

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021116\
 Data File : BF085017.D
 Acq On : 11 Feb 2016 14:25
 Operator : SJ/IZ
 Sample : PB88282BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88282BSD

Manual Integrations
 APPROVED

Sohil
 2/12/2016 12:26:07 PM

Quant Time: Feb 11 18:29:10 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 10 13:28:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	145602	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	608925	20.00	ng	-0.02
38) Acenaphthene-d10	9.64	164	293995	20.00	ng	-0.02
63) Phenanthrene-d10	11.13	188	588941	20.00	ng	-0.01
75) Chrysene-d12	13.76	240	420393	20.00	ng	-0.01
86) Perylene-d12	15.12	264	318097	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.20	112	694886	74.34	ng	0.00
7) Phenol-d6	6.27	99	972646	83.93	ng	-0.01
23) Nitrobenzene-d5	7.19	82	868498	80.35	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	256295	83.58	ng	-0.01
44) 2-Fluorobiphenyl	8.98	172	1487231	85.27	ng	-0.01
78) Terphenyl-d14	12.72	244	1533388	82.65	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.14	88	131364	32.08	ng	# 76
3) Pyridine	2.76	79	381525	35.76	ng	# 74
4) n-Nitrosodimethylamine	2.72	42	206498	37.42	ng	# 80
6) Aniline	6.27	93	173525	12.24	ng	# 44
8) 2-Chlorophenol	6.40	128	417788	39.48	ng	96
9) Benzaldehyde	6.15	77	108059	15.79	ng	96
10) Phenol	6.28	94	557554	42.95	ng	84
11) bis(2-Chloroethyl)ether	6.35	93	367308	36.28	ng	86
12) 1,3-Dichlorobenzene	6.55	146	408975	36.58	ng	97
13) 1,4-Dichlorobenzene	6.63	146	427225	38.23	ng	94
14) 1,2-Dichlorobenzene	6.78	146	350769	33.70	ng	95
15) Benzyl Alcohol	6.76	79	313840	39.22	ng	89
16) 2,2'-oxybis(1-Chloropropan	6.90	45	591127	34.71	ng	87
17) 2-Methylphenol	6.89	107	308687	36.89	ng	# 91
18) Hexachloroethane	7.12	117	153506	35.67	ng	97
19) n-Nitroso-di-n-propylamine	7.04	70	268955	37.02	ng	# 72
20) 3+4-Methylphenols	7.05	107	430994	41.49	ng	89
22) Acetophenone	7.03	105	570942	35.58	ng	# 98
24) Nitrobenzene	7.20	77	380241	32.85	ng	94
25) Isophorone	7.45	82	779880	37.10	ng	97
26) 2-Nitrophenol	7.52	139	205514	36.00	ng	# 83
27) 2,4-Dimethylphenol	7.58	122	381622	38.43	ng	95
28) bis(2-Chloroethoxy)methane	7.67	93	507347	40.69	ng	98
29) 2,4-Dichlorophenol	7.77	162	352088	41.44	ng	99
30) 1,2,4-Trichlorobenzene	7.84	180	349184	36.39	ng	95
31) Naphthalene	7.92	128	1084912	35.52	ng	99
32) Benzoic acid	7.71	122	224950	35.42	ng	96
33) 4-Chloroaniline	7.98	127	82087	6.50	ng	98
34) Hexachlorobutadiene	8.04	225	204623	36.98	ng	98
35) Caprolactam	8.36	113	113176m	43.22	ng	
36) 4-Chloro-3-methylphenol	8.48	107	364909	37.65	ng	95
37) 2-Methylnaphthalene	8.62	142	820452	42.92	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	307998	32.99	ng	98
40) Hexachlorocyclopentadiene	8.76	237	273160	69.90	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	8.90	196	236710	39.35	ng	94
43) 2,4,5-Trichlorophenol	8.95	196	243362	39.82	ng #	94
45) 1,1'-Biphenyl	9.07	154	911130	34.70	ng	97
46) 2-Chloronaphthalene	9.10	162	664407	34.36	ng	97
47) 2-Nitroaniline	9.21	65	238287	38.92	ng #	59
48) Acenaphthylene	9.51	152	1025200	34.93	ng	98
49) Dimethylphthalate	9.39	163	853154	38.10	ng #	90
50) 2,6-Dinitrotoluene	9.45	165	178651	36.52	ng #	59
51) Acenaphthene	9.68	154	648098	33.95	ng	98
52) 3-Nitroaniline	9.61	138	60301	10.97	ng	97
53) 2,4-Dinitrophenol	9.74	184	163442	72.94	ng #	83
54) Dibenzofuran	9.86	168	967959	41.48	ng	97
55) 4-Nitrophenol	9.80	139	234562	58.06	ng #	76
56) 2,4-Dinitrotoluene	9.86	165	254829	40.84	ng #	75
57) Fluorene	10.19	166	710663	36.47	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	197382	42.42	ng #	86
59) Diethylphthalate	10.09	149	849946	38.87	ng	99
60) 4-Chlorophenyl-phenylether	10.19	204	337426	40.49	ng	94
61) 4-Nitroaniline	10.23	138	188690	35.23	ng	91
62) Azobenzene	10.35	77	915885	43.56	ng	91
64) 4,6-Dinitro-2-methylphenol	10.26	198	125442	34.51	ng #	71
65) n-Nitrosodiphenylamine	10.32	169	732028	39.14	ng	98
66) 4-Bromophenyl-phenylether	10.68	248	243640	37.45	ng	99
67) Hexachlorobenzene	10.74	284	246036	34.71	ng #	88
68) Atrazine	10.86	200	256490	43.43	ng	96
69) Pentachlorophenol	10.95	266	233076	69.97	ng	98
70) Phenanthrene	11.15	178	1170503	35.83	ng	97
71) Anthracene	11.21	178	1224143	37.19	ng	99
72) Carbazole	11.37	167	1114074	38.82	ng	97
73) Di-n-butylphthalate	11.70	149	1260004	34.48	ng #	97
74) Fluoranthene	12.33	202	1183144	35.79	ng	99
76) Benzidine	12.47	184	291402	21.11	ng	97
77) Pyrene	12.56	202	1153726	35.84	ng	99
79) Butylbenzylphthalate	13.20	149	562454	38.52	ng #	89
80) Benzo(a)anthracene	13.75	228	981501	37.62	ng	100
81) 3,3'-Dichlorobenzidine	13.71	252	91789	9.94	ng #	95
82) Chrysene	13.78	228	806484	31.87	ng	99
83) Bis(2-ethylhexyl)phthalate	13.76	149	657193	36.17	ng	97
84) Di-n-octyl phthalate	14.37	149	1047616	34.95	ng #	91
85) Indeno(1,2,3-cd)pyrene	16.37	276	723941	36.35	ng	98
87) Benzo(b)fluoranthene	14.75	252	819351m	38.34	ng	
88) Benzo(k)fluoranthene	14.78	252	624764m	35.35	ng	
89) Benzo(a)pyrene	15.06	252	664643	36.50	ng #	96
90) Dibenzo(a,h)anthracene	16.38	278	601377	39.23	ng	97
91) Benzo(g,h,i)perylene	16.74	276	626884	40.60	ng	97

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

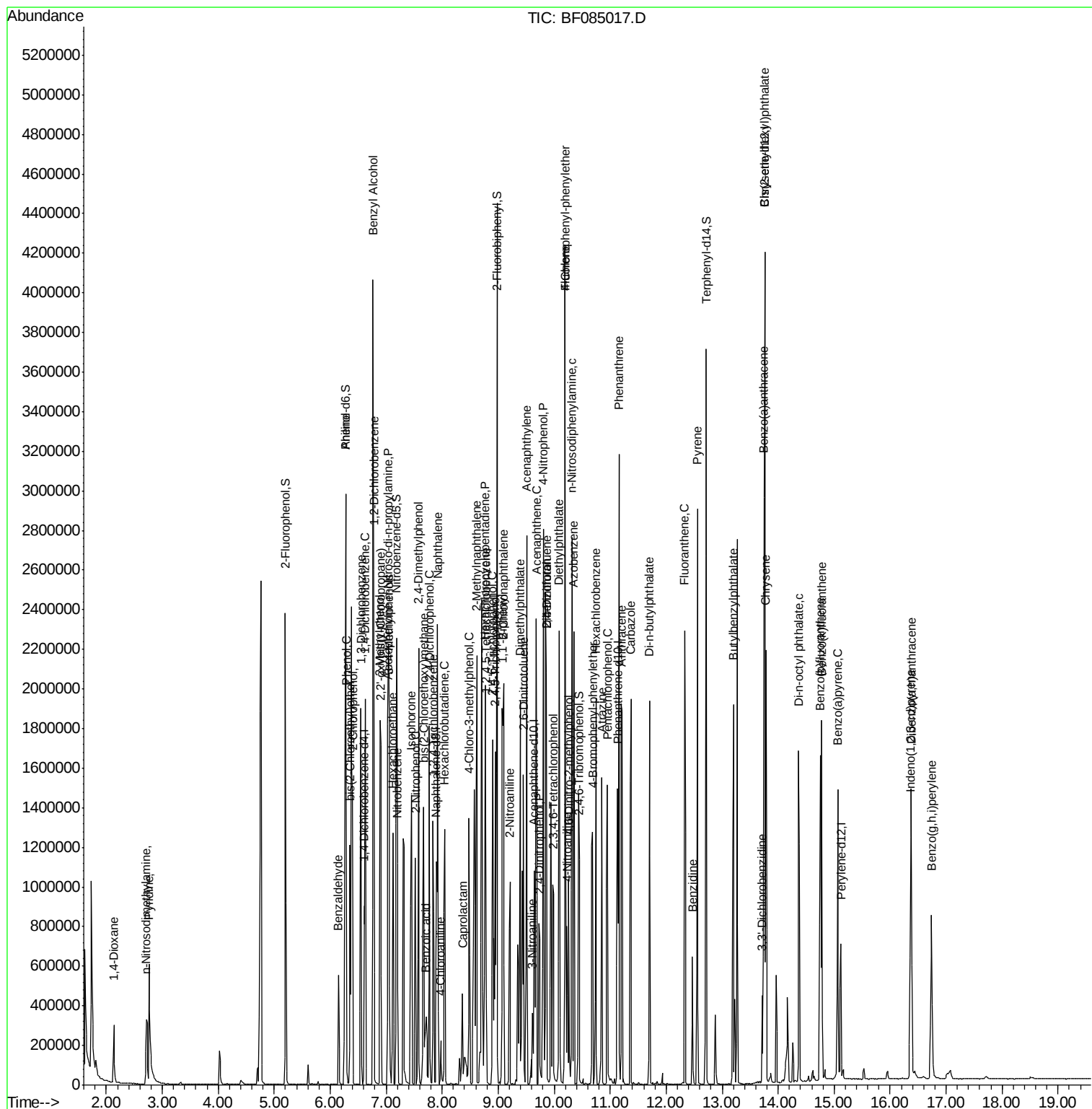
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. -0.02 min

Lab File: BF085017.D

Acq: 11 Feb 2016 14:25

Instrument :

BNA_F

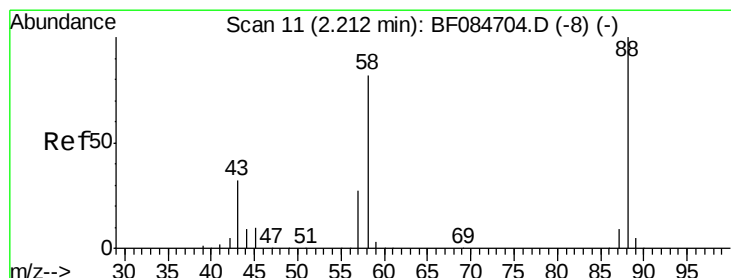
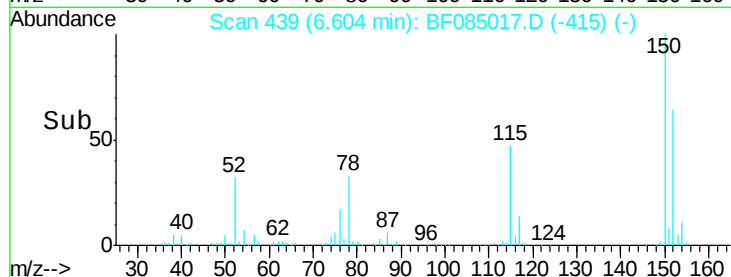
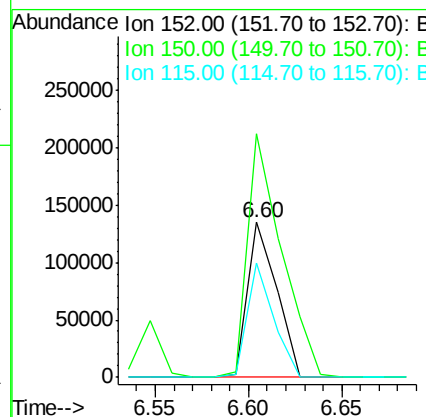
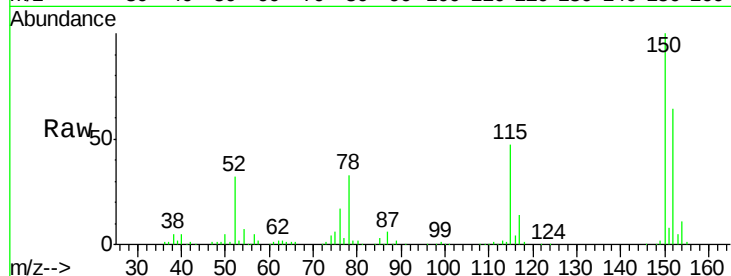
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.2	123.0	184.4
115	73.7	51.4	77.2



#2

1,4-Dioxane

Concen: 32.08 ng

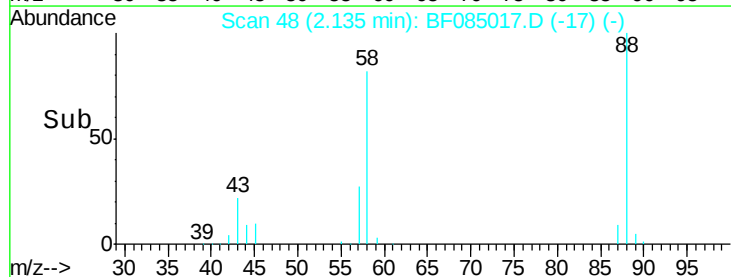
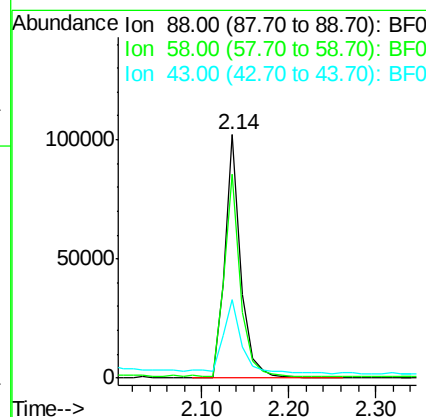
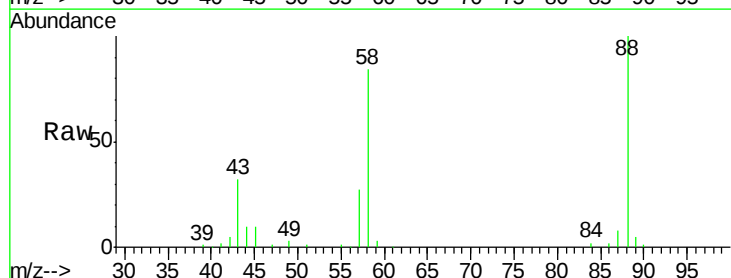
RT: 2.14 min Scan# 48

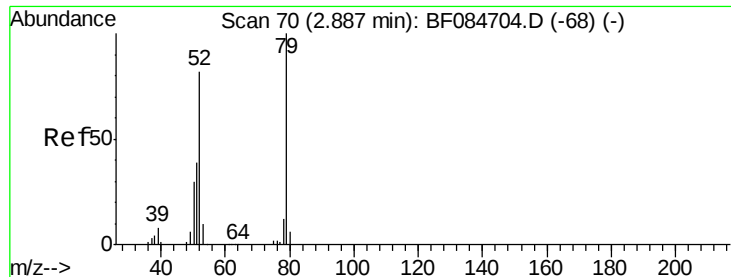
Delta R.T. 0.06 min

Lab File: BF085017.D

Acq: 11 Feb 2016 14:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.2	51.2	76.8#
43	33.4	19.5	29.3#





#3

Pyridine

Concen: 35.76 ng

RT: 2.76 min Scan# 103

Delta R.T. 0.05 min

Lab File: BF085017.D

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BNA_F

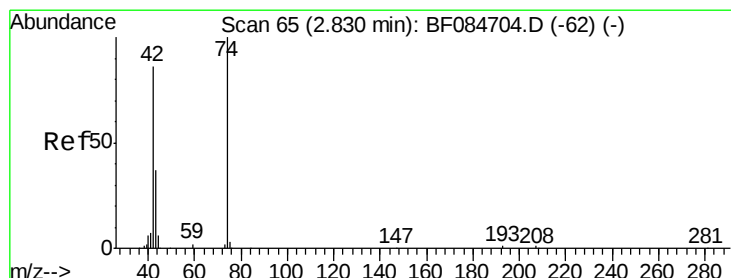
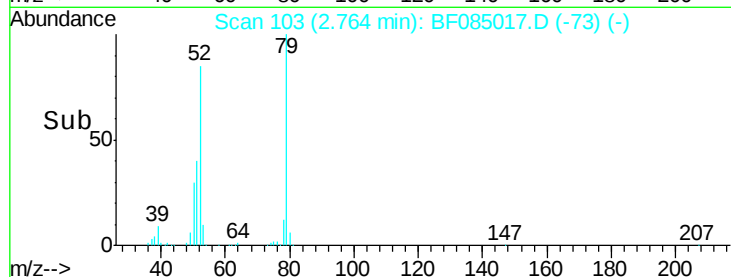
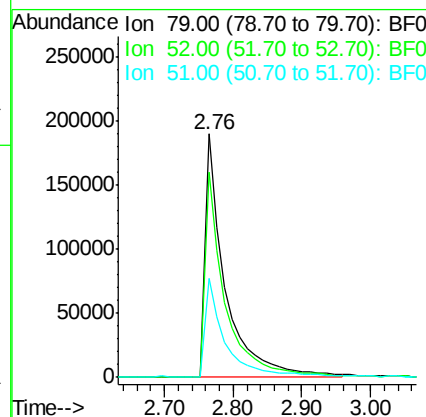
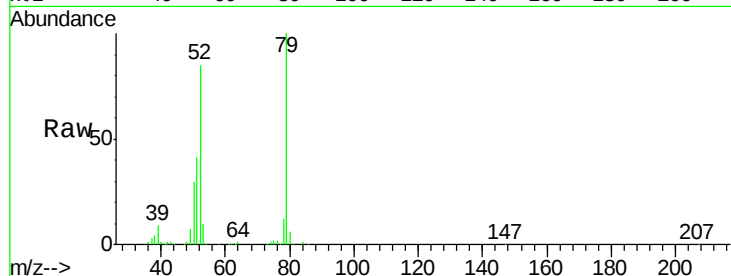
ClientSampleId :

PB88282BSD

Tgt Ion	Ratio	Lower	Upper
79	100		
52	84.5	49.0	73.4#
51	40.5	25.2	37.8#

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#4

n-Nitrosodimethylamine

Concen: 37.42 ng

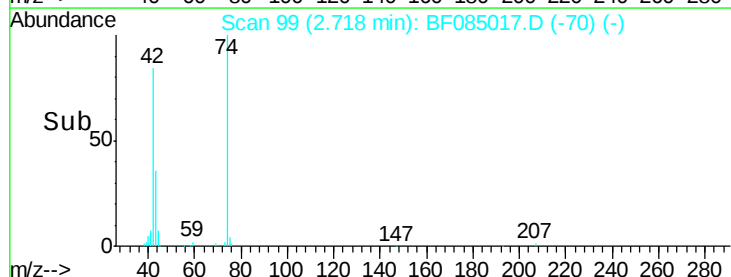
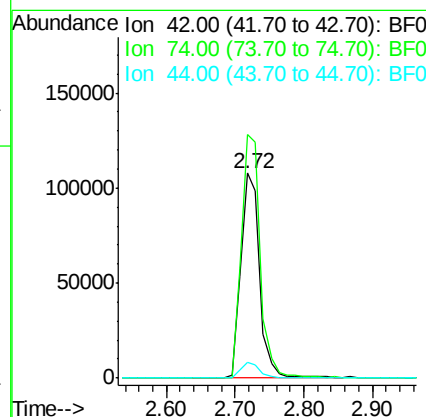
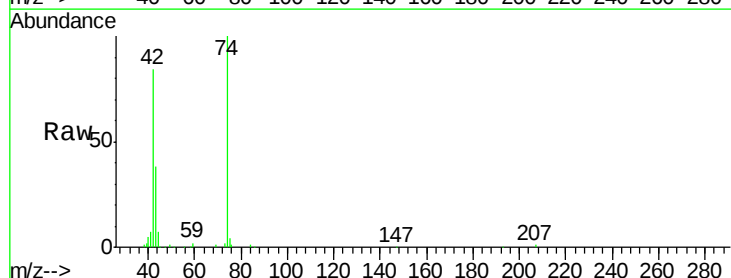
RT: 2.72 min Scan# 99

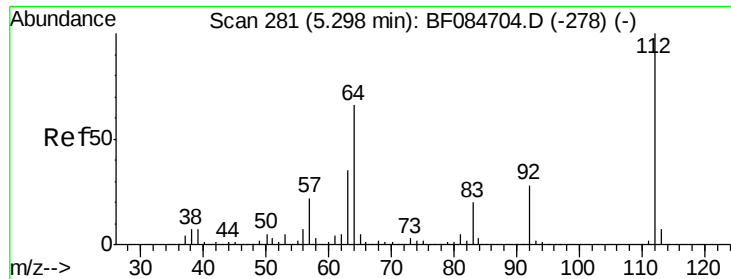
Delta R.T. 0.03 min

Lab File: BF085017.D

Acq: 11 Feb 2016 14:25

Tgt Ion	Ratio	Lower	Upper
42	100		
74	118.7	115.7	173.5
44	8.0	5.1	7.7#





#5

2-Fluorophenol

Concen: 74.34 ng

RT: 5.20 min Scan# 316

Delta R.T. -0.00 min

Lab File: BF085017.D

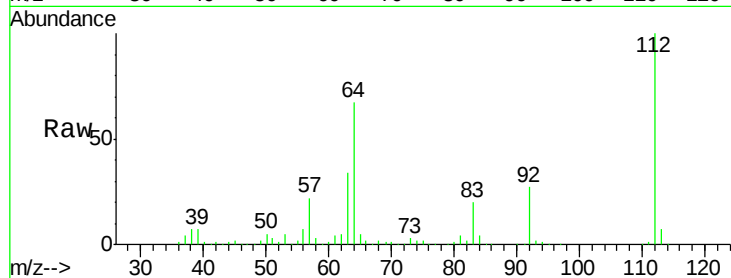
Acq: 11 Feb 2016 14:25

Instrument :

BNA_F

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PB88282BSD



Tgt Ion: 112 Resp: 694886

Ion Ratio Lower Upper

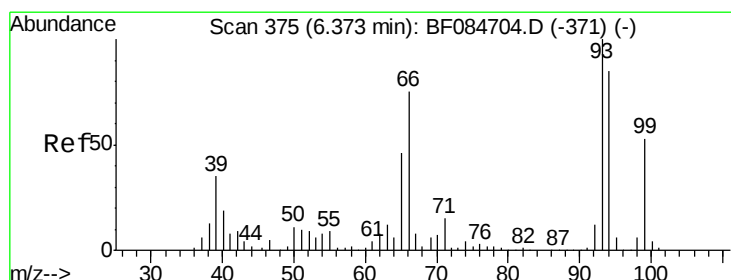
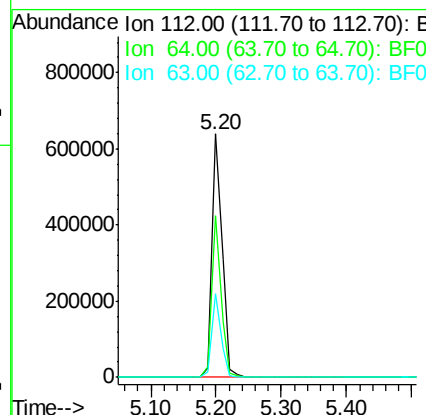
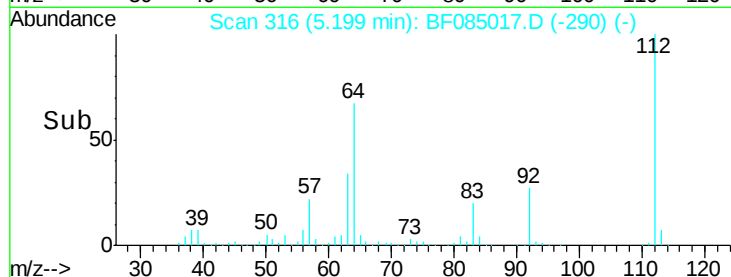
112 100

64 66.6 36.6 55.0#

63 34.3 19.4 29.0#

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#6

Aniline

Concen: 12.24 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.02 min

Lab File: BF085017.D

Acq: 11 Feb 2016 14:25

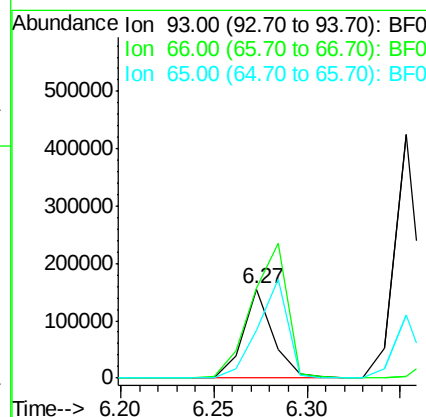
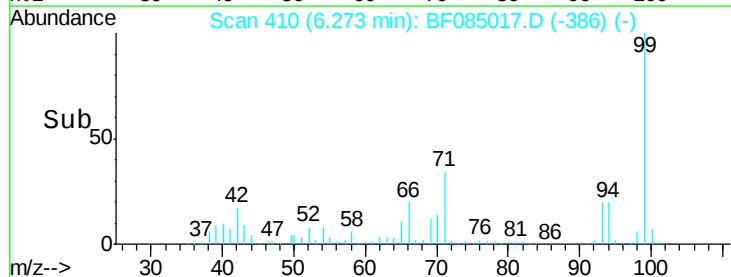
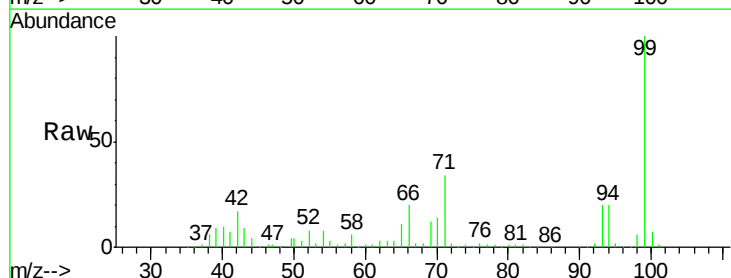
Tgt Ion: 93 Resp: 173525

Ion Ratio Lower Upper

93 100

66 100.7 44.9 67.3#

65 54.1 23.7 35.5#





#7

Phenol-d6

Concen: 83.93 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF085017.D

Acq: 11 Feb 2016 14:25

Instrument :

BNA_F

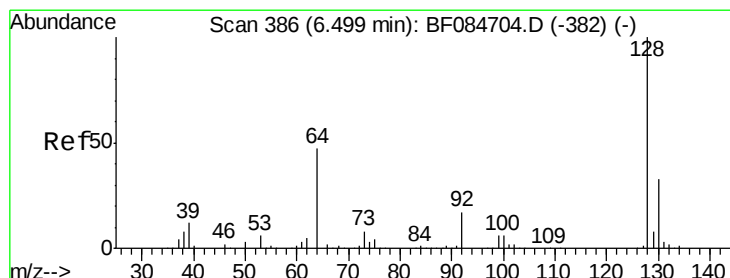
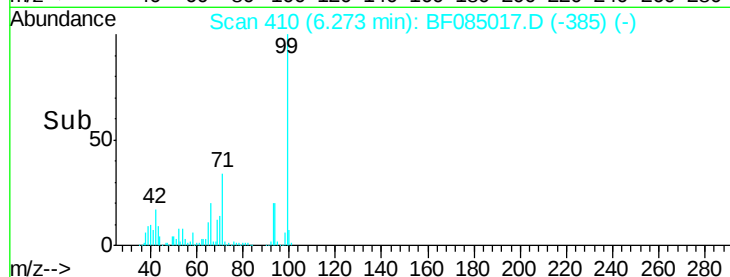
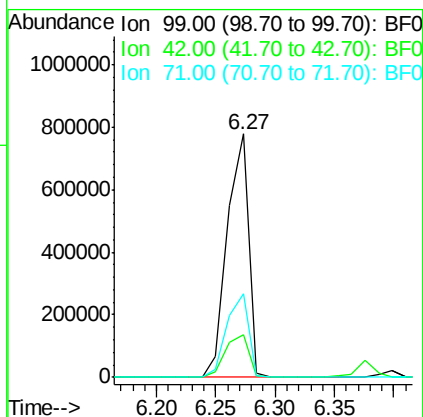
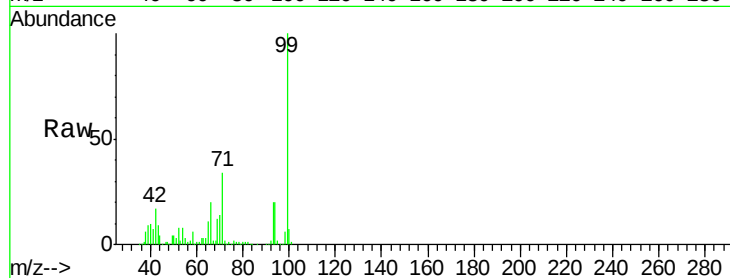
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Tgt Ion	Ratio	Resp	Lower	Upper
99	100	972646		
42	17.5	12.8	19.2	
71	34.4	30.9	46.3	



#8

2-Chlorophenol

Concen: 39.48 ng

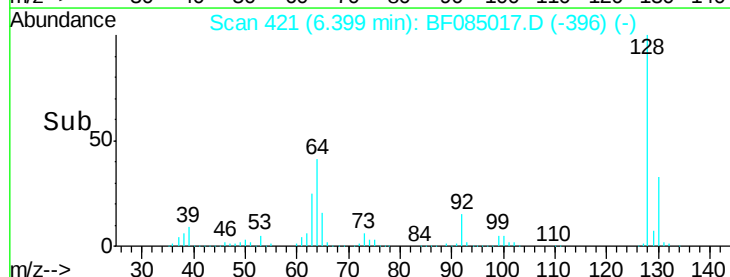
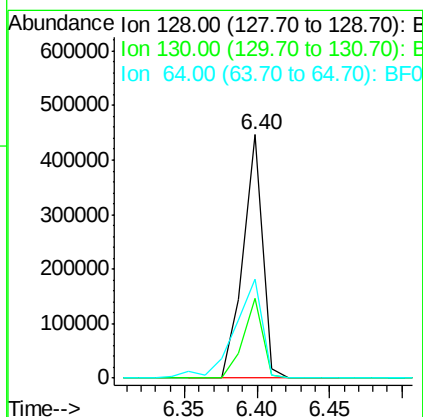
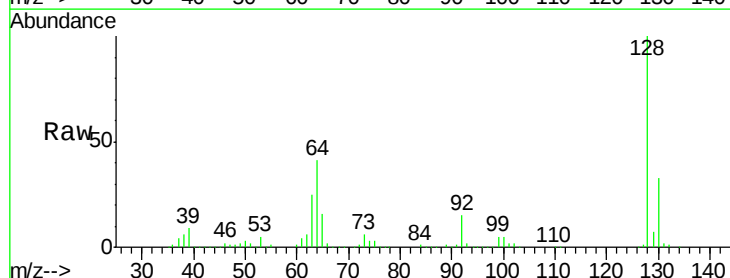
RT: 6.40 min Scan# 421

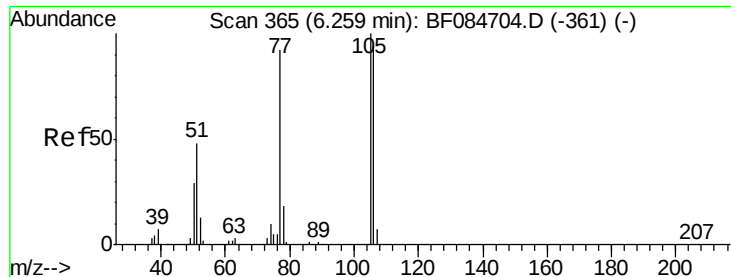
Delta R.T. -0.01 min

Lab File: BF085017.D

Acq: 11 Feb 2016 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	417788		
130	32.9	11.6	51.6	
64	40.8	23.8	63.8	





