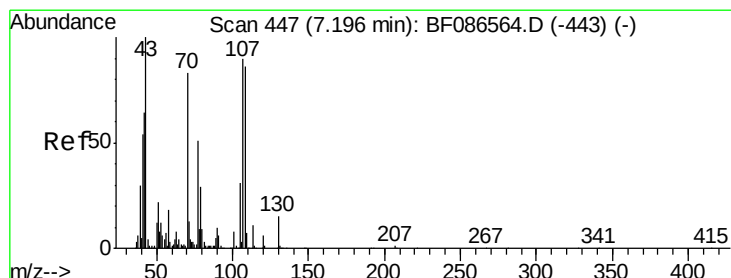
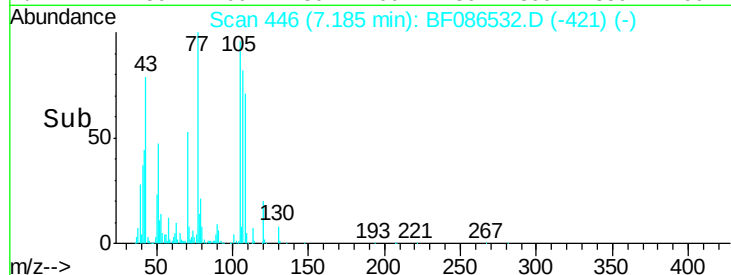
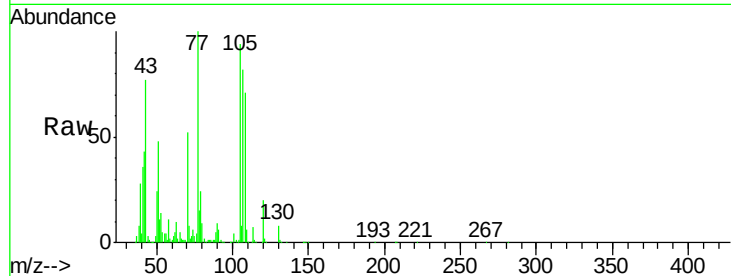
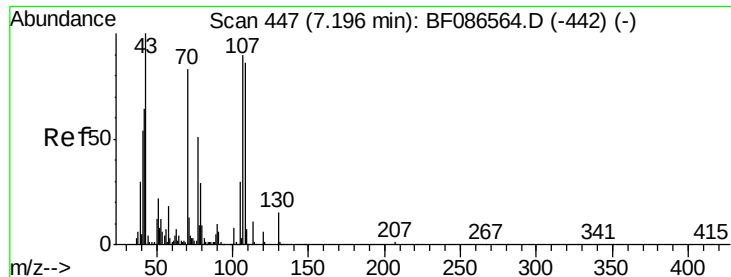
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#18
Hexachloroethane
Concen: 37.78 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF086532.D
Acq: 30 Apr 2016 19:14

Tgt Ion:	117	Resp:	147933
Ion Ratio	Lower	Upper	
117	100		
119	96.3	76.5	114.7
201	78.2	63.0	94.6





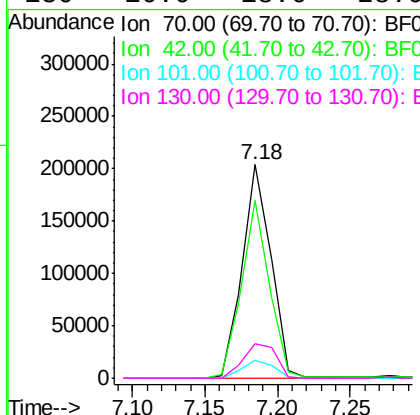
#19
n-Nitroso-di-n-propylamine
Concen: 40.32 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF086532.D
Acq: 30 Apr 2016 19:14

Instrument :
BNA_F
ClientSampleId :
PB90035BS

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	281949		
42	83.4	43.1	64.7#	
101	8.3	8.1	12.1	
130	16.0	18.6	28.0#	

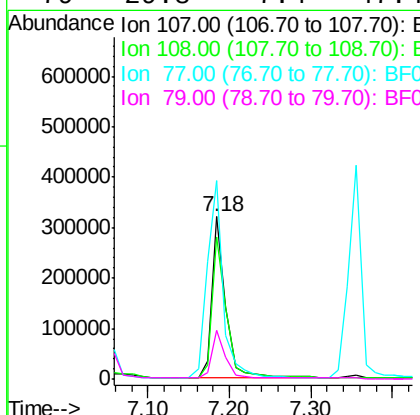
Manual Integrations
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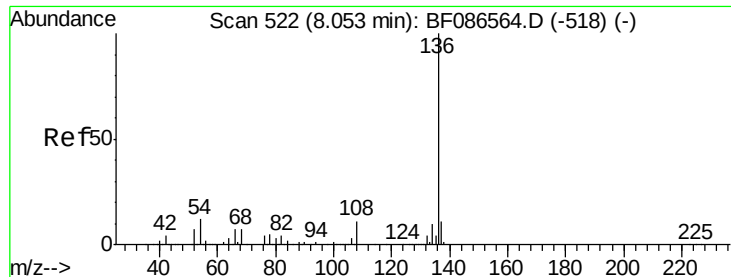
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#20
3+4-Methylphenols
Concen: 43.96 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF086532.D
Acq: 30 Apr 2016 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	383024		
108	87.3	68.5	108.5	
77	122.4	101.6	141.6	
79	29.8	7.4	47.4	





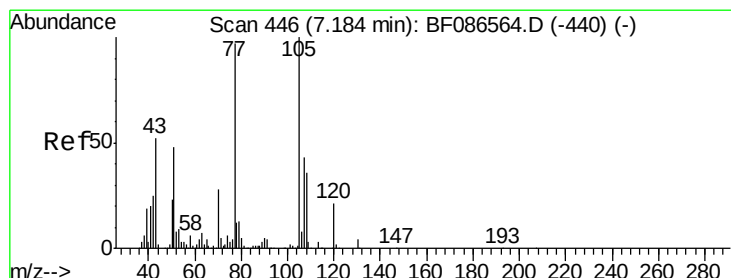
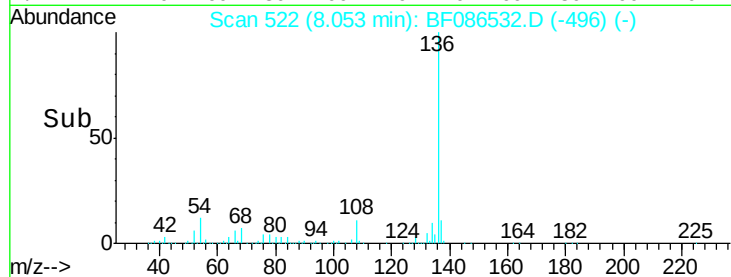
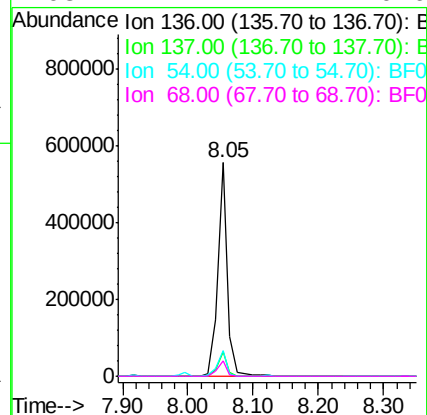
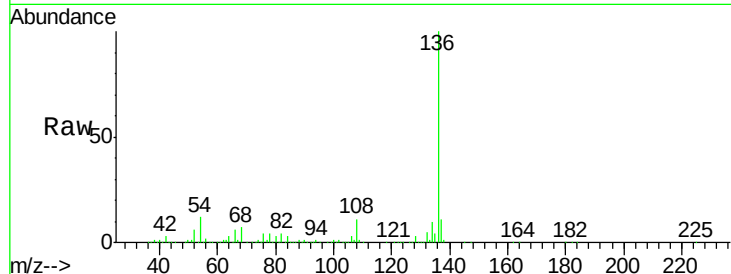
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. 0.00 min
Lab File: BF086532.D
Acq: 30 Apr 2016 19:14

Instrument :
BNA_F
ClientSampleId :
PB90035BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	578981		
137	11.1	8.8	13.2	
54	11.9	5.0	7.4#	
68	7.2	4.4	6.6#	

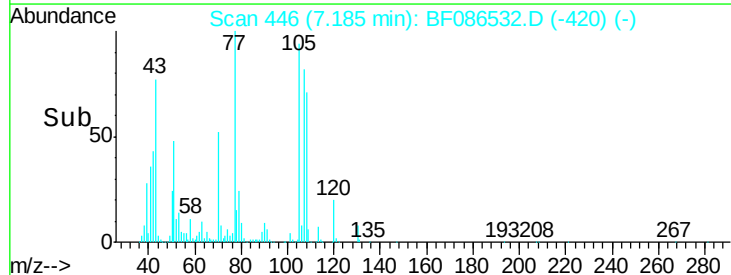
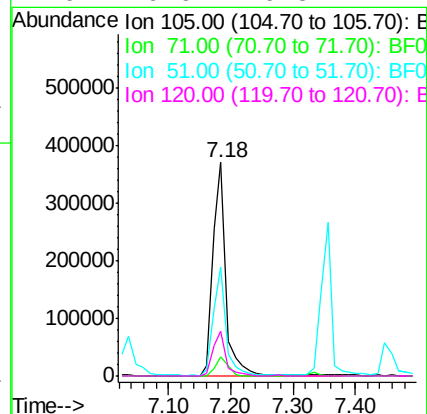
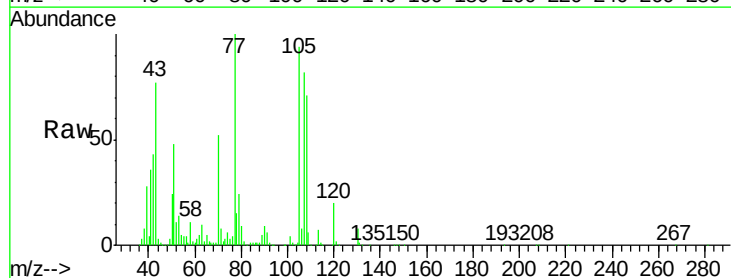
Manual Integrations
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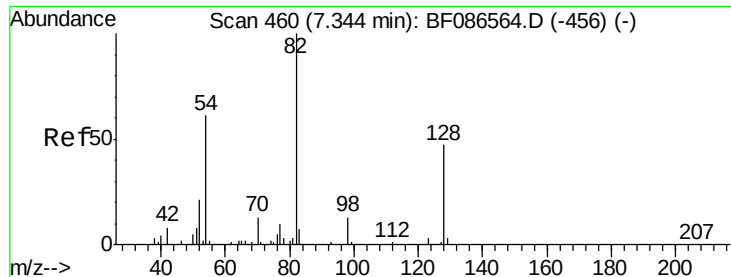
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#22
Acetophenone
Concen: 42.70 ng
RT: 7.18 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF086532.D
Acq: 30 Apr 2016 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	542061		
71	8.9	4.8	7.2#	
51	50.8	32.6	49.0#	
120	20.9	16.5	24.7	





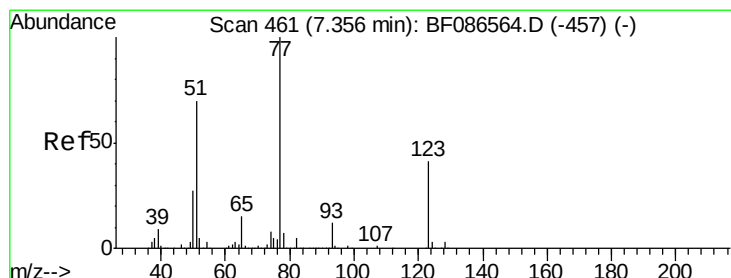
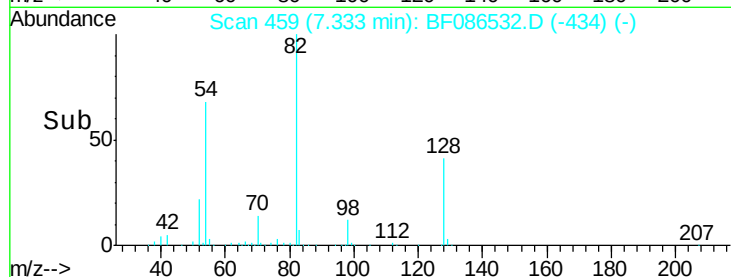
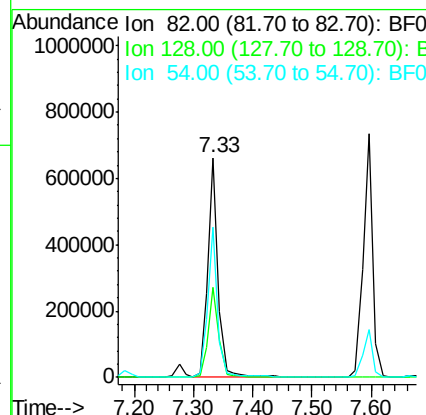
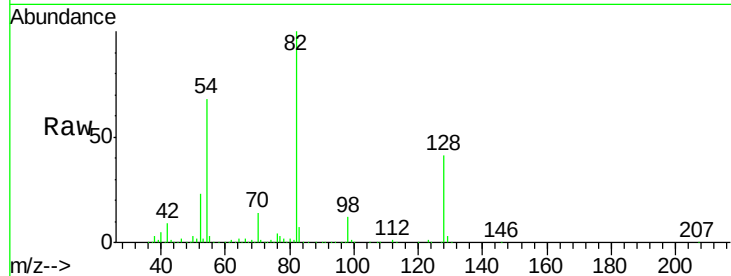
#23
 Nitrobenzene-d5
 Concen: 77.54 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF086532.D
 Acq: 30 Apr 2016 19:14

Instrument :
 BNA_F
 ClientSampleId :
 PB90035BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	40.8	40.6	61.0
54	68.3	38.1	57.1#

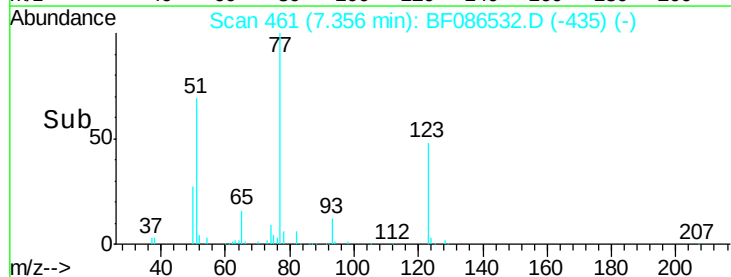
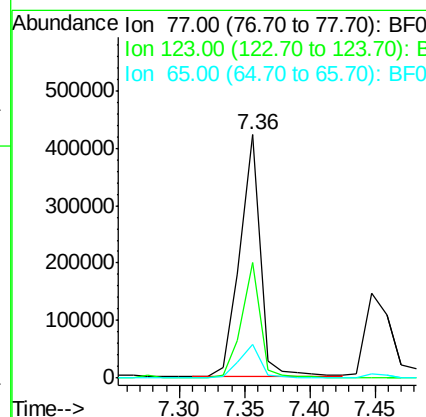
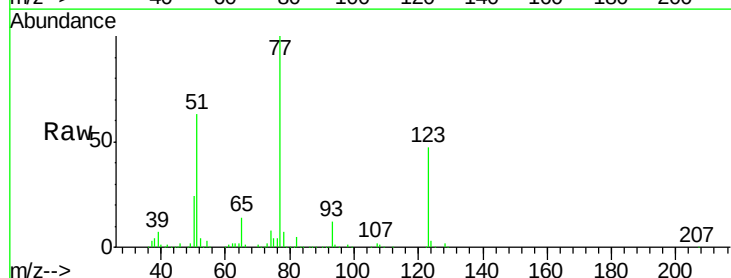
Manual Integrations
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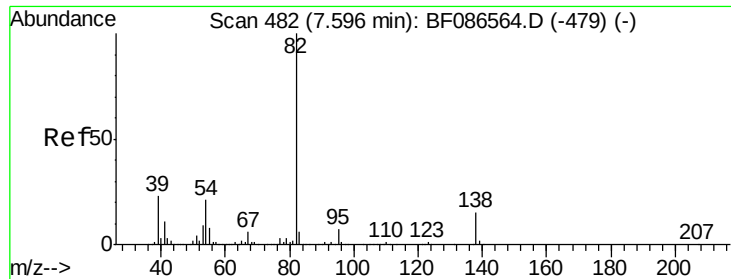
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#24
 Nitrobenzene
 Concen: 41.19 ng
 RT: 7.36 min Scan# 461
 Delta R.T. 0.00 min
 Lab File: BF086532.D
 Acq: 30 Apr 2016 19:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
77	100		
123	47.3	33.0	49.4
65	13.9	10.8	16.2





#25

Isophorone

Concen: 39.39 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

Instrument :

BNA_F

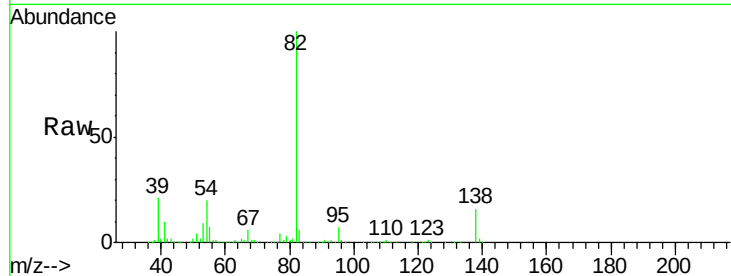
ClientSampleId :

PB90035BS

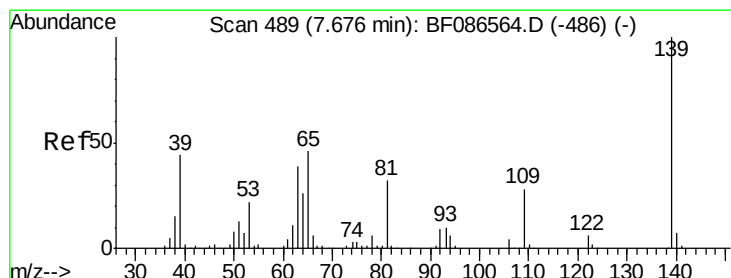
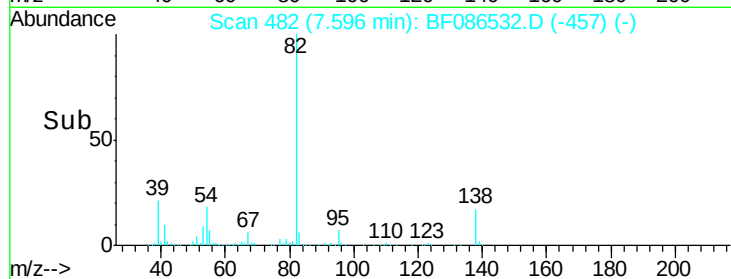
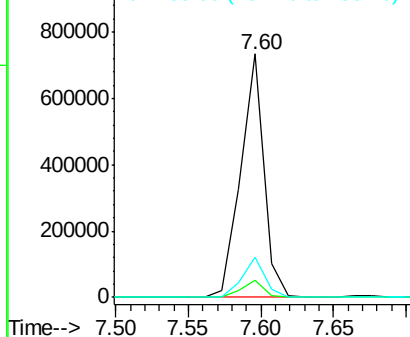
Tgt Ion:	82	Resp:	814352
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.1	7.7
138	16.4	12.4	18.6

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



#26

2-Nitrophenol

Concen: 40.64 ng

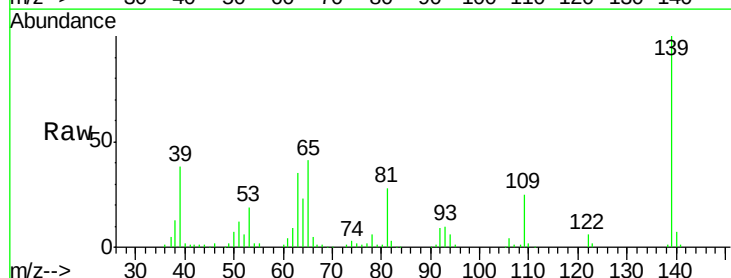
RT: 7.68 min Scan# 489

Delta R.T. 0.00 min

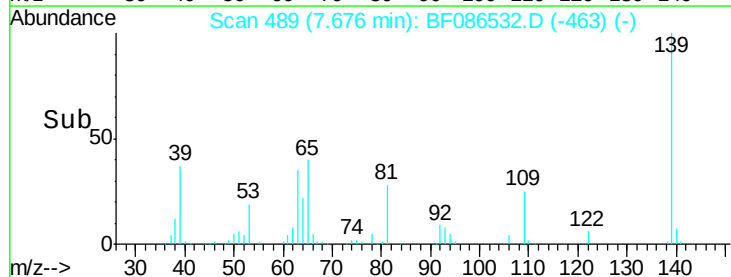
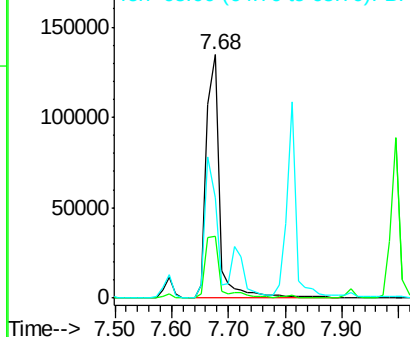
Lab File: BF086532.D

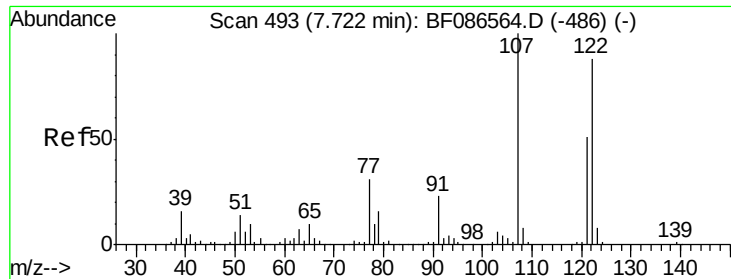
Acq: 30 Apr 2016 19:14

Tgt Ion:	139	Resp:	206757
Ion Ratio	Lower	Upper	
139	100		
109	25.4	19.5	29.3
65	41.3	37.5	56.3



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





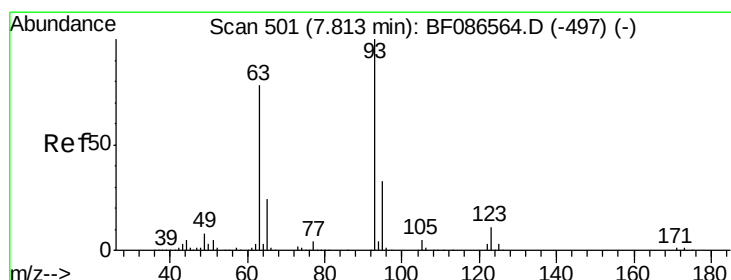
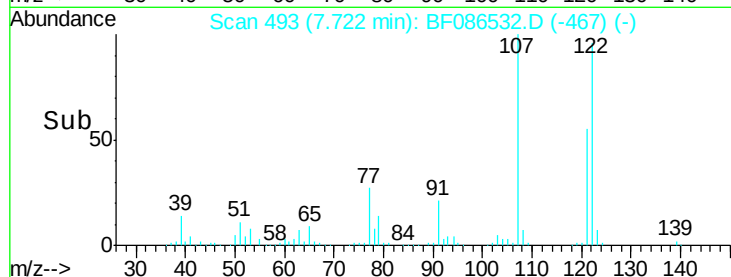
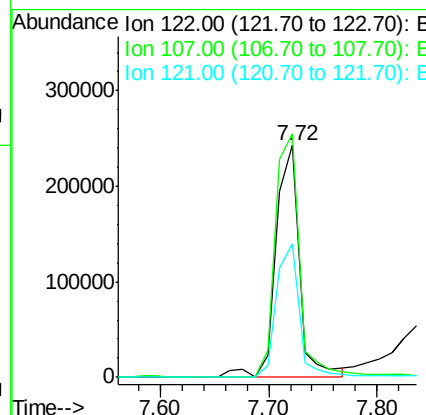
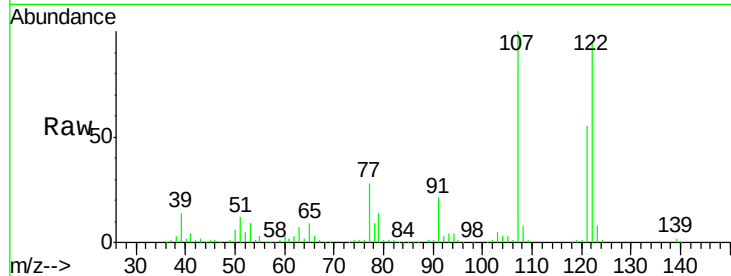
#27
2,4-Dimethylphenol
Concen: 41.21 ng
RT: 7.72 min Scan# 493
Delta R.T. 0.00 min
Lab File: BF086532.D
Acq: 30 Apr 2016 19:14

Instrument :
BNA_F
ClientSampleId :
PB90035BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	367858		
107	105.0	82.0	123.0	
121	57.6	46.1	69.1	

