

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
 Data File : BF085209.D
 Acq On : 4 Mar 2016 18:18
 Operator : SJ/IZ
 Sample : PB88700BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88700BS

Manual Integrations
 APPROVED

UMANGI
 3/7/2016 3:30:41 PM

Quant Time: Mar 07 10:33:42 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	177811	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	708020	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	327753	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	609601	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	452584	20.00	ng	-0.01
86) Perylene-d12	15.60	264	316912	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	1194937	112.73	ng	0.01
7) Phenol-d6	6.60	99	1507116	108.52	ng	-0.01
23) Nitrobenzene-d5	7.53	82	978584	73.96	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	343084	122.34	ng	-0.01
44) 2-Fluorobiphenyl	9.34	172	1762639	81.79	ng	-0.01
78) Terphenyl-d14	13.09	244	1583842	81.24	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.76	88	158661	29.27	ng	99
3) Pyridine	3.52	79	461531	34.02	ng	98
4) n-Nitrosodimethylamine	3.46	42	199150	34.30	ng	95
6) Aniline	6.63	93	389083	19.99	ng	100
8) 2-Chlorophenol	6.76	128	457917	35.88	ng	97
9) Benzaldehyde	6.52	77	154171	20.42	ng	99
10) Phenol	6.61	94	478725m	32.18	ng	
11) bis(2-Chloroethyl)ether	6.71	93	462192	37.41	ng	96
12) 1,3-Dichlorobenzene	6.92	146	504149	36.80	ng	99
13) 1,4-Dichlorobenzene	6.98	146	474118	34.53	ng	99
14) 1,2-Dichlorobenzene	7.14	146	480656	38.58	ng	99
15) Benzyl Alcohol	7.11	79	397327	38.97	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.25	45	583667	32.78	ng	100
17) 2-Methylphenol	7.22	107	420910	40.42	ng	99
18) Hexachloroethane	7.49	117	185439	36.61	ng	97
19) n-Nitroso-di-n-propylamine	7.38	70	307611	33.98	ng	# 91
20) 3+4-Methylphenols	7.37	107	454310	36.83	ng	97
22) Acetophenone	7.38	105	628711	36.38	ng	# 95
24) Nitrobenzene	7.56	77	534848	39.79	ng	94
25) Isophorone	7.80	82	907296	37.00	ng	99
26) 2-Nitrophenol	7.88	139	260710	39.86	ng	96
27) 2,4-Dimethylphenol	7.91	122	486574	40.70	ng	98
28) bis(2-Chloroethoxy)methane	8.00	93	530851	38.87	ng	99
29) 2,4-Dichlorophenol	8.12	162	388404	40.29	ng	99
30) 1,2,4-Trichlorobenzene	8.20	180	392492	37.66	ng	100
31) Naphthalene	8.28	128	1275371	36.63	ng	99
32) Benzoic acid	8.01	122	224708	28.30	ng	98
33) 4-Chloroaniline	8.32	127	151888	10.79	ng	95
34) Hexachlorobutadiene	8.40	225	212456	39.17	ng	99
35) Caprolactam	8.70	113	133473m	42.39	ng	
36) 4-Chloro-3-methylphenol	8.80	107	407790	37.29	ng	97
37) 2-Methylnaphthalene	8.97	142	917693	41.08	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	342396	36.53	ng	99
40) Hexachlorocyclopentadiene	9.13	237	409883	81.08	ng	96

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Quant Time: Mar 07 10:33:42 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	290633	41.65	nq	97
43) 2,4,5-Trichlorophenol	9.29	196	253764	38.36	nq #	86
45) 1,1'-Biphenyl	9.43	154	1002554	35.80	nq	99
46) 2-Chloronaphthalene	9.46	162	832216	38.99	nq	97
47) 2-Nitroaniline	9.56	65	275418	41.64	nq #	75
48) Acenaphthylene	9.88	152	1218053	36.67	nq	99
49) Dimethylphthalate	9.74	163	1000721	39.78	nq	100
50) 2,6-Dinitrotoluene	9.80	165	211199	39.24	nq	98
51) Acenaphthene	10.05	154	818152	40.56	nq	99
52) 3-Nitroaniline	9.96	138	107546	16.70	nq #	71
53) 2,4-Dinitrophenol	10.07	184	205916	75.86	nq #	48
54) Dibenzofuran	10.22	168	1040730	39.38	nq	99
55) 4-Nitrophenol	10.13	139	383025	75.70	nq	86
56) 2,4-Dinitrotoluene	10.20	165	265257	38.51	nq	90
57) Fluorene	10.56	166	786972	37.91	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	194319	41.81	nq	99
59) Diethylphthalate	10.44	149	935613	38.33	nq	97
60) 4-Chlorophenyl-phenylether	10.55	204	372004	36.83	nq	92
61) 4-Nitroaniline	10.58	138	225892	37.51	nq	79
62) Azobenzene	10.71	77	975701	40.57	nq	96
64) 4,6-Dinitro-2-methylphenol	10.61	198	144251	39.52	nq	80
65) n-Nitrosodiphenylamine	10.68	169	792943	41.82	nq	99
66) 4-Bromophenyl-phenylether	11.04	248	221441	37.41	nq #	86
67) Hexachlorobenzene	11.11	284	236319	37.42	nq #	81
68) Atrazine	11.20	200	266065	50.46	nq	94
69) Pentachlorophenol	11.30	266	290183	82.79	nq	99
70) Phenanthrene	11.52	178	1185872	37.12	nq	99
71) Anthracene	11.58	178	1311435	38.67	nq	99
72) Carbazole	11.73	167	1049468	35.29	nq	99
73) Di-n-butylphthalate	12.06	149	1438131	38.26	nq	99
74) Fluoranthene	12.71	202	1150079	35.87	nq	97
76) Benzidine	12.82	184	380670	28.26	nq	99
77) Pyrene	12.94	202	1158622	34.01	nq	99
79) Butylbenzylphthalate	13.56	149	586431	37.94	nq #	81
80) Benzo(a)anthracene	14.13	228	995469	36.74	nq	99
81) 3,3'-Dichlorobenzidine	14.08	252	133222	15.59	nq	99
82) Chrysene	14.16	228	739236	29.54	nq	99
83) Bis(2-ethylhexyl)phthalate	14.12	149	741667	36.46	nq #	96
84) Di-n-octyl phthalate	14.72	149	1083116	34.96	nq	98
85) Indeno(1,2,3-cd)pyrene	17.08	276	718130	36.77	nq	99
87) Benzo(b)fluoranthene	15.18	252	797365	37.75	nq #	96
88) Benzo(k)fluoranthene	15.20	252	657609m	38.60	nq	
89) Benzo(a)pyrene	15.55	252	676343	38.64	nq #	97
90) Dibenzo(a,h)anthracene	17.10	278	608381	40.72	nq	98
91) Benzo(g,h,i)perylene	17.53	276	609911	40.59	nq	98

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

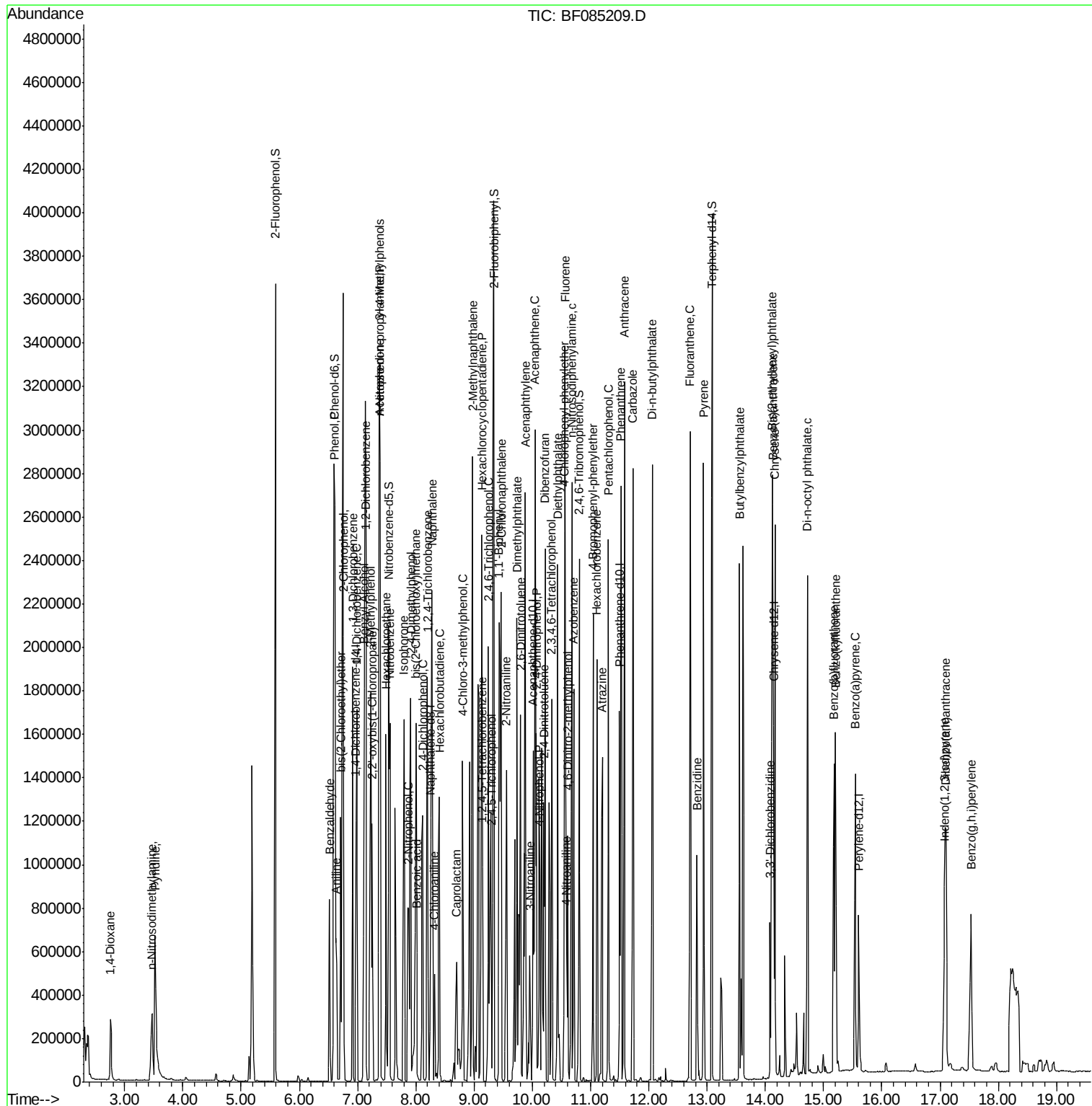
Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
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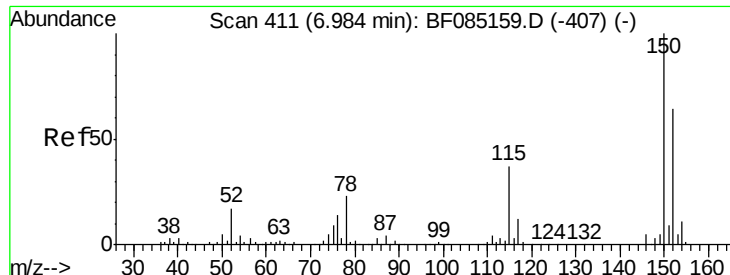
Instrument :
BNA_F
Client Sample ID :
PB88700BS

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#1

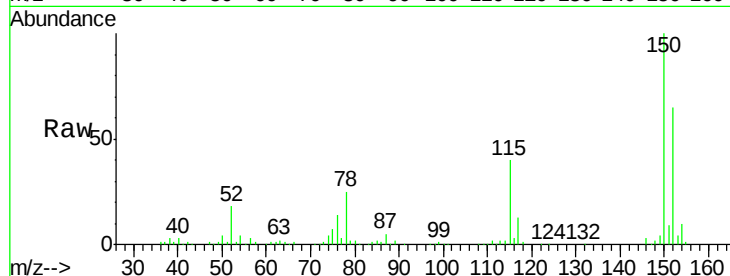
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF085209.D
Acq: 4 Mar 2016 18:18

Instrument :
BNA_F
ClientSampleId :
PB88700BS

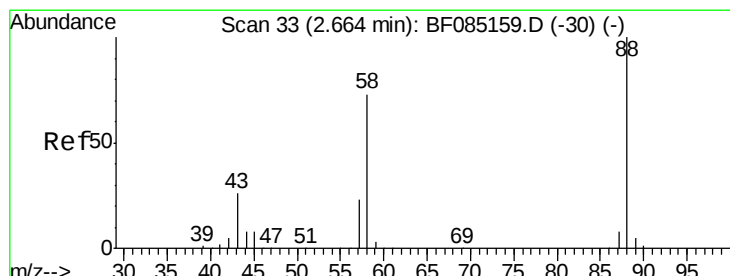
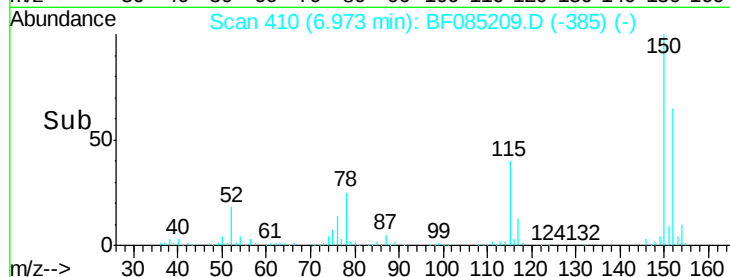
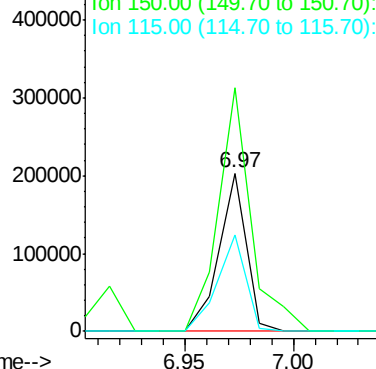
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	124.6	186.8
115	60.8	46.6	70.0

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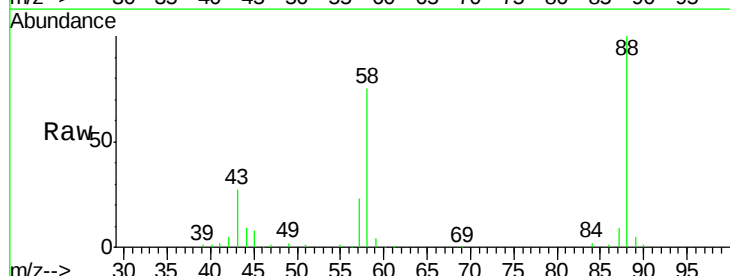
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



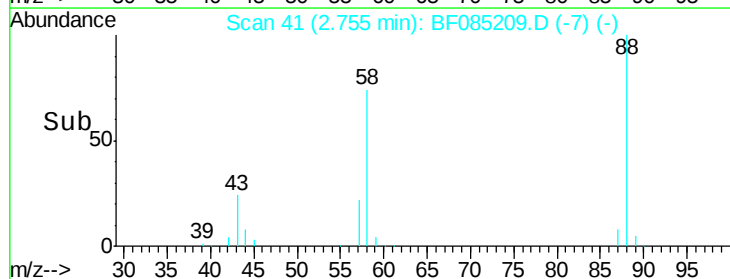
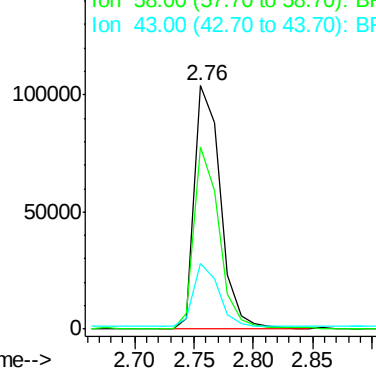
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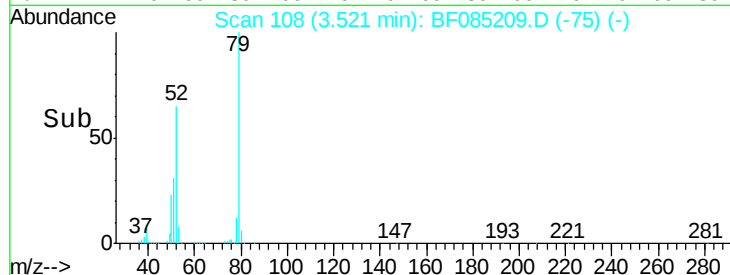
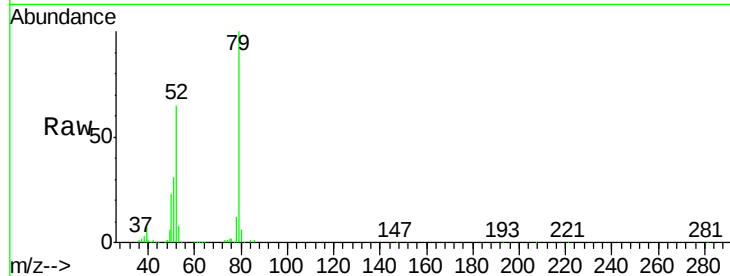
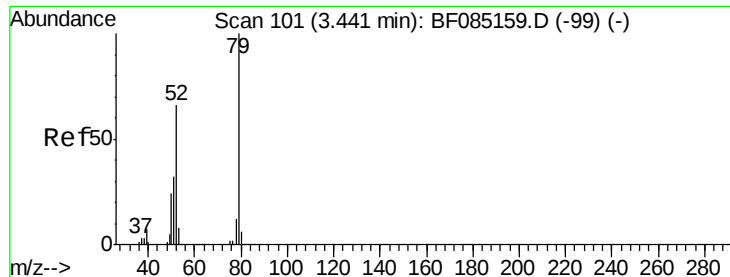
1,4-Dioxane
Concen: 29.27 ng
RT: 2.76 min Scan# 41
Delta R.T. 0.09 min
Lab File: BF085209.D
Acq: 4 Mar 2016 18:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.6	57.0	85.6
43	25.3	20.5	30.7



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





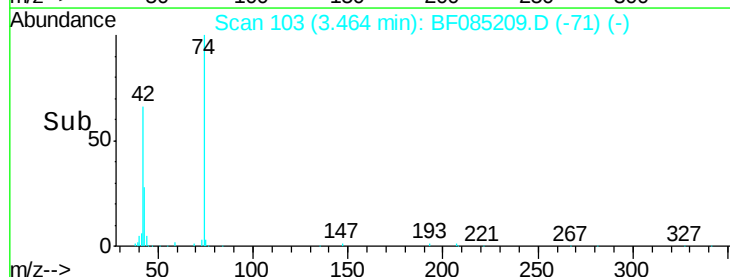
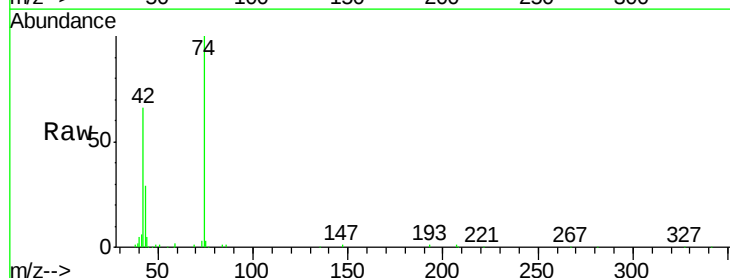
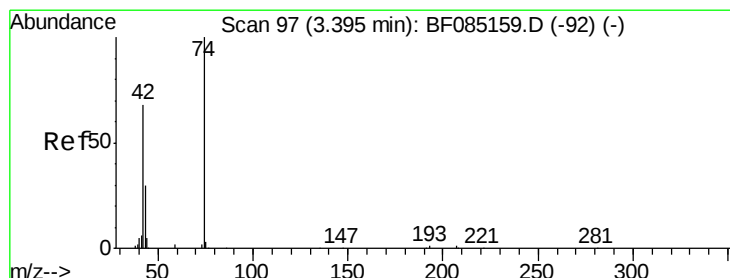
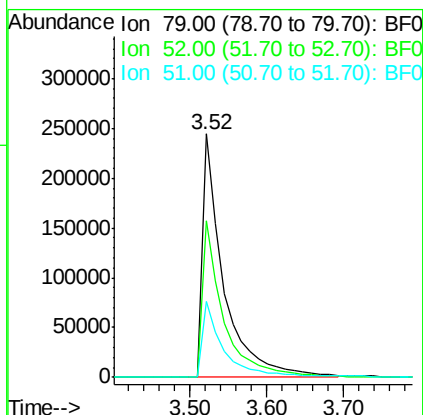
#3
Pvridine
Concen: 34.02 ng
RT: 3.52 min Scan# 108
Delta R.T. 0.08 min
Lab File: BF085209.D
Acq: 4 Mar 2016 18:18

Tot Ion	Ratio	Lower	Upper
79	100		
52	64.5	52.6	79.0
51	31.4	25.8	38.8

Instrument :
BNA_F
ClientSampleId :
PB88700BS

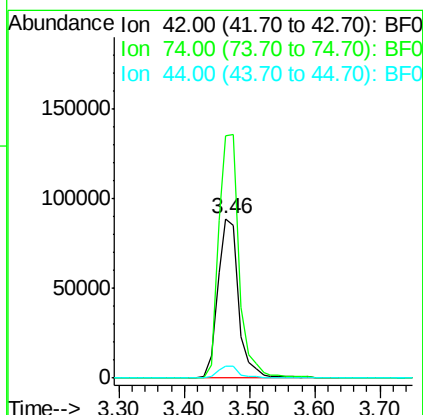
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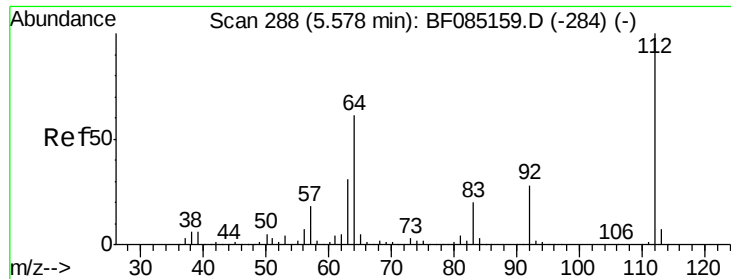
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#4
n-Nitrosodimethylamine
Concen: 34.30 ng
RT: 3.46 min Scan# 103
Delta R.T. 0.07 min
Lab File: BF085209.D
Acq: 4 Mar 2016 18:18

Tgt Ion	Ratio	Lower	Upper
42	100		
74	152.3	116.8	175.2
44	7.1	5.5	8.3





#5

2-Fluorophenol

Concen: 112.73 ng

RT: 5.59 min Scan# 289

Delta R.T. 0.01 min

Lab File: BF085209.D

Acq: 4 Mar 2016 18:18

Instrument :

BNA_F

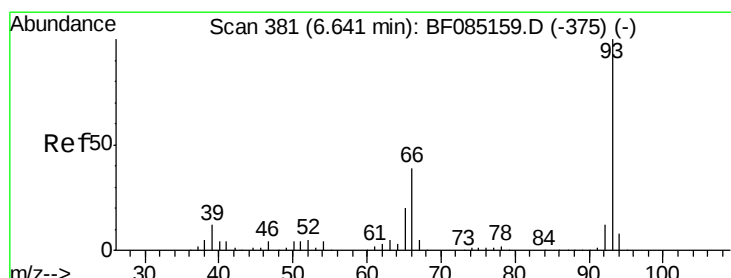
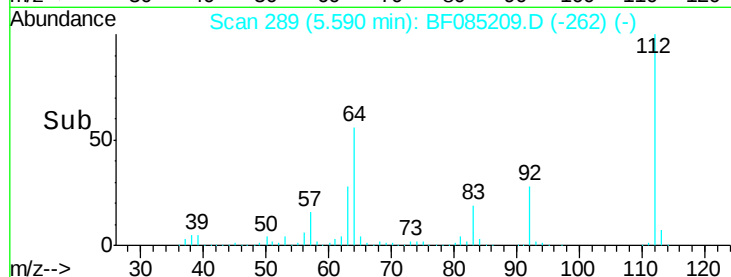
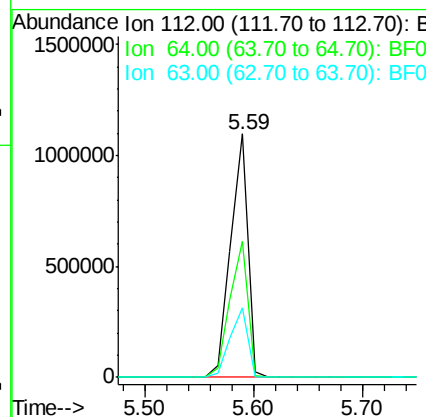
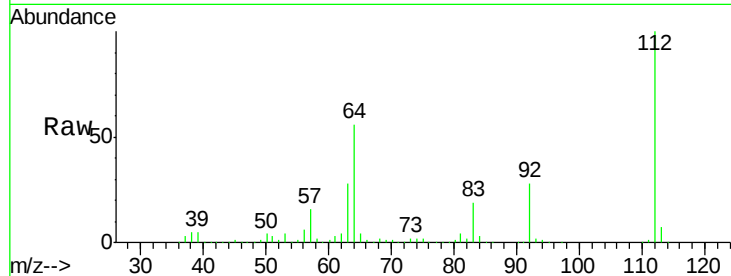
ClientSampled :

PB88700BS

Tot Ion:	112	Resp:	1194937
Ion	Ratio	Lower	Upper
112	100		
64	56.1	49.0	73.4
63	28.4	24.8	37.2

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#6

Aniline

Concen: 19.99 ng

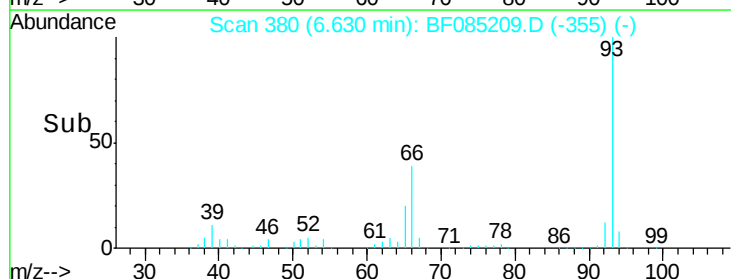
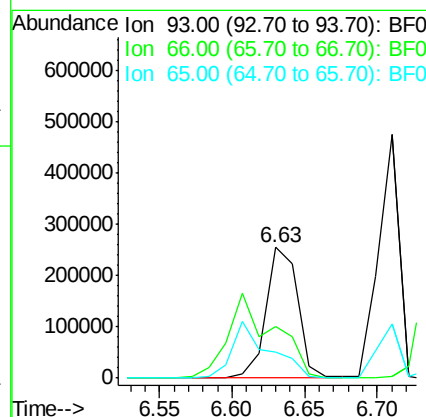
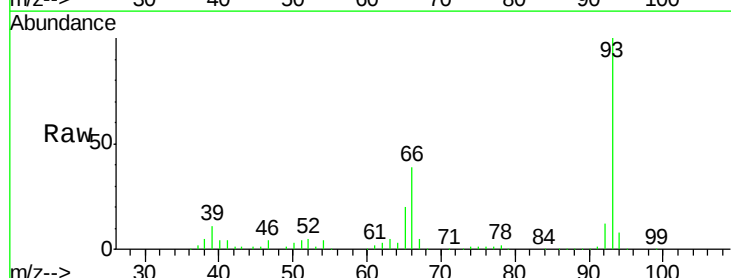
RT: 6.63 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF085209.D

Acq: 4 Mar 2016 18:18

Tgt Ion:	93	Resp:	389083
Ion	Ratio	Lower	Upper
93	100		
66	39.5	31.6	47.4
65	19.7	15.8	23.8





#7

Phenol-d6

Concen: 108.52 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF085209.D

Acq: 4 Mar 2016 18:18

Instrument :

BNA_F

ClientSampleId :

PB88700BS

Tot Ion: 99 Resp: 1507116

Ion Ratio Lower Upper

99 100

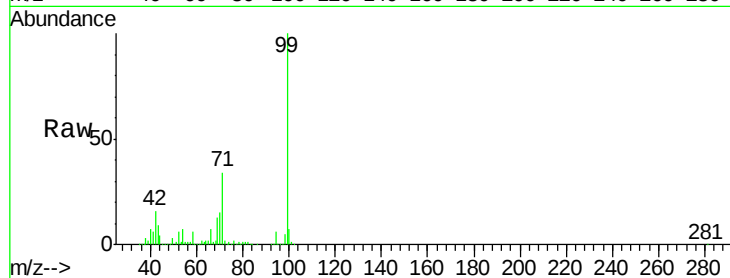
42 16.5 13.6 20.4

71 33.9 26.7 40.1

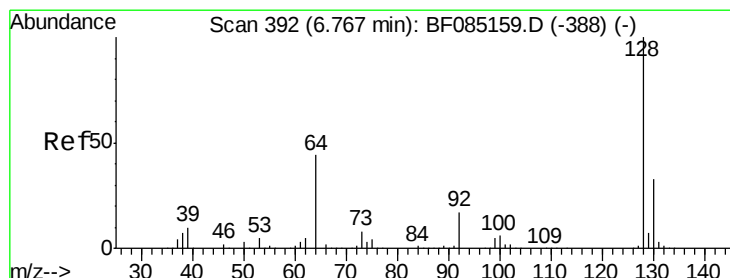
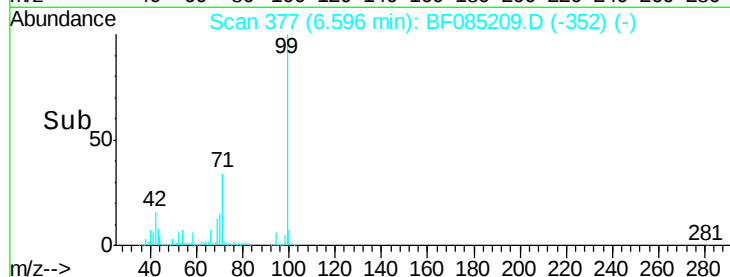
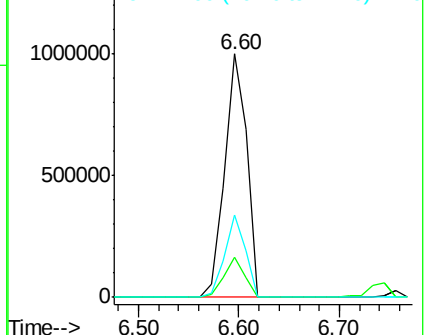
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 35.88 ng

RT: 6.76 min Scan# 391

Delta R.T. -0.01 min

Lab File: BF085209.D

Acq: 4 Mar 2016 18:18

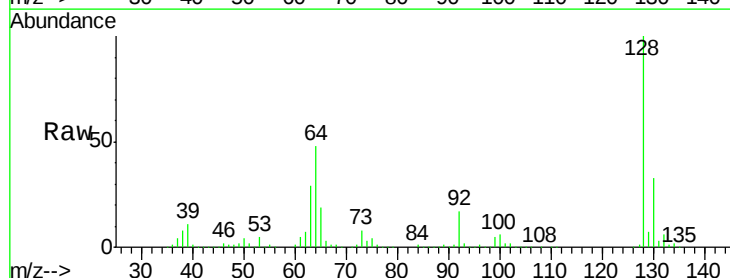
Tgt Ion: 128 Resp: 457917

Ion Ratio Lower Upper

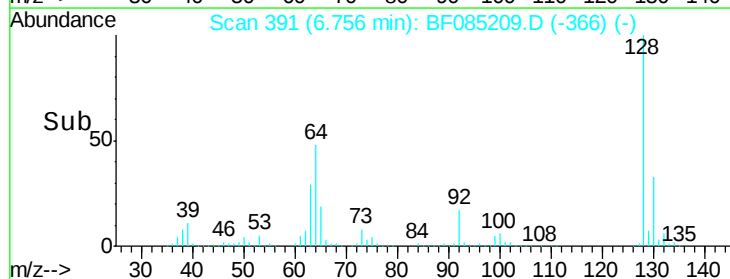
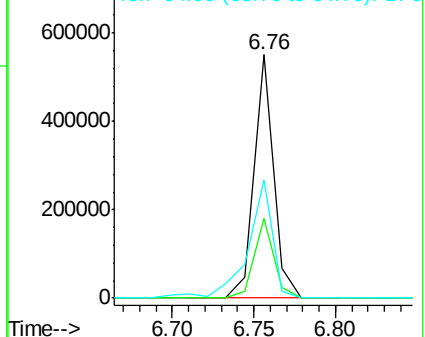
128 100

