

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
 Data File : BF085809.D
 Acq On : 28 Mar 2016 18:50
 Operator : UM/SJ
 Sample : PB89183BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 PB89183BS

Manual Integrations
 APPROVED

Sohil
 3/29/2016 12:03:16 PM

Quant Time: Mar 29 01:11:41 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 28 15:27:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	111043	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	453024	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	198435	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	365398	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	248155	20.00	ng	0.00
86) Perylene-d12	15.40	264	189287	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	777132	116.55	ng	0.01
7) Phenol-d6	6.46	99	990891	116.89	ng	0.00
23) Nitrobenzene-d5	7.38	82	618810	76.92	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	271246	143.87	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1076496	90.64	ng	-0.01
78) Terphenyl-d14	12.93	244	1086704	90.06	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	109097	34.27	ng	99
3) Pyridine	3.17	79	308609	40.43	ng	98
4) n-Nitrosodimethylamine	3.12	42	124487	40.74	ng	98
6) Aniline	6.48	93	203333	17.82	ng	95
8) 2-Chlorophenol	6.61	128	308646	39.84	ng	91
9) Benzaldehyde	6.37	77	23903	4.68	ng	95
10) Phenol	6.47	94	404638	42.13	ng	99
11) bis(2-Chloroethyl)ether	6.55	93	293817	39.75	ng	92
12) 1,3-Dichlorobenzene	6.76	146	331716	39.76	ng	# 95
13) 1,4-Dichlorobenzene	6.84	146	346455	40.95	ng	95
14) 1,2-Dichlorobenzene	6.98	146	305218	38.71	ng	96
15) Benzyl Alcohol	6.96	79	233823	41.34	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	362137	36.93	ng	97
17) 2-Methylphenol	7.08	107	252028	40.64	ng	97
18) Hexachloroethane	7.33	117	126509	40.84	ng	91
19) n-Nitroso-di-n-propylamine	7.24	70	205019	40.39	ng	95
20) 3+4-Methylphenols	7.24	107	319532	42.85	ng	# 87
22) Acetophenone	7.22	105	413818	39.21	ng	96
24) Nitrobenzene	7.41	77	342231	41.27	ng	# 86
25) Isophorone	7.65	82	618831	39.93	ng	94
26) 2-Nitrophenol	7.73	139	165510	39.90	ng	# 89
27) 2,4-Dimethylphenol	7.76	122	290366	40.04	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	354553	40.15	ng	98
29) 2,4-Dichlorophenol	7.97	162	265697	43.59	ng	97
30) 1,2,4-Trichlorobenzene	8.05	180	281837	41.64	ng	96
31) Naphthalene	8.13	128	932081	40.83	ng	99
32) Benzoic acid	7.90	122	180288	37.44	ng	98
33) 4-Chloroaniline	8.18	127	82904	8.90	ng	98
34) Hexachlorobutadiene	8.24	225	140407	38.17	ng	99
35) Caprolactam	8.55	113	86056m	39.85	ng	
36) 4-Chloro-3-methylphenol	8.68	107	289454	40.65	ng	87
37) 2-Methylnaphthalene	8.81	142	601210	45.23	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	243051	41.30	ng	98
40) Hexachlorocyclopentadiene	8.97	237	191372	78.26	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	168485	42.39	ng	99
43) 2,4,5-Trichlorophenol	9.14	196	173028	41.51	ng #	86
45) 1,1'-Biphenyl	9.28	154	694669	41.49	ng	97
46) 2-Chloronaphthalene	9.30	162	515556	41.87	ng	93
47) 2-Nitroaniline	9.41	65	176213	46.80	ng	99
48) Acenaphthylene	9.72	152	839131	41.83	ng	99
49) Dimethylphthalate	9.59	163	664525	44.14	ng	99
50) 2,6-Dinitrotoluene	9.65	165	130330	40.22	ng	97
51) Acenaphthene	9.89	154	514559	41.99	ng	99
52) 3-Nitroaniline	9.82	138	71366	19.24	ng	89
53) 2,4-Dinitrophenol	9.93	184	153178	92.54	ng #	74
54) Dibenzofuran	10.07	168	744802	46.96	ng	95
55) 4-Nitrophenol	9.99	139	196591	81.35	ng	93
56) 2,4-Dinitrotoluene	10.06	165	193959	47.09	ng #	78
57) Fluorene	10.41	166	563483	42.74	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.18	232	138119	47.68	ng	98
59) Diethylphthalate	10.29	149	668124	44.92	ng	100
60) 4-Chlorophenyl-phenylether	10.40	204	287933	44.66	ng #	87
61) 4-Nitroaniline	10.44	138	158894	44.79	ng	98
62) Azobenzene	10.56	77	710064	49.68	ng	93
64) 4,6-Dinitro-2-methylphenol	10.47	198	94573	44.19	ng #	53
65) n-Nitrosodiphenylamine	10.52	169	489312	42.28	ng	99
66) 4-Bromophenyl-phenylether	10.89	248	168156	44.98	ng #	85
67) Hexachlorobenzene	10.96	284	169022	43.23	ng #	85
68) Atrazine	11.05	200	159256	40.76	ng	96
69) Pentachlorophenol	11.16	266	177049	92.25	ng	100
70) Phenanthrene	11.36	178	832793	44.39	ng	100
71) Anthracene	11.42	178	873730	44.36	ng	99
72) Carbazole	11.58	167	817298	49.42	ng	99
73) Di-n-butylphthalate	11.91	149	980142	43.19	ng	98
74) Fluoranthene	12.55	202	784323	39.33	ng	97
76) Benzidine	12.68	184	184330	21.09	ng	98
77) Pyrene	12.78	202	811491	39.78	ng	99
79) Butylbenzylphthalate	13.40	149	369919	43.30	ng #	77
80) Benzo(a)anthracene	13.97	228	632137	44.67	ng	99
81) 3,3'-Dichlorobenzidine	13.93	252	111882	11.39	ng #	95
82) Chrysene	14.00	228	488375	34.27	ng	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	469662	45.92	ng #	98
84) Di-n-octyl phthalate	14.56	149	705499	46.39	ng	100
85) Indeno(1,2,3-cd)pyrene	16.78	276	565048	51.34	ng	98
87) Benzo(b)fluoranthene	14.99	252	581860m	48.80	ng	
88) Benzo(k)fluoranthene	15.02	252	377017m	35.07	ng	
89) Benzo(a)pyrene	15.34	252	475266	44.89	ng #	97
90) Dibenzo(a,h)anthracene	16.79	278	469027	47.68	ng	99
91) Benzo(g,h,i)perylene	17.20	276	484497	48.64	ng #	93

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

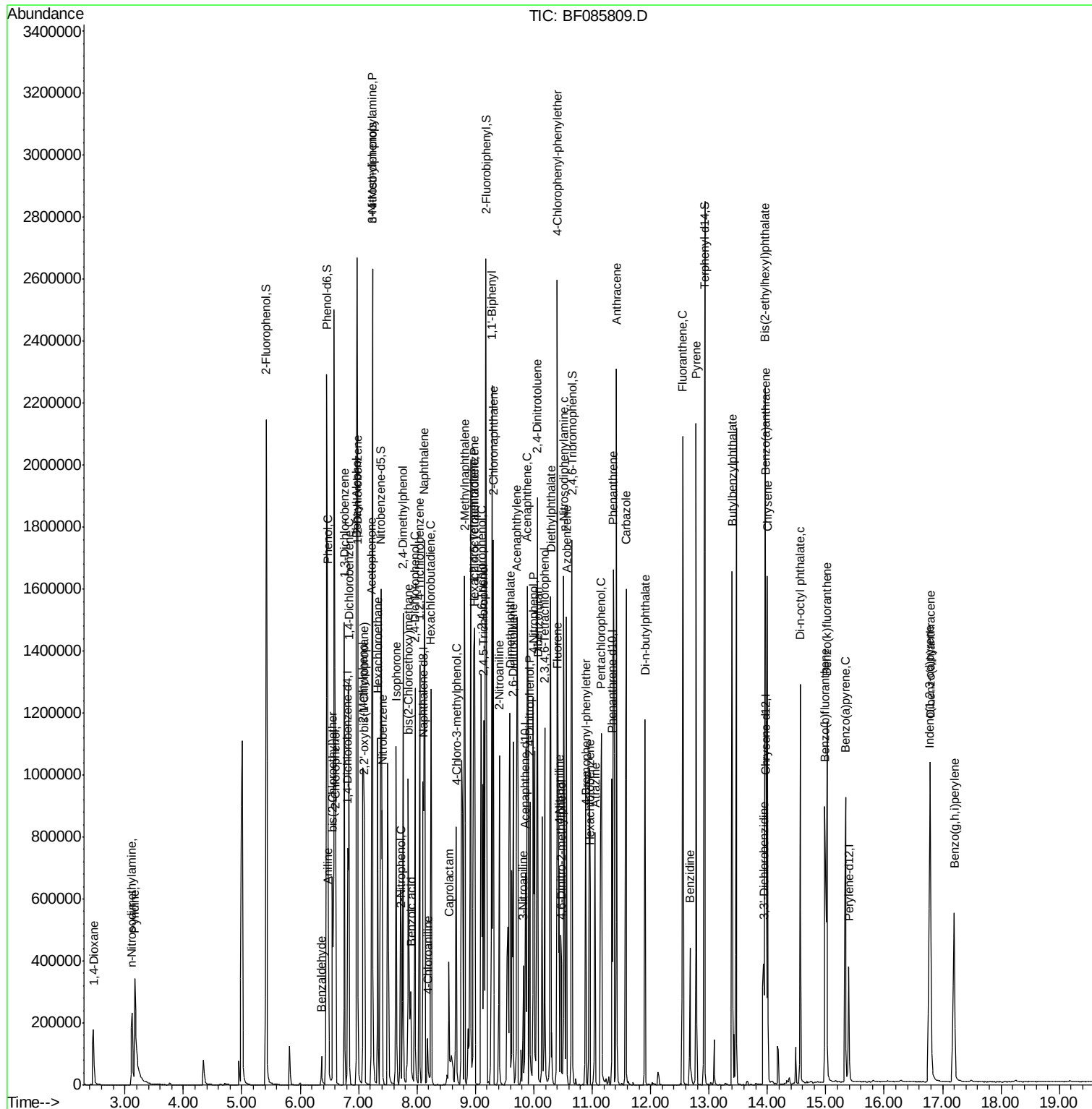
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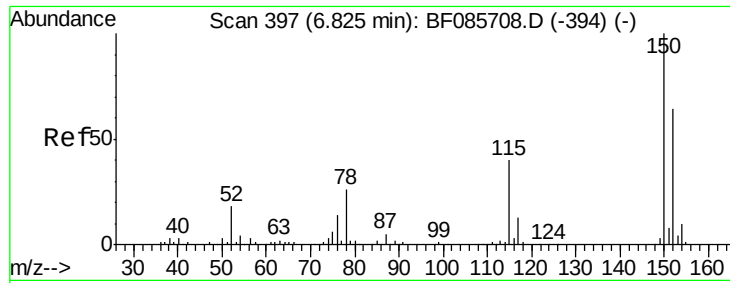
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF085809.D

Acq: 28 Mar 2016 18:50

Instrument :

BNA_F

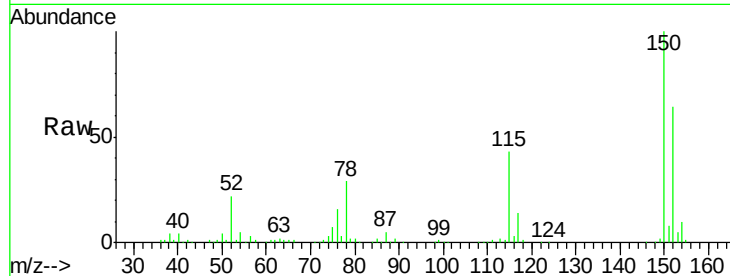
ClientSampleId :

PB89183BS

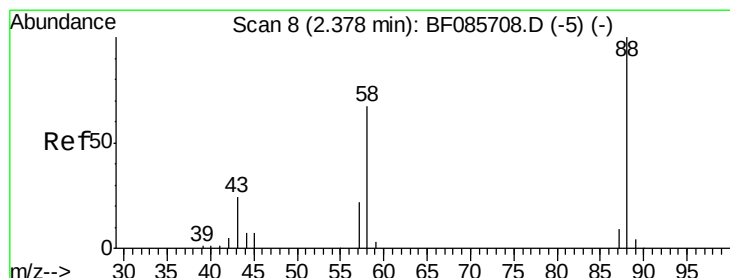
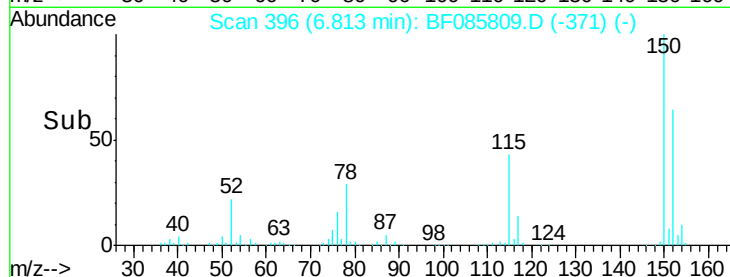
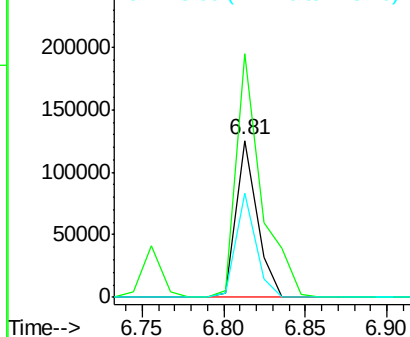
Tgt Ion:	152	Resp:	111043
Ion Ratio	Lower	Upper	
152	100		
150	155.2	124.2	186.2
115	66.5	47.0	70.6

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



#2

1,4-Dioxane

Concen: 34.27 ng

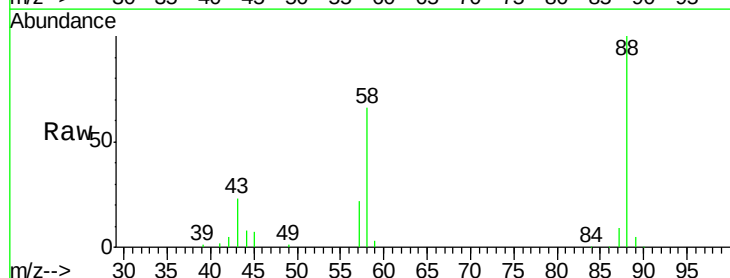
RT: 2.46 min Scan# 15

Delta R.T. 0.08 min

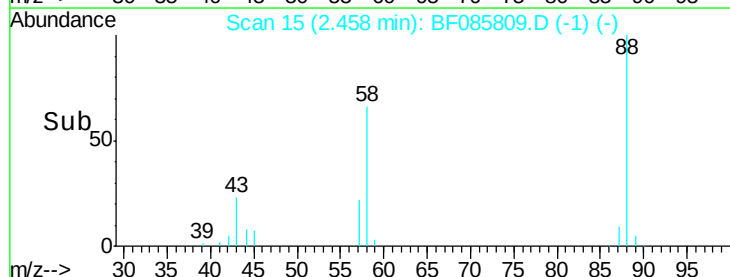
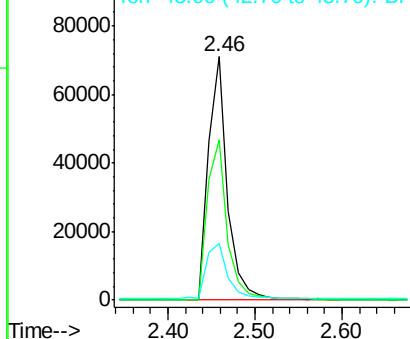
Lab File: BF085809.D

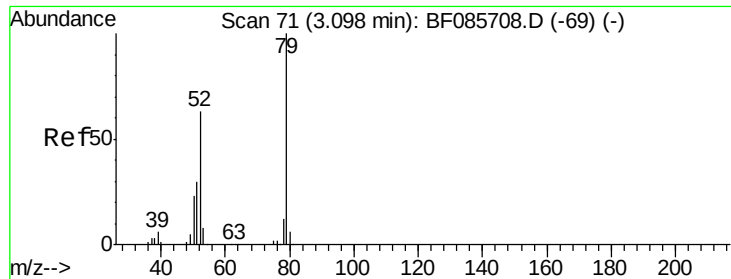
Acq: 28 Mar 2016 18:50

Tgt Ion:	88	Resp:	109097
Ion Ratio	Lower	Upper	
88	100		
58	68.6	54.2	81.2
43	24.8	19.3	28.9



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

Pyridine

Concen: 40.43 ng

RT: 3.17 min Scan# 77

Delta R.T. 0.07 min

Lab File: BF085809.D

Acq: 28 Mar 2016 18:50

Instrument :