#9

Benzaldehyde

Concen: 15.79 ng

RT: 6.15 min Scan# 399

Delta R.T. -0.02 min

Lab File: BF085017.D

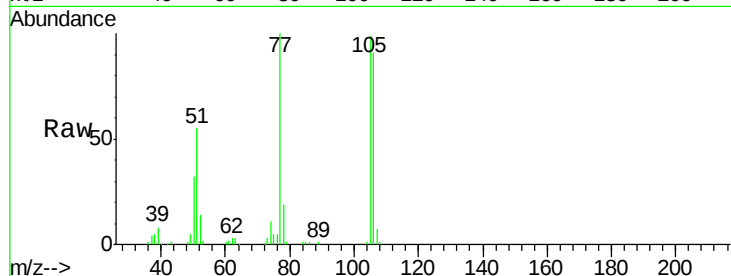
Acq: 11 Feb 2016 14:25

Instrument :

BNA_F

ClientSampleId :

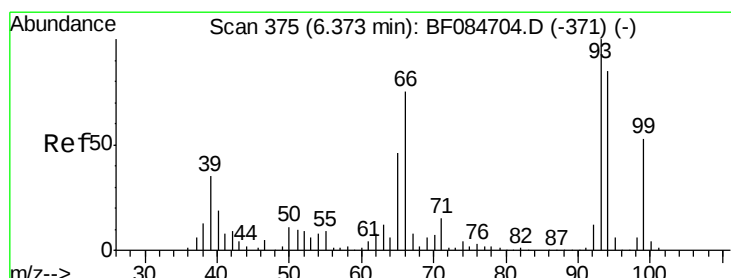
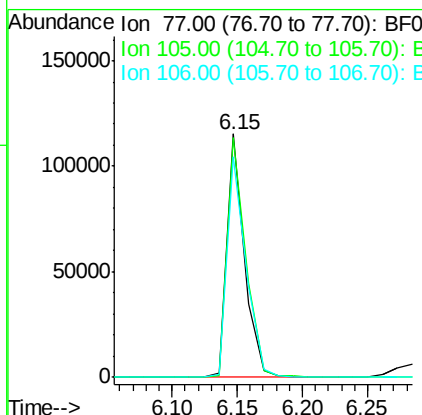
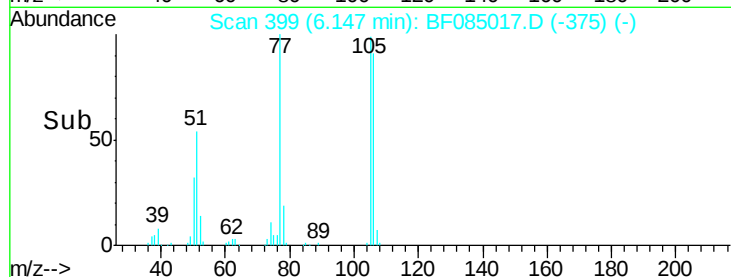
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Tgt Ion:	77	Resp:	108059
Ion	Ratio	Lower	Upper
77	100		
105	98.5	83.0	123.0
106	90.8	74.6	114.6

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#10

Phenol

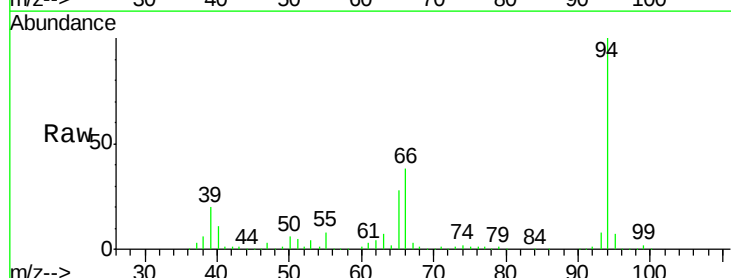
Concen: 42.95 ng

RT: 6.28 min Scan# 411

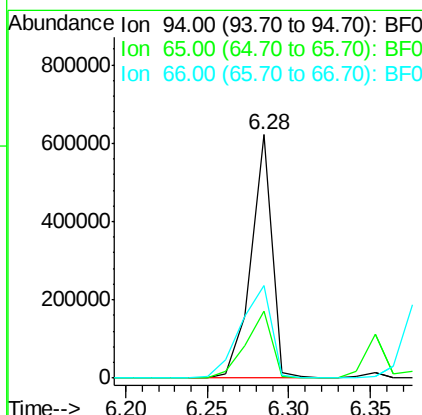
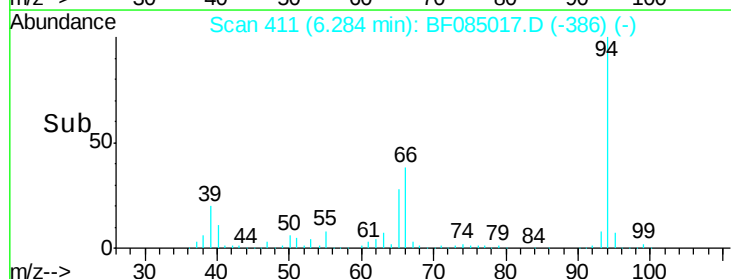
Delta R.T. -0.01 min

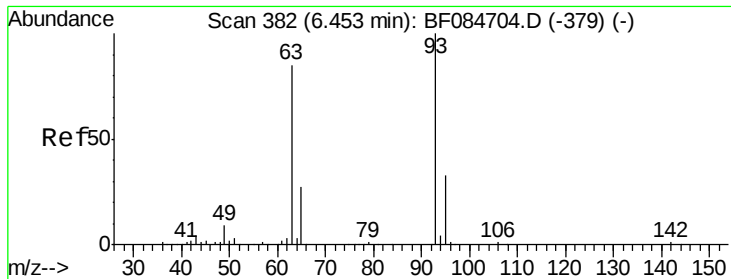
Lab File: BF085017.D

Acq: 11 Feb 2016 14:25



Tgt Ion:	94	Resp:	557554
Ion	Ratio	Lower	Upper
94	100		
65	27.7	12.9	52.9
66	37.8	32.7	72.7





#11

bis(2-Chloroethyl)ether

Concen: 36.28 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.02 min

Lab File: BF085017.D

Acq: 11 Feb 2016 14:25

Instrument :

BNA_F

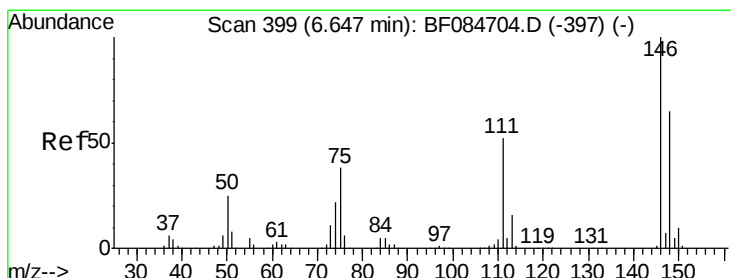
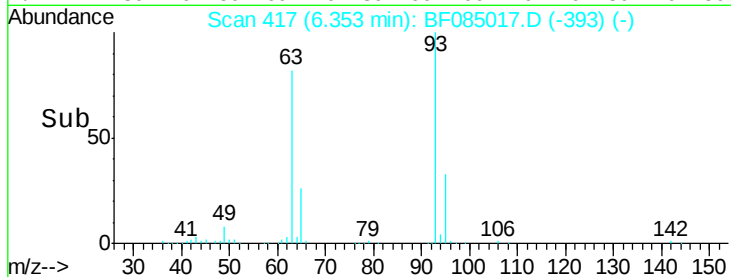
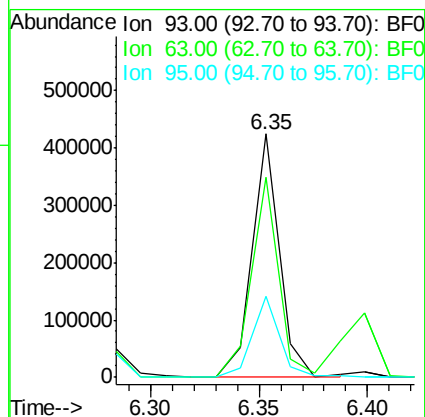
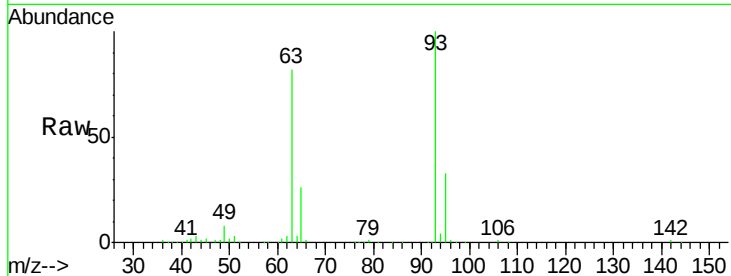
ClientSampleId :

PB88282BSD

Tgt Ion:	93	Resp:	367308
Ion	Ratio	Lower	Upper
93	100		
63	82.4	45.9	85.9
95	33.1	12.3	52.3

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#12

1,3-Dichlorobenzene

Concen: 36.58 ng

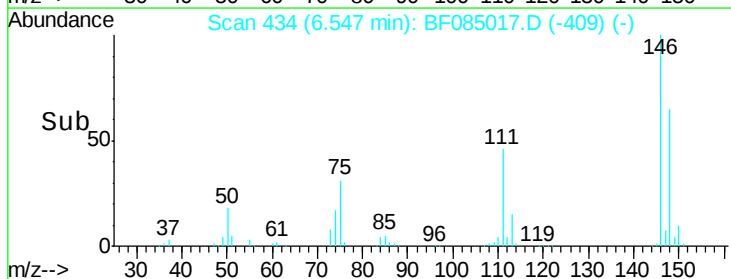
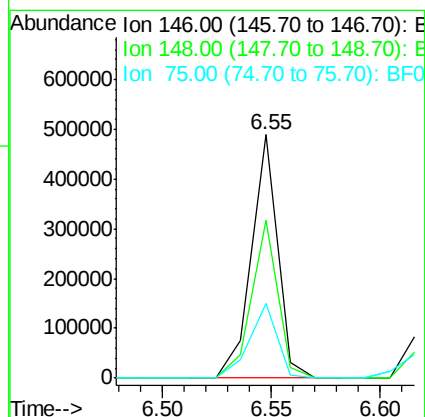
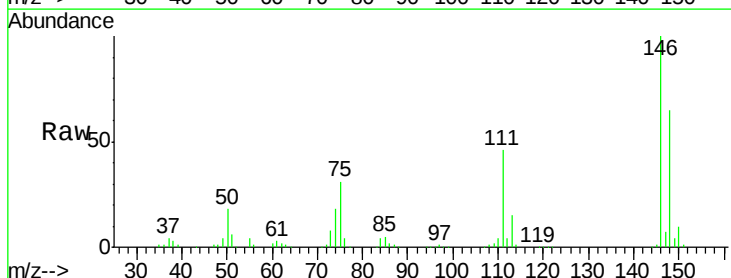
RT: 6.55 min Scan# 434

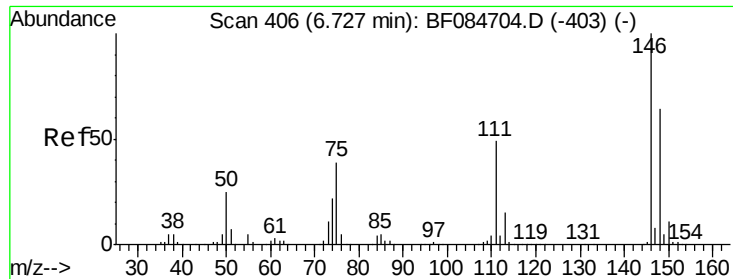
Delta R.T. -0.01 min

Lab File: BF085017.D

Acq: 11 Feb 2016 14:25

Tgt Ion:	146	Resp:	408975
Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.9	77.9
75	30.7	20.5	30.7





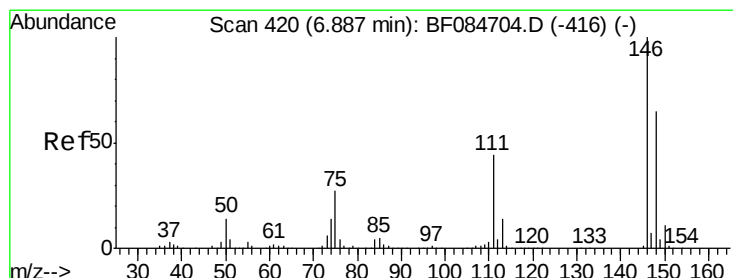
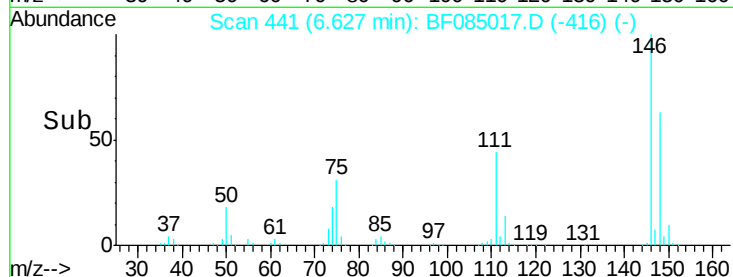
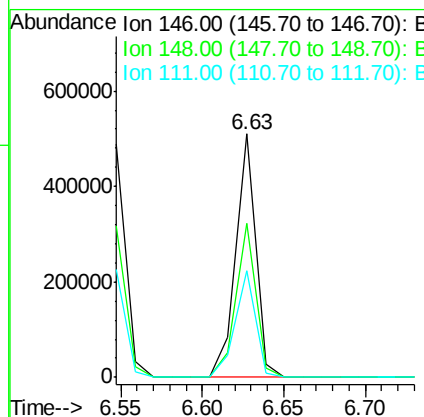
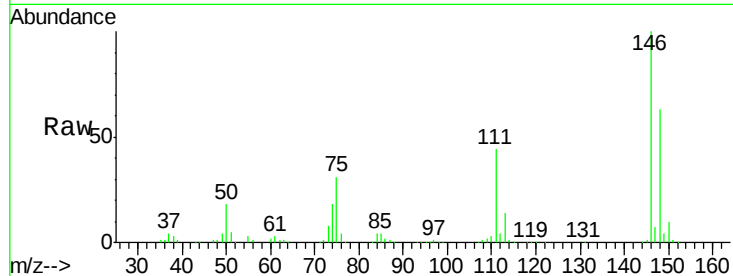
#13
 1,4-Dichlorobenzene
 Concen: 38.23 ng
 RT: 6.63 min Scan# 441
 Delta R.T. -0.01 min
 Lab File: BF085017.D
 Acq: 11 Feb 2016 14:25

Instrument :
 BNA_F
 ClientSampleId :
 PB88282BSD

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	427225		
148	63.1	51.9	77.9	
111	43.9	41.6	62.4	

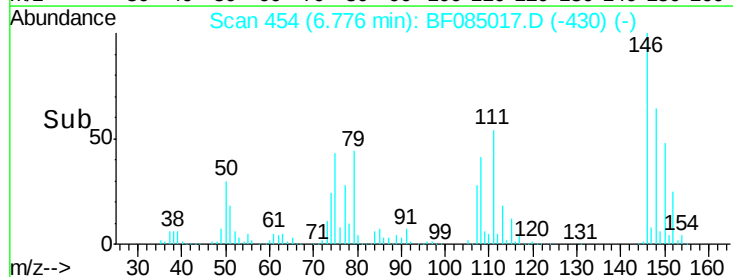
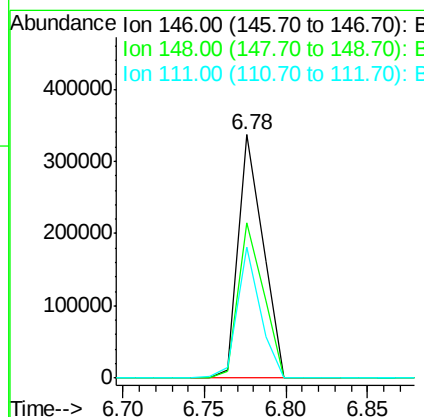
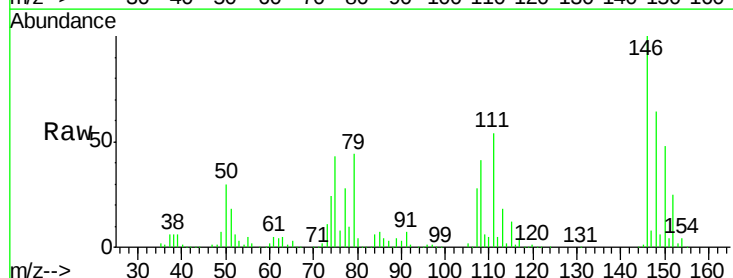
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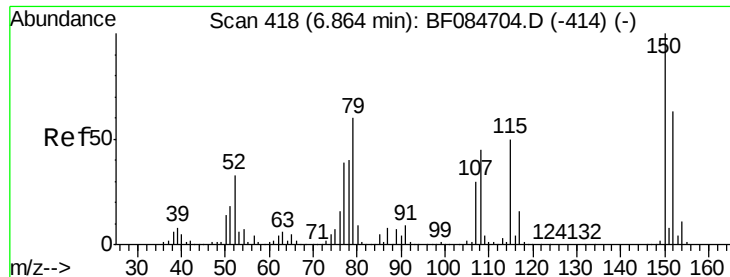
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#14
 1,2-Dichlorobenzene
 Concen: 33.70 ng
 RT: 6.78 min Scan# 454
 Delta R.T. -0.02 min
 Lab File: BF085017.D
 Acq: 11 Feb 2016 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	350769		
148	63.6	51.6	77.4	
111	53.8	38.0	57.0	





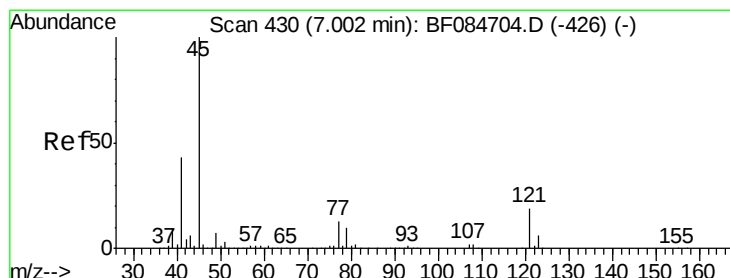
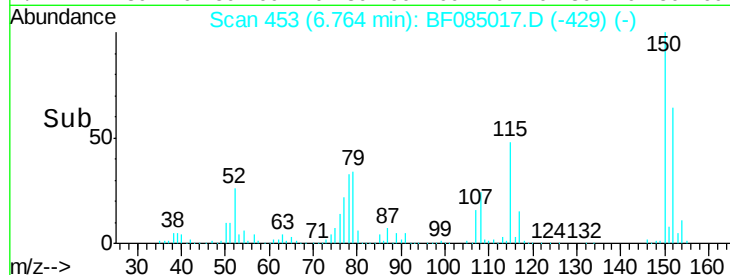
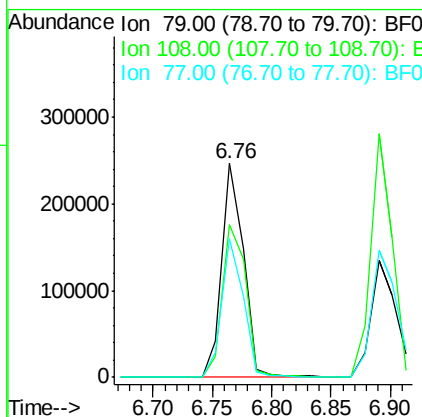
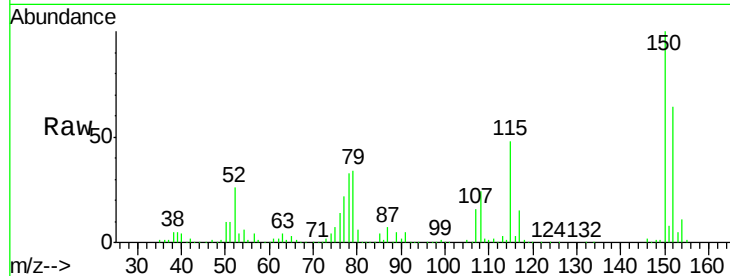
#15
Benzyl Alcohol
Concen: 39.22 ng
RT: 6.76 min Scan# 453
Delta R.T. -0.02 min
Lab File: BF085017.D
Acq: 11 Feb 2016 14:25

Instrument :
BNA_F
ClientSampleId :
PB88282BSD

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	313840		
108	71.4	69.0	103.4	
77	65.0	50.0	75.0	

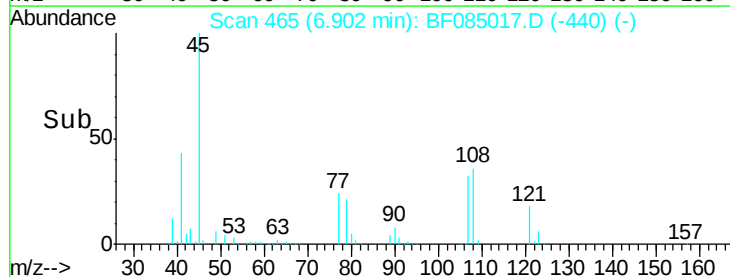
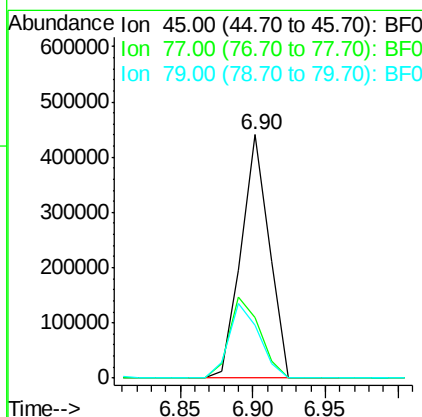
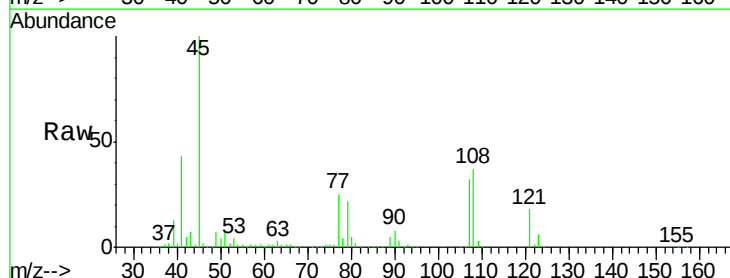
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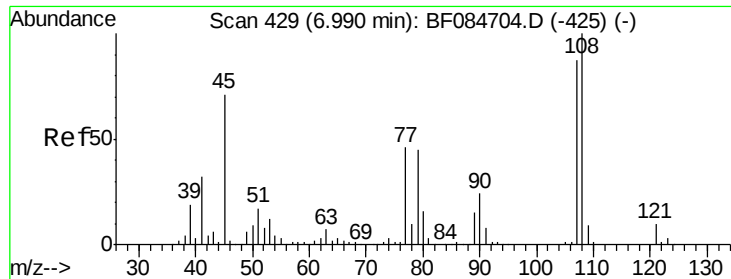
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.71 ng
RT: 6.90 min Scan# 465
Delta R.T. -0.01 min
Lab File: BF085017.D
Acq: 11 Feb 2016 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	591127		
77	24.9	0.0	39.6	
79	21.6	0.0	35.0	





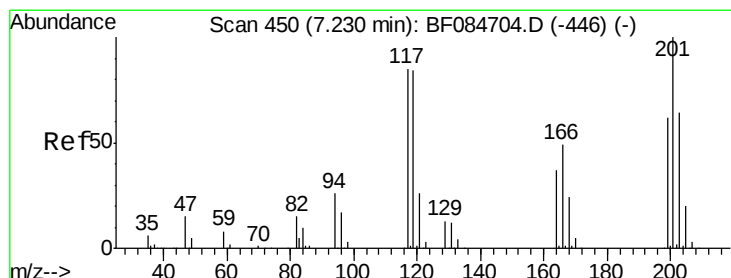
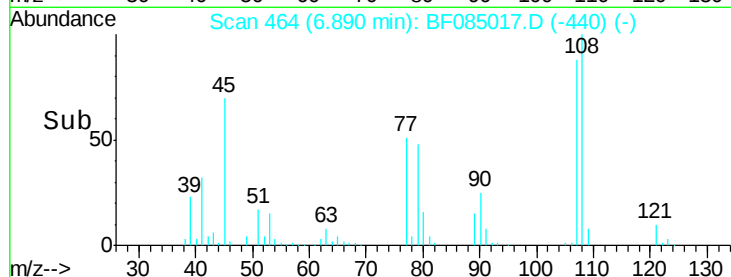
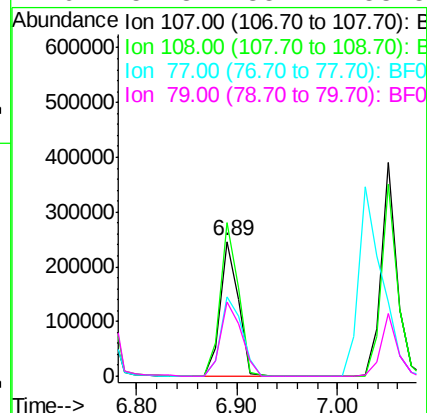
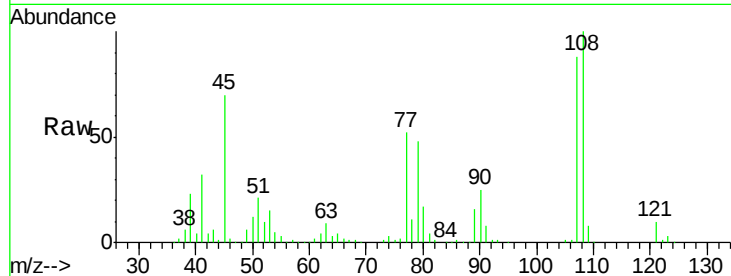
#17
2-Methylphenol
Concen: 36.89 ng
RT: 6.89 min Scan# 464
Delta R.T. -0.02 min
Lab File: BF085017.D
Acq: 11 Feb 2016 14:25

Instrument :
BNA_F
ClientSampleId :
PB88282BSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.1	89.8	134.6	
77	59.3	35.7	53.5#	
79	54.8	35.7	53.5#	

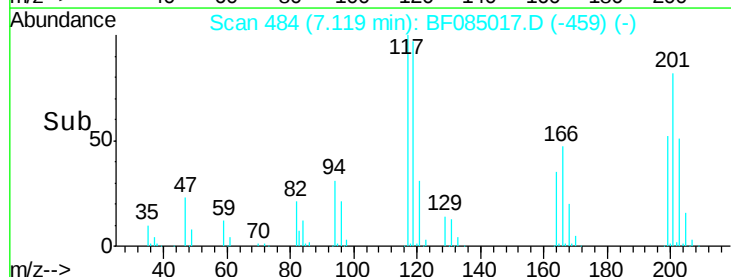
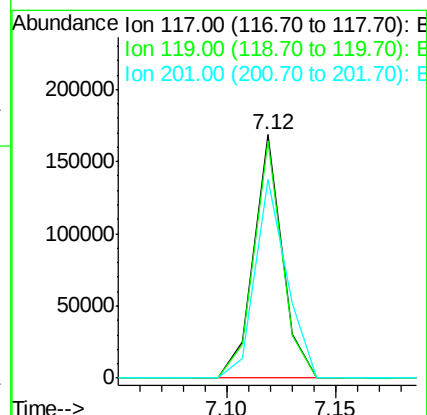
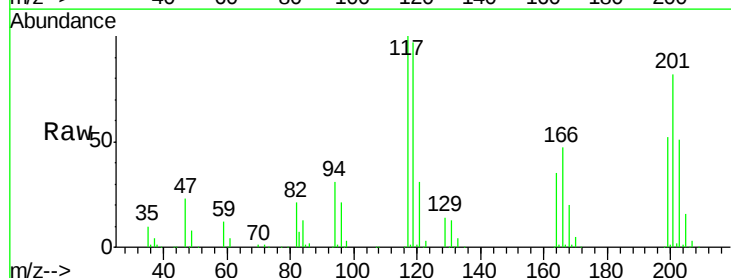
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#18
Hexachloroethane
Concen: 35.67 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF085017.D
Acq: 11 Feb 2016 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.5	77.4	116.0	
201	81.6	68.6	103.0	





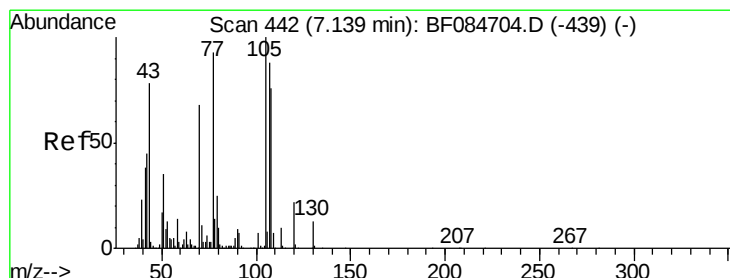
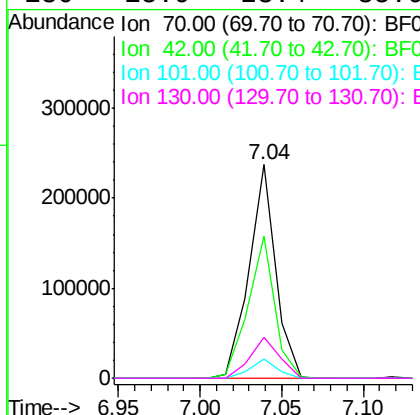
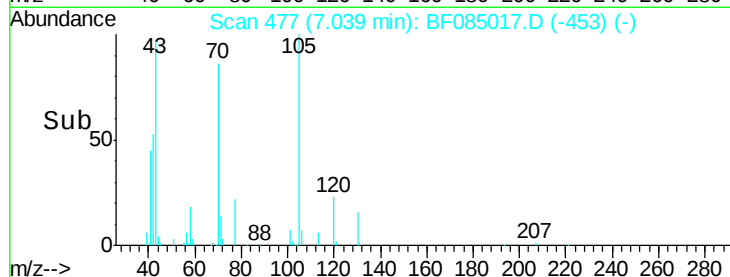
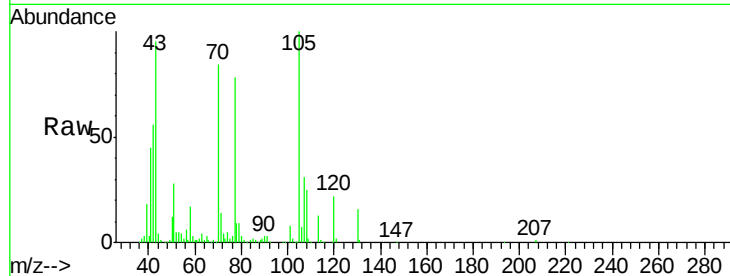
#19
n-Nitroso-di-n-propylamine
Concen: 37.02 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.02 min
Lab File: BF085017.D
Acq: 11 Feb 2016 14:25

Instrument :
BNA_F
ClientSampleId :
PB88282BSD

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	268955		
42	66.4	33.3	49.9#	
101	9.0	9.3	13.9#	
130	18.9	23.4	35.0#	

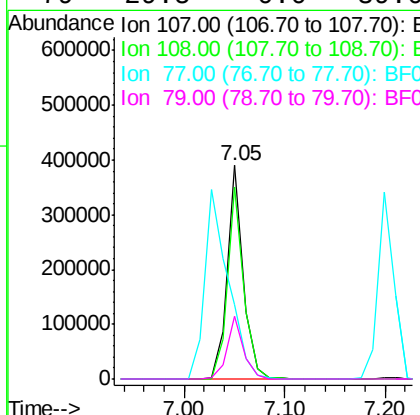
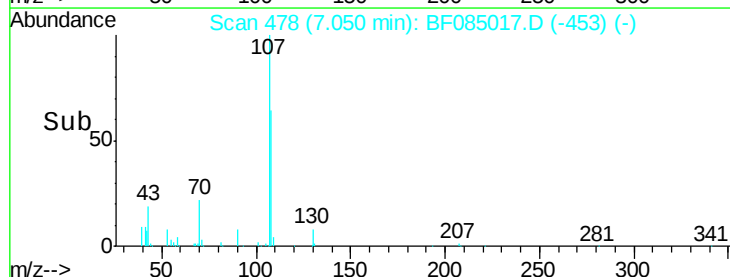
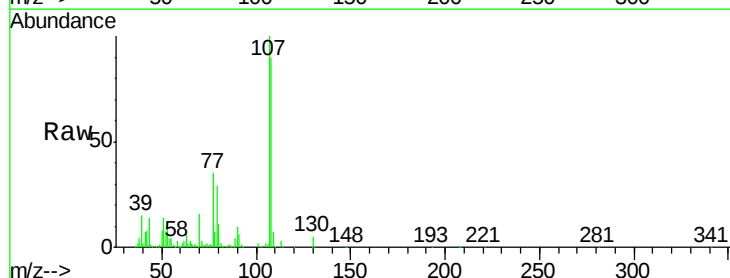
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#20
3+4-Methylphenols
Concen: 41.49 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.01 min
Lab File: BF085017.D
Acq: 11 Feb 2016 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	430994		
108	89.9	74.6	114.6	
77	34.7	0.7	40.7	
79	29.5	0.0	39.0	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 552