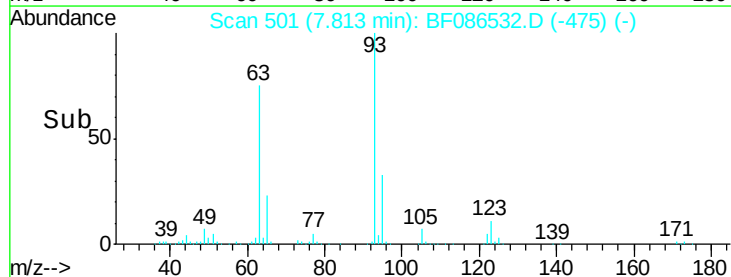
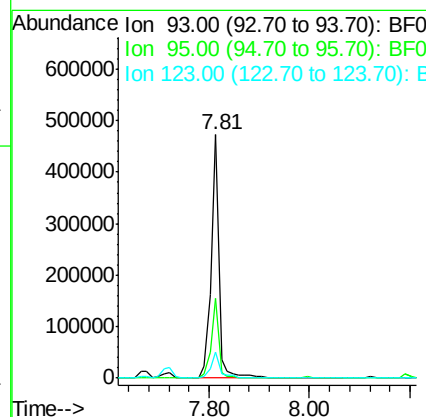
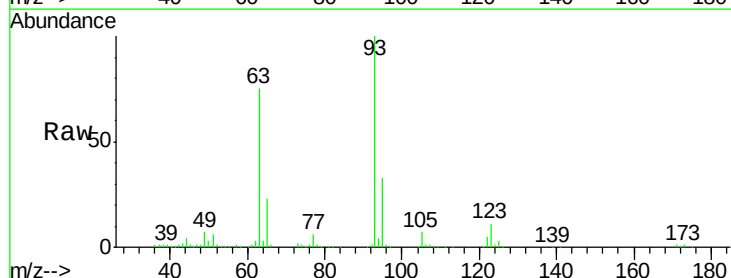
Manual Integrations
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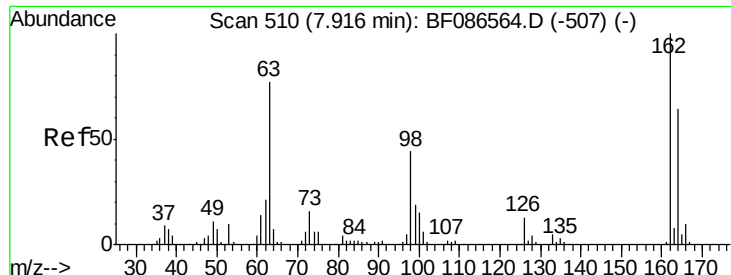
sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 45.20 ng
RT: 7.81 min Scan# 501
Delta R.T. 0.00 min
Lab File: BF086532.D
Acq: 30 Apr 2016 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	509020		
95	32.8	26.0	39.0	
123	10.8	9.5	14.3	





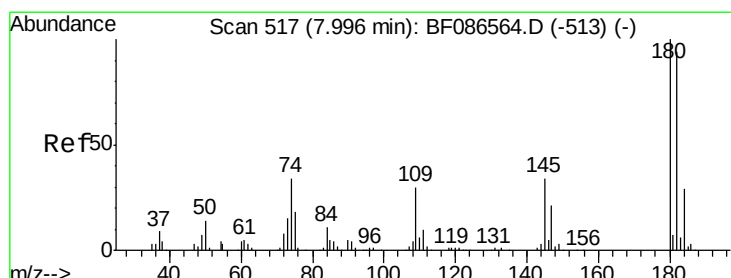
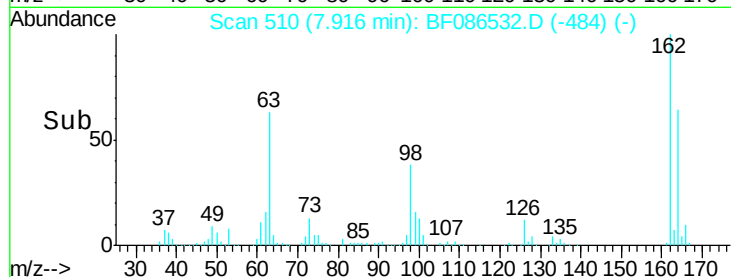
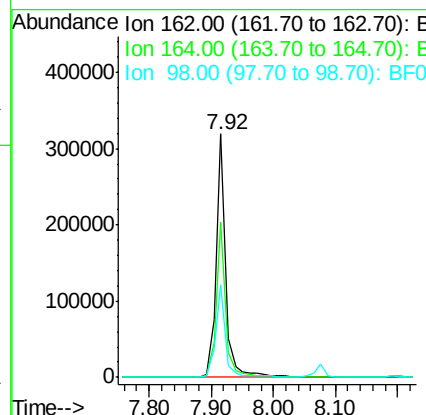
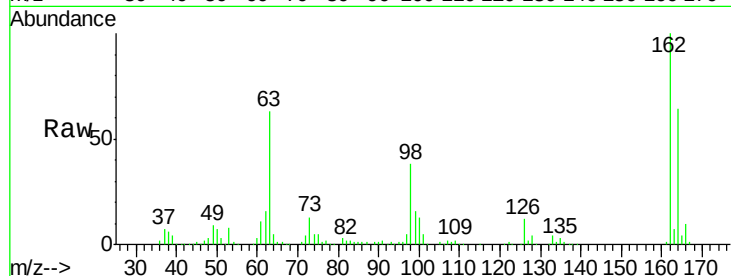
#29
2,4-Dichlorophenol
Concen: 45.38 ng
RT: 7.92 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF086532.D
Acq: 30 Apr 2016 19:14

Instrument :
BNA_F
ClientSampleId :
PB90035BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	341779		
164	63.9	42.2	82.2	
98	38.2	19.0	59.0	

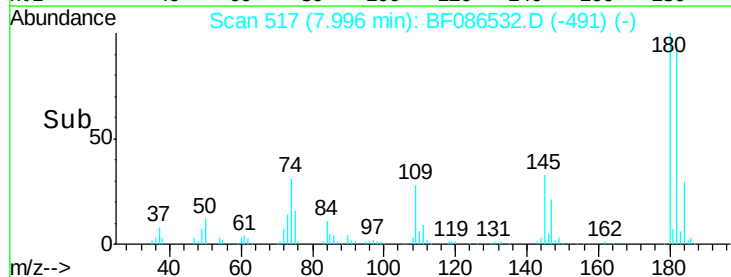
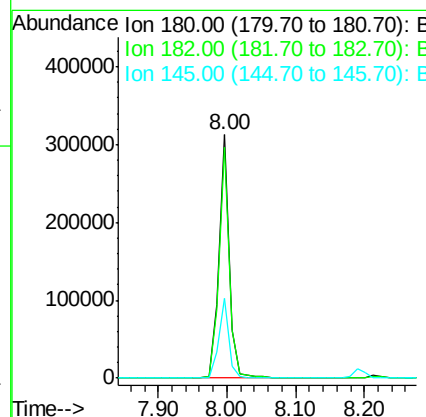
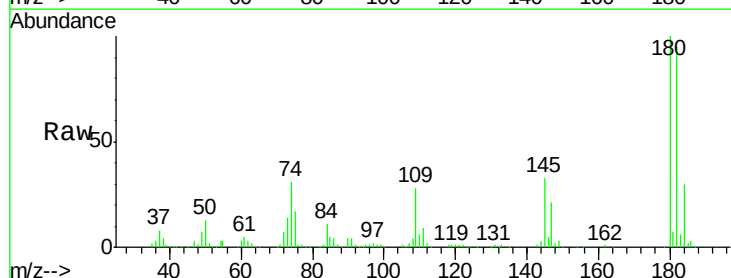
Manual Integrations
APPROVED

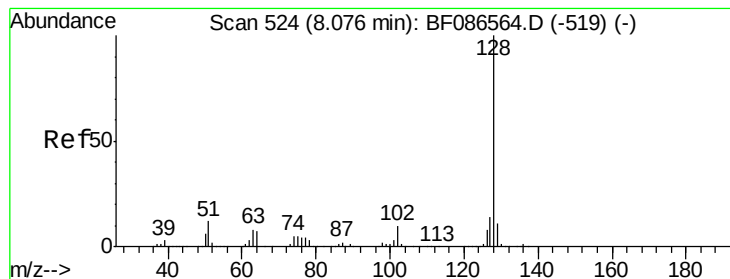
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#30
1,2,4-Trichlorobenzene
Concen: 38.38 ng
RT: 8.00 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF086532.D
Acq: 30 Apr 2016 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	335344		
182	94.9	78.0	117.0	
145	32.7	24.2	36.2	





#31

Naphthalene

Concen: 39.78 ng

RT: 8.08 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

Instrument :

BNA_F

ClientSampleId :

PB90035BS

Tgt Ion:128 Resp: 1171841

Ion Ratio Lower Upper

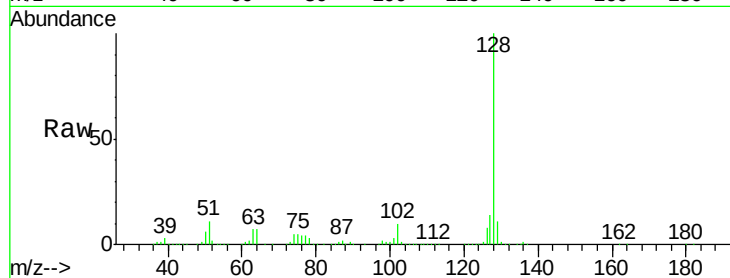
128 100

129 11.1 8.6 13.0

127 13.7 10.8 16.2

Manual Integrations
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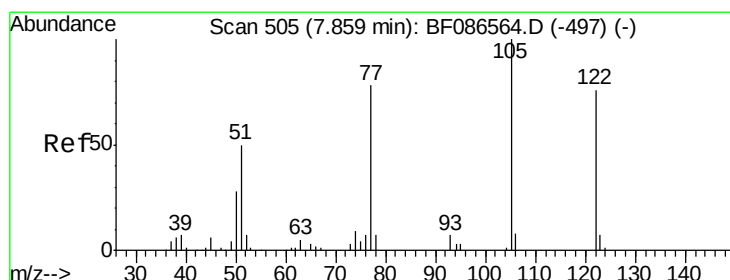
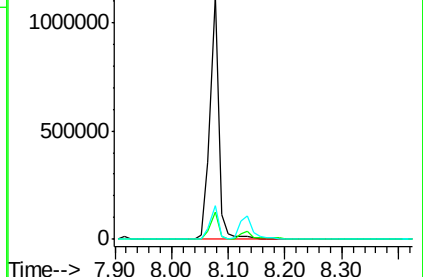
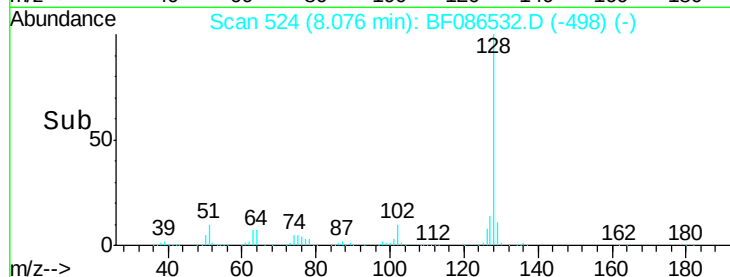
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 35.49 ng

RT: 7.85 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

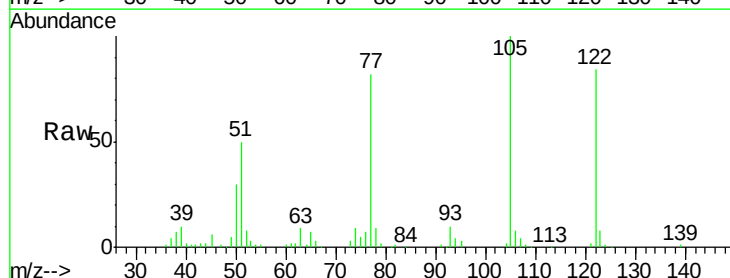
Tgt Ion:122 Resp: 176669

Ion Ratio Lower Upper

122 100

105 118.4 92.6 132.6

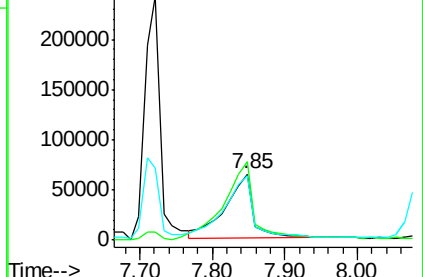
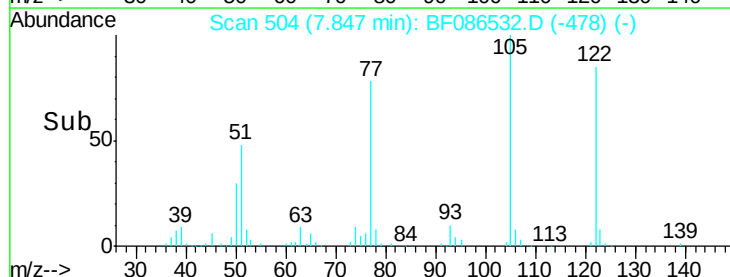
77 97.0 60.0 100.0

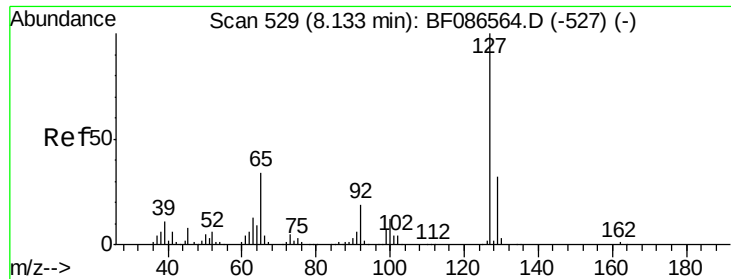


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





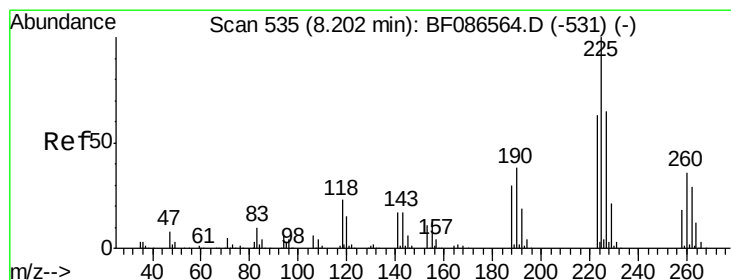
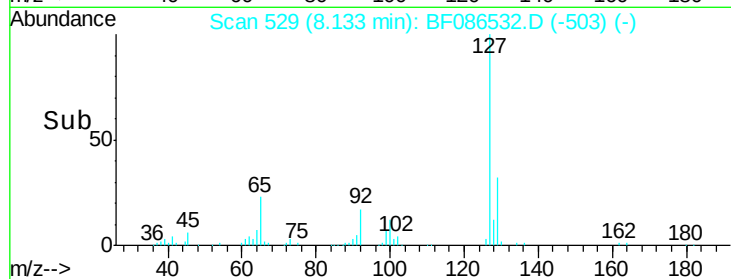
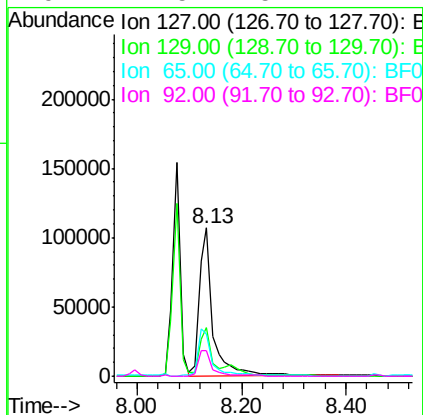
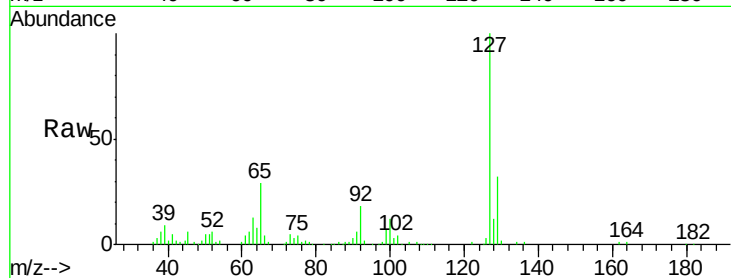
#33
4-Chloroaniline
Concen: 17.54 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF086532.D
Acq: 30 Apr 2016 19:14

Instrument :
BNA_F
ClientSampleId :
PB90035BS

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
127	100		193471		
129	32.5	26.2	39.4		
65	28.7	23.0	34.4		
92	17.5	15.1	22.7		

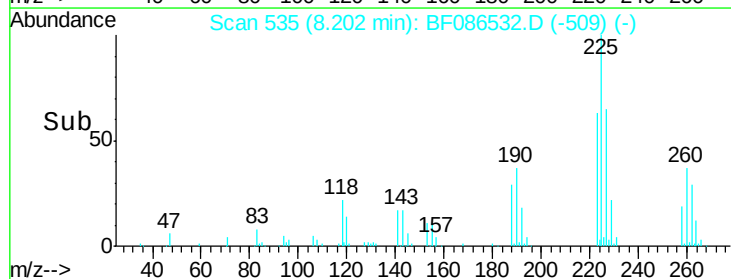
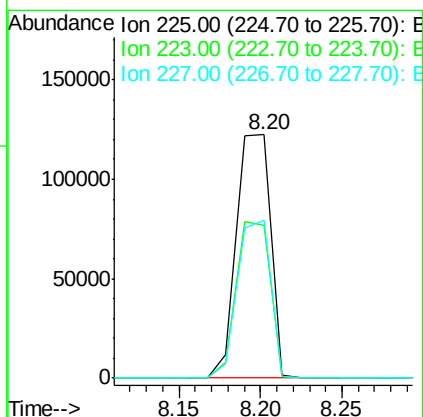
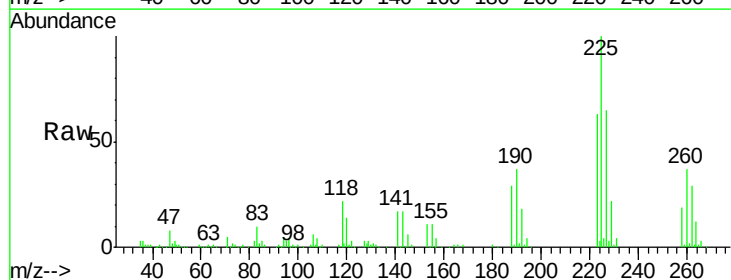
Manual Integrations
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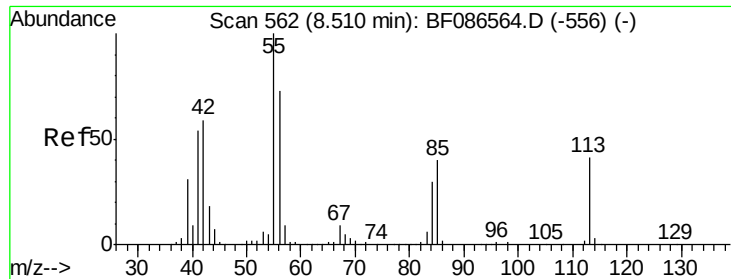
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#34
Hexachlorobutadiene
Concen: 36.22 ng
RT: 8.20 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF086532.D
Acq: 30 Apr 2016 19:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		177396		
223	62.6	51.5	77.3		
227	64.6	52.2	78.2		





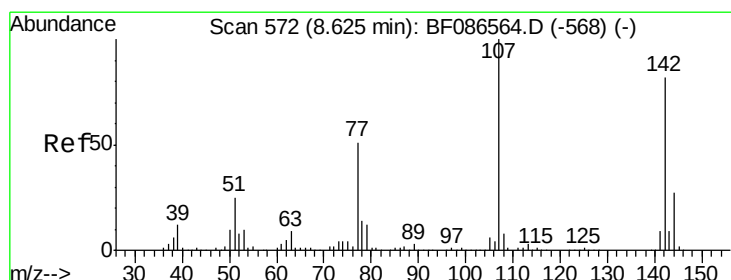
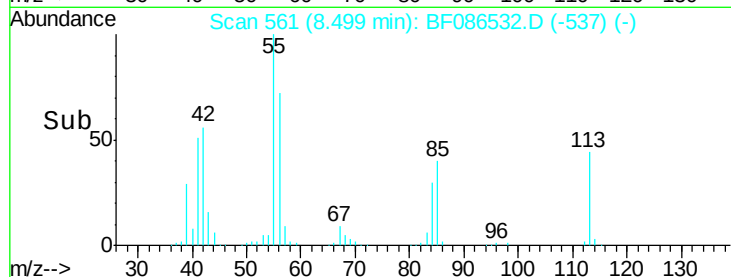
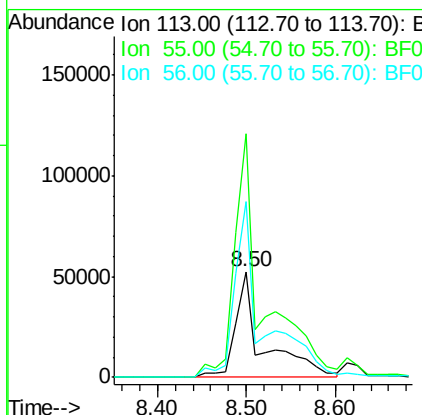
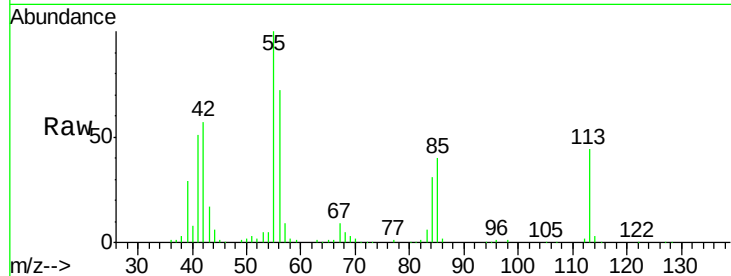
#35
 Caprolactam
 Concen: 45.05 ng m
 RT: 8.50 min Scan# 561
 Delta R.T. -0.02 min
 Lab File: BF086532.D
 Acq: 30 Apr 2016 19:14

Instrument :
 BNA_F
 ClientSampleId :
 PB90035BS

Tgt Ion:113 Resp: 113186
 Ion Ratio Lower Upper
 113 100
 55 229.9 162.0 202.0#
 56 165.8 115.3 155.3#

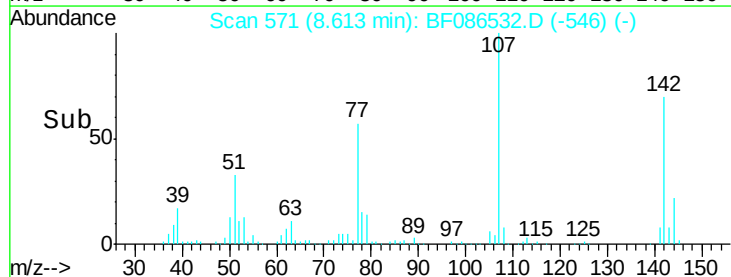
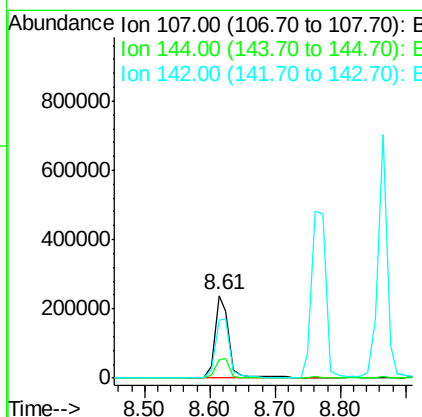
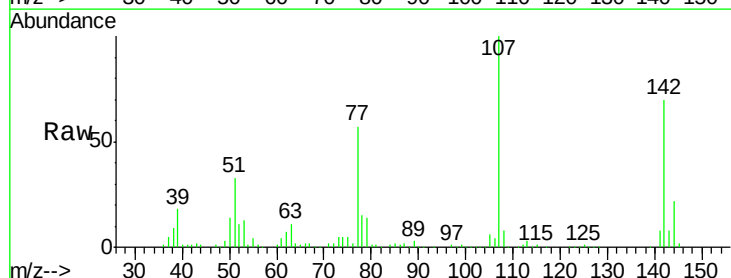
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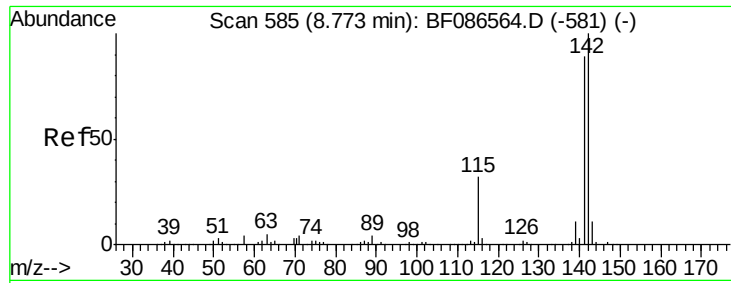
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#36
 4-Chloro-3-methylphenol
 Concen: 42.83 ng
 RT: 8.61 min Scan# 571
 Delta R.T. -0.01 min
 Lab File: BF086532.D
 Acq: 30 Apr 2016 19:14

Tgt Ion:107 Resp: 369331
 Ion Ratio Lower Upper
 107 100
 144 21.8 20.7 31.1
 142 70.2 63.2 94.8