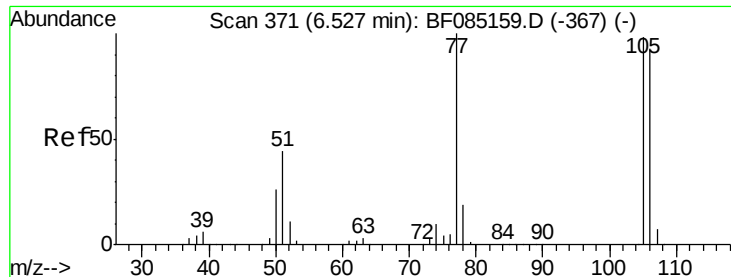
130 32.7 13.3 53.3

64 48.3 25.7 65.7



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





#9

Benzaldehyde

Concen: 20.42 ng

RT: 6.52 min Scan# 370

Delta R.T. -0.01 min

Lab File: BF085209.D

Acq: 4 Mar 2016 18:18

Instrument :

BNA_F

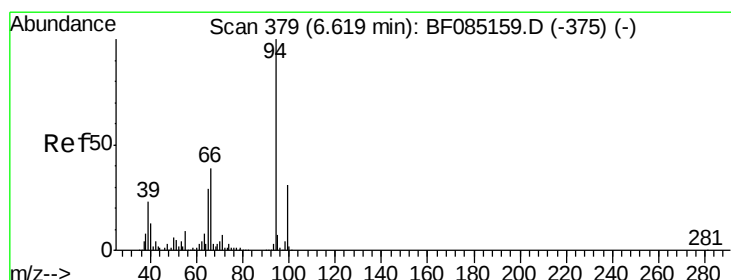
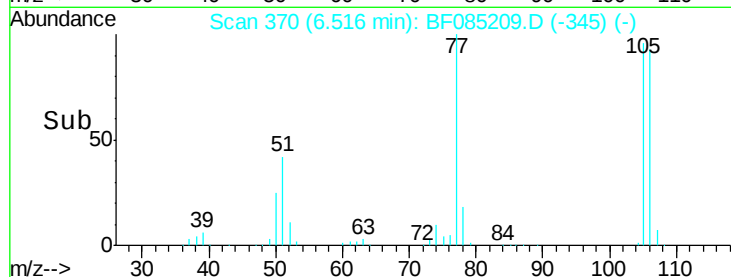
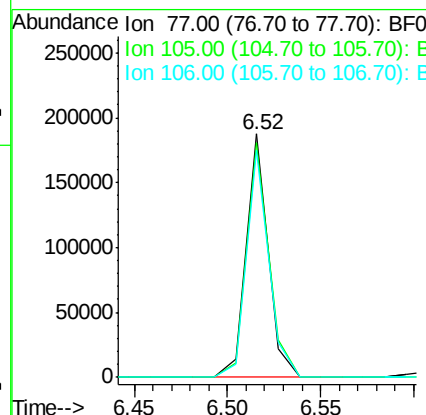
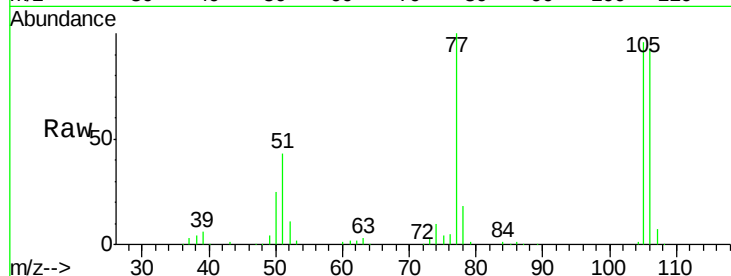
ClientSampleId :

PB88700BS

Tot Ion:	77	Resp:	154171
Ion Ratio	Lower	Upper	
77	100		
105	96.3	78.2	118.2
106	93.4	72.9	112.9

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#10

Phenol

Concen: 32.18 ng m

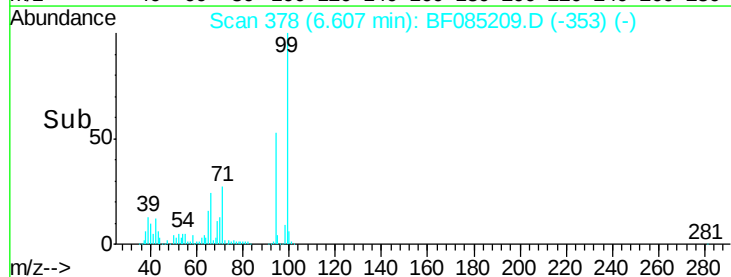
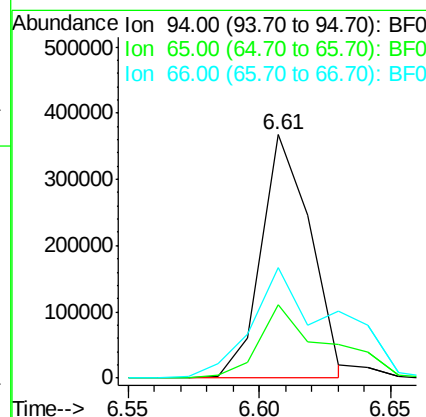
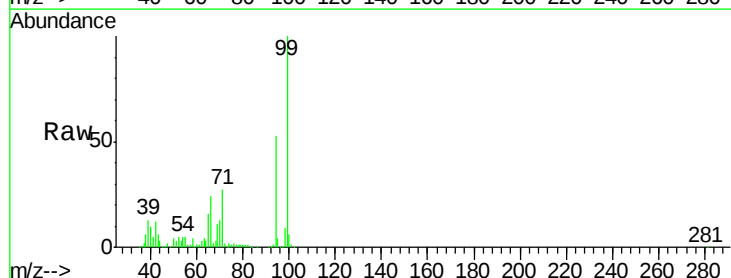
RT: 6.61 min Scan# 378

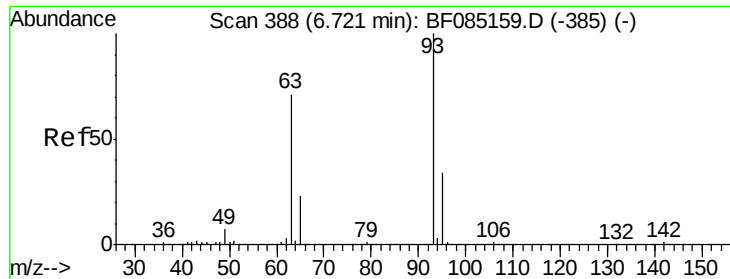
Delta R.T. -0.01 min

Lab File: BF085209.D

Acq: 4 Mar 2016 18:18

Tgt Ion:	94	Resp:	478725
Ion Ratio	Lower	Upper	
94	100		
65	30.3	9.1	49.1
66	45.2	19.3	59.3





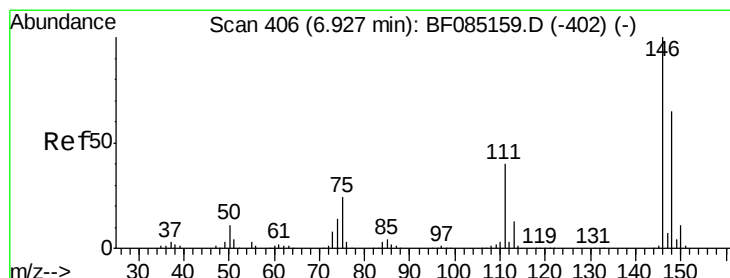
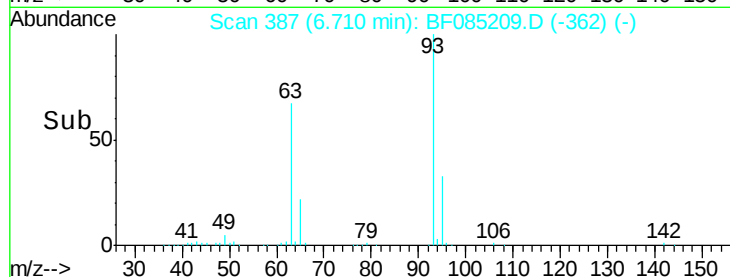
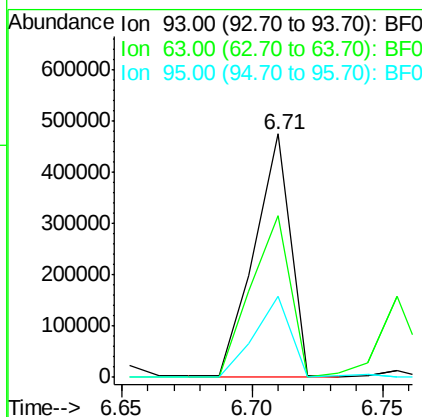
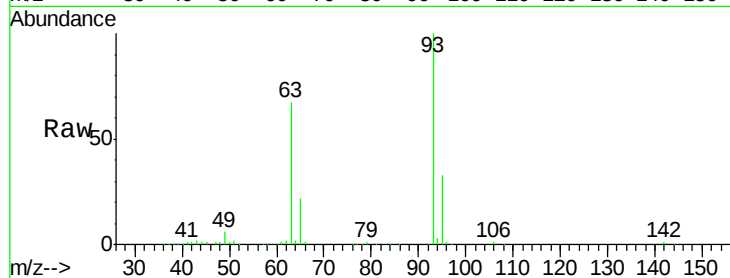
#11
bis(2-Chloroethyl)ether
Concen: 37.41 ng
RT: 6.71 min Scan# 387
Delta R.T. -0.01 min
Lab File: BF085209.D
Acq: 4 Mar 2016 18:18

Instrument :
BNA_F
ClientSampleId :
PB88700BS

Tot Ion:	93	Resp:	462192
Ion Ratio	Lower	Upper	
93	100		
63	66.6	50.9	90.9
95	33.2	13.7	53.7

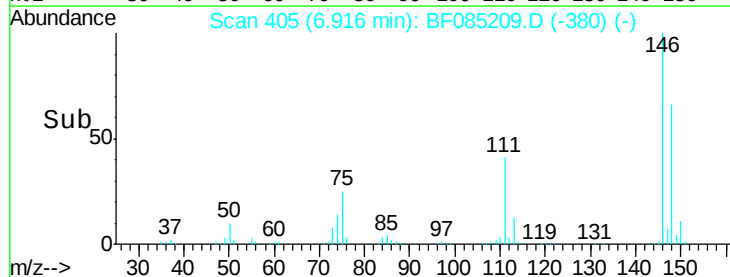
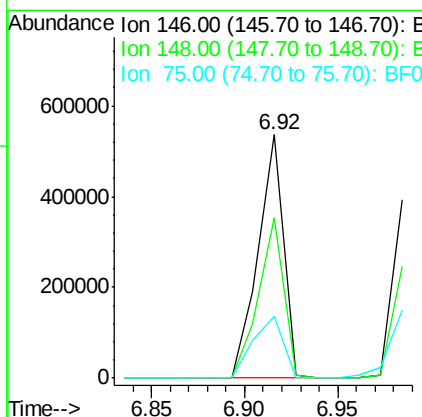
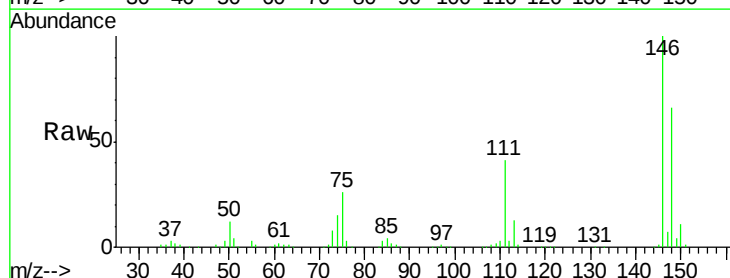
Manual Integrations
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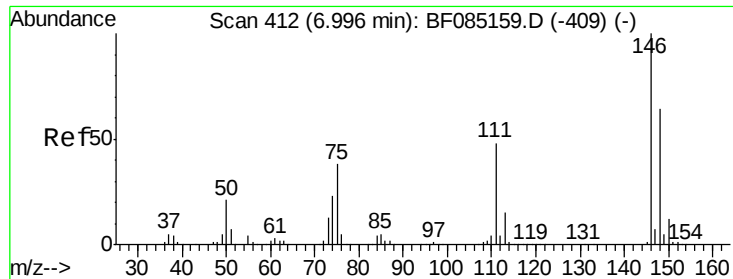
UMANGI
3/7/2016 3:30:41 PM



#12
1,3-Dichlorobenzene
Concen: 36.80 ng
RT: 6.92 min Scan# 405
Delta R.T. -0.01 min
Lab File: BF085209.D
Acq: 4 Mar 2016 18:18

Tgt Ion:	146	Resp:	504149
Ion Ratio	Lower	Upper	
146	100		
148	65.7	52.1	78.1
75	25.6	19.5	29.3





#13

1,4-Dichlorobenzene

Concen: 34.53 ng

RT: 6.98 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF085209.D

Acq: 4 Mar 2016 18:18

Instrument :

BNA_F

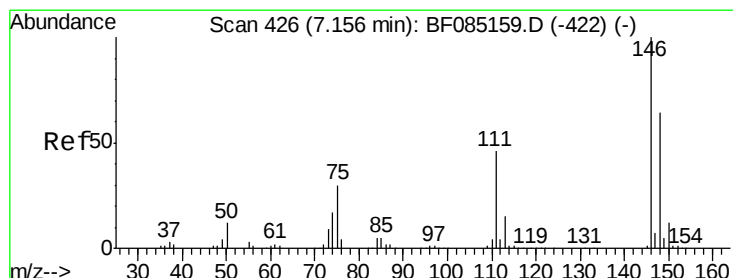
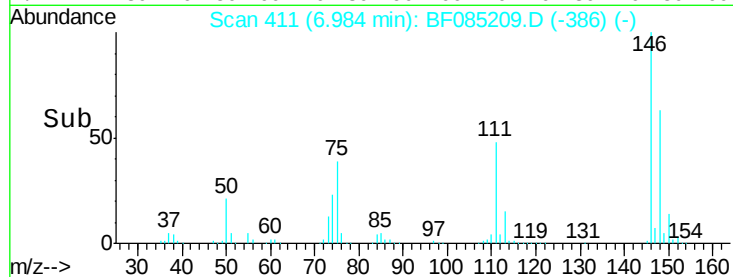
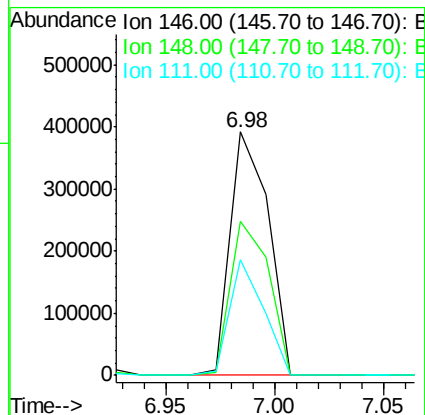
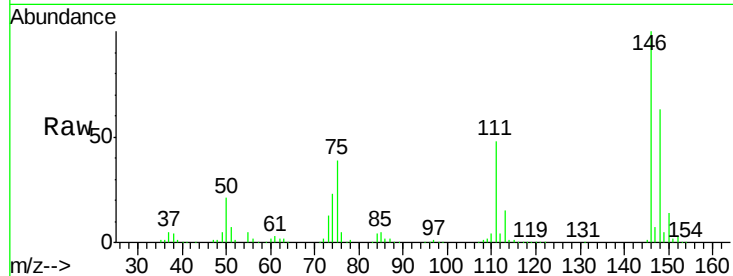
ClientSampled :

PB88700BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.3	76.9
111	47.5	38.4	57.6

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#14

1,2-Dichlorobenzene

Concen: 38.58 ng

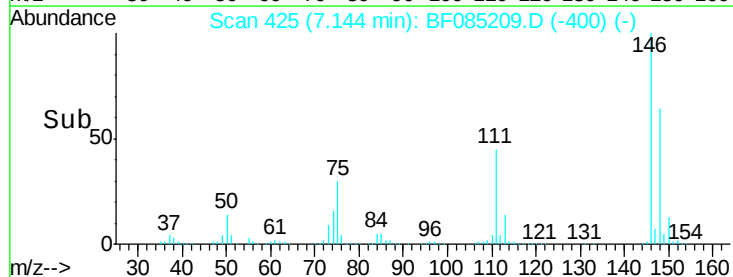
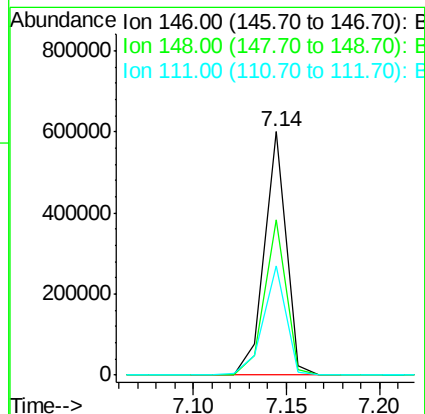
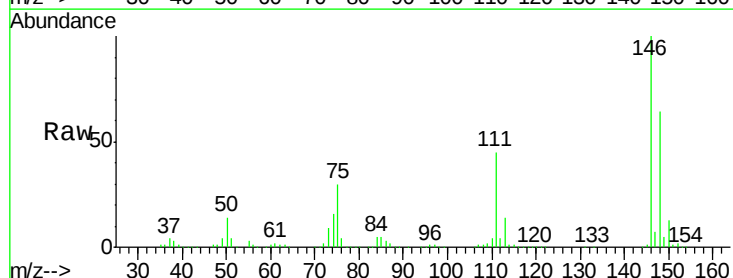
RT: 7.14 min Scan# 425

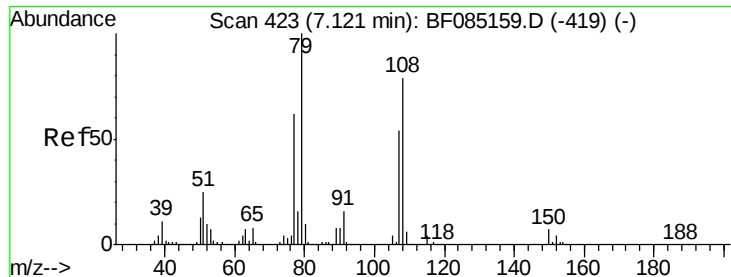
Delta R.T. -0.01 min

Lab File: BF085209.D

Acq: 4 Mar 2016 18:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.4	77.2
111	44.7	36.7	55.1





#15

Benzyl Alcohol

Concen: 38.97 ng

RT: 7.11 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF085209.D

Acq: 4 Mar 2016 18:18

Instrument :

BNA_F

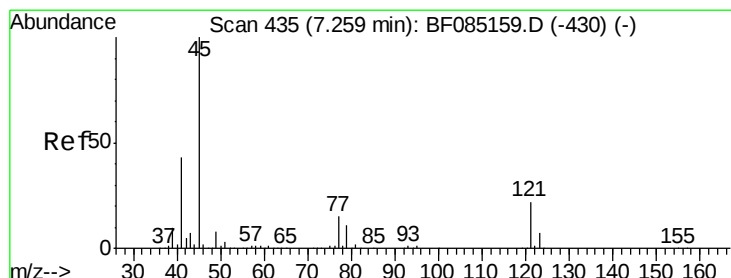
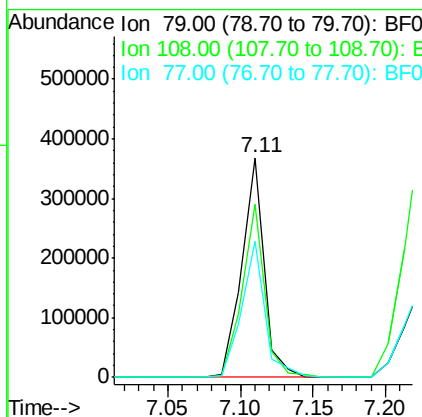
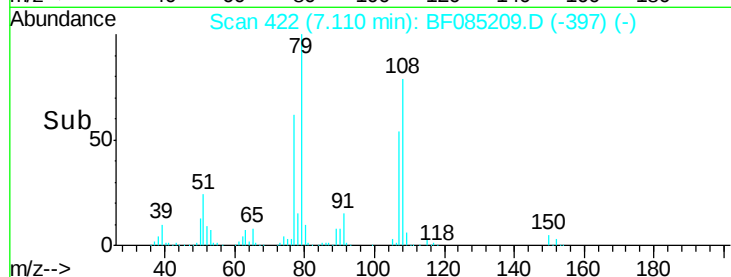
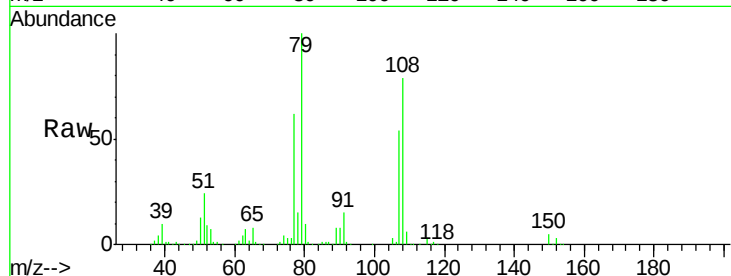
ClientSampleId :

PB88700BS

Tot Ion:	79	Resp:	397327
Ion Ratio	Lower	Upper	
79	100		
108	79.0	62.9	94.3
77	61.9	49.5	74.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.78 ng

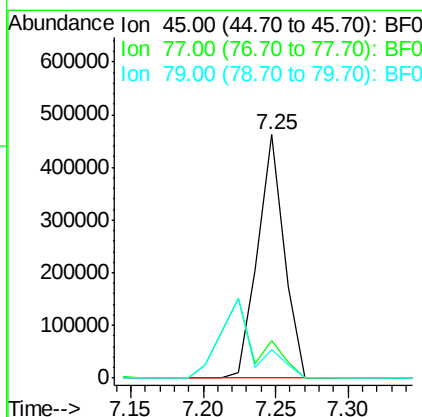
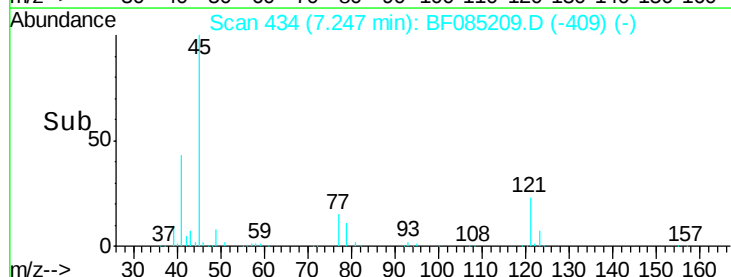
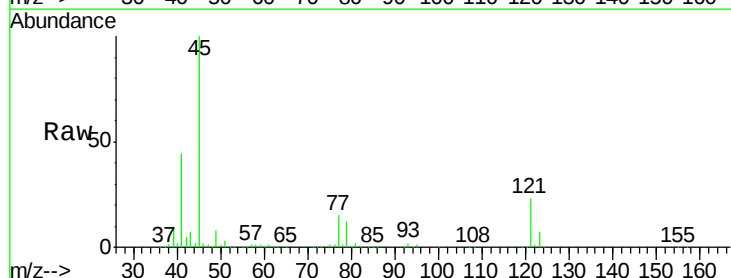
RT: 7.25 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF085209.D

Acq: 4 Mar 2016 18:18

Tgt Ion:	45	Resp:	583667
Ion Ratio	Lower	Upper	
45	100		
77	15.2	0.0	35.1
79	11.6	0.0	31.3





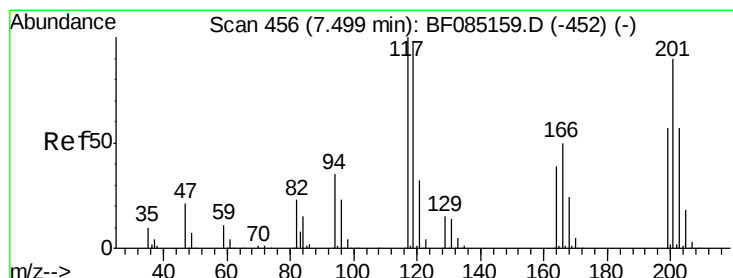
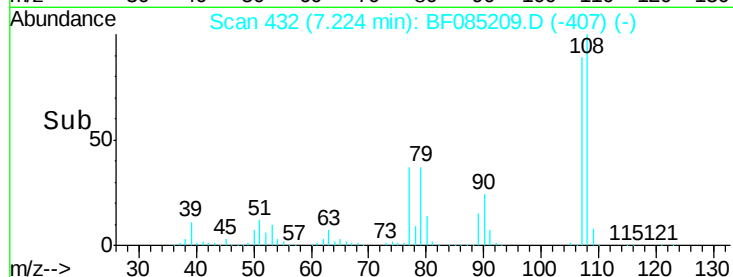
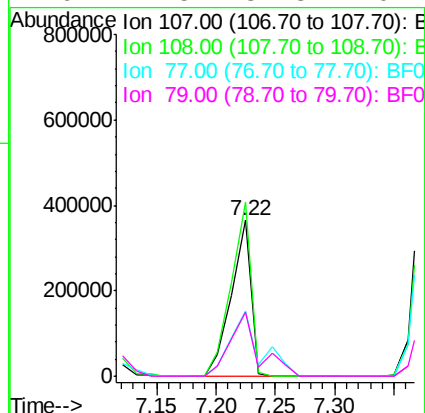
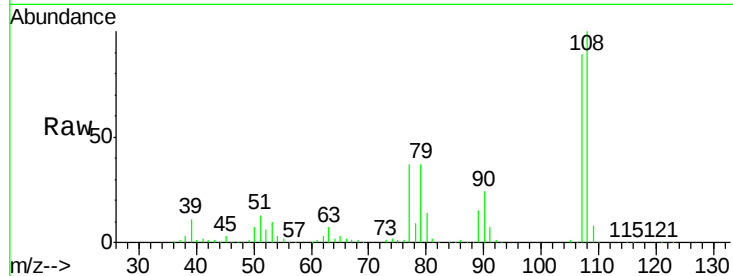
#17
2-Methylphenol
Concen: 40.42 ng
RT: 7.22 min Scan# 432
Delta R.T. -0.01 min
Lab File: BF085209.D
Acq: 4 Mar 2016 18:18

Instrument :
BNA_F
ClientSampleId :
PB88700BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	420910		
108	112.1	90.9	136.3	
77	41.8	32.6	48.8	
79	41.5	32.8	49.2	

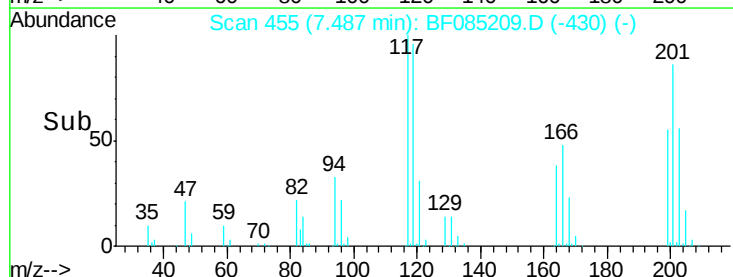
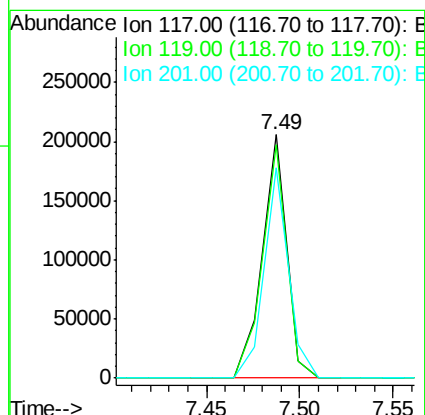
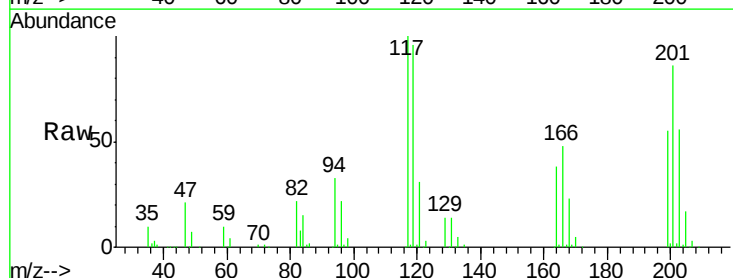
Manual Integrations
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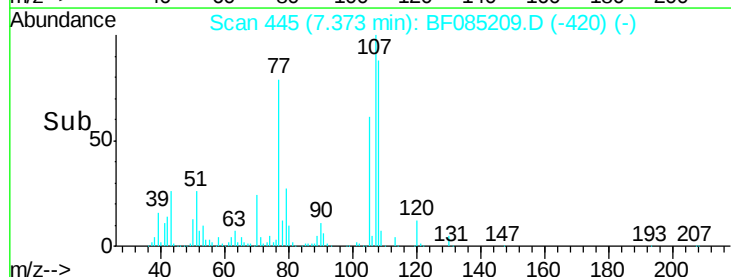
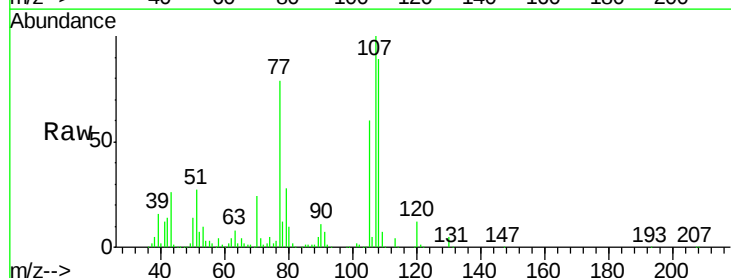
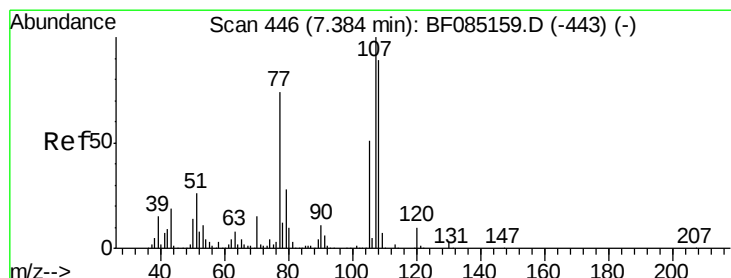
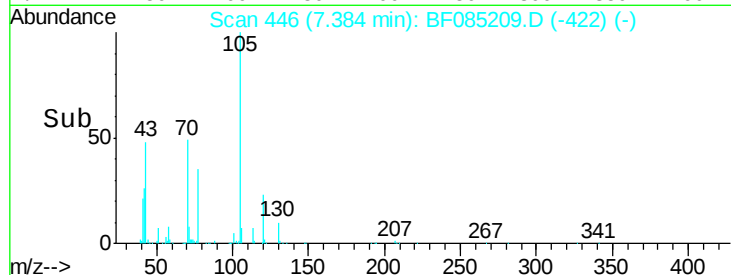
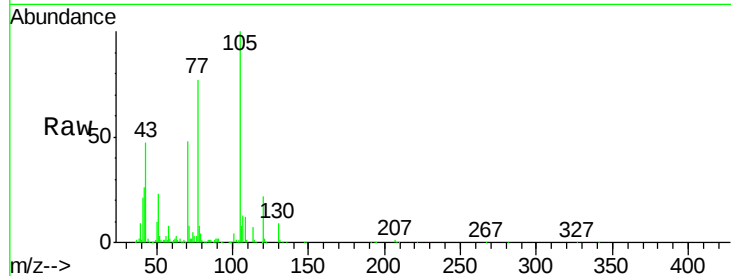
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#18
Hexachloroethane
Concen: 36.61 ng
RT: 7.49 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF085209.D
Acq: 4 Mar 2016 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	185439		
119	96.1	78.2	117.4	
201	86.2	72.0	108.0	





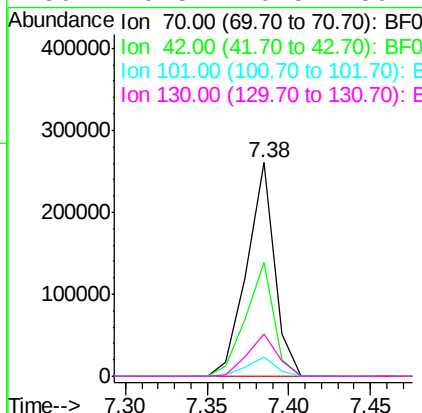
#19
n-Nitroso-di-n-propylamine
Concen: 33.98 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.02 min
Lab File: BF085209.D
Acq: 4 Mar 2016 18:18