BNA_F

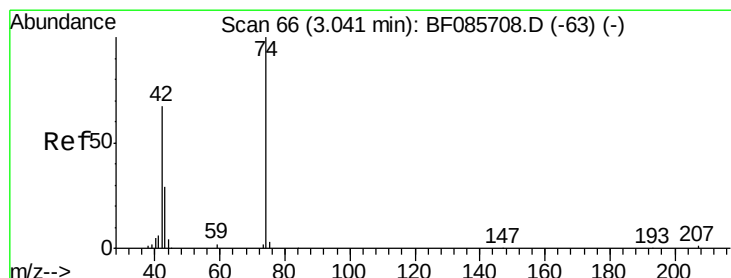
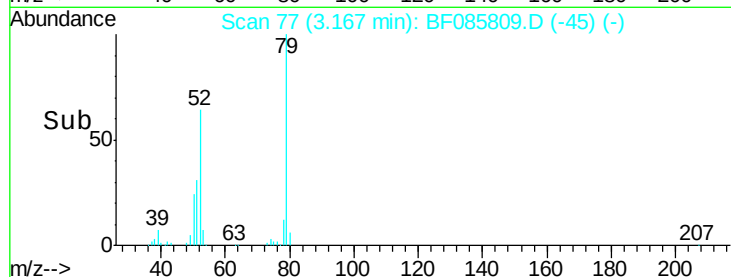
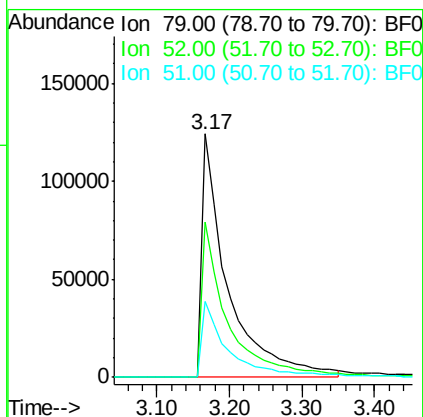
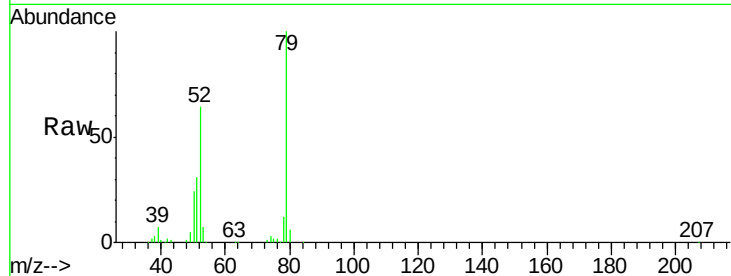
ClientSampleId :

PB89183BS

Tgt Ion:	79	Resp:	308609
Ion	Ratio	Lower	Upper
79	100		
52	63.8	49.8	74.6
51	31.2	24.7	37.1

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 40.74 ng

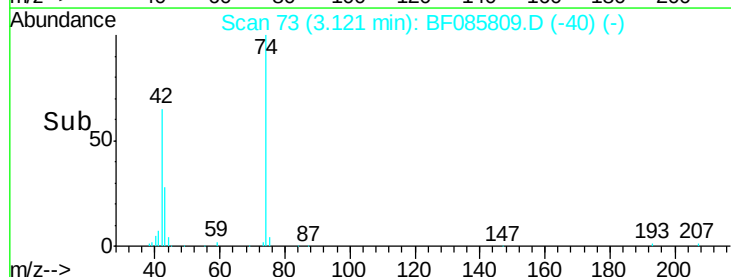
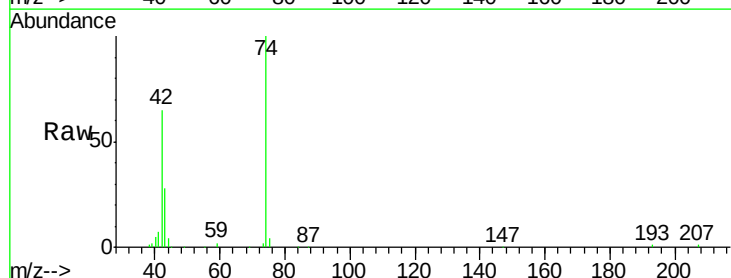
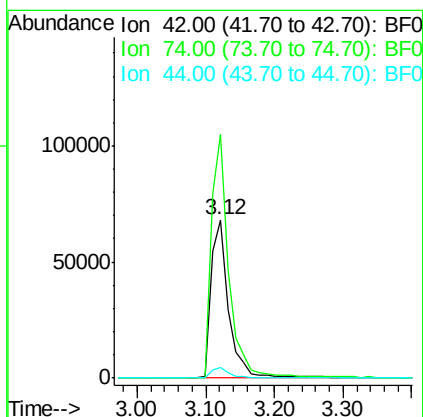
RT: 3.12 min Scan# 73

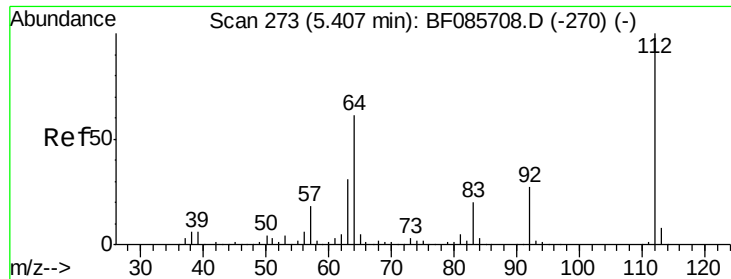
Delta R.T. 0.08 min

Lab File: BF085809.D

Acq: 28 Mar 2016 18:50

Tgt Ion:	42	Resp:	124487
Ion	Ratio	Lower	Upper
42	100		
74	154.0	121.4	182.2
44	6.7	5.6	8.4





#5

2-Fluorophenol

Concen: 116.55 ng

RT: 5.42 min Scan# 274

Delta R.T. 0.01 min

Lab File: BF085809.D

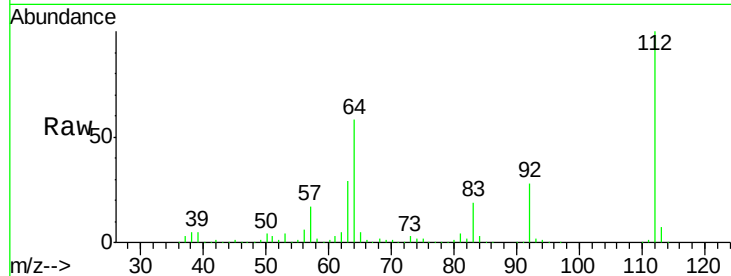
Acq: 28 Mar 2016 18:50

Instrument :

BNA_F

ClientSampleId :

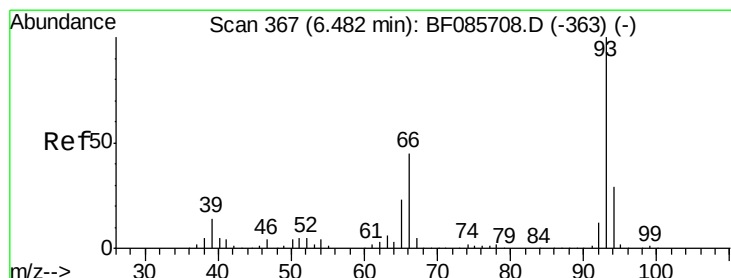
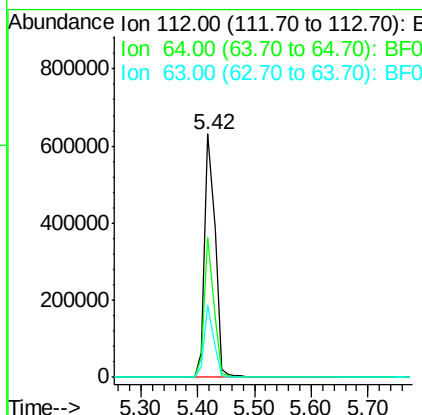
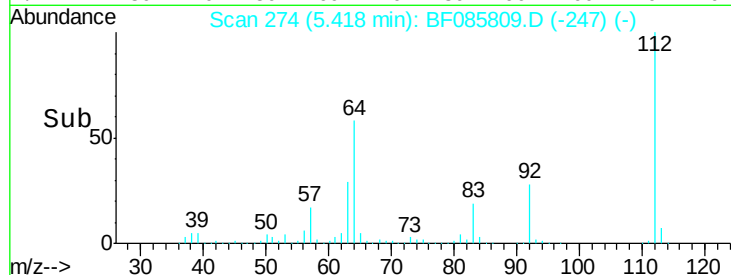
PB89183BS



Tgt Ion	Ratio	Resp	Lower	Upper
112	100	777132		
64	57.6	39.9	59.9	
63	29.4	20.2	30.2	

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#6

Aniline

Concen: 17.82 ng

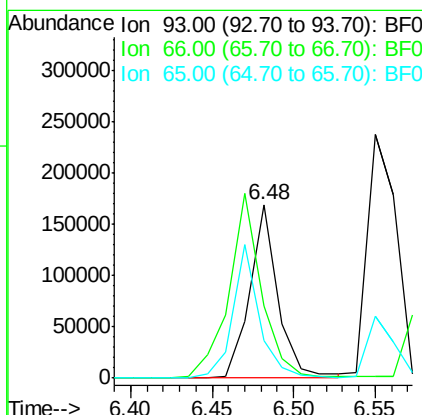
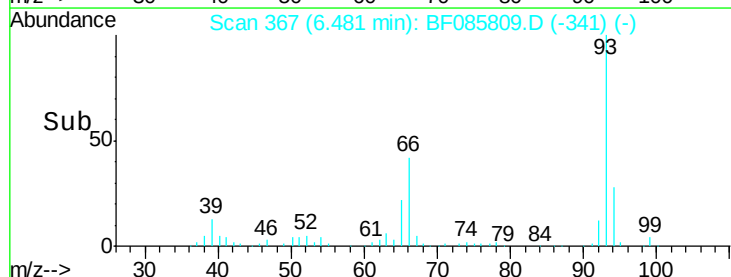
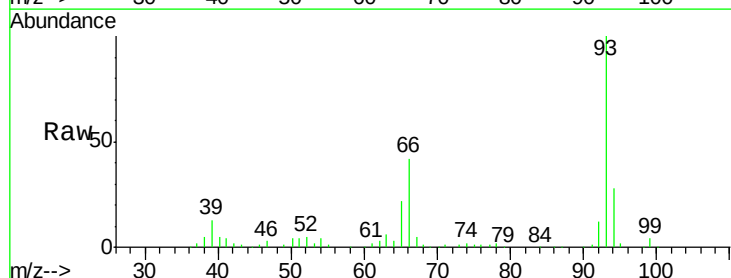
RT: 6.48 min Scan# 367

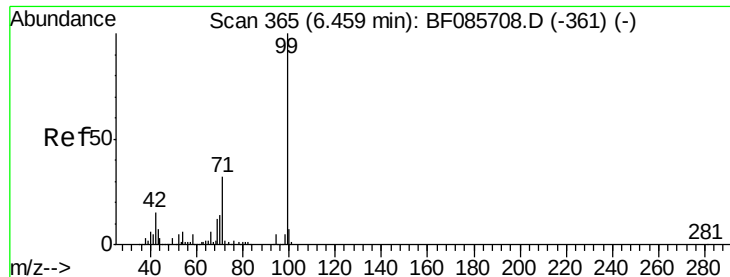
Delta R.T. -0.00 min

Lab File: BF085809.D

Acq: 28 Mar 2016 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	203333		
66	41.9	31.4	47.2	
65	21.9	15.7	23.5	





#7

Phenol-d6

Concen: 116.89 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085809.D

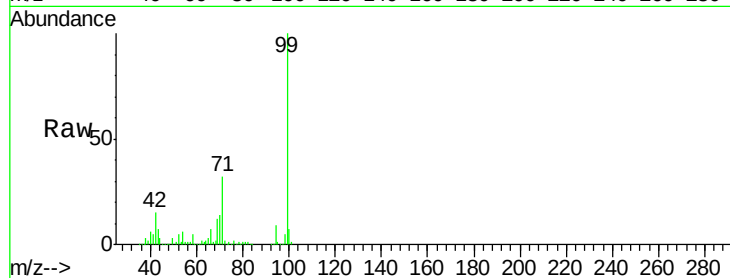
Acq: 28 Mar 2016 18:50

Instrument :

BNA_F

ClientSampleId :

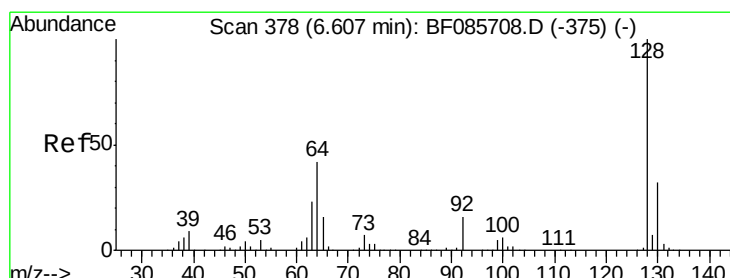
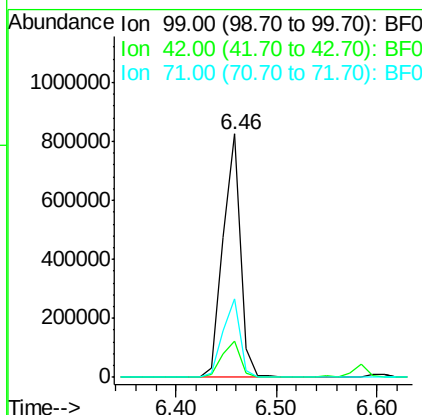
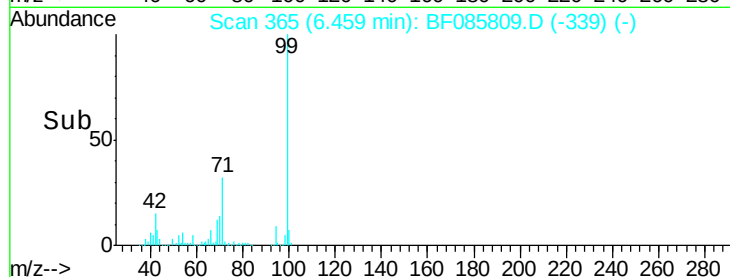
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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
99	100		990891		
42	14.9	11.1	16.7		
71	32.2	24.9	37.3		

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#8

2-Chlorophenol

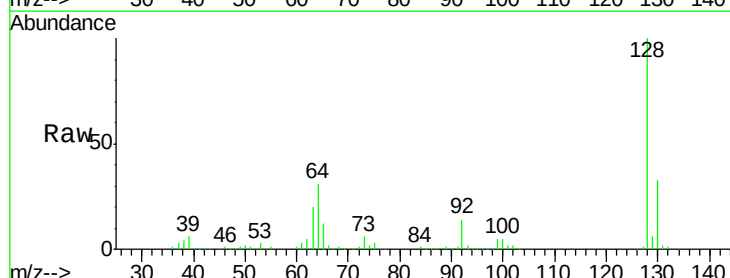
Concen: 39.84 ng

RT: 6.61 min Scan# 378

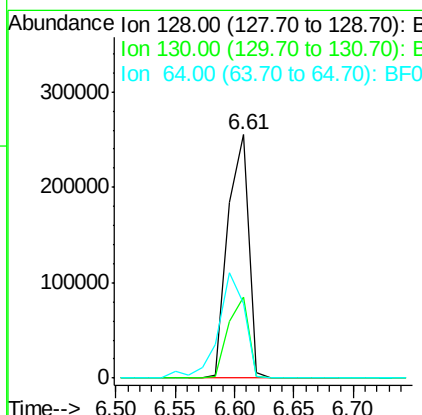
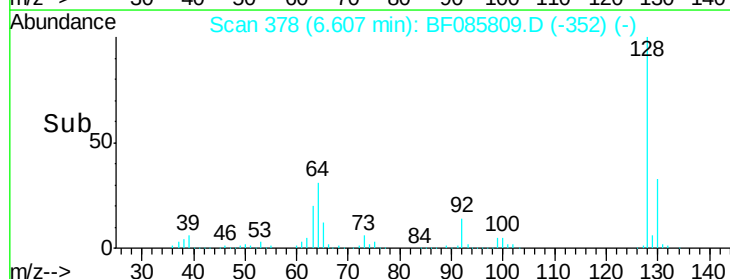
Delta R.T. -0.00 min

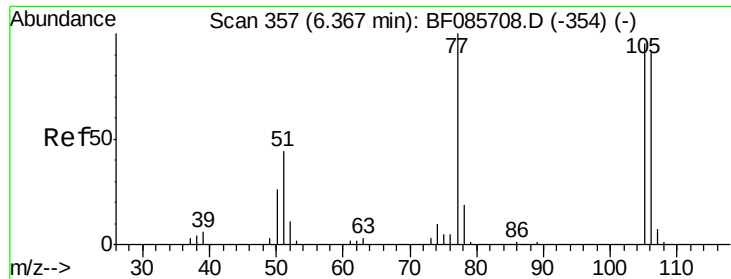
Lab File: BF085809.D

Acq: 28 Mar 2016 18:50



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		308646		
130	33.4	12.9	52.9		
64	30.9	20.2	60.2		





#9

Benzaldehyde

Concen: 4.68 ng

RT: 6.37 min Scan# 357

Delta R.T. -0.00 min

Lab File: BF085809.D

Acq: 28 Mar 2016 18:50

Instrument :

BNA_F

ClientSampled :

PB89183BS

Tgt Ion: 77 Resp: 23903

Ion Ratio Lower Upper

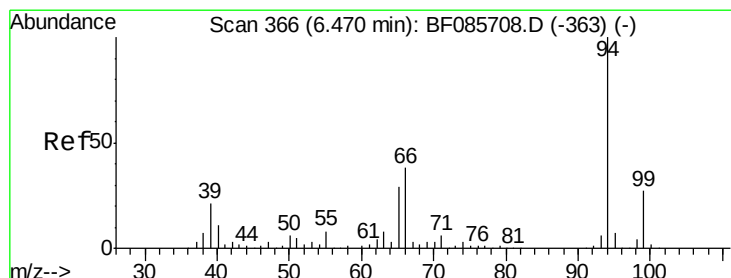
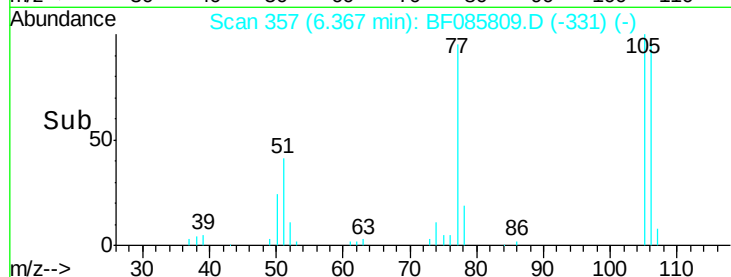
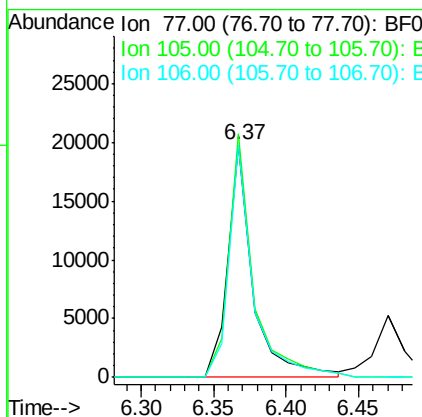
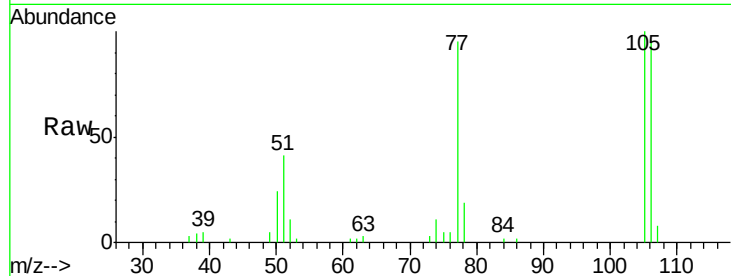
77 100