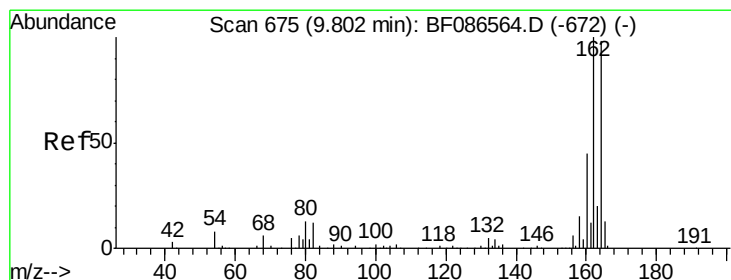
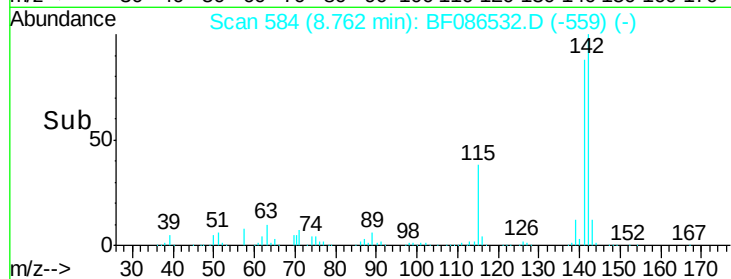
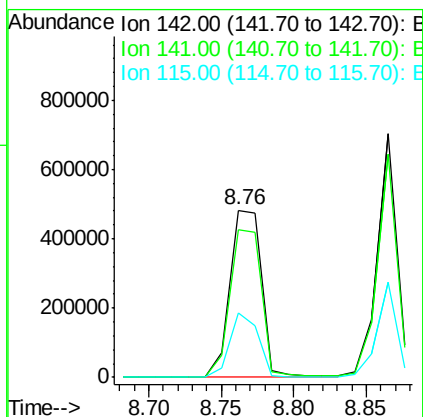
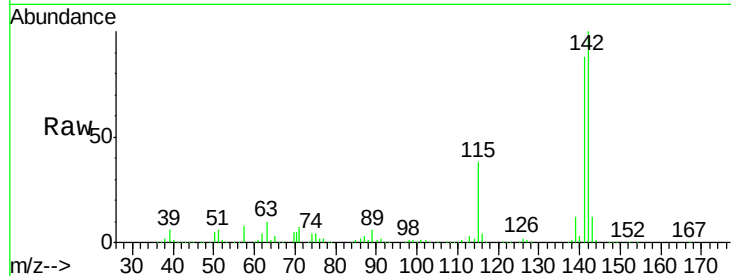
#37
 2-Methylnaphthalene
 Concen: 42.20 ng
 RT: 8.76 min Scan# 584
 Delta R.T. -0.01 min
 Lab File: BF086532.D
 Acq: 30 Apr 2016 19:14

Instrument :
 BNA_F
 ClientSampleId :
 PB90035BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	733694		
141	88.5	71.0	106.6	
115	38.4	26.6	39.8	

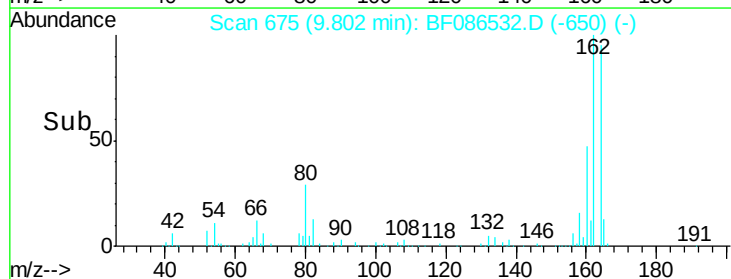
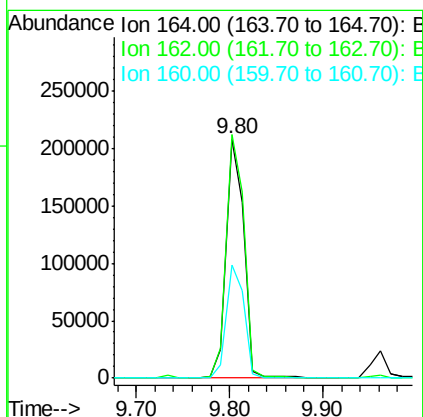
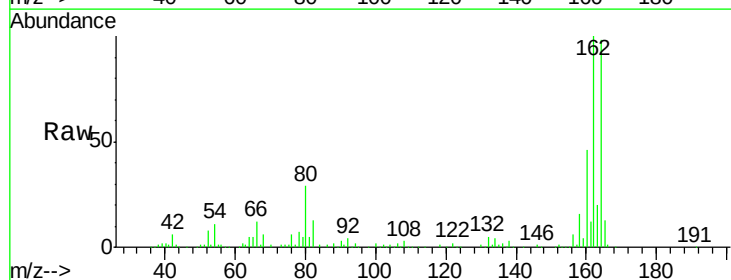
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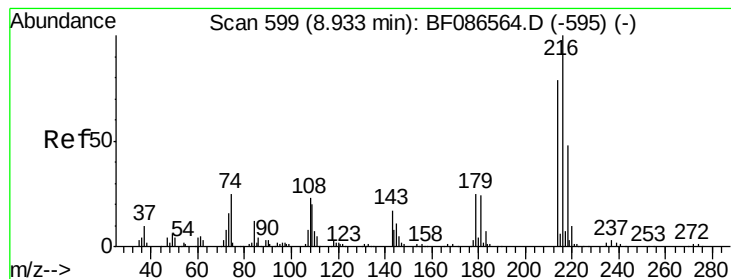
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF086532.D
 Acq: 30 Apr 2016 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	275657		
162	101.8	82.8	124.2	
160	47.2	36.9	55.3	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.71 ng

RT: 8.93 min Scan# 599

Delta R.T. 0.00 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

Instrument :

BNA_F

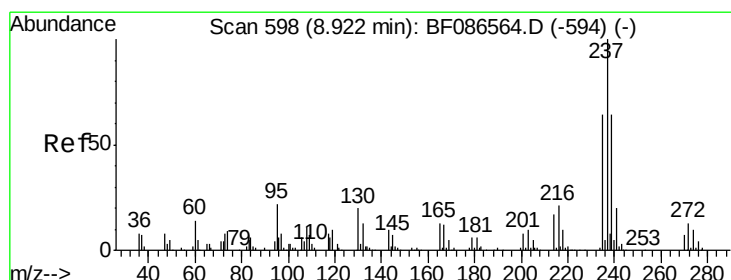
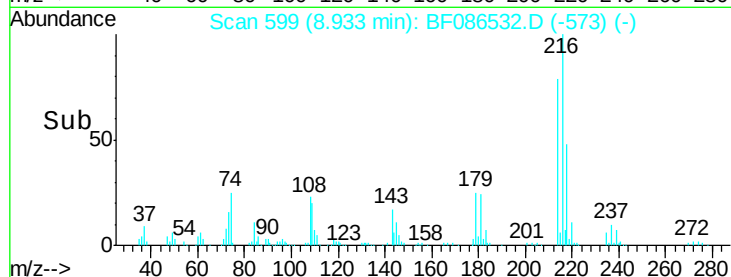
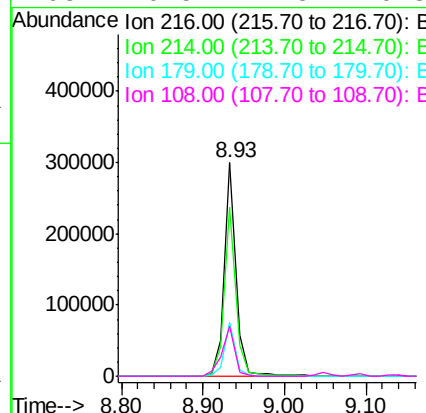
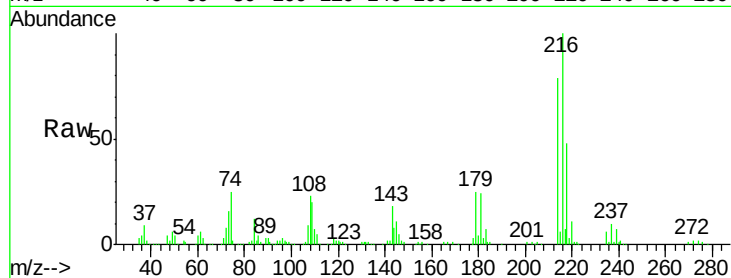
ClientSampleId :

PB90035BS

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Tgt Ion	Ratio	Resp	Lower	Upper
216	100	297566		
214	79.1	62.6	93.8	
179	23.8	18.2	27.4	
108	26.5	17.5	26.3	



#40

Hexachlorocyclopentadiene

Concen: 75.94 ng

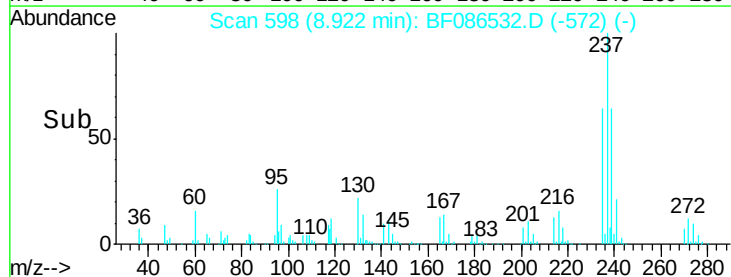
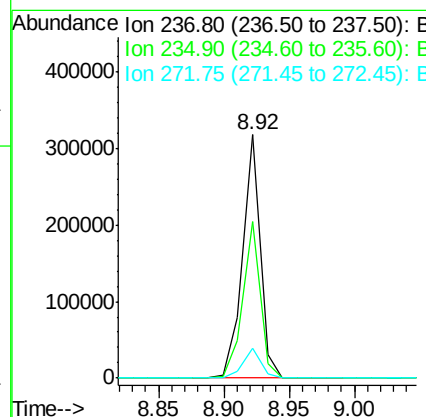
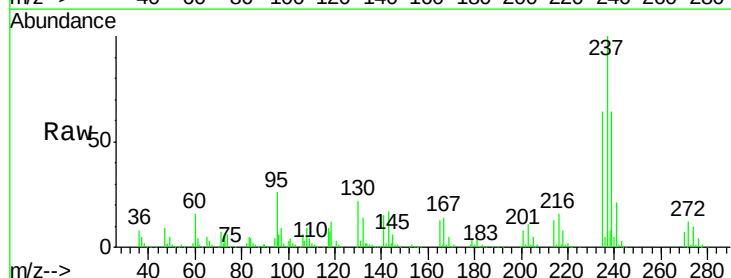
RT: 8.92 min Scan# 598

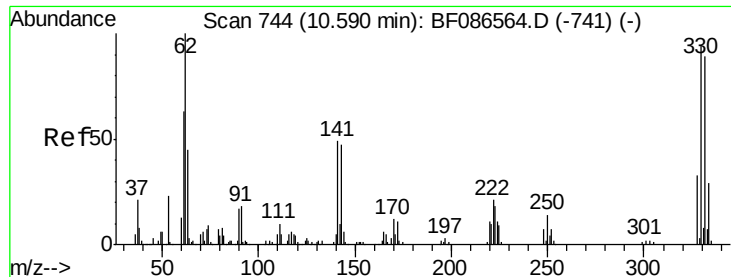
Delta R.T. 0.00 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	297781		
235	64.3	47.2	87.2	
272	12.3	0.0	31.1	





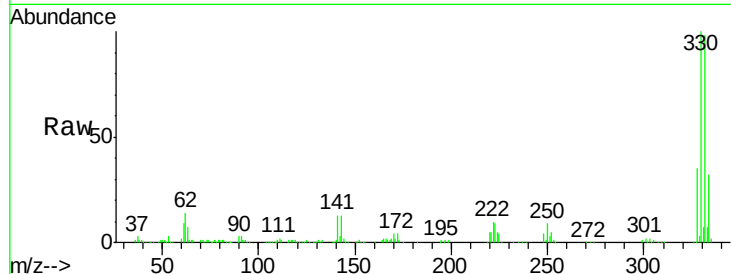
#41
 2,4,6-Tribromophenol
 Concen: 126.10 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF086532.D
 Acq: 30 Apr 2016 19:14

Instrument :
 BNA_F
 ClientSampleId :
 PB90035BS

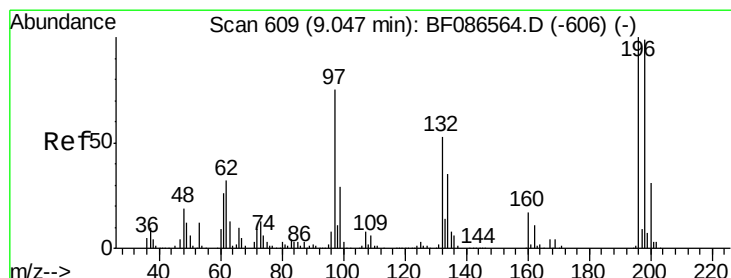
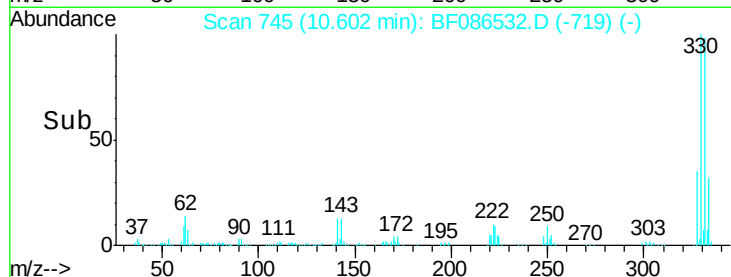
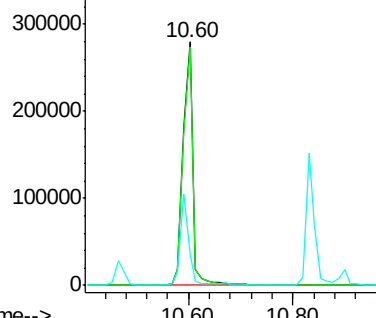
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	366567		
332	97.6	79.0	118.4	
141	31.0	31.2	46.8	

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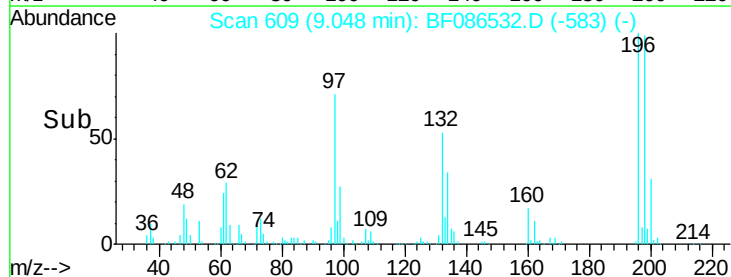
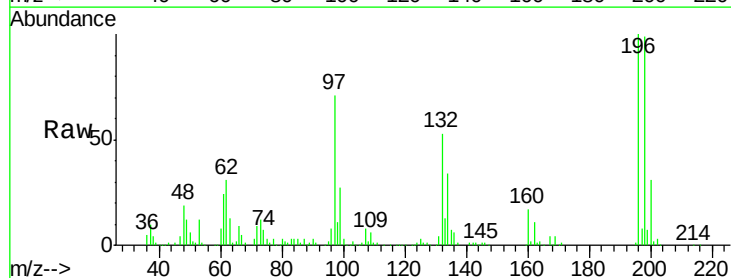
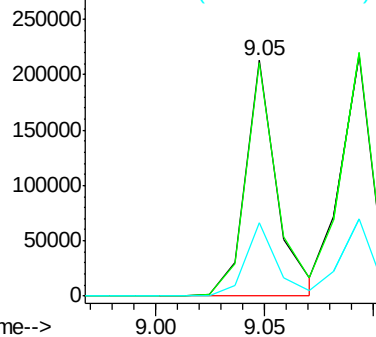
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

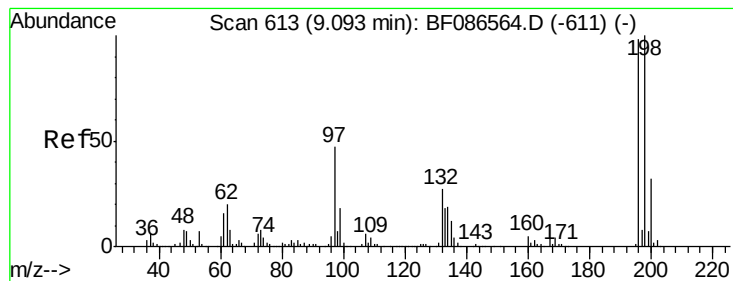


#42
 2,4,6-Trichlorophenol
 Concen: 43.03 ng
 RT: 9.05 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF086532.D
 Acq: 30 Apr 2016 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	214607		
198	99.1	74.7	112.1	
200	31.0	23.8	35.6	

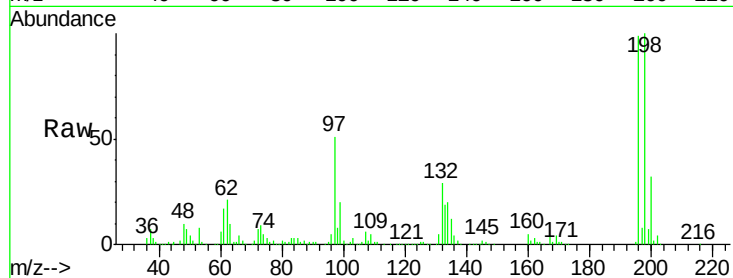
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 42.68 ng
 RT: 9.09 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF086532.D
 Acq: 30 Apr 2016 19:14

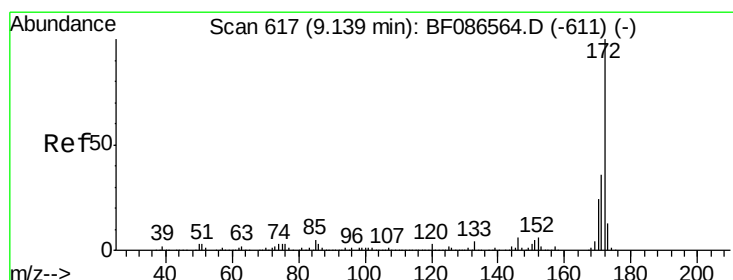
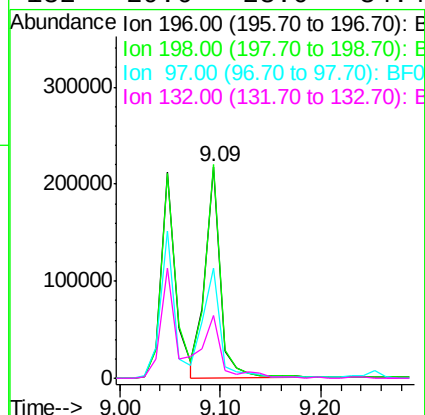
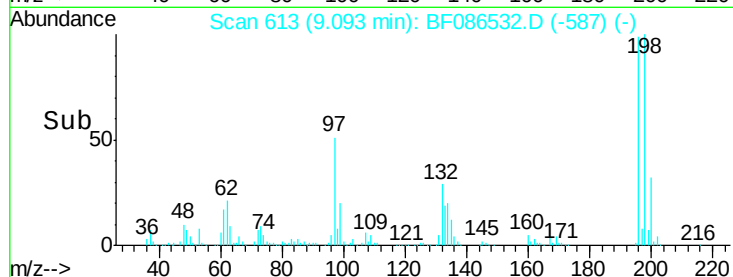
Instrument :
 BNA_F
 ClientSampleId :
 PB90035BS



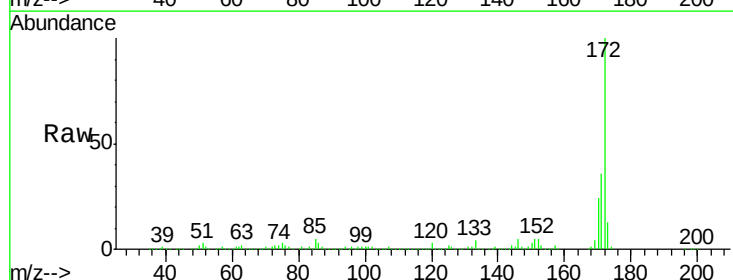
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	231996		
198	101.0	77.5	116.3	
97	51.8	34.8	52.2	
132	29.6	23.0	34.4	

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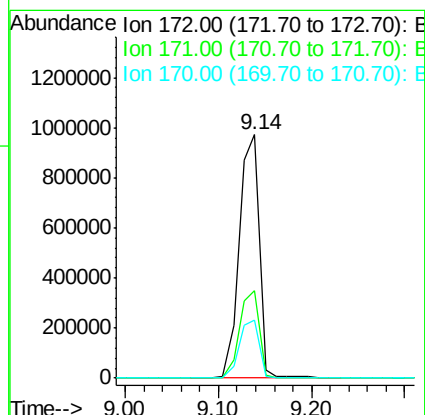
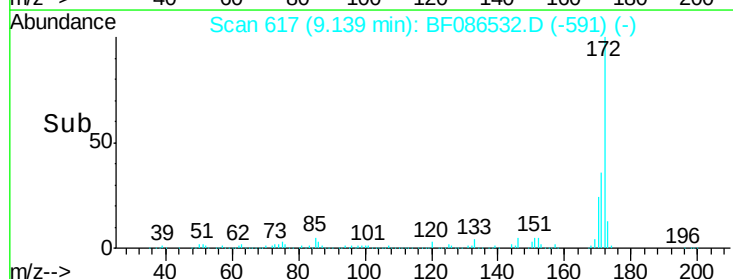
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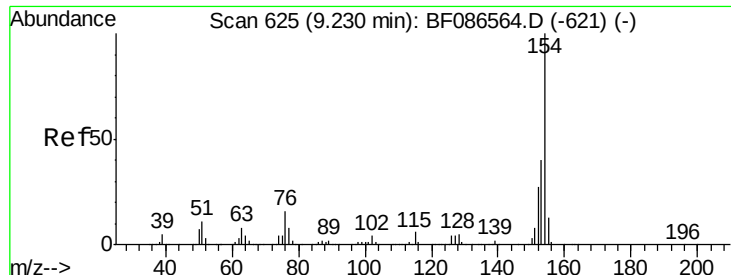


#44
 2-Fluorobiphenyl
 Concen: 95.00 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF086532.D
 Acq: 30 Apr 2016 19:14



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1459848		
171	35.8	29.0	43.6	
170	24.1	19.8	29.8	





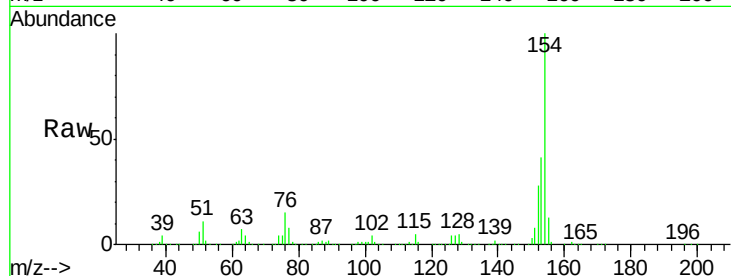
#45
 1,1'-Biphenyl
 Concen: 38.98 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF086532.D
 Acq: 30 Apr 2016 19:14

Instrument :
 BNA_F
 ClientSampleId :
 PB90035BS

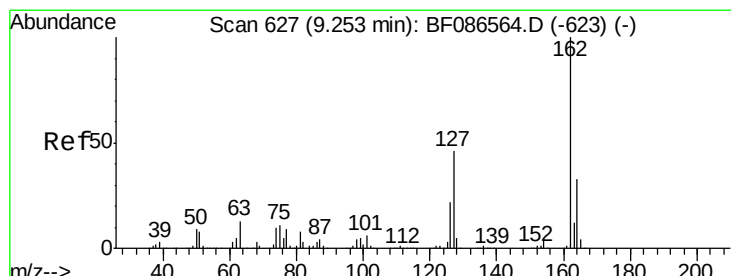
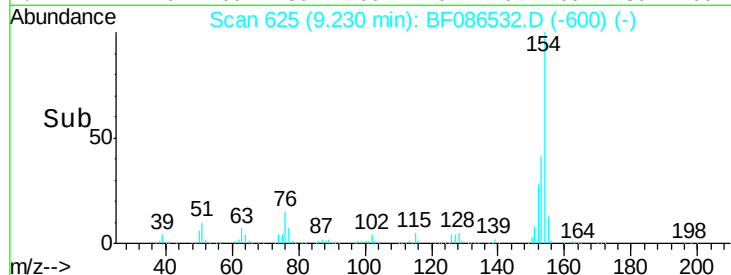
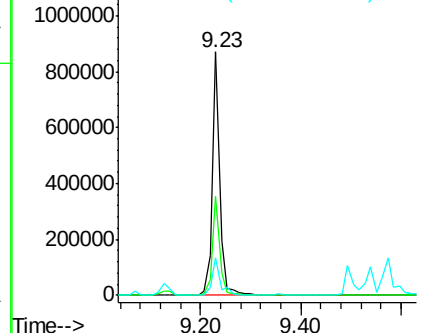
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	898179		
153	40.7	20.3	60.3	
76	15.5	0.0	30.2	

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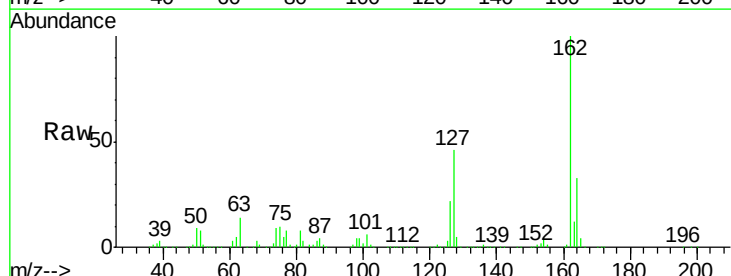