Instrument :
BNA_F
ClientSampleId :
PB88700BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	53.3	37.7	56.5		
101	9.2	8.2	12.4		
130	19.5	20.5	30.7#		

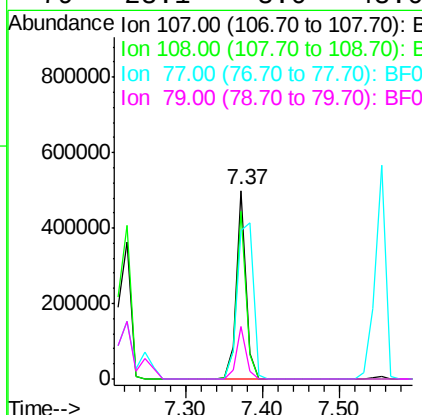
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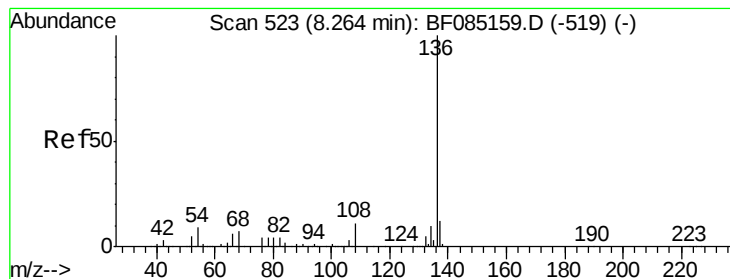
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#20
3+4-Methylphenols
Concen: 36.83 ng
RT: 7.37 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF085209.D
Acq: 4 Mar 2016 18:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	88.5	68.8	108.8		
77	78.8	53.6	93.6		
79	28.1	8.0	48.0		





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.25 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF085209.D

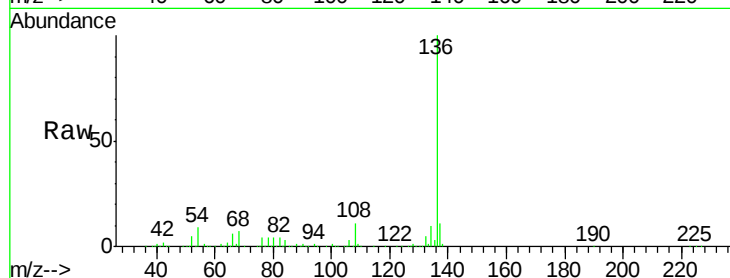
Acq: 4 Mar 2016 18:18

Instrument :

BNA_F

ClientSampleId :

PB88700BS



Tot Ion:136 Resp: 708020

Ion Ratio Lower Upper

136 100

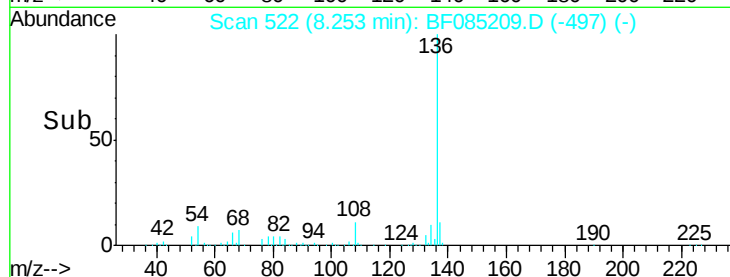
137 11.4 9.3 13.9

54 9.2 7.4 11.2

68 7.4 6.0 9.0

Manual Integrations
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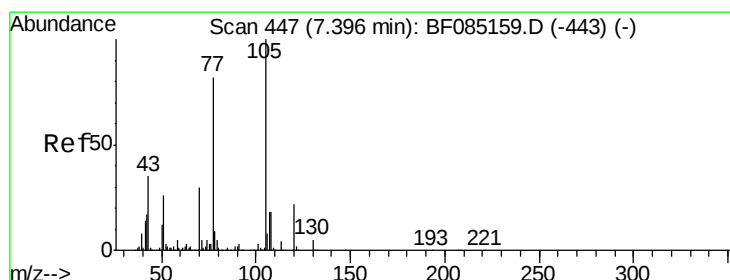
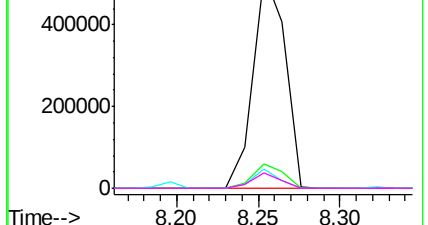


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

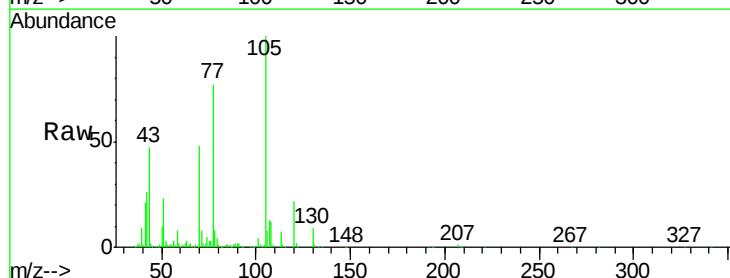
Concen: 36.38 ng

RT: 7.38 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF085209.D

Acq: 4 Mar 2016 18:18



Tgt Ion:105 Resp: 628711

Ion Ratio Lower Upper

105 100

71 8.2 4.1 6.1#

51 22.9 21.1 31.7

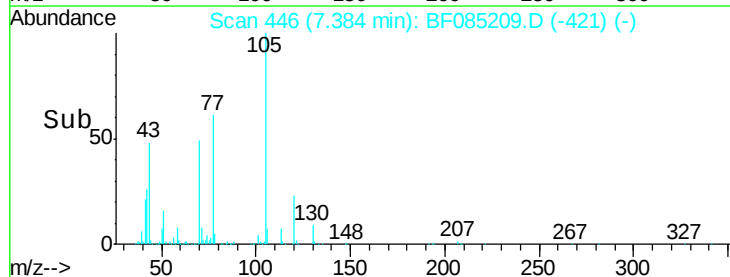
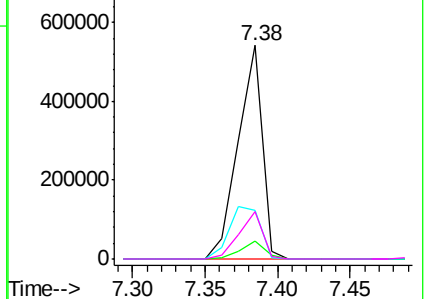
120 22.3 17.3 25.9

Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





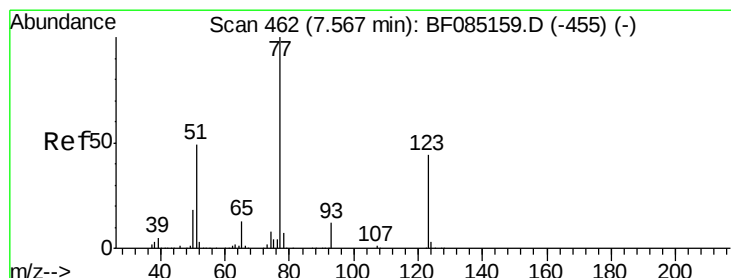
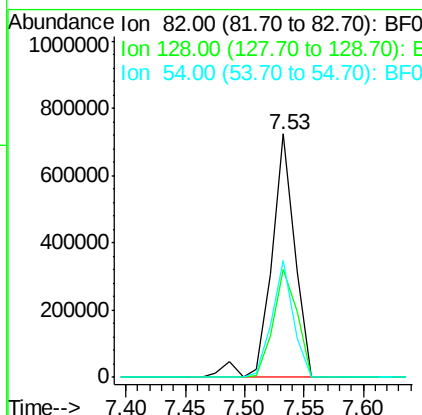
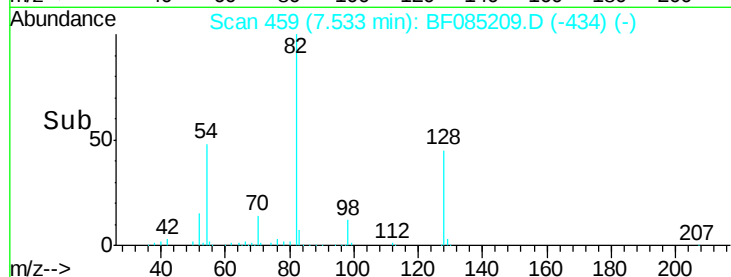
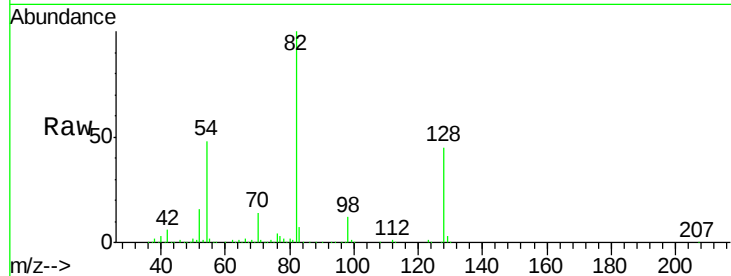
#23
Nitrobenzene-d5
Concen: 73.96 ng
RT: 7.53 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF085209.D
Acq: 4 Mar 2016 18:18

Instrument :
BNA_F
ClientSampleId :
PB88700BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.5	34.5	51.7
54	48.0	39.3	58.9

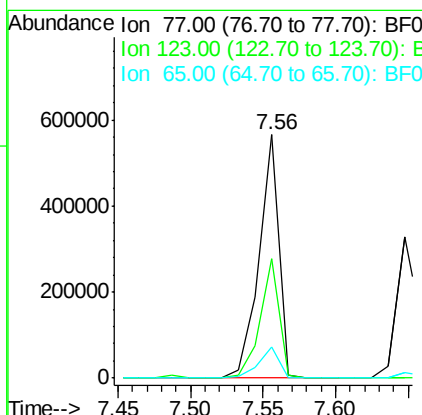
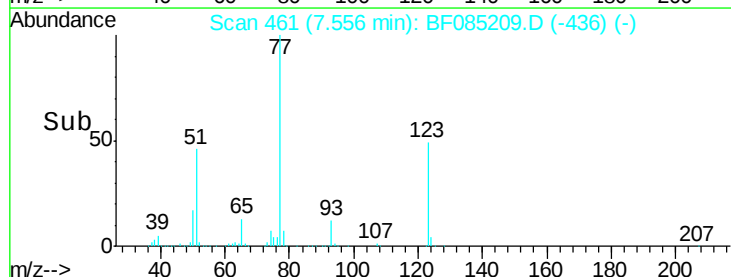
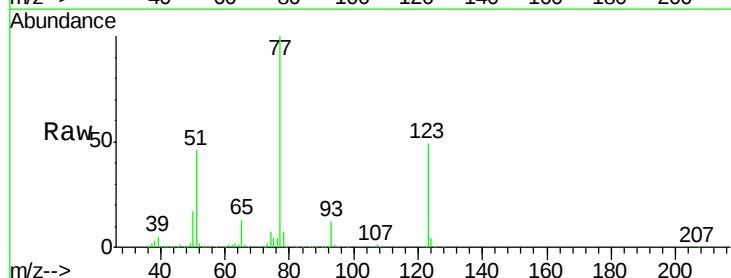
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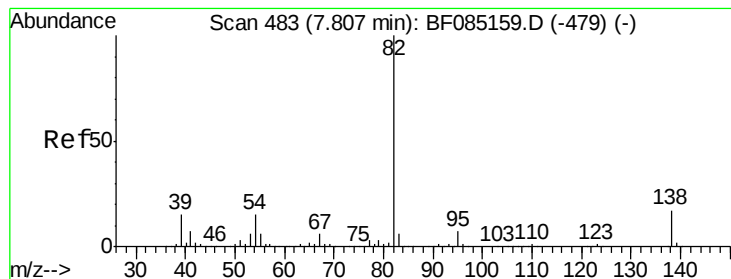
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#24
Nitrobenzene
Concen: 39.79 ng
RT: 7.56 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF085209.D
Acq: 4 Mar 2016 18:18

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.9	35.4	53.2
65	12.8	10.6	16.0





#25

Isophorone

Concen: 37.00 ng

RT: 7.80 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF085209.D

Acq: 4 Mar 2016 18:18

Instrument :

BNA_F

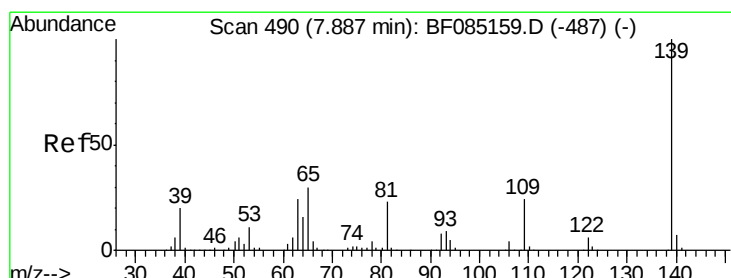
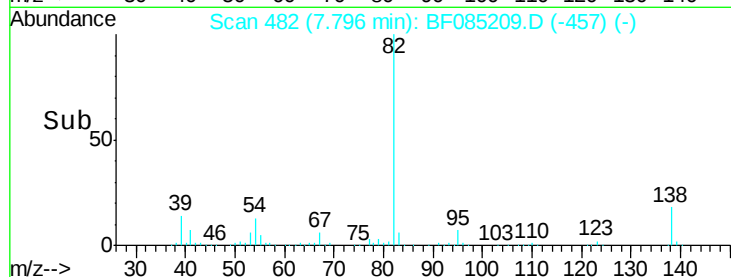
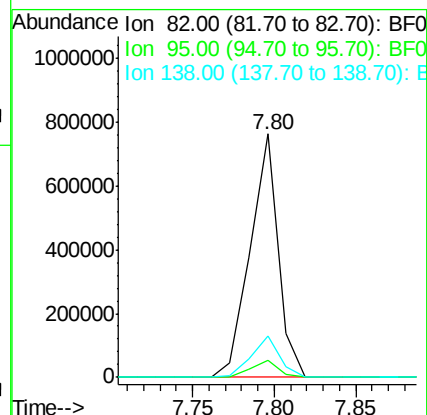
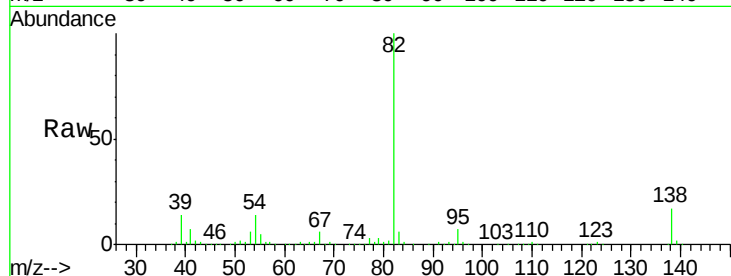
ClientSampleId :

PB88700BS

Tot Ion:	82	Resp:	907296
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.4	8.2
138	17.2	13.3	19.9

Manual Integrations
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#26

2-Nitrophenol

Concen: 39.86 ng

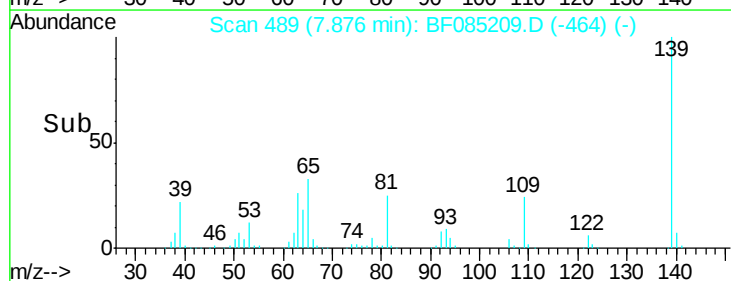
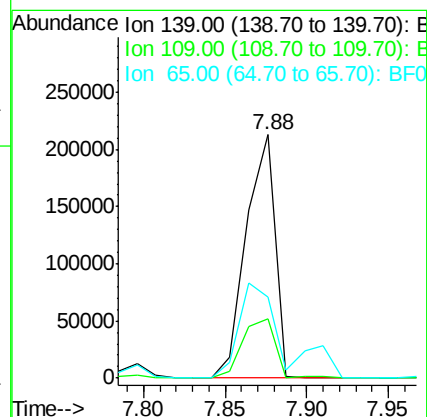
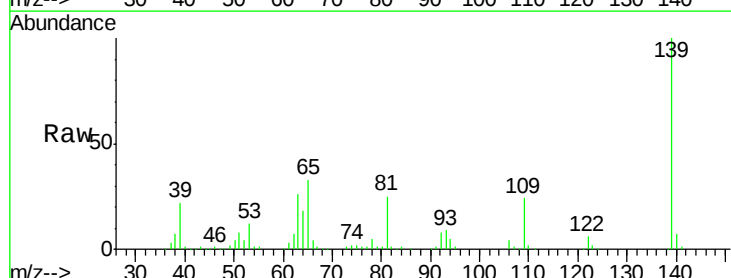
RT: 7.88 min Scan# 489

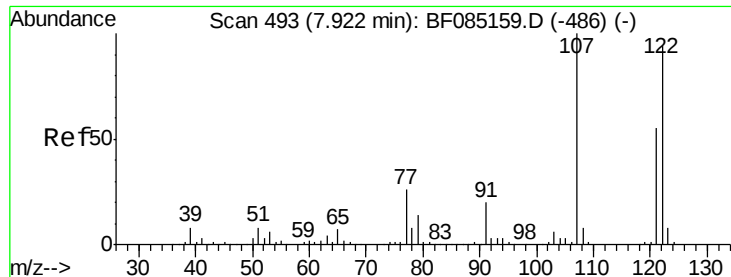
Delta R.T. -0.01 min

Lab File: BF085209.D

Acq: 4 Mar 2016 18:18

Tgt Ion:	139	Resp:	260710
Ion Ratio	Lower	Upper	
139	100		
109	24.5	19.1	28.7
65	33.3	23.9	35.9





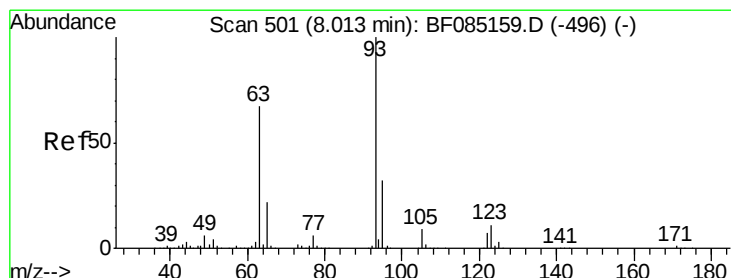
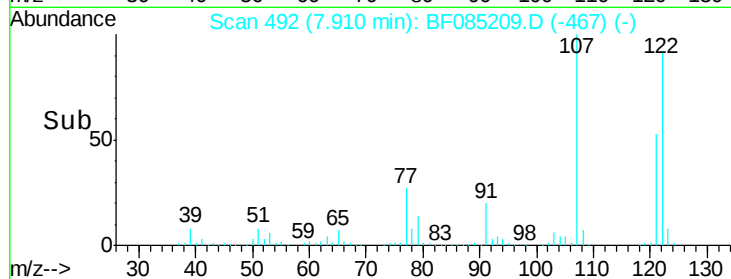
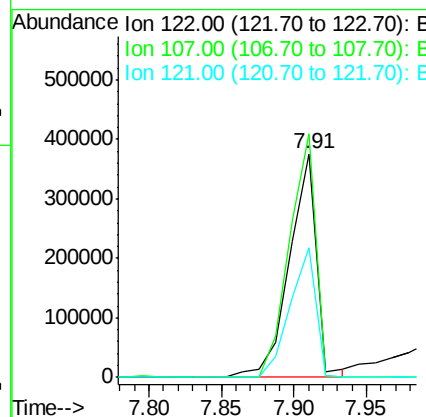
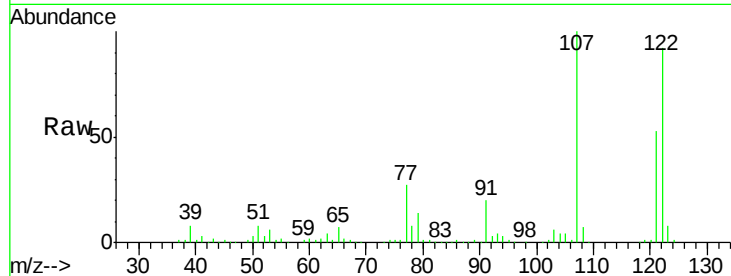
#27
2,4-Dimethylphenol
Concen: 40.70 ng
RT: 7.91 min Scan# 492
Delta R.T. -0.01 min
Lab File: BF085209.D
Acq: 4 Mar 2016 18:18

Instrument :
BNA_F
ClientSampleId :
PB88700BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	486574		
107	108.9	84.8	127.2	
121	58.1	47.0	70.6	

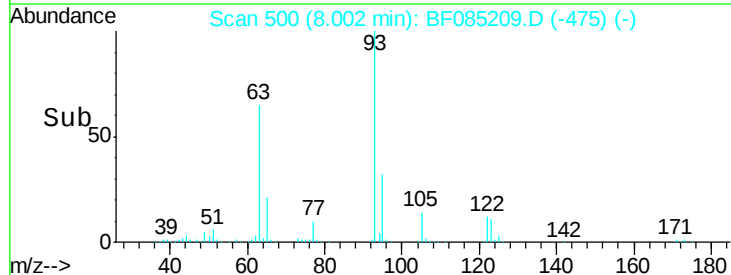
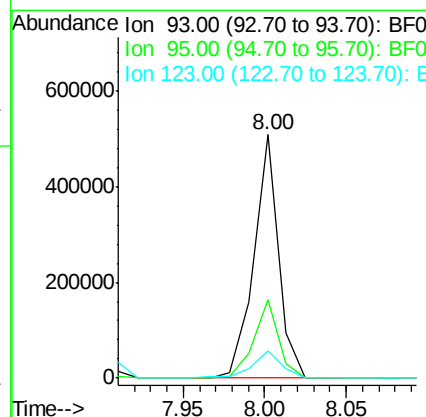
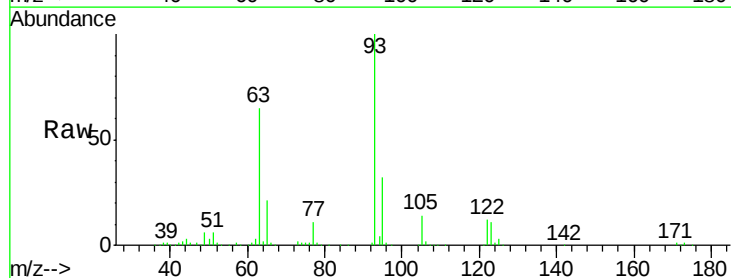
Manual Integrations
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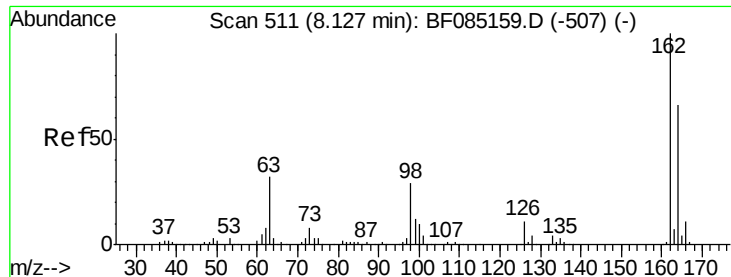
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#28
bis(2-Chloroethoxy)methane
Concen: 38.87 ng
RT: 8.00 min Scan# 500
Delta R.T. -0.01 min
Lab File: BF085209.D
Acq: 4 Mar 2016 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	530851		
95	32.1	25.9	38.9	
123	11.3	8.8	13.2	





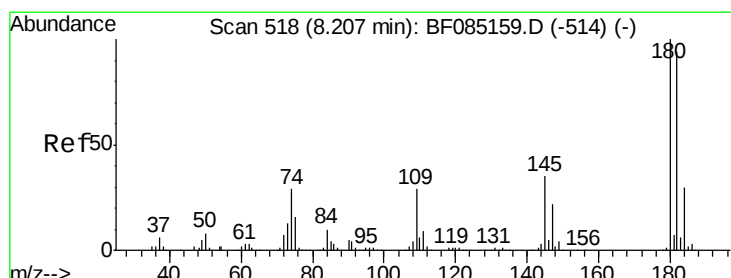
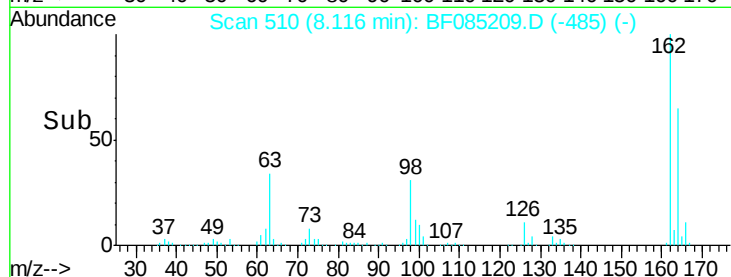
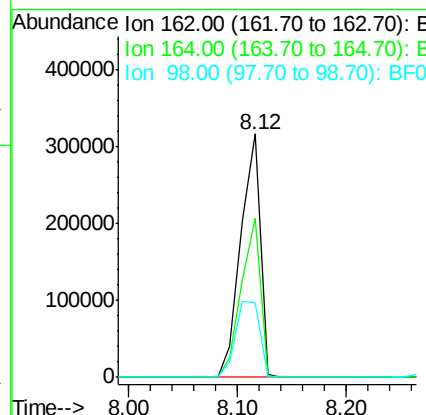
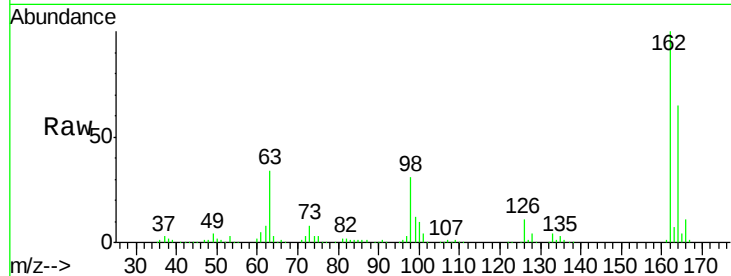
#29
2,4-Dichlorophenol
Concen: 40.29 ng
RT: 8.12 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF085209.D
Acq: 4 Mar 2016 18:18

Instrument :
BNA_F
ClientSampleId :
PB88700BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	388404		
164	65.1	45.7	85.7	
98	30.9	9.4	49.4	

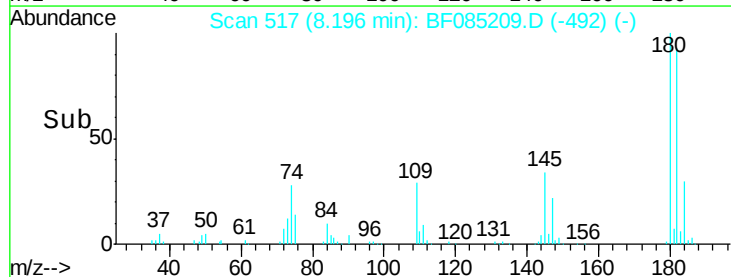
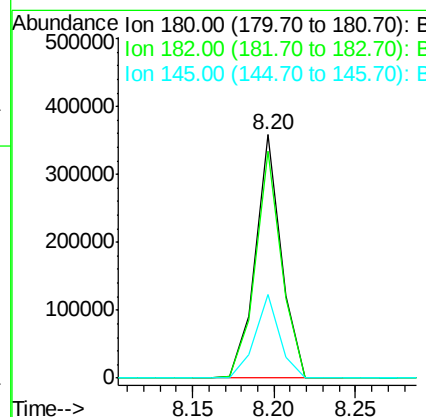
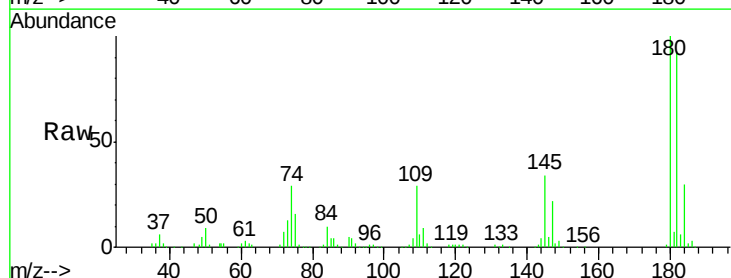
Manual Integrations
APPROVED

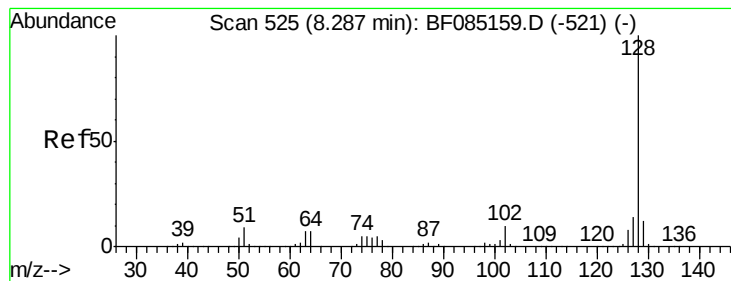
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#30
1,2,4-Trichlorobenzene
Concen: 37.66 ng
RT: 8.20 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF085209.D
Acq: 4 Mar 2016 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	392492		
182	93.4	74.9	112.3	
145	34.4	27.9	41.9	





#31

Naphthalene

Concen: 36.63 ng

RT: 8.28 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF085209.D

Acq: 4 Mar 2016 18:18

Instrument :

BNA_F

ClientSampled :

PB88700BS

Tot Ion:128 Resp: 1275371

Ion Ratio Lower Upper

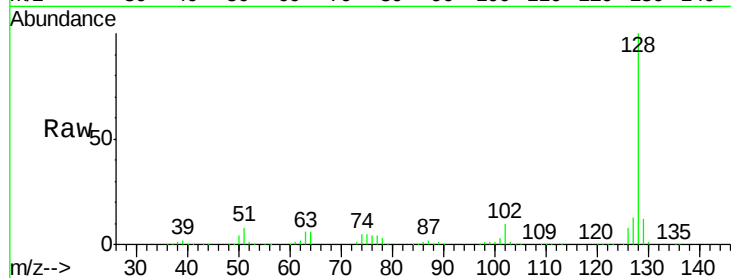
128 100

129 11.6 9.7 14.5

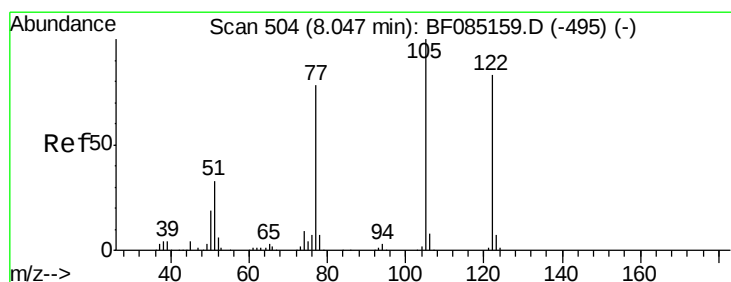
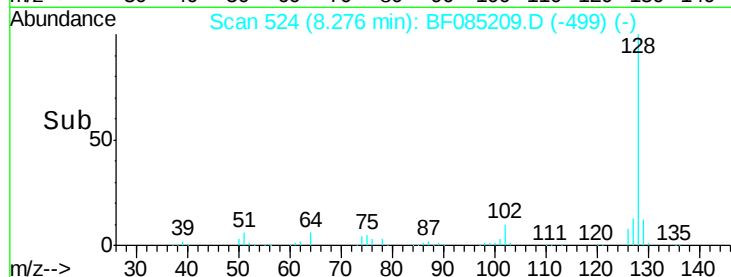
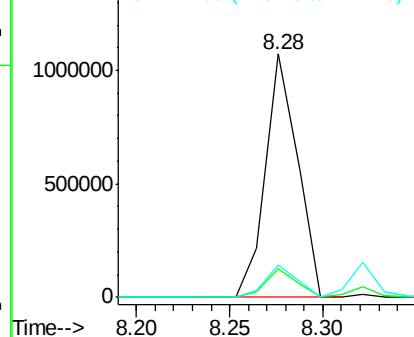
127 13.3 11.2 16.8