105 104.7 80.1 120.1

106 100.0 75.0 115.0

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#10

Phenol

Concen: 42.13 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.00 min

Lab File: BF085809.D

Acq: 28 Mar 2016 18:50

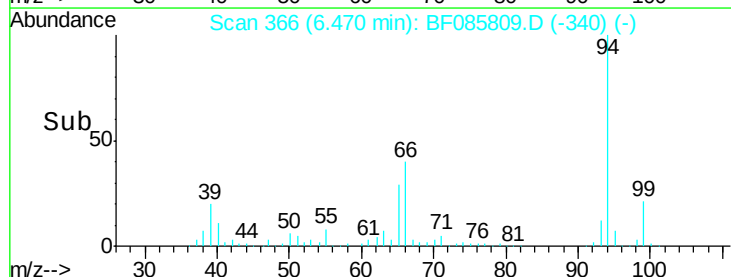
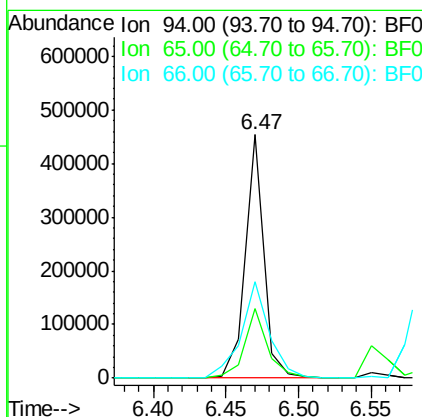
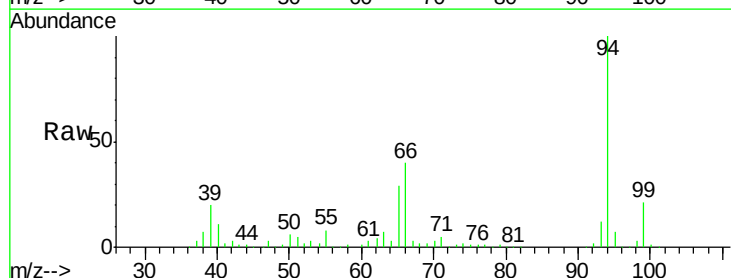
Tgt Ion: 94 Resp: 404638

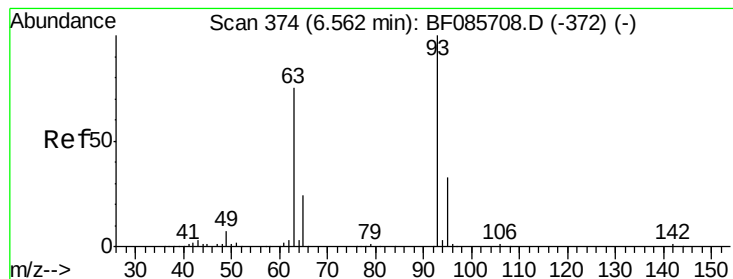
Ion Ratio Lower Upper

94 100

65 28.8 8.6 48.6

66 39.6 20.0 60.0





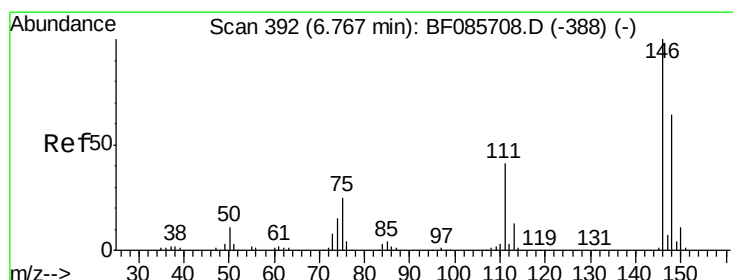
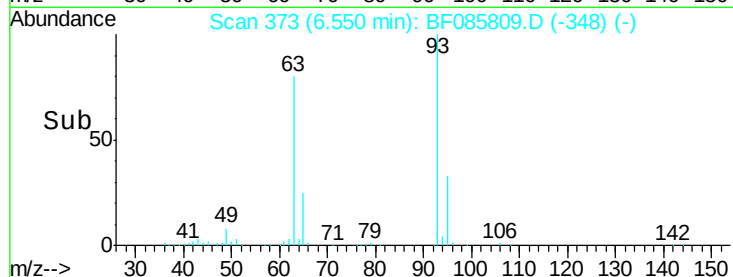
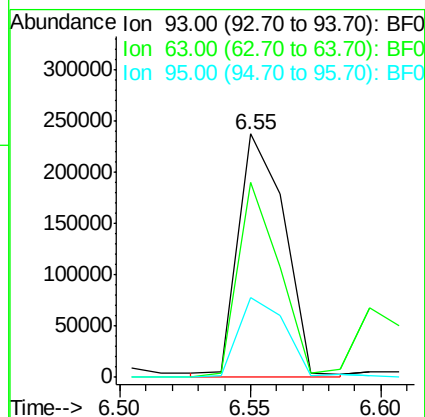
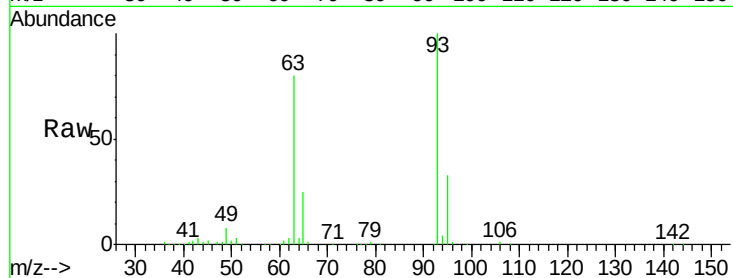
#11
bis(2-Chloroethyl)ether
Concen: 39.75 ng
RT: 6.55 min Scan# 373
Delta R.T. -0.01 min
Lab File: BF085809.D
Acq: 28 Mar 2016 18:50

Instrument :
BNA_F
ClientSampleId :
PB89183BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	293817		
63	80.3	50.9	90.9	
95	32.7	13.3	53.3	

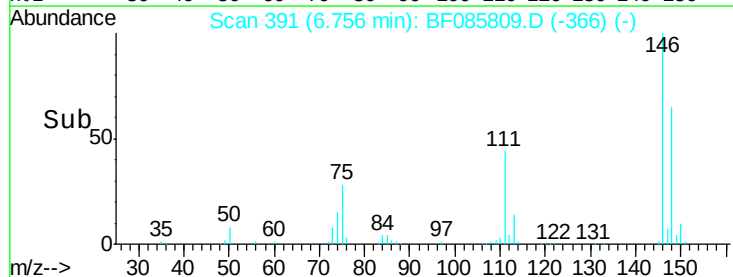
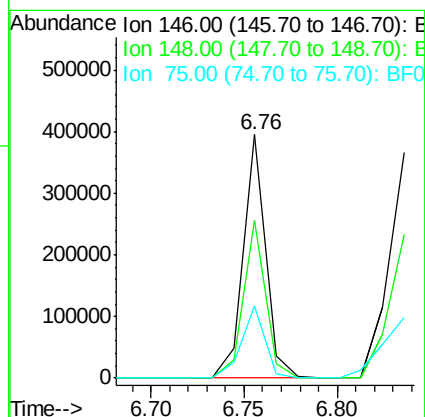
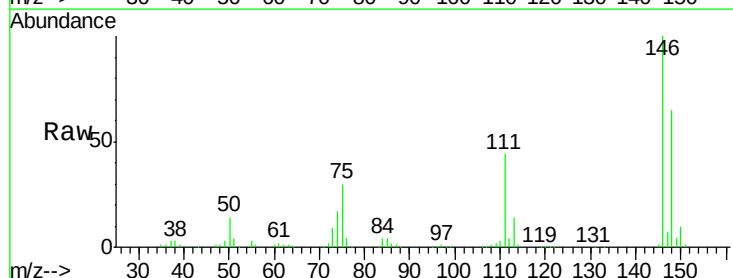
Manual Integrations
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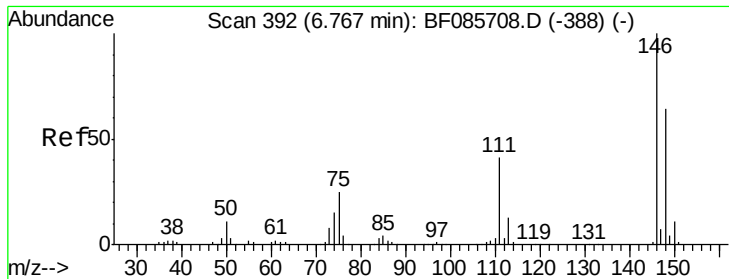
Sohil
3/29/2016 12:03:16 PM



#12
1,3-Dichlorobenzene
Concen: 39.76 ng
RT: 6.76 min Scan# 391
Delta R.T. -0.01 min
Lab File: BF085809.D
Acq: 28 Mar 2016 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	331716		
148	64.8	52.3	78.5	
75	29.8	17.4	26.2	





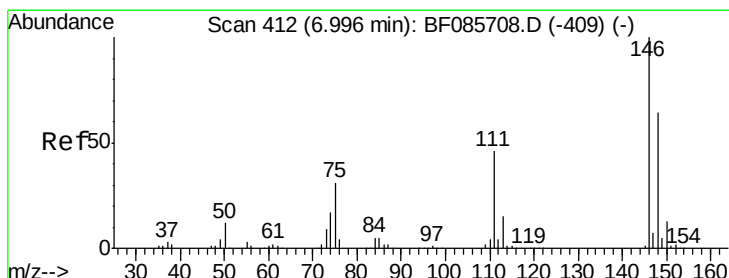
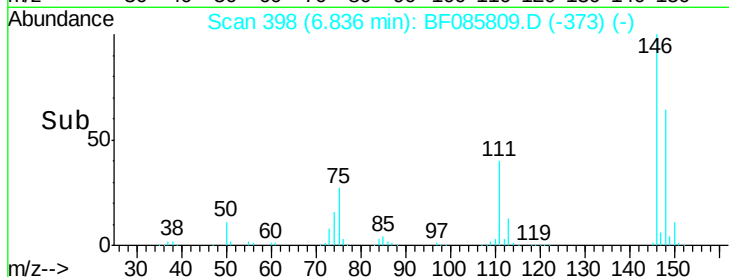
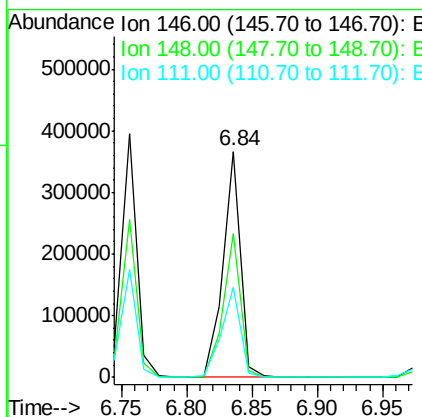
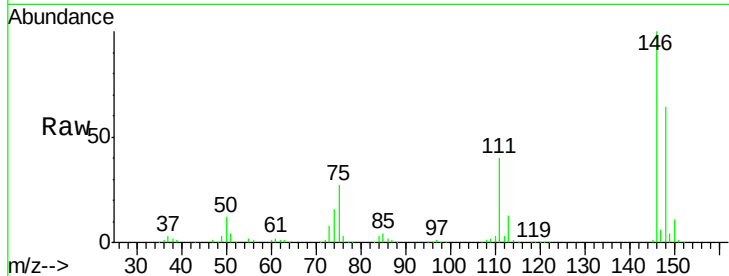
#13
 1,4-Dichlorobenzene
 Concen: 40.95 ng
 RT: 6.84 min Scan# 398
 Delta R.T. -0.01 min
 Lab File: BF085809.D
 Acq: 28 Mar 2016 18:50

Instrument :
 BNA_F
 ClientSampled :
 PB89183BS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	346455		
148	63.5	50.6	76.0	
111	39.7	37.8	56.6	

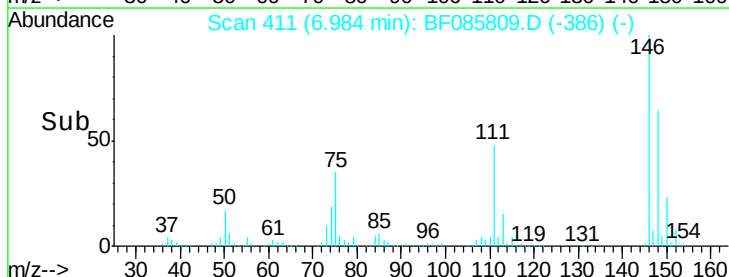
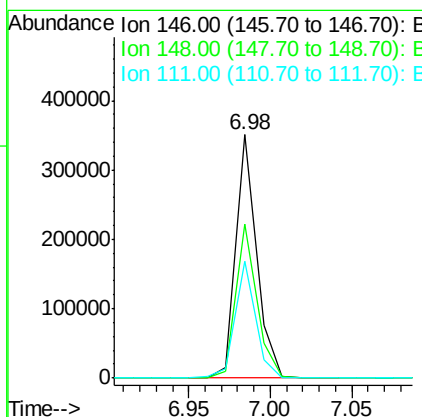
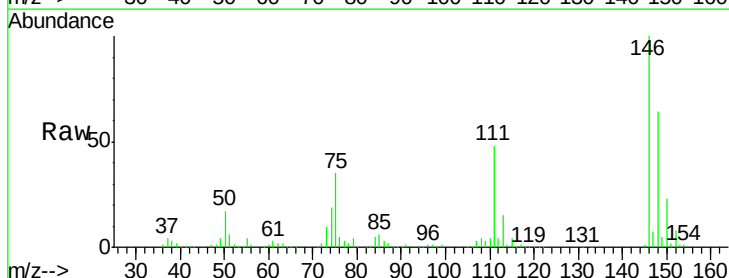
Manual Integrations
 APPROVED

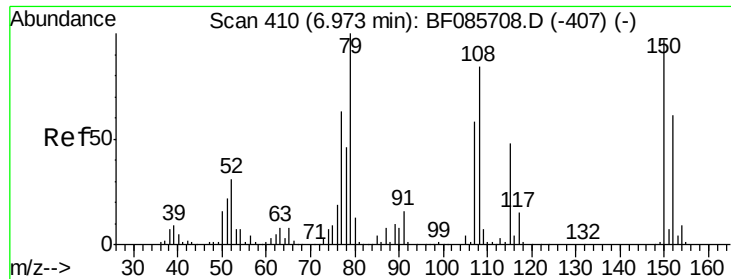
Sohil
 3/29/2016 12:03:16 PM



#14
 1,2-Dichlorobenzene
 Concen: 38.71 ng
 RT: 6.98 min Scan# 411
 Delta R.T. -0.01 min
 Lab File: BF085809.D
 Acq: 28 Mar 2016 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	305218		
148	63.5	51.4	77.2	
111	48.1	34.6	52.0	





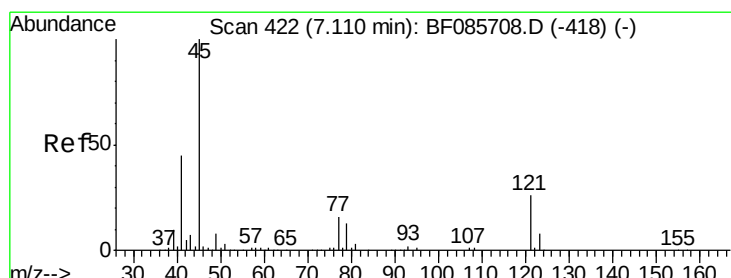
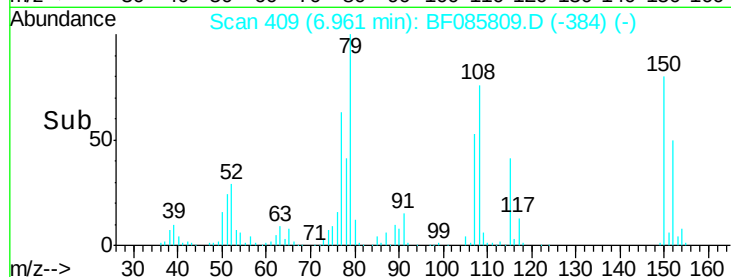
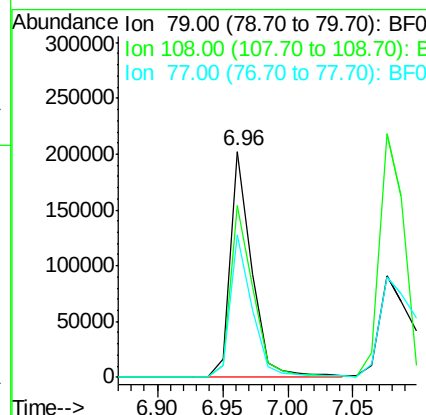
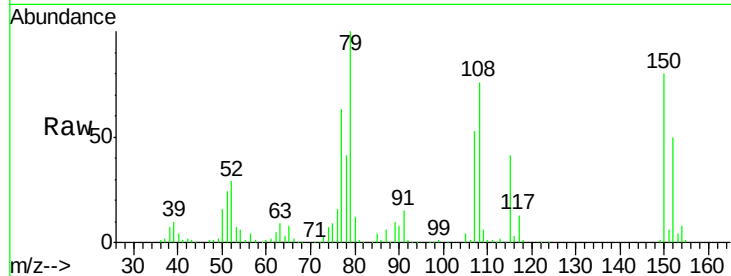
#15
Benzyl Alcohol
Concen: 41.34 ng
RT: 6.96 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF085809.D
Acq: 28 Mar 2016 18:50