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

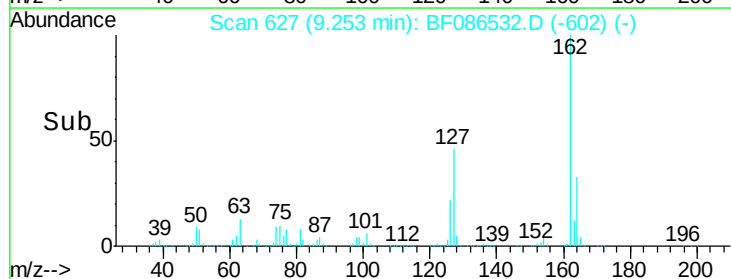
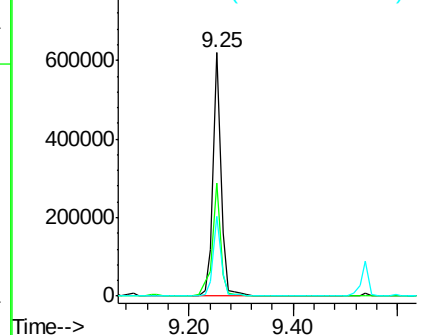


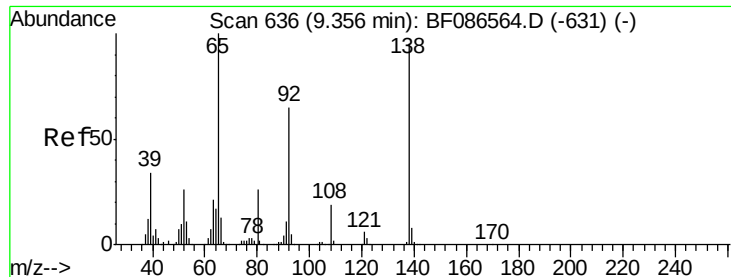
#46
 2-Chloronaphthalene
 Concen: 38.00 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF086532.D
 Acq: 30 Apr 2016 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	665705		
127	46.5	31.8	47.6	
164	32.6	27.0	40.6	



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





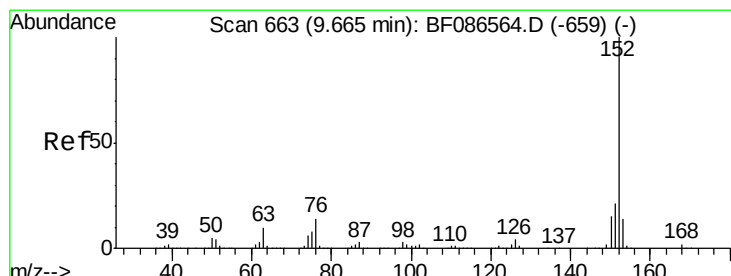
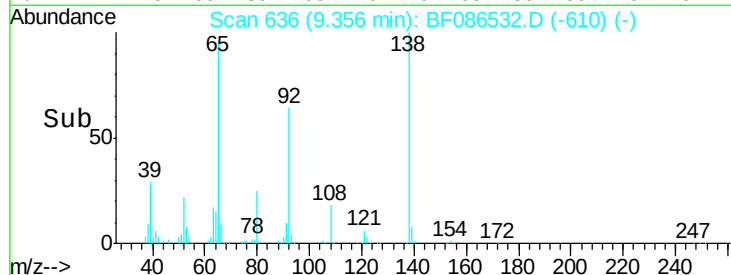
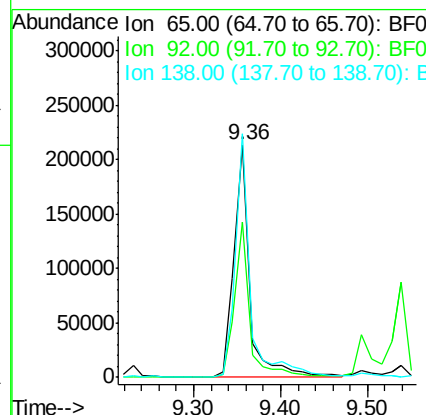
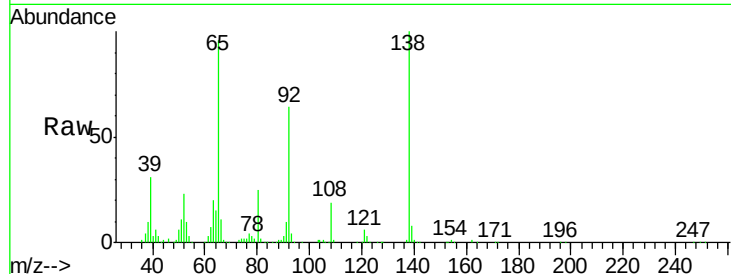
#47
 2-Nitroaniline
 Concen: 48.77 ng
 RT: 9.36 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF086532.D
 Acq: 30 Apr 2016 19:14

Instrument :
 BNA_F
 ClientSampleId :
 PB90035BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.7	57.4	86.2
138	104.6	90.1	135.1

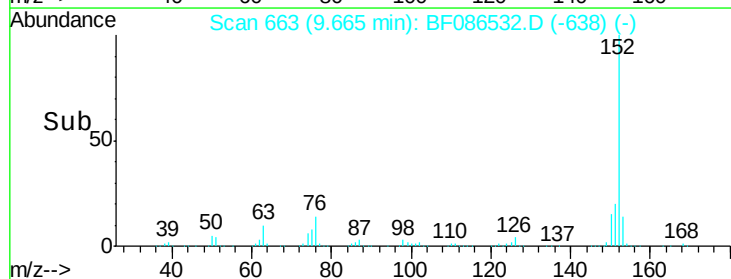
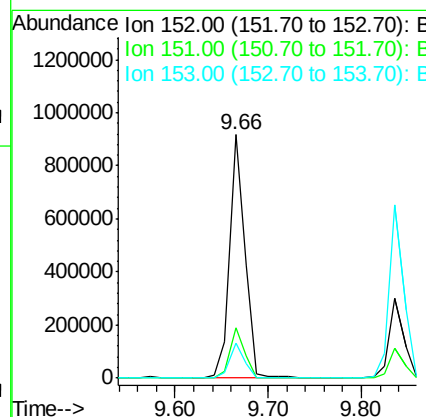
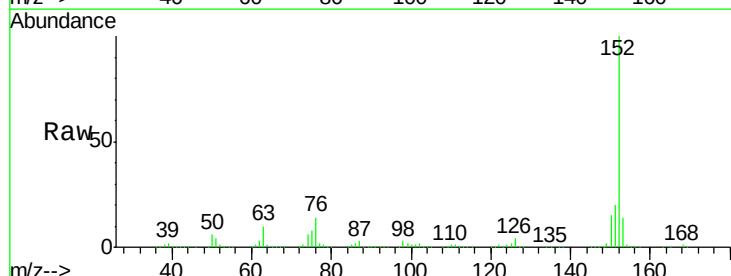
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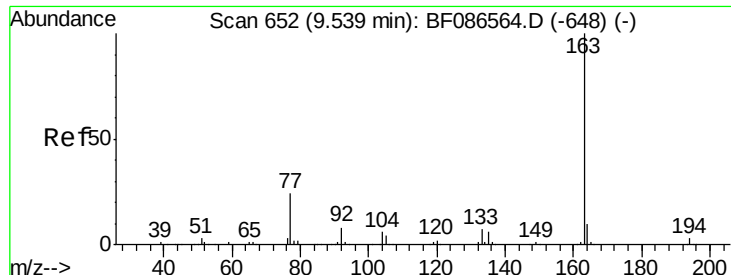
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#48
 Acenaphthylene
 Concen: 38.45 ng
 RT: 9.66 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF086532.D
 Acq: 30 Apr 2016 19:14

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.8	25.2
153	14.2	10.9	16.3





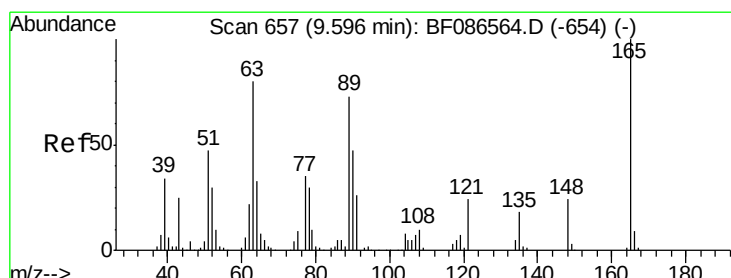
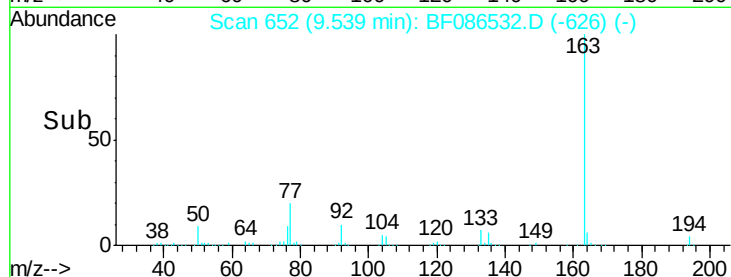
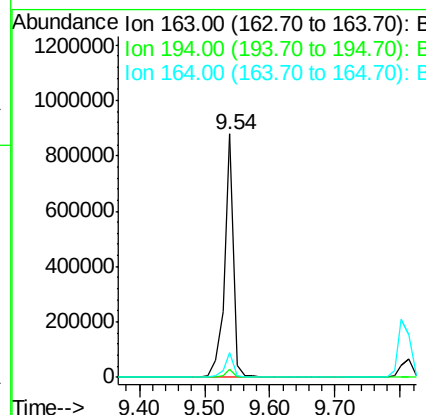
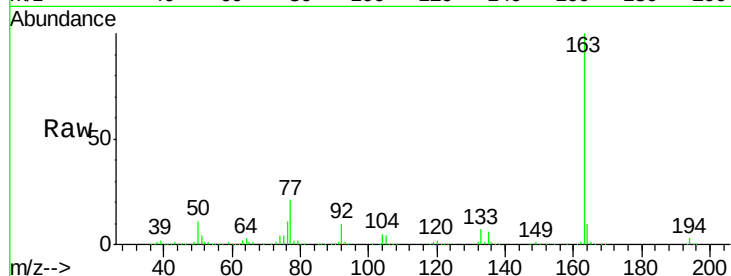
#49
Dimethylphthalate
Concen: 41.52 ng
RT: 9.54 min Scan# 652
Delta R.T. 0.00 min
Lab File: BF086532.D
Acq: 30 Apr 2016 19:14

Instrument :
BNA_F
ClientSampleId :
PB90035BS

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	861732		
194	3.4	2.6	4.0	
164	10.2	8.2	12.4	

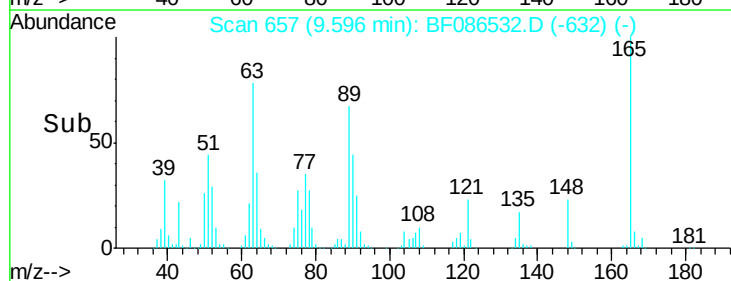
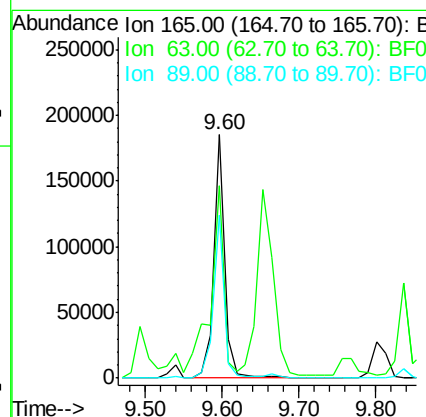
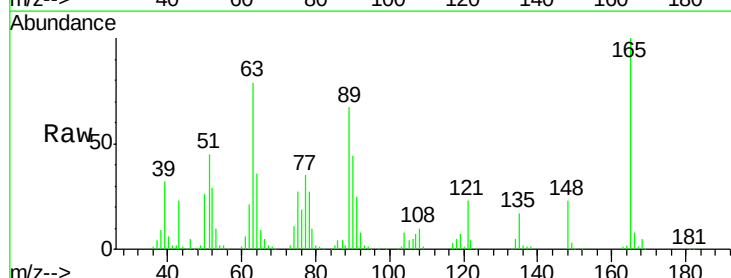
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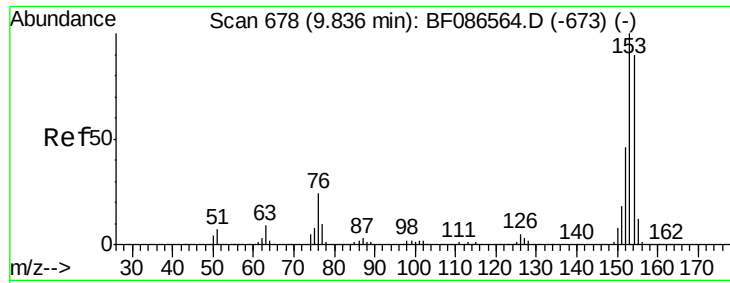
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#50
2,6-Dinitrotoluene
Concen: 42.33 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF086532.D
Acq: 30 Apr 2016 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	181497		
63	78.9	51.8	77.8#	
89	66.9	50.7	76.1	





#51

Acenaphthene

Concen: 42.37 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF086532.D

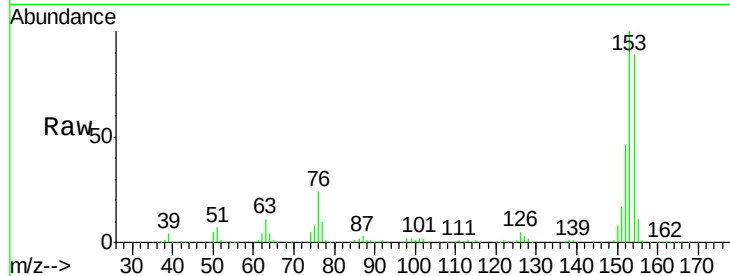
Acq: 30 Apr 2016 19:14

Instrument :

BNA_F

ClientSampleId :

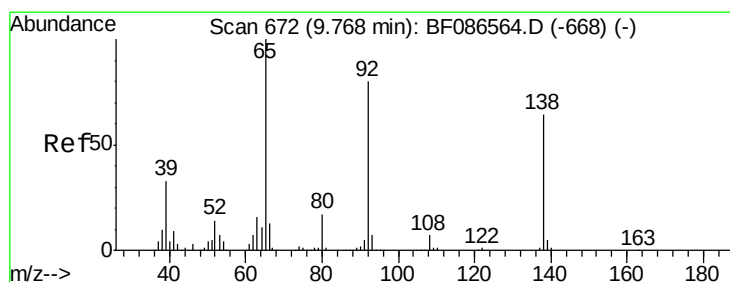
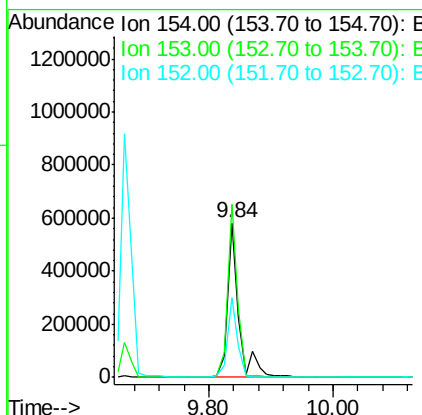
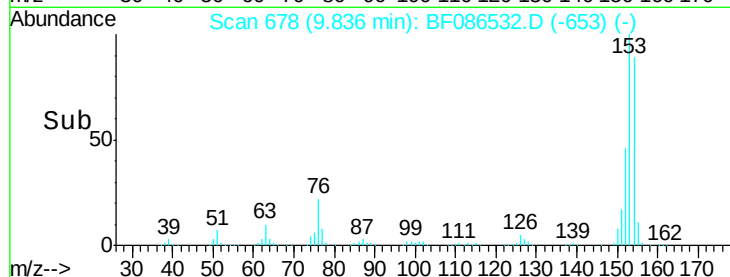
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Tgt Ion:	154	Resp:	745228
Ion Ratio	Lower	Upper	
154	100		
153	112.2	89.8	134.6
152	52.0	43.4	65.0

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#52

3-Nitroaniline

Concen: 24.83 ng

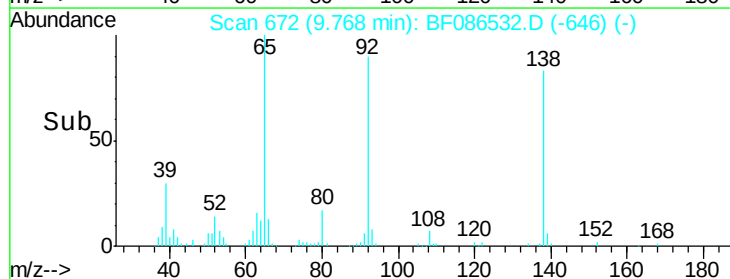
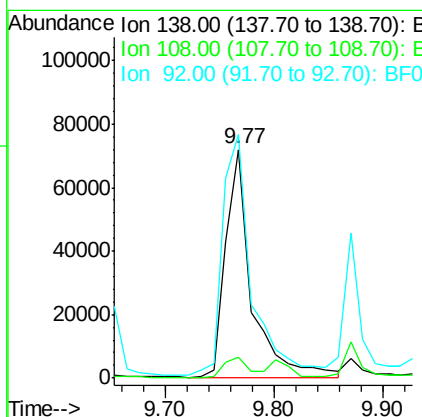
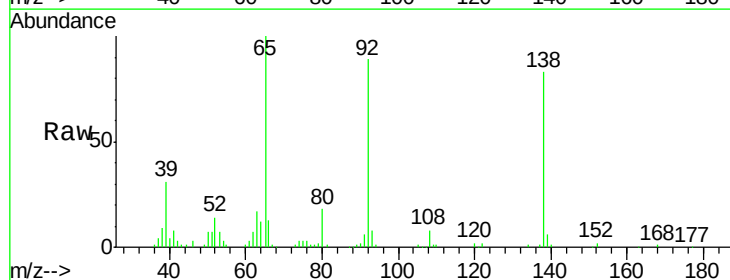
RT: 9.77 min Scan# 672

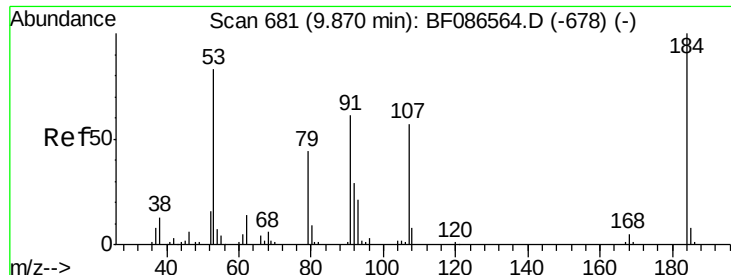
Delta R.T. 0.00 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

Tgt Ion:	138	Resp:	121051
Ion Ratio	Lower	Upper	
138	100		
108	9.2	7.8	11.6
92	106.5	87.8	131.8





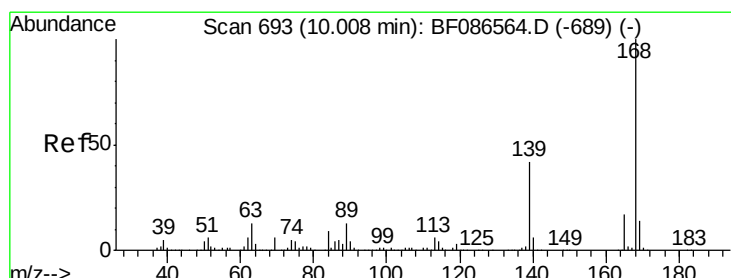
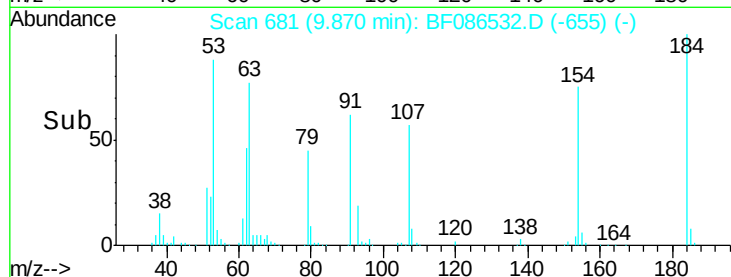
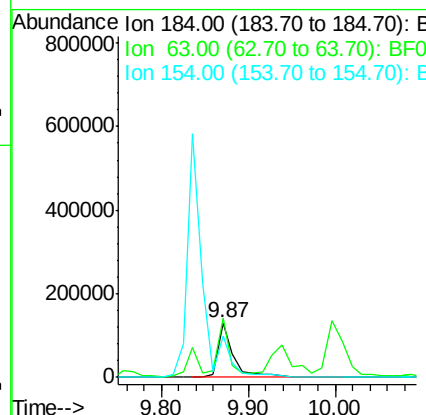
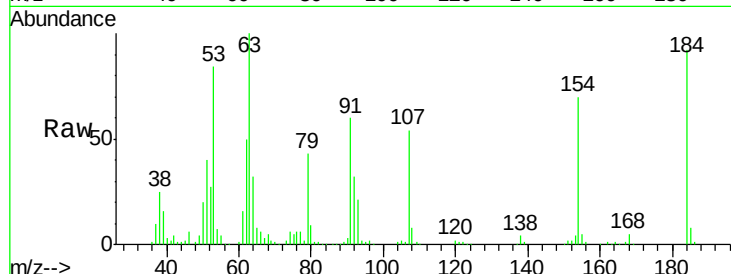
#53
2,4-Dinitrophenol
Concen: 72.43 ng
RT: 9.87 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF086532.D
Acq: 30 Apr 2016 19:14

Instrument :
BNA_F
ClientSampleId :
PB90035BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	167873		
63	108.4	55.8	83.8#	
154	75.4	62.4	93.6	

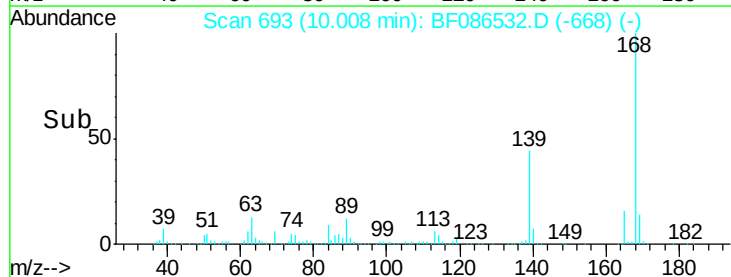
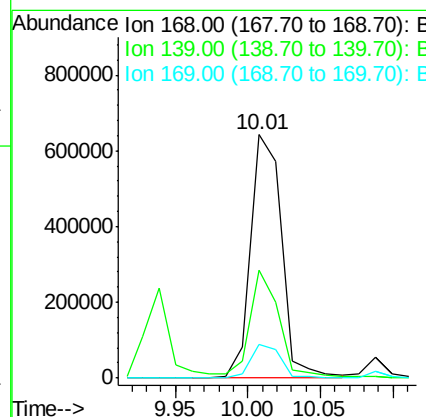
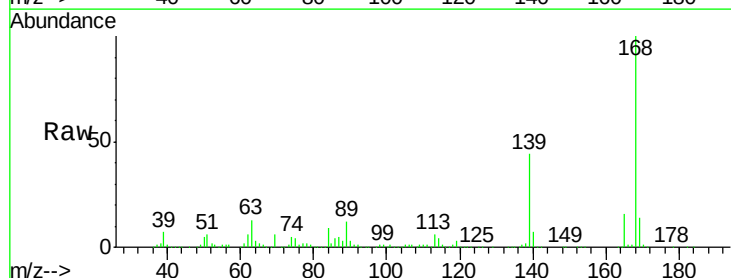
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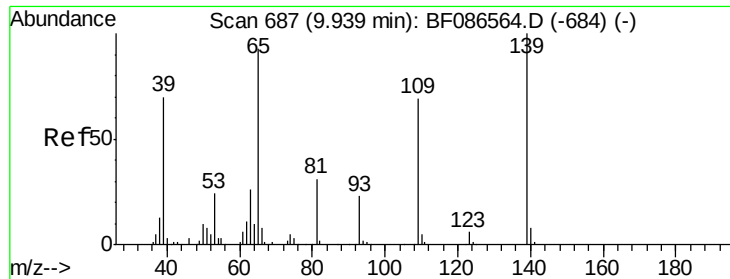
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#54
Dibenzofuran
Concen: 43.20 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF086532.D
Acq: 30 Apr 2016 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	949745		
139	44.2	31.4	47.0	
169	14.0	10.7	16.1	