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



#32

Benzoic acid

Concen: 28.30 ng

RT: 8.01 min Scan# 501

Delta R.T. -0.03 min

Lab File: BF085209.D

Acq: 4 Mar 2016 18:18

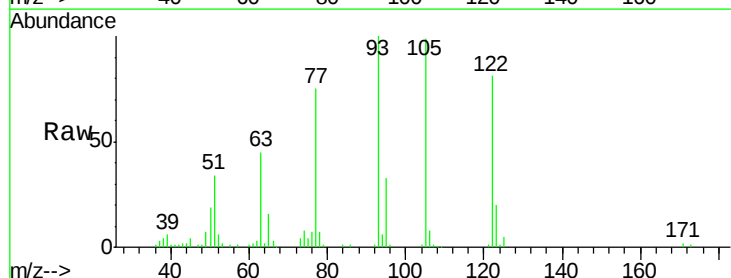
Tgt Ion:122 Resp: 224708

Ion Ratio Lower Upper

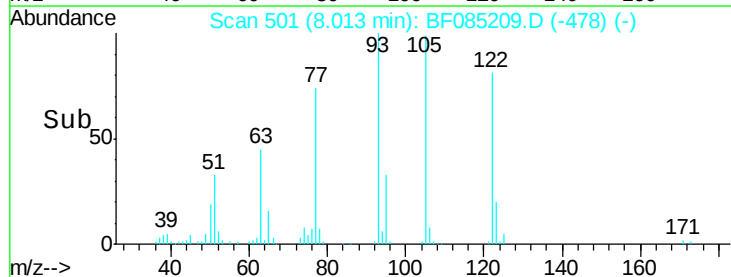
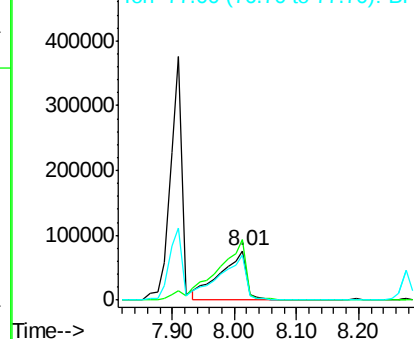
122 100

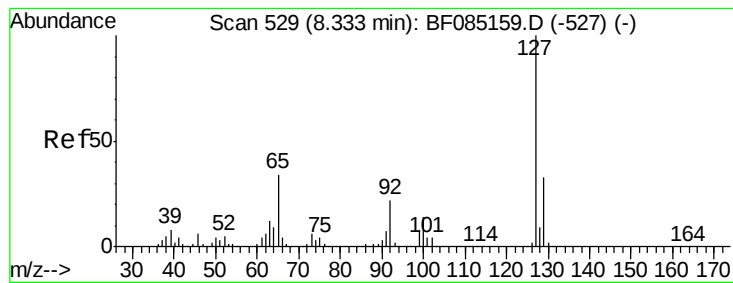
105 122.7 101.3 141.3

77 92.5 74.7 114.7



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





#33

4-Chloroaniline

Concen: 10.79 ng

RT: 8.32 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF085209.D

Acq: 4 Mar 2016 18:18

Instrument :

BNA_F

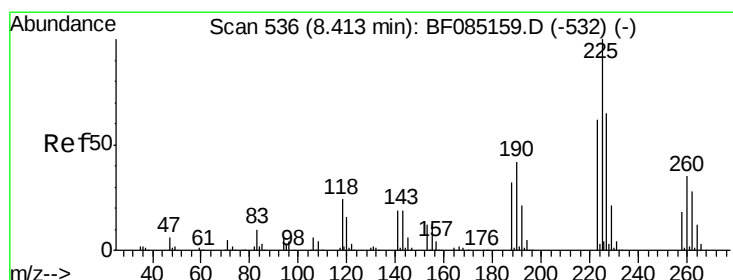
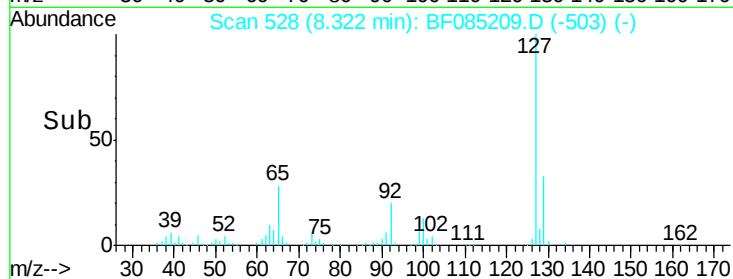
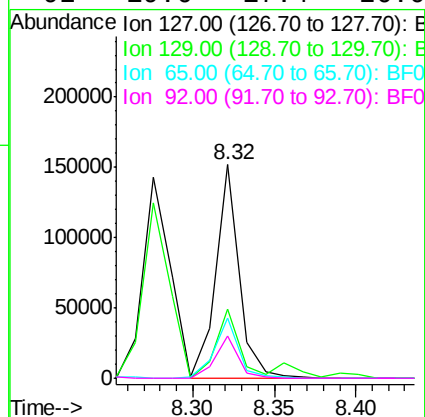
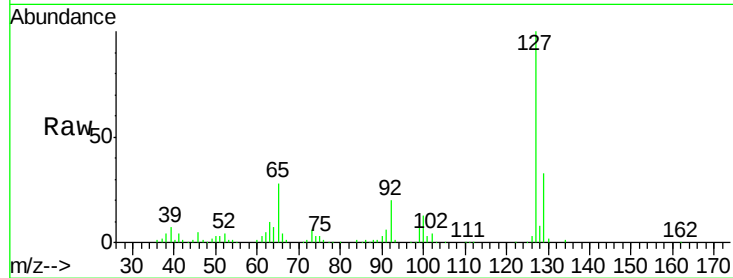
ClientSampleId :

PB88700BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.5		26.1	39.1	
65	28.3		27.0	40.6	
92	19.6		17.4	26.0	

Manual Integrations
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#34

Hexachlorobutadiene

Concen: 39.17 ng

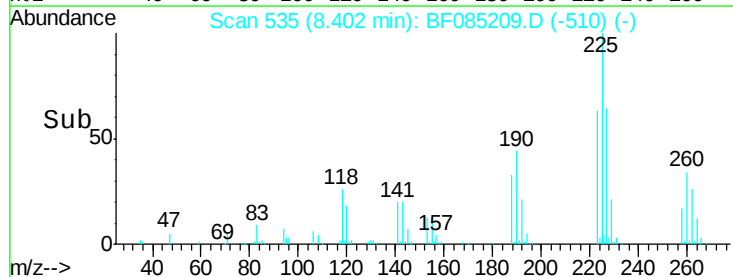
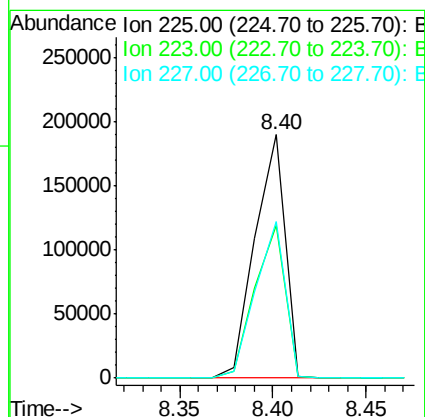
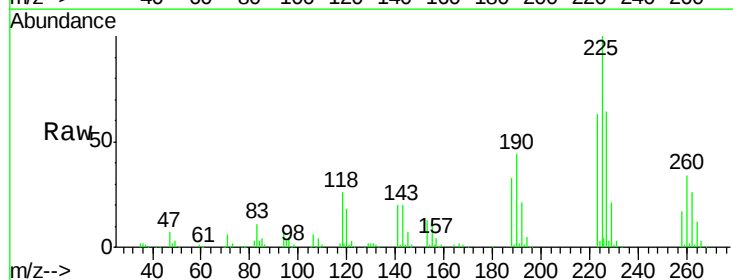
RT: 8.40 min Scan# 535

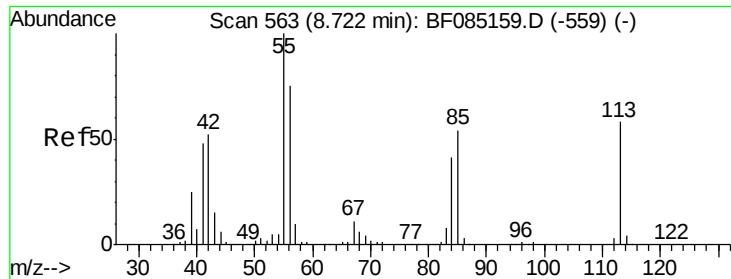
Delta R.T. -0.01 min

Lab File: BF085209.D

Acq: 4 Mar 2016 18:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.7		49.7	74.5	
227	64.3		52.2	78.4	





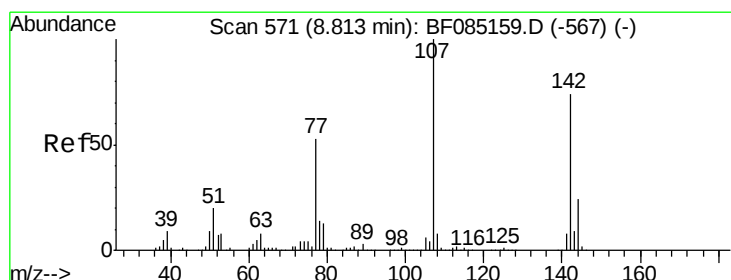
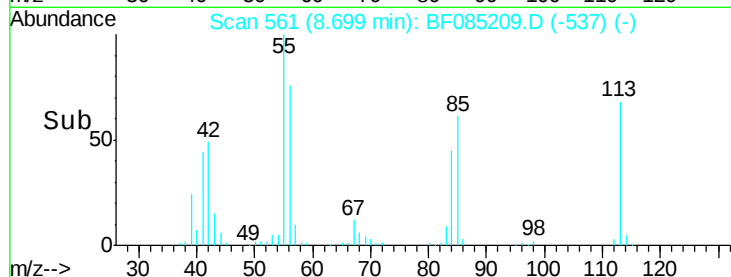
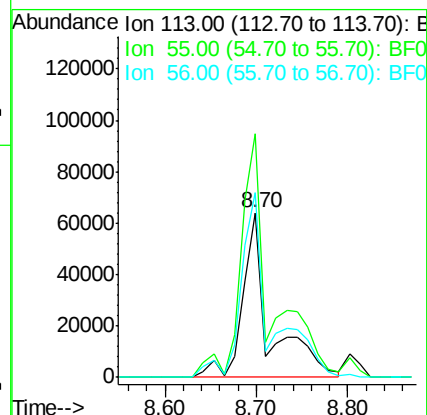
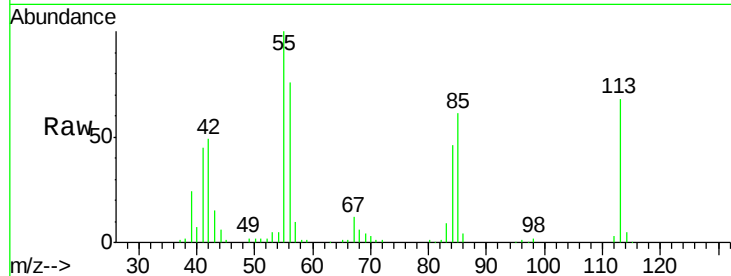
#35
 Caprolactam
 Concen: 42.39 ng/ml
 RT: 8.70 min Scan# 561
 Delta R.T. -0.02 min
 Lab File: BF085209.D
 Acq: 4 Mar 2016 18:18

Instrument :
 BNA_F
 ClientSampleId :
 PB88700BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	147.8		152.7	192.7#	
56	111.8		109.0	149.0	

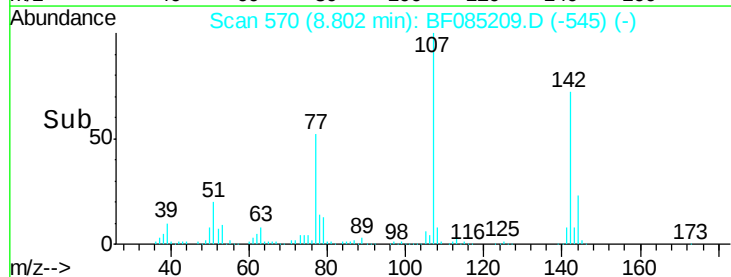
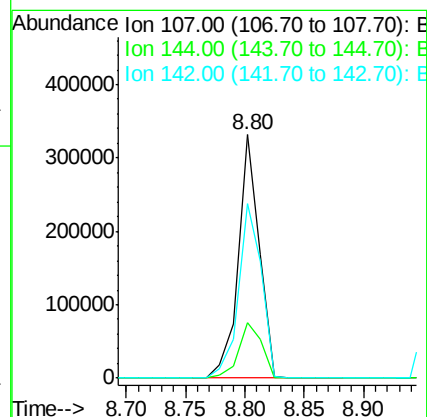
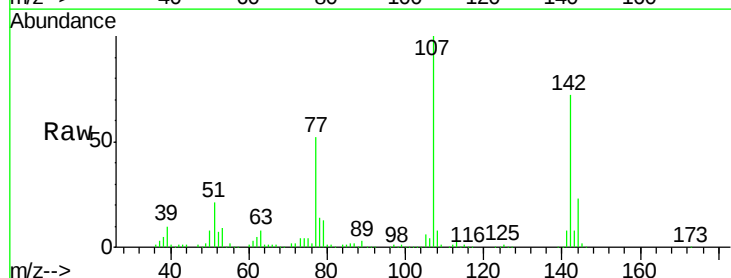
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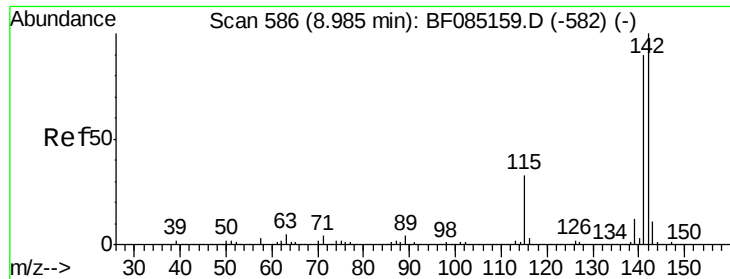
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#36
 4-Chloro-3-methylphenol
 Concen: 37.29 ng/ml
 RT: 8.80 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: BF085209.D
 Acq: 4 Mar 2016 18:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	22.8		19.4	29.2	
142	71.9		59.4	89.2	





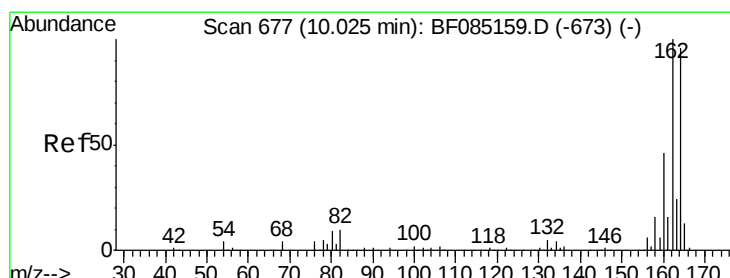
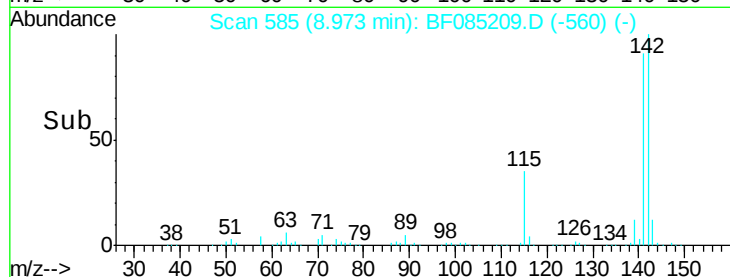
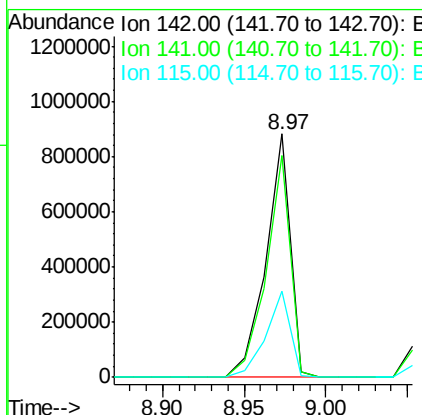
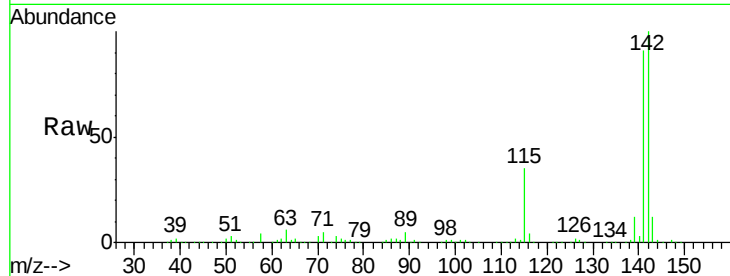
#37
2-Methylnaphthalene
Concen: 41.08 ng
RT: 8.97 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF085209.D
Acq: 4 Mar 2016 18:18

Instrument :
BNA_F
ClientSampleId :
PB88700BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.2	71.7	107.5
115	35.3	26.2	39.4

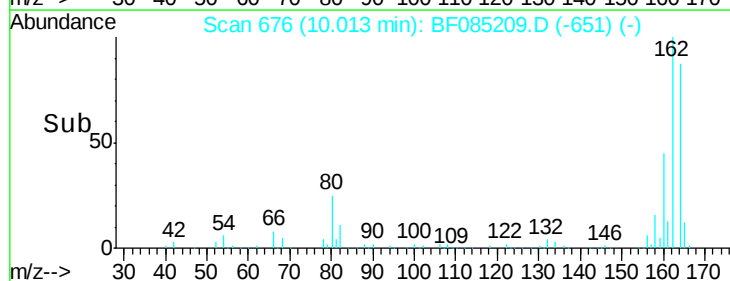
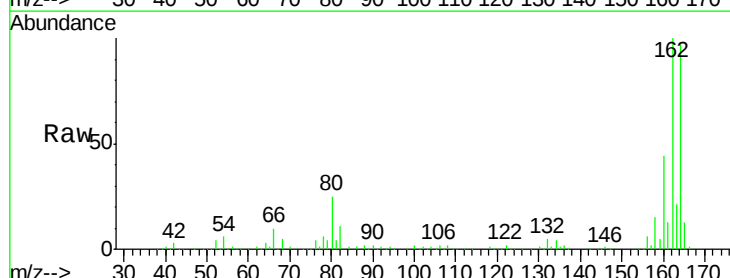
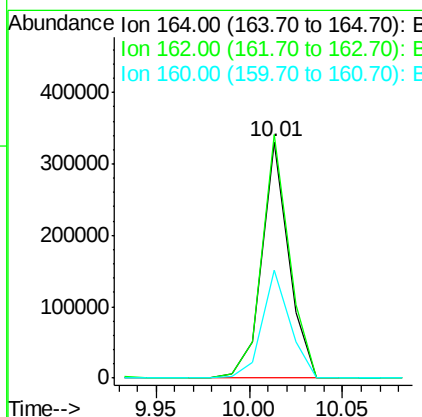
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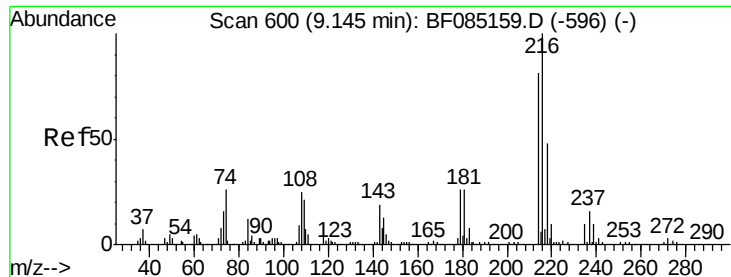
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.01 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF085209.D
Acq: 4 Mar 2016 18:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	83.3	124.9
160	45.7	37.9	56.9





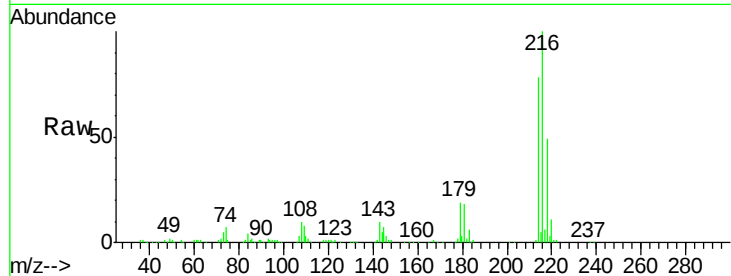
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.53 ng
 RT: 9.14 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF085209.D
 Acq: 4 Mar 2016 18:18

Instrument :
 BNA_F
 ClientSampleId :
 PB88700BS

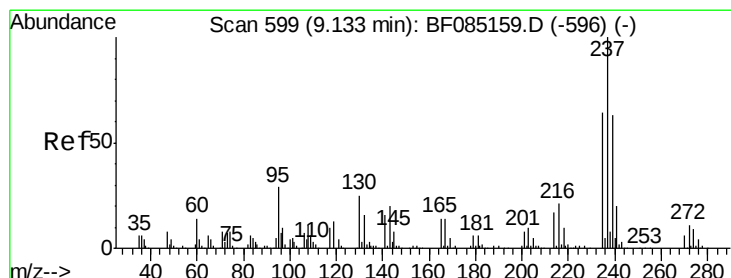
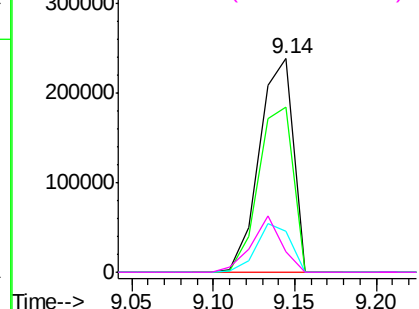
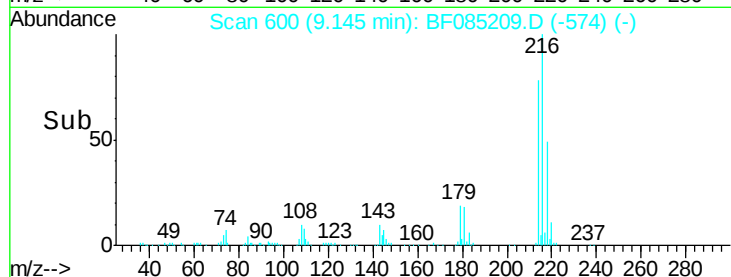
Tot Ion	Ion	Ratio	Resp	Lower	Upper
342396	216	100			
	216	100			
	214	79.5	63.8	95.6	
	179	22.6	19.6	29.4	
	108	23.4	19.6	29.4	

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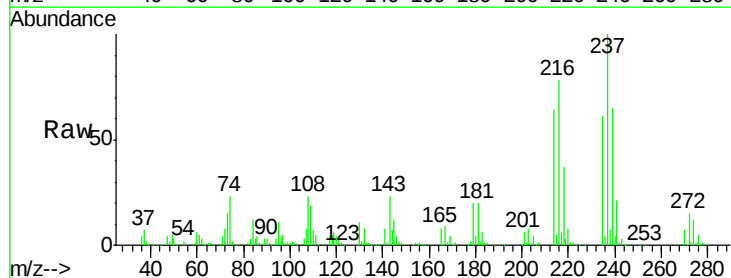


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

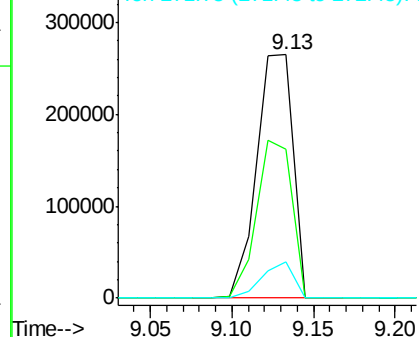
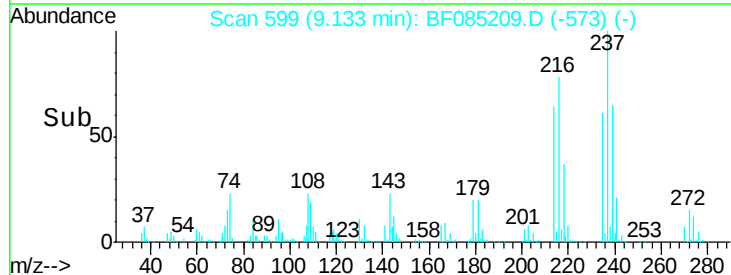


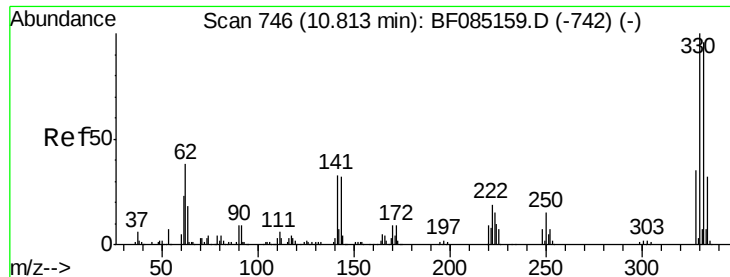
#40
 Hexachlorocyclopentadiene
 Concen: 81.08 ng
 RT: 9.13 min Scan# 599
 Delta R.T. 0.00 min
 Lab File: BF085209.D
 Acq: 4 Mar 2016 18:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
409883	237	100			
	237	100			
	235	61.3	43.7	83.7	
	272	14.8	0.0	31.5	



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





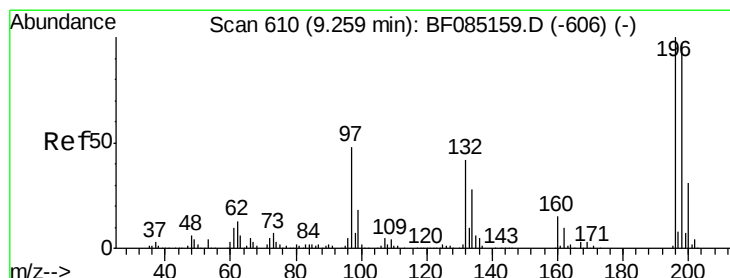
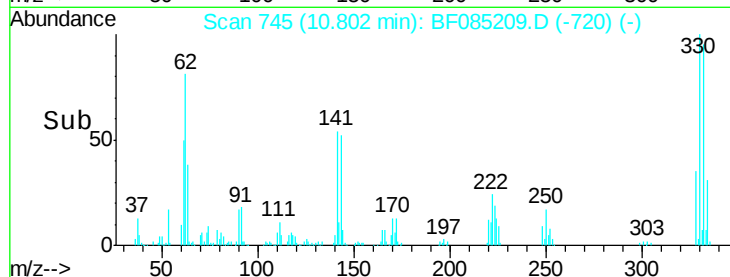
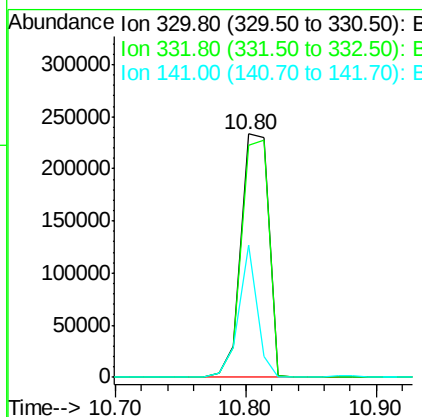
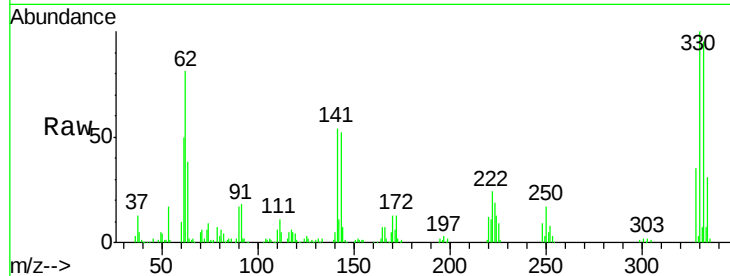
#41
 2,4,6-Tribromophenol
 Concen: 122.34 ng
 RT: 10.80 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF085209.D
 Acq: 4 Mar 2016 18:18

Instrument :
 BNA_F
 ClientSampleId :
 PB88700BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	343084		
332	97.1	77.1	115.7	
141	36.0	35.0	52.6	

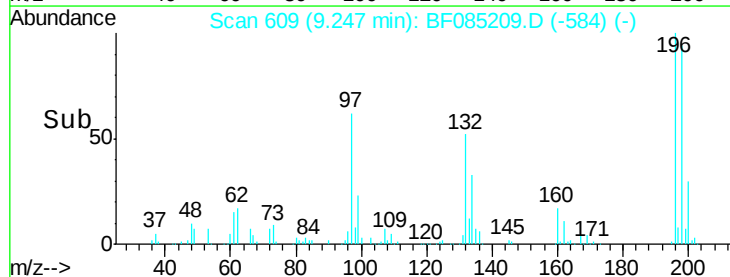
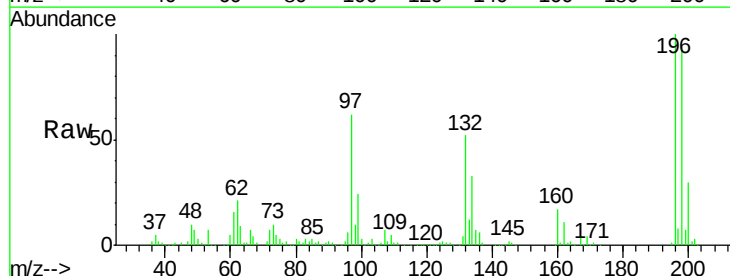
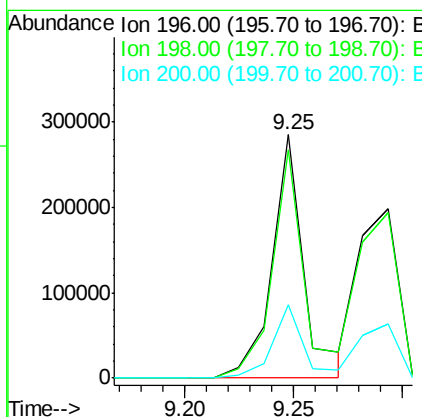
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#42
 2,4,6-Trichlorophenol
 Concen: 41.65 ng
 RT: 9.25 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF085209.D
 Acq: 4 Mar 2016 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	290633		
198	93.9	77.8	116.6	
200	30.2	25.0	37.6	





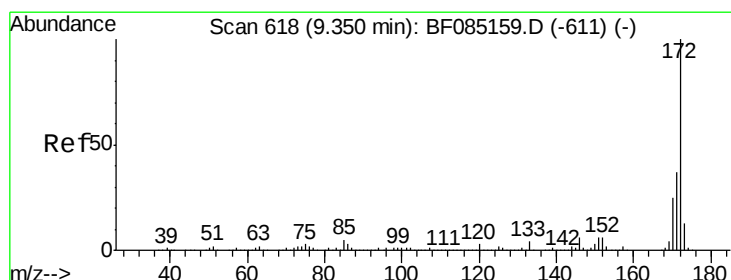
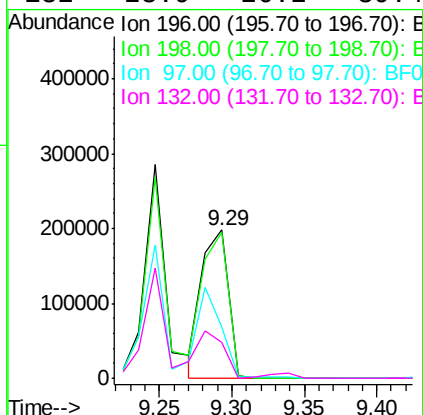
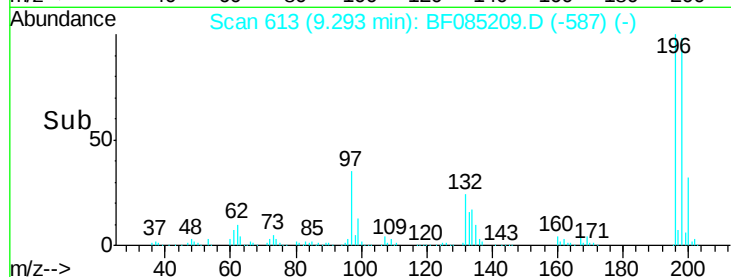
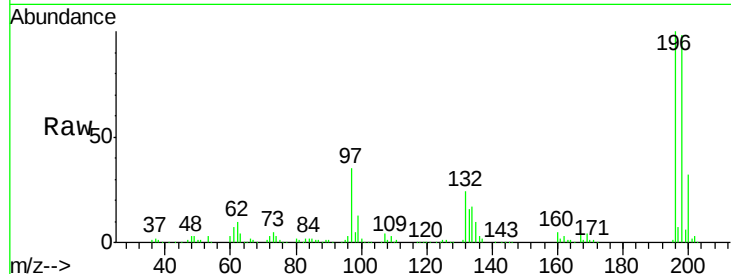
#43
 2,4,5-Trichlorophenol
 Concen: 38.36 ng
 RT: 9.29 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF085209.D
 Acq: 4 Mar 2016 18:18