Instrument :
BNA_F
ClientSampleId :
PB89183BS

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	233823		
108	76.1	61.8	92.6	
77	63.1	49.6	74.4	

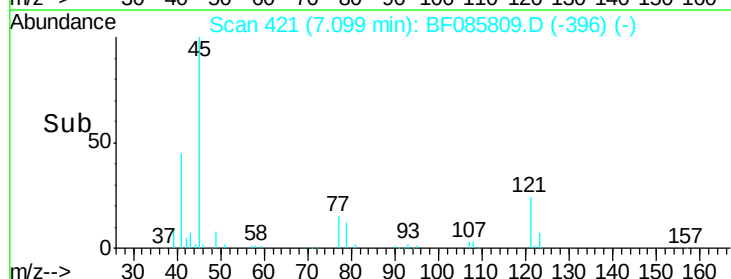
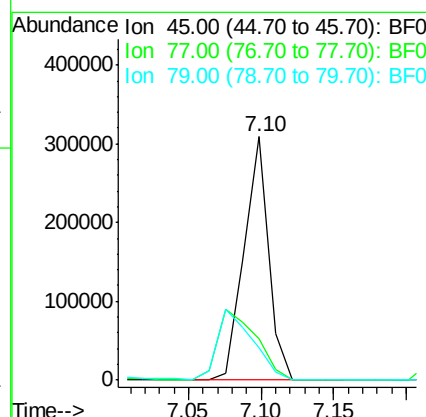
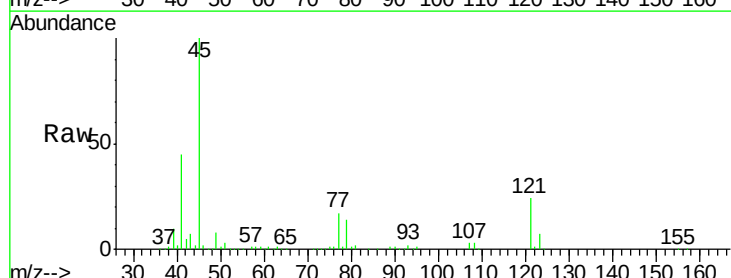
Manual Integrations
APPROVED

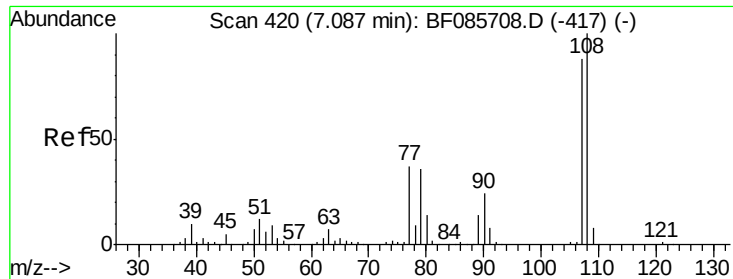
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#16
2,2'-oxybis(1-chloropropane)
Concen: 36.93 ng
RT: 7.10 min Scan# 421
Delta R.T. -0.01 min
Lab File: BF085809.D
Acq: 28 Mar 2016 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	362137		
77	17.0	0.0	35.7	
79	13.5	0.0	32.2	





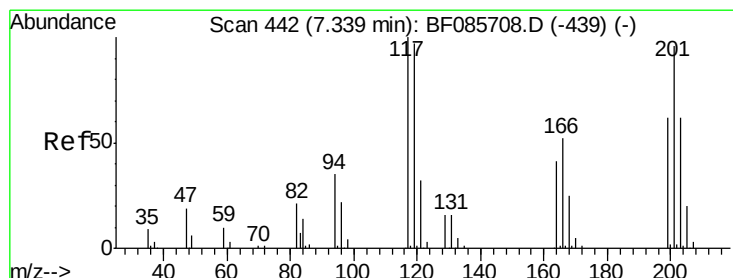
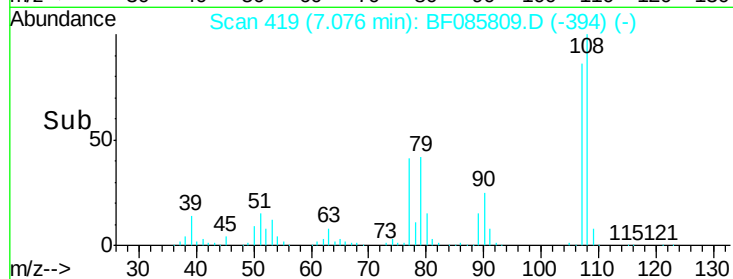
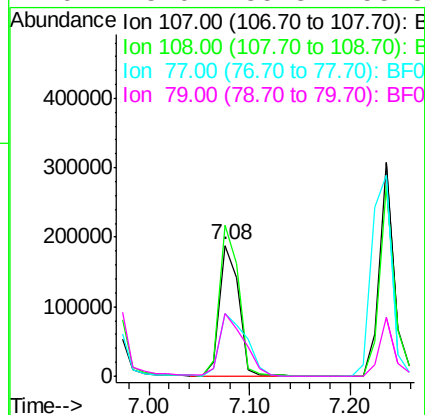
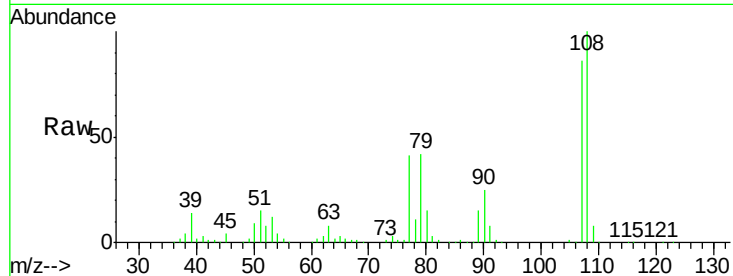
#17
2-Methylphenol
Concen: 40.64 ng
RT: 7.08 min Scan# 419
Delta R.T. -0.01 min
Lab File: BF085809.D
Acq: 28 Mar 2016 18:50

Instrument :
BNA_F
ClientSampleId :
PB89183BS

Tgt Ion:	107	Resp:	252028
Ion Ratio	Lower	Upper	
107	100		
108	115.7	91.4	137.0
77	47.6	36.2	54.2
79	48.0	35.8	53.8

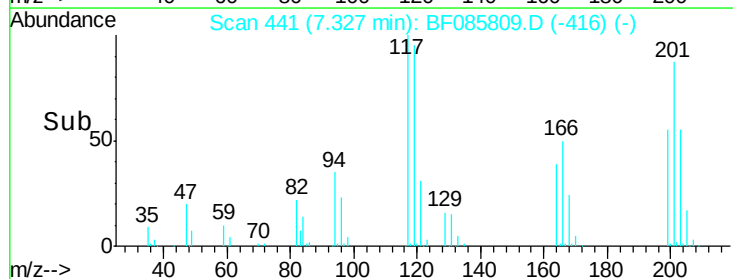
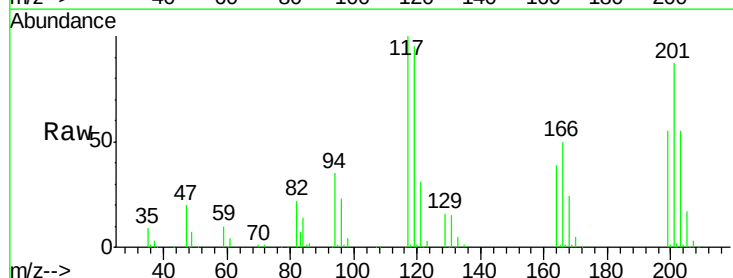
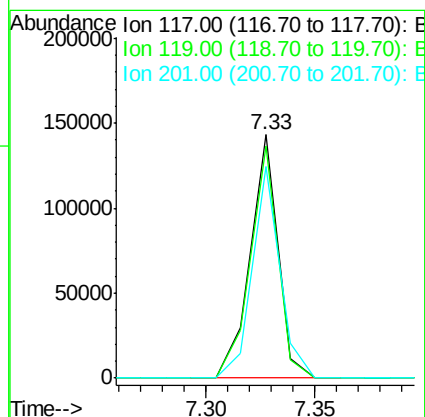
Manual Integrations
APPROVED

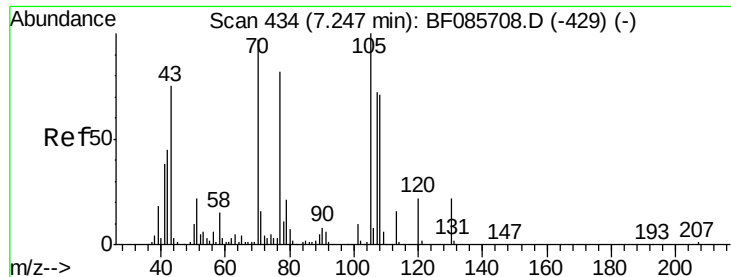
Sohil
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#18
Hexachloroethane
Concen: 40.84 ng
RT: 7.33 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF085809.D
Acq: 28 Mar 2016 18:50

Tgt Ion:	117	Resp:	126509
Ion Ratio	Lower	Upper	
117	100		
119	95.4	76.7	115.1
201	86.8	83.3	124.9





#19

n-Nitroso-di-n-propylamine

Concen: 40.39 ng

RT: 7.24 min Scan# 433

Delta R.T. -0.01 min

Lab File: BF085809.D

Acq: 28 Mar 2016 18:50

Instrument :

BNA_F

ClientSampleId :

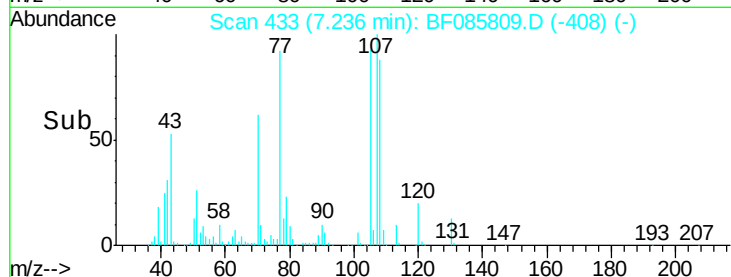
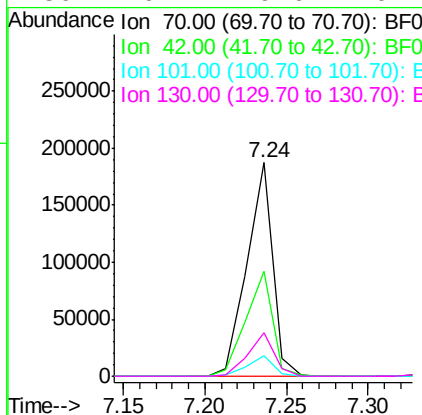
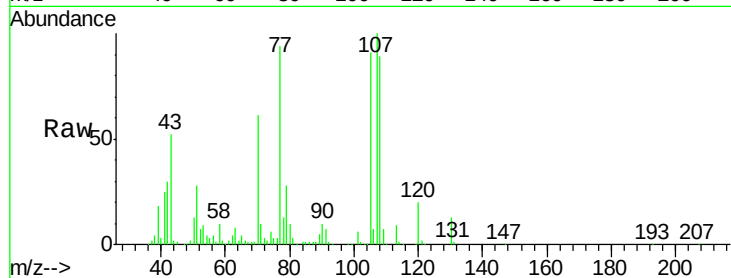
PB89183BS

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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
70	100		205019		
42	49.4	37.1	55.7		
101	9.9	8.6	12.8		
130	20.7	19.6	29.4		



#20

3+4-Methylphenols

Concen: 42.85 ng

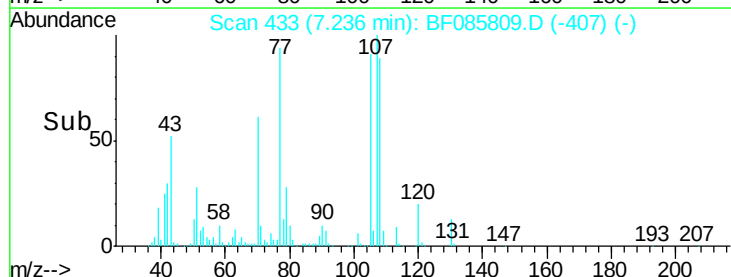
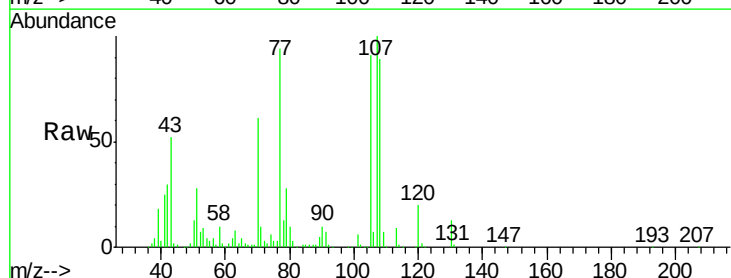
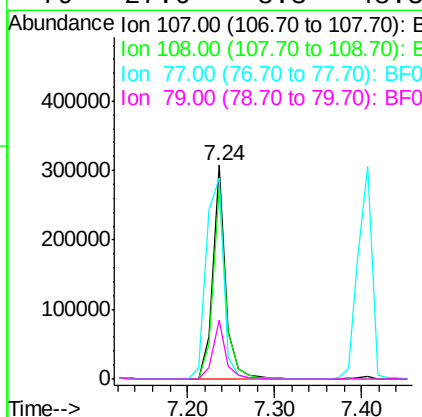
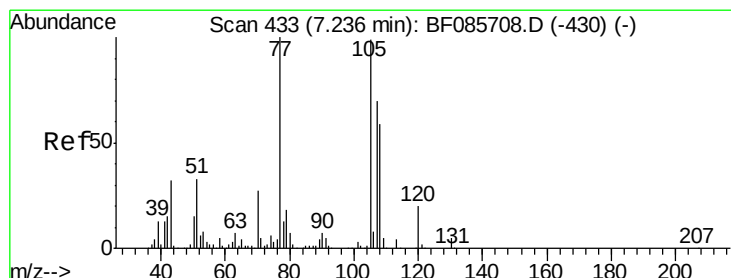
RT: 7.24 min Scan# 433

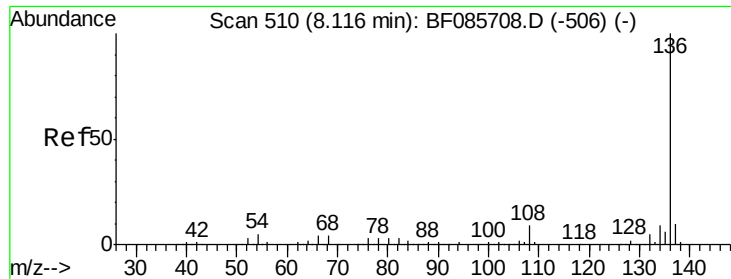
Delta R.T. -0.00 min

Lab File: BF085809.D

Acq: 28 Mar 2016 18:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		319532		
108	89.0	69.3	109.3		
77	93.9	101.7	141.7#		
79	27.6	8.3	48.3		





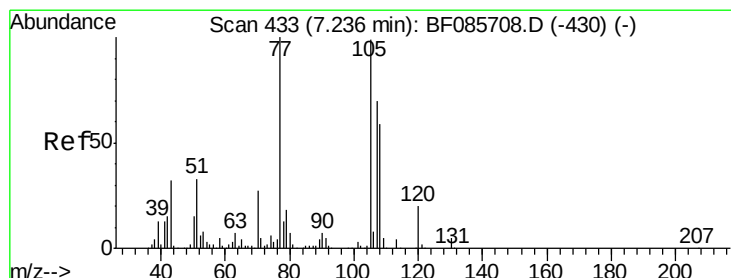
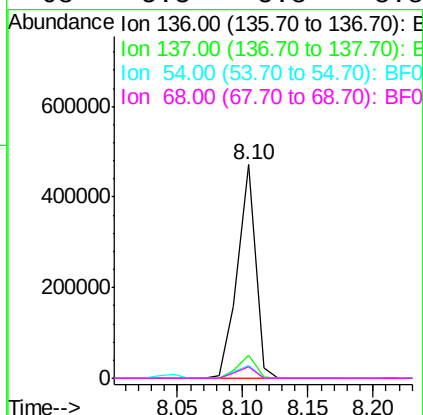
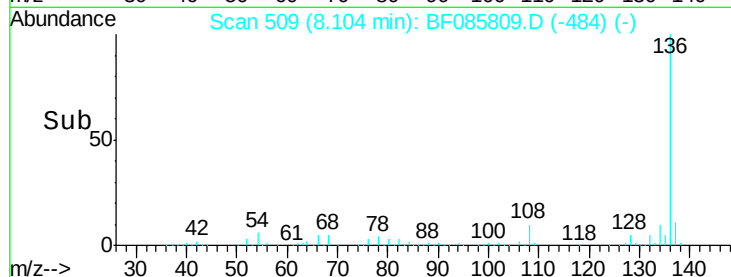
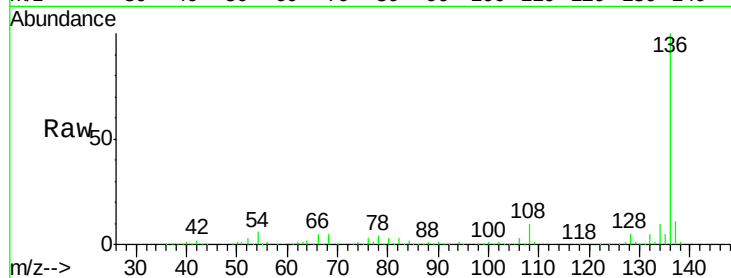
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF085809.D
Acq: 28 Mar 2016 18:50