Delta R.T. -0.02 min

Lab File: BF085017.D

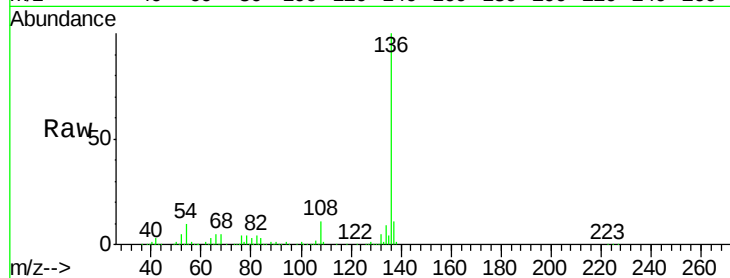
Acq: 11 Feb 2016 14:25

Instrument :

BNA_F

ClientSampleId :

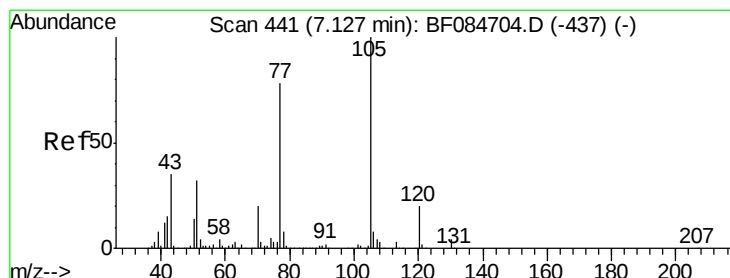
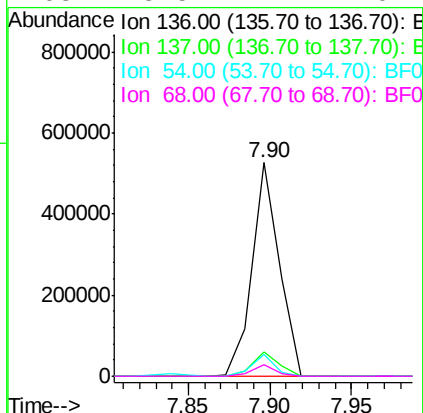
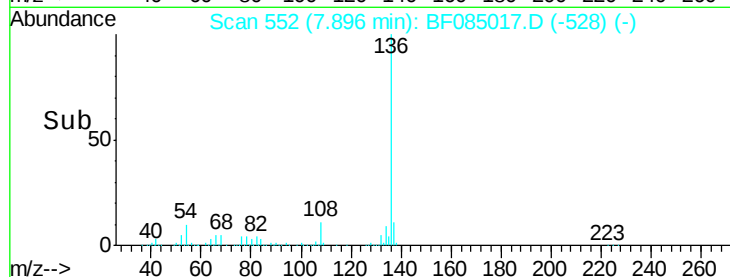
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Tgt Ion	Ratio	Resp Lower	Upper
136	100		
137	11.4	8.7	13.1
54	10.2	5.8	8.8#
68	5.5	4.2	6.2

Manual Integrations
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#22

Acetophenone

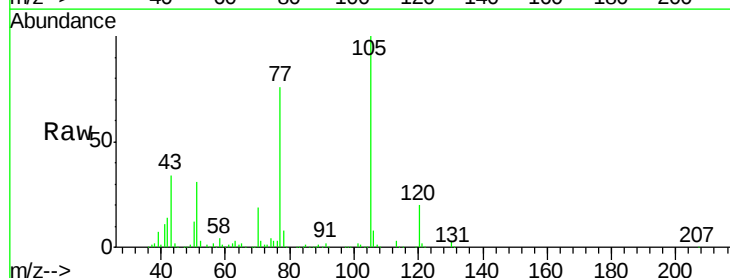
Concen: 35.58 ng

RT: 7.03 min Scan# 476

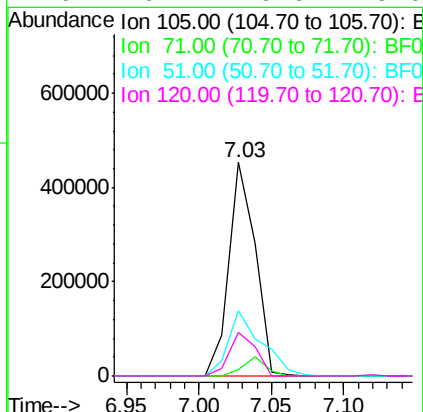
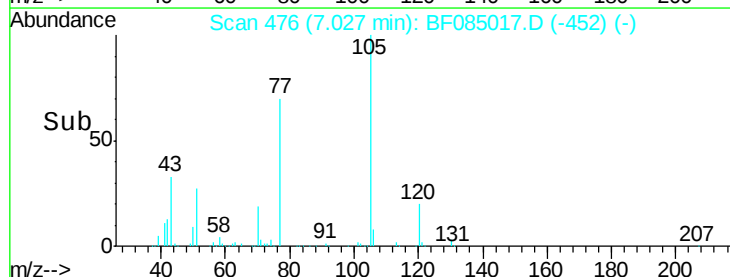
Delta R.T. -0.02 min

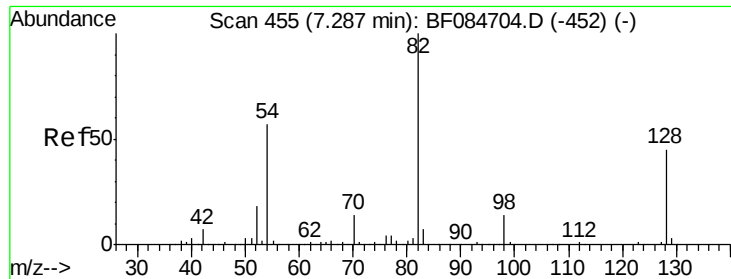
Lab File: BF085017.D

Acq: 11 Feb 2016 14:25



Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	3.1	3.7	5.5#
51	30.7	25.1	37.7
120	20.1	16.6	25.0





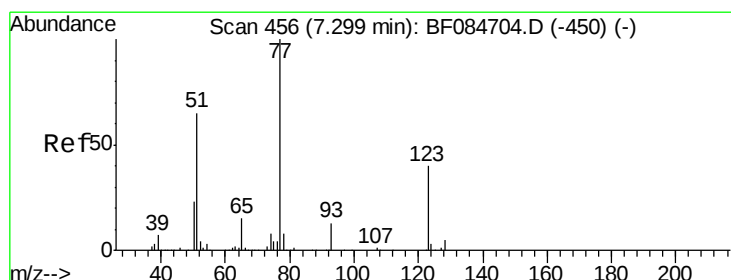
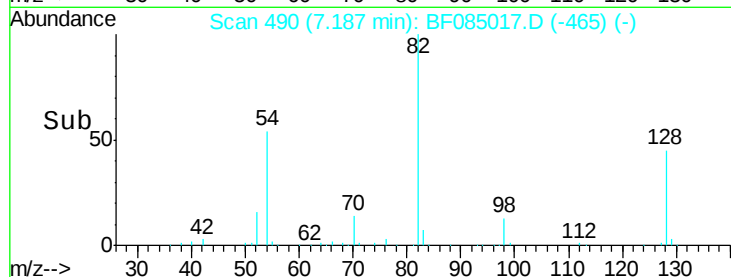
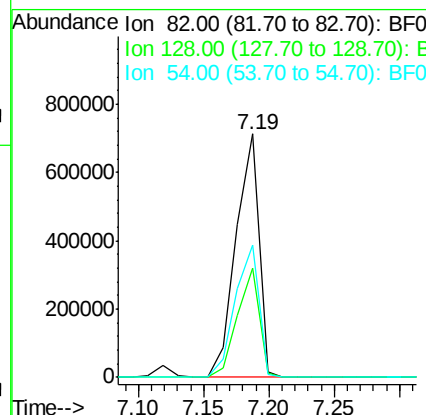
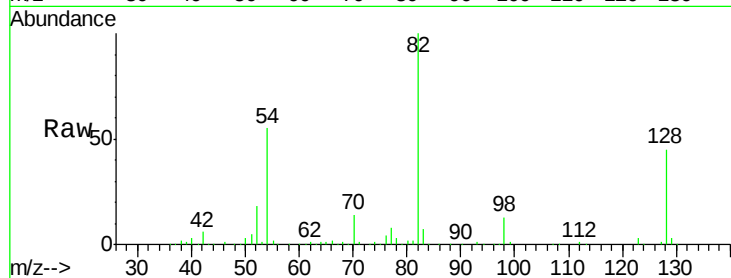
#23
Nitrobenzene-d5
Concen: 80.35 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.01 min
Lab File: BF085017.D
Acq: 11 Feb 2016 14:25

Instrument :
BNA_F
ClientSampleId :
PB88282BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	45.0	34.6	51.8
54	54.5	38.4	57.6

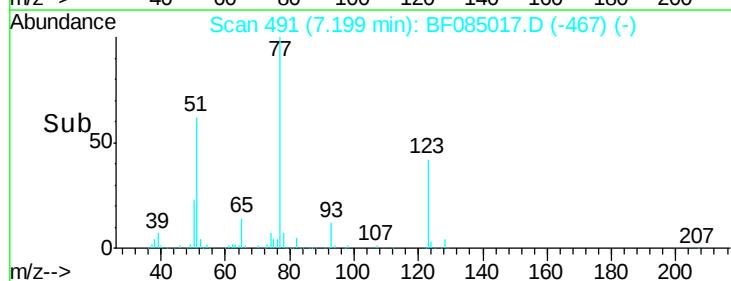
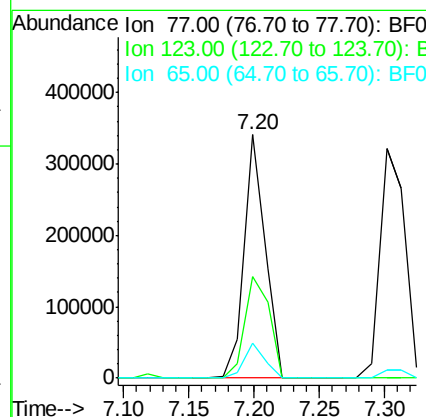
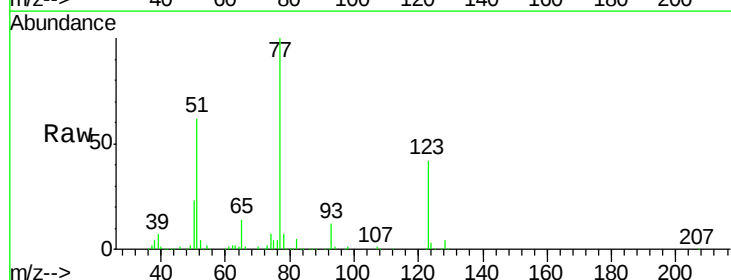
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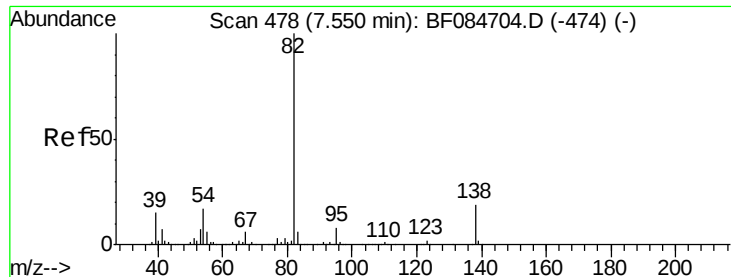
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#24
Nitrobenzene
Concen: 32.85 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.02 min
Lab File: BF085017.D
Acq: 11 Feb 2016 14:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
77	100		
123	41.6	37.4	56.2
65	14.4	10.9	16.3





#25

Isophorone

Concen: 37.10 ng

RT: 7.45 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF085017.D

Acq: 11 Feb 2016 14:25

Instrument :

BNA_F

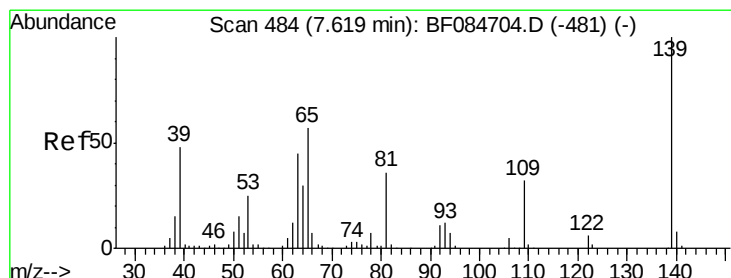
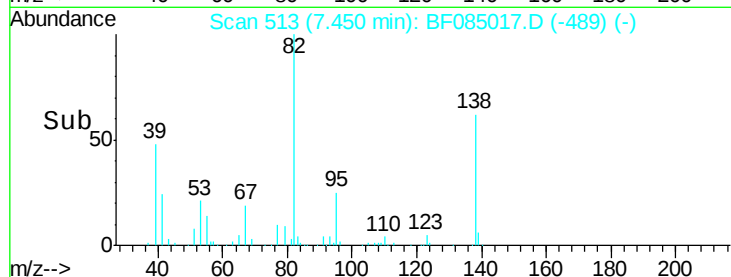
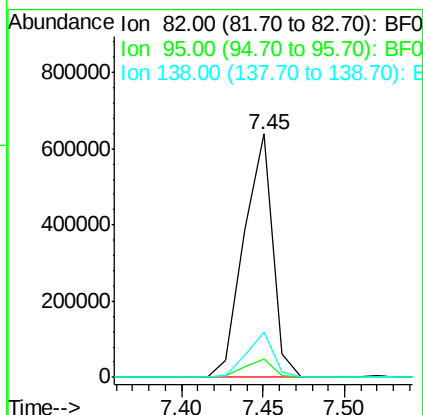
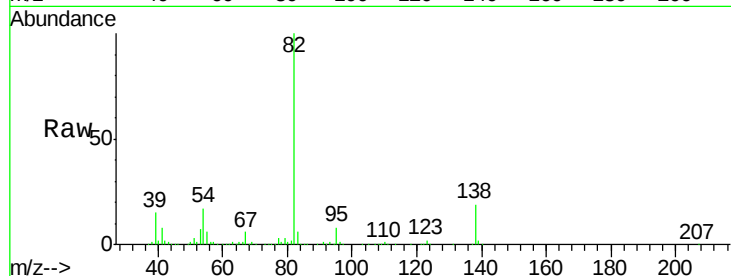
ClientSampleId :

PB88282BSD

Tgt Ion:	82	Resp:	779880
Ion Ratio	Lower	Upper	
82	100		
95	7.6	6.6	10.0
138	18.6	13.6	20.4

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#26

2-Nitrophenol

Concen: 36.00 ng

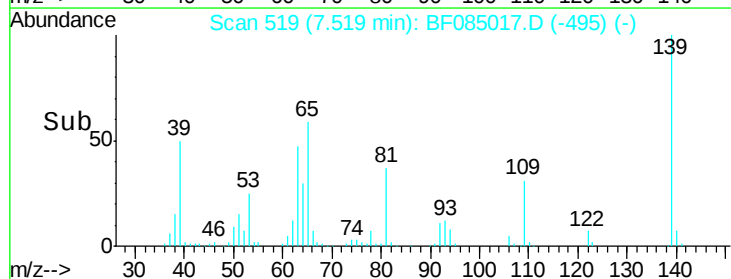
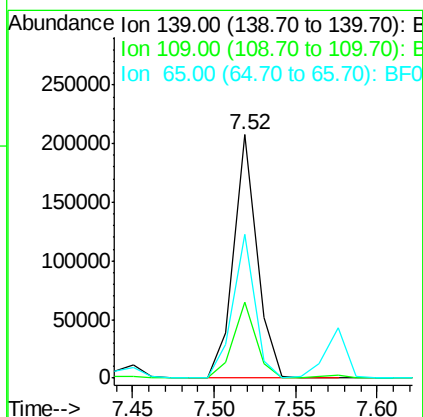
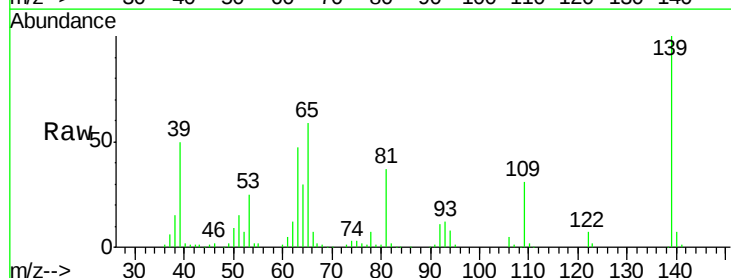
RT: 7.52 min Scan# 519

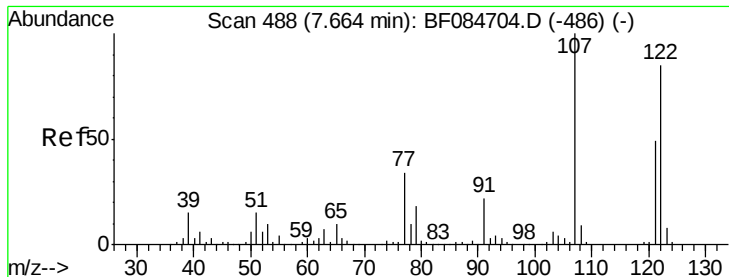
Delta R.T. -0.02 min

Lab File: BF085017.D

Acq: 11 Feb 2016 14:25

Tgt Ion:	139	Resp:	205514
Ion Ratio	Lower	Upper	
139	100		
109	31.3	25.4	38.2
65	59.2	32.3	48.5#





#27

2,4-Dimethylphenol

Concen: 38.43 ng

RT: 7.58 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF085017.D

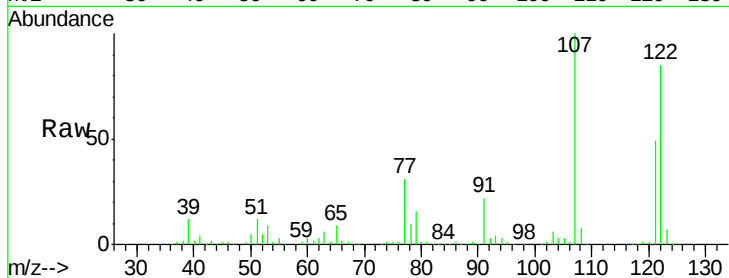
Acq: 11 Feb 2016 14:25

Instrument :

BNA_F

ClientSampleId :

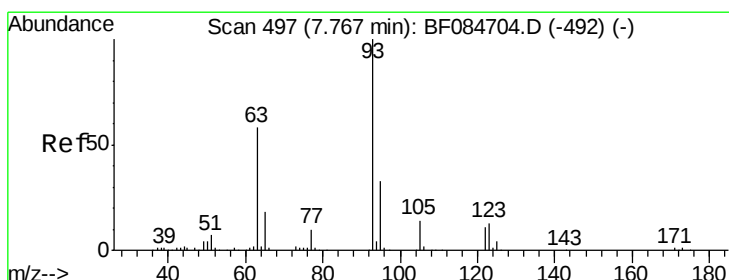
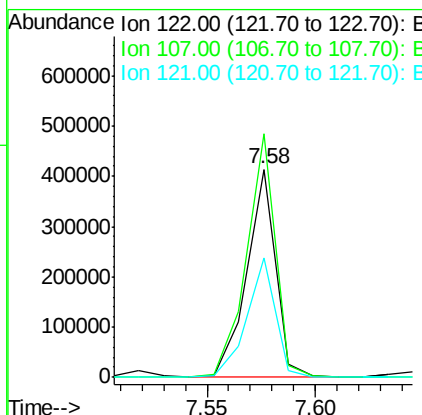
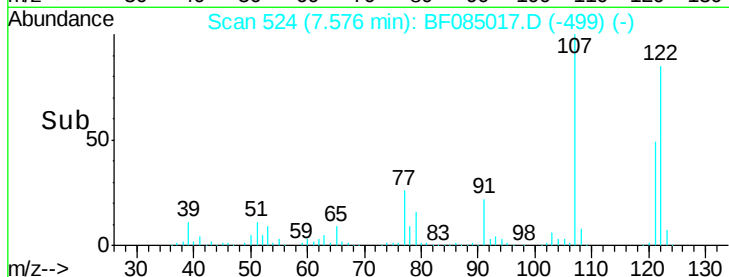
PB88282BSD



Tgt Ion:	122	Resp:	381622
Ion Ratio	Lower	Upper	
122	100		
107	117.0	99.1	148.7
121	57.6	47.9	71.9

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#28

bis(2-Chloroethoxy)methane

Concen: 40.69 ng

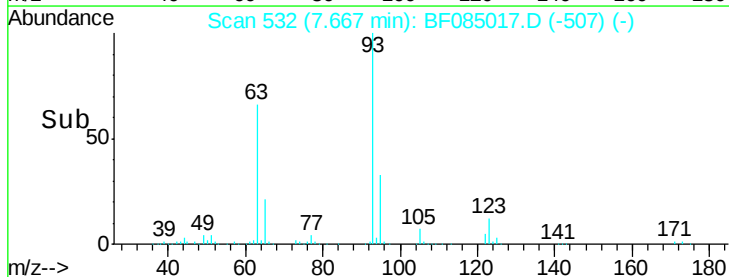
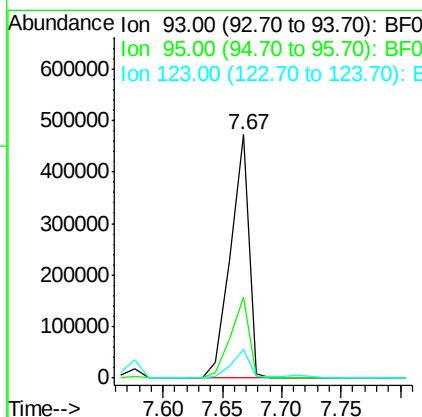
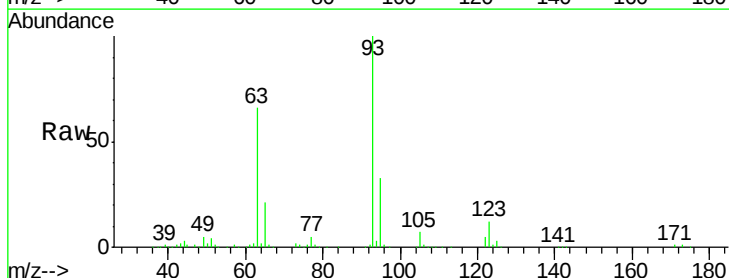
RT: 7.67 min Scan# 532

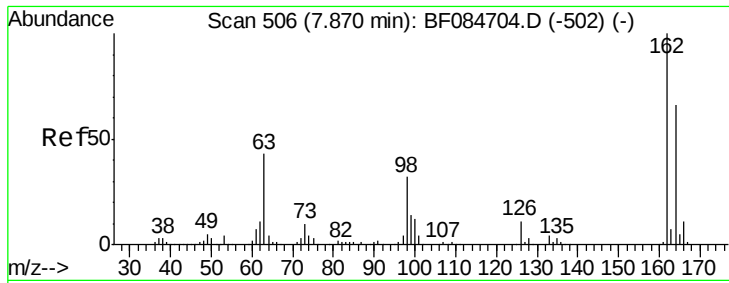
Delta R.T. -0.01 min

Lab File: BF085017.D

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Tgt Ion:	93	Resp:	507347
Ion Ratio	Lower	Upper	
93	100		
95	33.2	25.8	38.6
123	11.7	8.6	12.8





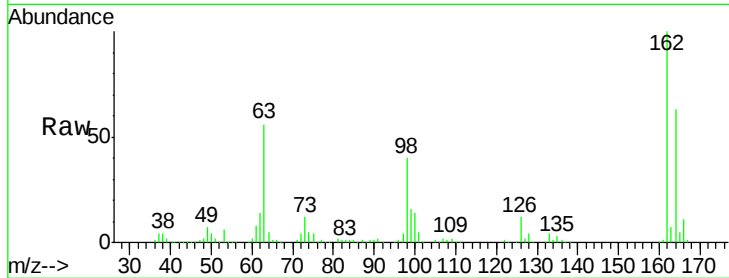
#29
2,4-Dichlorophenol
Concen: 41.44 ng
RT: 7.77 min Scan# 541
Delta R.T. -0.01 min
Lab File: BF085017.D
Acq: 11 Feb 2016 14:25

Instrument :
BNA_F
ClientSampleId :
PB88282BSD

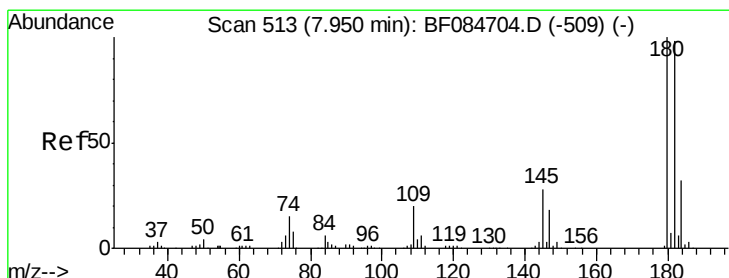
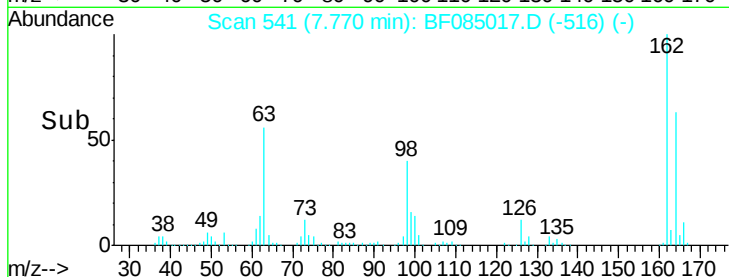
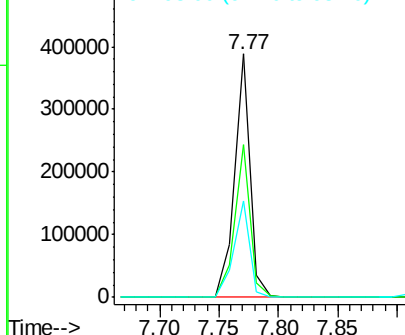
Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	62.7	44.1	84.1
98	39.8	20.2	60.2

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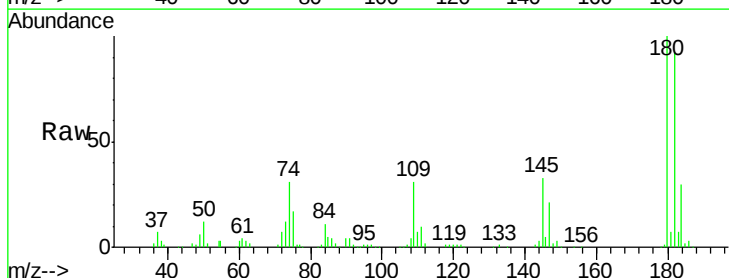


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

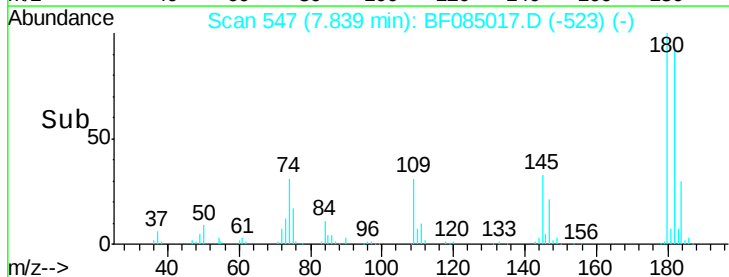
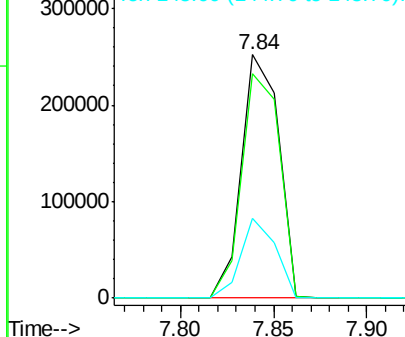


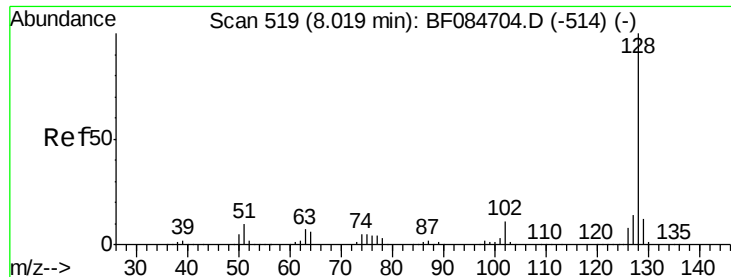
#30
1,2,4-Trichlorobenzene
Concen: 36.39 ng
RT: 7.84 min Scan# 547
Delta R.T. -0.02 min
Lab File: BF085017.D
Acq: 11 Feb 2016 14:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	92.4	76.4	114.6
145	32.9	31.6	47.4



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





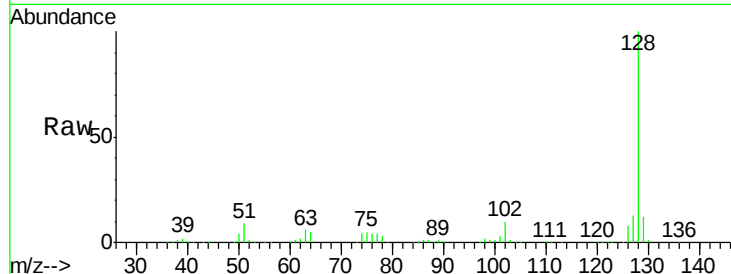
#31
Naphthalene
Concen: 35.52 ng
RT: 7.92 min Scan# 554
Delta R.T. -0.02 min
Lab File: BF085017.D
Acq: 11 Feb 2016 14:25

Instrument :
BNA_F
ClientSampleId :
PB88282BSD

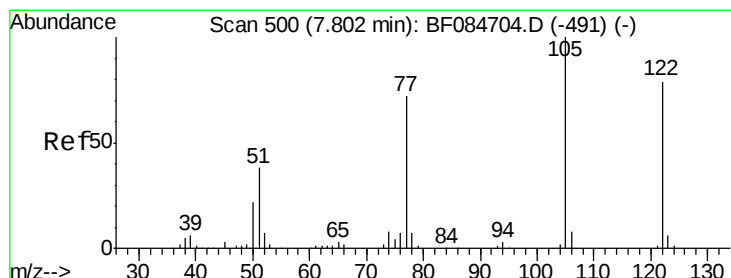
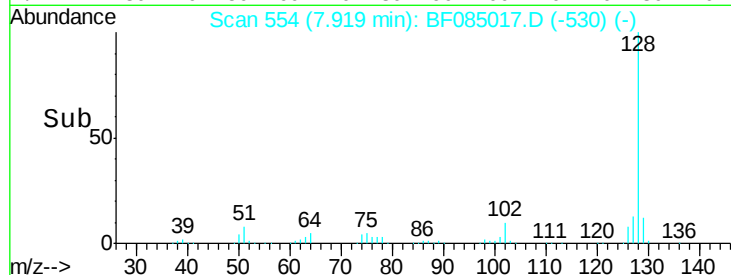
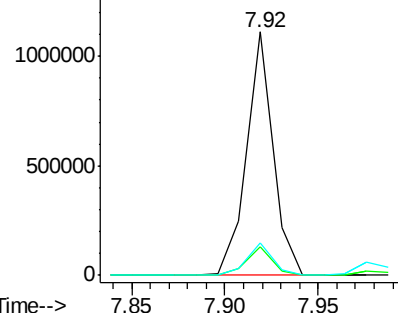
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.1	13.7
127	13.3	11.1	16.7

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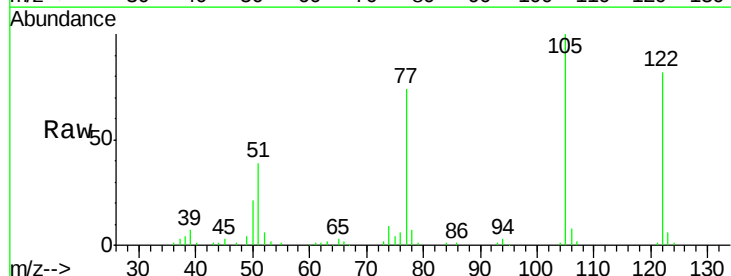


Abundance Ion 128.00 (127.70 to 128.70): E
1500000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

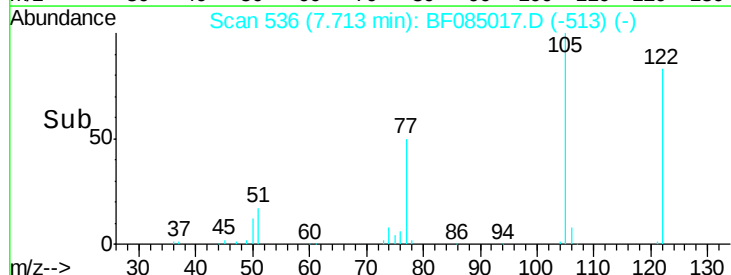
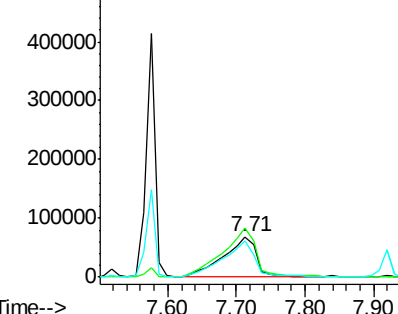