#55

4-Nitrophenol

Concen: 92.55 ng

RT: 9.94 min Scan# 687

Delta R.T. 0.00 min

Lab File: BF086532.D

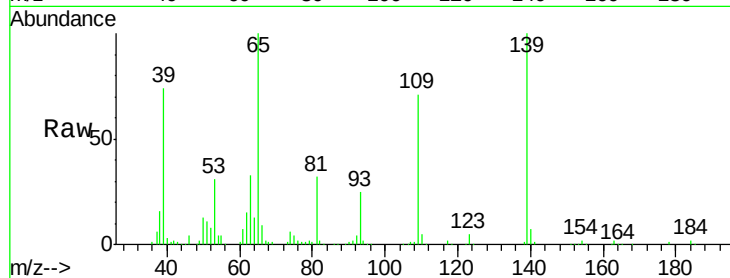
Acq: 30 Apr 2016 19:14

Instrument :

BNA_F

ClientSampleId :

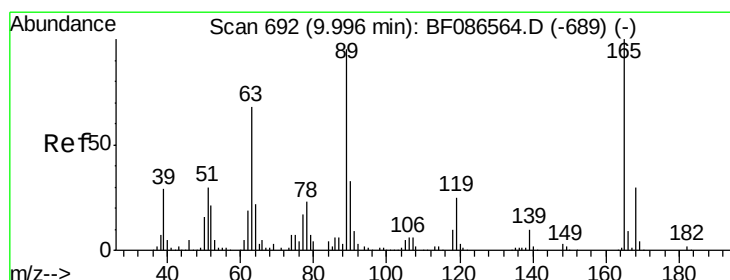
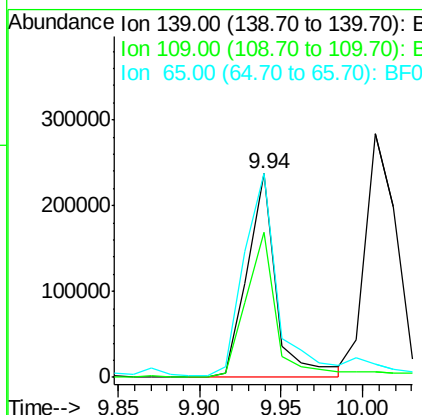
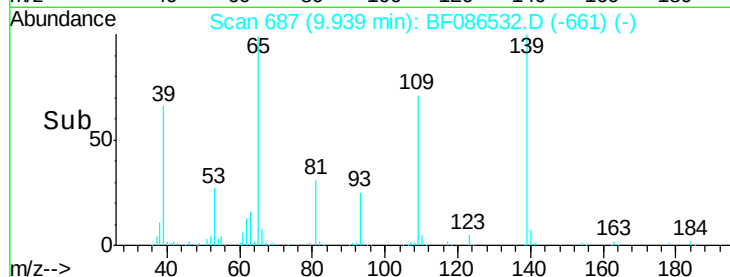
PB90035BS



Tgt Ion:	139	Resp:	295467
Ion Ratio	Lower	Upper	
139	100		
109	71.2	36.9	76.9
65	99.9	64.0	104.0

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#56

2,4-Dinitrotoluene

Concen: 42.29 ng

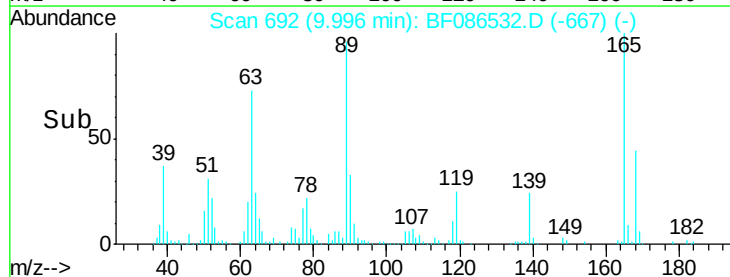
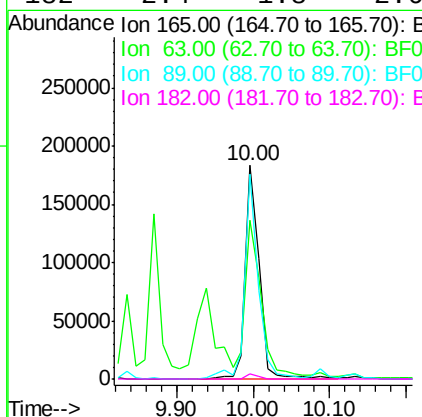
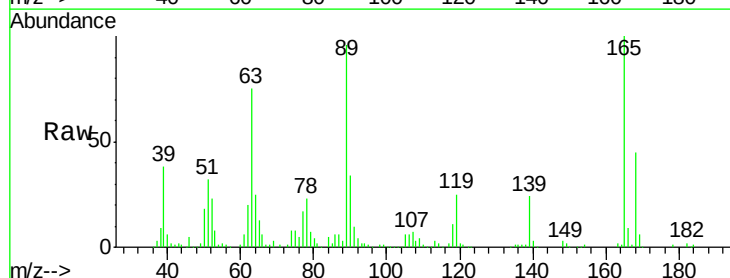
RT: 10.00 min Scan# 692

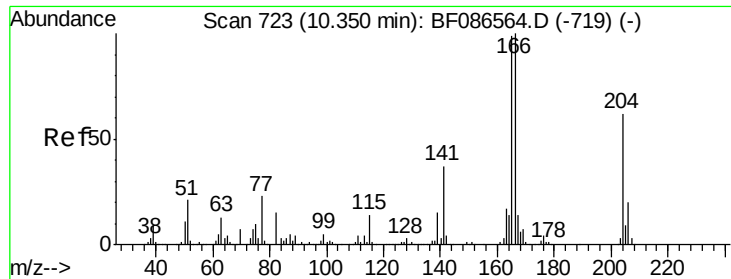
Delta R.T. -0.01 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

Tgt Ion:	165	Resp:	231127
Ion Ratio	Lower	Upper	
165	100		
63	74.6	44.3	66.5#
89	96.1	70.0	105.0
182	2.4	1.8	2.6





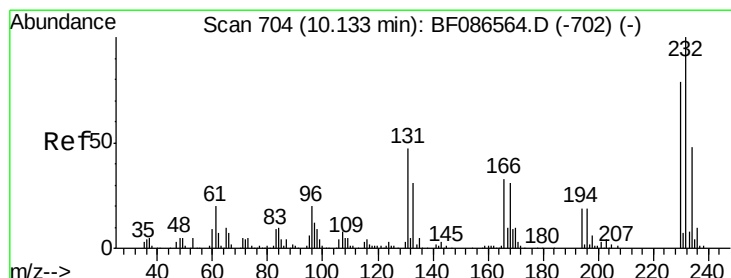
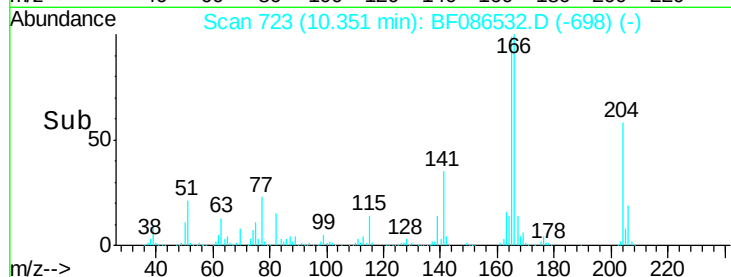
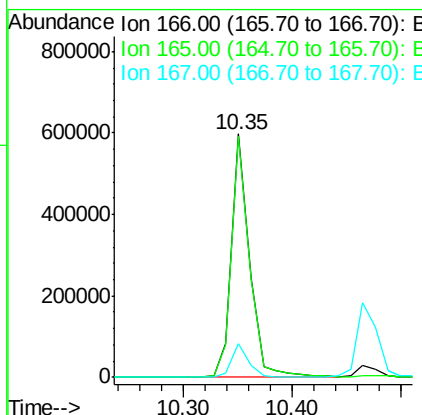
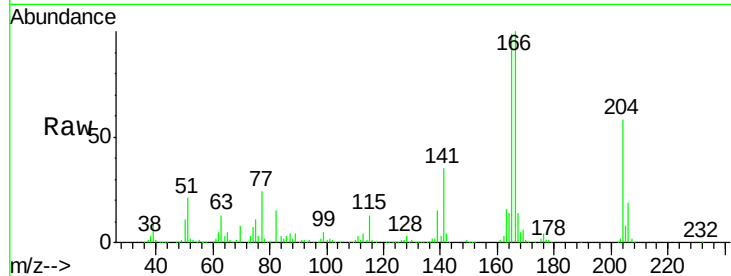
#57
 Fluorene
 Concen: 35.78 ng
 RT: 10.35 min Scan# 723
 Delta R.T. -0.01 min
 Lab File: BF086532.D
 Acq: 30 Apr 2016 19:14

Instrument :
 BNA_F
 ClientSampleId :
 PB90035BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	683032		
165	99.0	79.0	118.6	
167	14.0	10.6	15.8	

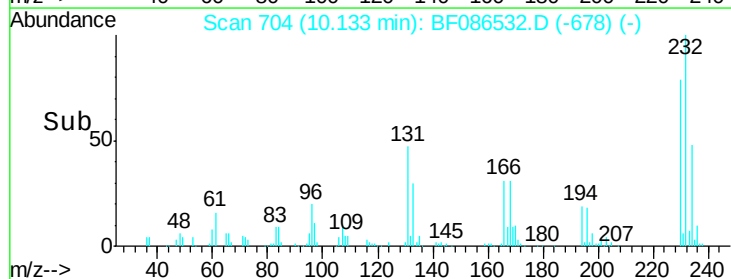
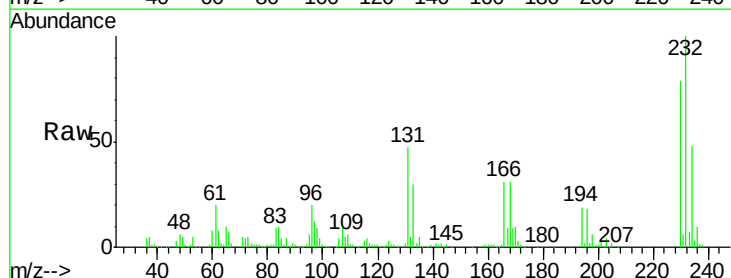
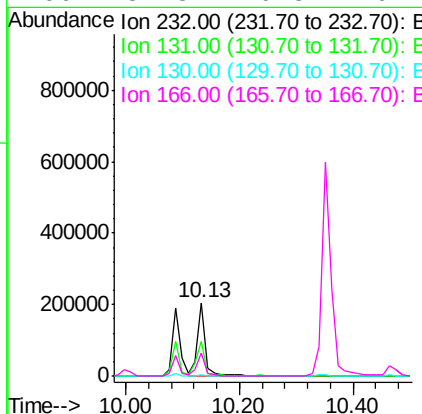
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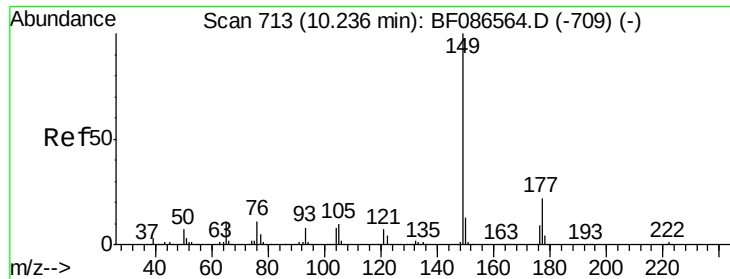
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.79 ng
 RT: 10.13 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: BF086532.D
 Acq: 30 Apr 2016 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	203125		
131	50.9	41.9	62.9	
130	2.4	2.2	3.4	
166	31.3	26.8	40.2	





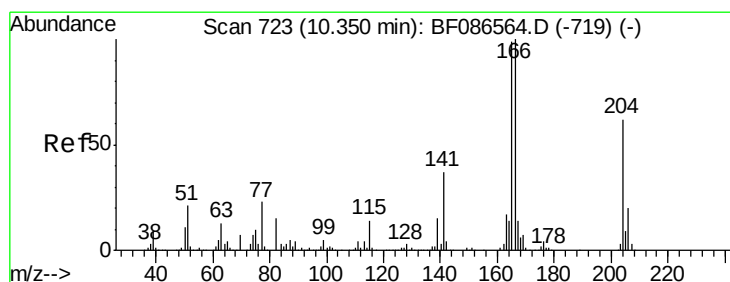
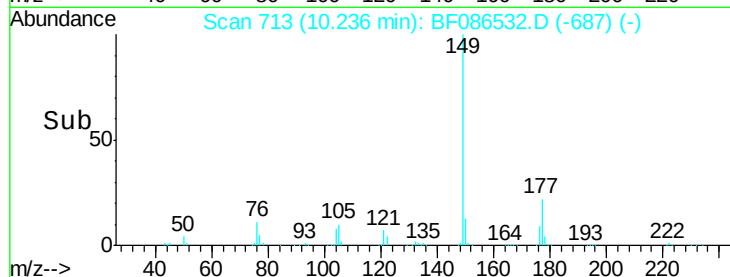
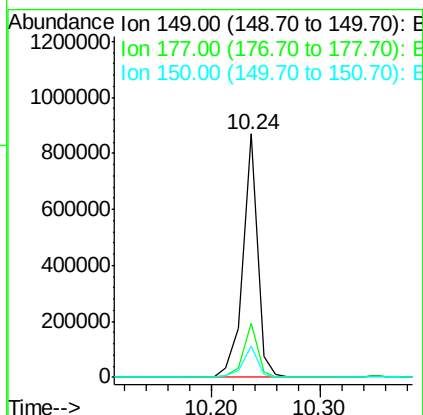
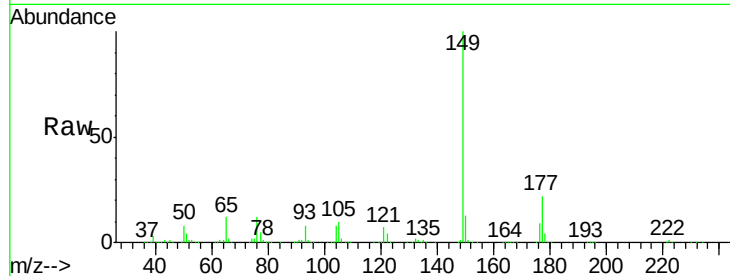
#59
Diethylphthalate
Concen: 40.90 ng
RT: 10.24 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF086532.D
Acq: 30 Apr 2016 19:14

Instrument :
BNA_F
ClientSampled :
PB90035BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	803555		
177	22.1	16.6	24.8	
150	12.8	10.0	15.0	

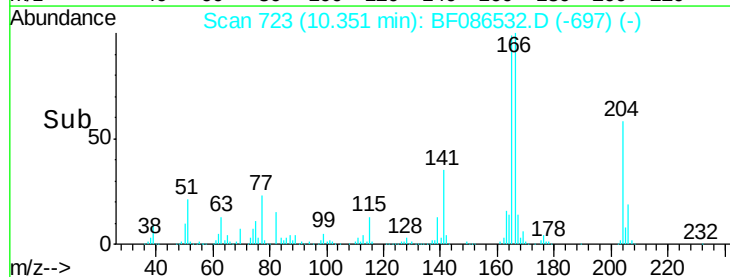
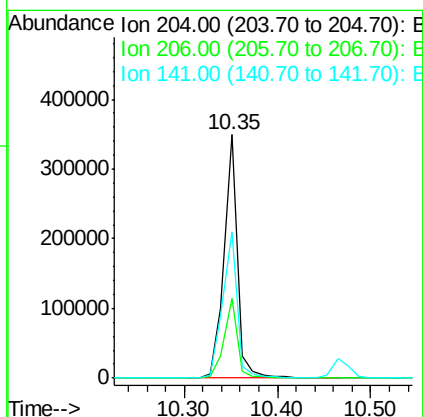
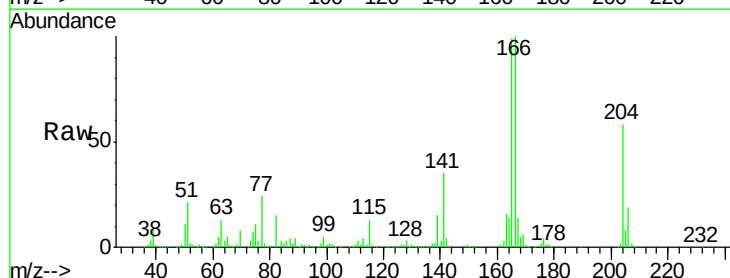
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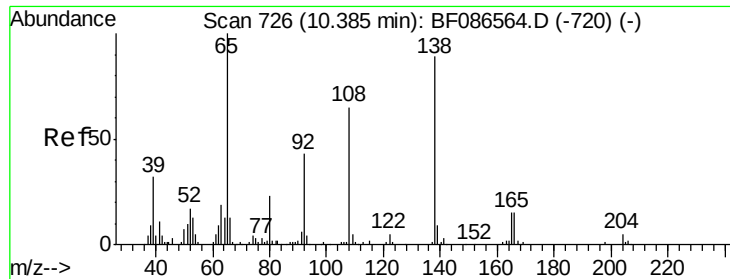
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#60
4-Chlorophenyl-phenylether
Concen: 40.31 ng
RT: 10.35 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF086532.D
Acq: 30 Apr 2016 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	349315		
206	32.7	25.4	38.0	
141	60.0	61.6	92.4#	





#61

4-Nitroaniline

Concen: 43.81 ng

RT: 10.38 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF086532.D

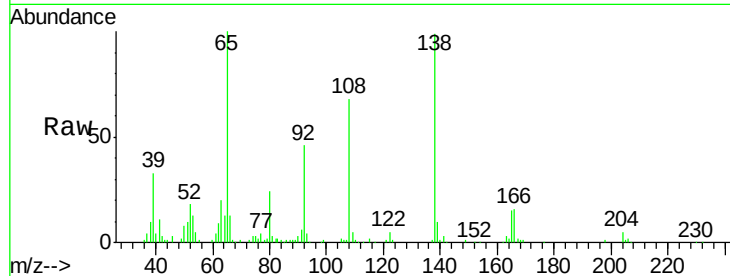
Acq: 30 Apr 2016 19:14

Instrument :

BNA_F

ClientSampled :

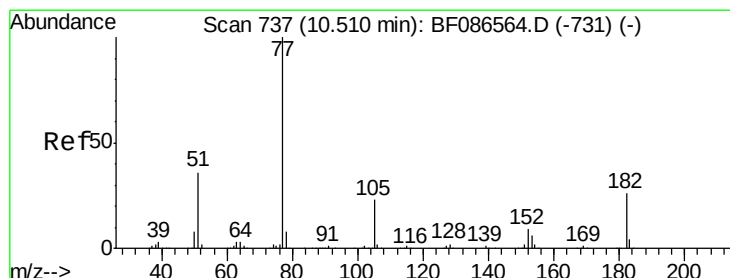
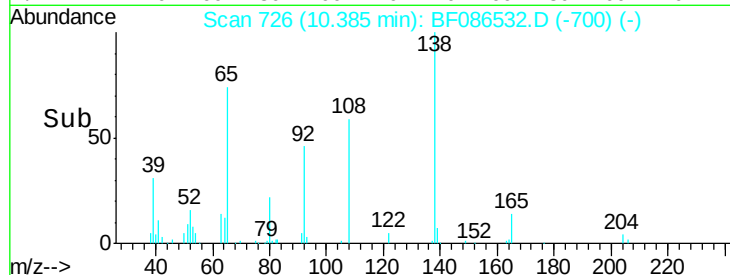
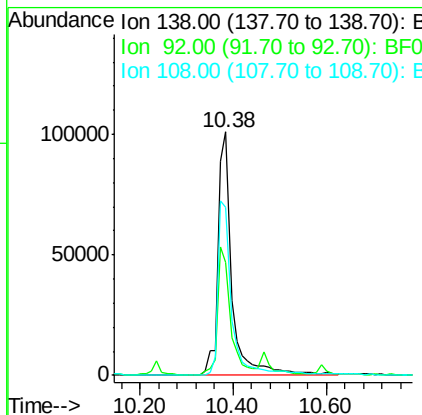
PB90035BS



Tgt Ion:	138	Resp:	208809
Ion Ratio	Lower	Upper	
138	100		
92	46.3	24.7	64.7
108	69.2	37.4	77.4

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#62

Azobenzene

Concen: 45.19 ng

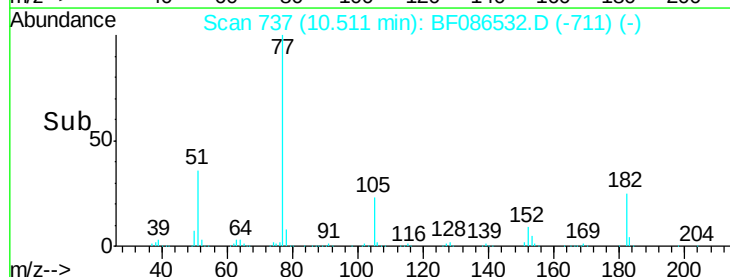
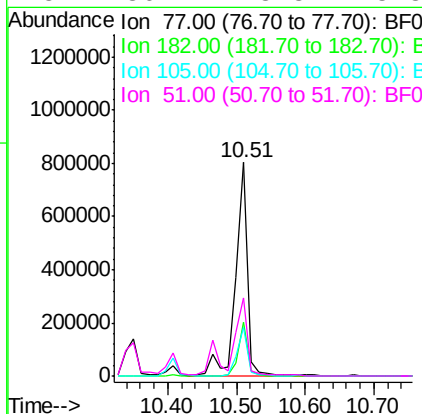
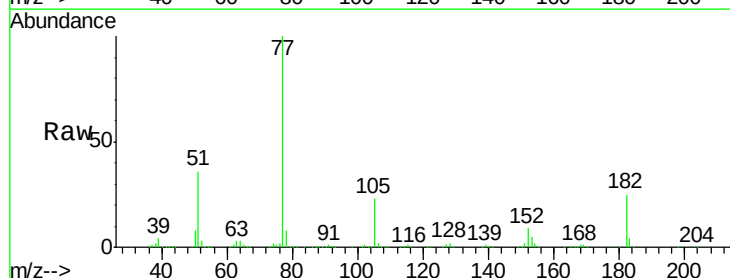
RT: 10.51 min Scan# 737

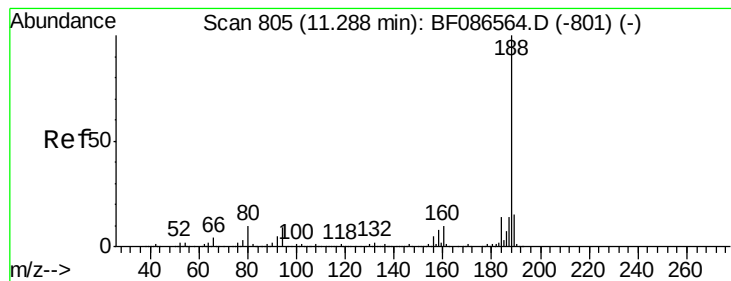
Delta R.T. 0.00 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

Tgt Ion:	77	Resp:	972311
Ion Ratio	Lower	Upper	
77	100		
182	25.1	0.0	38.8
105	22.9	3.2	43.2
51	36.4	8.8	48.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

Instrument :

BNA_F

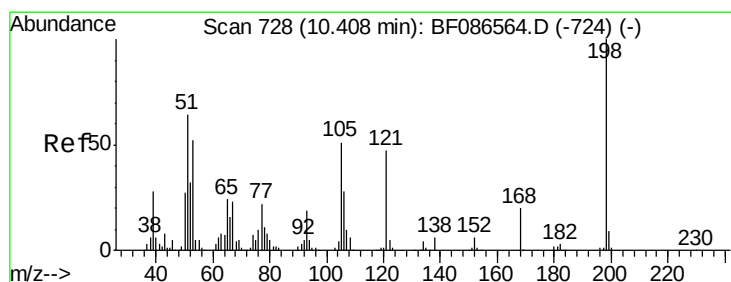
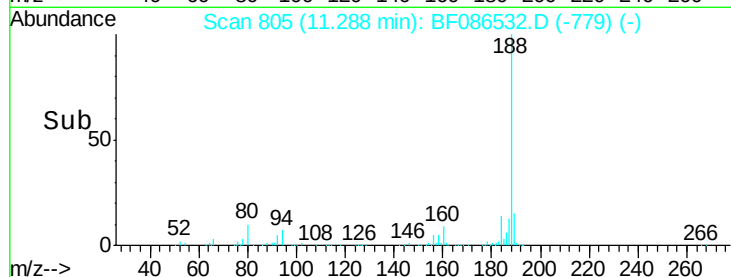
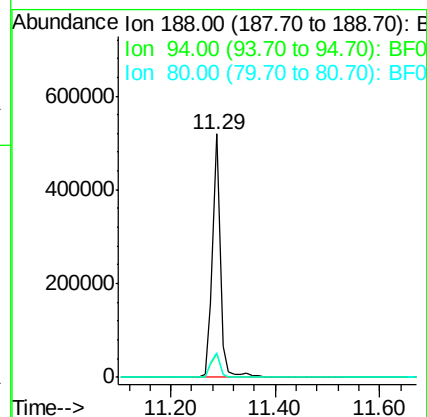
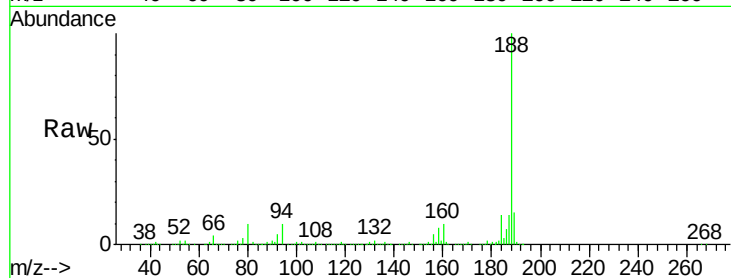
ClientSampleId :