Instrument :
 BNA_F
 ClientSampleId :
 PB88700BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	253764		
198	97.9	75.7	113.5	
97	34.8	46.4	69.6	
132	23.9	26.2	39.4	

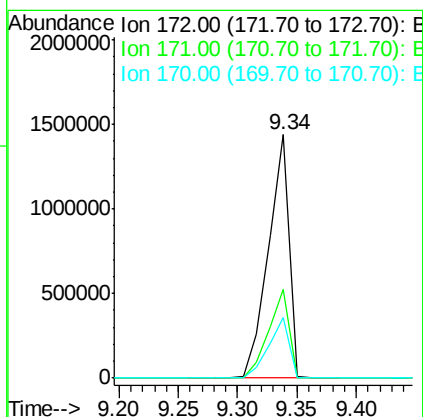
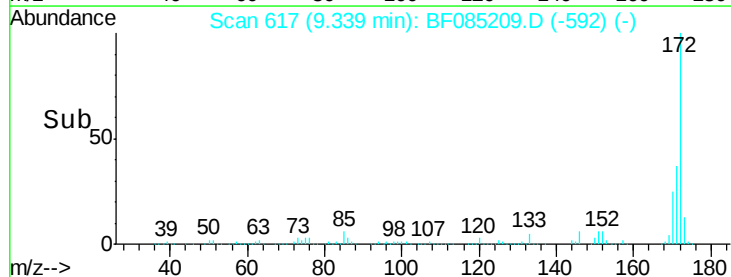
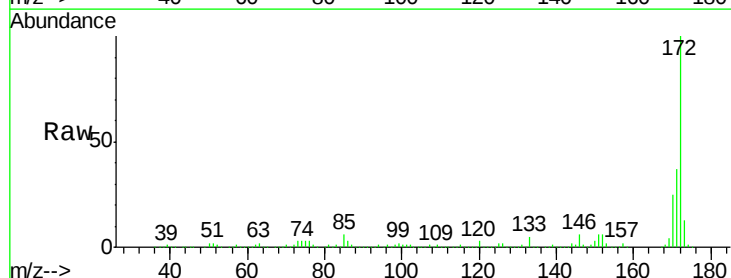
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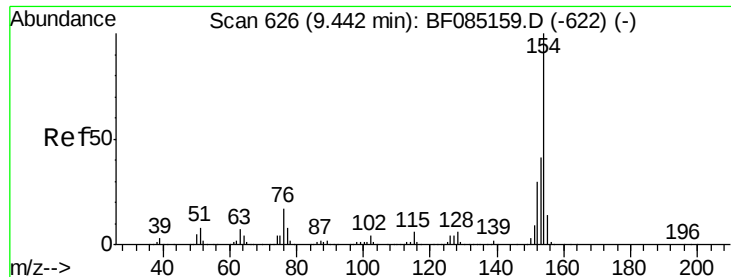
UMANGI
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#44
 2-Fluorobiphenyl
 Concen: 81.79 ng
 RT: 9.34 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF085209.D
 Acq: 4 Mar 2016 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1762639		
171	36.6	29.3	43.9	
170	24.7	20.0	30.0	





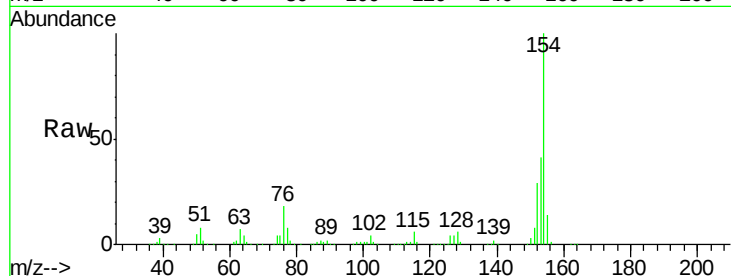
#45
 1,1'-Biphenyl
 Concen: 35.80 ng
 RT: 9.43 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF085209.D
 Acq: 4 Mar 2016 18:18

Instrument :
 BNA_F
 ClientSampleId :
 PB88700BS

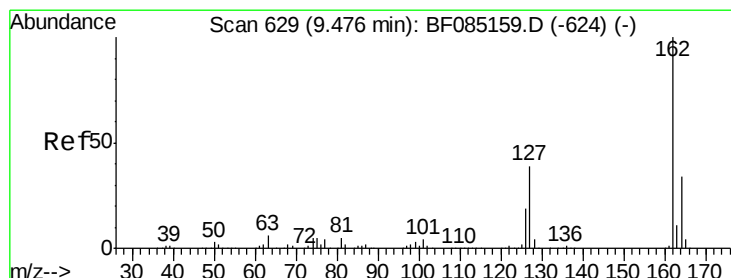
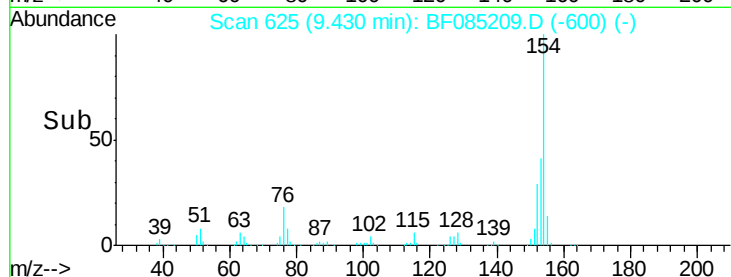
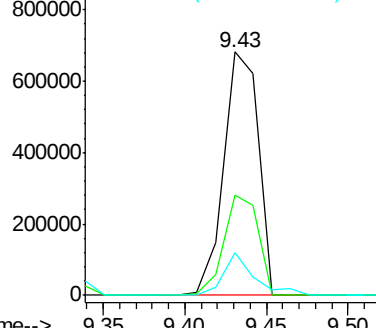
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.4	61.4
76	17.6	0.0	37.5

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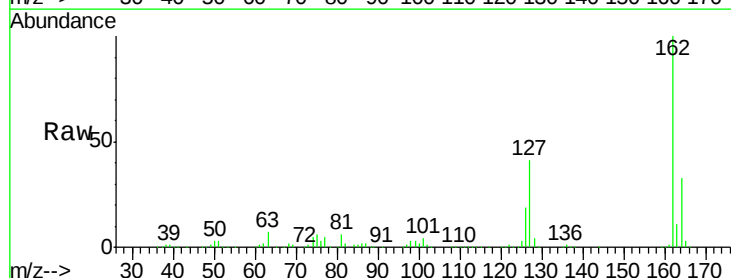


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

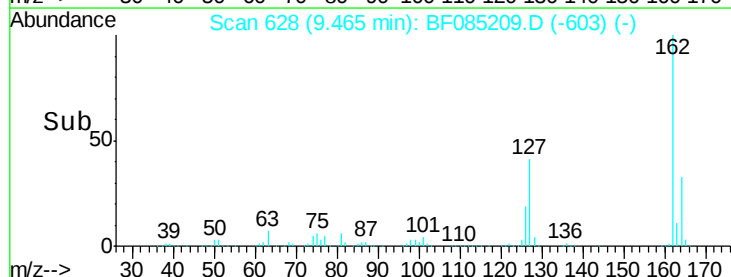
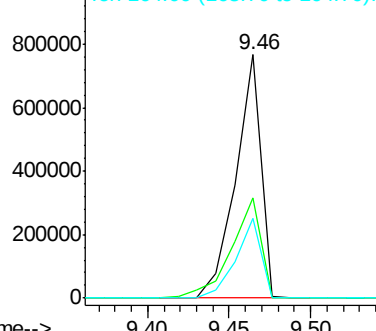


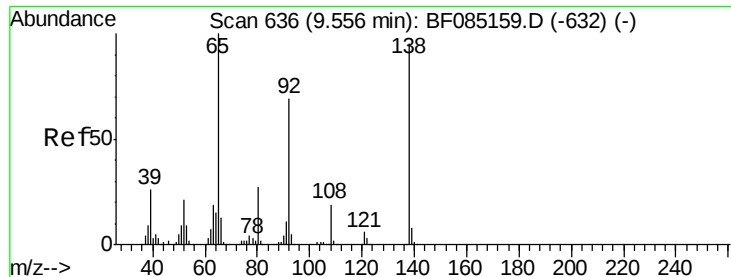
#46
 2-Chloronaphthalene
 Concen: 38.99 ng
 RT: 9.46 min Scan# 628
 Delta R.T. -0.01 min
 Lab File: BF085209.D
 Acq: 4 Mar 2016 18:18

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.4	31.6	47.4
164	32.8	27.1	40.7



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





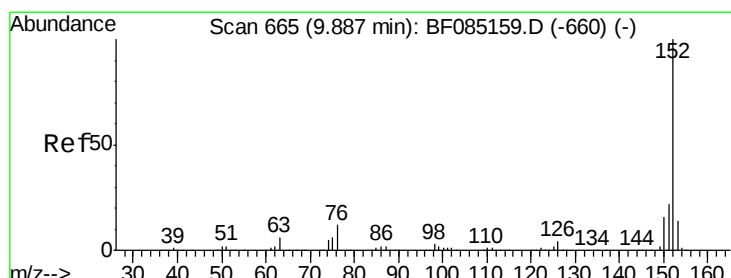
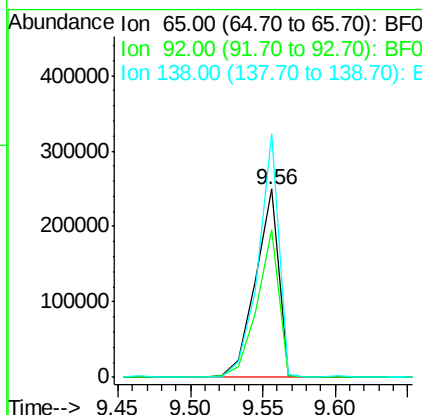
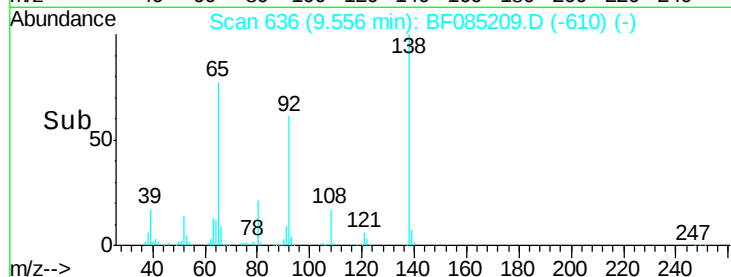
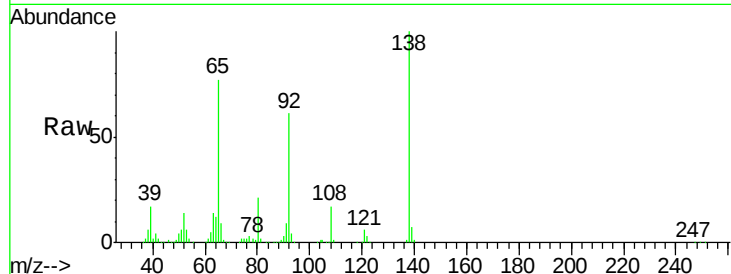
#47
2-Nitroaniline
Concen: 41.64 ng
RT: 9.56 min Scan# 636
Delta R.T. 0.00 min
Lab File: BF085209.D
Acq: 4 Mar 2016 18:18

Instrument :
BNA_F
ClientSampleId :
PB88700BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	78.5	55.4	83.2
138	129.4	75.7	113.5

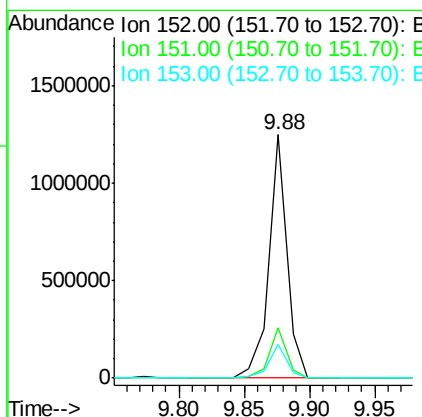
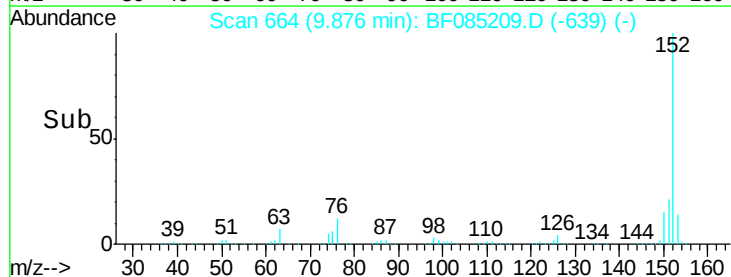
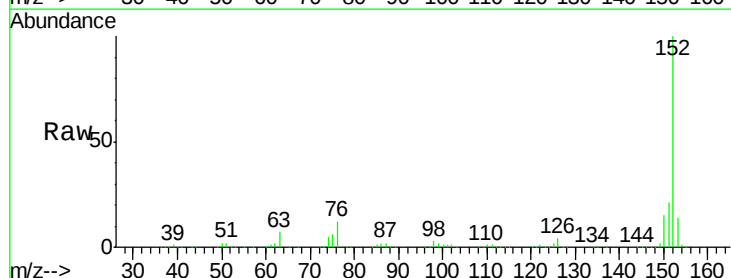
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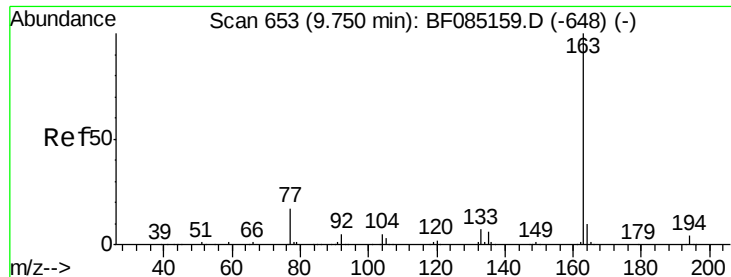
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#48
Acenaphthylene
Concen: 36.67 ng
RT: 9.88 min Scan# 664
Delta R.T. -0.01 min
Lab File: BF085209.D
Acq: 4 Mar 2016 18:18

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	17.5	26.3
153	13.9	11.3	16.9





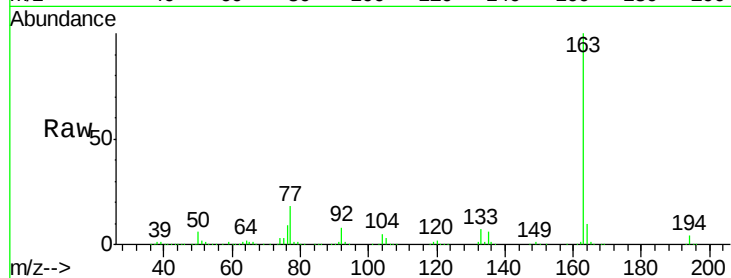
#49
Dimethylphthalate
Concen: 39.78 ng
RT: 9.74 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF085209.D
Acq: 4 Mar 2016 18:18

Instrument :
BNA_F
ClientSampleId :
PB88700BS

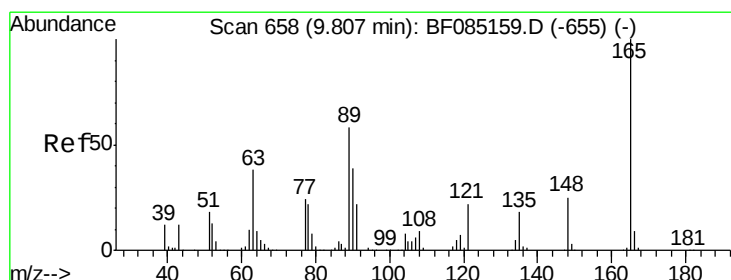
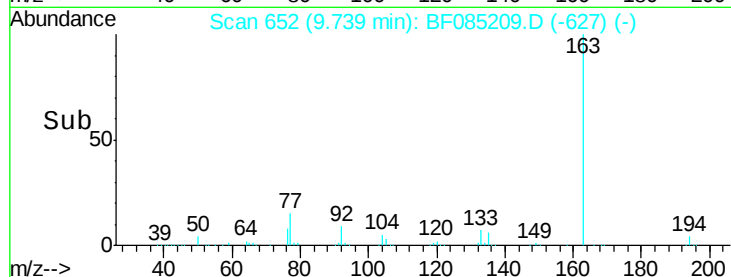
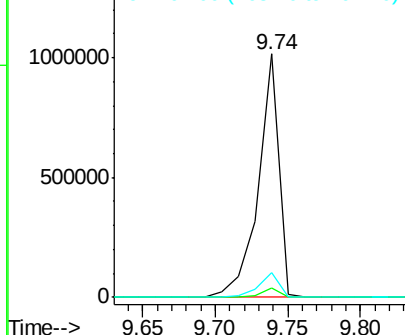
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.1	4.7
164	10.1	8.2	12.4

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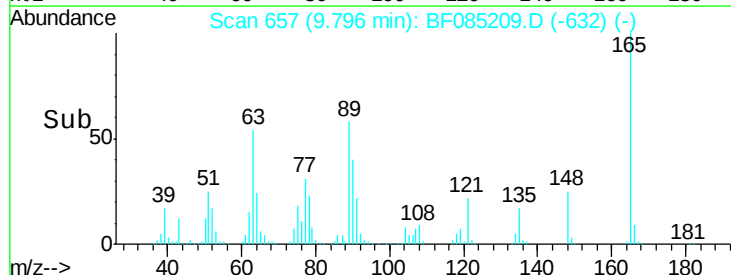
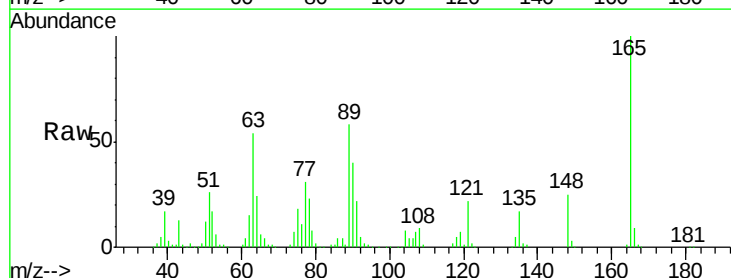
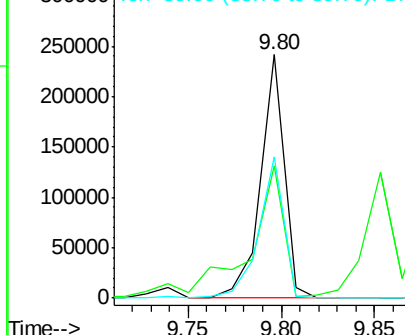
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

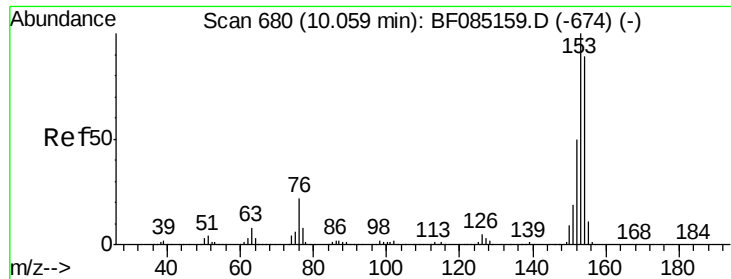


#50
2,6-Dinitrotoluene
Concen: 39.24 ng
RT: 9.80 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF085209.D
Acq: 4 Mar 2016 18:18

Tgt Ion	Ratio	Lower	Upper
165	100		
63	54.3	41.8	62.8
89	58.1	46.7	70.1

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.56 ng

RT: 10.05 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF085209.D

Acq: 4 Mar 2016 18:18

Instrument :

BNA_F

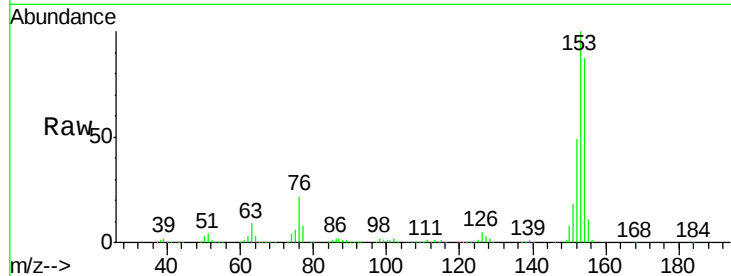
ClientSampleId :

PB88700BS

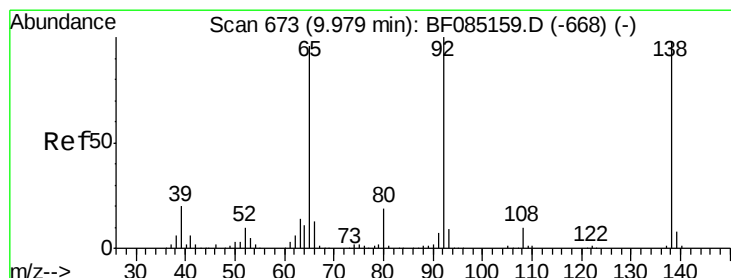
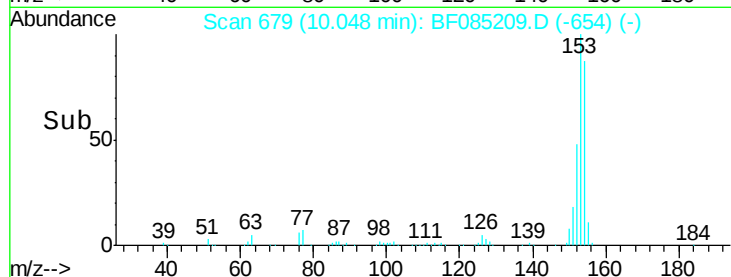
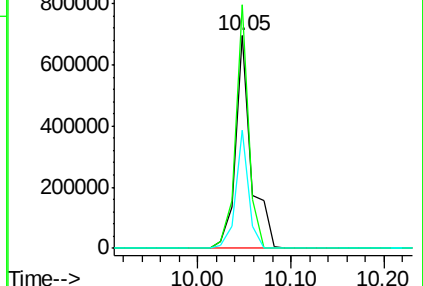
Tot Ion:	154	Resp:	818152
Ion Ratio	Lower	Upper	
154	100		
153	114.4	89.8	134.8
152	55.6	44.6	66.8

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



#52

3-Nitroaniline

Concen: 16.70 ng

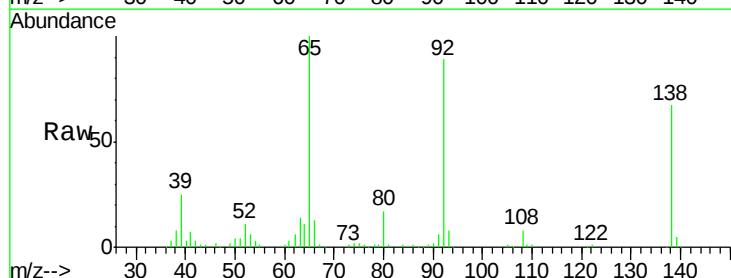
RT: 9.96 min Scan# 671

Delta R.T. -0.02 min

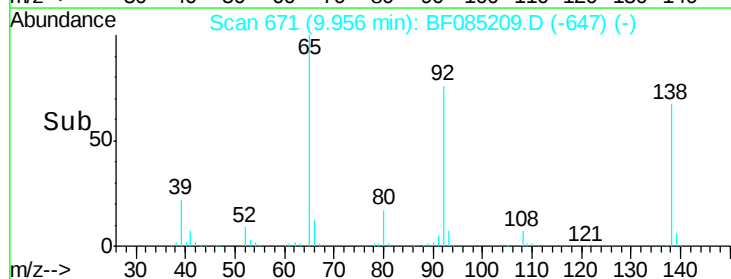
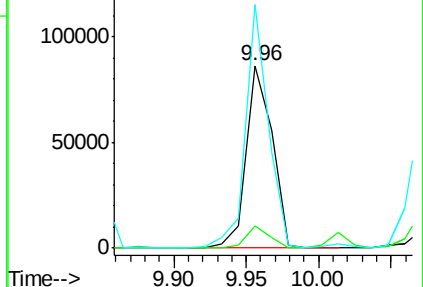
Lab File: BF085209.D

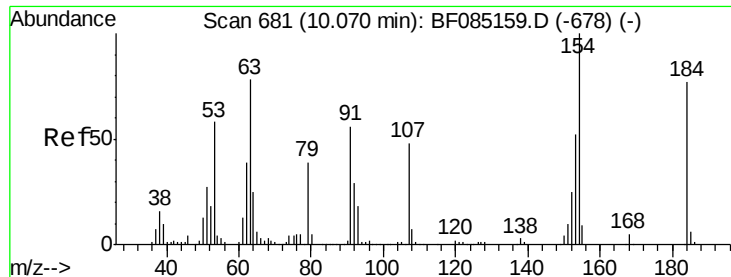
Acq: 4 Mar 2016 18:18

Tgt Ion:	138	Resp:	107546
Ion Ratio	Lower	Upper	
138	100		
108	11.9	7.8	11.6#
92	133.4	81.3	121.9#



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





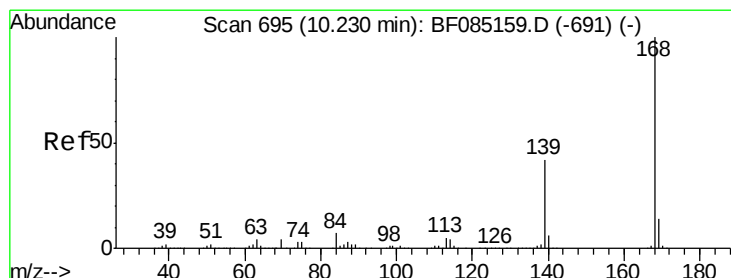
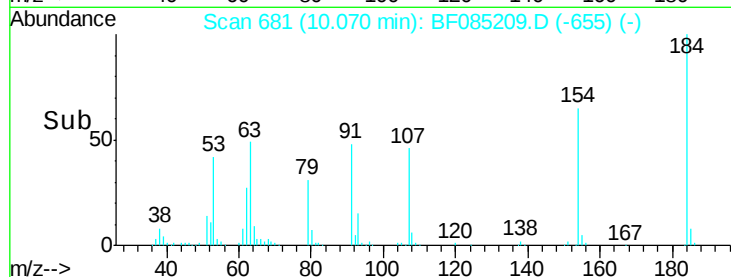
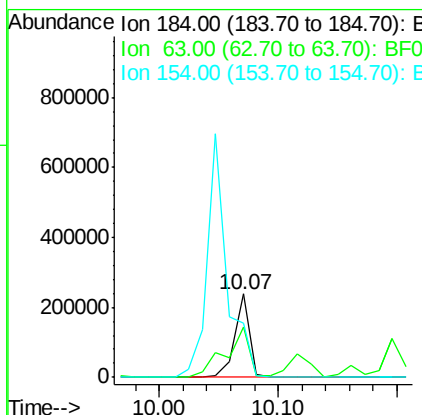
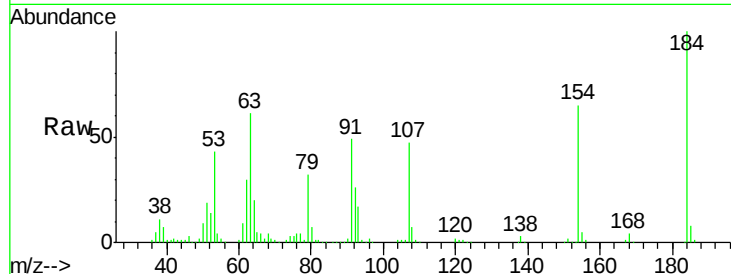
#53
 2,4-Dinitrophenol
 Concen: 75.86 ng
 RT: 10.07 min Scan# 681
 Delta R.T. 0.00 min
 Lab File: BF085209.D
 Acq: 4 Mar 2016 18:18

Instrument :
 BNA_F
 ClientSampleId :
 PB88700BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	205916		
63	61.1	82.2	123.4#	
154	65.0	108.9	163.3#	

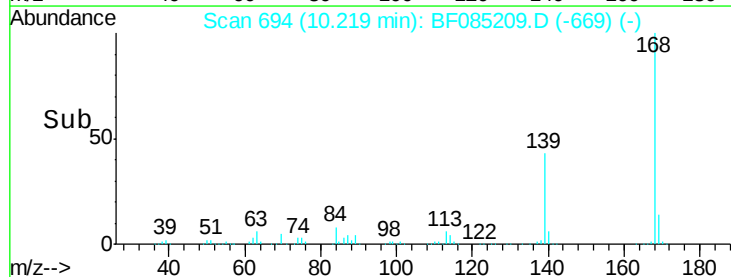
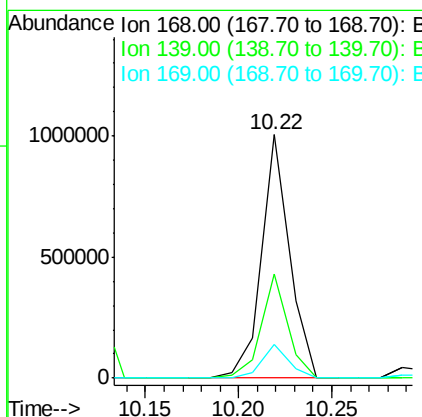
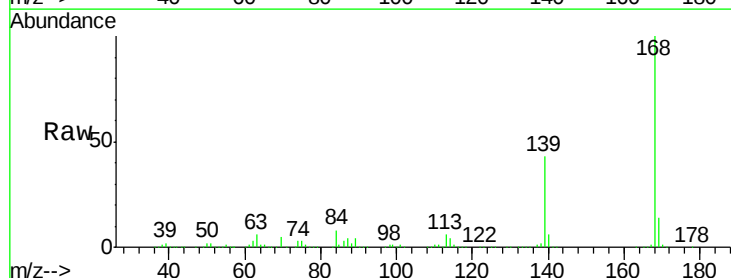
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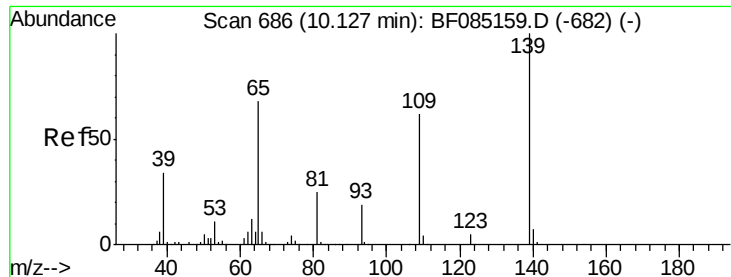
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#54
 Dibenzofuran
 Concen: 39.38 ng
 RT: 10.22 min Scan# 694
 Delta R.T. -0.01 min
 Lab File: BF085209.D
 Acq: 4 Mar 2016 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1040730		
139	42.7	33.6	50.4	
169	13.8	11.2	16.8	