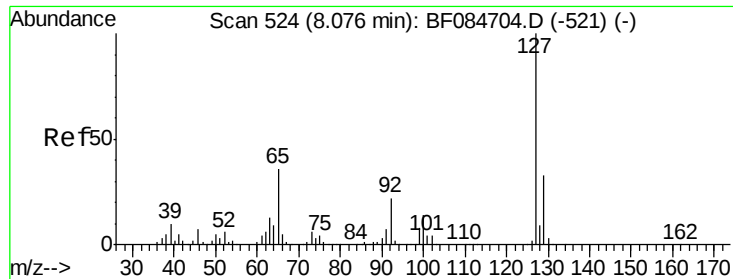
#32
Benzoic acid
Concen: 35.42 ng
RT: 7.71 min Scan# 536
Delta R.T. -0.03 min
Lab File: BF085017.D
Acq: 11 Feb 2016 14:25

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.3	100.3	140.3
77	90.6	63.5	103.5



Abundance Ion 122.00 (121.70 to 122.70): E
500000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





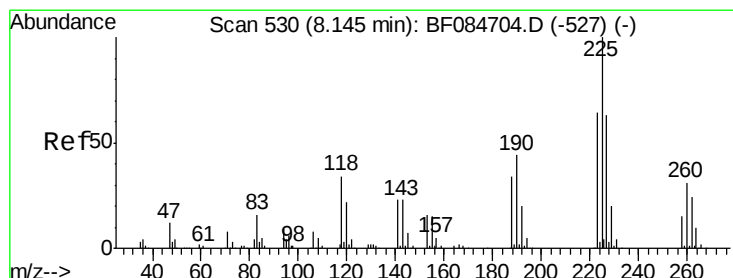
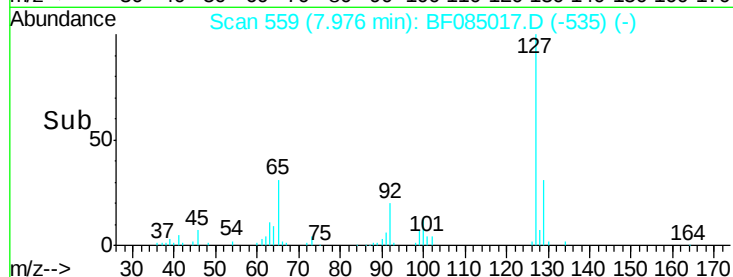
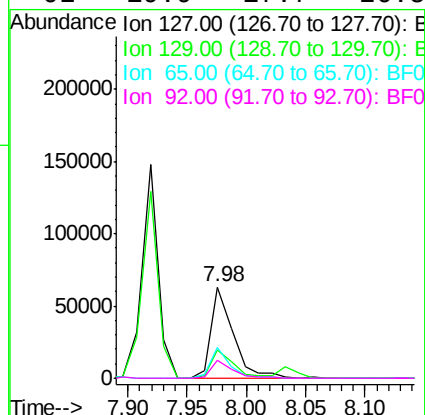
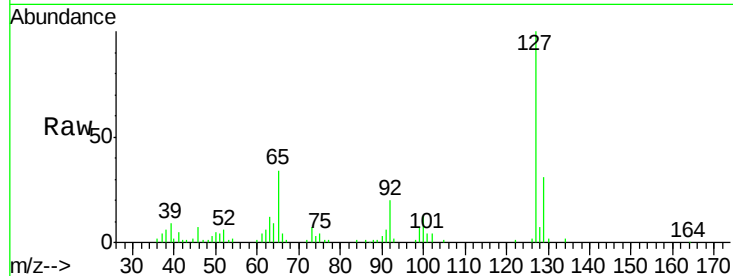
#33
4-Chloroaniline
Concen: 6.50 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.02 min
Lab File: BF085017.D
Acq: 11 Feb 2016 14:25

Instrument :
BNA_F
ClientSampleId :
PB88282BSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	82087		
129	31.3	26.5	39.7	
65	34.0	27.2	40.8	
92	19.9	17.7	26.5	

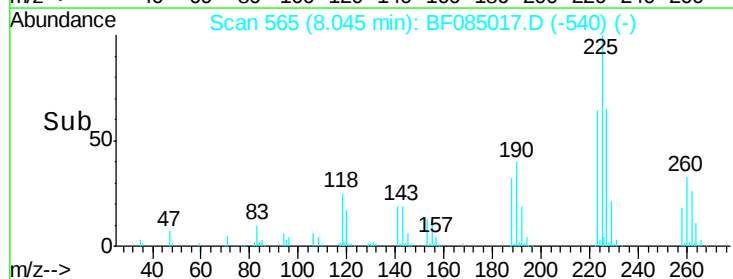
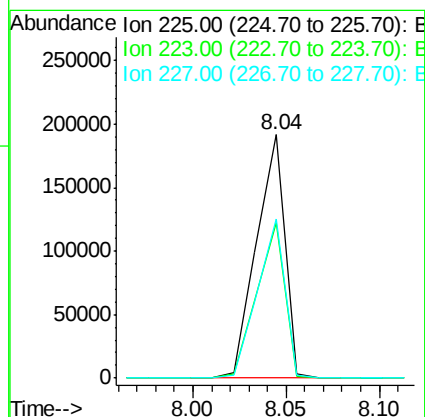
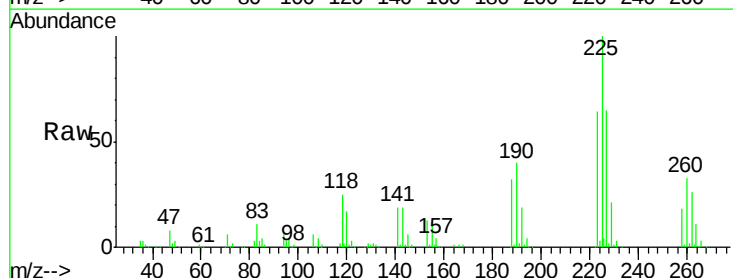
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#34
Hexachlorobutadiene
Concen: 36.98 ng
RT: 8.04 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF085017.D
Acq: 11 Feb 2016 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	204623		
223	63.6	49.4	74.0	
227	65.4	50.8	76.2	





#35

Caprolactam

Concen: 43.22 ng m

RT: 8.36 min Scan# 593

Delta R.T. -0.02 min

Lab File: BF085017.D

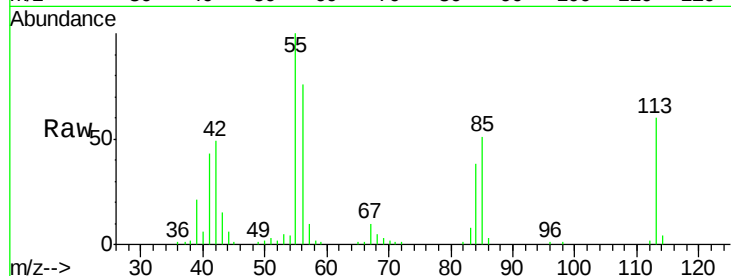
Acq: 11 Feb 2016 14:25

Instrument :

BNA_F

ClientSampleId :

PB88282BSD



Tgt Ion:113 Resp: 113176

Ion Ratio Lower Upper

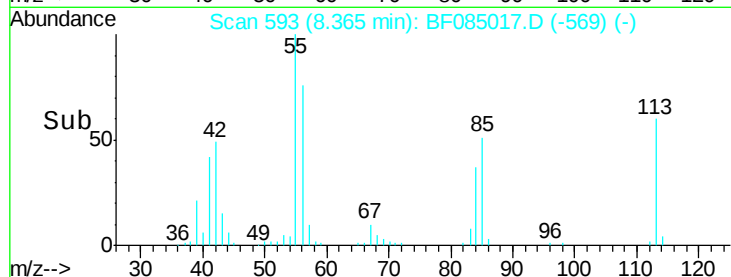
113 100

55 167.9 116.9 156.9#

56 126.8 93.8 133.8

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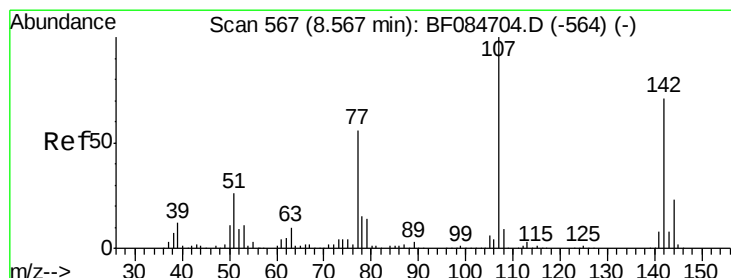
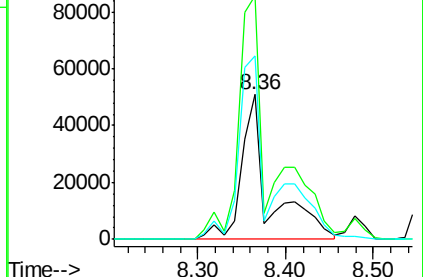
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 37.65 ng

RT: 8.48 min Scan# 603

Delta R.T. -0.01 min

Lab File: BF085017.D

Acq: 11 Feb 2016 14:25

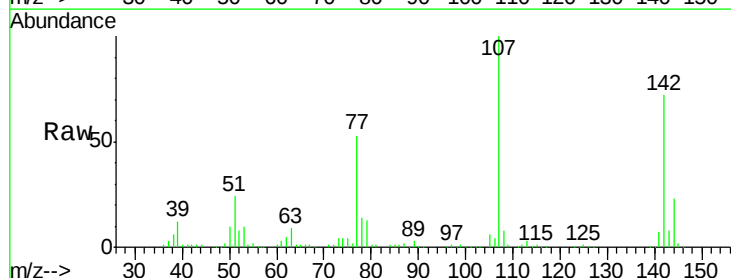
Tgt Ion:107 Resp: 364909

Ion Ratio Lower Upper

107 100

144 22.9 19.7 29.5

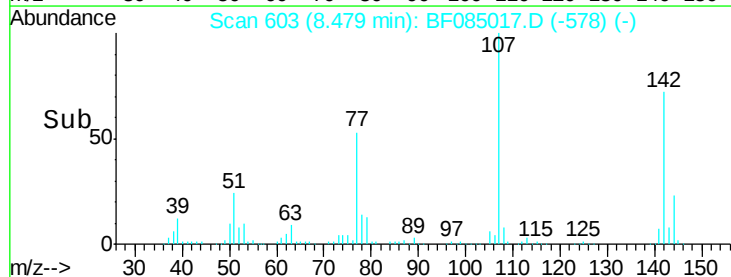
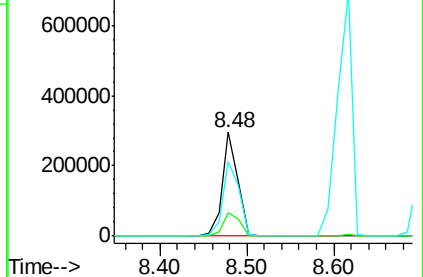
142 72.0 61.8 92.6

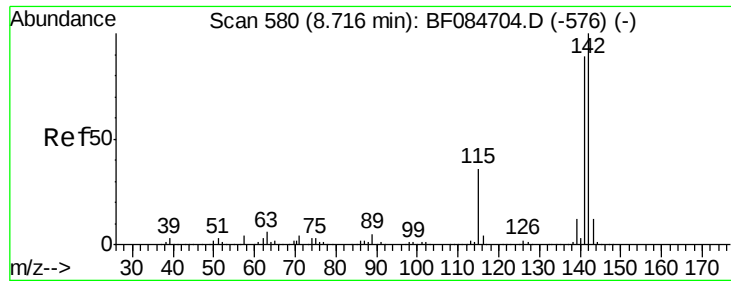


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





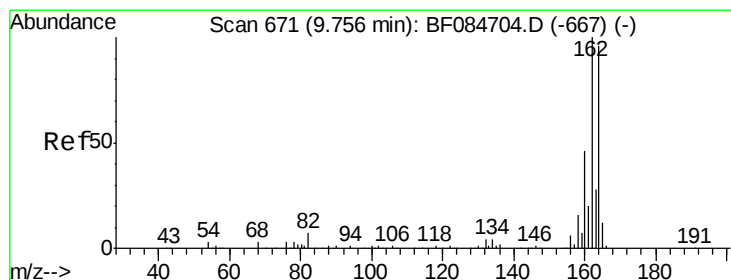
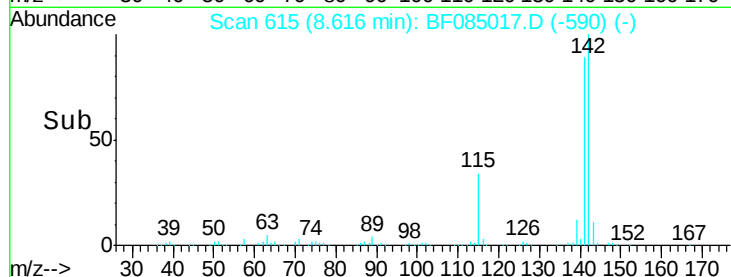
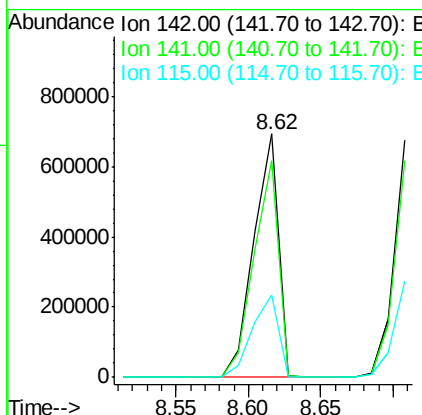
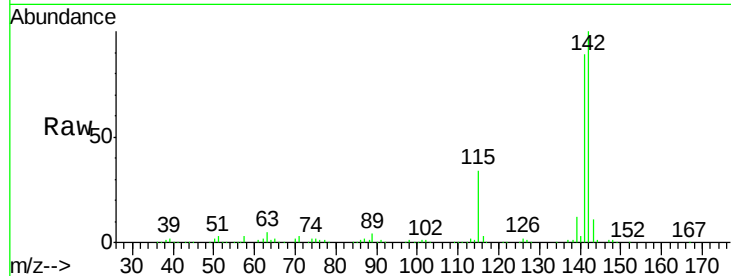
#37
2-Methylnaphthalene
Concen: 42.92 ng
RT: 8.62 min Scan# 615
Delta R.T. -0.01 min
Lab File: BF085017.D
Acq: 11 Feb 2016 14:25

Instrument :
BNA_F
ClientSampleId :
PB88282BSD

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	820452		
141	88.8	72.4	108.6	
115	33.6	27.9	41.9	

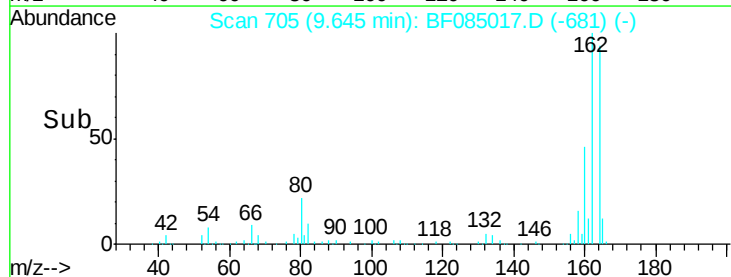
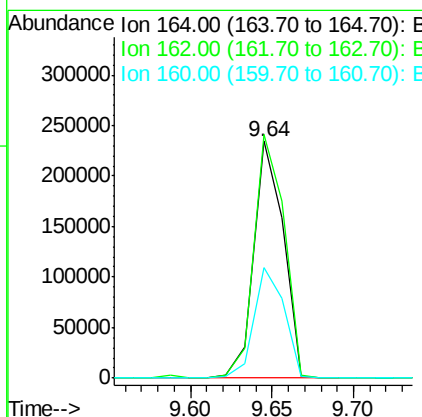
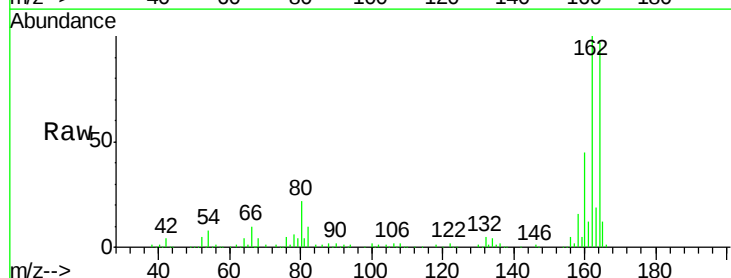
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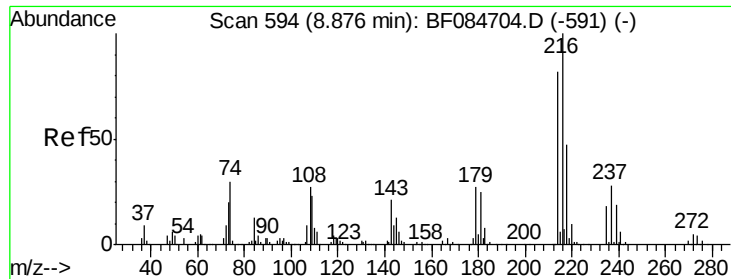
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.02 min
Lab File: BF085017.D
Acq: 11 Feb 2016 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	293995		
162	102.8	85.1	127.7	
160	46.7	37.5	56.3	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.99 ng

RT: 8.78 min Scan# 629

Delta R.T. -0.02 min

Lab File: BF085017.D

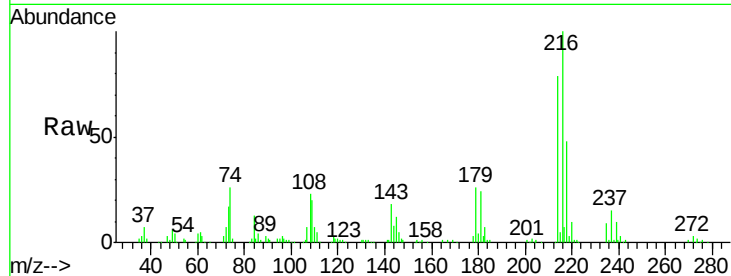
Acq: 11 Feb 2016 14:25

Instrument :

BNA_F

ClientSampleId :

PB88282BSD



Tgt Ion: 216 Resp: 307998

Ion Ratio Lower Upper

216 100

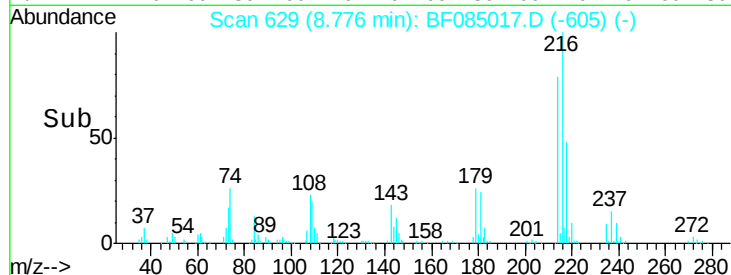
214 78.0 64.2 96.2

179 22.9 18.7 28.1

108 22.4 16.8 25.2

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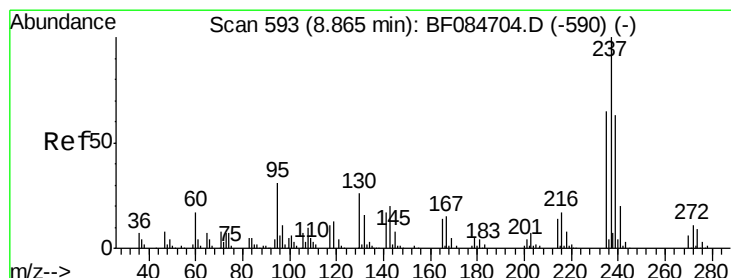
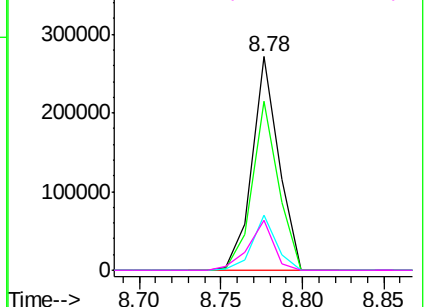


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 69.90 ng

RT: 8.76 min Scan# 628

Delta R.T. -0.01 min

Lab File: BF085017.D

Acq: 11 Feb 2016 14:25

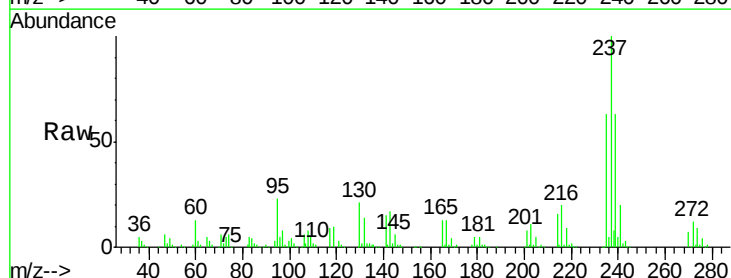
Tgt Ion: 237 Resp: 273160

Ion Ratio Lower Upper

237 100

235 63.5 43.1 83.1

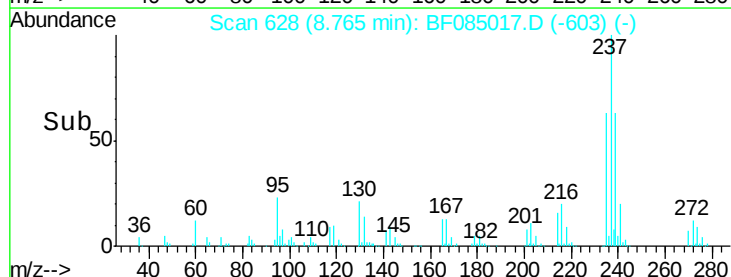
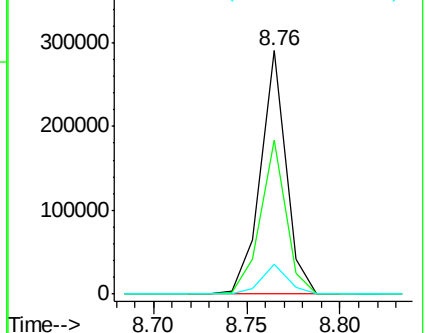
272 12.0 0.0 35.1

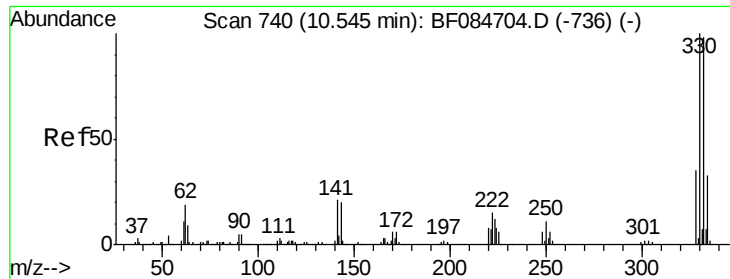


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





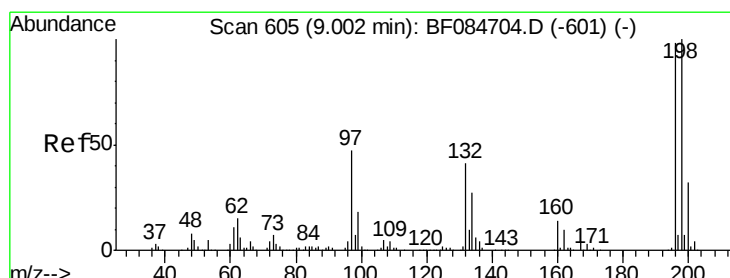
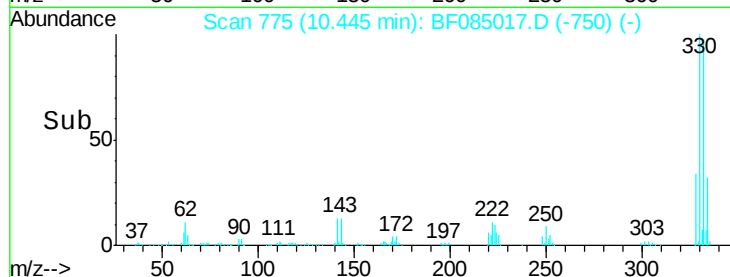
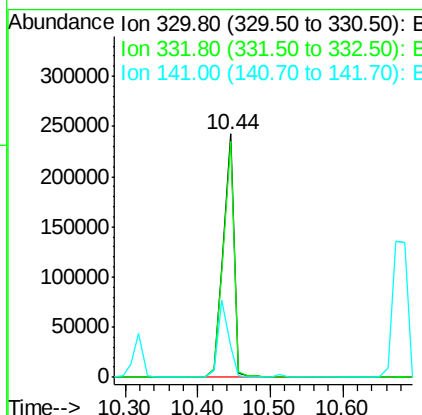
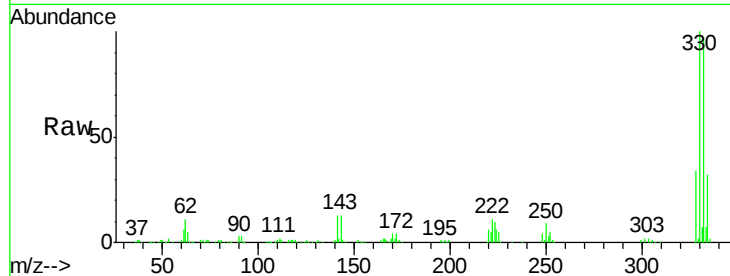
#41
 2,4,6-Tribromophenol
 Concen: 83.58 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF085017.D
 Acq: 11 Feb 2016 14:25

Instrument :
 BNA_F
 ClientSampleId :
 PB88282BSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	256295		
332	97.2	76.6	114.8	
141	31.8	27.8	41.6	

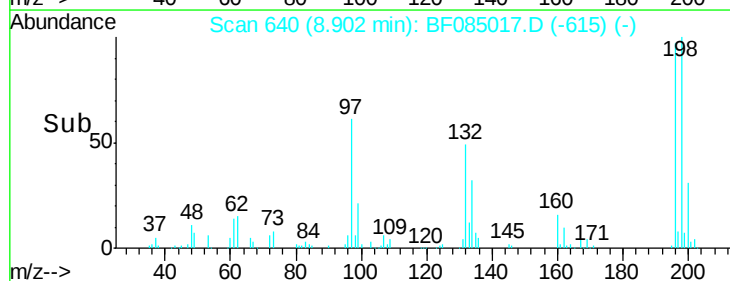
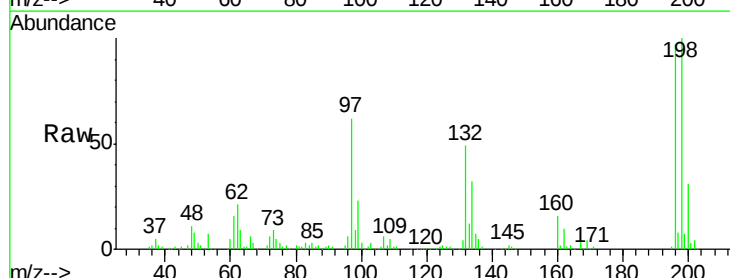
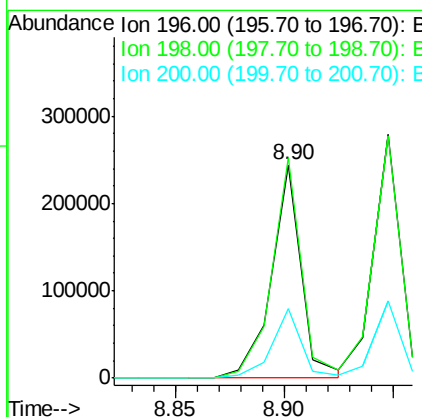
Manual Integrations
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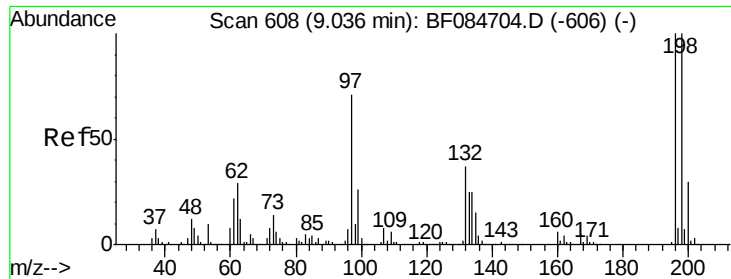
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#42
 2,4,6-Trichlorophenol
 Concen: 39.35 ng
 RT: 8.90 min Scan# 640
 Delta R.T. -0.01 min
 Lab File: BF085017.D
 Acq: 11 Feb 2016 14:25

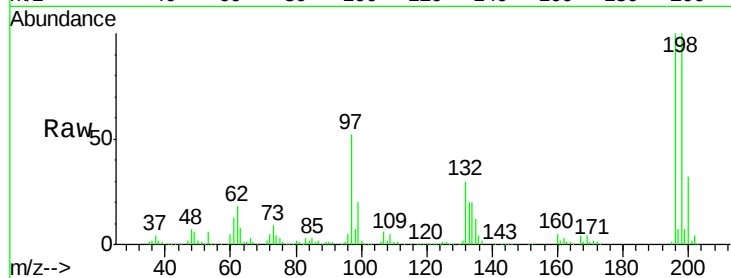
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	236710		
198	103.5	77.7	116.5	
200	32.4	24.6	37.0	





#43
 2,4,5-Trichlorophenol
 Concen: 39.82 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.01 min
 Lab File: BF085017.D
 Acq: 11 Feb 2016 14:25

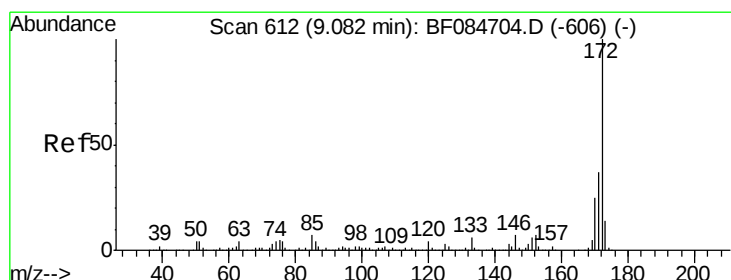
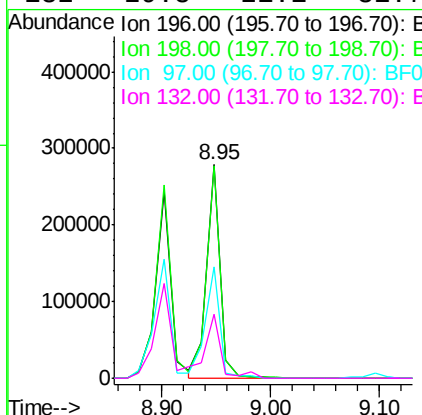
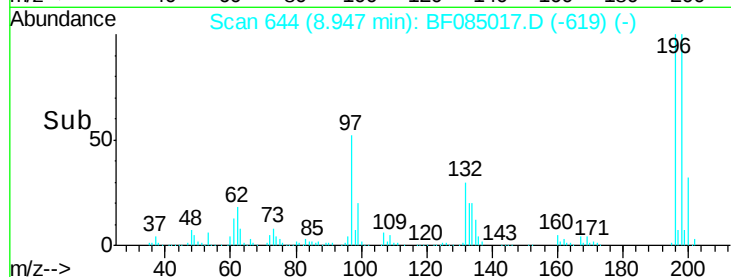
Instrument :
 BNA_F
 ClientSampled :
 PB88282BSD



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	243362		
198	99.6	79.0	118.6	
97	52.1	33.0	49.6	
132	29.8	21.1	31.7	