Instrument :
BNA_F
ClientSampleId :
PB89183BS

Tgt	Ion	Ratio	Resp	Lower	Upper
136	100		453024		
137	11.0	9.1	13.7		
54	6.3	7.4	11.0#		
68	5.3	5.8	8.8#		

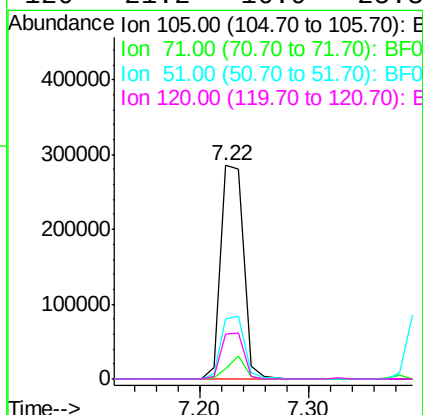
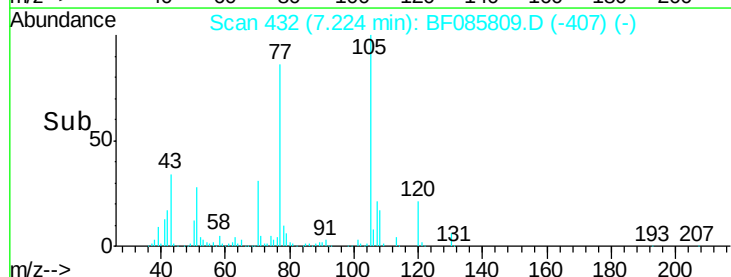
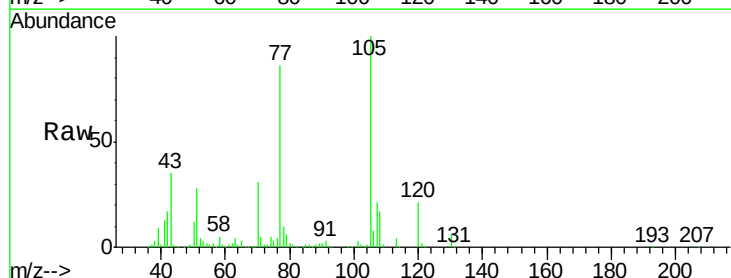
Manual Integrations
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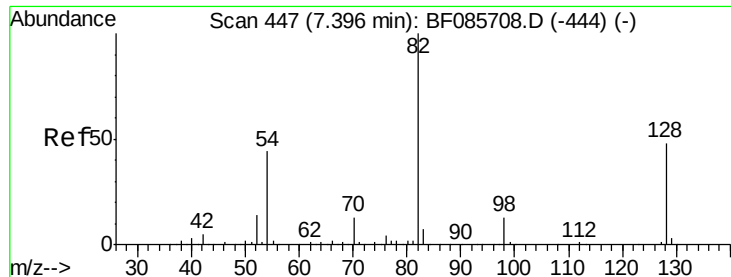
Sohil
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#22
Acetophenone
Concen: 39.21 ng
RT: 7.22 min Scan# 432
Delta R.T. -0.01 min
Lab File: BF085809.D
Acq: 28 Mar 2016 18:50

Tgt	Ion	Ratio	Resp	Lower	Upper
105	100		413818		
71	5.1	3.6	5.4		
51	28.3	25.4	38.0		
120	21.2	16.9	25.3		





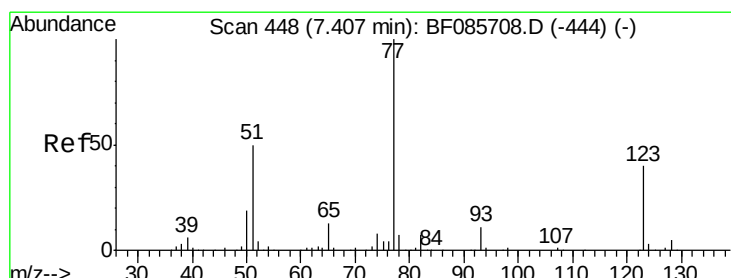
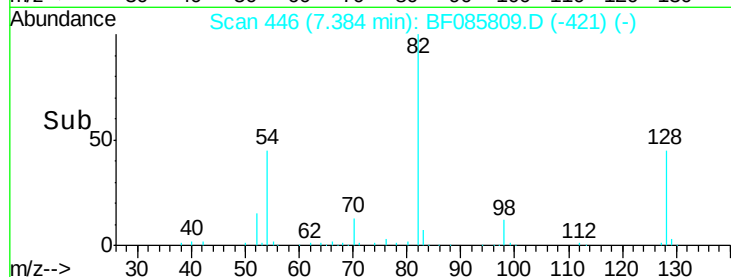
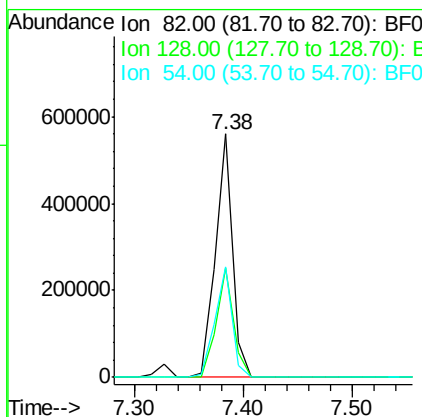
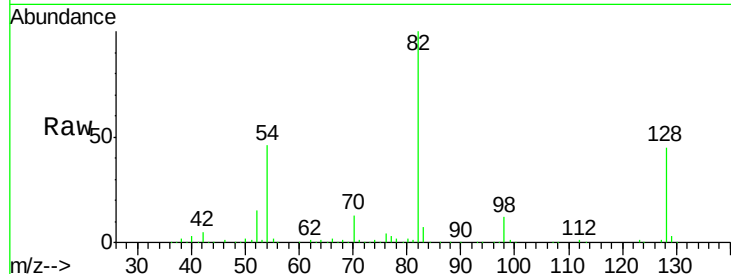
#23
 Nitrobenzene-d5
 Concen: 76.92 ng
 RT: 7.38 min Scan# 446
 Delta R.T. -0.01 min
 Lab File: BF085809.D
 Acq: 28 Mar 2016 18:50

Instrument :
 BNA_F
 ClientSampleId :
 PB89183BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	618810		
128	45.0	41.8	62.8	
54	45.6	33.4	50.0	

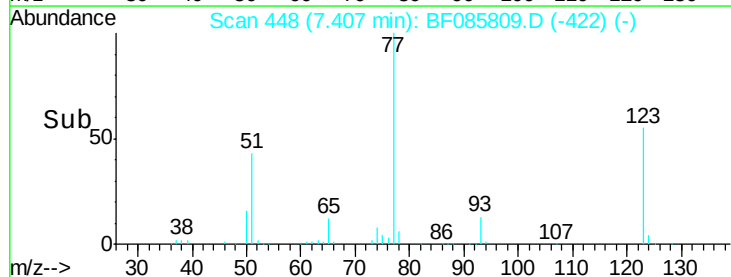
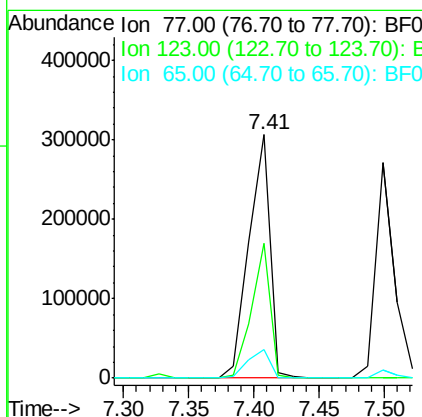
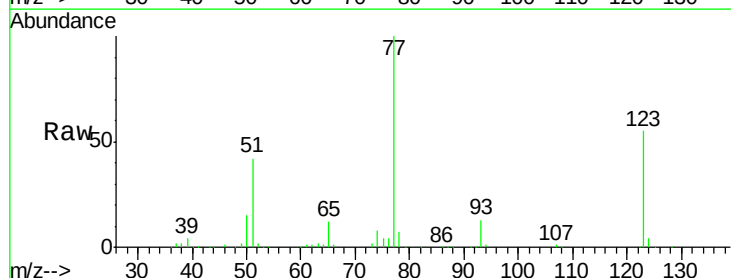
Manual Integrations
 APPROVED

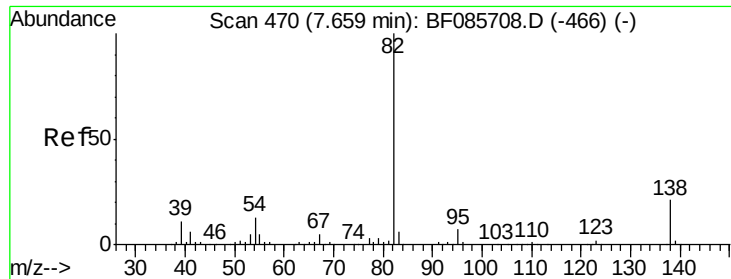
Sohil
 3/29/2016 12:03:16 PM



#24
 Nitrobenzene
 Concen: 41.27 ng
 RT: 7.41 min Scan# 448
 Delta R.T. -0.00 min
 Lab File: BF085809.D
 Acq: 28 Mar 2016 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	342231		
123	55.1	35.0	52.4#	
65	11.9	10.6	16.0	





#25

Isophorone

Concen: 39.93 ng

RT: 7.65 min Scan# 469

Delta R.T. -0.01 min

Lab File: BF085809.D

Acq: 28 Mar 2016 18:50

Instrument :

BNA_F

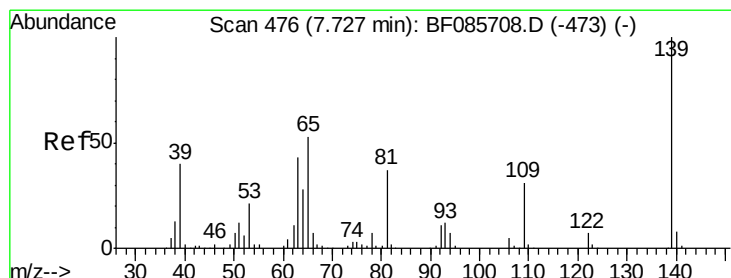
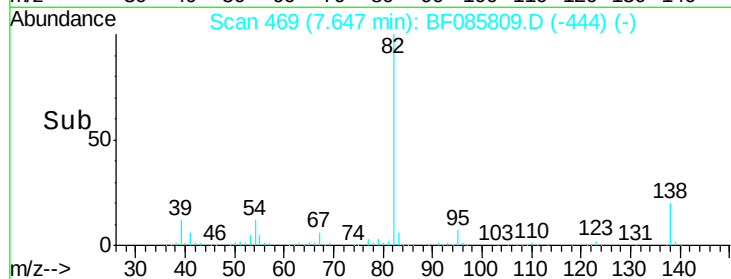
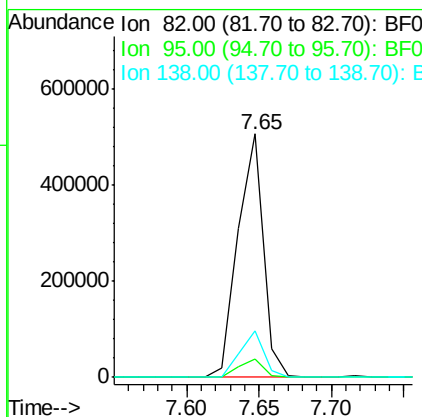
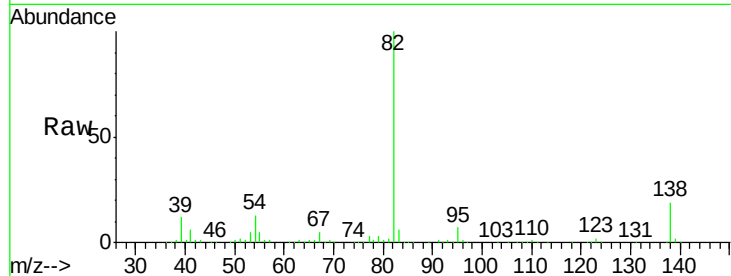
ClientSampleId :

PB89183BS

Tgt Ion:	82	Resp:	618831
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.4	8.2
138	19.3	12.9	19.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 39.90 ng

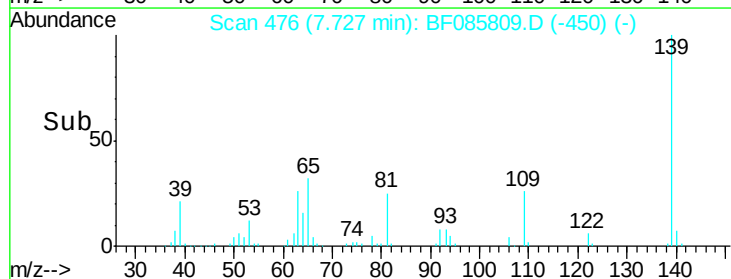
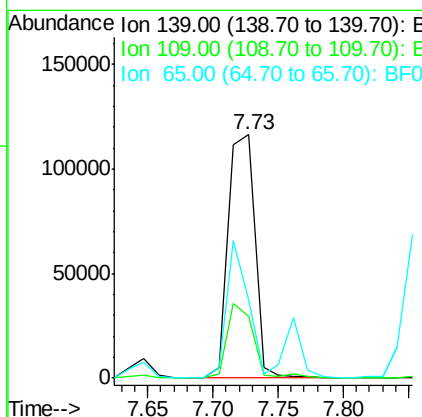
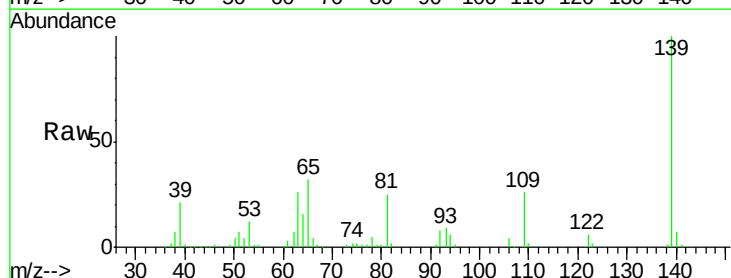
RT: 7.73 min Scan# 476

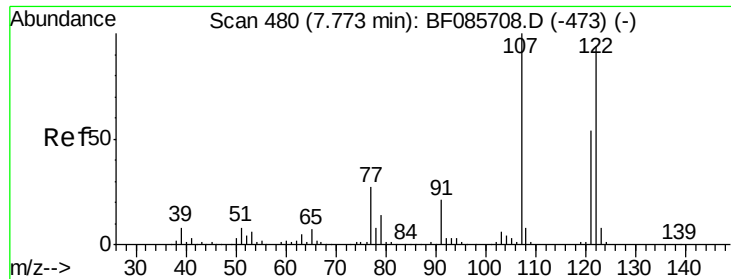
Delta R.T. -0.00 min

Lab File: BF085809.D

Acq: 28 Mar 2016 18:50

Tgt Ion:	139	Resp:	165510
Ion Ratio	Lower	Upper	
139	100		
109	25.6	22.1	33.1
65	32.2	33.9	50.9#





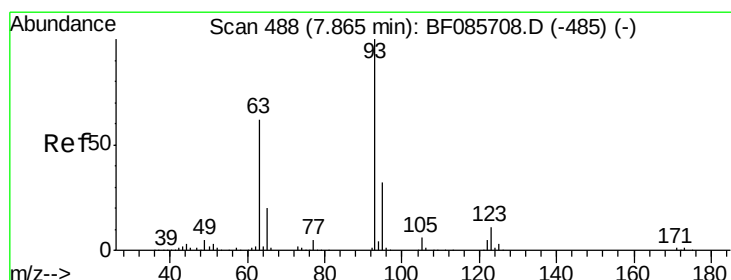
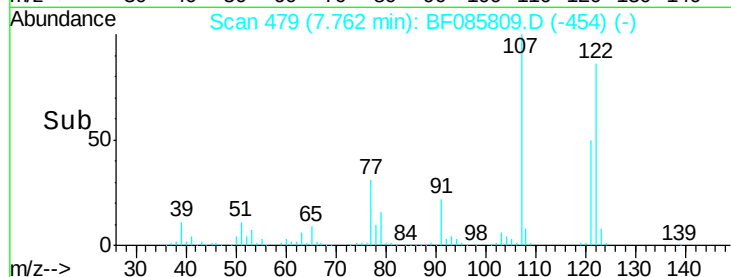
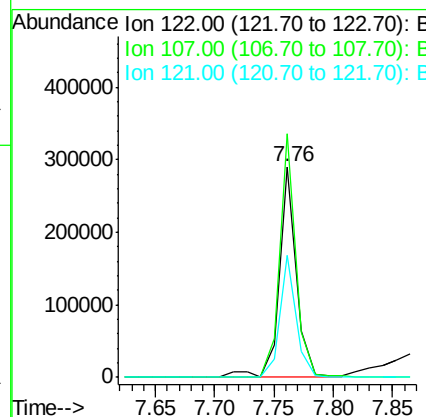
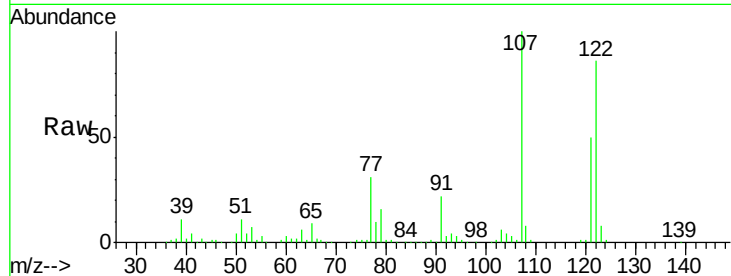
#27
 2,4-Dimethylphenol
 Concen: 40.04 ng
 RT: 7.76 min Scan# 479
 Delta R.T. -0.01 min
 Lab File: BF085809.D
 Acq: 28 Mar 2016 18:50