PB90035BS

Tgt Ion:	188	Resp:	548091
Ion Ratio	Lower	Upper	
188	100		
94	9.6	6.8	10.2
80	10.3	7.1	10.7

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#64

4,6-Dinitro-2-methylphenol

Concen: 40.47 ng

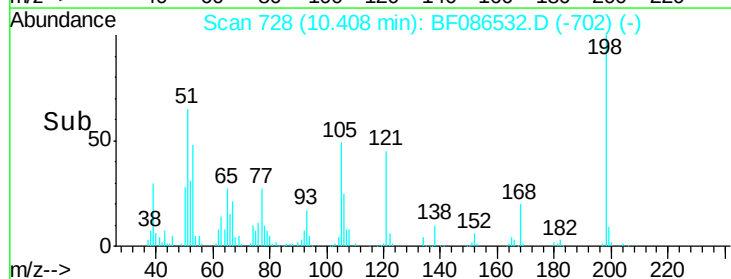
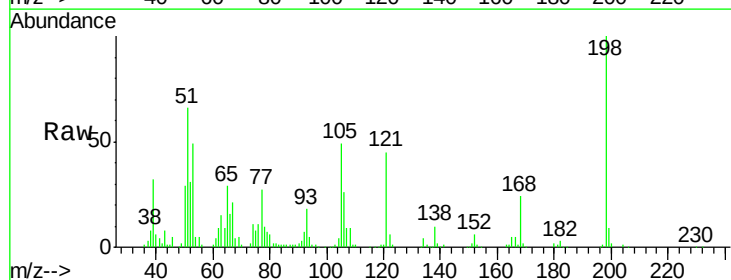
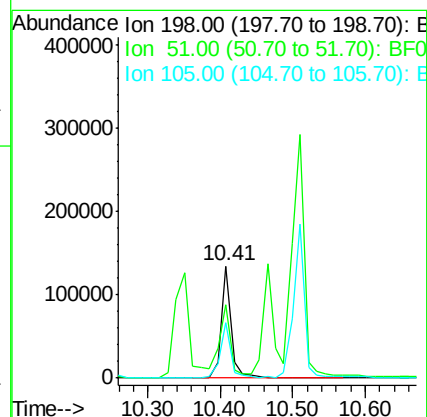
RT: 10.41 min Scan# 728

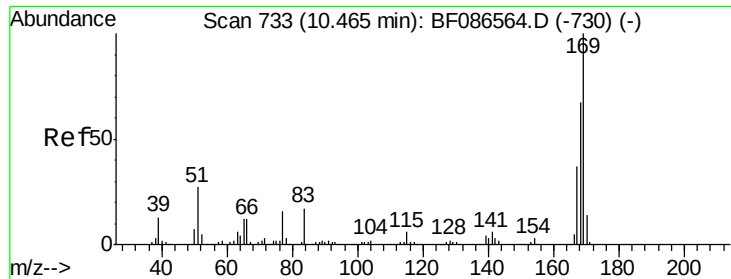
Delta R.T. 0.00 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

Tgt Ion:	198	Resp:	130227
Ion Ratio	Lower	Upper	
198	100		
51	65.5	20.5	60.5#
105	49.4	24.5	64.5





#65

n-Nitrosodiphenylamine

Concen: 38.23 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF086532.D

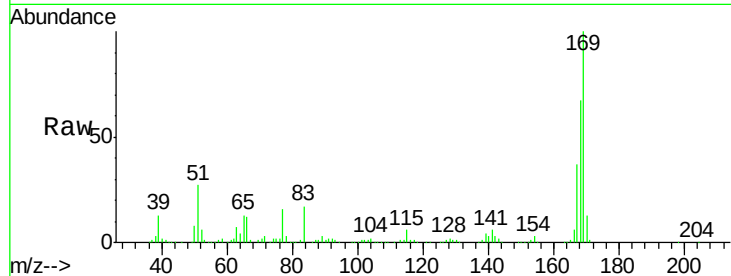
Acq: 30 Apr 2016 19:14

Instrument :

BNA_F

ClientSampleId :

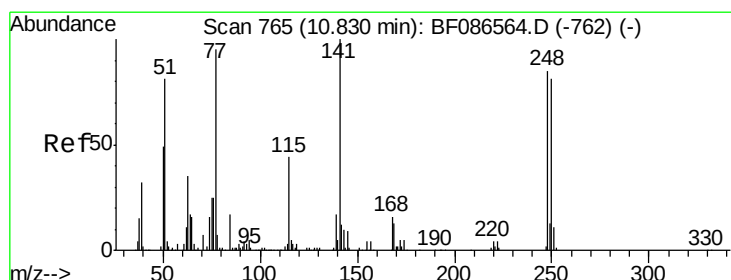
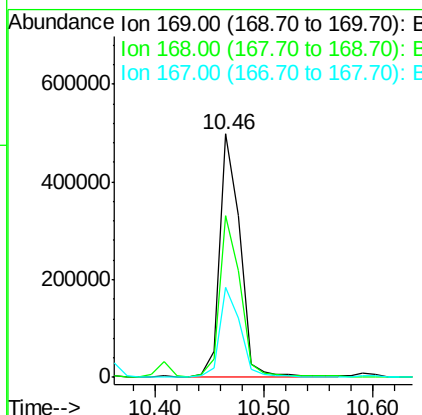
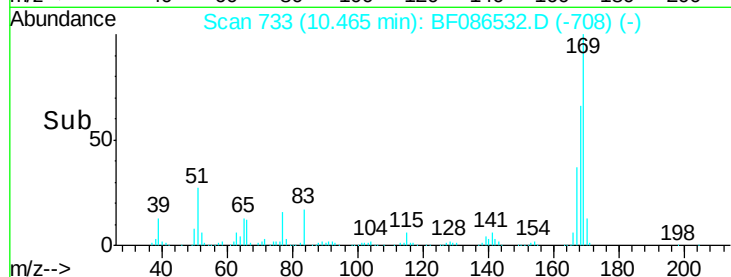
PB90035BS



Tgt Ion:	169	Resp:	654862
Ion Ratio	Lower	Upper	
169	100		
168	66.6	53.8	80.6
167	36.8	29.5	44.3

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#66

4-Bromophenyl-phenylether

Concen: 38.17 ng

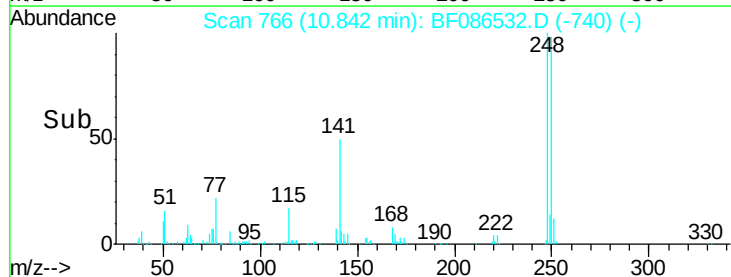
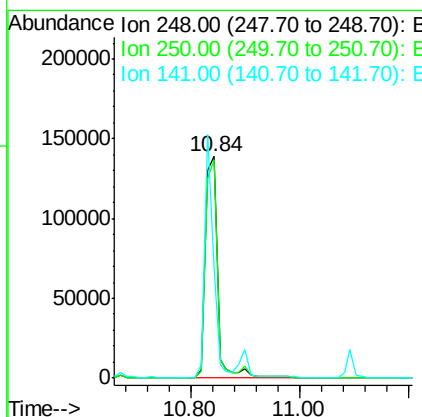
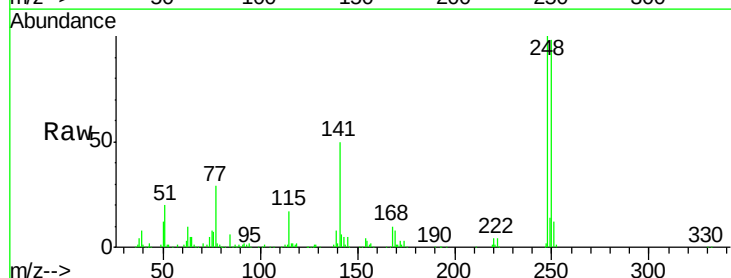
RT: 10.84 min Scan# 766

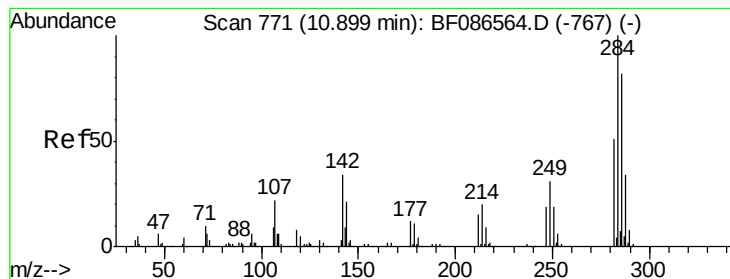
Delta R.T. 0.00 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

Tgt Ion:	248	Resp:	215588
Ion Ratio	Lower	Upper	
248	100		
250	98.3	78.6	117.8
141	49.8	76.0	114.0#





#67

Hexachlorobenzene

Concen: 36.94 ng

RT: 10.90 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF086532.D

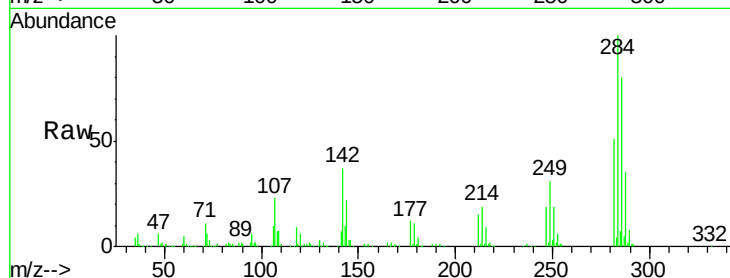
Acq: 30 Apr 2016 19:14

Instrument :

BNA_F

ClientSampleId :

PB90035BS



Tgt Ion: 284 Resp: 241498

Ion Ratio Lower Upper

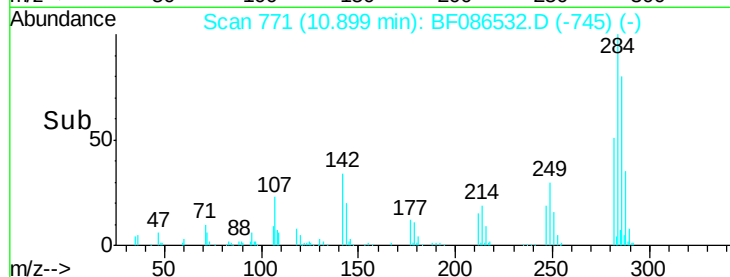
284 100

142 37.1 16.7 25.1#

249 31.1 21.3 31.9

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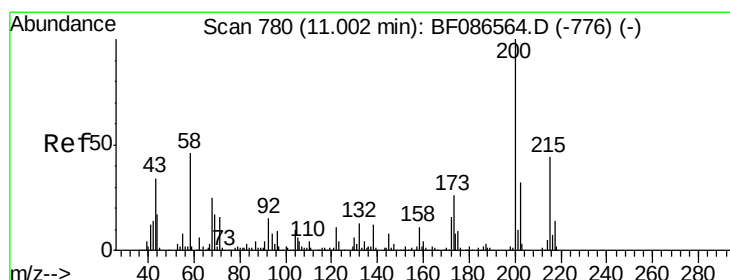
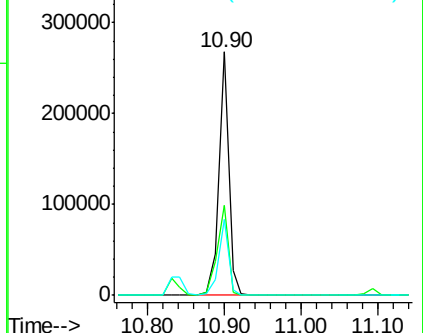
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 46.60 ng

RT: 11.00 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

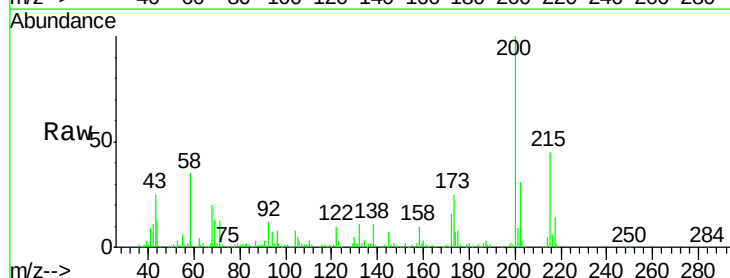
Tgt Ion: 200 Resp: 239693

Ion Ratio Lower Upper

200 100

173 25.2 8.5 48.5

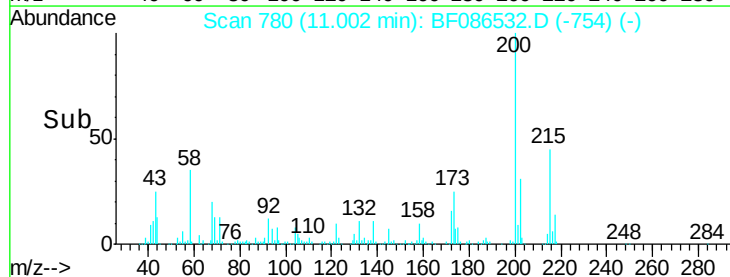
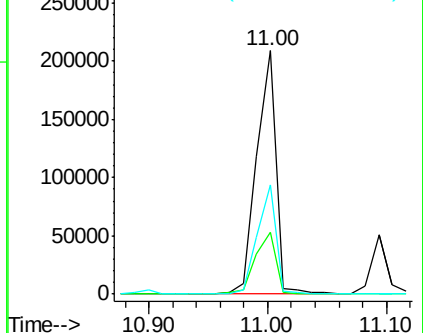
215 44.8 27.2 67.2

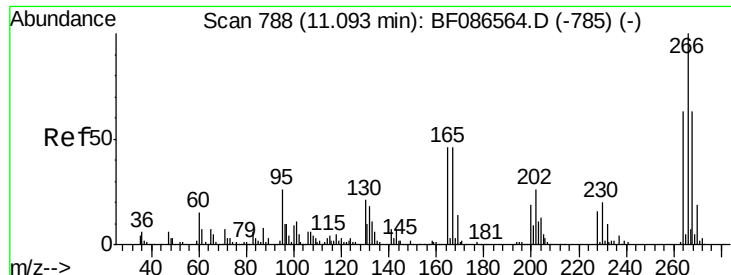


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





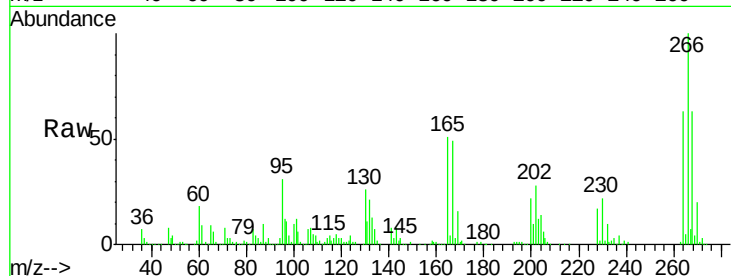
#69
 Pentachlorophenol
 Concen: 72.04 ng
 RT: 11.09 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF086532.D
 Acq: 30 Apr 2016 19:14

Instrument :
 BNA_F
 ClientSampleId :
 PB90035BS

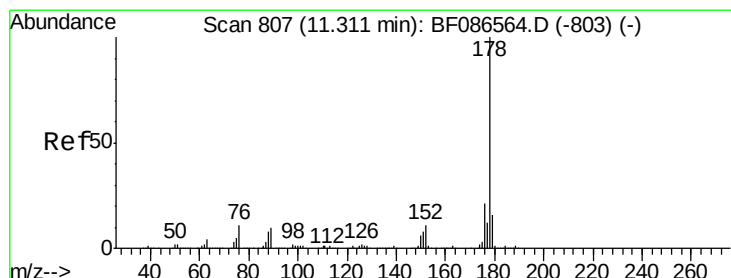
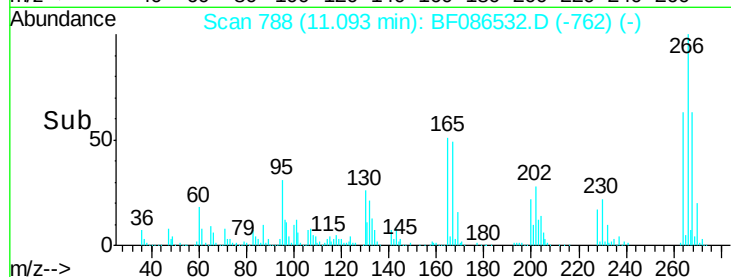
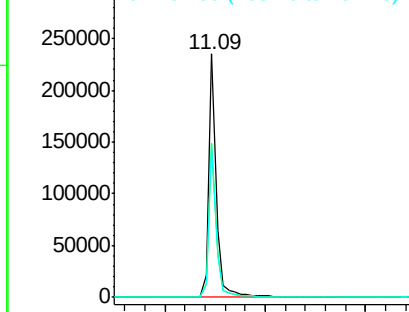
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	248289		
268	63.3	51.5	77.3	
264	63.0	52.9	79.3	

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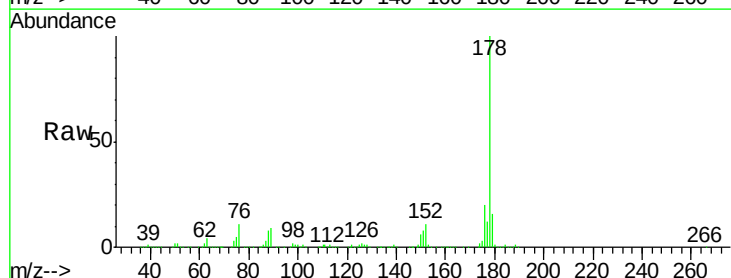


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

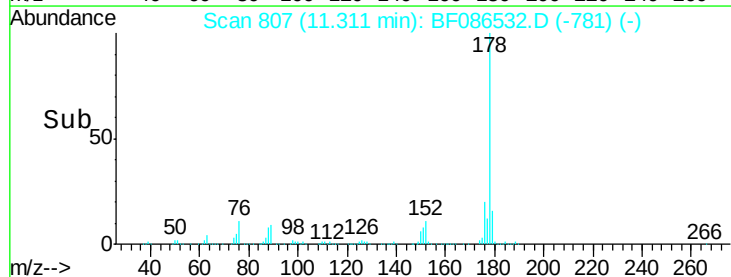
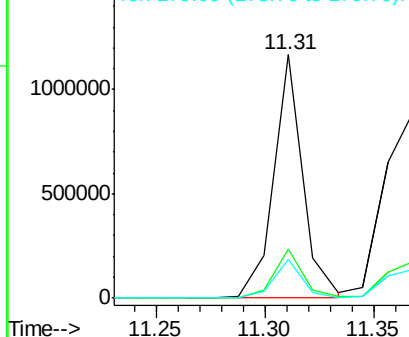


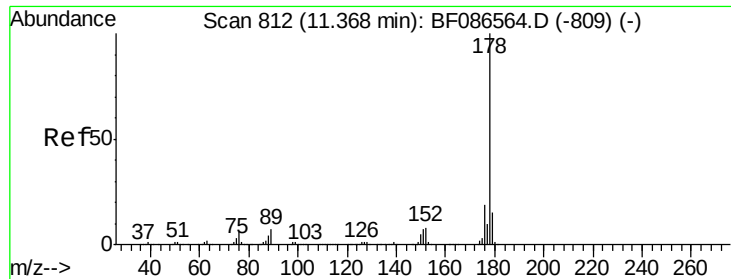
#70
 Phenanthrene
 Concen: 38.36 ng
 RT: 11.31 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF086532.D
 Acq: 30 Apr 2016 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1103201		
176	20.2	16.0	24.0	
179	15.9	12.6	18.8	



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





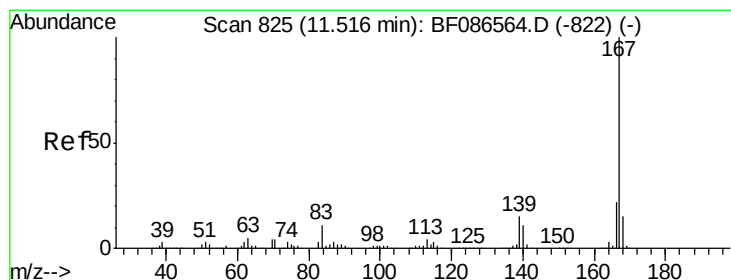
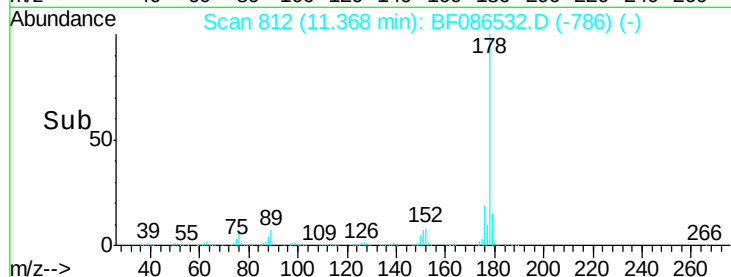
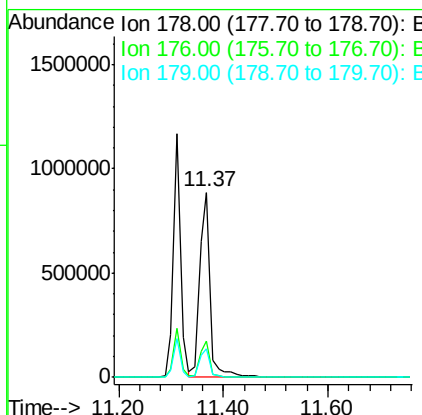
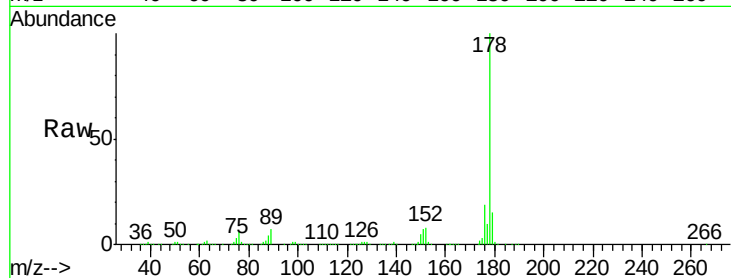
#71
 Anthracene
 Concen: 40.53 ng
 RT: 11.37 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF086532.D
 Acq: 30 Apr 2016 19:14

Instrument :
 BNA_F
 ClientSampleId :
 PB90035BS

Tgt Ion:178 Resp: 1244189
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.6 23.4
 179 15.4 12.7 19.1

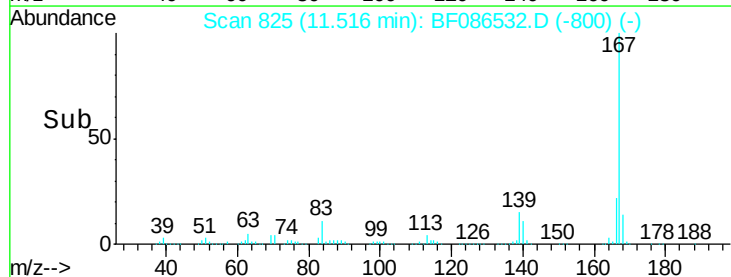
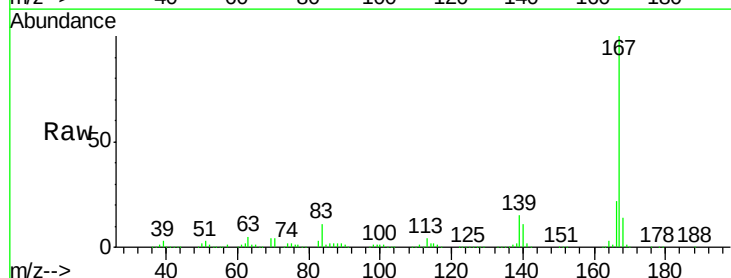
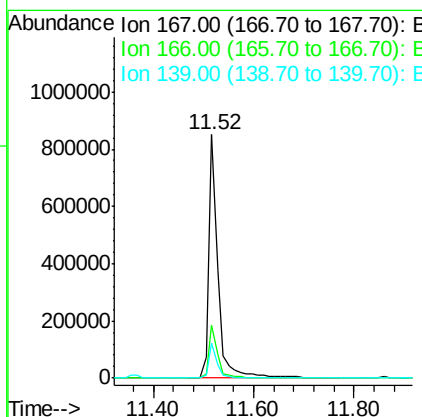
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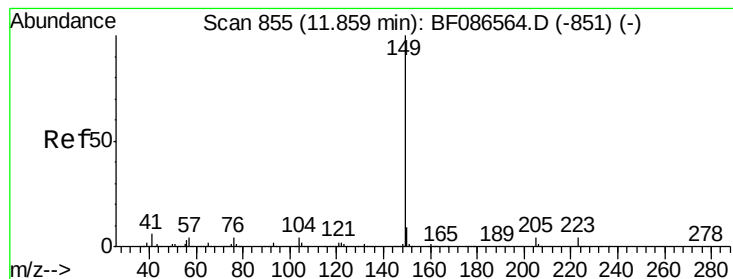
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#72
 Carbazole
 Concen: 39.70 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF086532.D
 Acq: 30 Apr 2016 19:14

Tgt Ion:167 Resp: 1080087
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.7 26.5
 139 14.5 10.8 16.2