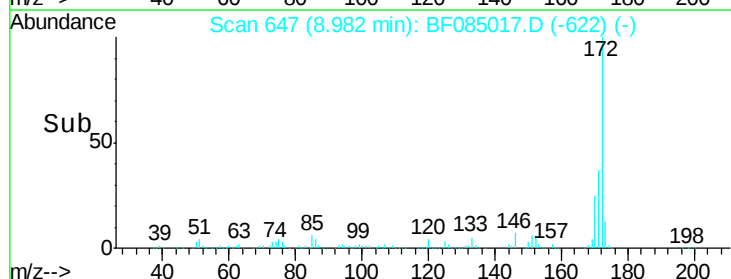
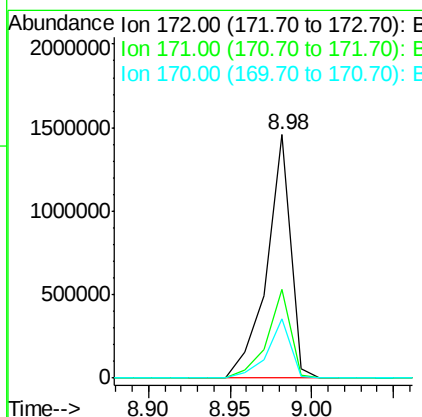
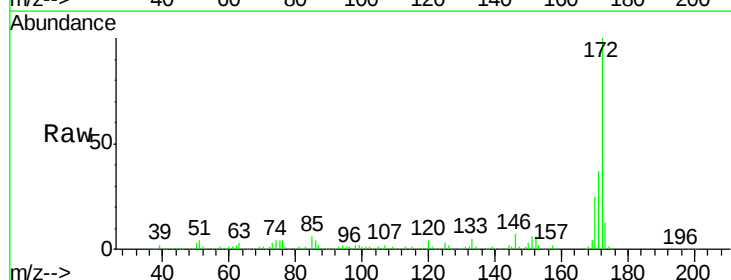
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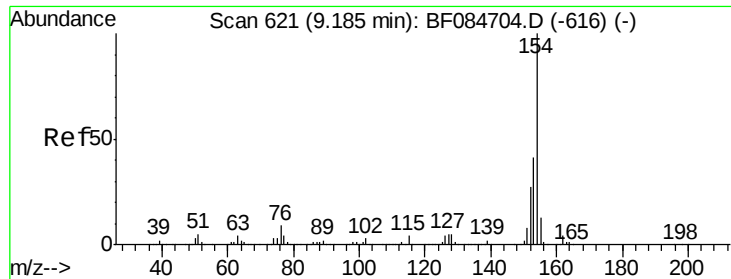
Sohil
 2/12/2016 12:26:07 PM



#44
 2-Fluorobiphenyl
 Concen: 85.27 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.01 min
 Lab File: BF085017.D
 Acq: 11 Feb 2016 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1487231		
171	36.6	28.9	43.3	
170	24.6	18.6	27.8	





#45

1,1'-Biphenyl

Concen: 34.70 ng

RT: 9.07 min Scan# 655

Delta R.T. -0.02 min

Lab File: BF085017.D

Acq: 11 Feb 2016 14:25

Instrument :

BNA_F

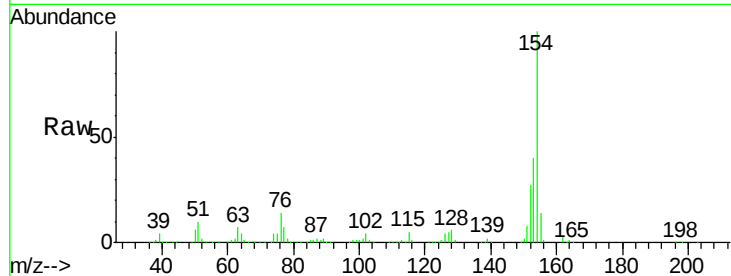
ClientSampleId :

PB88282BSD

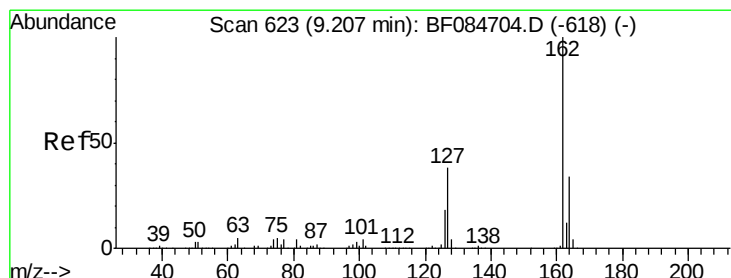
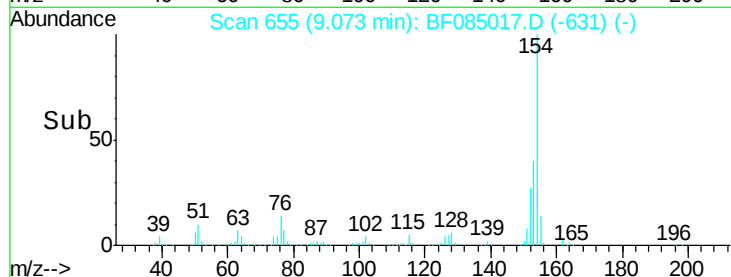
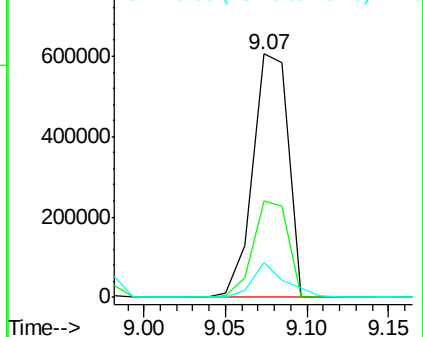
Tgt Ion:	154	Resp:	911130
Ion Ratio		Lower	Upper
154	100		
153	39.7	21.6	61.6
76	14.2	0.0	32.7

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



#46

2-Chloronaphthalene

Concen: 34.36 ng

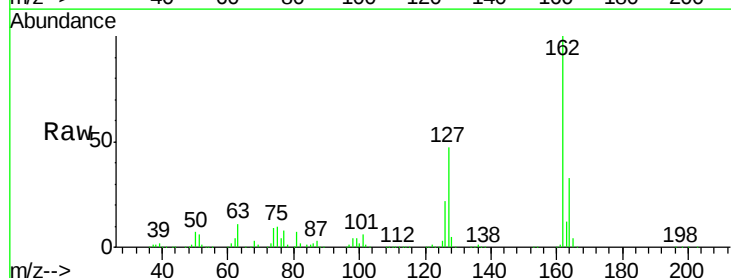
RT: 9.10 min Scan# 657

Delta R.T. -0.02 min

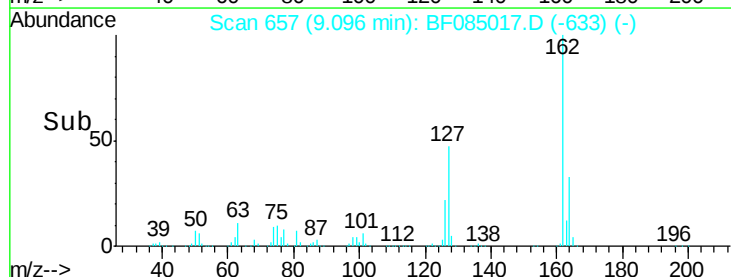
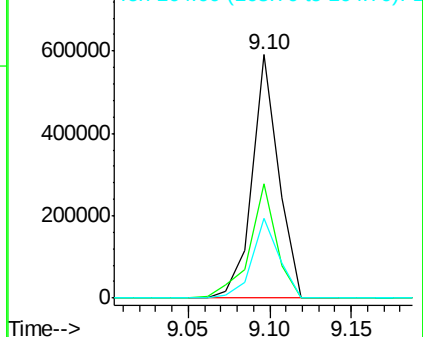
Lab File: BF085017.D

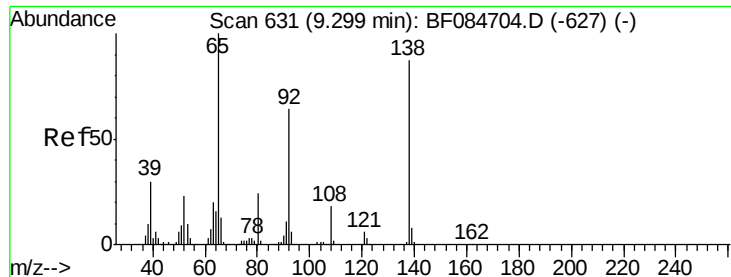
Acq: 11 Feb 2016 14:25

Tgt Ion:	162	Resp:	664407
Ion Ratio		Lower	Upper
162	100		
127	46.8	40.2	60.4
164	32.7	25.7	38.5



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





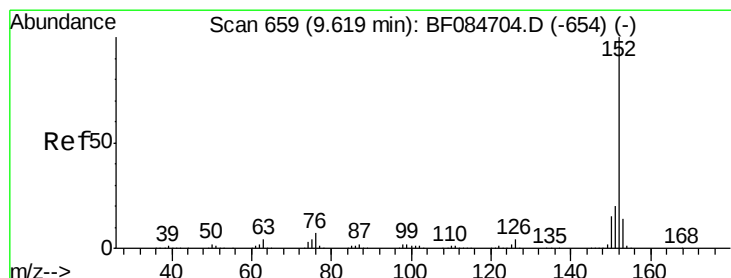
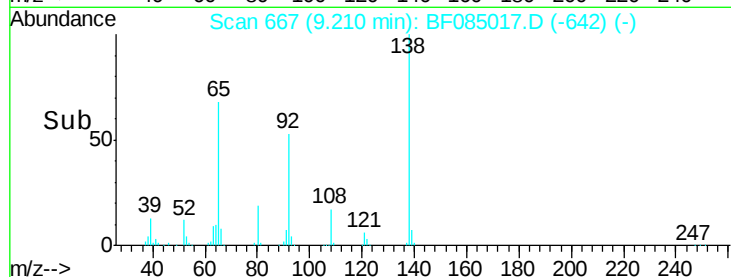
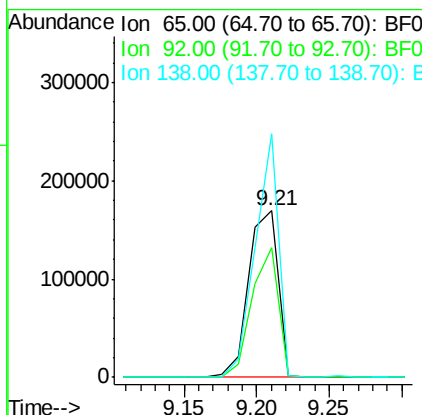
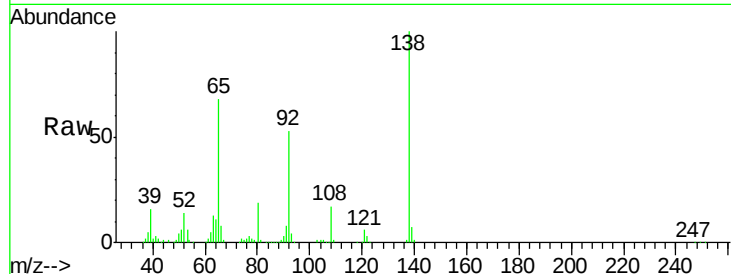
#47
2-Nitroaniline
Concen: 38.92 ng
RT: 9.21 min Scan# 667
Delta R.T. -0.01 min
Lab File: BF085017.D
Acq: 11 Feb 2016 14:25

Instrument :
BNA_F
ClientSampleId :
PB88282BSD

Tgt Ion	Ratio	Lower	Upper
65	100		
92	77.5	53.4	80.2
138	146.0	71.1	106.7

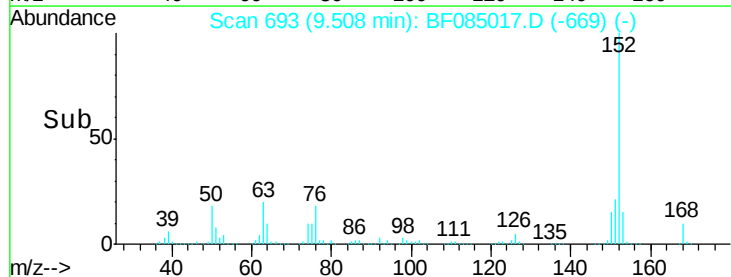
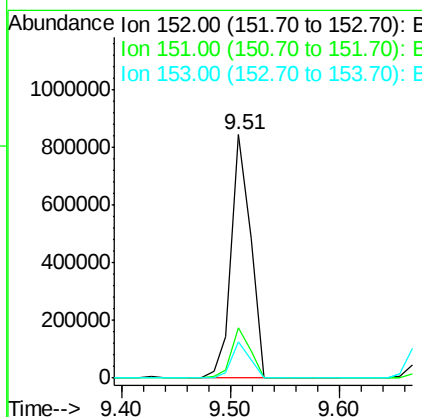
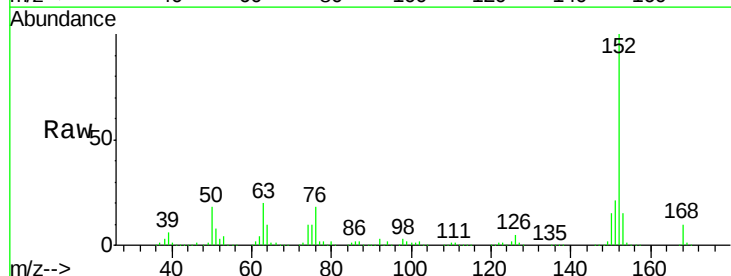
Manual Integrations
APPROVED

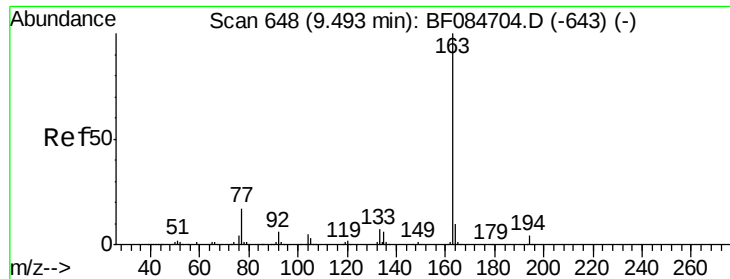
Sohil
2/12/2016 12:26:07 PM



#48
Acenaphthylene
Concen: 34.93 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.02 min
Lab File: BF085017.D
Acq: 11 Feb 2016 14:25

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.3	24.5
153	14.7	10.4	15.6





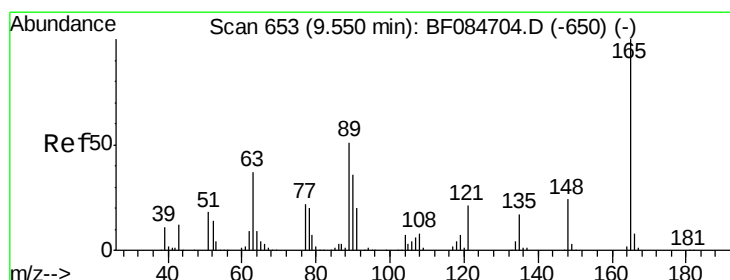
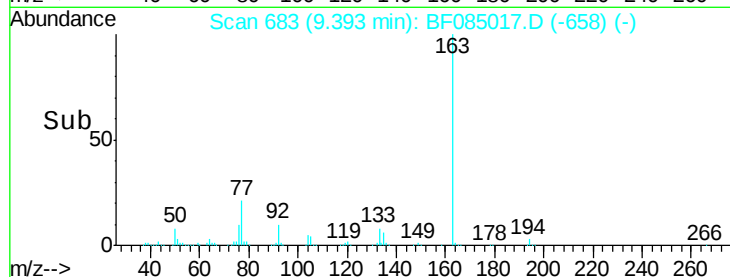
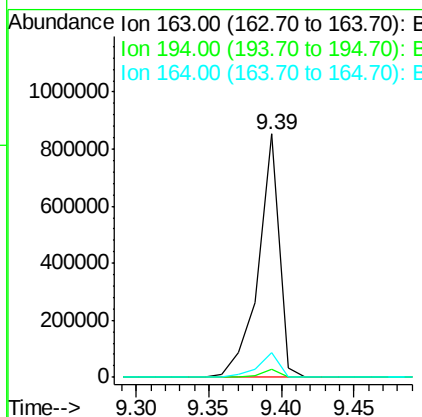
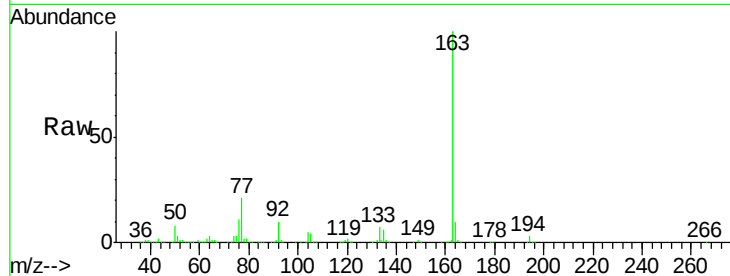
#49
Dimethylphthalate
Concen: 38.10 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF085017.D
Acq: 11 Feb 2016 14:25

Instrument :
BNA_F
ClientSampleId :
PB88282BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.1	8.0	12.0#
164	10.4	8.0	12.0

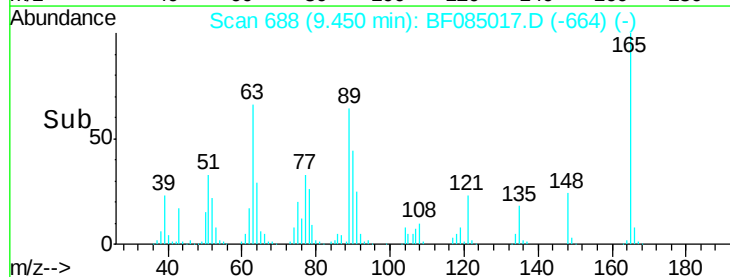
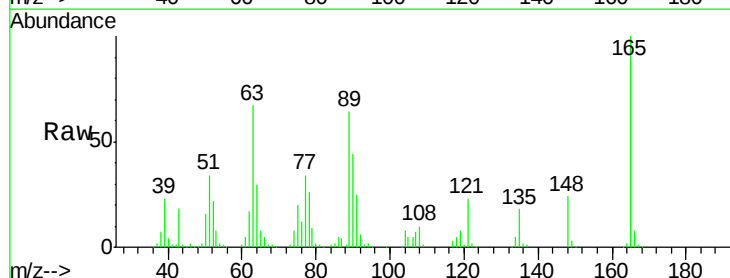
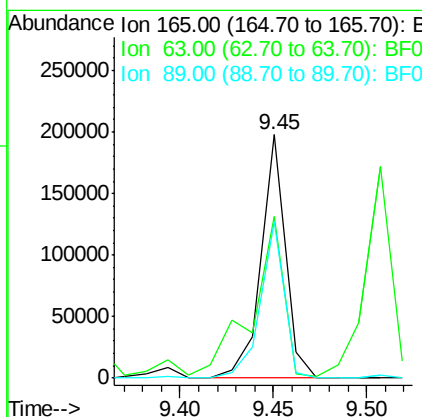
Manual Integrations
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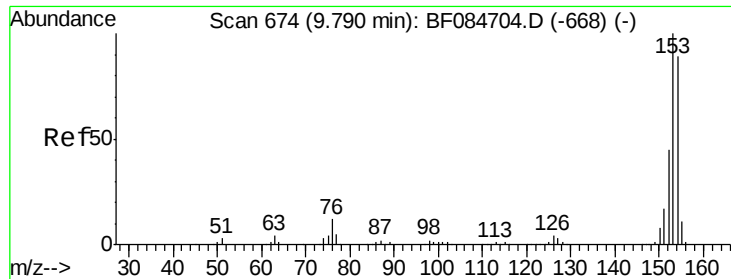
Sohil
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#50
2,6-Dinitrotoluene
Concen: 36.52 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.02 min
Lab File: BF085017.D
Acq: 11 Feb 2016 14:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	66.7	28.8	43.2#
89	64.3	35.1	52.7#





#51

Acenaphthene

Concen: 33.95 ng

RT: 9.68 min Scan# 708

Delta R.T. -0.02 min

Lab File: BF085017.D

Acq: 11 Feb 2016 14:25

Instrument :

BNA_F

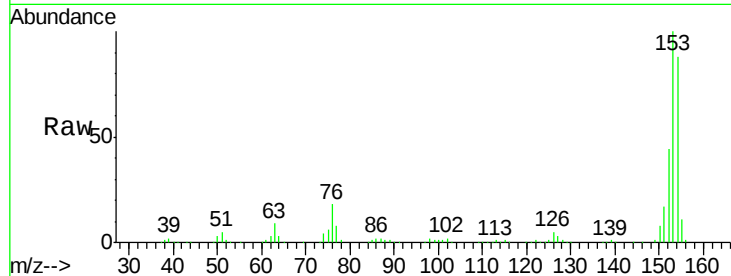
ClientSampleId :

PB88282BSD

Manual Integrations
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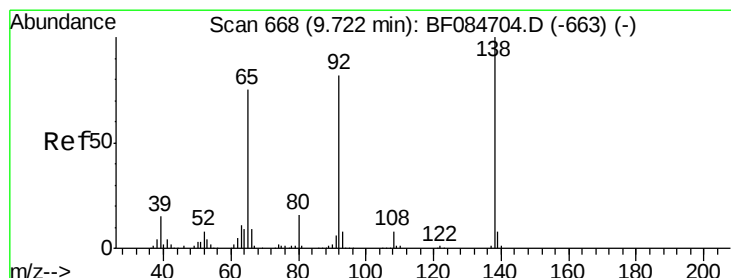
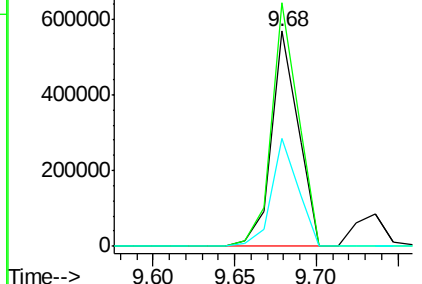
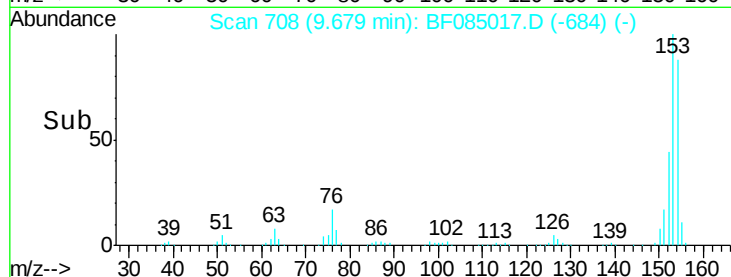
Tgt Ion:	154	Resp:	648098
Ion Ratio	Lower	Upper	
154	100		
153	113.3	91.5	137.3
152	50.1	43.0	64.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 10.97 ng

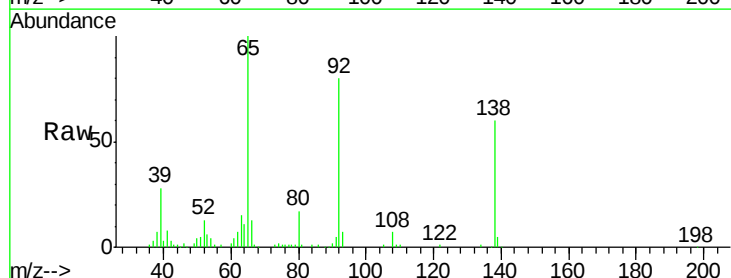
RT: 9.61 min Scan# 702

Delta R.T. -0.02 min

Lab File: BF085017.D

Acq: 11 Feb 2016 14:25

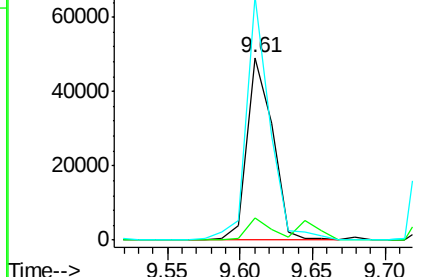
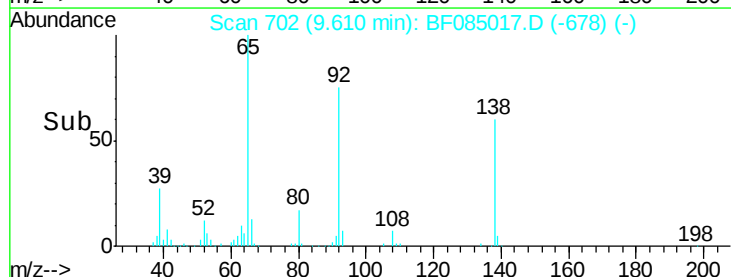
Tgt Ion:	138	Resp:	60301
Ion Ratio	Lower	Upper	
138	100		
108	12.3	10.5	15.7
92	133.7	103.9	155.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





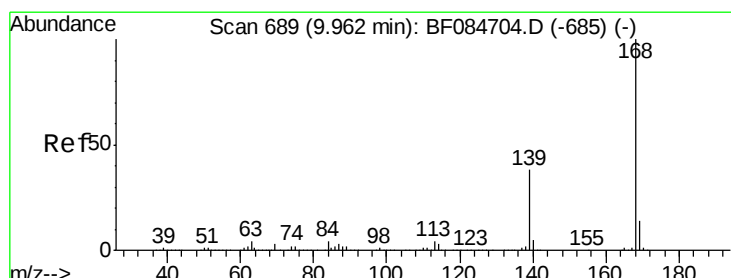
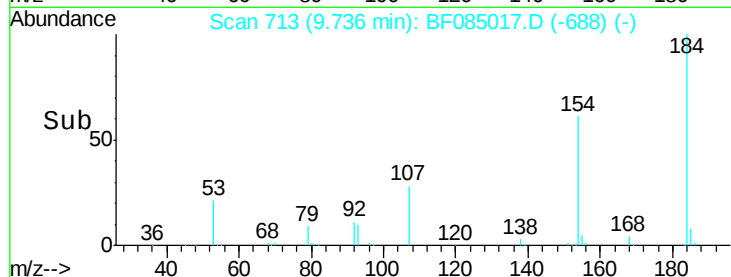
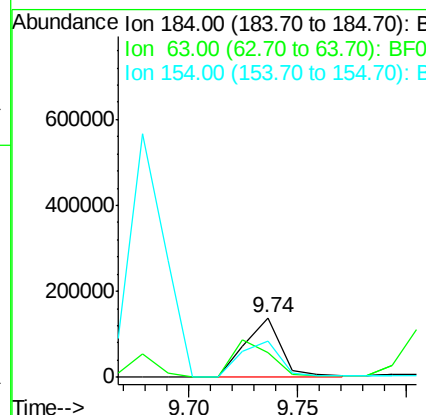
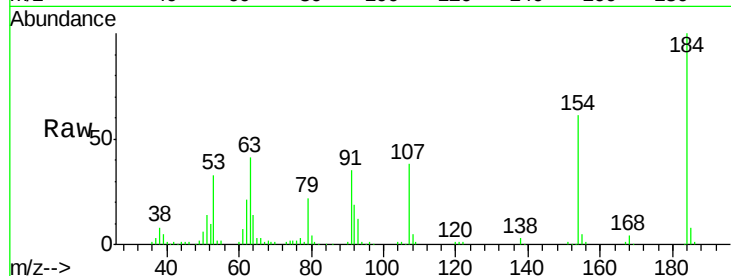
#53
2,4-Dinitrophenol
Concen: 72.94 ng
RT: 9.74 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF085017.D
Acq: 11 Feb 2016 14:25

Instrument :
BNA_F
ClientSampleId :
PB88282BSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	163442		
63	41.4	43.1	64.7#	
154	61.3	60.5	90.7	

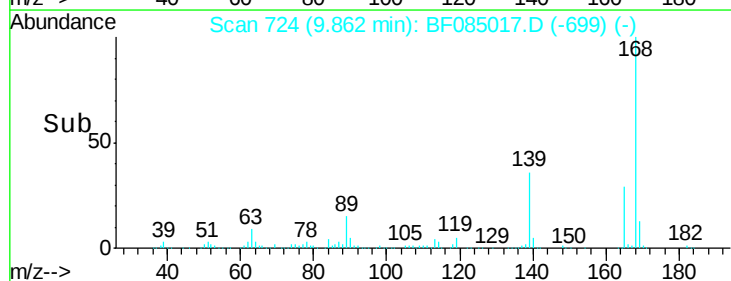
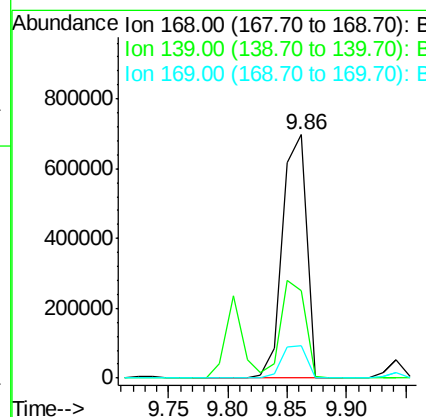
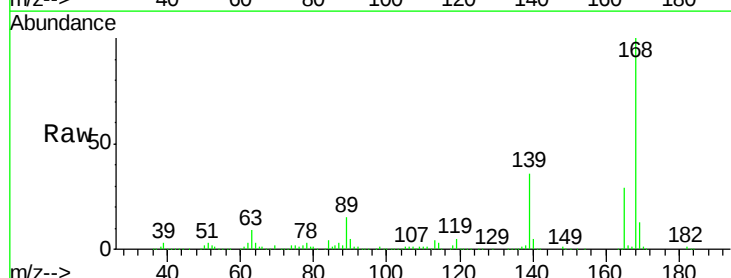
Manual Integrations
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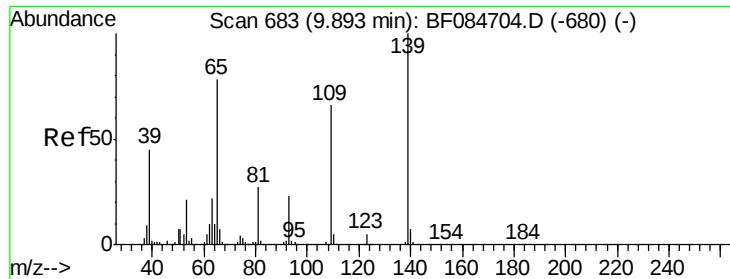
Sohil
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#54
Dibenzofuran
Concen: 41.48 ng
RT: 9.86 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF085017.D
Acq: 11 Feb 2016 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	967959		
139	35.9	30.5	45.7	
169	13.3	10.4	15.6	





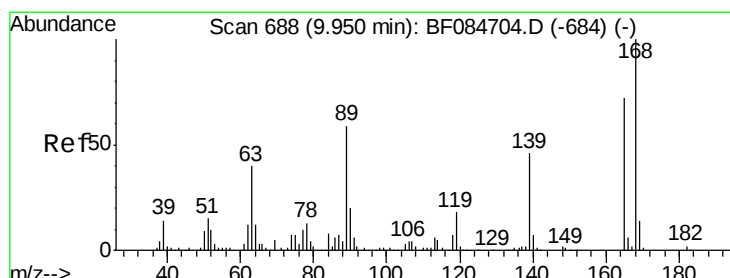
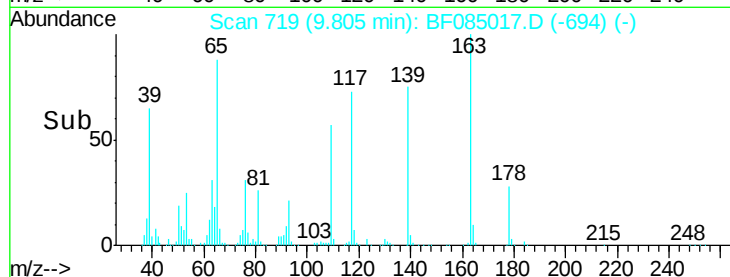
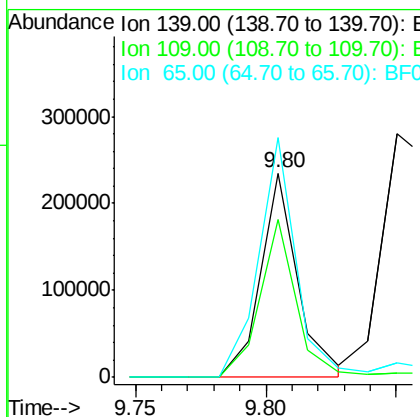
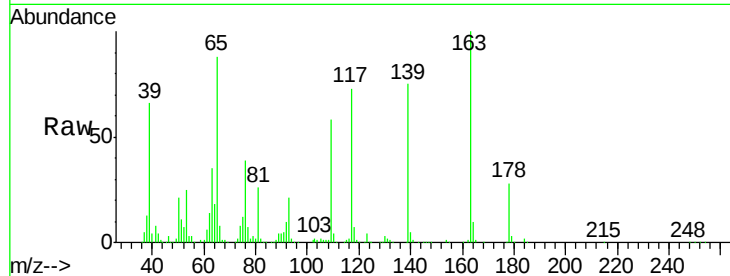
#55
4-Nitrophenol
Concen: 58.06 ng
RT: 9.80 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF085017.D
Acq: 11 Feb 2016 14:25

Instrument :
BNA_F
ClientSampleId :
PB88282BSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	234562		
109	77.0	58.5	98.5	
65	117.6	57.6	97.6#	