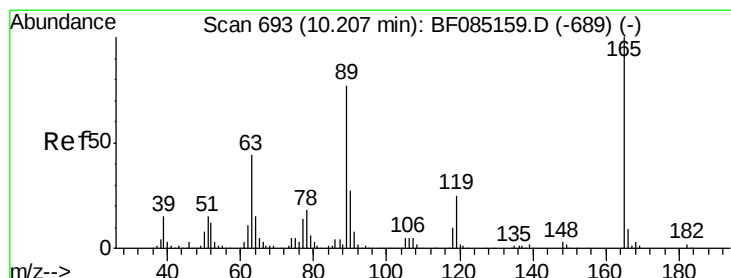
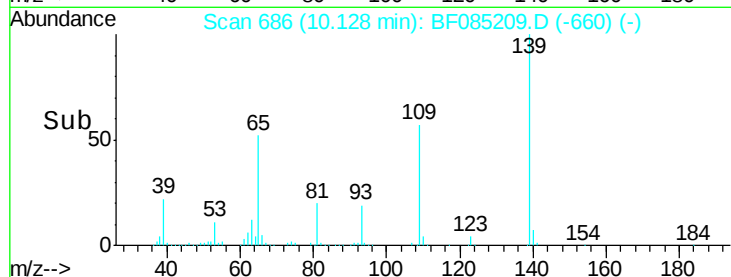
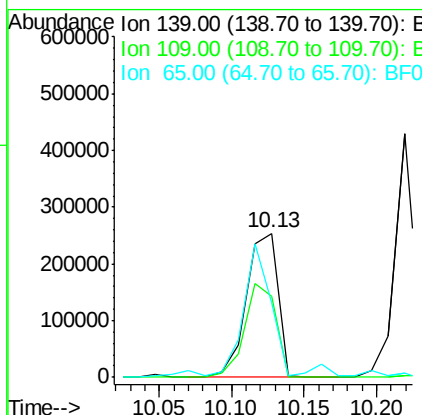
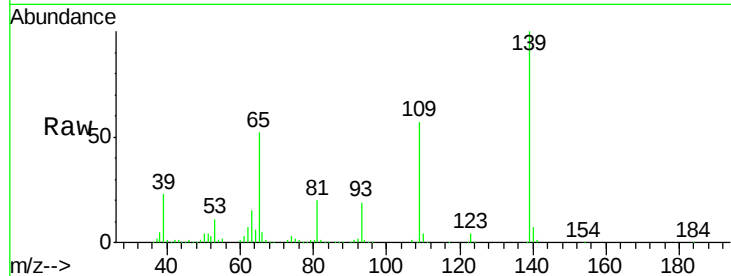
#55
4-Nitrophenol
Concen: 75.70 ng
RT: 10.13 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF085209.D
Acq: 4 Mar 2016 18:18

Instrument :
BNA_F
ClientSampleId :
PB88700BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	56.5	41.9	81.9	
65	51.9	48.3	88.3	

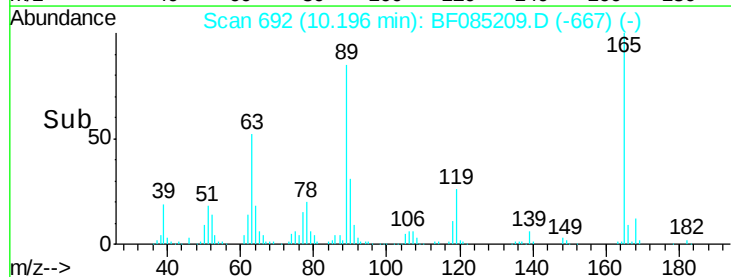
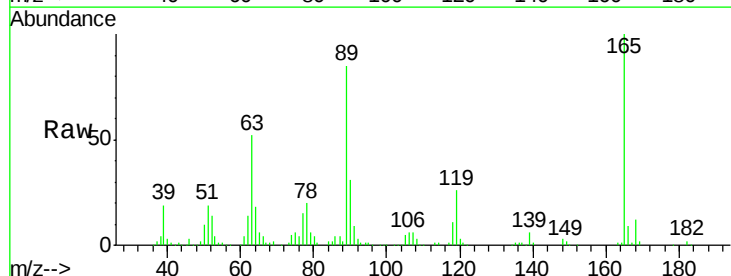
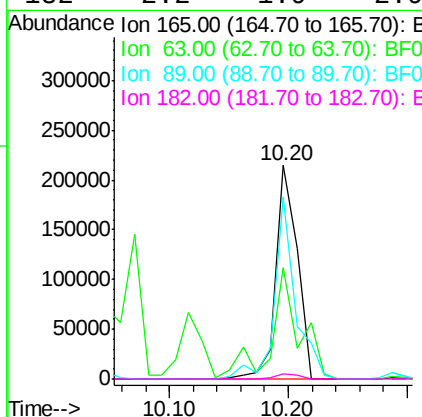
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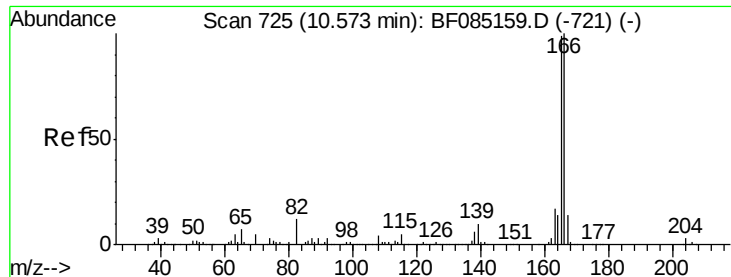
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#56
2,4-Dinitrotoluene
Concen: 38.51 ng
RT: 10.20 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF085209.D
Acq: 4 Mar 2016 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	52.4	35.4	53.0	
89	84.9	61.9	92.9	
182	2.2	1.9	2.9	





#57

Fluorene

Concen: 37.91 ng

RT: 10.56 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF085209.D

Acq: 4 Mar 2016 18:18

Instrument :

BNA_F

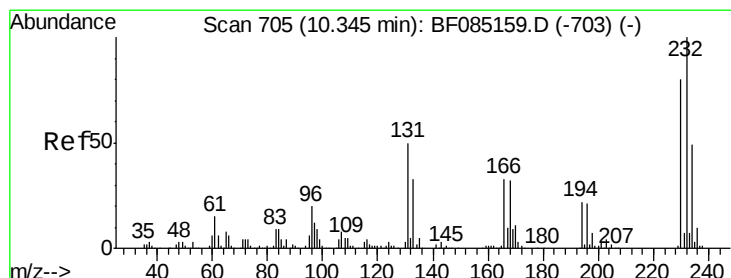
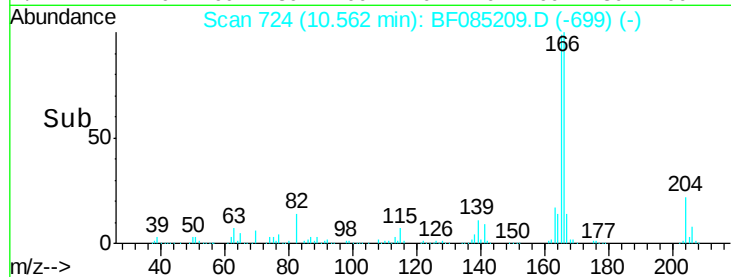
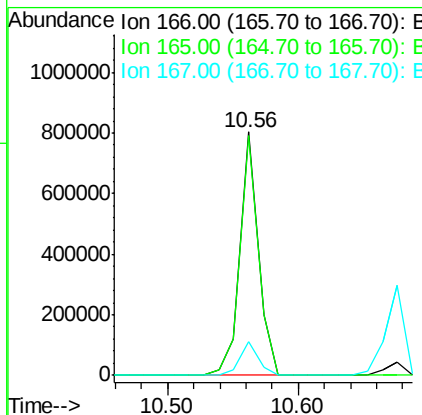
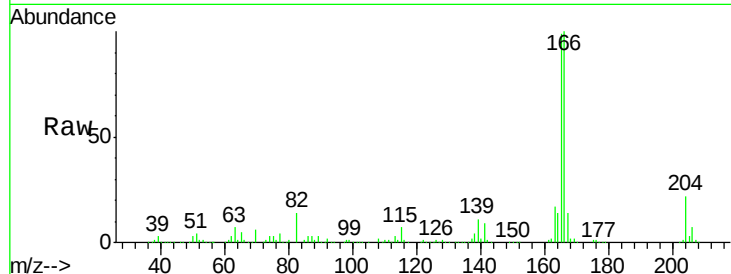
ClientSampleId :

PB88700BS

Tot Ion:	166	Resp:	786972
Ion Ratio		Lower	Upper
166	100		
165	98.7	79.4	119.0
167	13.7	11.0	16.6

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#58

2,3,4,6-Tetrachlorophenol

Concen: 41.81 ng

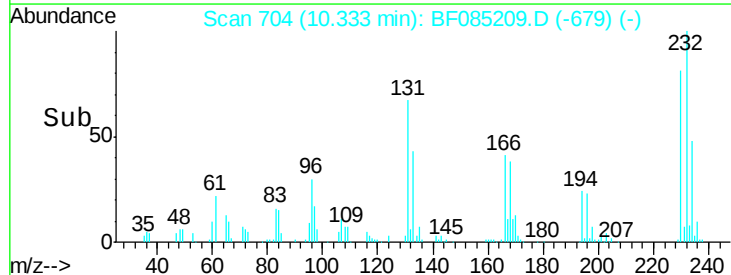
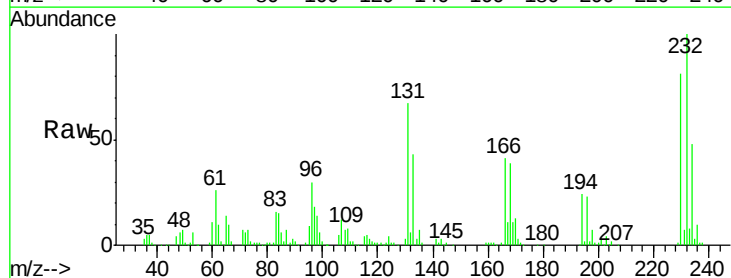
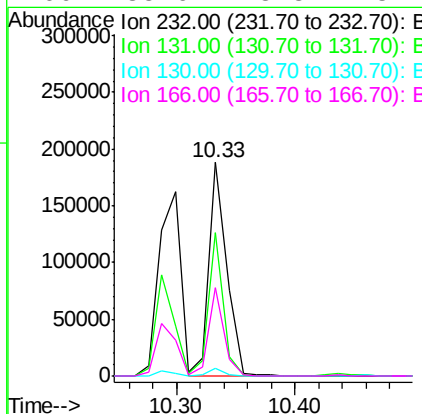
RT: 10.33 min Scan# 704

Delta R.T. -0.01 min

Lab File: BF085209.D

Acq: 4 Mar 2016 18:18

Tgt Ion:	232	Resp:	194319
Ion Ratio		Lower	Upper
232	100		
131	56.1	46.0	69.0
130	2.8	2.2	3.4
166	35.6	28.8	43.2





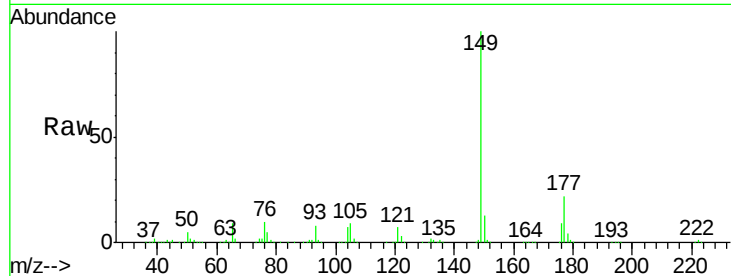
#59
Diethylphthalate
Concen: 38.33 ng
RT: 10.44 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF085209.D
Acq: 4 Mar 2016 18:18

Instrument :
BNA_F
ClientSampleId :
PB88700BS

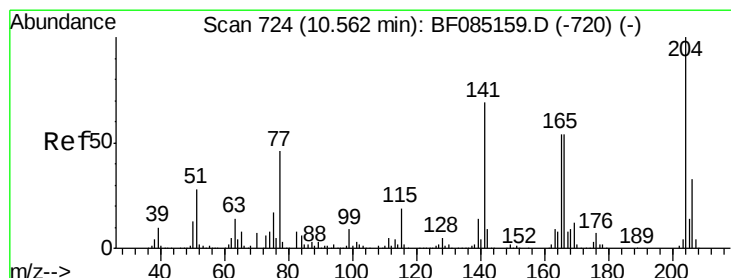
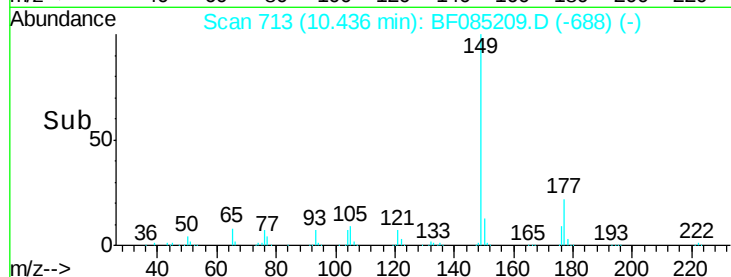
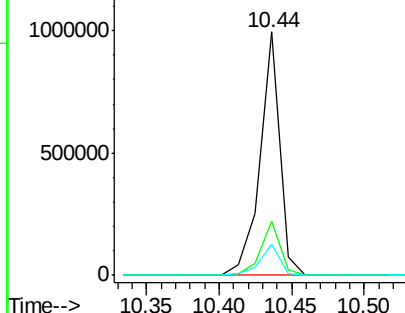
Tot Ion	Ratio	Resp	Lower	Upper
149	100	935613		
177	22.0	19.2	28.8	
150	12.9	9.9	14.9	

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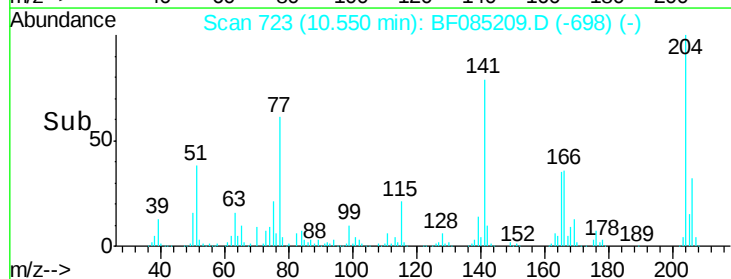
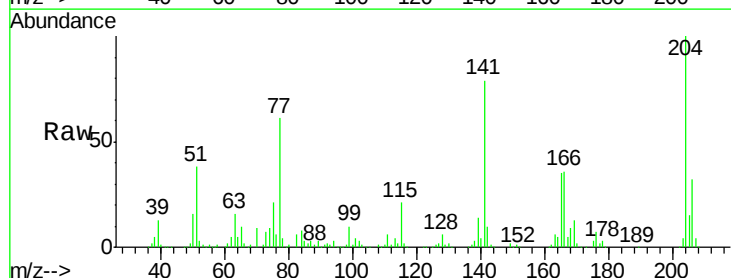
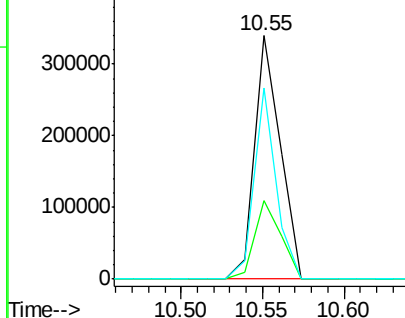
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

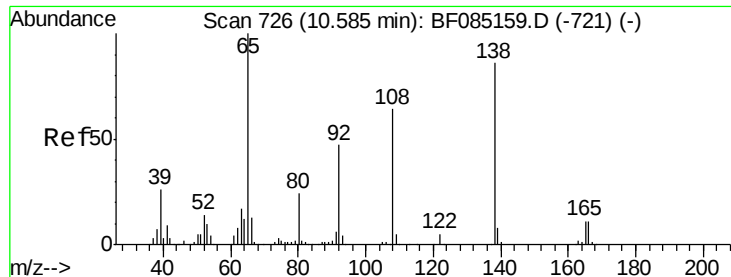


#60
4-Chlorophenyl-phenylether
Concen: 36.83 ng
RT: 10.55 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF085209.D
Acq: 4 Mar 2016 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	372004		
206	32.4	26.5	39.7	
141	78.6	55.4	83.2	

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





#61

4-Nitroaniline

Concen: 37.51 ng

RT: 10.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF085209.D

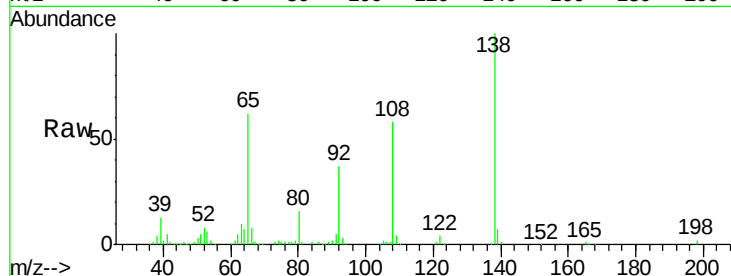
Acq: 4 Mar 2016 18:18

Instrument :

BNA_F

ClientSampled :

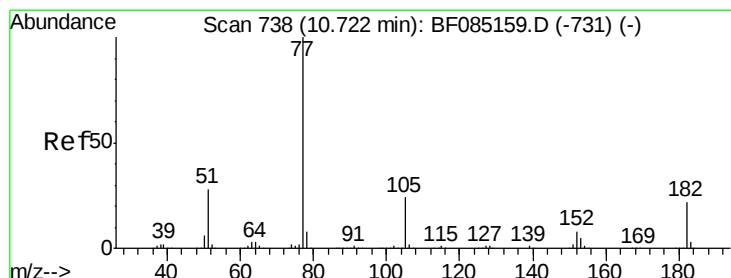
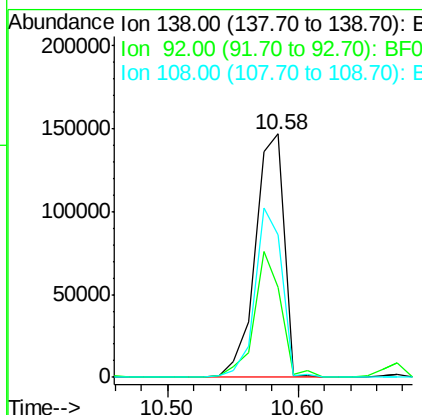
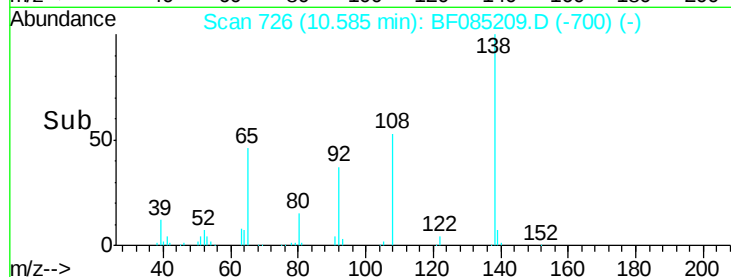
PB88700BS



Tot Ion:	138	Resp:	225892
Ion Ratio	Lower	Upper	
138	100		
92	37.0	34.2	74.2
108	58.3	53.9	93.9

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#62

Azobenzene

Concen: 40.57 ng

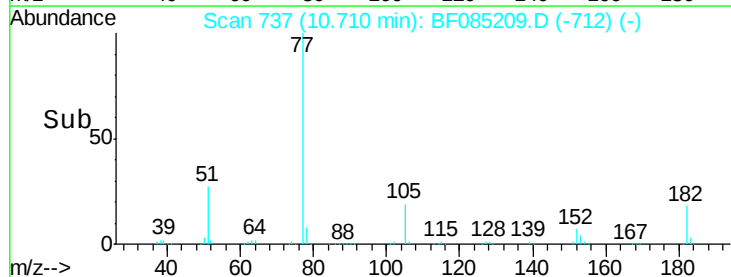
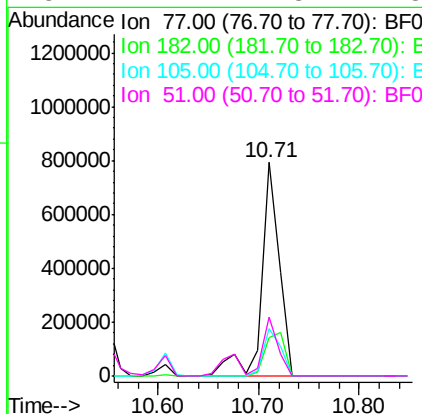
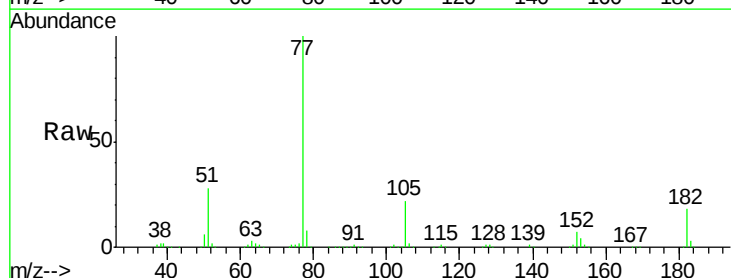
RT: 10.71 min Scan# 737

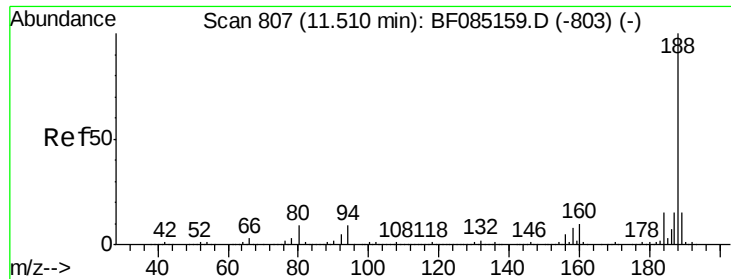
Delta R.T. -0.01 min

Lab File: BF085209.D

Acq: 4 Mar 2016 18:18

Tgt Ion:	77	Resp:	975701
Ion Ratio	Lower	Upper	
77	100		
182	18.1	2.1	42.1
105	22.1	3.8	43.8
51	27.7	7.8	47.8





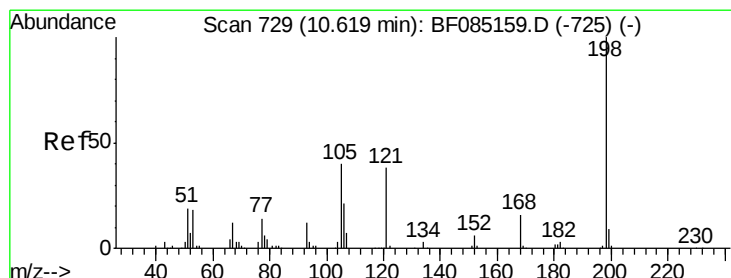
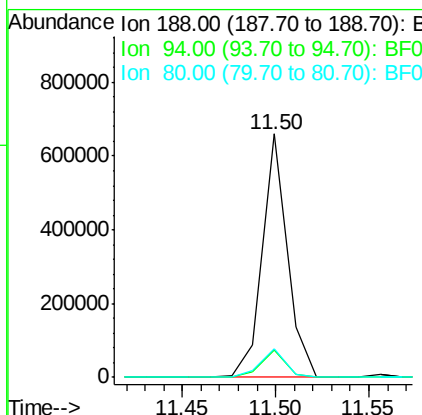
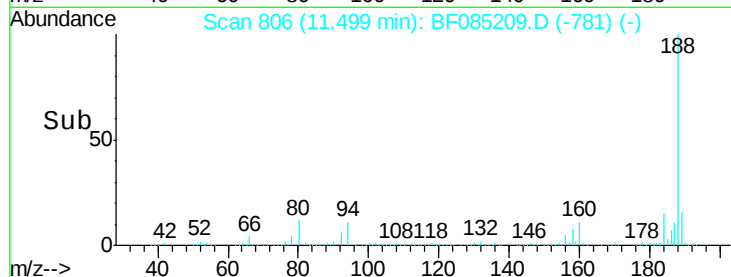
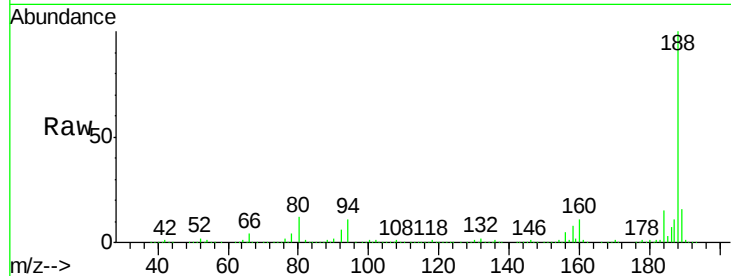
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF085209.D
Acq: 4 Mar 2016 18:18

Instrument :
BNA_F
ClientSampleId :
PB88700BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	11.1	7.0	10.6#
80	11.9	7.4	11.0#

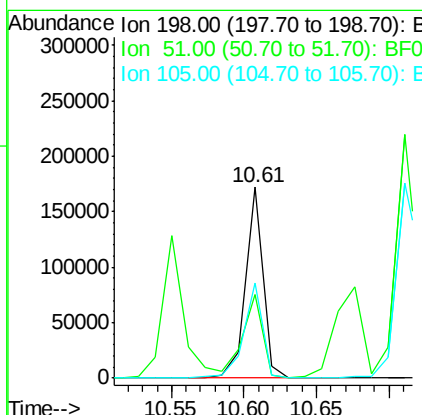
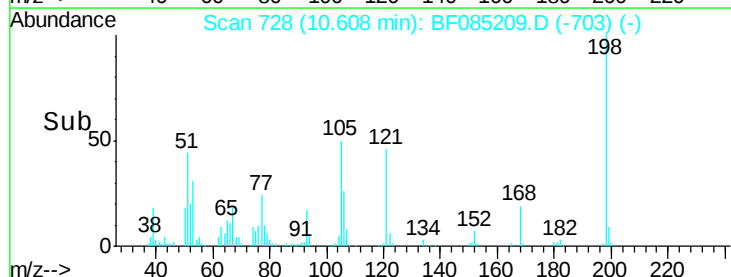
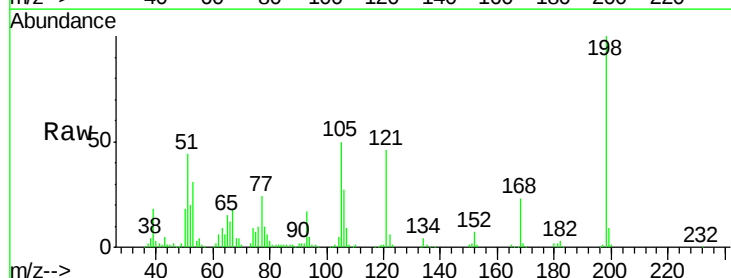
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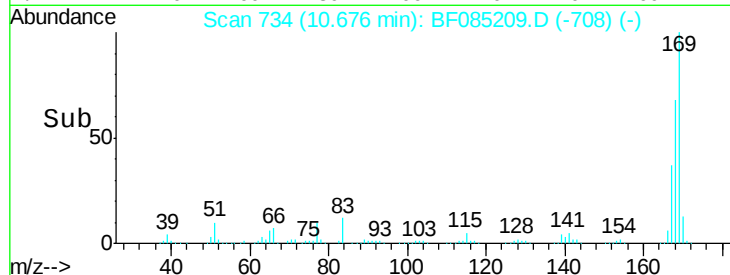
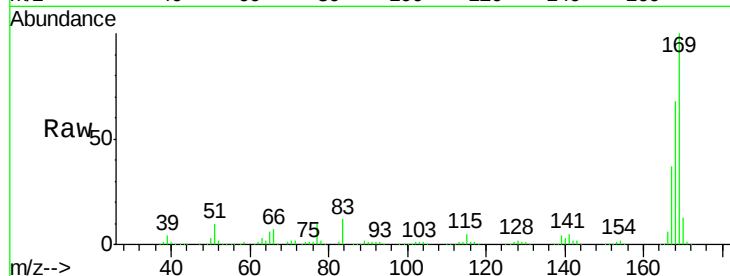
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#64
4,6-Dinitro-2-methylphenol
Concen: 39.52 ng
RT: 10.61 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF085209.D
Acq: 4 Mar 2016 18:18

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	43.7	9.5	49.5
105	49.9	20.5	60.5





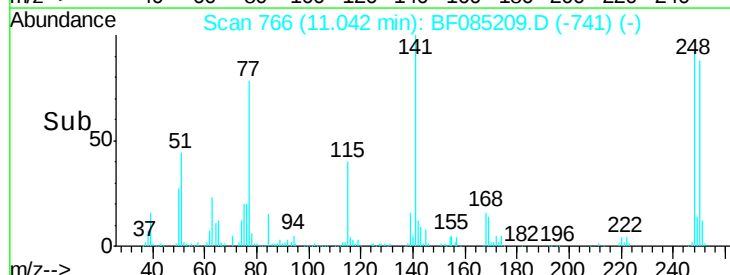
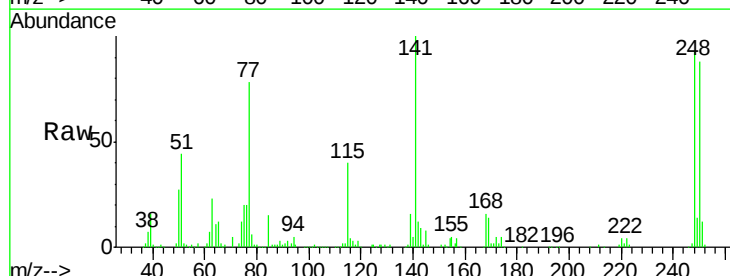
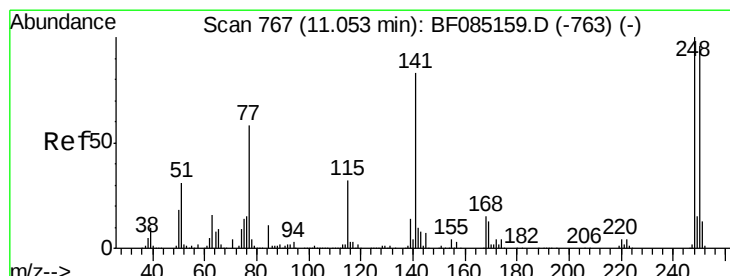
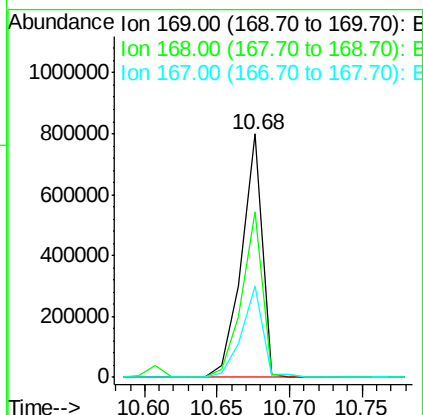
#65
n-Nitrosodiphenylamine
Concen: 41.82 ng
RT: 10.68 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF085209.D
Acq: 4 Mar 2016 18:18

Instrument :
BNA_F
ClientSampleId :
PB88700BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	792943		
168	67.9		54.8	82.2
167	37.4		30.3	45.5

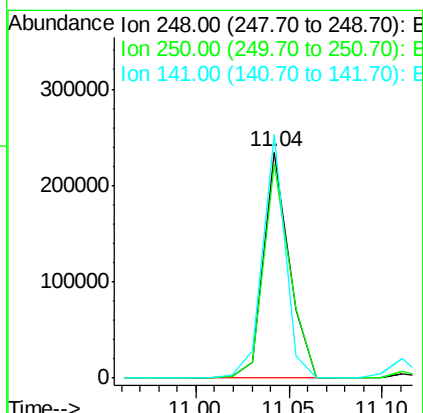
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#66
4-Bromophenyl-phenylether
Concen: 37.41 ng
RT: 11.04 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF085209.D
Acq: 4 Mar 2016 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	221441		
250	95.0		77.1	115.7
141	107.7		66.2	99.2#





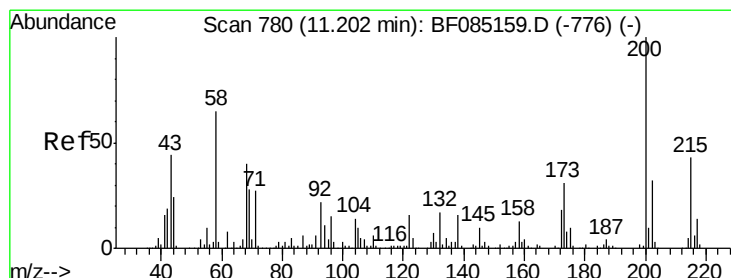
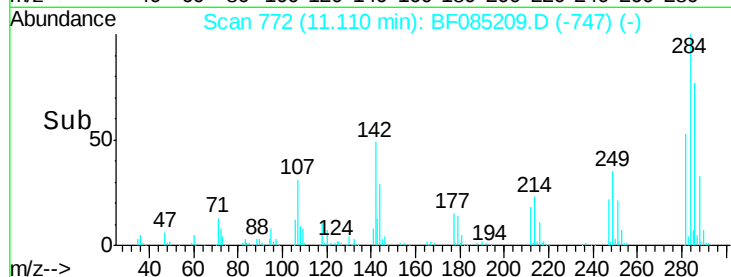
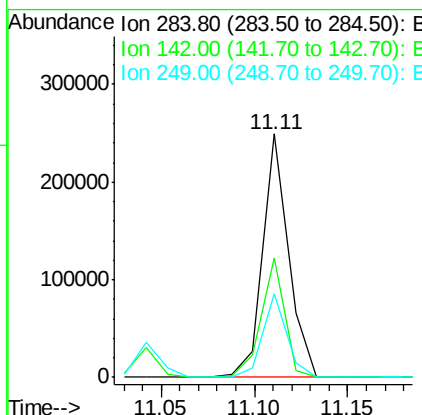
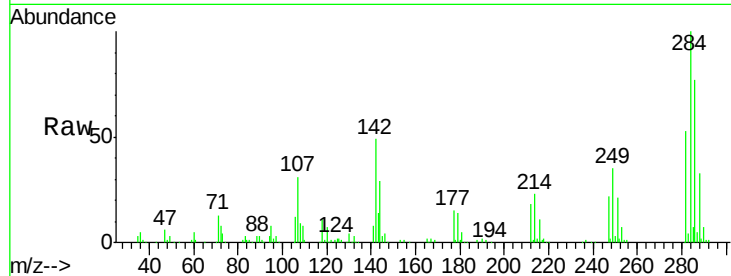
#67
Hexachlorobenzene
Concen: 37.42 ng
RT: 11.11 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF085209.D
Acq: 4 Mar 2016 18:18