#73

Di-n-butylphthalate

Concen: 40.91 ng

RT: 11.86 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

Instrument :

BNA_F

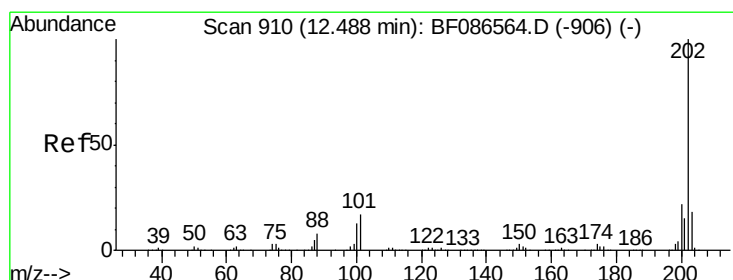
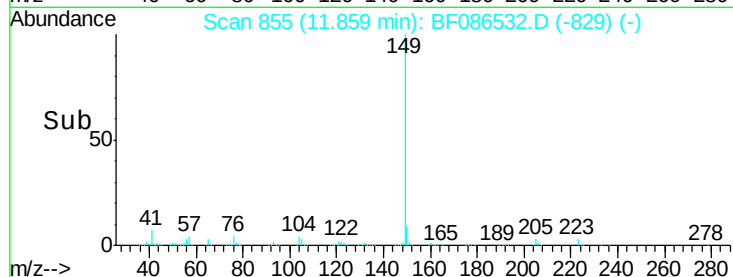
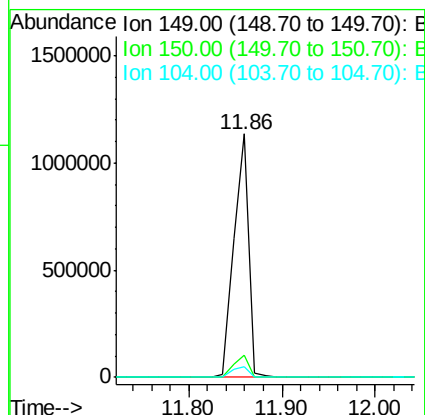
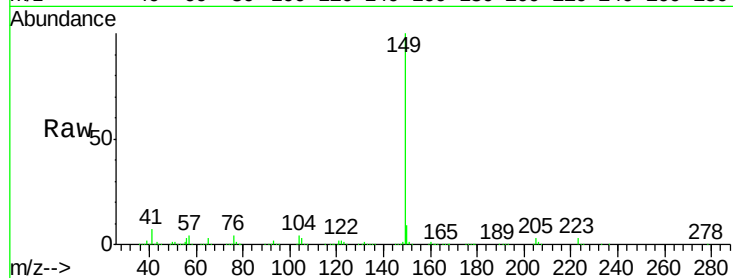
ClientSampleId :

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Tgt Ion:	149	Resp:	1260836
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.6	11.4
104	4.5	3.8	5.6



#74

Fluoranthene

Concen: 41.13 ng

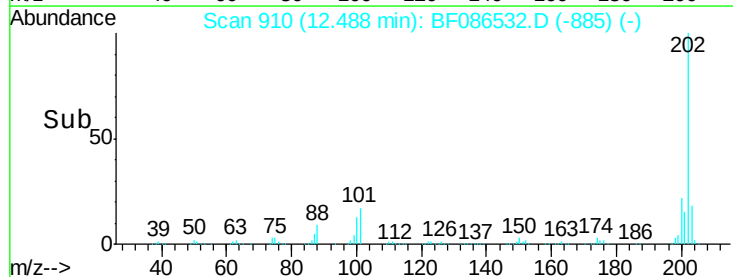
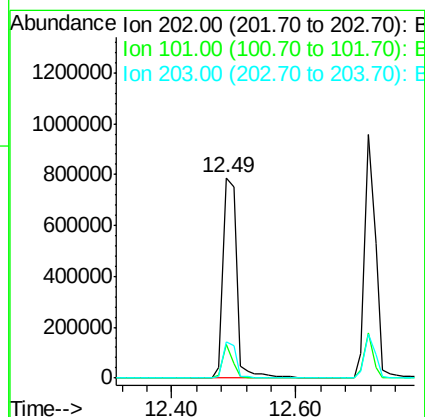
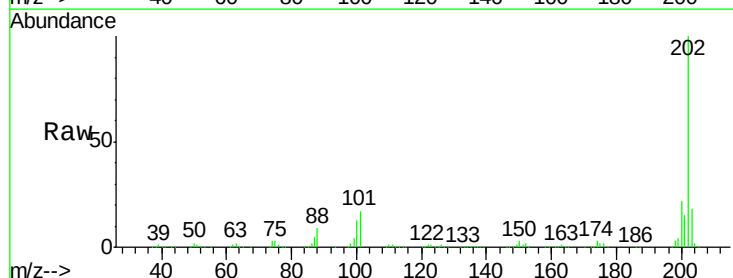
RT: 12.49 min Scan# 910

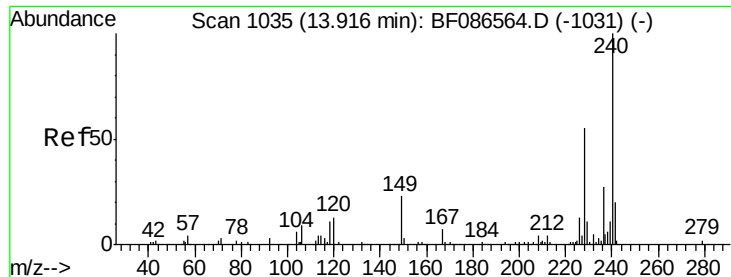
Delta R.T. -0.01 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

Tgt Ion:	202	Resp:	1194120
Ion Ratio	Lower	Upper	
202	100		
101	16.8	0.0	35.4
203	18.2	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

Instrument :

BNA_F

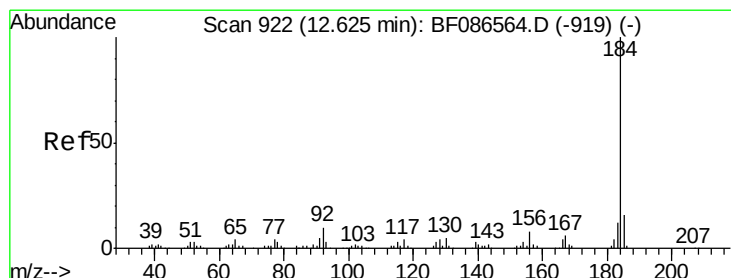
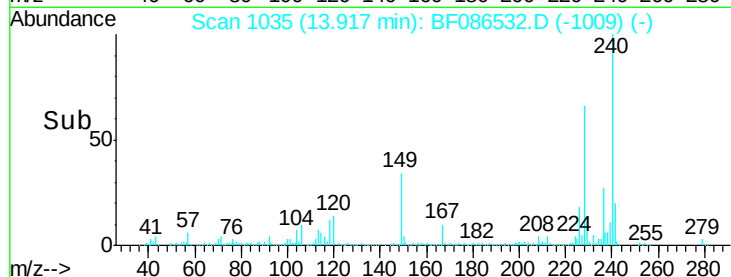
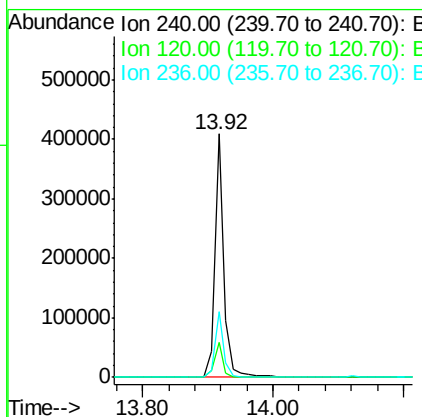
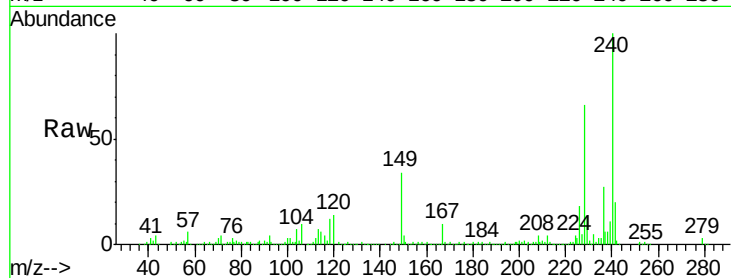
ClientSampled :

PB90035BS

Tgt Ion:	240	Resp:	406695
Ion Ratio	Lower	Upper	
240	100		
120	14.1	11.2	16.8
236	27.0	21.2	31.8

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#76

Benzidine

Concen: 25.42 ng

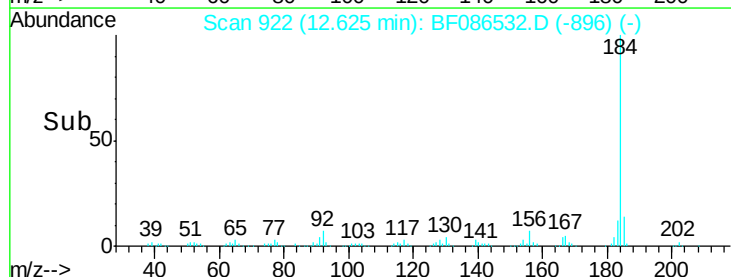
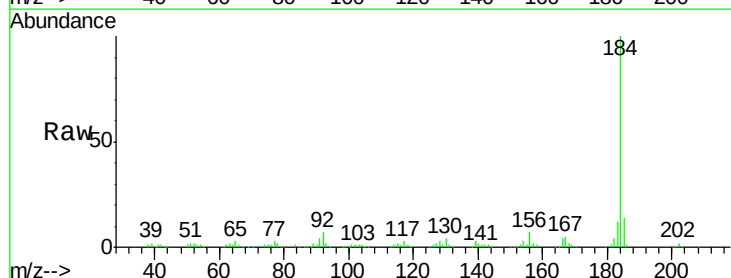
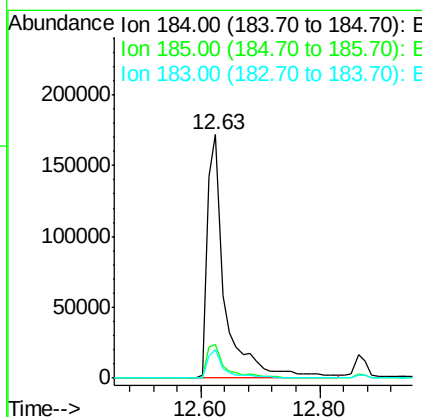
RT: 12.63 min Scan# 922

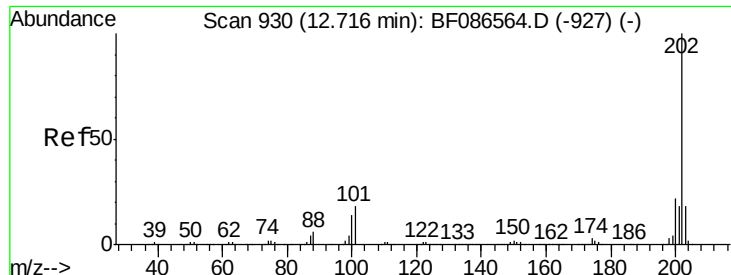
Delta R.T. 0.00 min

Lab File: BF086532.D

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Tgt Ion:	184	Resp:	355219
Ion Ratio	Lower	Upper	
184	100		
185	13.9	13.6	20.4
183	11.6	9.8	14.6





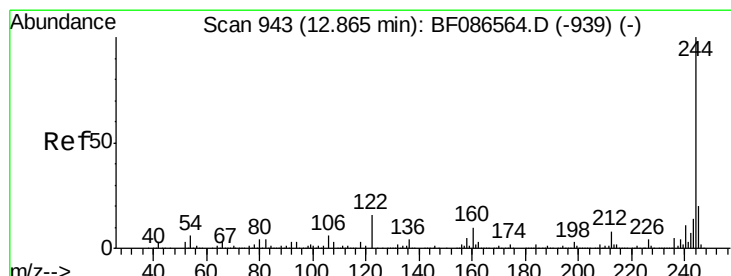
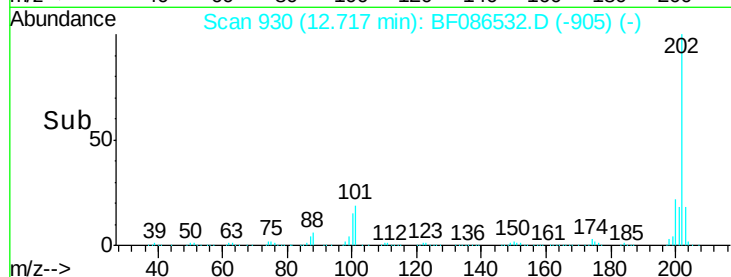
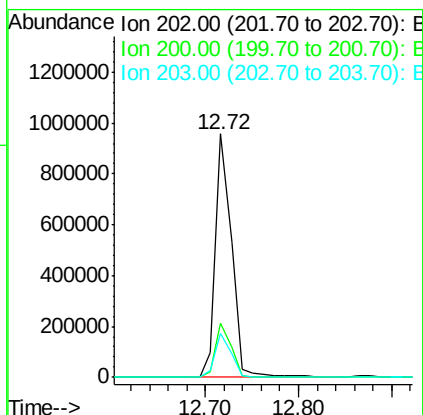
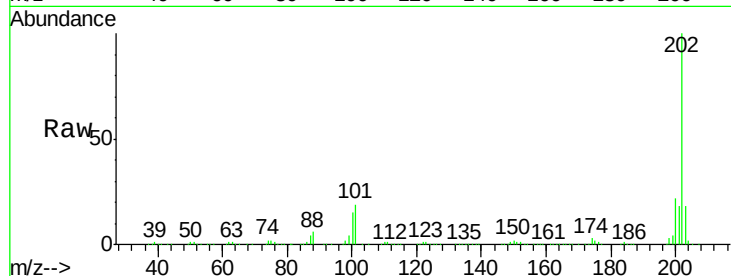
#77
 Pyrene
 Concen: 38.87 ng
 RT: 12.72 min Scan# 930
 Delta R.T. -0.01 min
 Lab File: BF086532.D
 Acq: 30 Apr 2016 19:14

Instrument :
 BNA_F
 ClientSampleId :
 PB90035BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.7	26.5
203	18.1	14.2	21.4

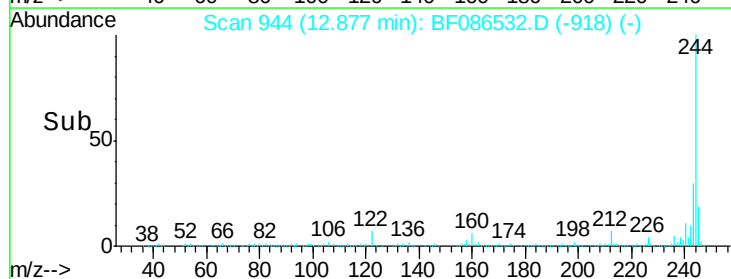
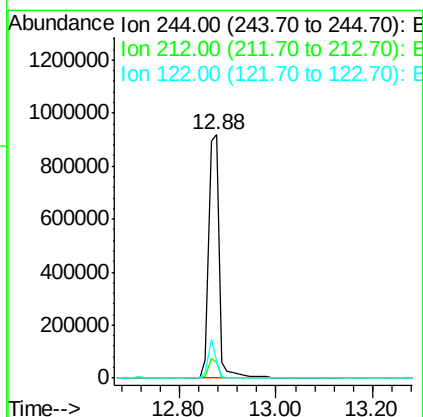
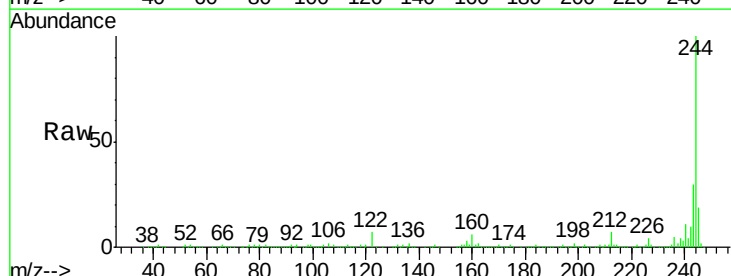
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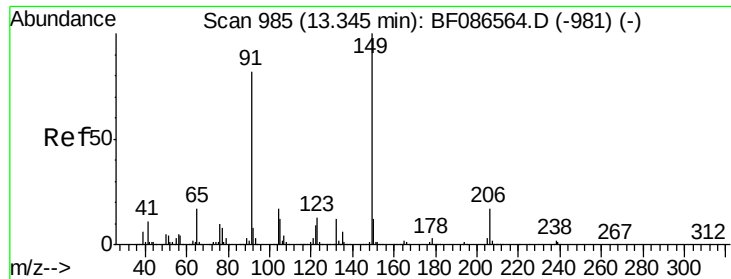
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#78
 Terphenyl-d14
 Concen: 76.77 ng
 RT: 12.88 min Scan# 944
 Delta R.T. 0.00 min
 Lab File: BF086532.D
 Acq: 30 Apr 2016 19:14

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.2	9.2
122	7.1	12.0	18.0#





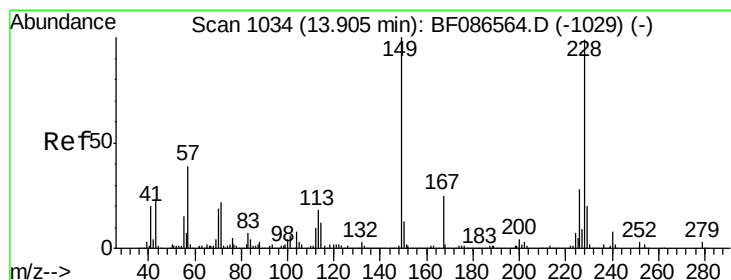
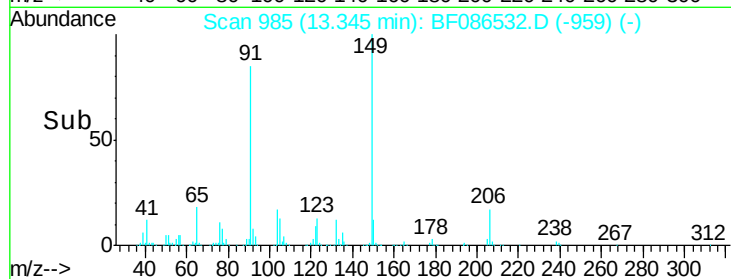
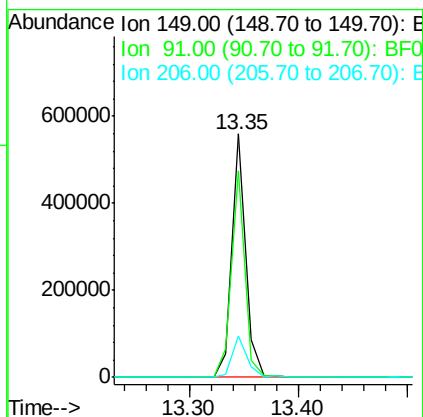
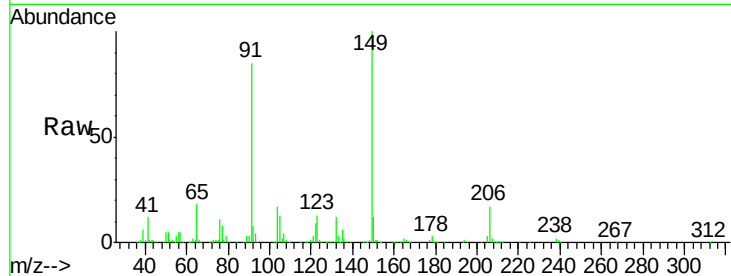
#79
Butylbenzylphthalate
Concen: 38.74 ng
RT: 13.35 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF086532.D
Acq: 30 Apr 2016 19:14

Instrument :
BNA_F
ClientSampleId :
PB90035BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	491703		
91	85.0	48.0	72.0#	
206	17.0	15.8	23.6	

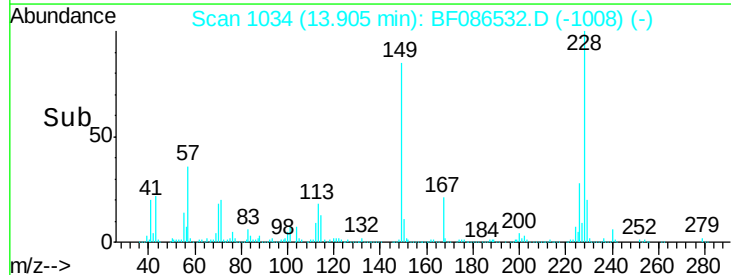
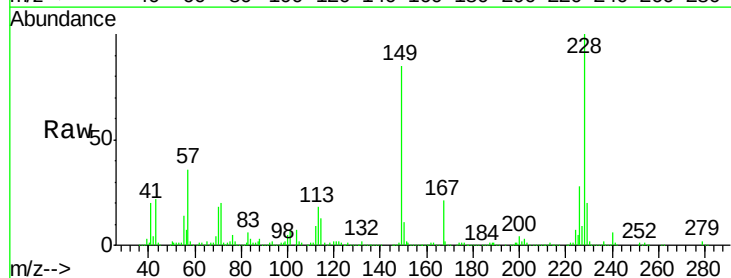
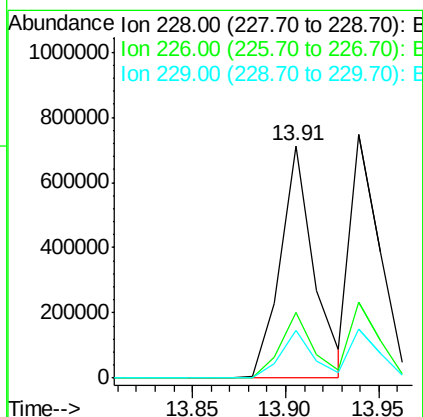
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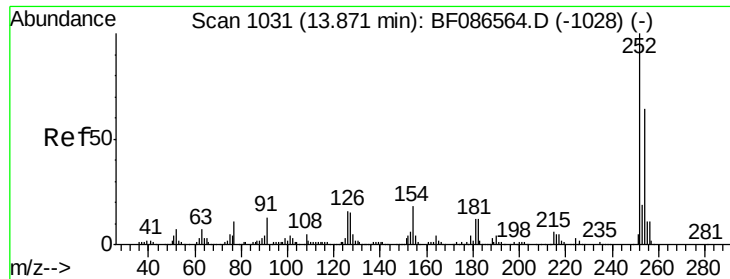
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#80
Benzo(a)anthracene
Concen: 41.19 ng
RT: 13.91 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF086532.D
Acq: 30 Apr 2016 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	893057		
226	28.5	22.5	33.7	
229	20.4	16.6	25.0	





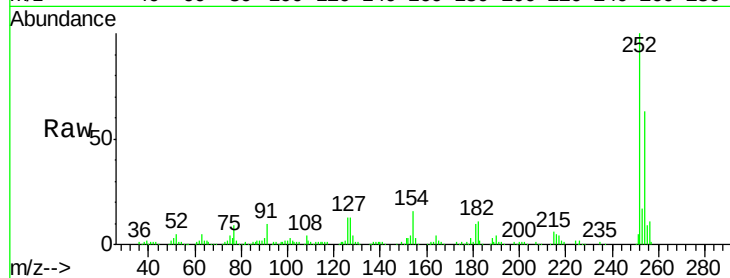
#81
 3,3'-Dichlorobenzidine
 Concen: 12.48 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BF086532.D
 Acq: 30 Apr 2016 19:14

Instrument :
 BNA_F
 ClientSampleId :
 PB90035BS

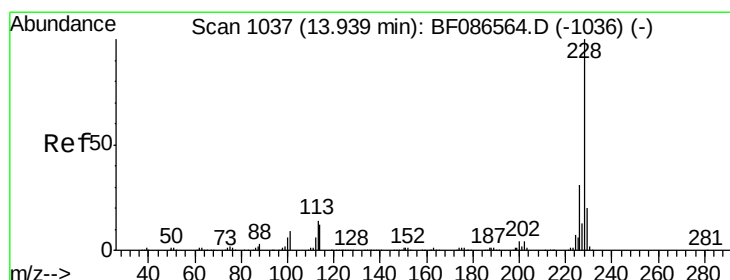
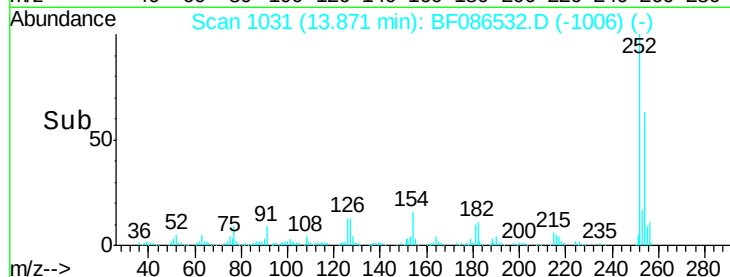
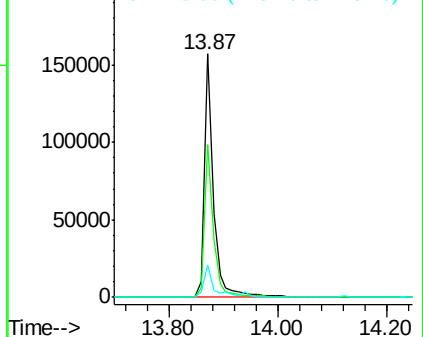
Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	62.9	50.7	76.1
126	13.4	12.7	19.1