Instrument :
 BNA_F
 ClientSampleId :
 PB89183BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	290366		
107	115.7	93.0	139.6	
121	58.1	45.9	68.9	

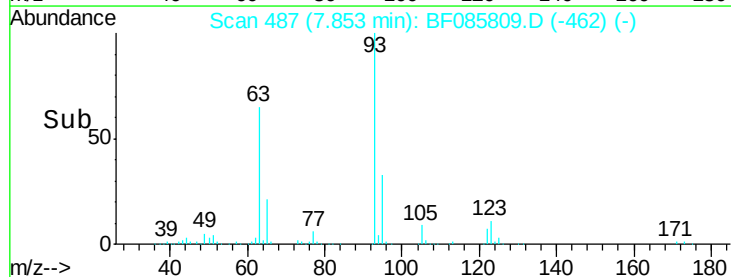
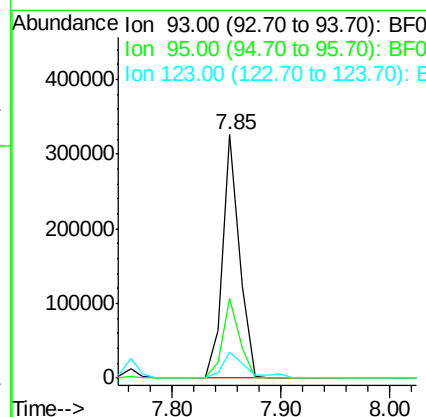
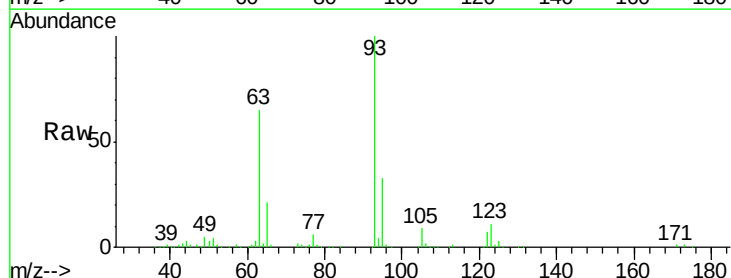
Manual Integrations
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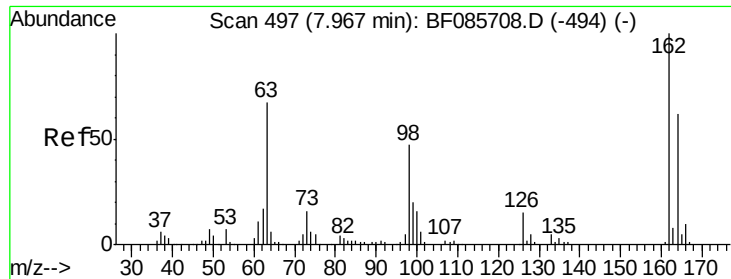
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 40.15 ng
 RT: 7.85 min Scan# 487
 Delta R.T. -0.01 min
 Lab File: BF085809.D
 Acq: 28 Mar 2016 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	354553		
95	32.5	26.4	39.6	
123	10.7	9.8	14.6	





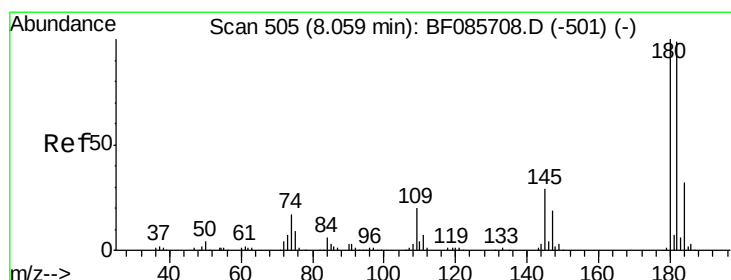
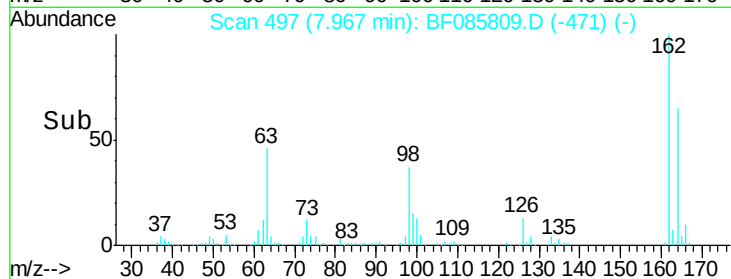
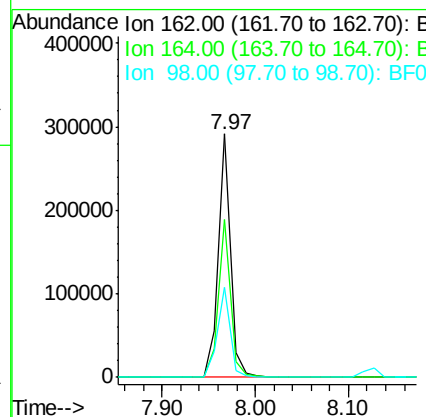
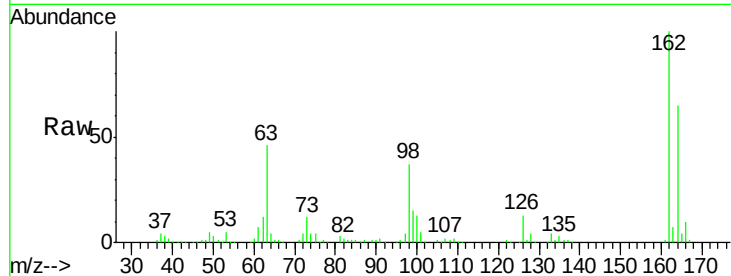
#29
 2,4-Dichlorophenol
 Concen: 43.59 ng
 RT: 7.97 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: BF085809.D
 Acq: 28 Mar 2016 18:50

Instrument :
 BNA_F
 ClientSampleId :
 PB89183BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	265697		
164	65.1	43.7	83.7	
98	37.0	20.4	60.4	

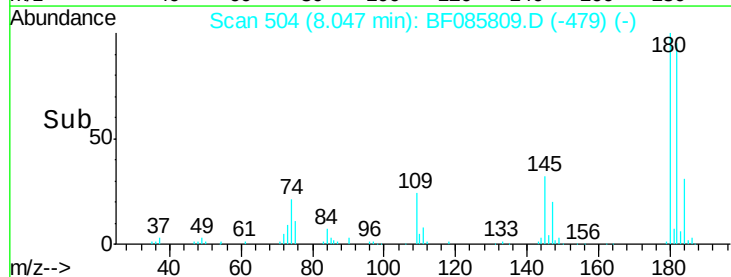
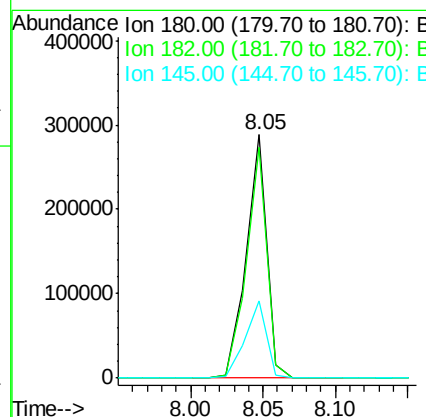
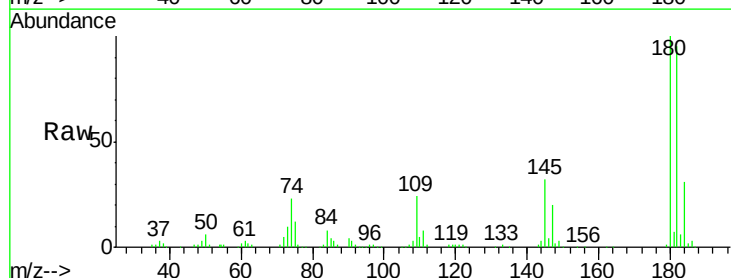
Manual Integrations
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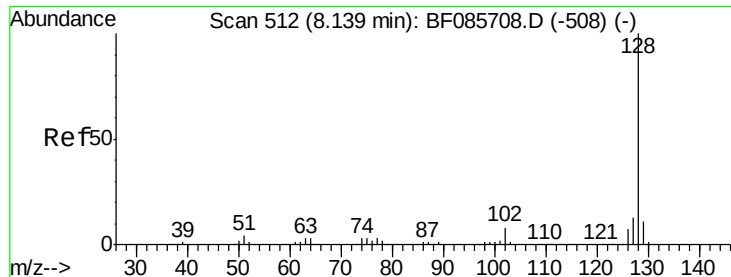
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.64 ng
 RT: 8.05 min Scan# 504
 Delta R.T. -0.01 min
 Lab File: BF085809.D
 Acq: 28 Mar 2016 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	281837		
182	94.6	73.8	110.8	
145	31.7	28.4	42.6	





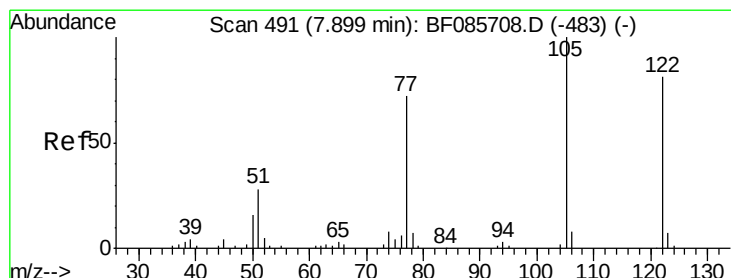
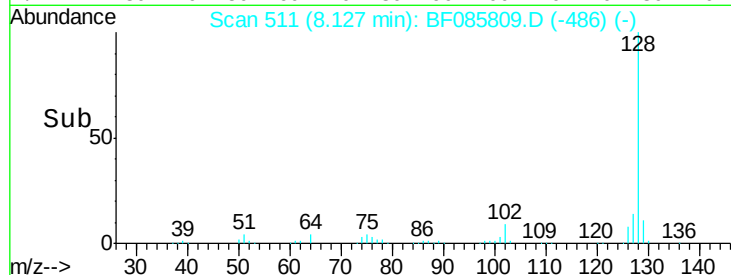
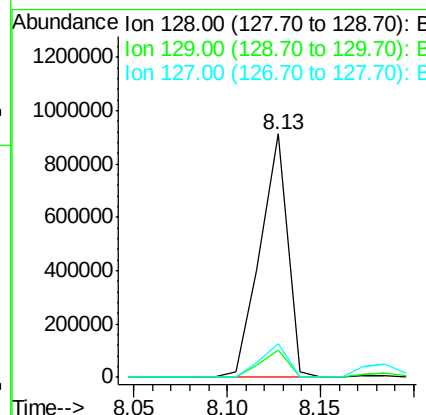
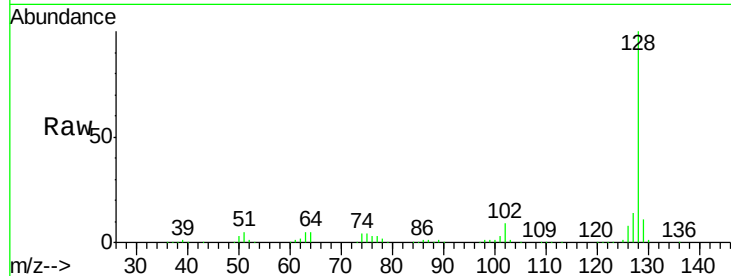
#31
Naphthalene
Concen: 40.83 ng
RT: 8.13 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF085809.D
Acq: 28 Mar 2016 18:50

Instrument :
BNA_F
ClientSampleId :
PB89183BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	932081		
129	11.0		9.4	14.0
127	13.6		11.0	16.6

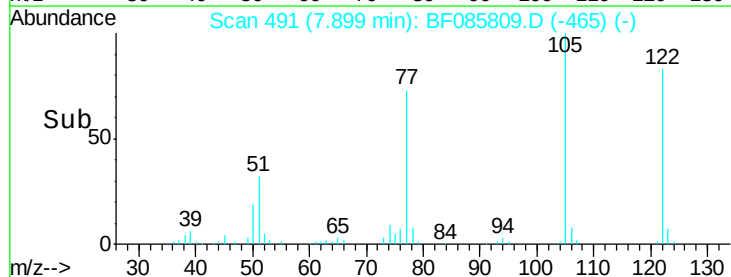
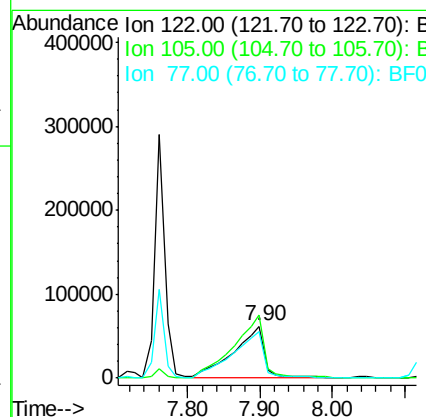
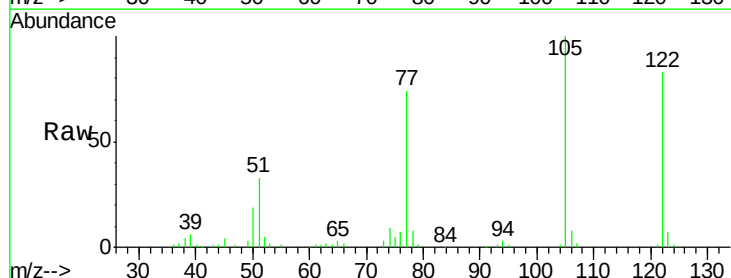
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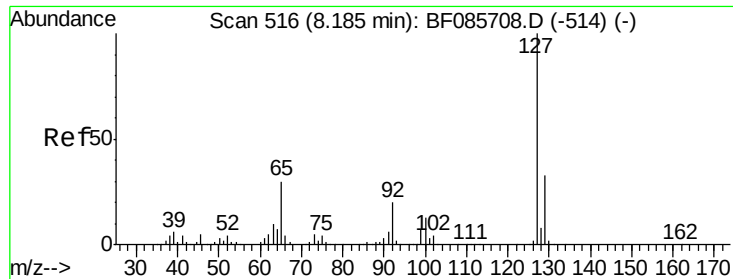
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#32
Benzoic acid
Concen: 37.44 ng
RT: 7.90 min Scan# 491
Delta R.T. -0.00 min
Lab File: BF085809.D
Acq: 28 Mar 2016 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	180288		
105	120.5		102.9	142.9
77	89.7		71.8	111.8





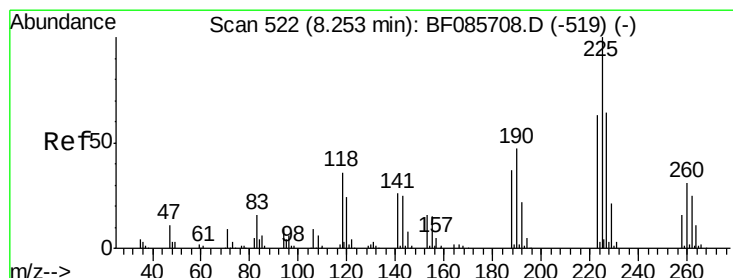
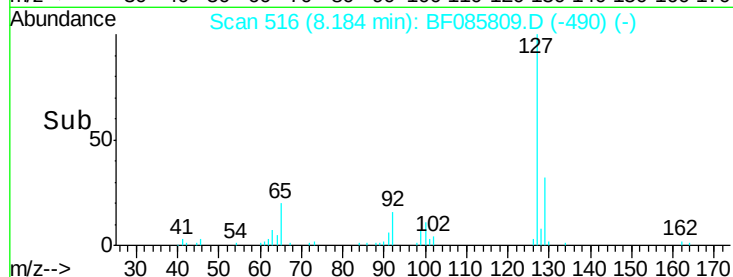
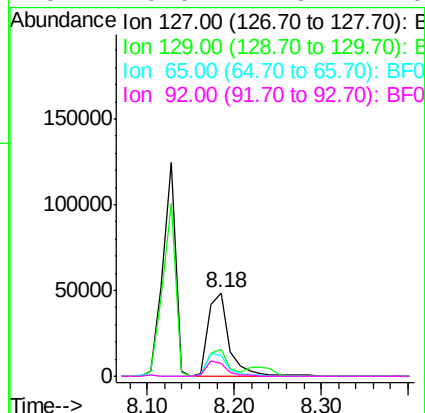
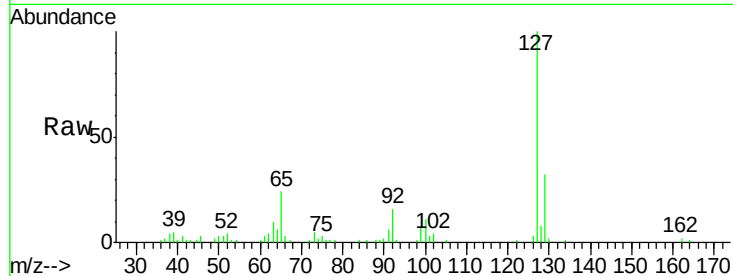
#33
4-Chloroaniline
Concen: 8.90 ng
RT: 8.18 min Scan# 516
Delta R.T. -0.00 min
Lab File: BF085809.D
Acq: 28 Mar 2016 18:50

Instrument :
BNA_F
ClientSampleId :
PB89183BS

Tgt Ion:	127	Resp:	82904
Ion Ratio	Lower	Upper	
127	100		
129	32.1	26.1	39.1
65	24.1	19.5	29.3
92	16.0	14.6	22.0