Instrument :
BNA_F
ClientSampleId :
PB88700BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	236319		
142	49.0	24.9	37.3	
249	34.6	25.0	37.4	

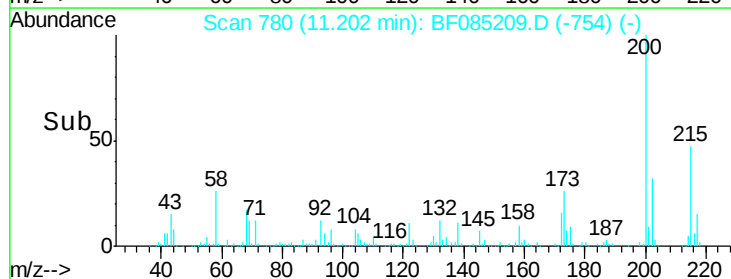
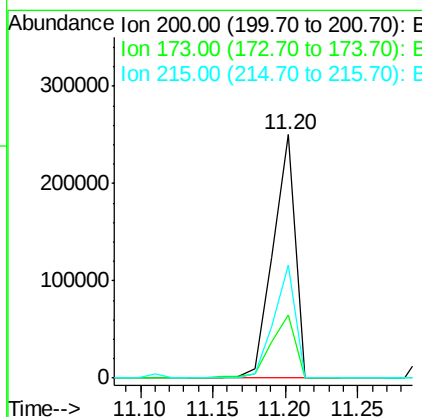
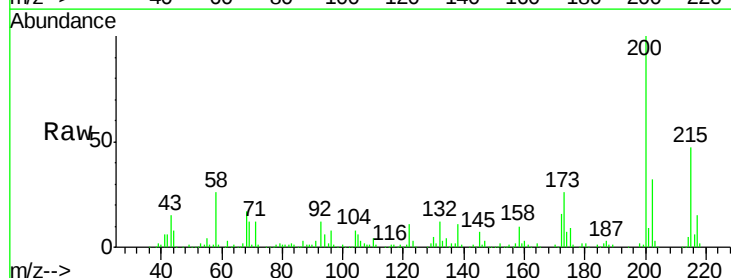
Manual Integrations
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#68
Atrazine
Concen: 50.46 ng
RT: 11.20 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF085209.D
Acq: 4 Mar 2016 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	266065		
173	25.8	10.5	50.5	
215	46.5	23.4	63.4	





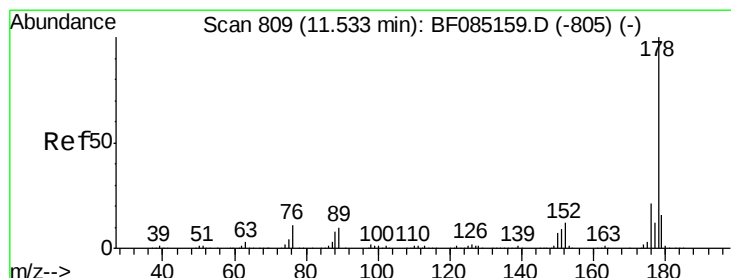
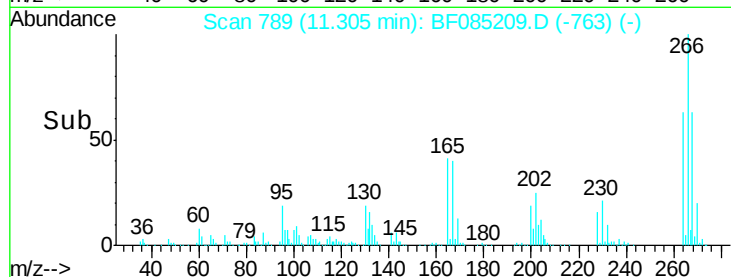
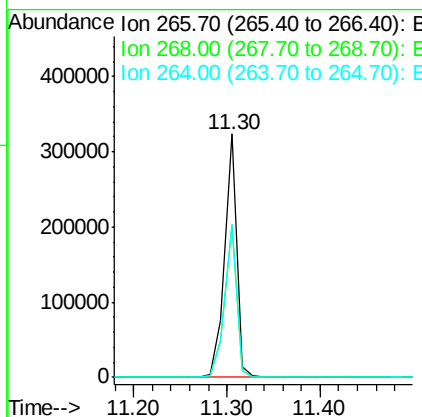
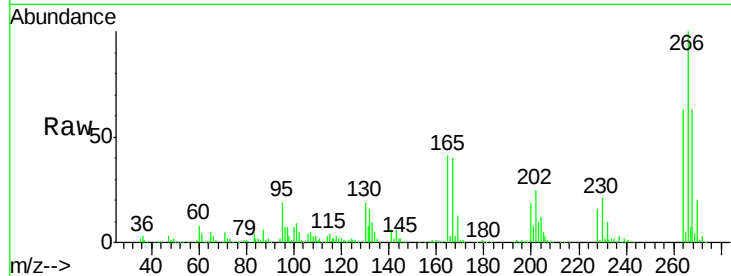
#69
 Pentachlorophenol
 Concen: 82.79 ng
 RT: 11.30 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF085209.D
 Acq: 4 Mar 2016 18:18

Instrument :
 BNA_F
 ClientSampleId :
 PB88700BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.9	50.0	75.0
264	62.6	51.4	77.2

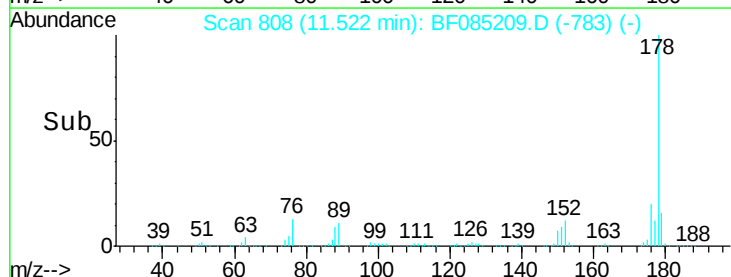
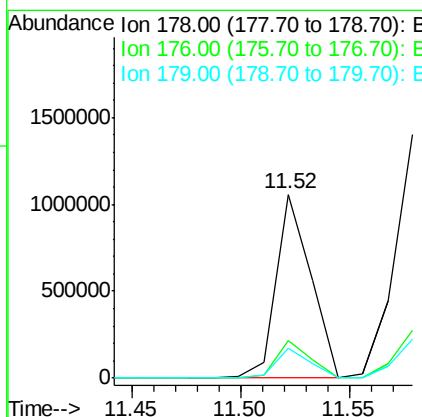
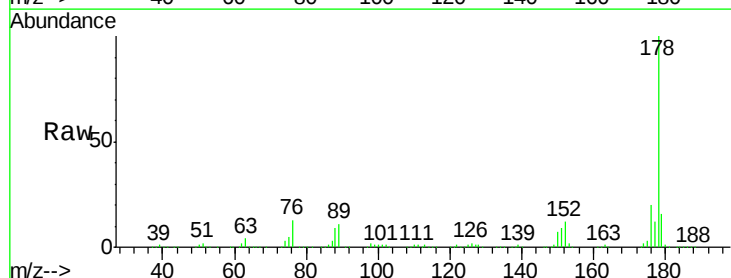
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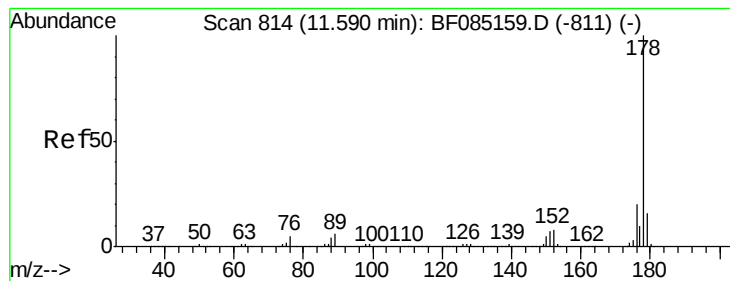
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#70
 Phenanthrene
 Concen: 37.12 ng
 RT: 11.52 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF085209.D
 Acq: 4 Mar 2016 18:18

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.8	25.2
179	16.1	13.1	19.7





#71

Anthracene

Concen: 38.67 ng

RT: 11.58 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF085209.D

Acq: 4 Mar 2016 18:18

Instrument :

BNA_F

ClientSampleId :

PB88700BS

Tot Ion:178 Resp: 1311435

Ion Ratio Lower Upper

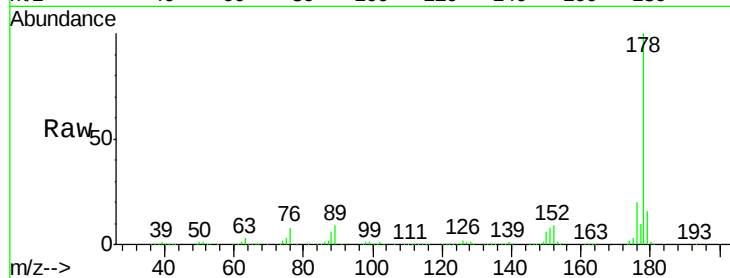
178 100

176 19.7 15.9 23.9

179 16.0 12.5 18.7

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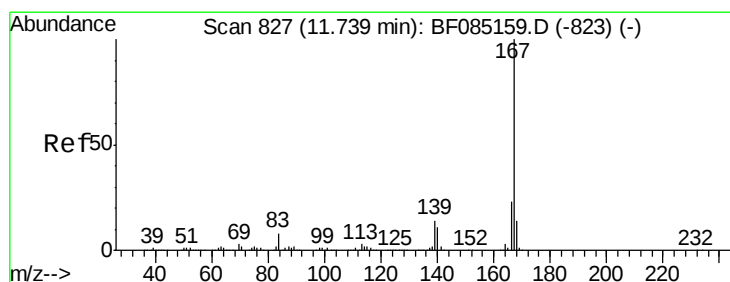
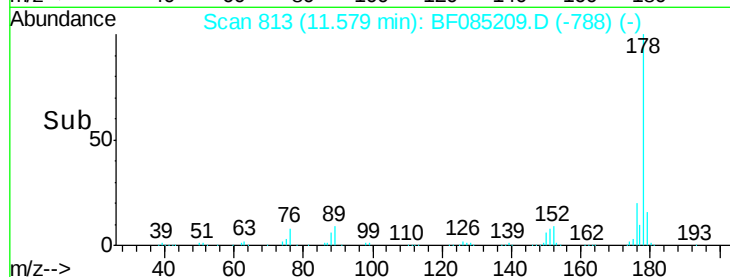
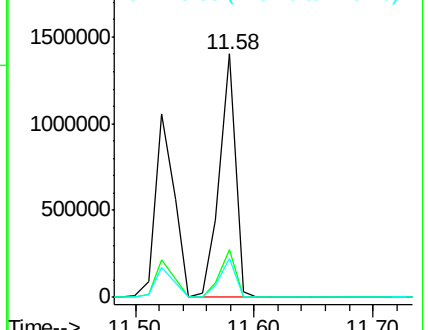
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 35.29 ng

RT: 11.73 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF085209.D

Acq: 4 Mar 2016 18:18

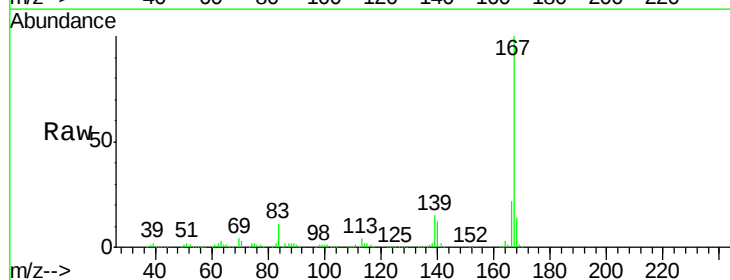
Tgt Ion:167 Resp: 1049468

Ion Ratio Lower Upper

167 100

166 22.5 18.2 27.2

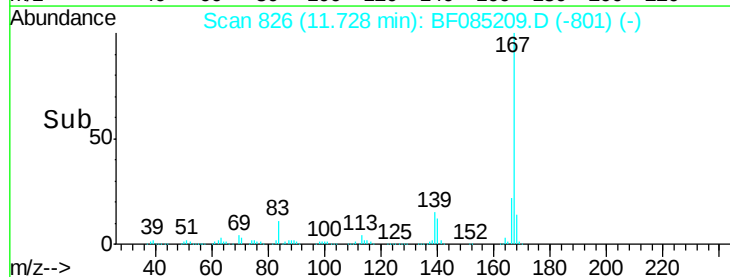
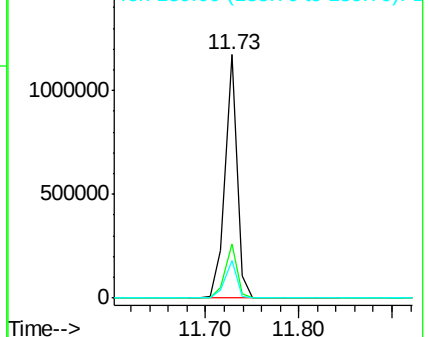
139 15.3 11.4 17.0

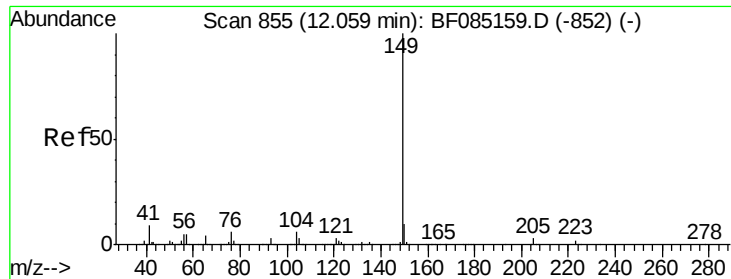


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.26 ng

RT: 12.06 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF085209.D

Acq: 4 Mar 2016 18:18

Instrument :

BNA_F

ClientSampleId :

PB88700BS

Tot Ion:149 Resp: 1438131

Ion Ratio Lower Upper

149 100

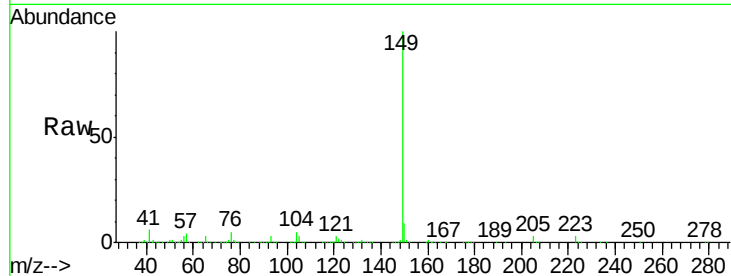
150 9.4 7.8 11.6

104 5.1 4.7 7.1

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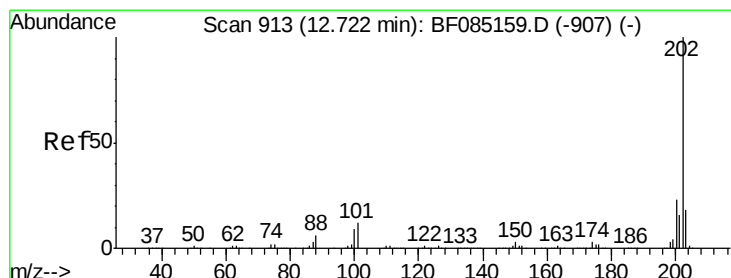
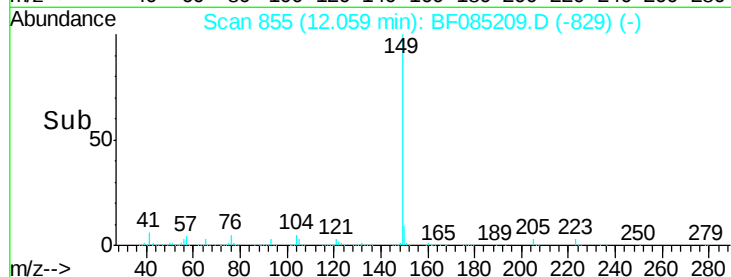
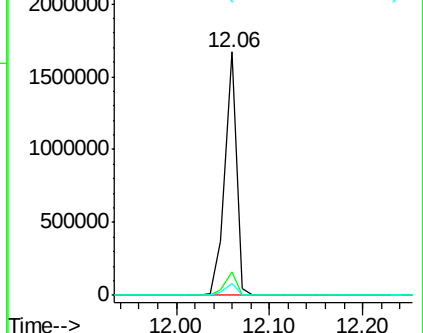
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.87 ng

RT: 12.71 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF085209.D

Acq: 4 Mar 2016 18:18

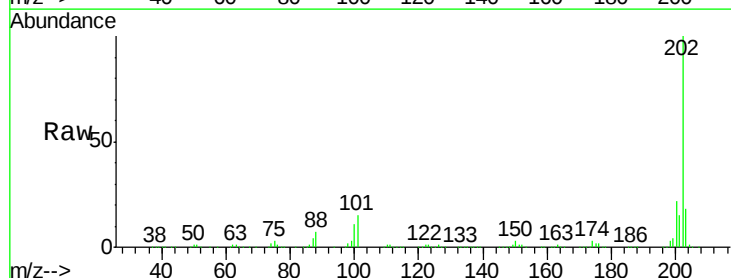
Tgt Ion:202 Resp: 1150079

Ion Ratio Lower Upper

202 100

101 14.9 0.0 31.8

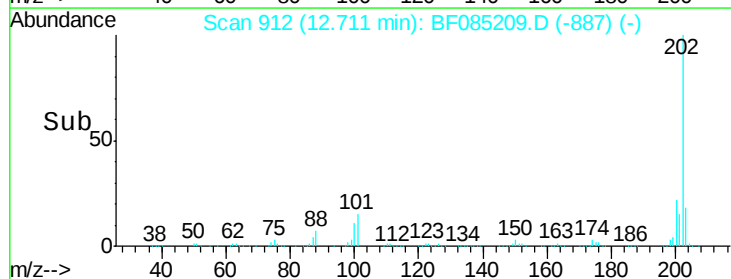
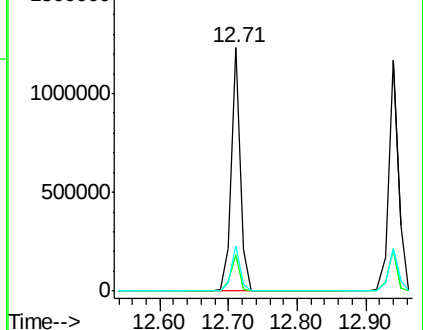
203 18.3 0.0 38.4

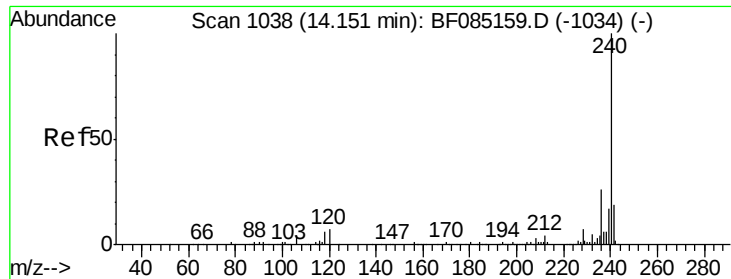


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.14 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF085209.D

Acq: 4 Mar 2016 18:18

Instrument :

BNA_F

ClientSampleId :

PB88700BS

Tot Ion:240 Resp: 452584

Ion Ratio Lower Upper

240 100

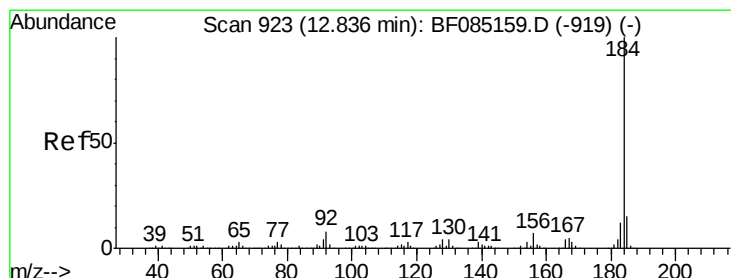
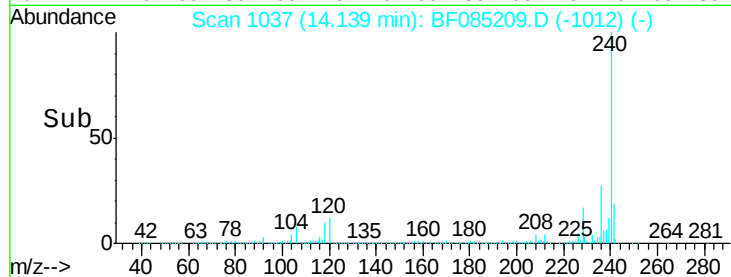
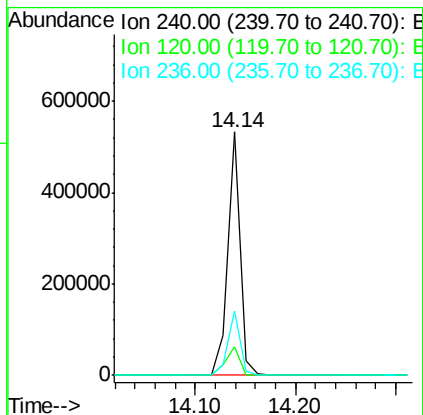
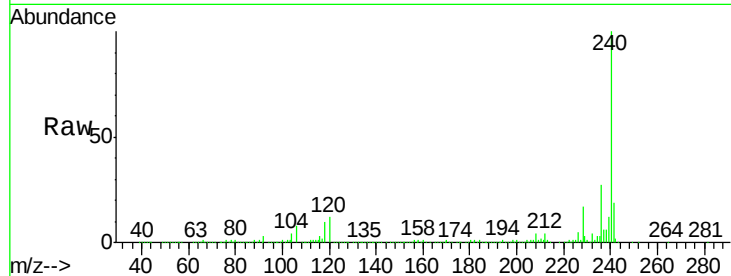
120 11.7 5.3 7.9#

236 26.6 20.7 31.1

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#76

Benzidine

Concen: 28.26 ng

RT: 12.82 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF085209.D

Acq: 4 Mar 2016 18:18

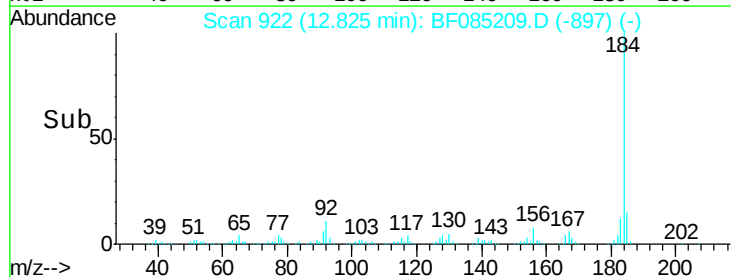
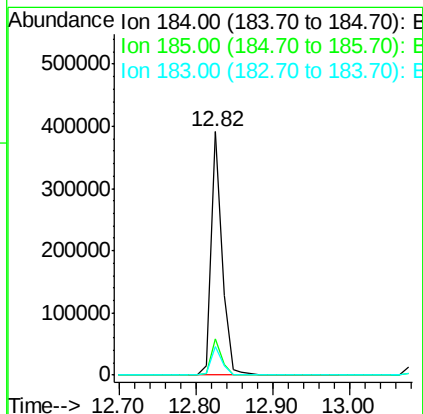
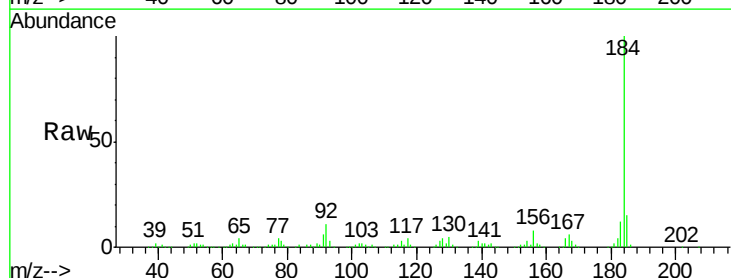
Tgt Ion:184 Resp: 380670

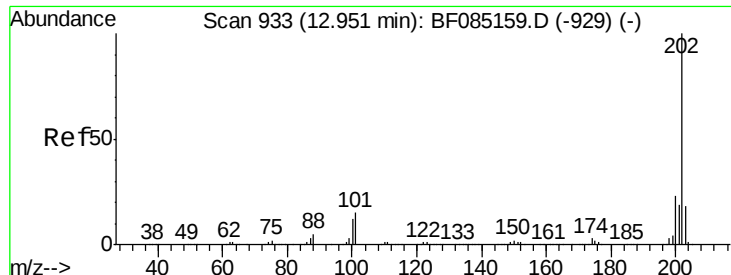
Ion Ratio Lower Upper

184 100

185 15.1 12.4 18.6

183 11.7 9.4 14.2





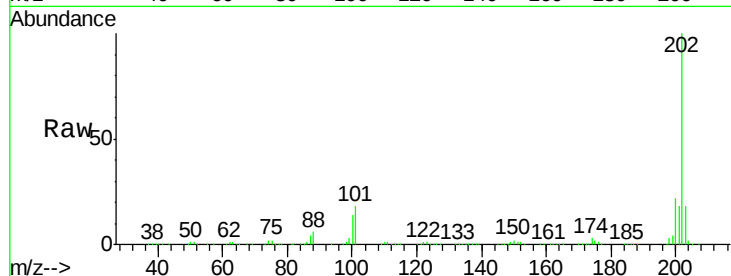
#77
Pvrene
Concen: 34.01 ng
RT: 12.94 min Scan# 932
Delta R.T. -0.01 min
Lab File: BF085209.D
Acq: 4 Mar 2016 18:18

Instrument :
BNA_F
ClientSampleId :
PB88700BS

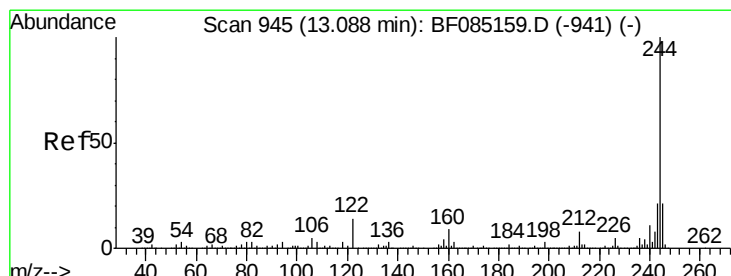
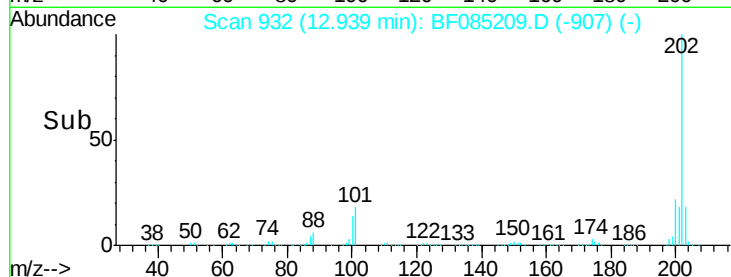
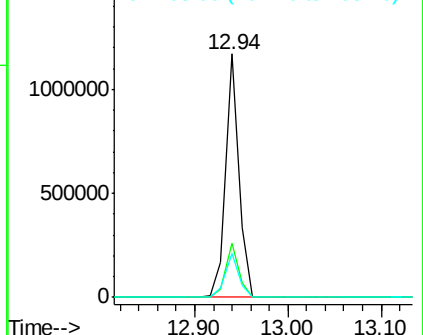
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.2	18.2	27.4
203	18.2	14.7	22.1

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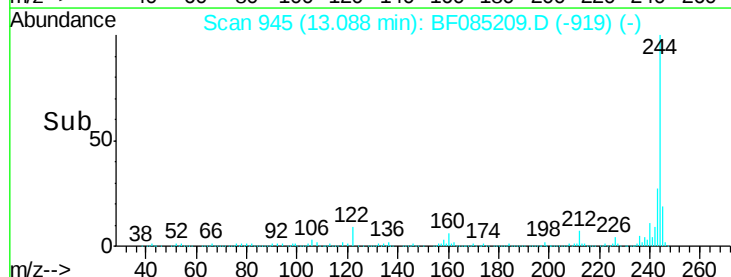
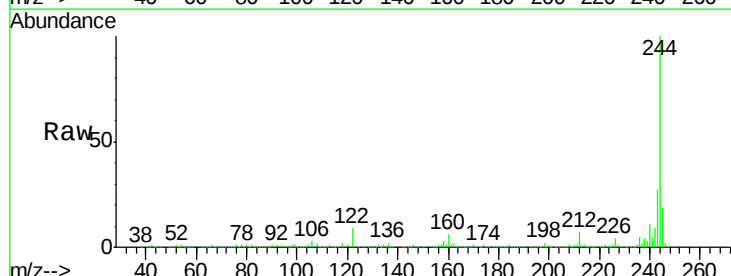
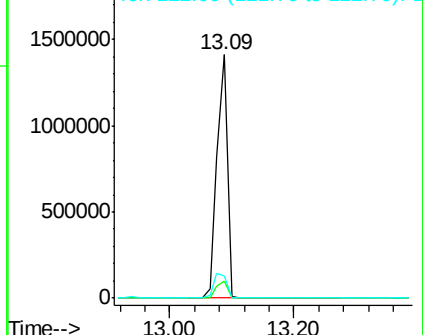
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

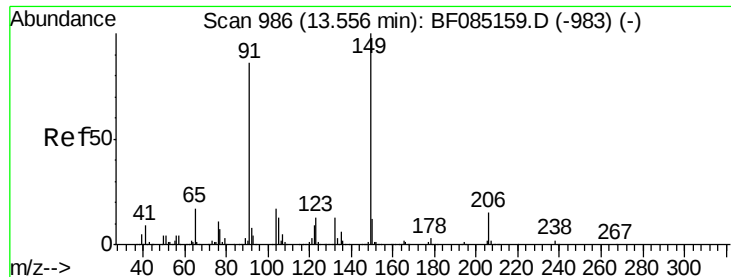


#78
Terphenyl-d14
Concen: 81.24 ng
RT: 13.09 min Scan# 945
Delta R.T. 0.00 min
Lab File: BF085209.D
Acq: 4 Mar 2016 18:18

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.4	9.6
122	9.0	11.4	17.2

Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





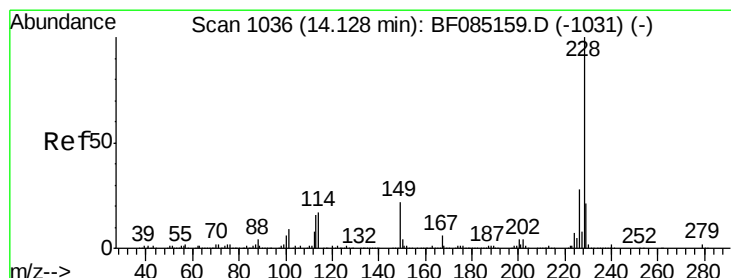
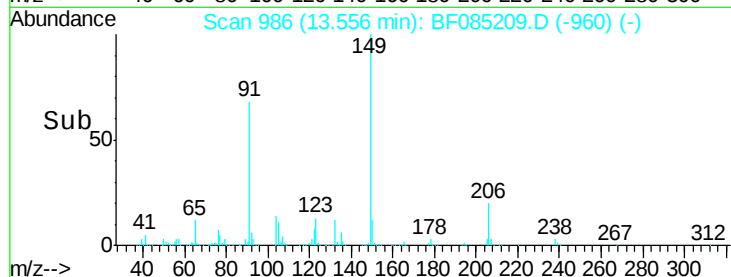
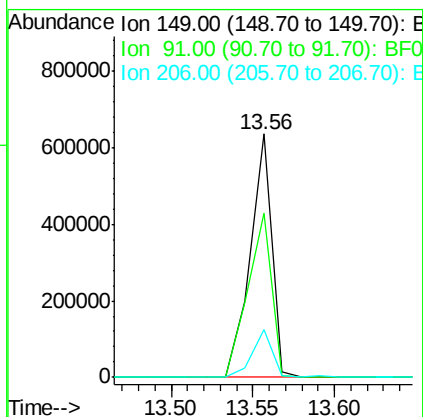
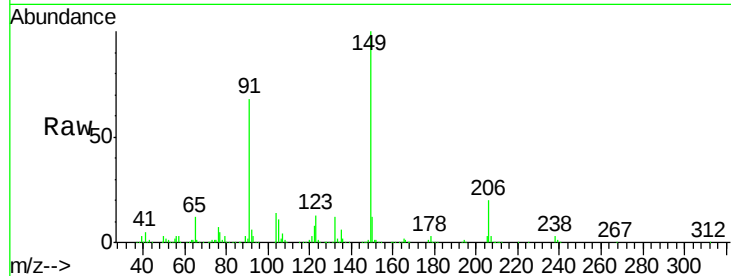
#79
Butylbenzylphthalate
Concen: 37.94 ng
RT: 13.56 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF085209.D
Acq: 4 Mar 2016 18:18