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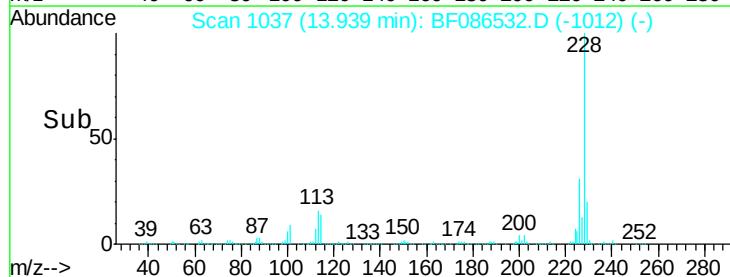
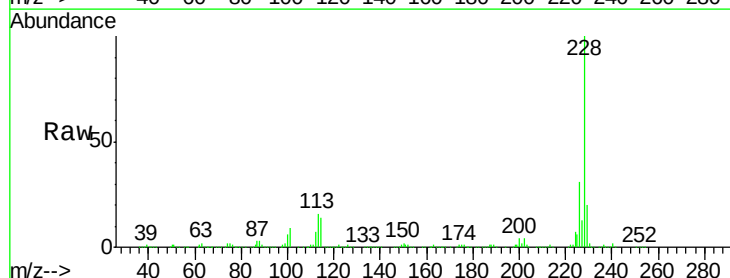
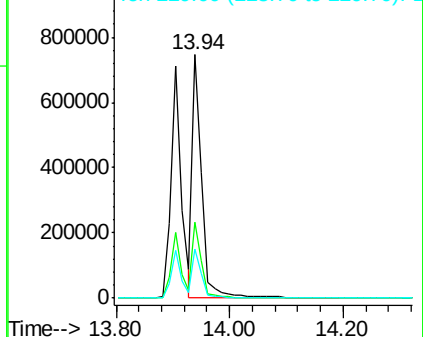
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

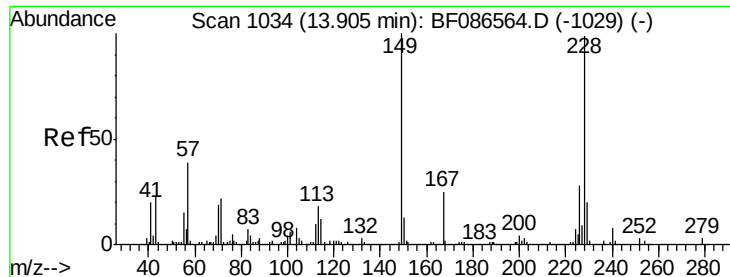


#82
 Chrysene
 Concen: 37.54 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF086532.D
 Acq: 30 Apr 2016 19:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.0	24.4	36.6
229	20.3	15.8	23.8

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





#83

Bis(2-ethylhexyl)phthalate

Concen: 35.23 ng

RT: 13.91 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

Instrument :

BNA_F

ClientSampleId :

PB90035BS

Tgt Ion:149 Resp: 554997
Ion Ratio Lower Upper

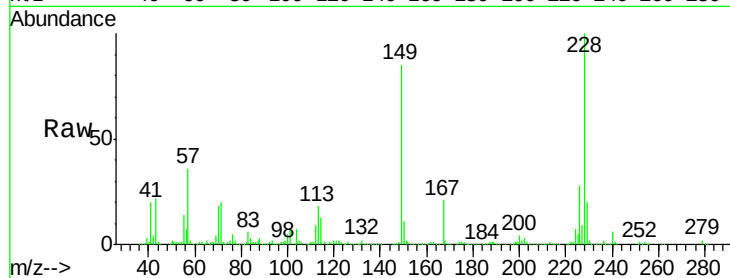
149 100

167 24.9 21.8 32.6

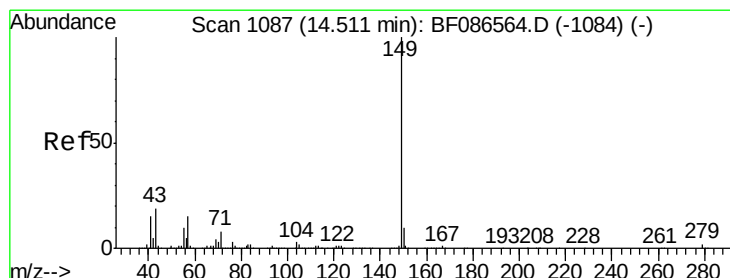
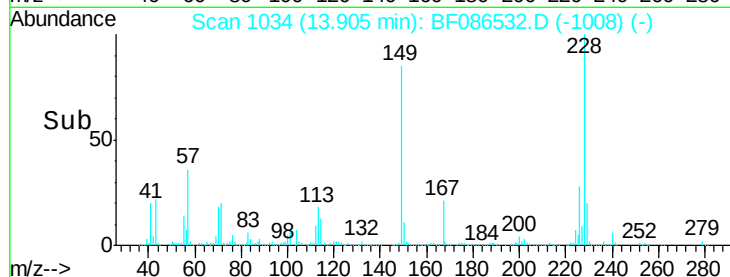
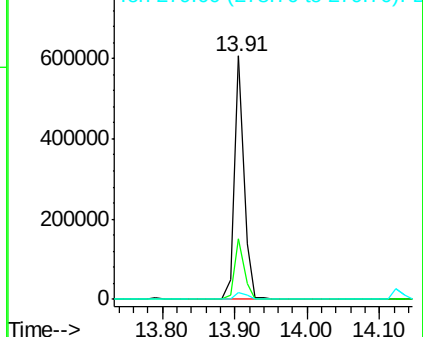
279 2.6 2.6 4.0#

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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: 36.53 ng

RT: 14.51 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BF086532.D

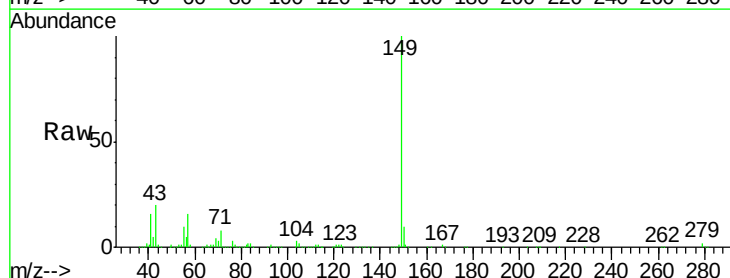
Acq: 30 Apr 2016 19:14

Tgt Ion:149 Resp: 901324
Ion Ratio Lower Upper

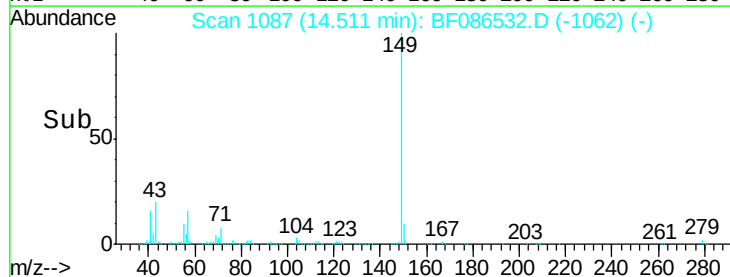
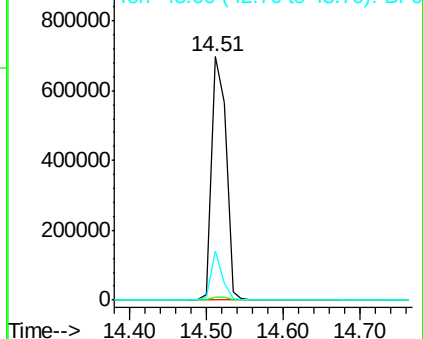
149 100

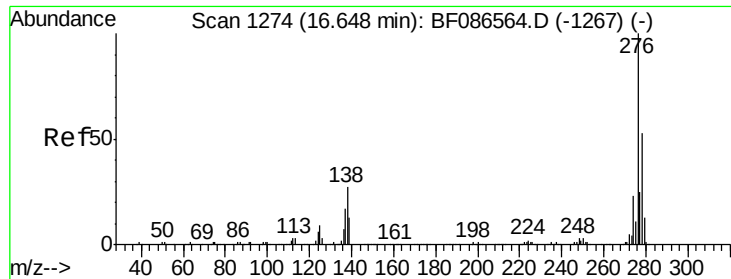
167 1.5 1.2 1.8

43 15.3 8.2 12.4#



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





#85

Indeno(1,2,3-cd)pyrene

Concen: 45.12 ng

RT: 16.65 min Scan# 1274

Delta R.T. 0.00 min

Lab File: BF086532.D

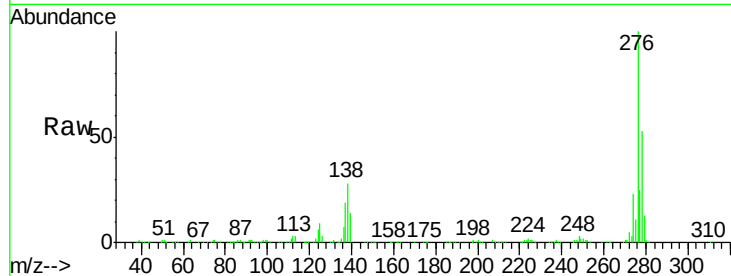
Acq: 30 Apr 2016 19:14

Instrument :

BNA_F

ClientSampleId :

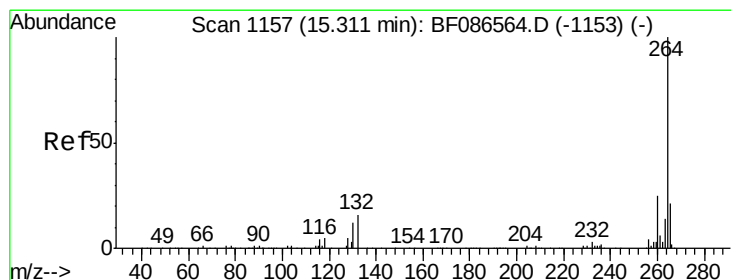
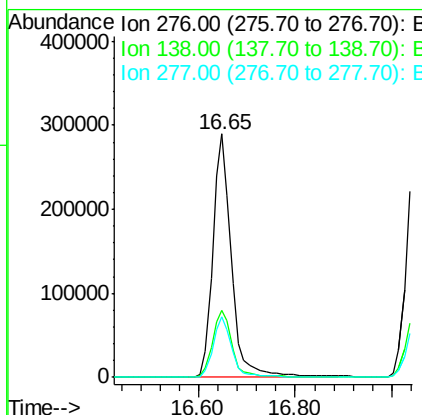
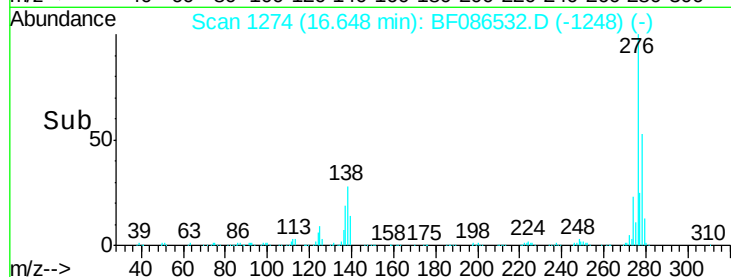
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Tgt Ion	Ratio	Resp	Lower	Upper
276	100	787907		
138	29.1	25.6	38.4	
277	25.1	20.5	30.7	

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#86

Perylene-d12

Concen: 20.00 ng

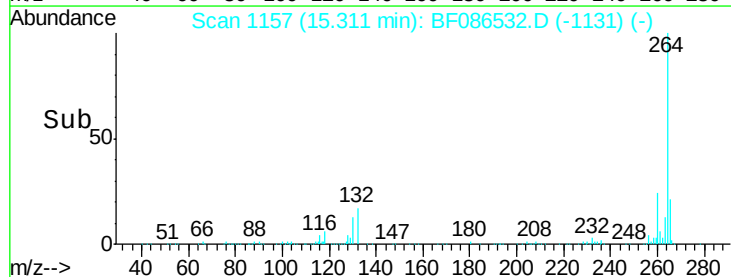
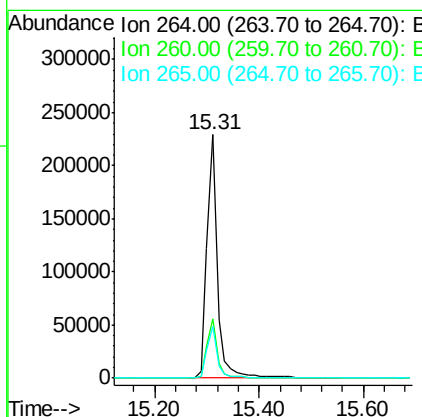
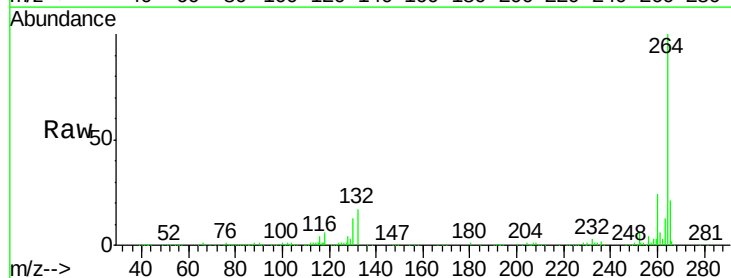
RT: 15.31 min Scan# 1157

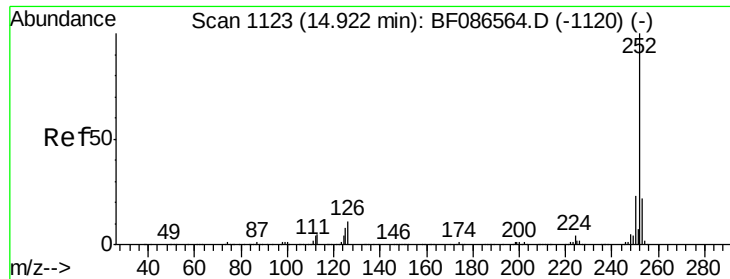
Delta R.T. 0.00 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	319846		
260	24.3	19.5	29.3	
265	21.3	17.3	25.9	





#87

Benzo(b)fluoranthene

Concen: 45.74 ng m

RT: 14.92 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

Instrument :

BNA_F

ClientSampleId :

PB90035BS

Tgt Ion:252 Resp: 860600
Ion Ratio Lower Upper

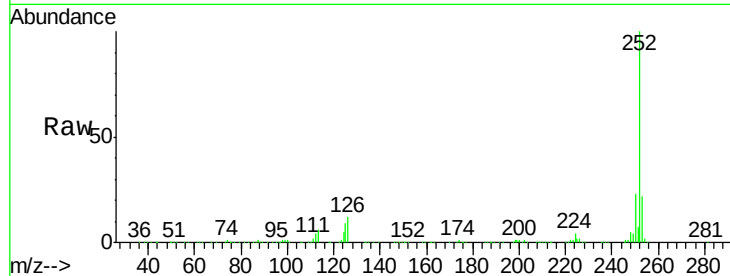
252 100

253 21.8 17.8 26.6

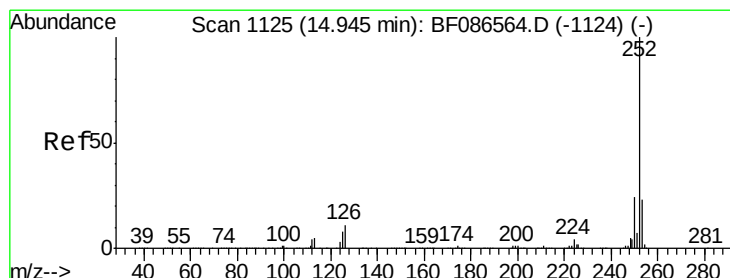
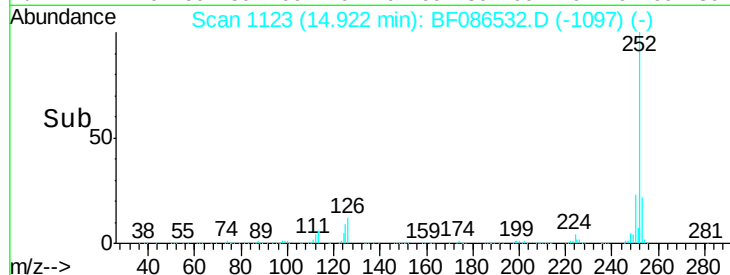
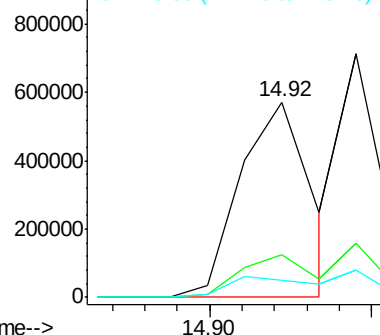
125 8.8 11.4 17.0#

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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: 37.18 ng m

RT: 14.95 min Scan# 1125

Delta R.T. 0.00 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

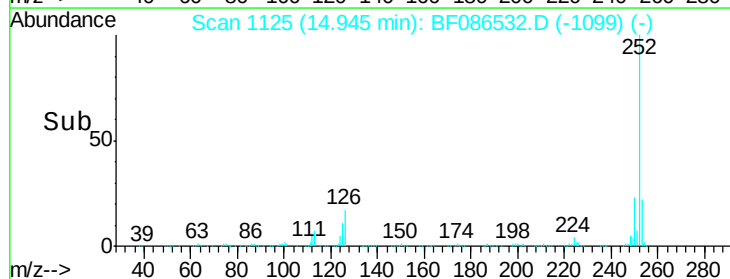
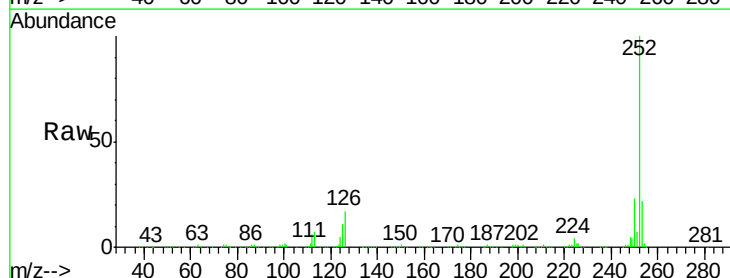
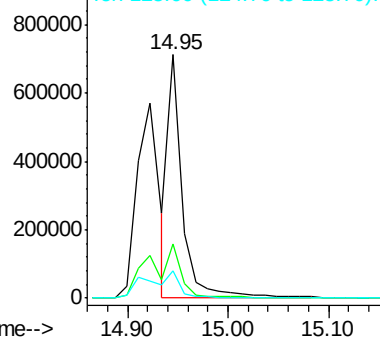
Tgt Ion:252 Resp: 729634
Ion Ratio Lower Upper

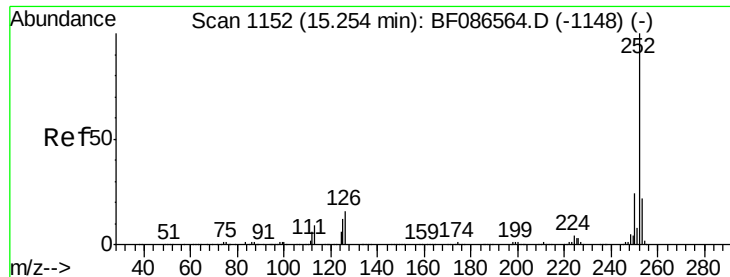
252 100

253 22.3 17.8 26.6

125 11.3 9.1 13.7

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





#89

Benzo(a)pyrene

Concen: 41.56 ng

RT: 15.25 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

Instrument :

BNA_F

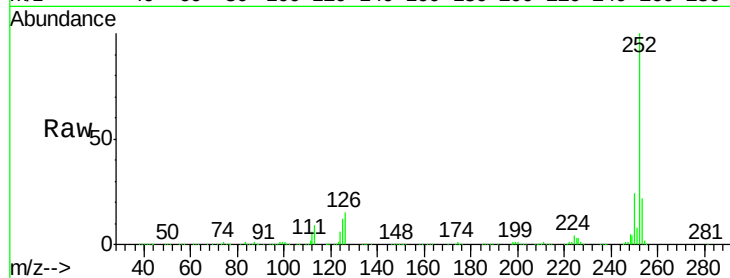
ClientSampleId :

PB90035BS

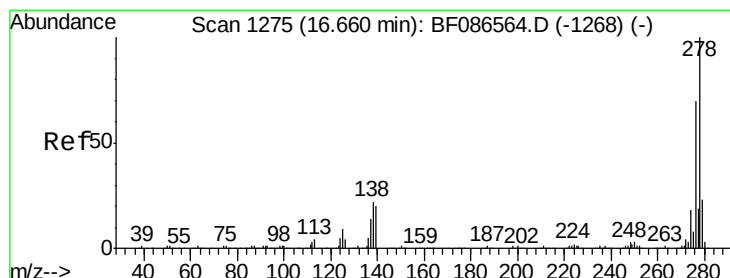
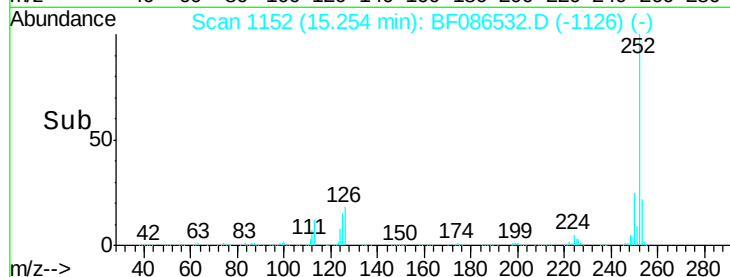
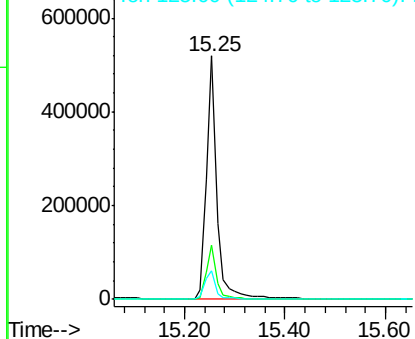
Tgt	Ion	252	Resp:	738255
Ion	Ratio	Lower	Upper	
252	100			
253	22.0	17.2	25.8	
125	11.9	9.0	13.6	

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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



#90

Dibenzo(a,h)anthracene

Concen: 45.12 ng

RT: 16.66 min Scan# 1275

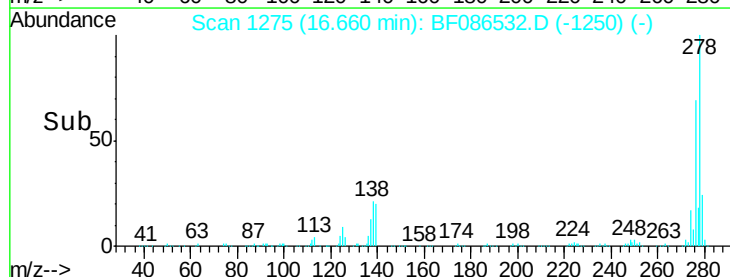
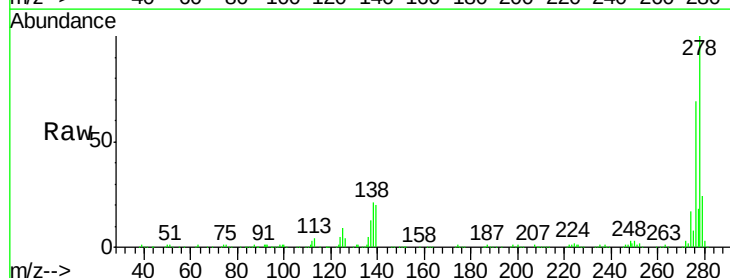
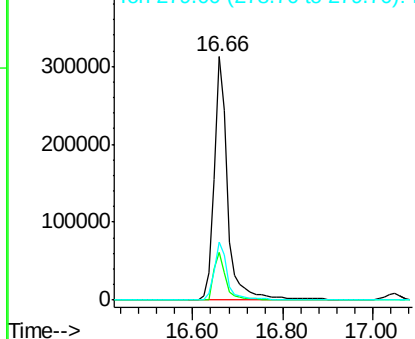
Delta R.T. -0.01 min

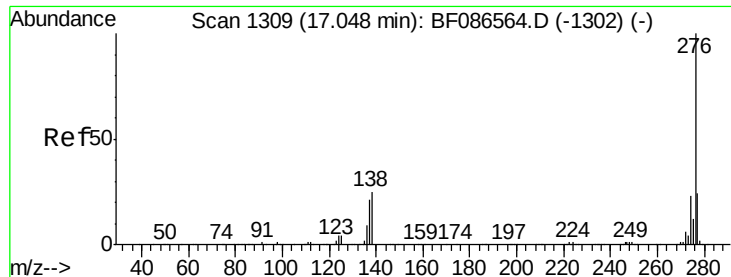
Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

Tgt	Ion	278	Resp:	655896
Ion	Ratio	Lower	Upper	
278	100			
139	19.6	16.6	24.8	
279	24.1	19.6	29.4	

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 45.93 ng
 RT: 17.05 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF086532.D
 Acq: 30 Apr 2016 19:14

Instrument :
 BNA_F
 ClientSampleId :
 PB90035BS

Tgt Ion:	276	Resp:	669214
Ion Ratio		Lower	Upper
276	100		
277	23.7	19.6	29.4
138	25.2	23.6	35.4

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