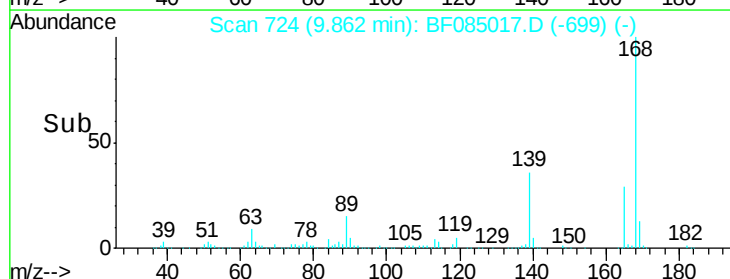
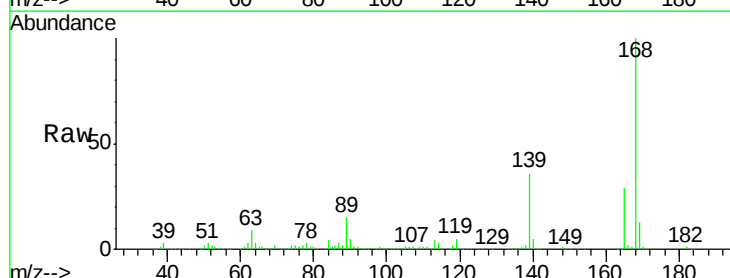
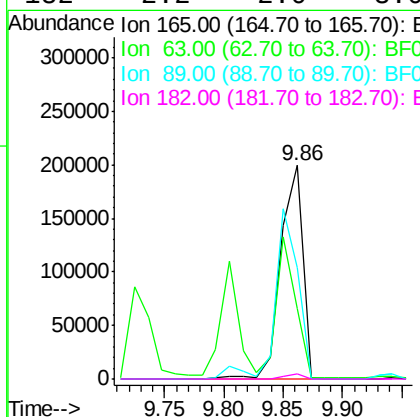
Manual Integrations
APPROVED

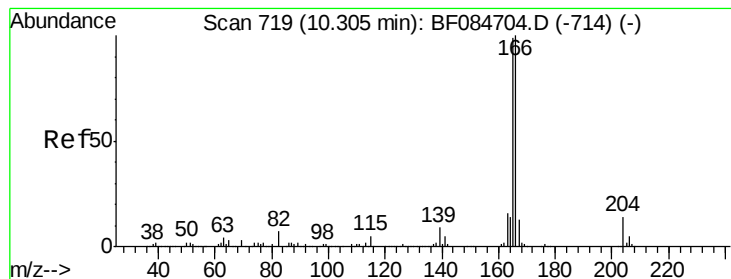
Sohil
2/12/2016 12:26:07 PM



#56
2,4-Dinitrotoluene
Concen: 40.84 ng
RT: 9.86 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF085017.D
Acq: 11 Feb 2016 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	254829		
63	32.9	36.7	55.1#	
89	52.3	61.9	92.9#	
182	2.2	2.0	3.0	





#57

Fluorene

Concen: 36.47 ng

RT: 10.19 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF085017.D

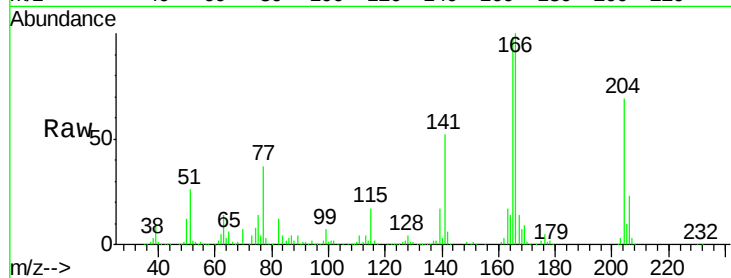
Acq: 11 Feb 2016 14:25

Instrument :

BNA_F

ClientSampleId :

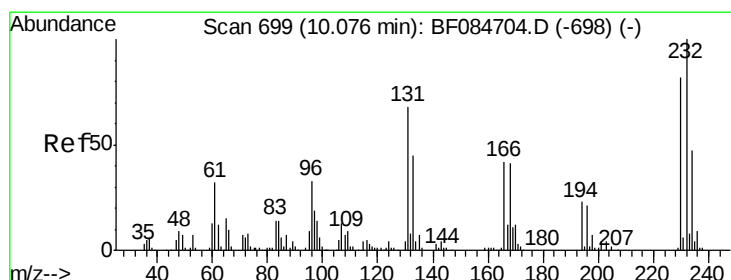
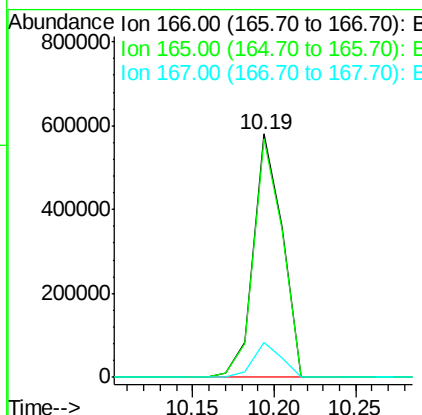
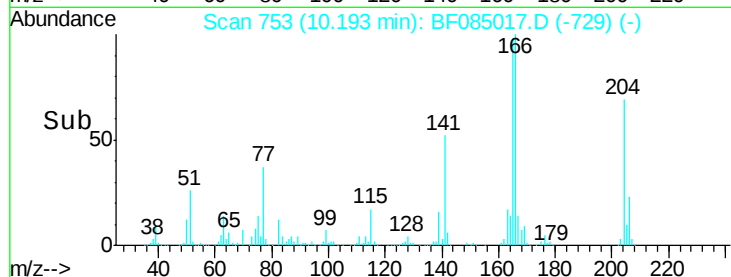
PB88282BSD



Tgt Ion	Ratio	Resp	Lower	Upper
166	100	710663		
165	97.9	79.1	118.7	
167	14.3	10.4	15.6	

Manual Integrations
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2/12/2016 12:26:07 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.42 ng

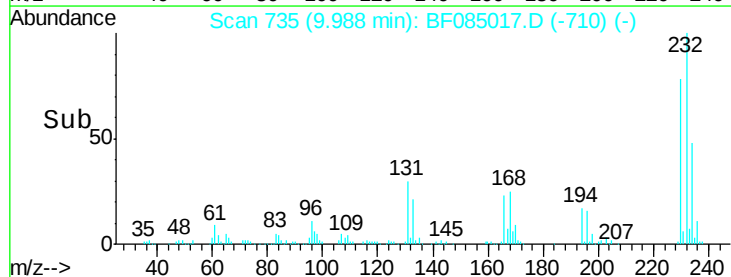
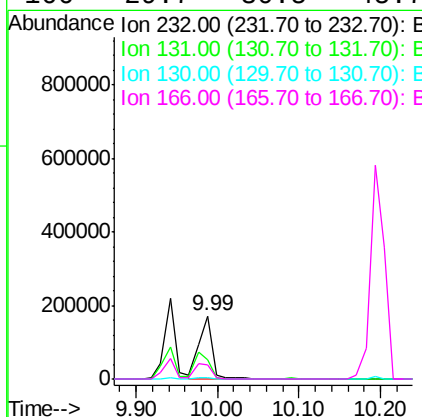
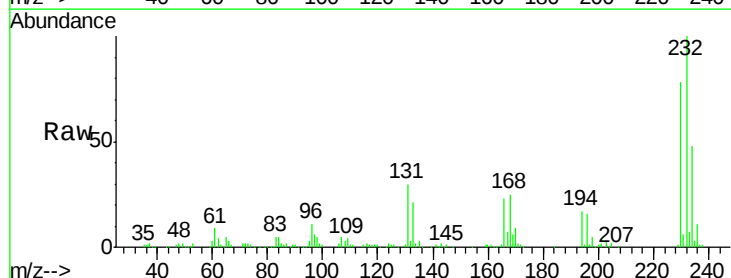
RT: 9.99 min Scan# 735

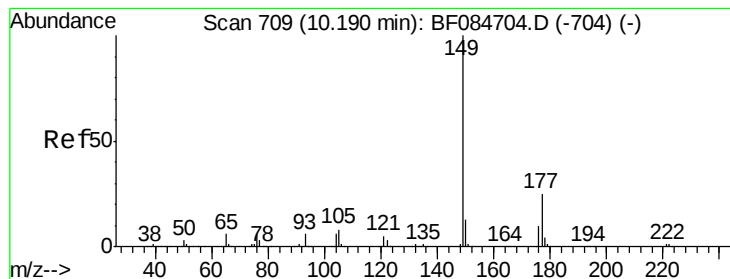
Delta R.T. -0.01 min

Lab File: BF085017.D

Acq: 11 Feb 2016 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	197382		
131	47.2	47.0	70.6	
130	2.2	2.0	3.0	
166	29.7	30.5	45.7#	





#59

Diethylphthalate

Concen: 38.87 ng

RT: 10.09 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF085017.D

Acq: 11 Feb 2016 14:25

Instrument :

BNA_F

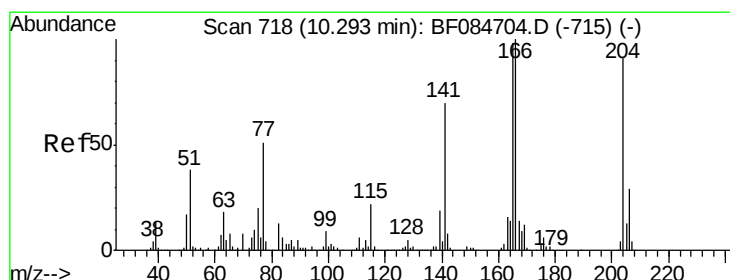
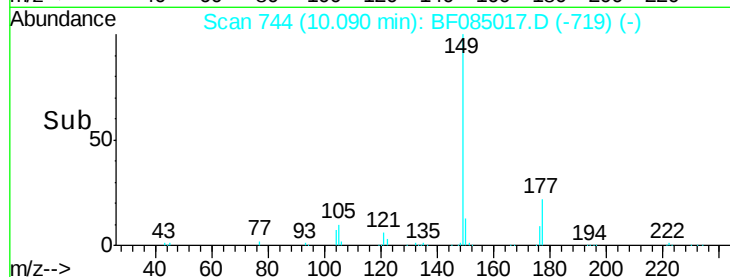
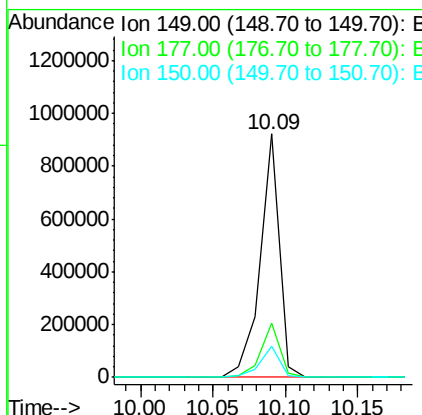
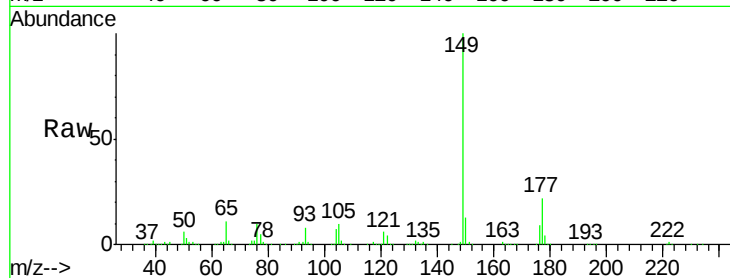
ClientSampleId :

PB88282BSD

Tgt Ion:	149	Resp:	849946
Ion Ratio	Lower	Upper	
149	100		
177	22.1	17.3	25.9
150	12.7	9.8	14.8

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#60

4-Chlorophenyl-phenylether

Concen: 40.49 ng

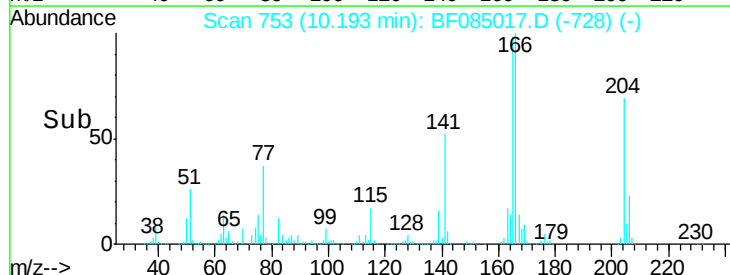
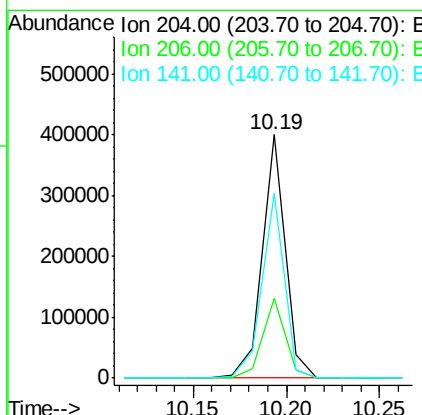
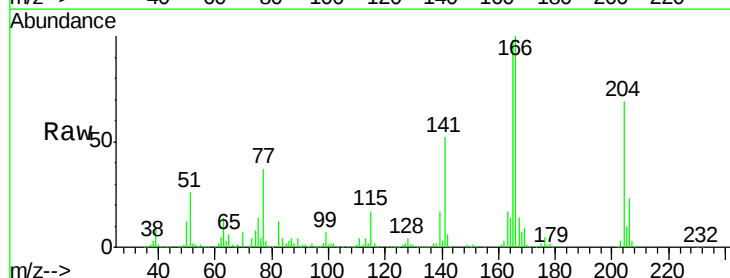
RT: 10.19 min Scan# 753

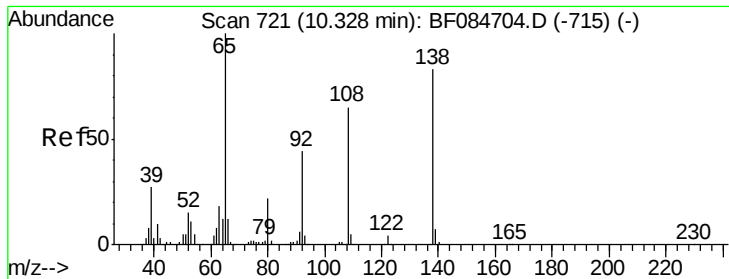
Delta R.T. -0.01 min

Lab File: BF085017.D

Acq: 11 Feb 2016 14:25

Tgt Ion:	204	Resp:	337426
Ion Ratio	Lower	Upper	
204	100		
206	32.9	25.7	38.5
141	75.9	55.1	82.7





#61

4-Nitroaniline

Concen: 35.23 ng

RT: 10.23 min Scan# 756

Delta R.T. -0.02 min

Lab File: BF085017.D

Acq: 11 Feb 2016 14:25

Instrument :

BNA_F

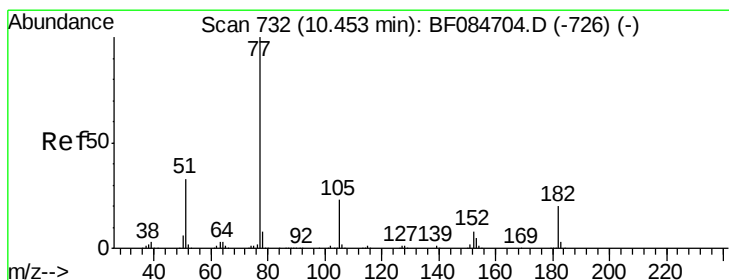
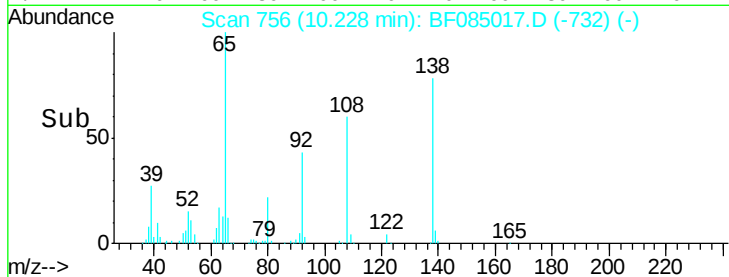
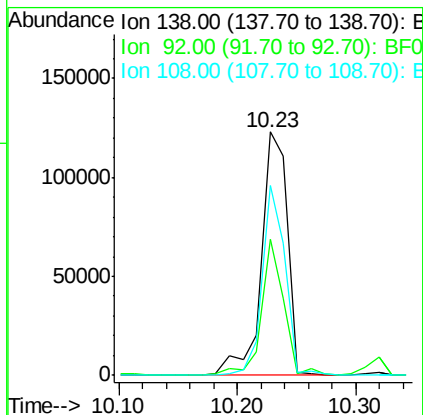
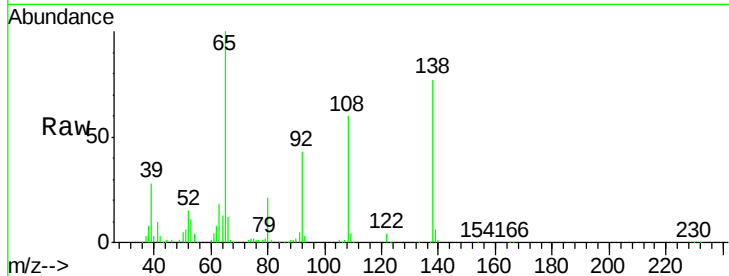
ClientSampleId :

PB88282BSD

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Tgt Ion:	138	Resp:	188690
Ion Ratio	Lower	Upper	
138	100		
92	55.6	32.6	72.6
108	78.0	68.6	108.6



#62

Azobenzene

Concen: 43.56 ng

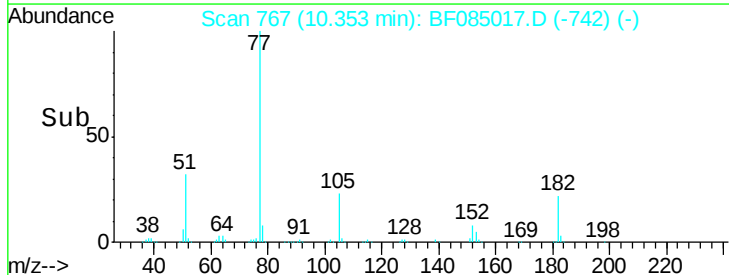
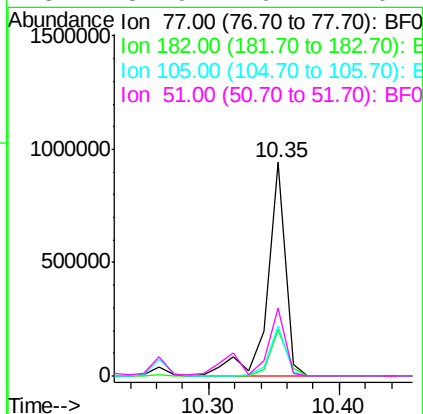
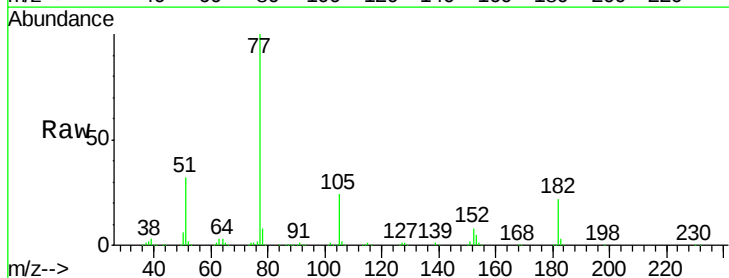
RT: 10.35 min Scan# 767

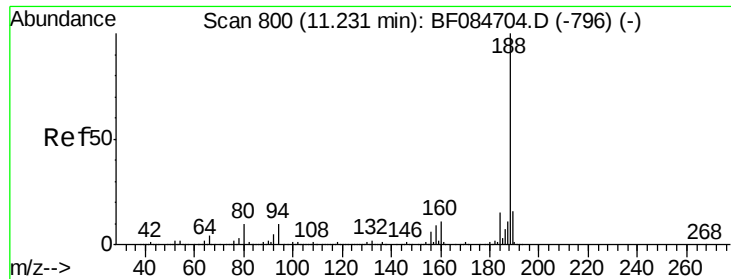
Delta R.T. -0.01 min

Lab File: BF085017.D

Acq: 11 Feb 2016 14:25

Tgt Ion:	77	Resp:	915885
Ion Ratio	Lower	Upper	
77	100		
182	21.9	8.3	48.3
105	23.7	4.6	44.6
51	31.9	6.2	46.2





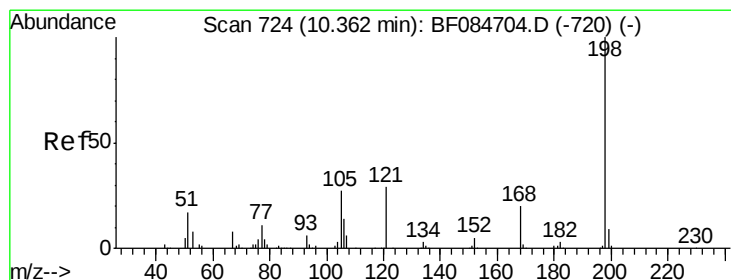
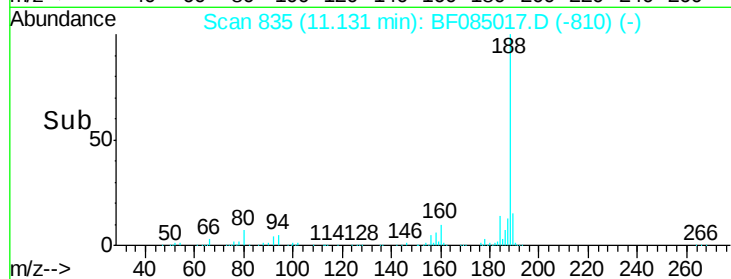
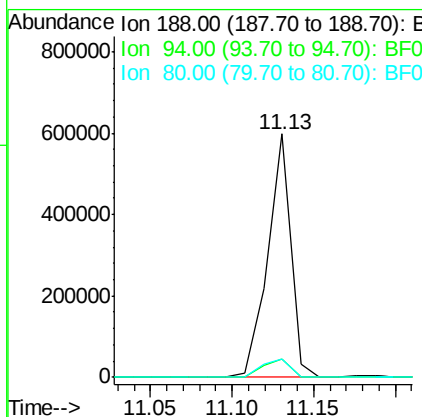
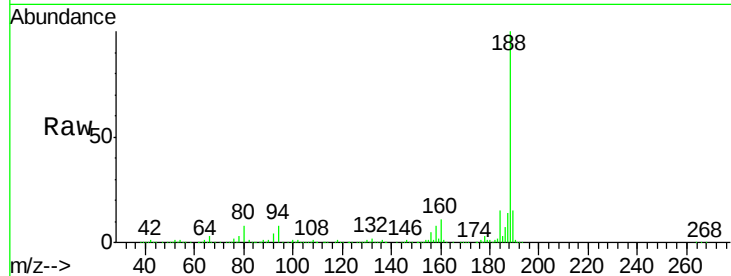
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF085017.D
Acq: 11 Feb 2016 14:25

Instrument :
BNA_F
ClientSampleId :
PB88282BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.6	9.0	13.4#
80	7.8	9.6	14.4#

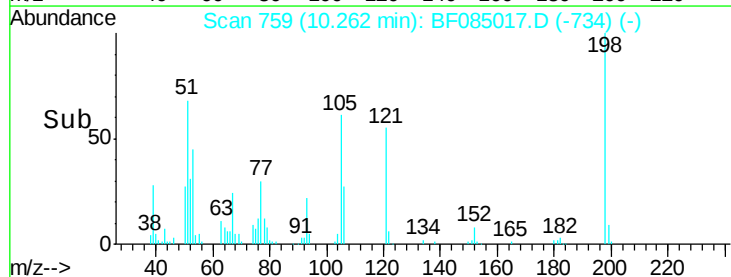
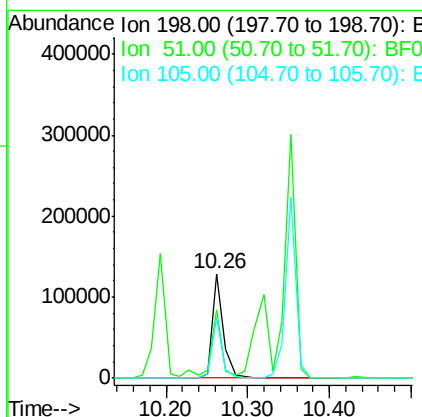
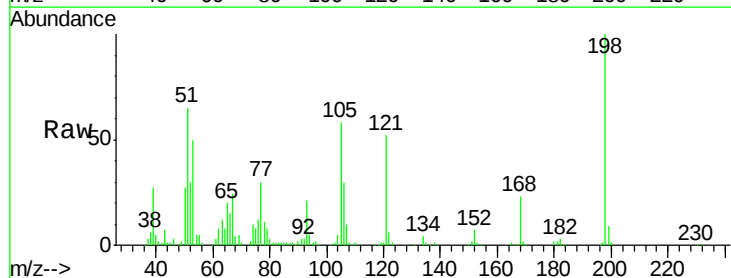
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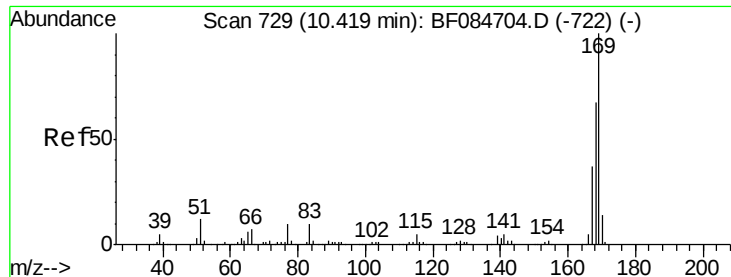
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#64
4,6-Dinitro-2-methylphenol
Concen: 34.51 ng
RT: 10.26 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF085017.D
Acq: 11 Feb 2016 14:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	65.2	18.9	58.9#
105	58.0	26.4	66.4





#65

n-Nitrosodiphenylamine

Concen: 39.14 ng

RT: 10.32 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF085017.D

Acq: 11 Feb 2016 14:25

Instrument :

BNA_F

ClientSampleId :

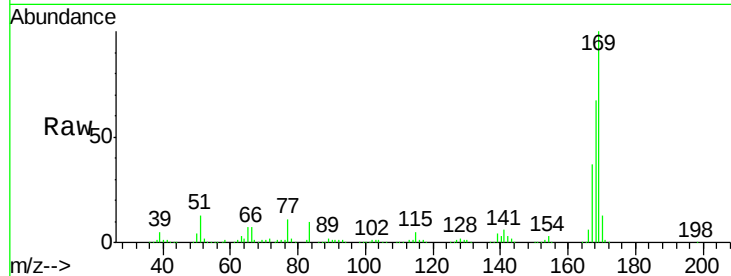
PB88282BSD

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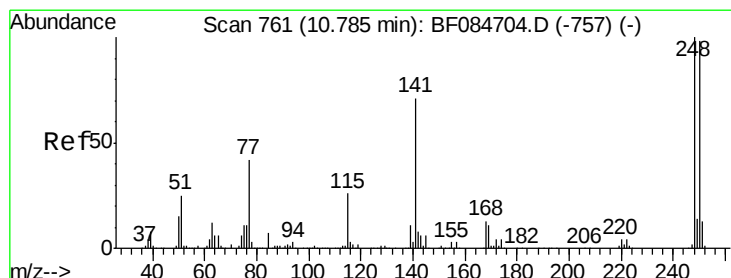
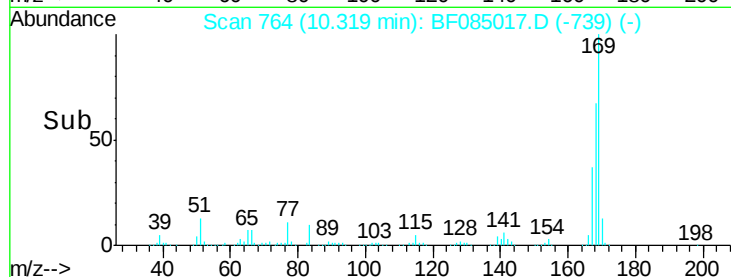
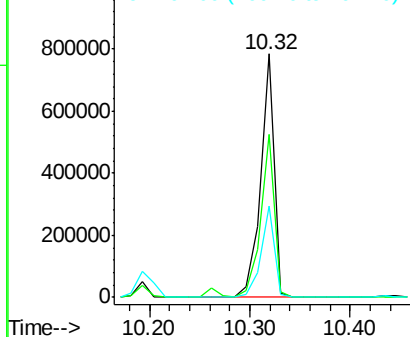
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Tgt Ion:	169	Resp:	732028
Ion Ratio	Lower	Upper	
169	100		
168	66.7	55.1	82.7
167	37.3	30.0	45.0



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



#66

4-Bromophenyl-phenylether

Concen: 37.45 ng

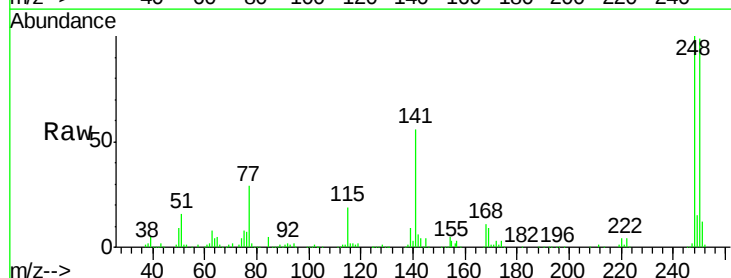
RT: 10.68 min Scan# 796

Delta R.T. -0.01 min

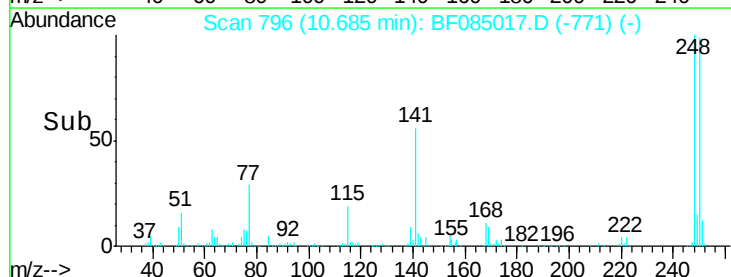
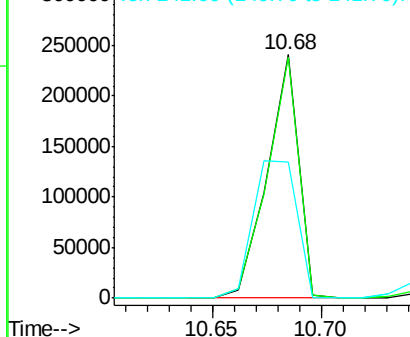
Lab File: BF085017.D

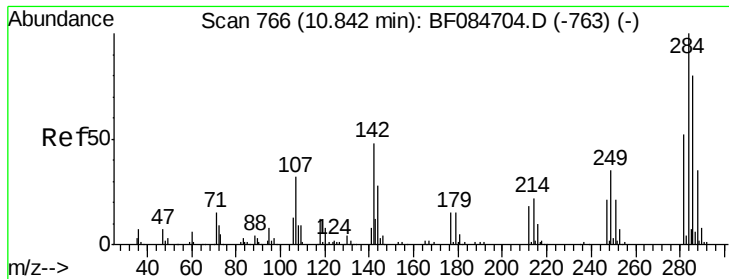
Acq: 11 Feb 2016 14:25

Tgt Ion:	248	Resp:	243640
Ion Ratio	Lower	Upper	
248	100		
250	98.8	78.4	117.6
141	55.6	44.0	66.0



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





#67

Hexachlorobenzene

Concen: 34.71 ng

RT: 10.74 min Scan# 801

Delta R.T. -0.01 min

Lab File: BF085017.D

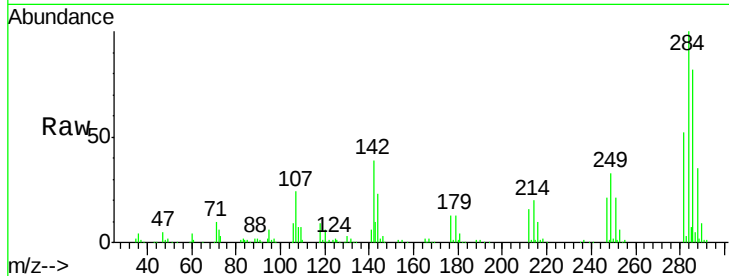
Acq: 11 Feb 2016 14:25

Instrument :

BNA_F

ClientSampleId :

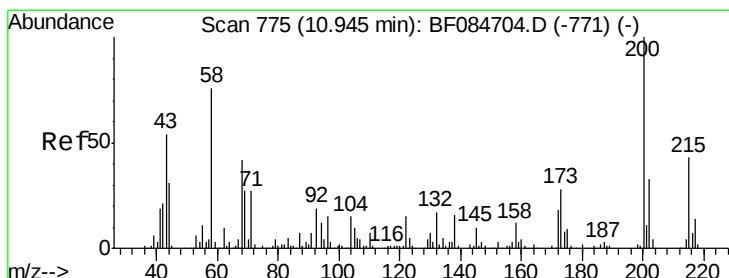
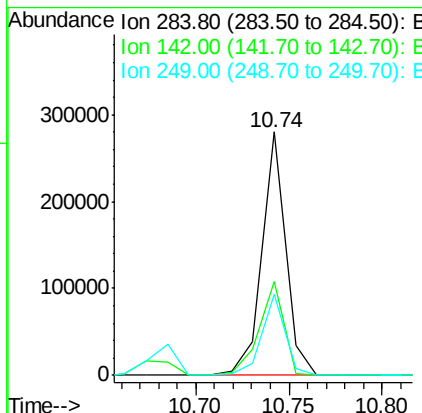
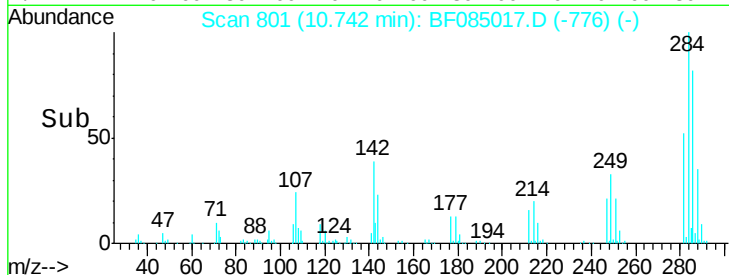
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Tgt Ion:	284	Resp:	246036
Ion Ratio	Lower	Upper	
284	100		
142	38.6	22.2	33.4#
249	33.0	24.6	37.0