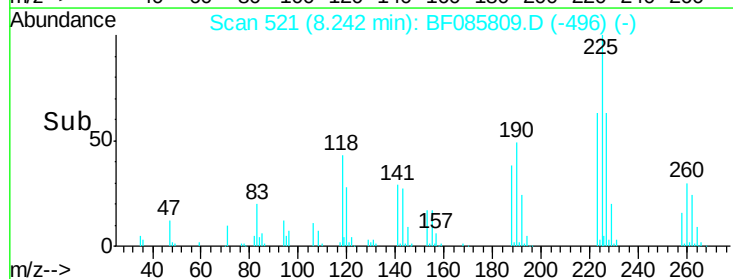
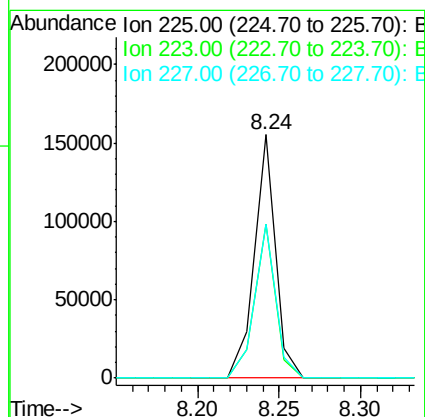
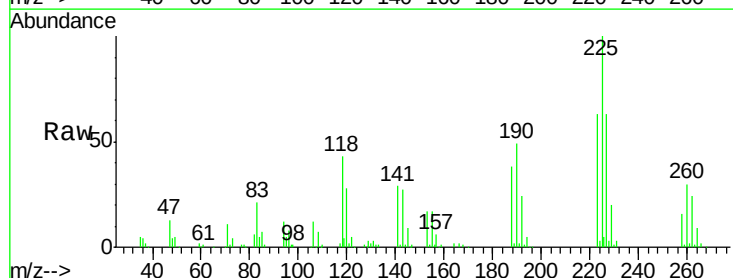
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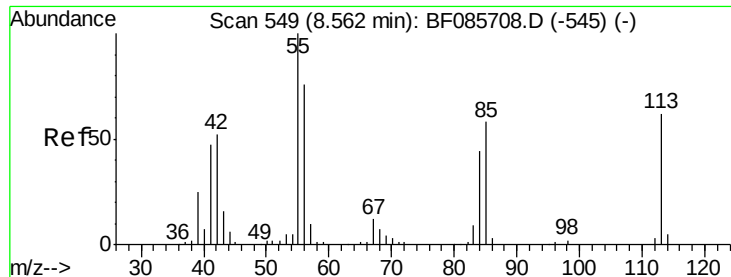
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#34
Hexachlorobutadiene
Concen: 38.17 ng
RT: 8.24 min Scan# 521
Delta R.T. -0.01 min
Lab File: BF085809.D
Acq: 28 Mar 2016 18:50

Tgt Ion:	225	Resp:	140407
Ion Ratio	Lower	Upper	
225	100		
223	63.3	50.4	75.6
227	63.4	51.4	77.2





#35

Caprolactam

Concen: 39.85 ng m

RT: 8.55 min Scan# 548

Delta R.T. -0.01 min

Lab File: BF085809.D

Acq: 28 Mar 2016 18:50

Instrument :

BNA_F

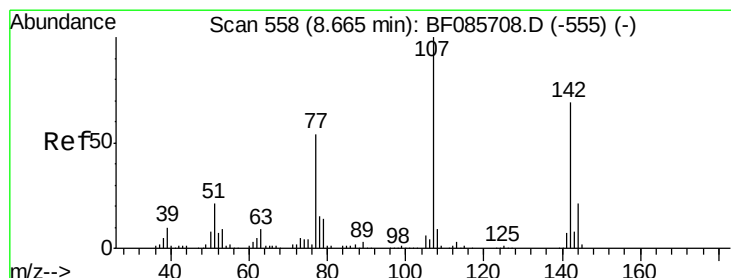
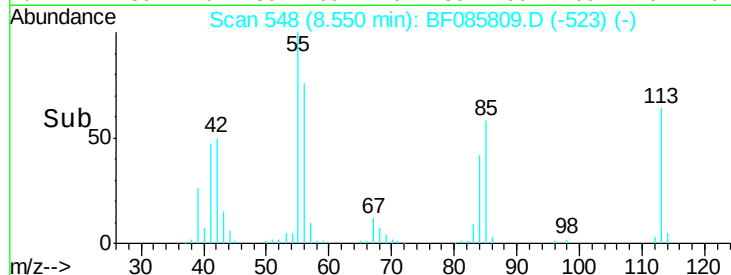
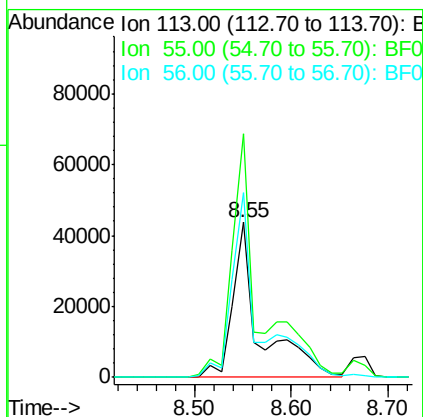
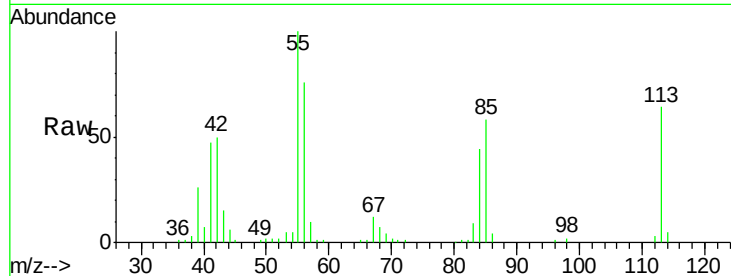
ClientSampleId :

PB89183BS

Tgt Ion:113 Resp: 86056
 Ion Ratio Lower Upper
 113 100
 55 157.0 139.4 179.4
 56 118.8 100.4 140.4

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 40.65 ng

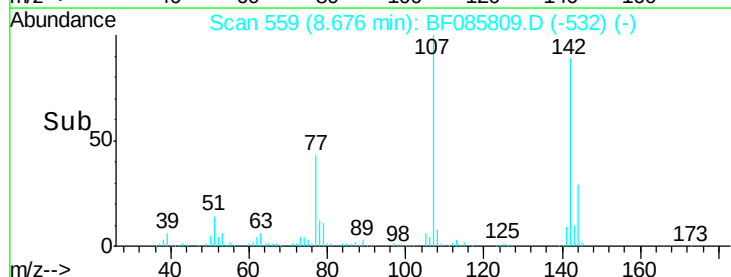
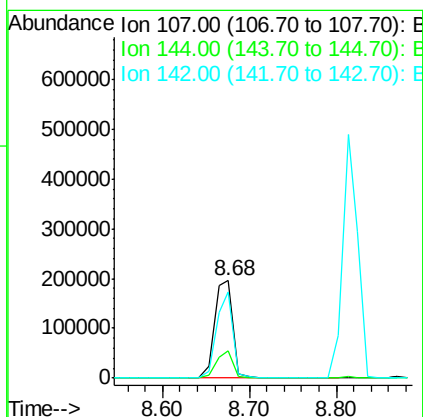
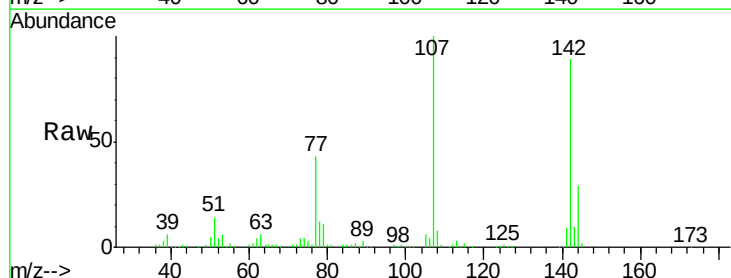
RT: 8.68 min Scan# 559

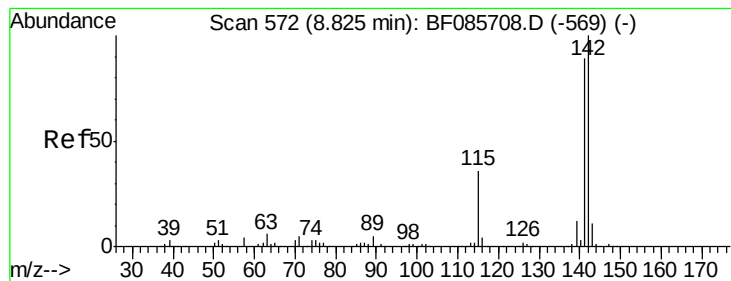
Delta R.T. 0.01 min

Lab File: BF085809.D

Acq: 28 Mar 2016 18:50

Tgt Ion:107 Resp: 289454
 Ion Ratio Lower Upper
 107 100
 144 28.7 19.3 28.9
 142 89.0 61.4 92.0





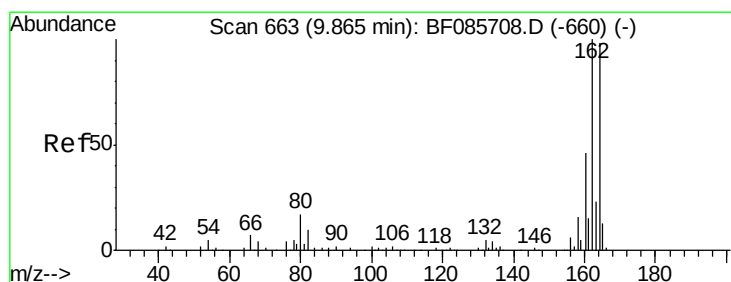
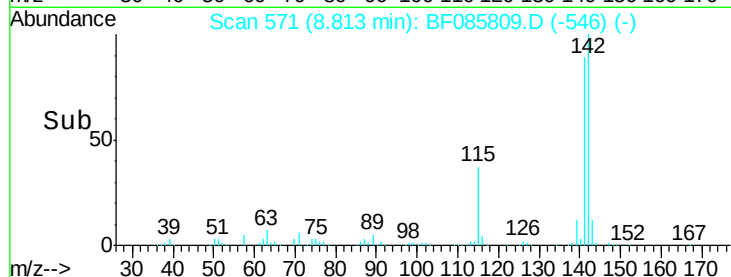
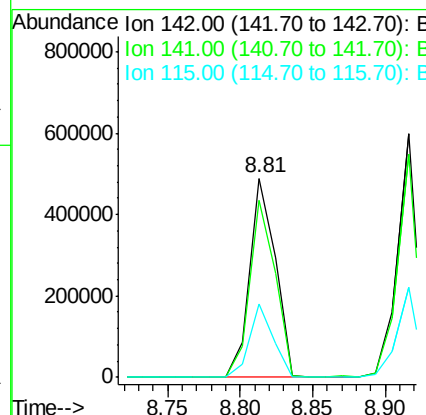
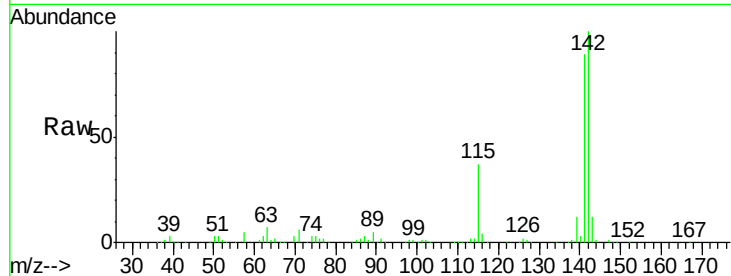
#37
2-Methylnaphthalene
Concen: 45.23 ng
RT: 8.81 min Scan# 571
Delta R.T. -0.01 min
Lab File: BF085809.D
Acq: 28 Mar 2016 18:50

Instrument :
BNA_F
ClientSampleId :
PB89183BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.6	107.4
115	37.1	26.8	40.2

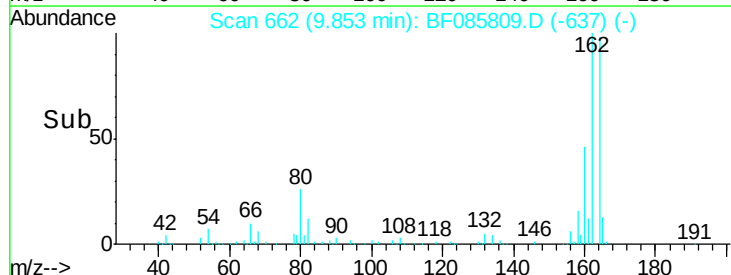
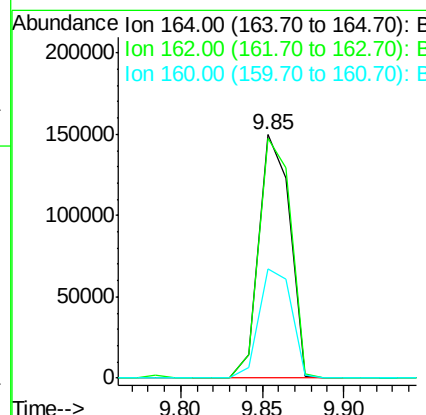
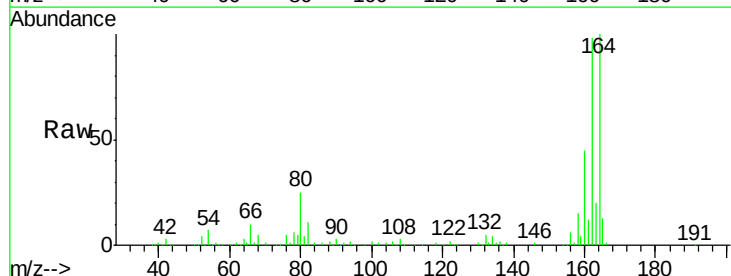
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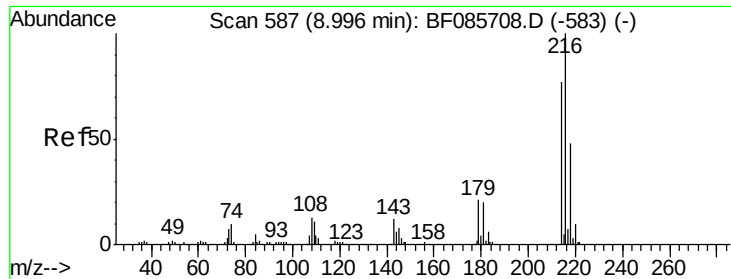
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF085809.D
Acq: 28 Mar 2016 18:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.5	82.1	123.1
160	44.9	37.4	56.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.30 ng

RT: 8.98 min Scan# 586

Delta R.T. -0.01 min

Lab File: BF085809.D

Acq: 28 Mar 2016 18:50

Instrument :

BNA_F

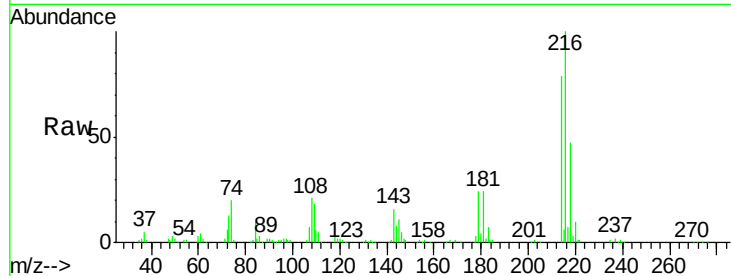
ClientSampleId :

PB89183BS

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	243051		
214	78.5	63.1	94.7	
179	23.7	18.2	27.2	
108	24.7	17.3	25.9	

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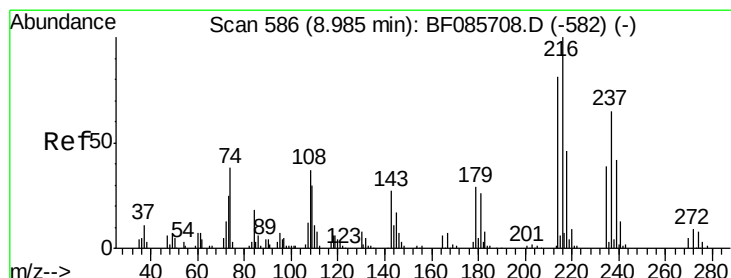
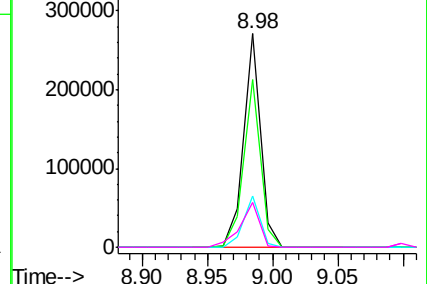
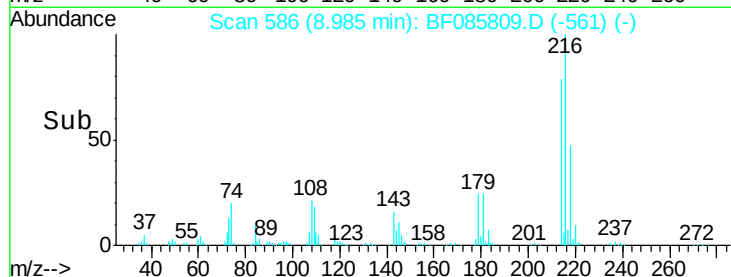


Abundance Ion 216.00 (215.70 to 216.70): E

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: 78.26 ng

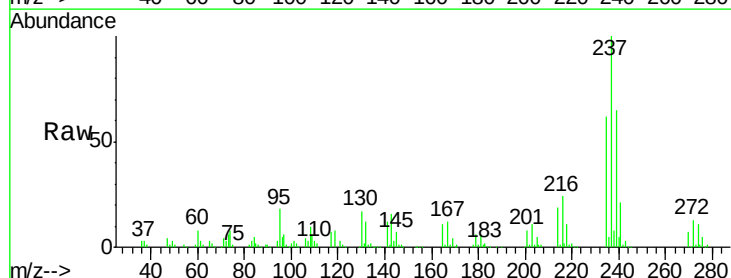
RT: 8.97 min Scan# 585

Delta R.T. -0.01 min

Lab File: BF085809.D

Acq: 28 Mar 2016 18:50

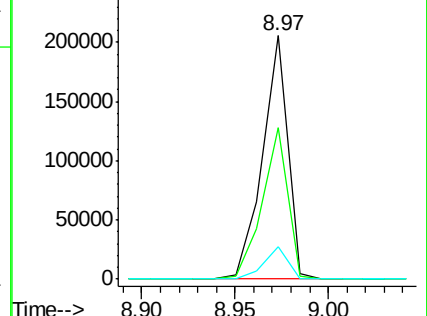
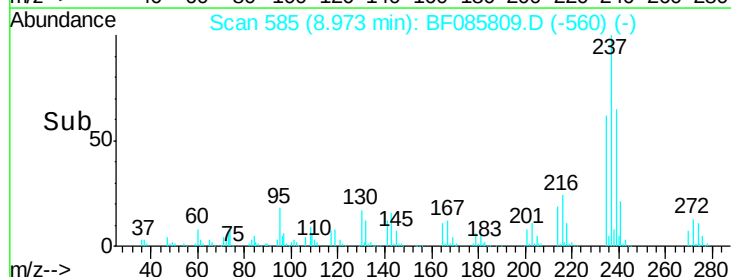
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	191372		
235	62.2	43.7	83.7	
272	13.4	0.0	31.9	