Instrument :
BNA_F
ClientSampleId :
PB88700BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	67.6	69.0	103.4#
206	19.6	12.3	18.5#

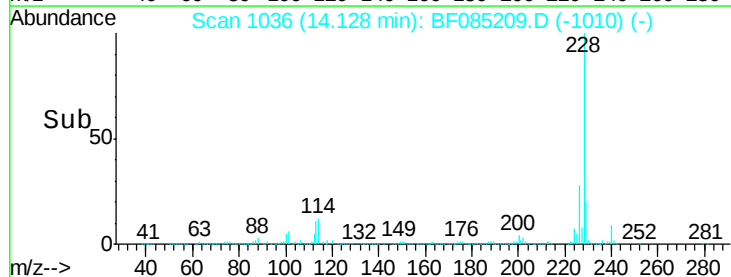
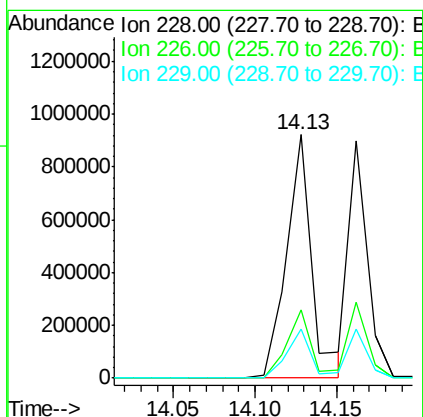
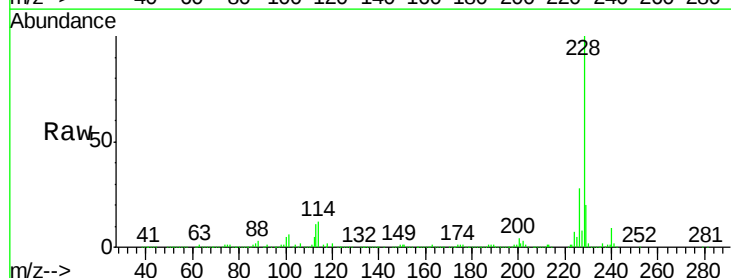
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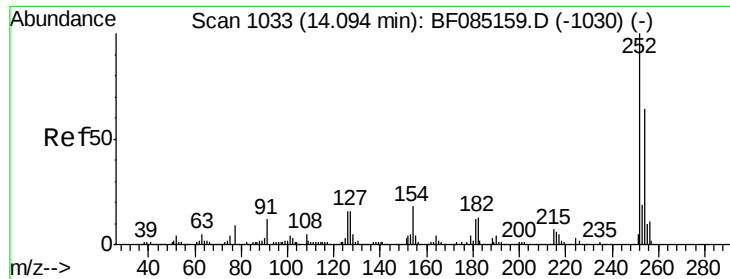
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#80
Benzo(a)anthracene
Concen: 36.74 ng
RT: 14.13 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF085209.D
Acq: 4 Mar 2016 18:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.8	34.2
229	20.2	16.6	24.8





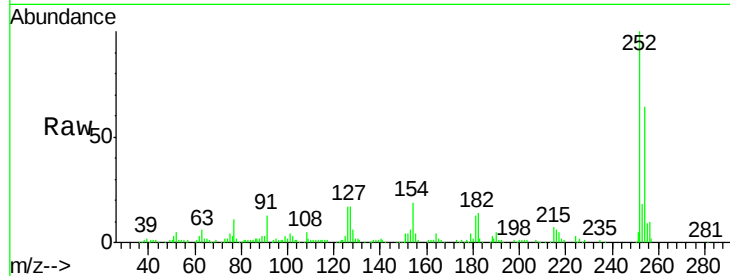
#81
 3,3'-Dichlorobenzidine
 Concen: 15.59 ng
 RT: 14.08 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF085209.D
 Acq: 4 Mar 2016 18:18

Instrument :
 BNA_F
 ClientSampleId :
 PB88700BS

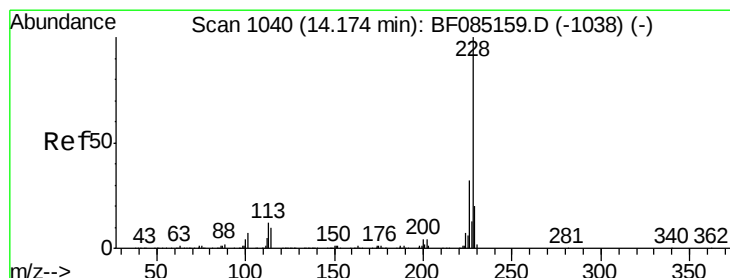
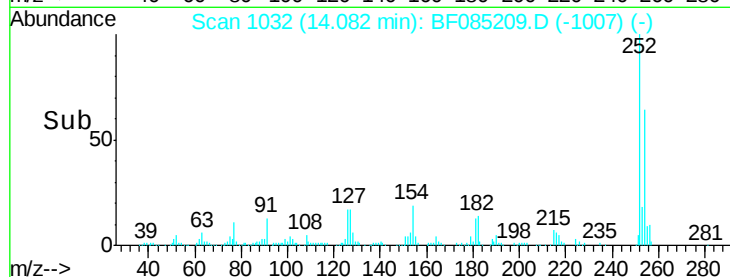
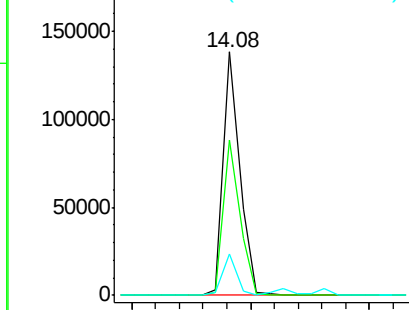
Tot Ion	Ratio	Resp	Lower	Upper
252	100	133222		
254	64.0	51.4	77.0	
126	17.1	12.9	19.3	

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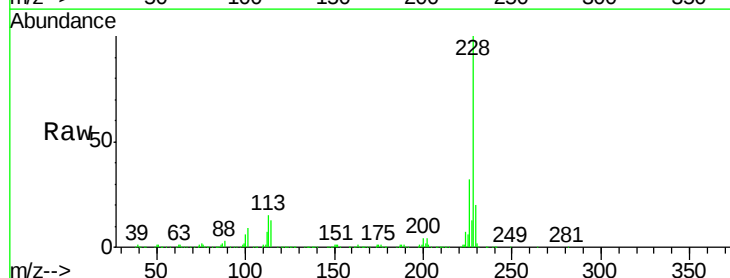


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

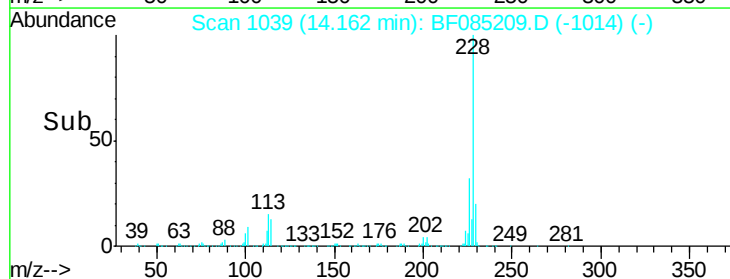
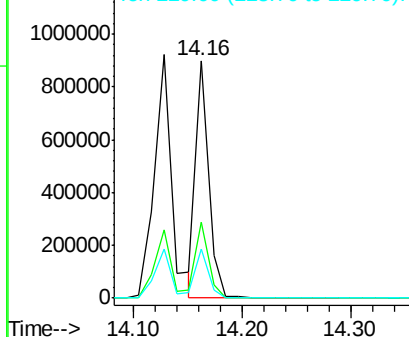


#82
 Chrysene
 Concen: 29.54 ng
 RT: 14.16 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF085209.D
 Acq: 4 Mar 2016 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	739236		
226	31.8	25.2	37.8	
229	20.4	16.0	24.0	



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





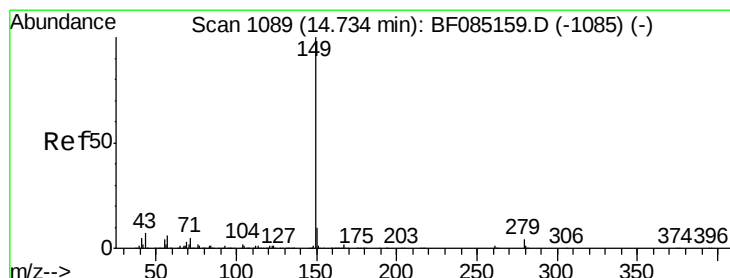
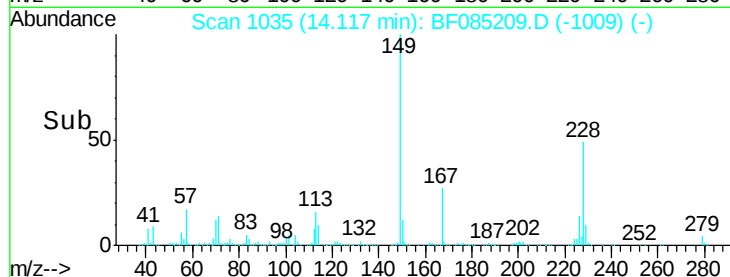
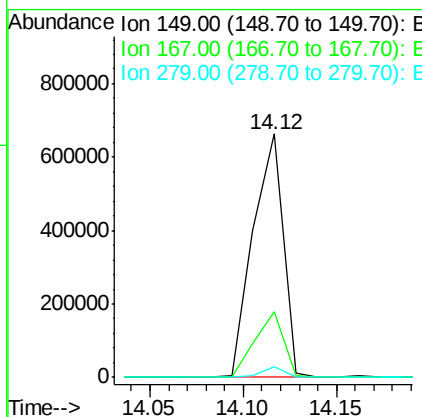
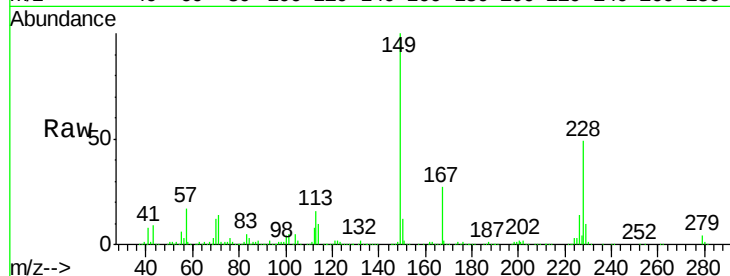
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.46 ng
 RT: 14.12 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF085209.D
 Acq: 4 Mar 2016 18:18

Instrument :
 BNA_F
 ClientSampleId :
 PB88700BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.1	20.3	30.5
279	4.2	1.9	2.9

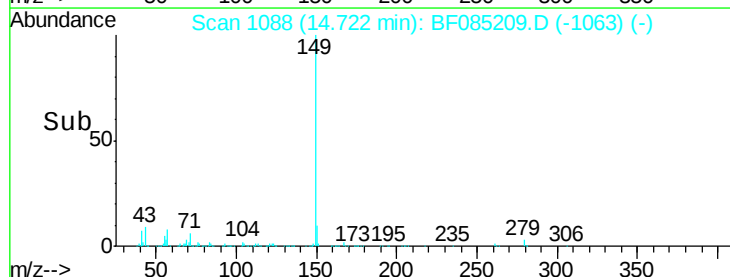
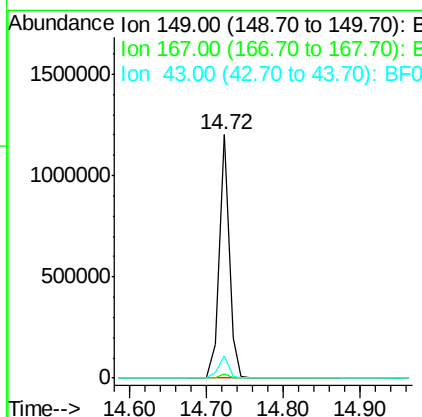
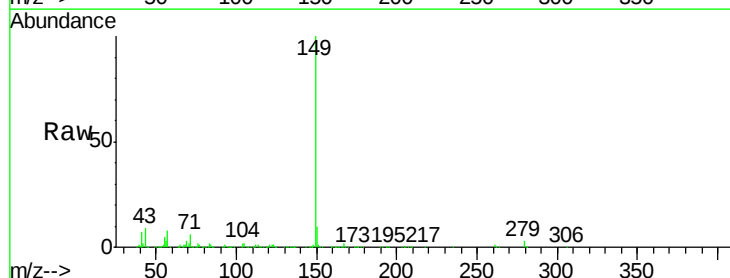
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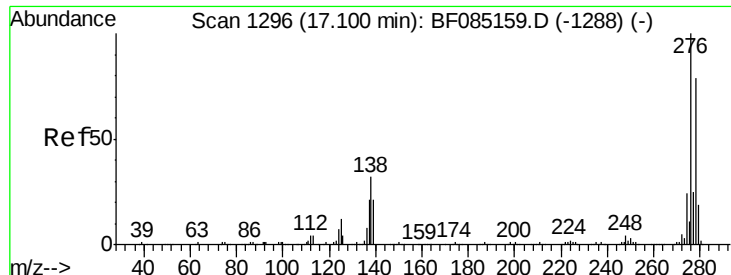
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#84
 Di-n-octyl phthalate
 Concen: 34.96 ng
 RT: 14.72 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: BF085209.D
 Acq: 4 Mar 2016 18:18

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.1	1.7
43	9.2	7.8	11.8





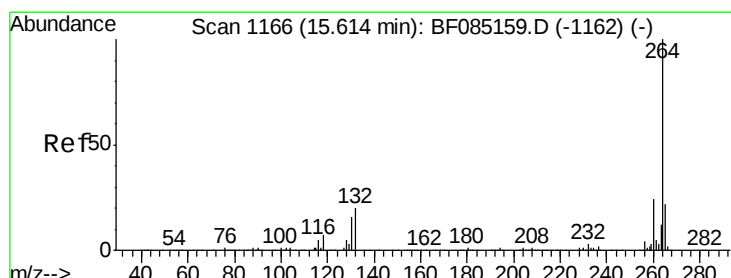
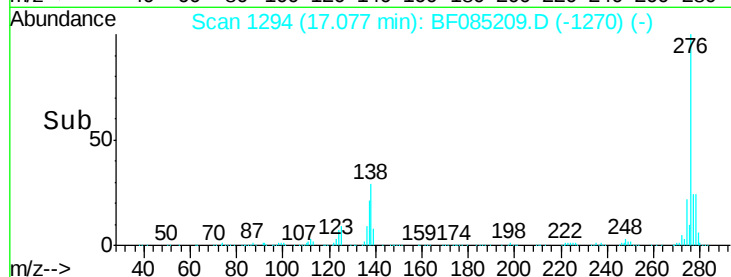
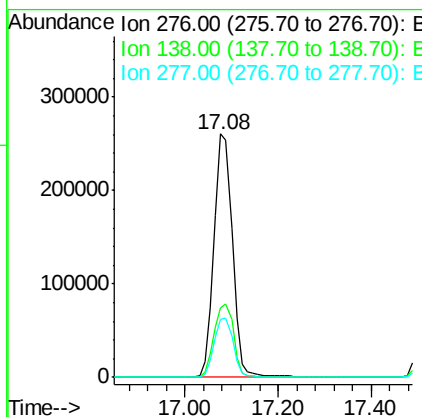
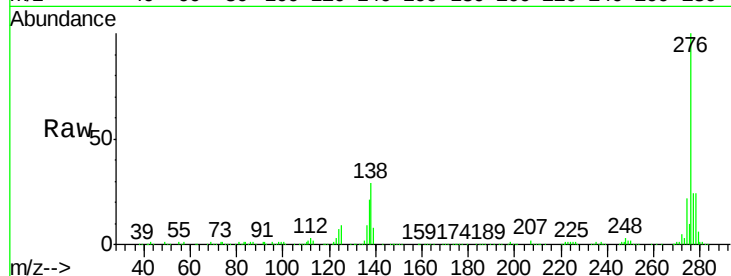
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.77 ng
 RT: 17.08 min Scan# 1294
 Delta R.T. -0.02 min
 Lab File: BF085209.D
 Acq: 4 Mar 2016 18:18

Instrument :
 BNA_F
 ClientSampleId :
 PB88700BS

Tot Ion:	276	Resp:	718130
Ion Ratio	Lower	Upper	
276	100		
138	32.2	26.4	39.6
277	25.1	20.2	30.2

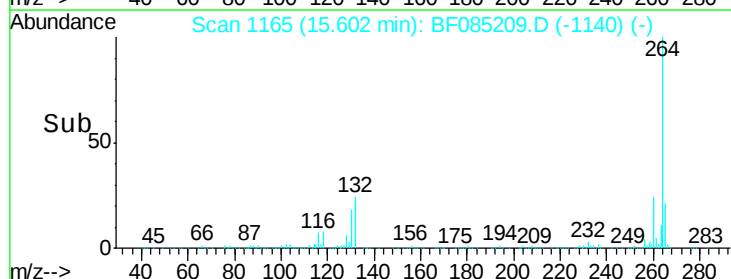
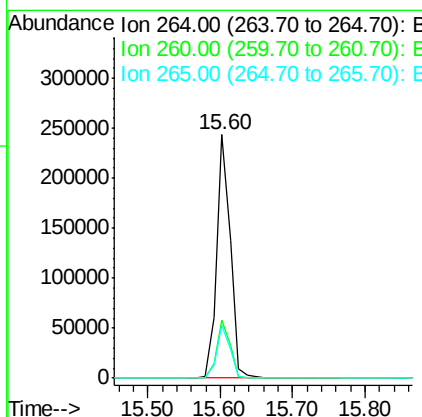
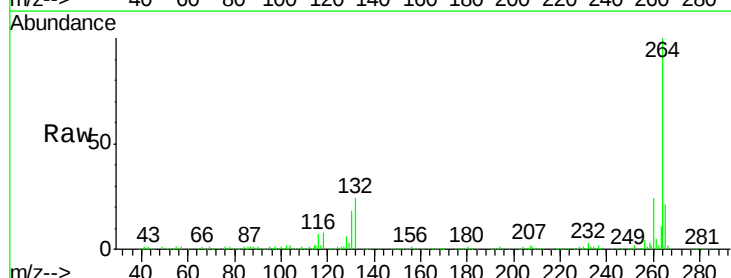
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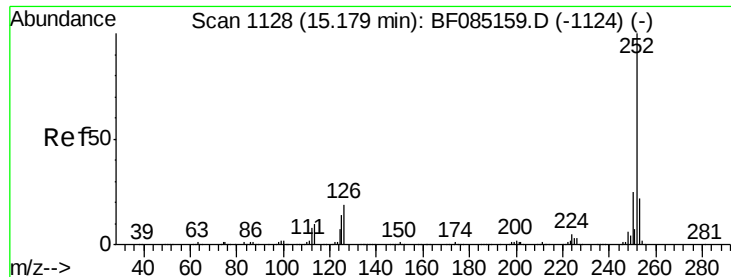
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.60 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF085209.D
 Acq: 4 Mar 2016 18:18

Tgt Ion:	264	Resp:	316912
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.2	28.8
265	21.5	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 37.75 ng

RT: 15.18 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF085209.D

Acq: 4 Mar 2016 18:18

Instrument :

BNA_F

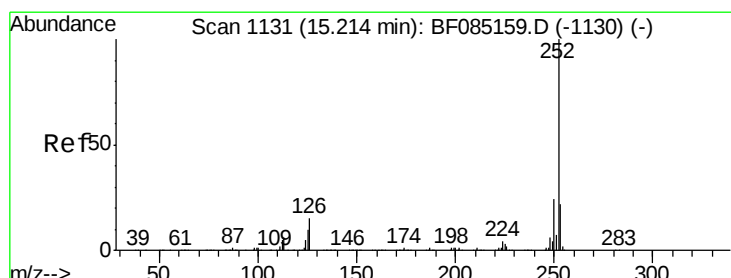
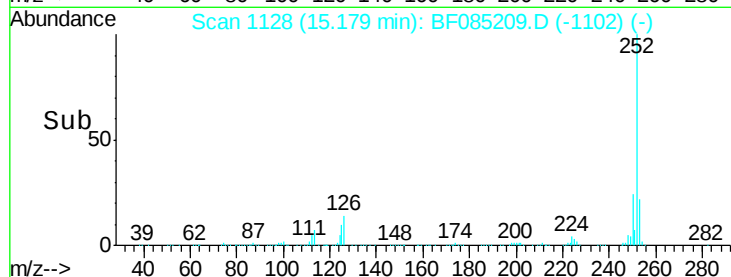
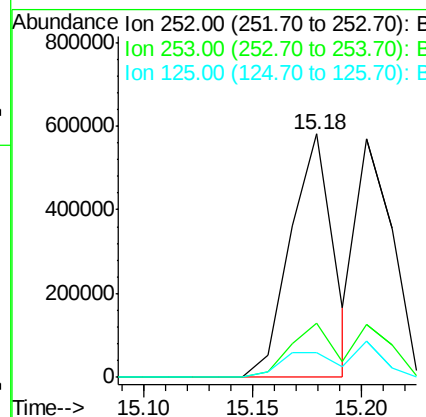
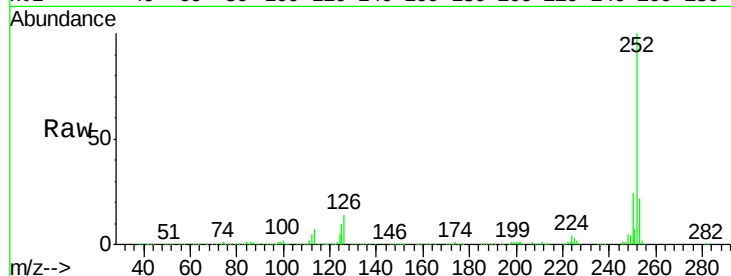
ClientSampleId :

PB88700BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	797365		
253	22.1		17.8	26.6
125	10.1		11.3	16.9

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#88

Benzo(k)fluoranthene

Concen: 38.60 ng m

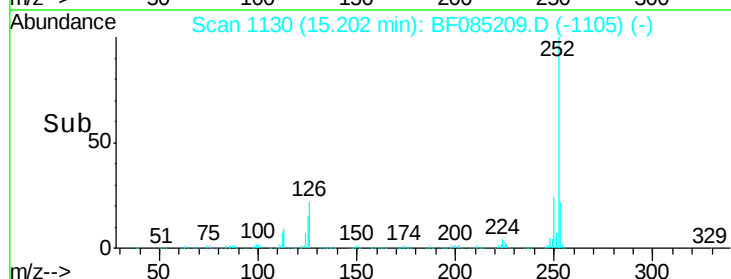
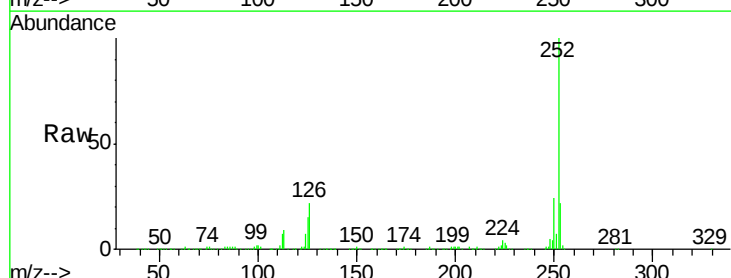
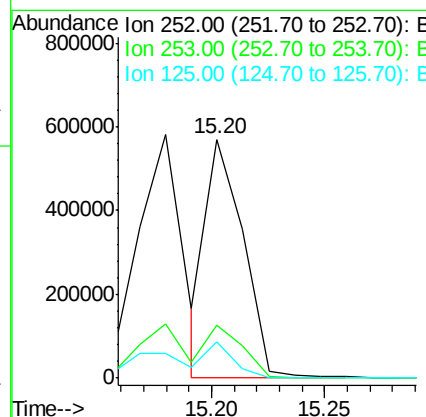
RT: 15.20 min Scan# 1130

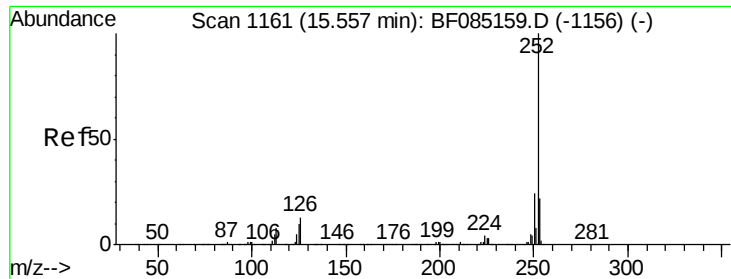
Delta R.T. -0.01 min

Lab File: BF085209.D

Acq: 4 Mar 2016 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	657609		
253	22.2		17.8	26.6
125	15.0		10.4	15.6





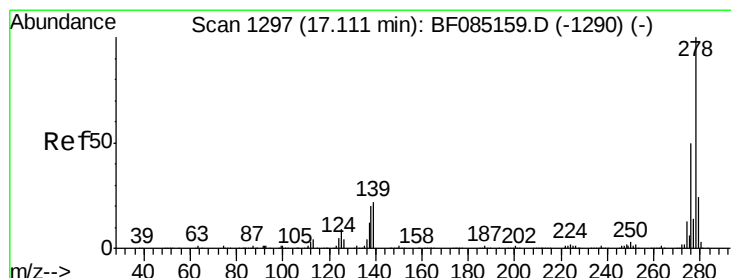
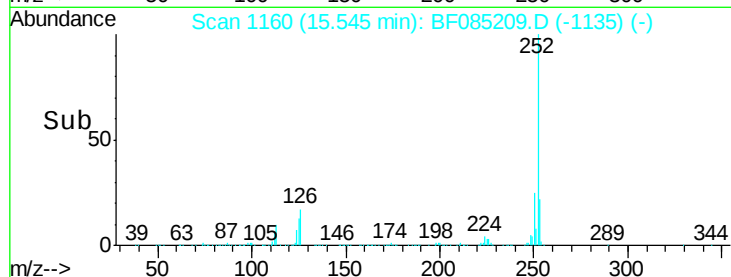
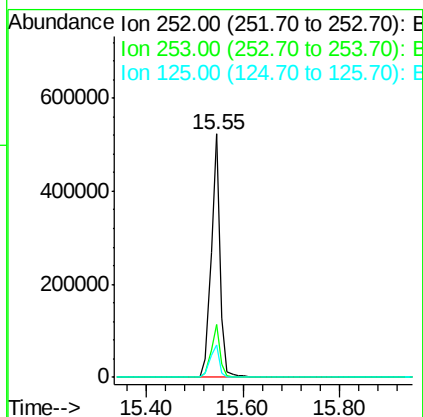
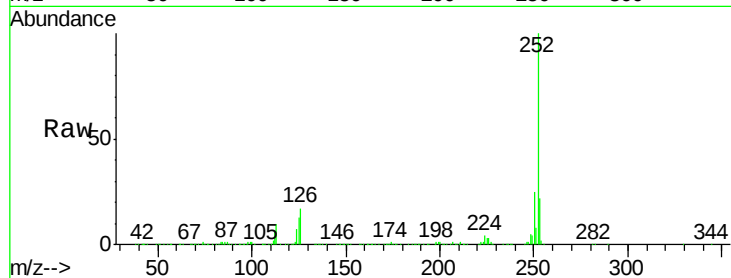
#89
Benzo(a)pyrene
Concen: 38.64 ng
RT: 15.55 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF085209.D
Acq: 4 Mar 2016 18:18

Instrument :
BNA_F
ClientSampleId :
PB88700BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.0
125	13.4	8.2	12.4

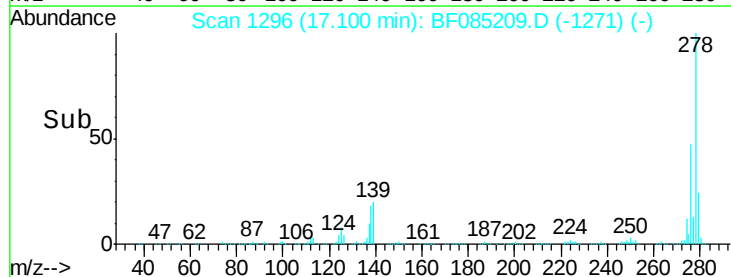
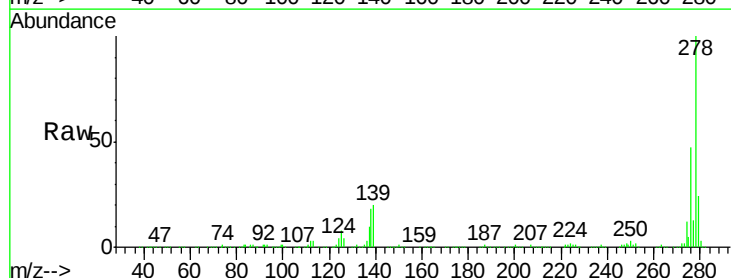
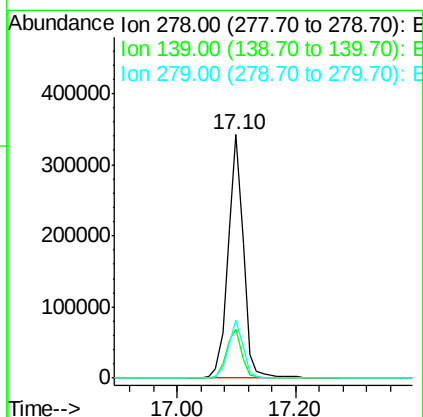
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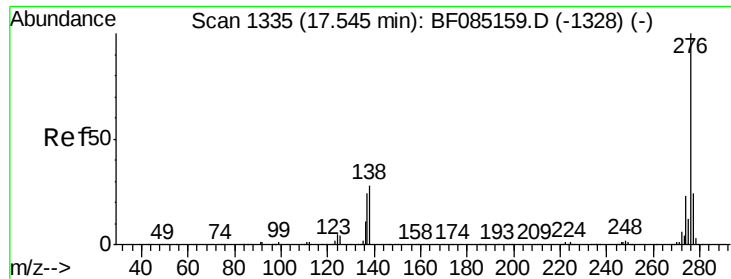
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#90
Dibenzo(a,h)anthracene
Concen: 40.72 ng
RT: 17.10 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF085209.D
Acq: 4 Mar 2016 18:18

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.1	17.3	25.9
279	23.6	19.2	28.8





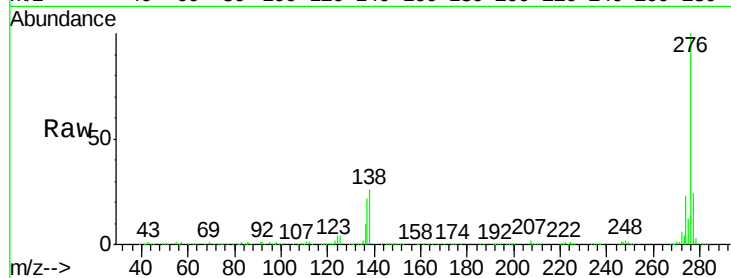
#91
 Benzo(a,h,i)perylene
 Concen: 40.59 ng
 RT: 17.53 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: BF085209.D
 Acq: 4 Mar 2016 18:18

Instrument :
 BNA_F
 ClientSampleId :
 PB88700BS

Tot Ion:	276	Resp:	609911
Ion Ratio	Lower	Upper	
276	100		
277	23.6	19.0	28.4
138	26.3	22.5	33.7

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Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