Manual Integrations
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#68

Atrazine

Concen: 43.43 ng

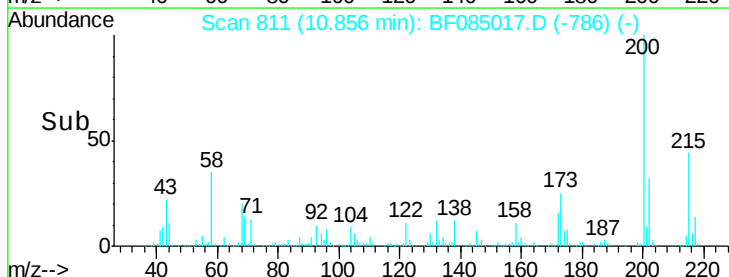
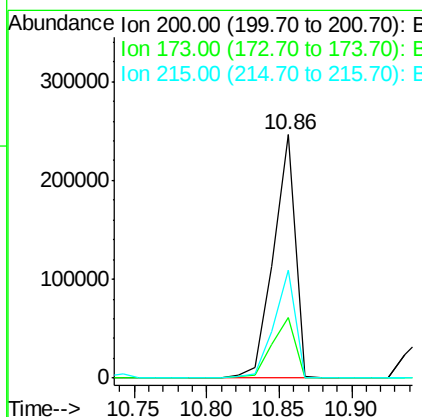
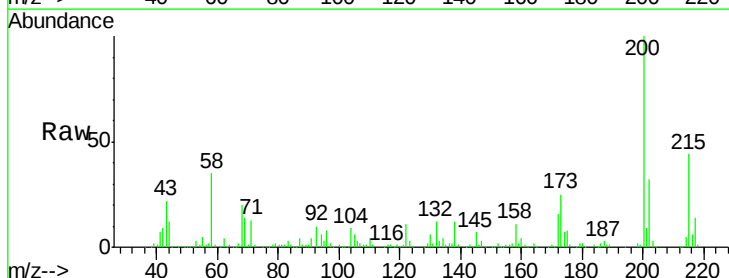
RT: 10.86 min Scan# 811

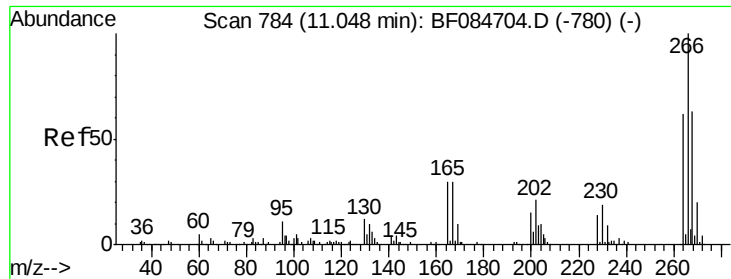
Delta R.T. -0.01 min

Lab File: BF085017.D

Acq: 11 Feb 2016 14:25

Tgt Ion:	200	Resp:	256490
Ion Ratio	Lower	Upper	
200	100		
173	24.7	9.5	49.5
215	44.2	23.8	63.8





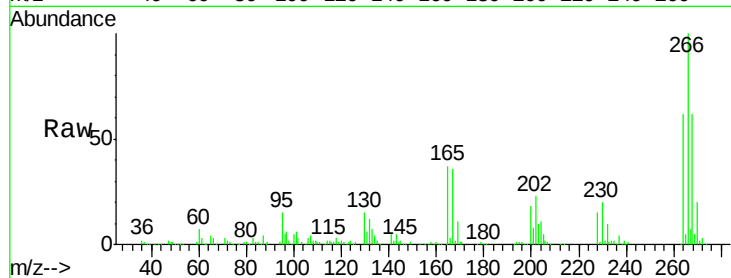
#69
 Pentachlorophenol
 Concen: 69.97 ng
 RT: 10.95 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF085017.D
 Acq: 11 Feb 2016 14:25

Instrument :
 BNA_F
 ClientSampleId :
 PB88282BSD

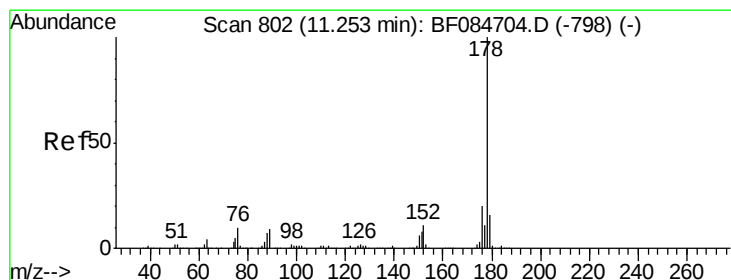
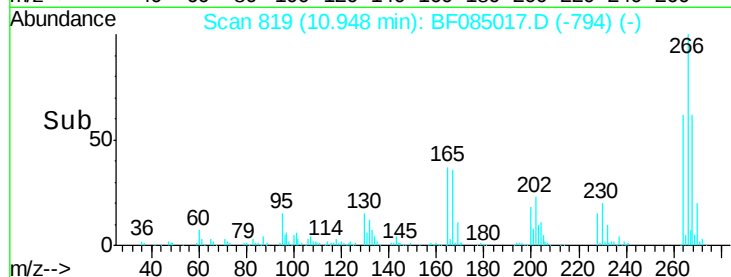
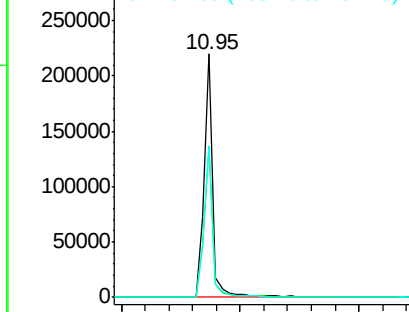
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	233076		
268	62.4	52.4	78.6	
264	62.0	50.2	75.2	

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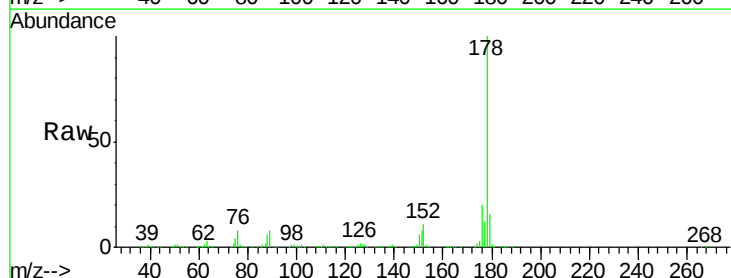


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

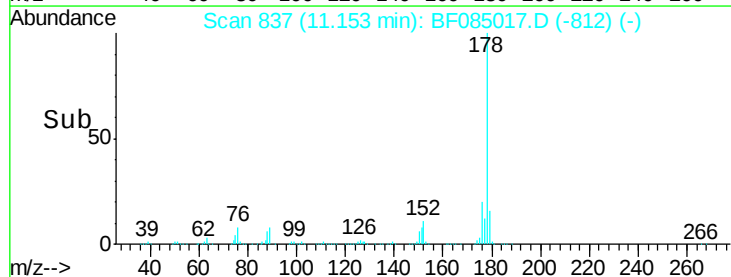
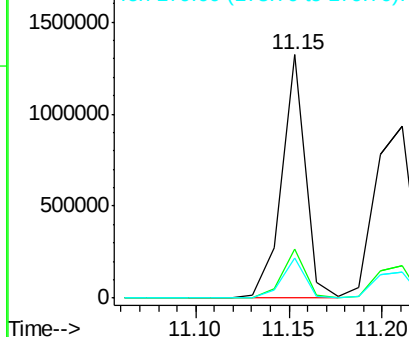


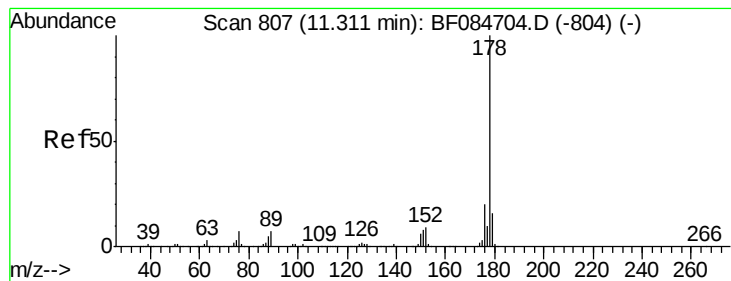
#70
 Phenanthrene
 Concen: 35.83 ng
 RT: 11.15 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BF085017.D
 Acq: 11 Feb 2016 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1170503		
176	20.4	15.3	22.9	
179	16.4	12.0	18.0	



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: 37.19 ng

RT: 11.21 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF085017.D

Acq: 11 Feb 2016 14:25

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:178 Resp: 1224143

Ion Ratio Lower Upper

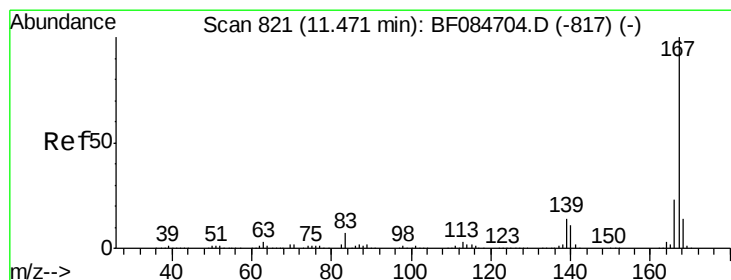
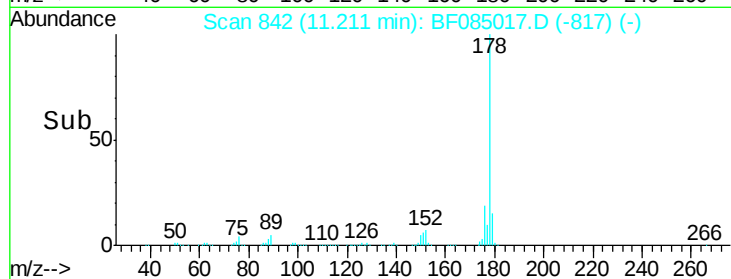
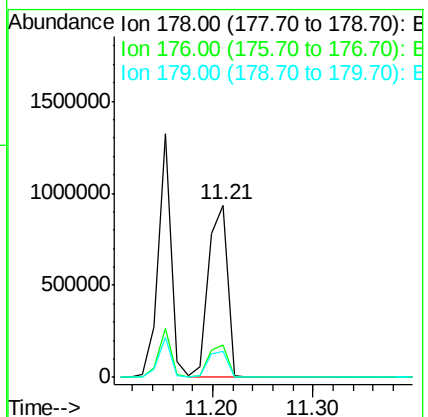
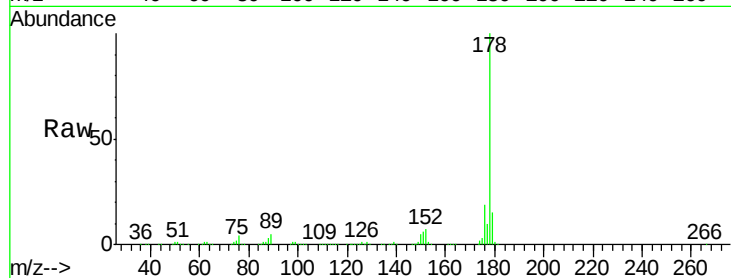
178 100

176 18.8 15.4 23.0

179 15.4 12.5 18.7

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#72

Carbazole

Concen: 38.82 ng

RT: 11.37 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF085017.D

Acq: 11 Feb 2016 14:25

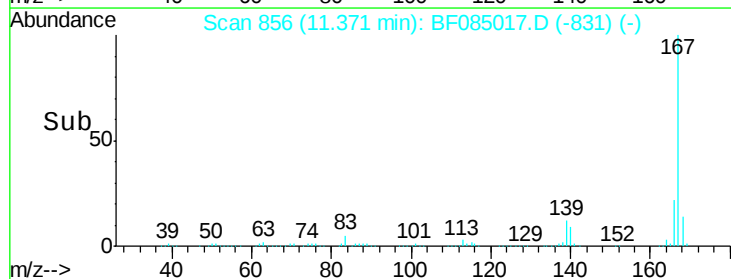
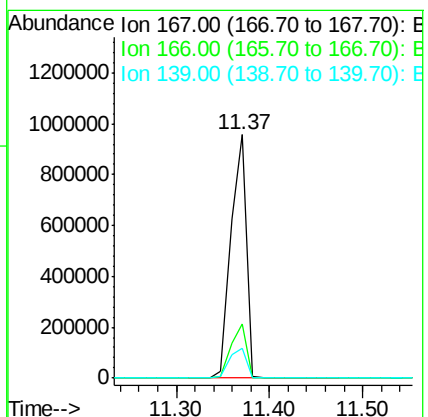
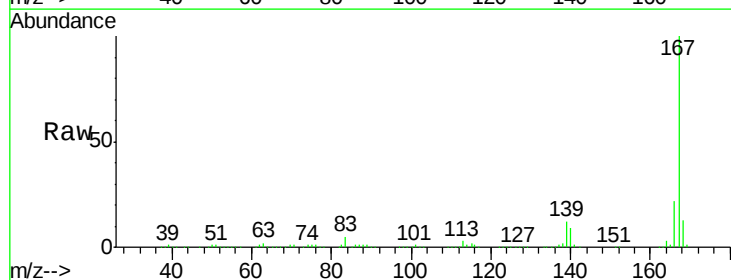
Tgt Ion:167 Resp: 1114074

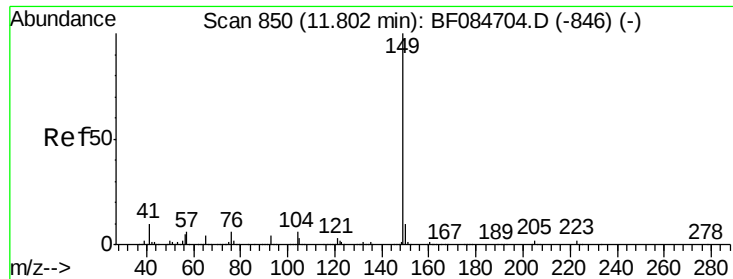
Ion Ratio Lower Upper

167 100

166 22.0 17.6 26.4

139 12.2 11.8 17.8





#73

Di-n-butylphthalate

Concen: 34.48 ng

RT: 11.70 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF085017.D

Acq: 11 Feb 2016 14:25

Instrument :

BNA_F

ClientSampleId :

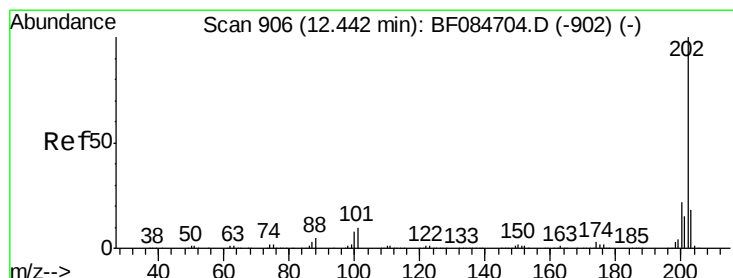
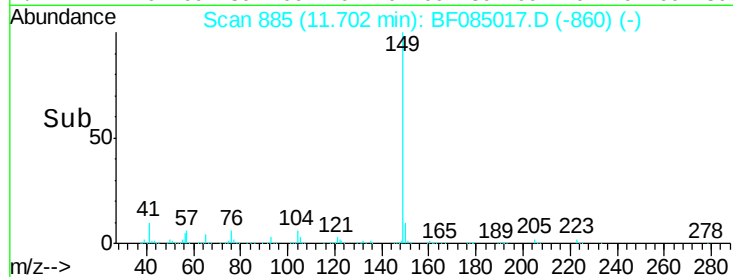
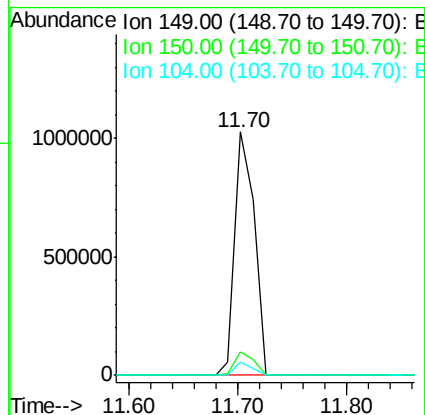
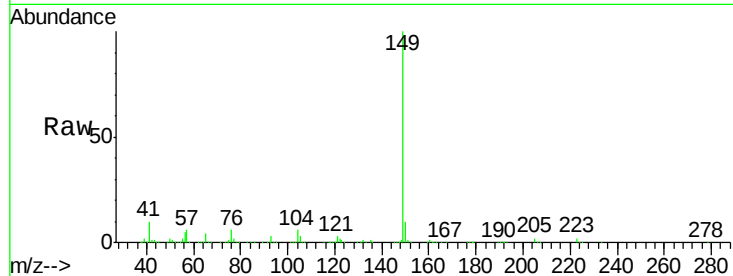
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Tgt Ion:	149	Resp:	1260004
Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.1	10.7
104	5.7	3.2	4.8#



#74

Fluoranthene

Concen: 35.79 ng

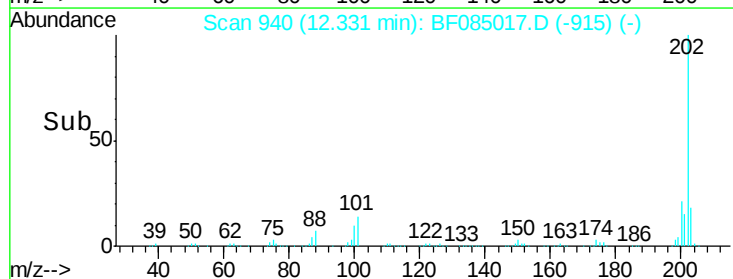
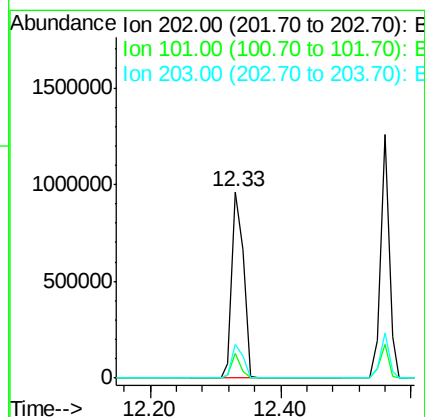
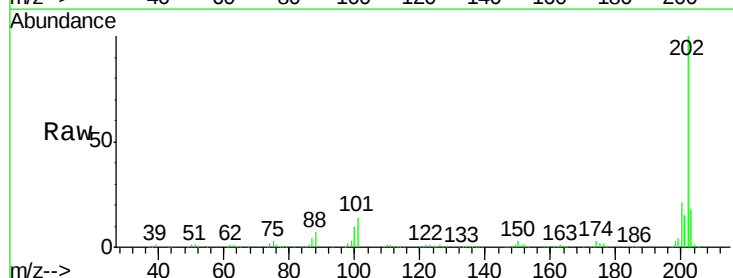
RT: 12.33 min Scan# 940

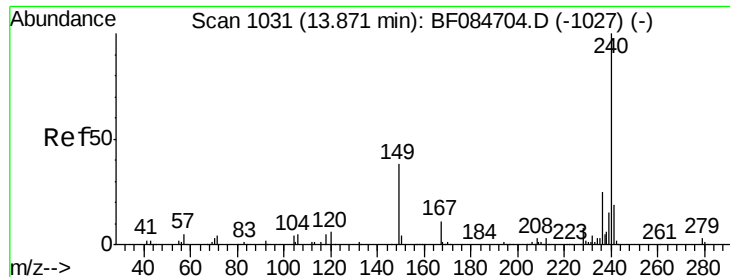
Delta R.T. -0.01 min

Lab File: BF085017.D

Acq: 11 Feb 2016 14:25

Tgt Ion:	202	Resp:	1183144
Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	32.8
203	18.2	0.0	37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.76 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BF085017.D

Acq: 11 Feb 2016 14:25

Instrument :

BNA_F

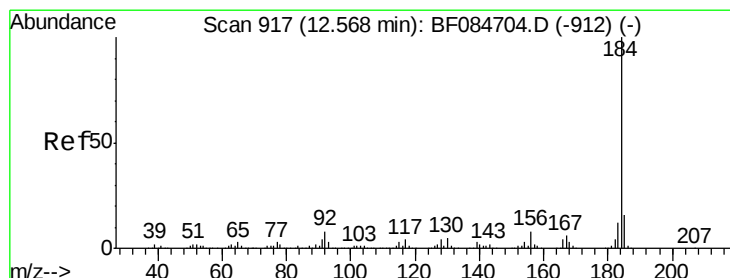
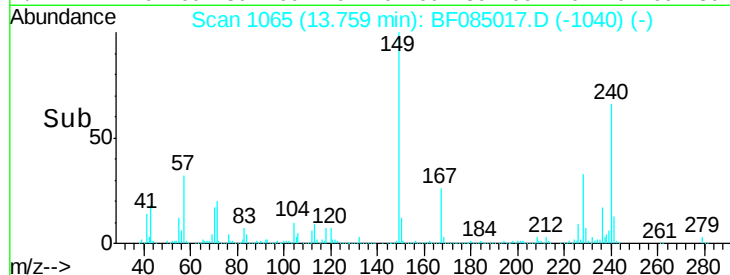
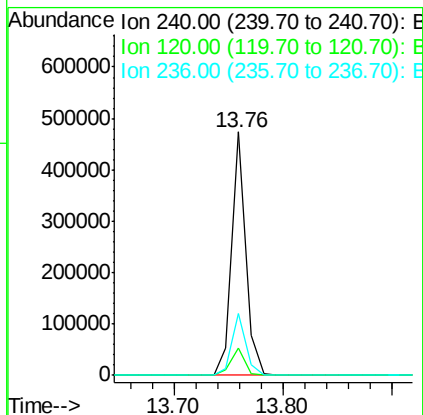
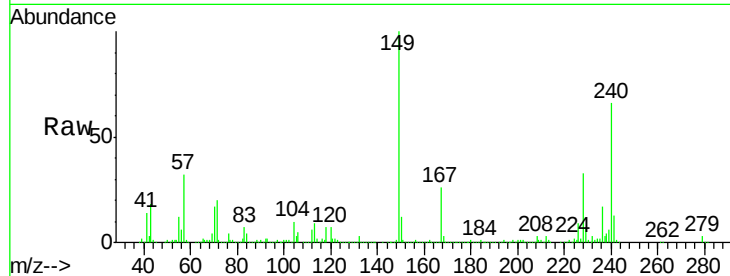
ClientSampleId :

PB88282BSD

Tgt Ion:	240	Resp:	420393
Ion Ratio	Lower	Upper	
240	100		
120	11.1	9.5	14.3
236	25.5	20.6	31.0

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#76

Benzidine

Concen: 21.11 ng

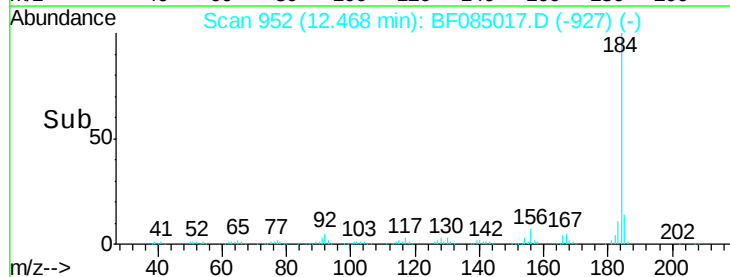
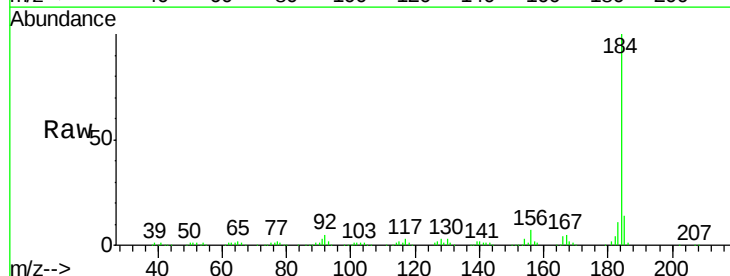
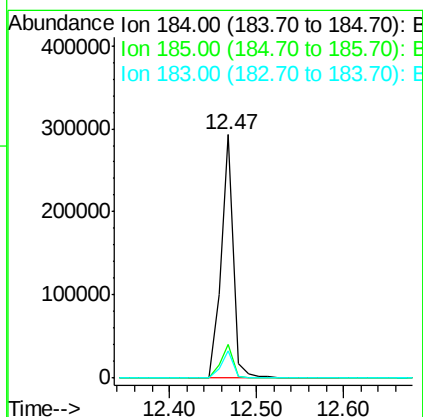
RT: 12.47 min Scan# 952

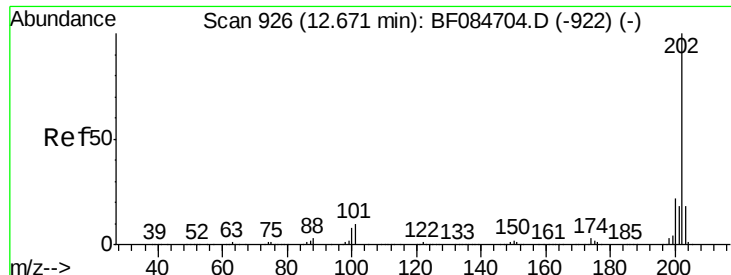
Delta R.T. -0.01 min

Lab File: BF085017.D

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Tgt Ion:	184	Resp:	291402
Ion Ratio	Lower	Upper	
184	100		
185	13.8	12.2	18.2
183	11.3	9.8	14.8





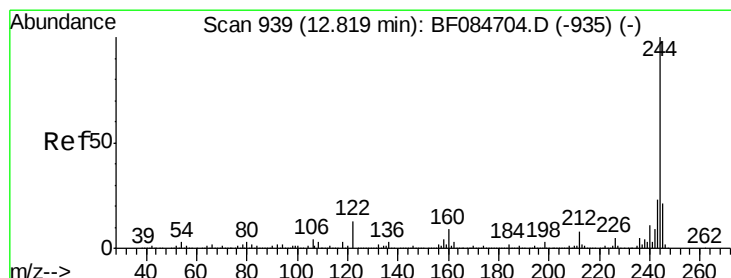
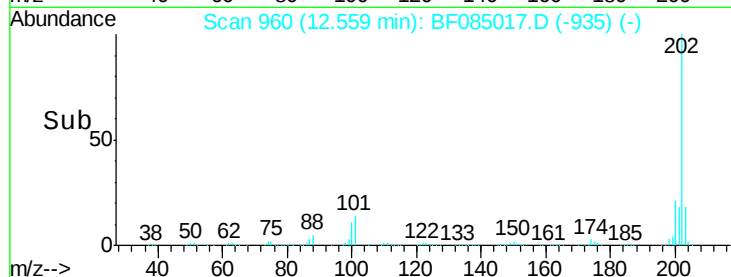
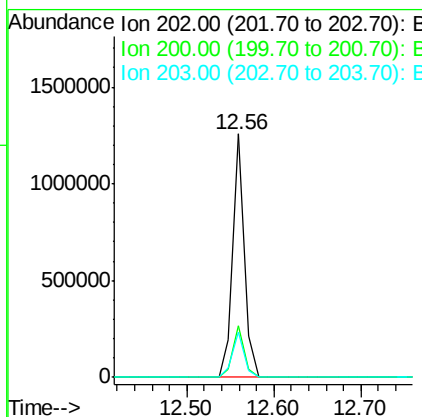
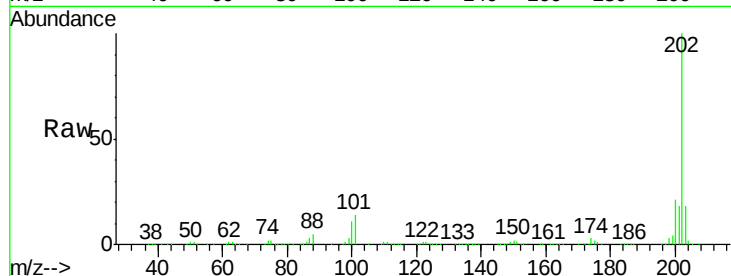
#77
 Pyrene
 Concen: 35.84 ng
 RT: 12.56 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF085017.D
 Acq: 11 Feb 2016 14:25

Instrument :
 BNA_F
 ClientSampleId :
 PB88282BSD

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.2	25.8
203	18.4	14.3	21.5

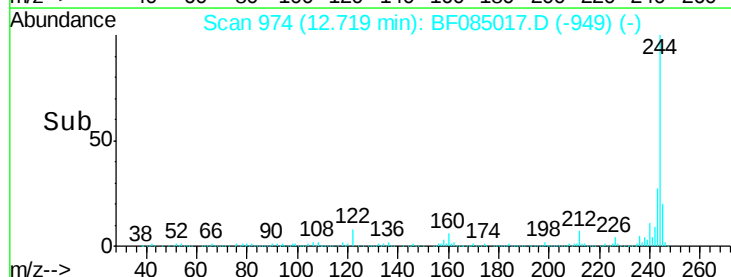
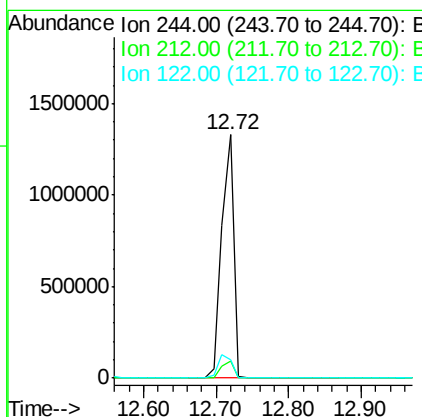
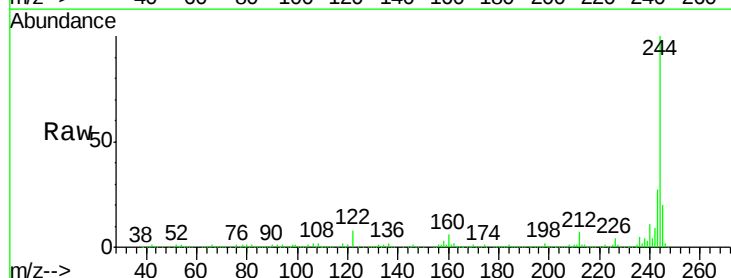
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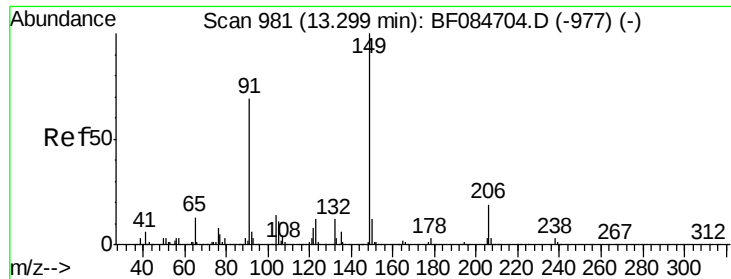
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#78
 Terphenyl-d14
 Concen: 82.65 ng
 RT: 12.72 min Scan# 974
 Delta R.T. -0.01 min
 Lab File: BF085017.D
 Acq: 11 Feb 2016 14:25

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	7.6	7.4	11.0





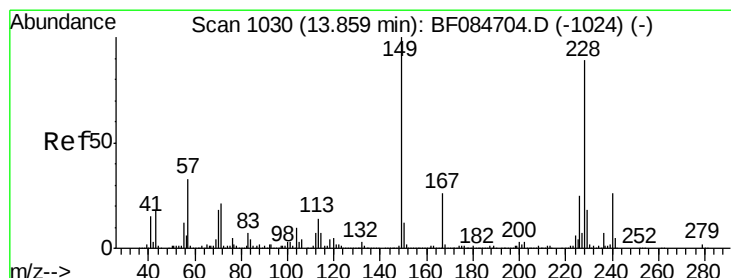
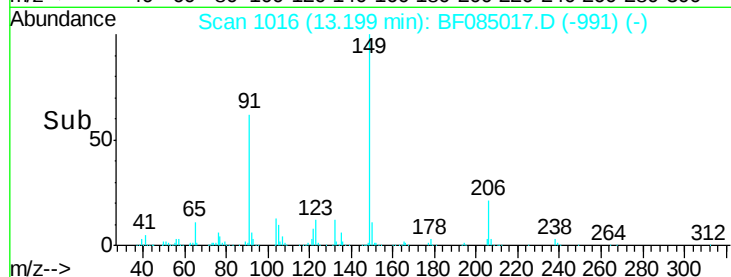
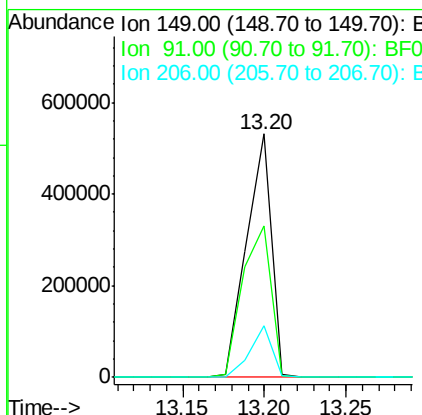
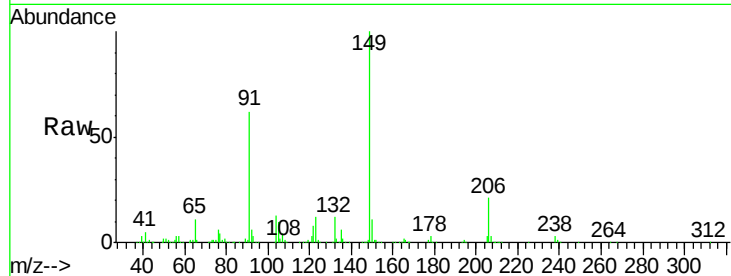
#79
Butylbenzylphthalate
Concen: 38.52 ng
RT: 13.20 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF085017.D
Acq: 11 Feb 2016 14:25

Instrument :
BNA_F
ClientSampleId :
PB88282BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	62.4	57.6	86.4
206	21.0	13.2	19.8

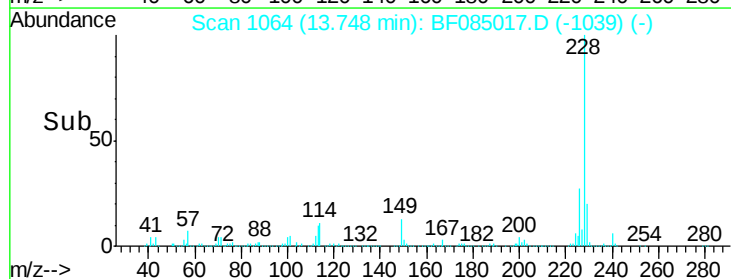
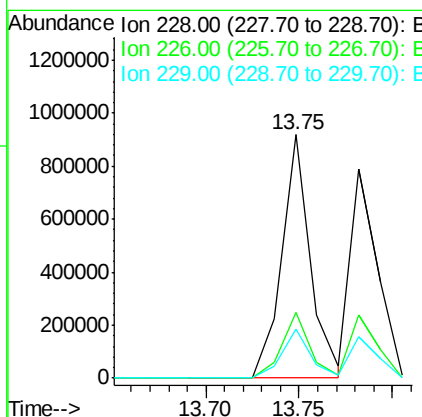
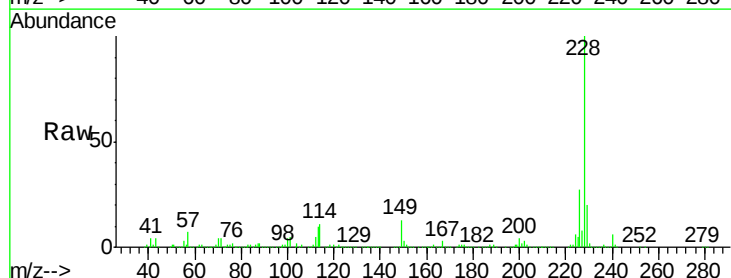
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#80
Benzo(a)anthracene
Concen: 37.62 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF085017.D
Acq: 11 Feb 2016 14:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.1	21.8	32.6
229	20.0	15.8	23.8





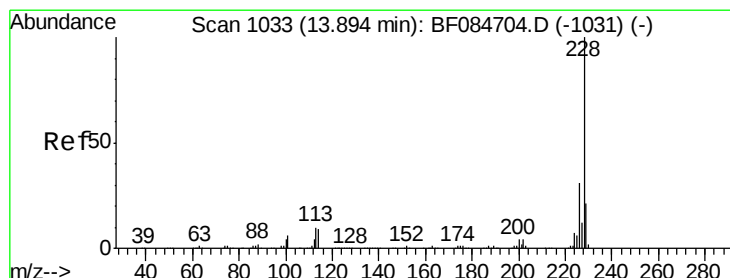
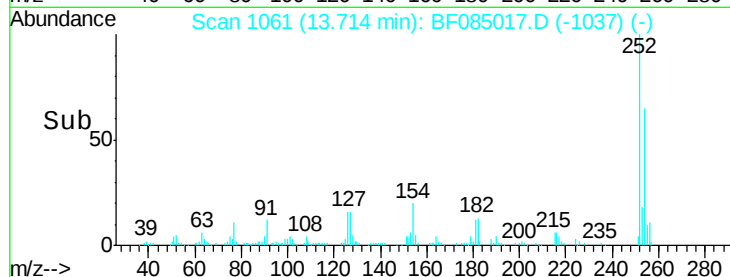
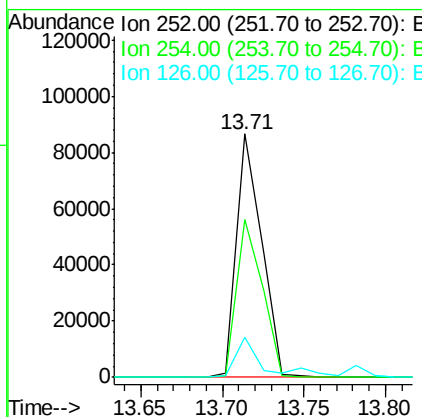
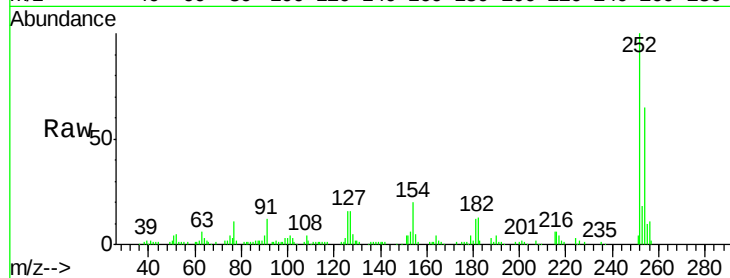
#81
 3,3'-Dichlorobenzidine
 Concen: 9.94 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BF085017.D
 Acq: 11 Feb 2016 14:25

Instrument :
 BNA_F
 ClientSampleId :
 PB88282BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	65.0	53.5	80.3
126	16.4	4.9	7.3

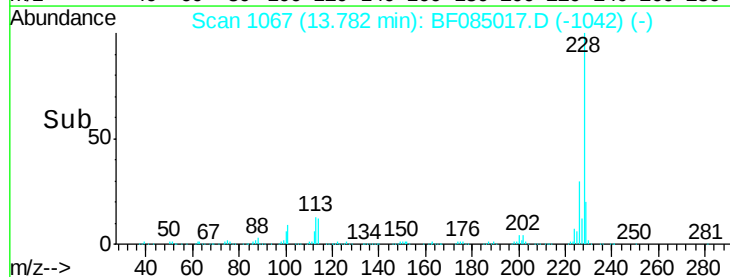
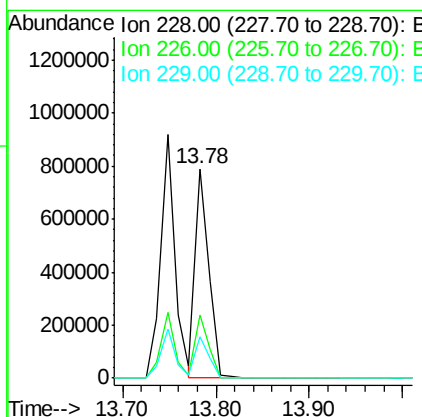
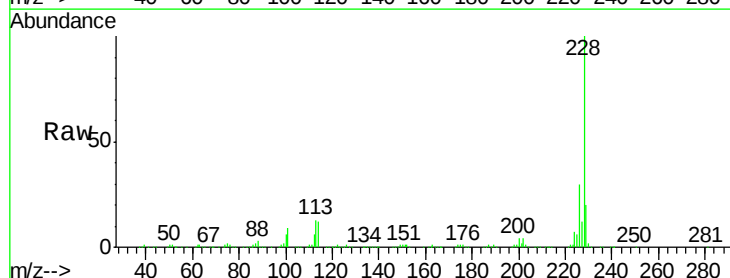
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#82
 Chrysene
 Concen: 31.87 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: BF085017.D
 Acq: 11 Feb 2016 14:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.0	24.3	36.5
229	19.8	16.1	24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.17 ng

RT: 13.76 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BF085017.D

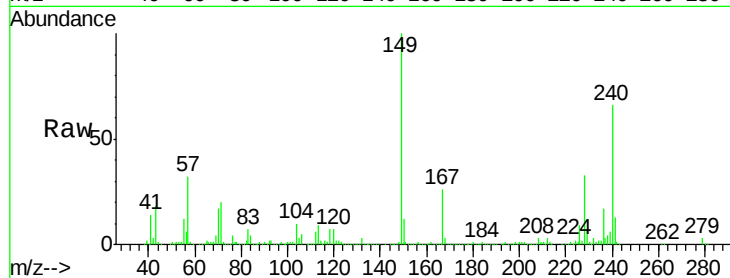
Acq: 11 Feb 2016 14:25

Instrument :

BNA_F

ClientSampleId :

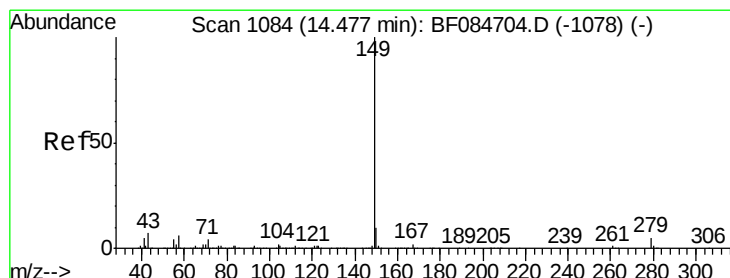
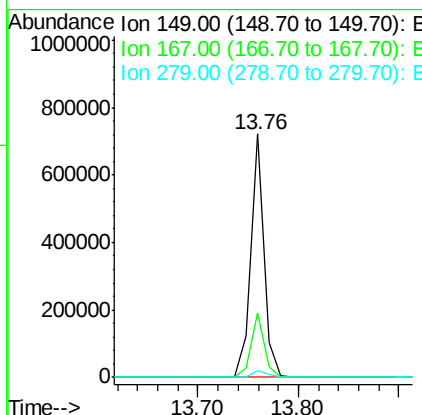
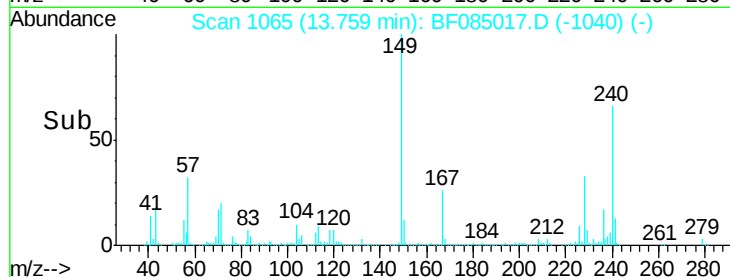
PB88282BSD



Tgt Ion:	149	Resp:	657193
Ion Ratio	Lower	Upper	
149	100		
167	26.3	19.7	29.5
279	2.6	1.8	2.6

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#84

Di-n-octyl phthalate

Concen: 34.95 ng

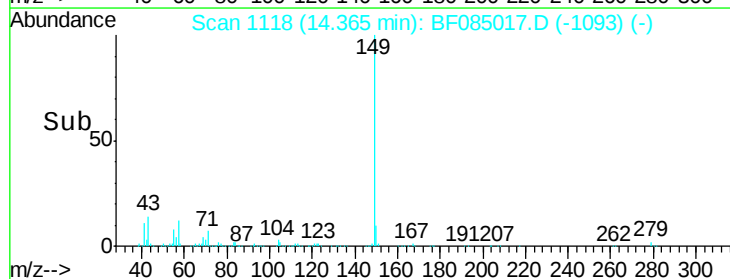
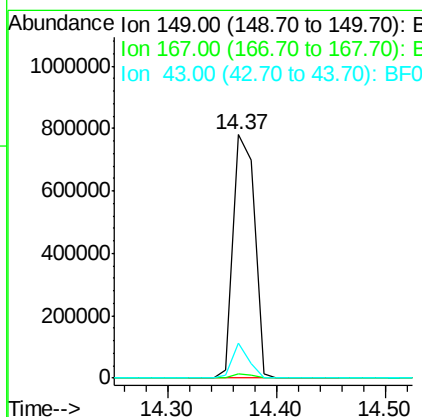
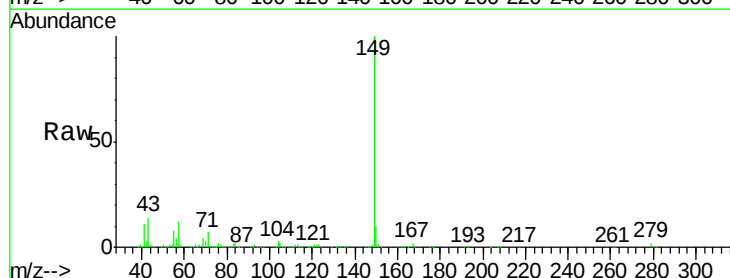
RT: 14.37 min Scan# 1118

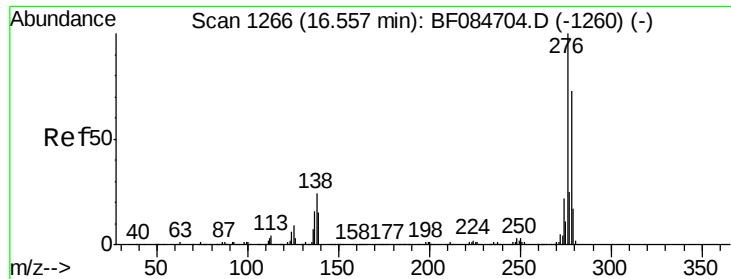
Delta R.T. -0.01 min

Lab File: BF085017.D

Acq: 11 Feb 2016 14:25

Tgt Ion:	149	Resp:	1047616
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	10.9	5.6	8.4#





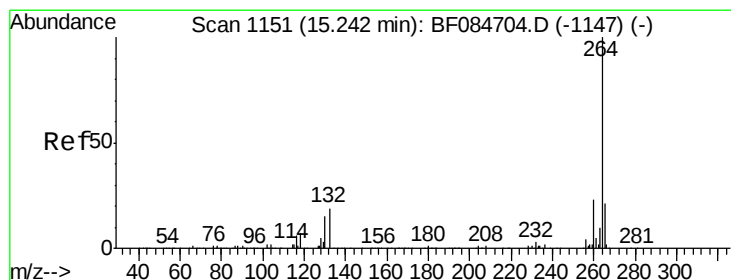
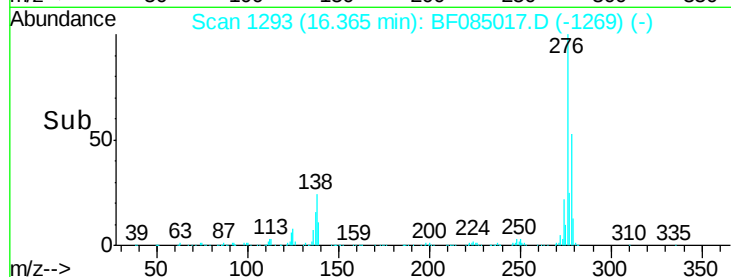
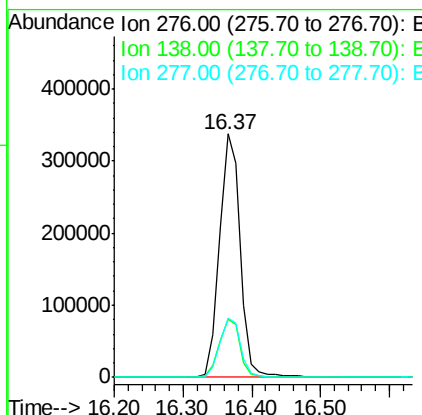
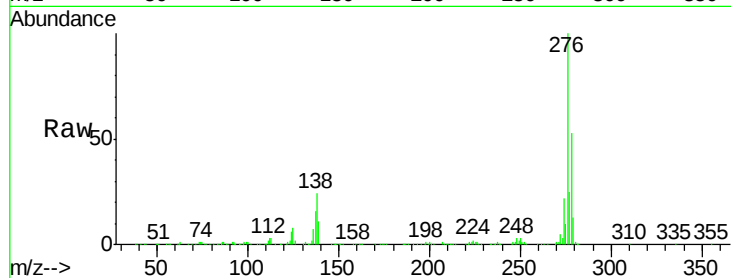
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.35 ng
 RT: 16.37 min Scan# 1293
 Delta R.T. -0.02 min
 Lab File: BF085017.D
 Acq: 11 Feb 2016 14:25

Instrument :
 BNA_F
 ClientSampleId :
 PB88282BSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.4	20.6	30.8
277	24.7	20.1	30.1

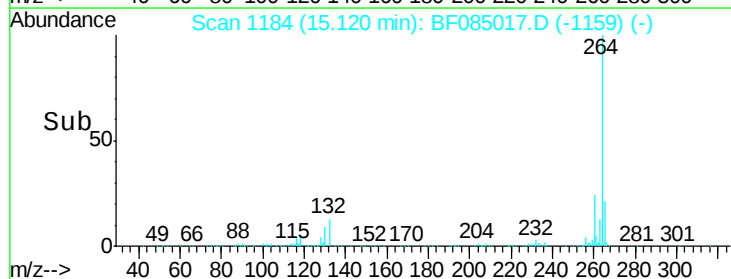
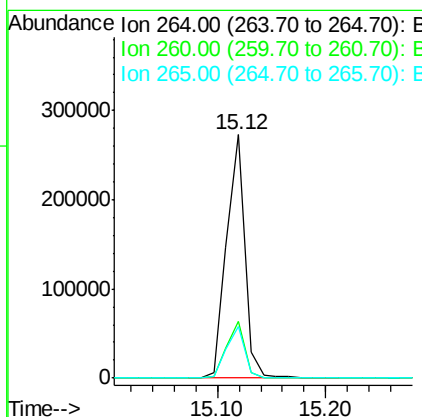
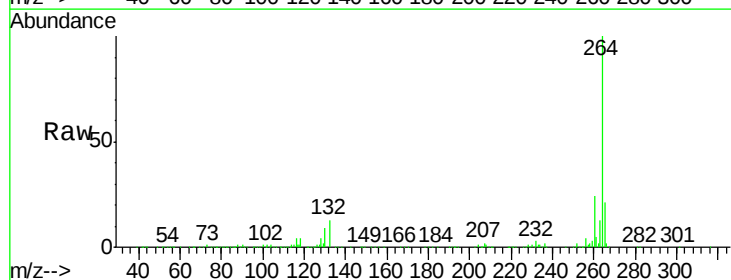
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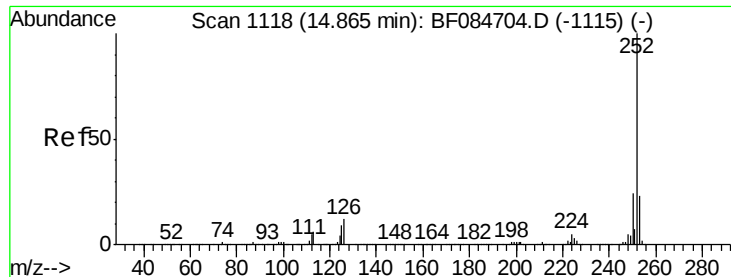
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.12 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF085017.D
 Acq: 11 Feb 2016 14:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	21.1	17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 38.34 ng m

RT: 14.75 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF085017.D

Acq: 11 Feb 2016 14:25

Instrument :

BNA_F

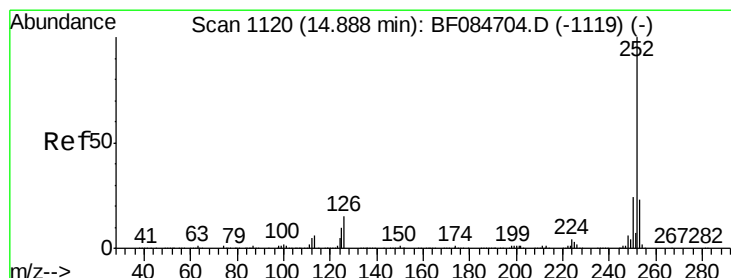
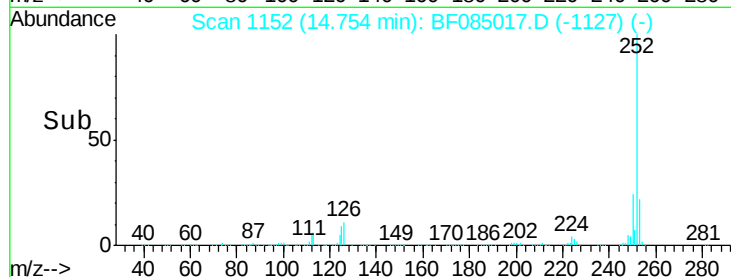
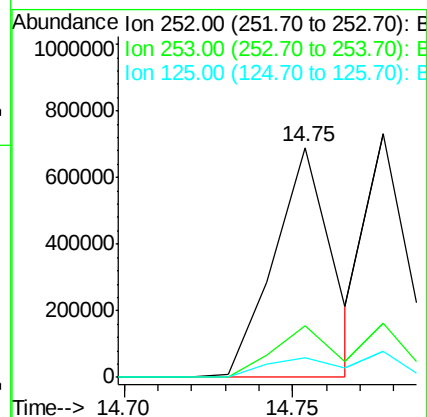
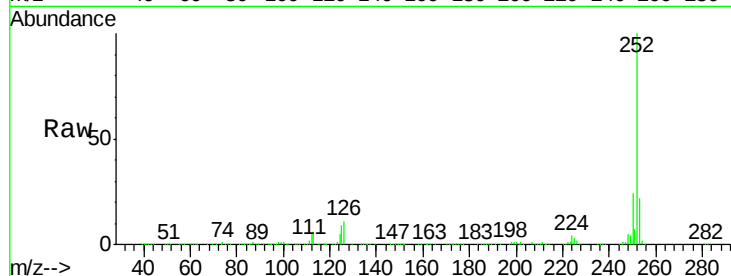
ClientSampleId :

PB88282BSD

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Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.3	25.9
125	8.5	6.5	9.7



#88

Benzo(k)fluoranthene

Concen: 35.35 ng m

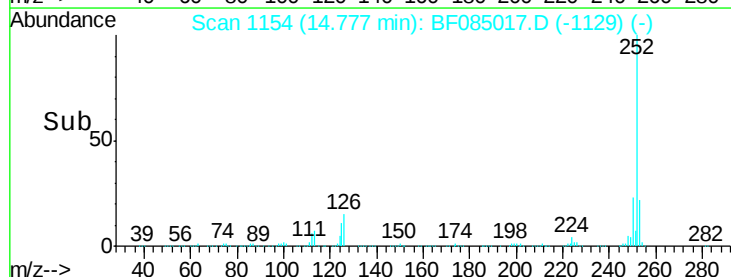
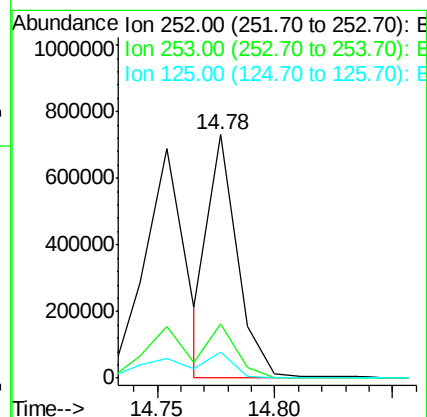
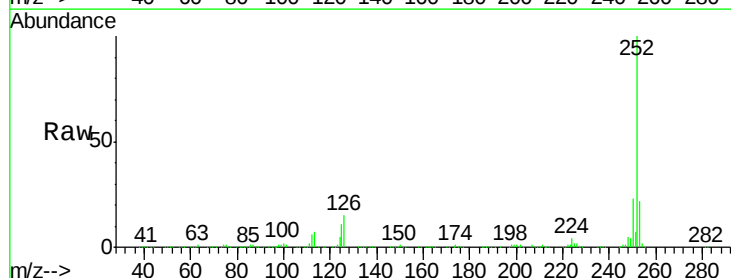
RT: 14.78 min Scan# 1154

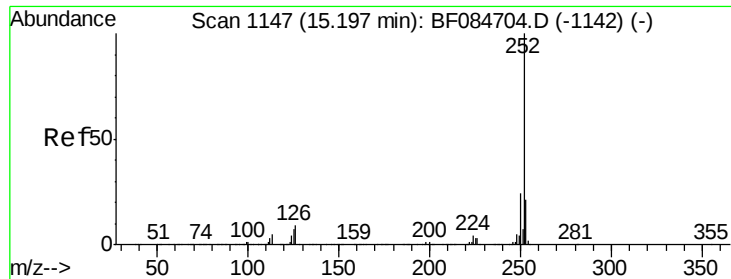
Delta R.T. -0.01 min

Lab File: BF085017.D

Acq: 11 Feb 2016 14:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	10.7	9.0	13.6





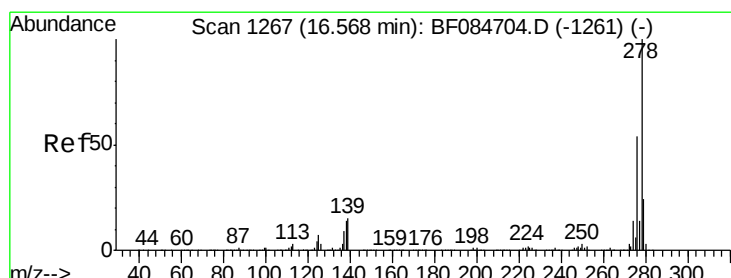
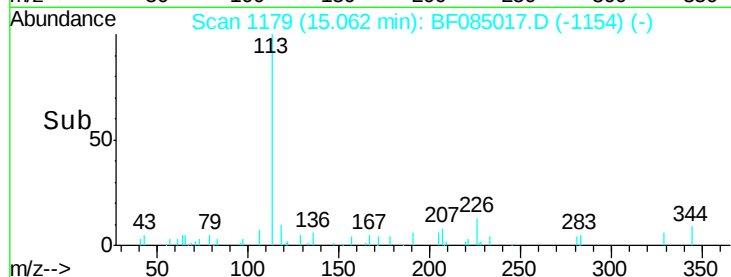
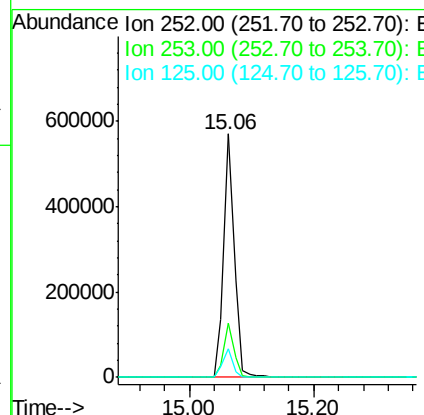
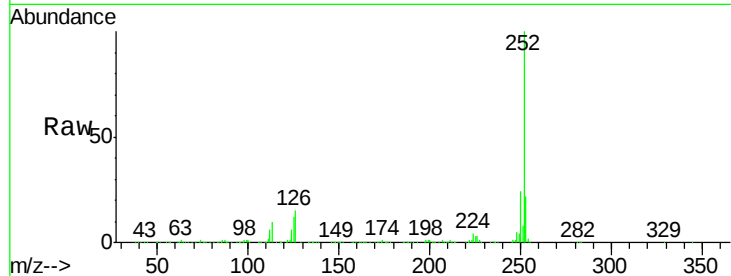
#89
Benzo(a)pyrene
Concen: 36.50 ng
RT: 15.06 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF085017.D
Acq: 11 Feb 2016 14:25

Instrument :
BNA_F
ClientSampleId :
PB88282BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.5	17.3	25.9
125	11.8	7.0	10.4

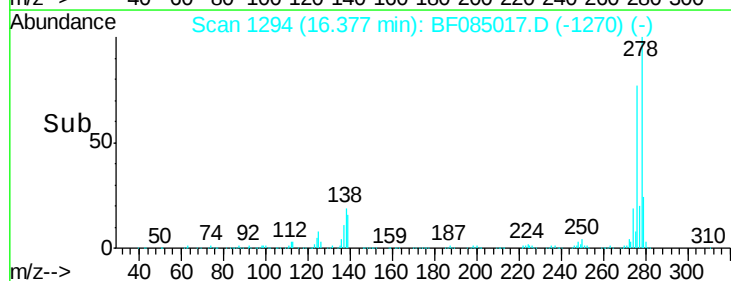
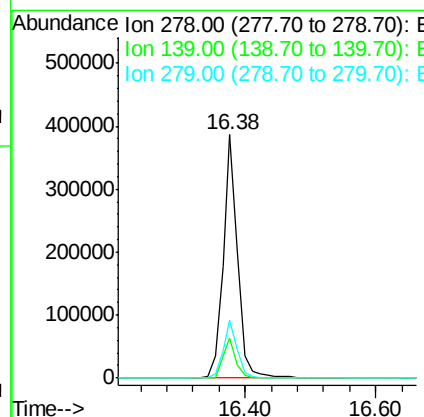
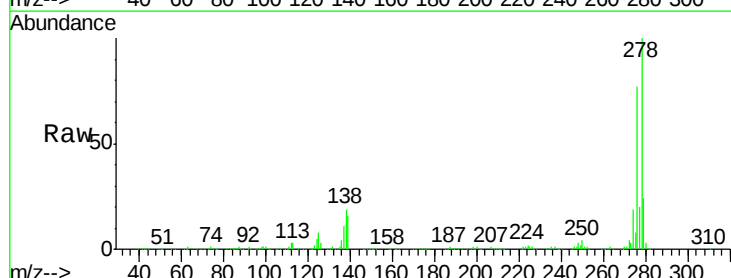
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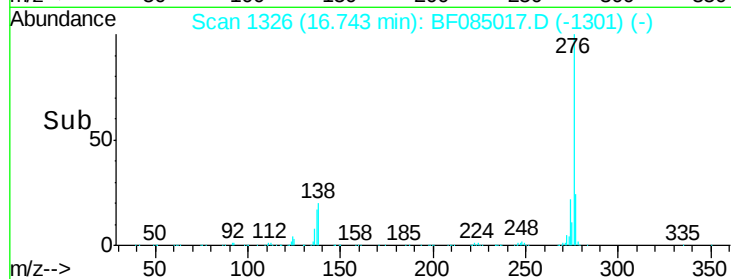
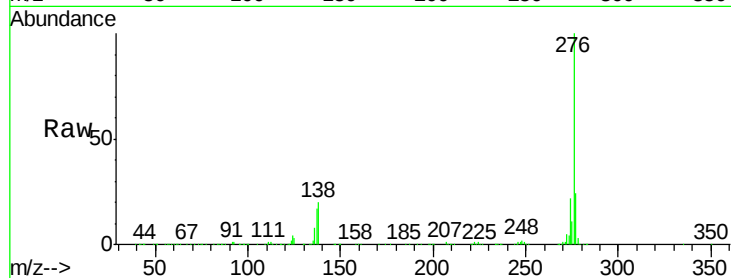
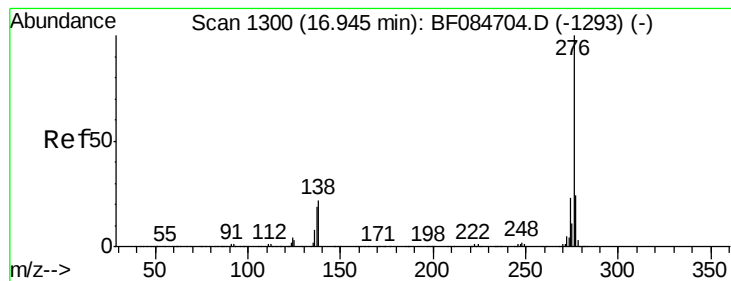
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#90
Dibenzo(a,h)anthracene
Concen: 39.23 ng
RT: 16.38 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BF085017.D
Acq: 11 Feb 2016 14:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	16.2	15.0	22.4
279	23.9	18.9	28.3





#91

Benzo(g,h,i)perylene

Concen: 40.60 ng

RT: 16.74 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF085017.D

Acq: 11 Feb 2016 14:25

Instrument :

BNA_F

ClientSampleId :

PB88282BSD

Tgt Ion:	276	Resp:	626884
Ion Ratio	Lower	Upper	
276	100		
277	23.8	18.8	28.2
138	20.0	17.8	26.6

Manual Integrations
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