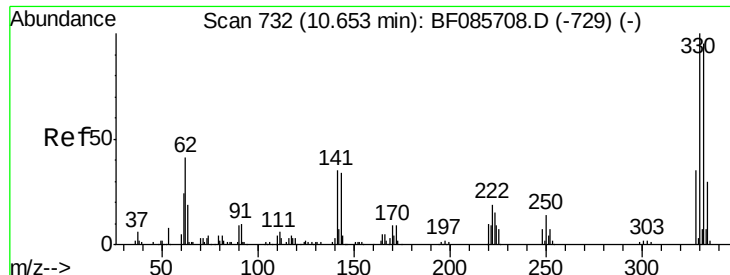


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 143.87 ng

RT: 10.65 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF085809.D

Acq: 28 Mar 2016 18:50

Instrument :

BNA_F

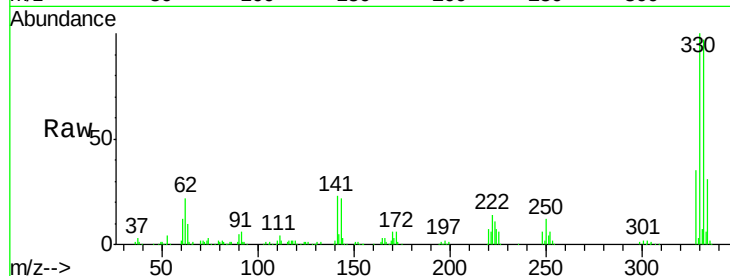
ClientSampleId :

PB89183BS

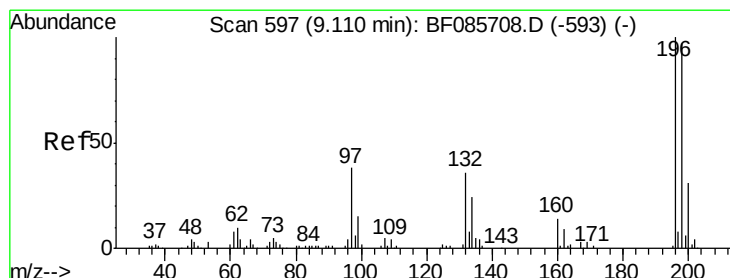
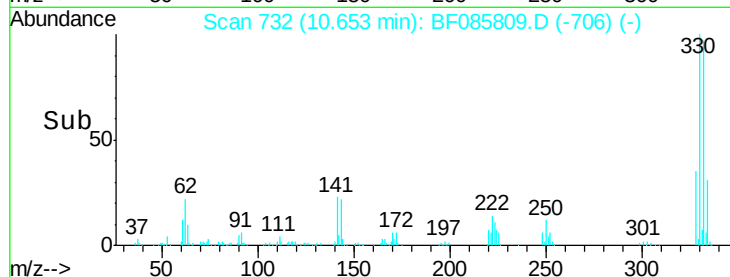
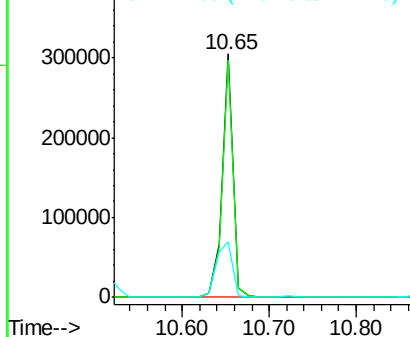
Tgt Ion:	330	Resp:	271246
Ion Ratio	Lower	Upper	
330	100		
332	96.6	78.2	117.2
141	34.1	31.5	47.3

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



#42

2,4,6-Trichlorophenol

Concen: 42.39 ng

RT: 9.10 min Scan# 596

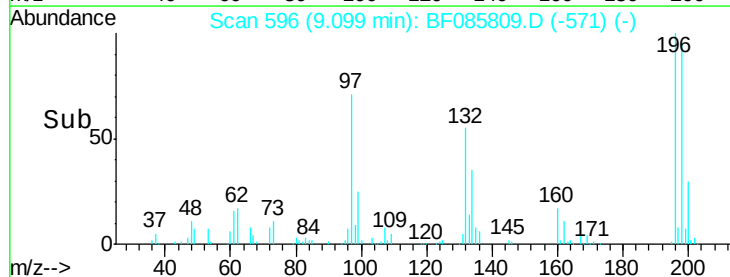
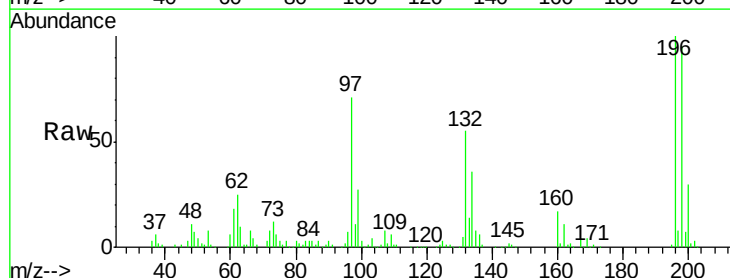
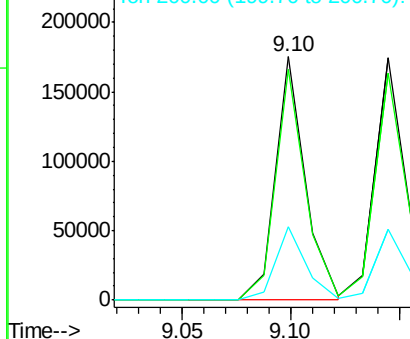
Delta R.T. -0.01 min

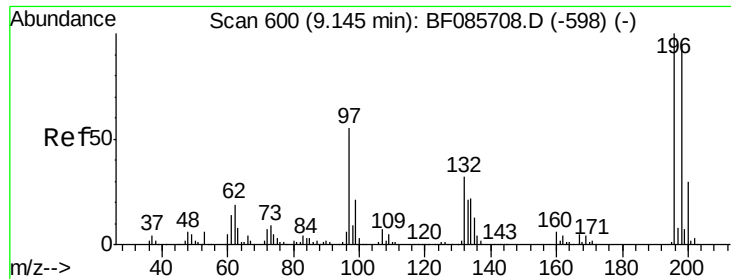
Lab File: BF085809.D

Acq: 28 Mar 2016 18:50

Tgt Ion:	196	Resp:	168485
Ion Ratio	Lower	Upper	
196	100		
198	95.0	75.3	112.9
200	30.3	23.7	35.5

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





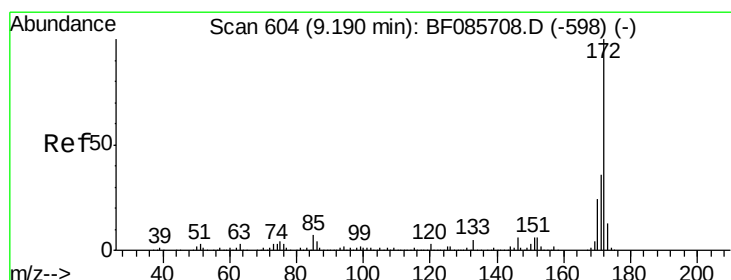
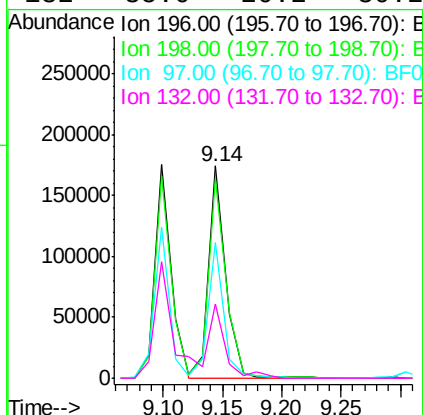
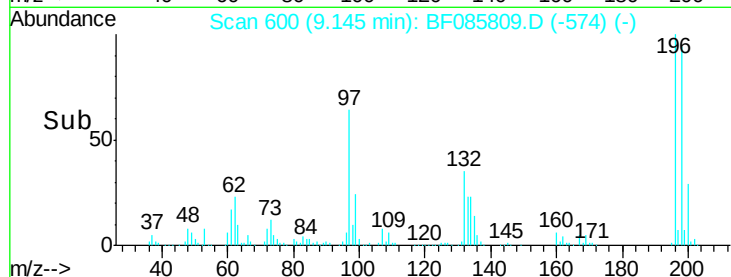
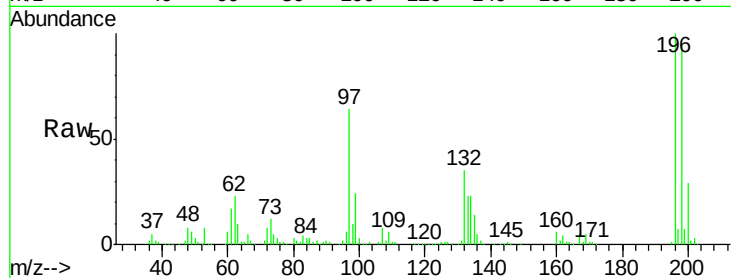
#43
 2,4,5-Trichlorophenol
 Concen: 41.51 ng
 RT: 9.14 min Scan# 600
 Delta R.T. -0.00 min
 Lab File: BF085809.D
 Acq: 28 Mar 2016 18:50

Instrument :
 BNA_F
 ClientSampleId :
 PB89183BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	173028		
198	94.0	76.6	114.8	
97	63.9	30.5	45.7	#
132	35.0	20.2	30.2	#

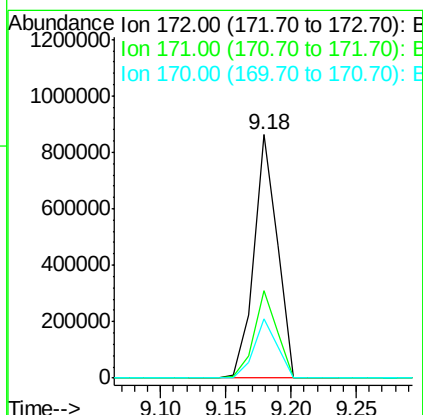
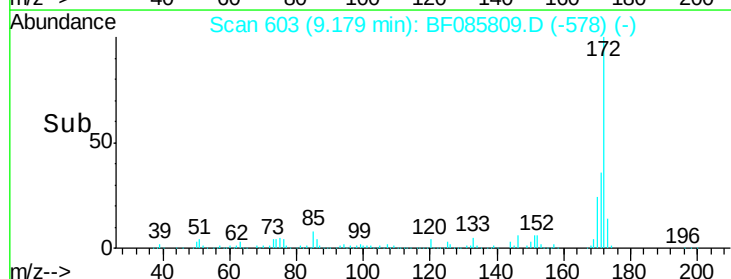
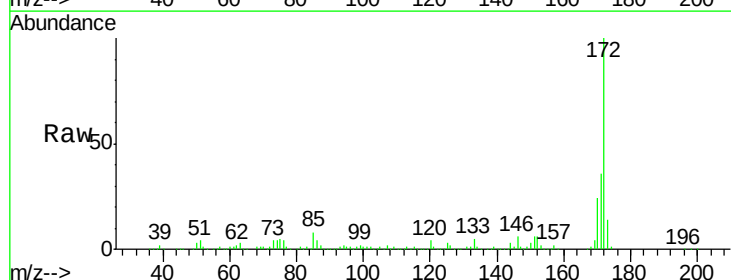
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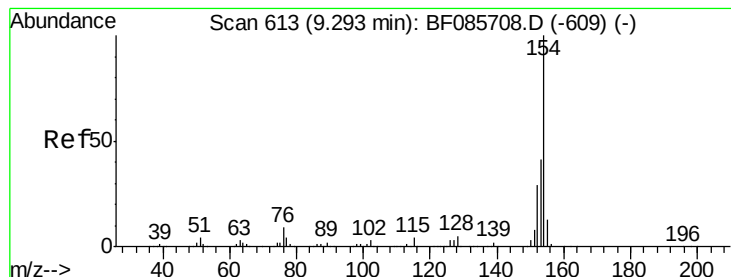
Sohil
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#44
 2-Fluorobiphenyl
 Concen: 90.64 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF085809.D
 Acq: 28 Mar 2016 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1076496		
171	36.1	29.4	44.2	
170	24.5	19.8	29.6	





#45

1,1'-Biphenyl

Concen: 41.49 ng

RT: 9.28 min Scan# 612

Delta R.T. -0.01 min

Lab File: BF085809.D

Acq: 28 Mar 2016 18:50

Instrument :

BNA_F

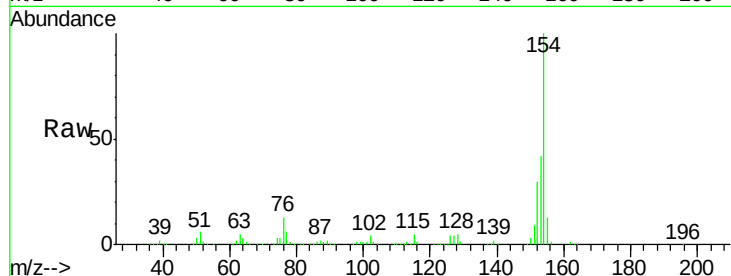
ClientSampleId :

PB89183BS

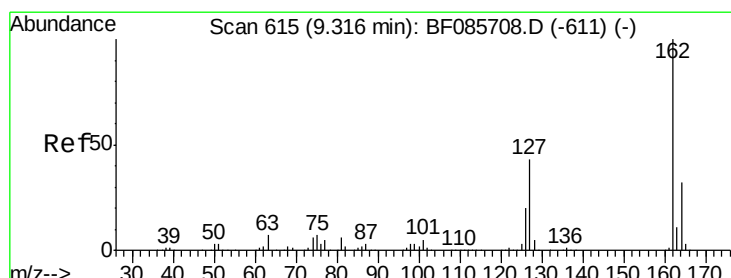
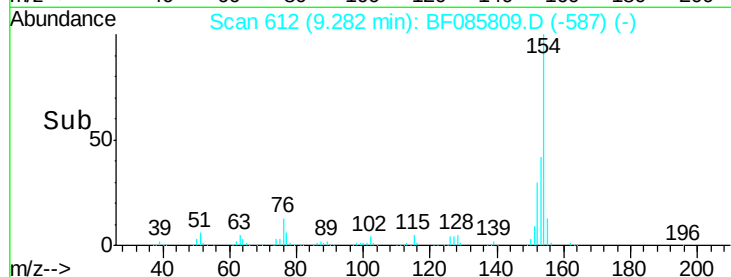
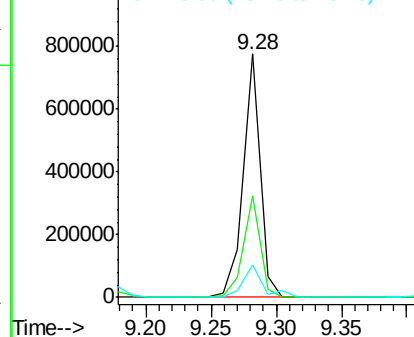
Tgt Ion:	154	Resp:	694669
Ion Ratio	Lower	Upper	
154	100		
153	41.8	20.8	60.8
76	13.4	0.0	36.7

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



#46

2-Chloronaphthalene

Concen: 41.87 ng

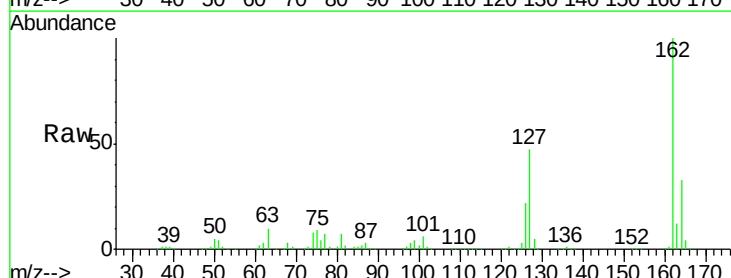
RT: 9.30 min Scan# 614

Delta R.T. -0.01 min

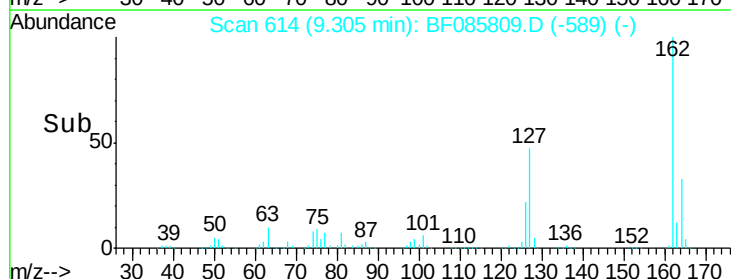
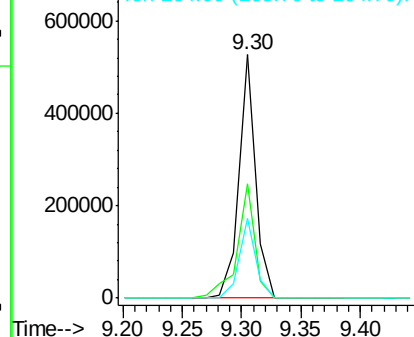
Lab File: BF085809.D

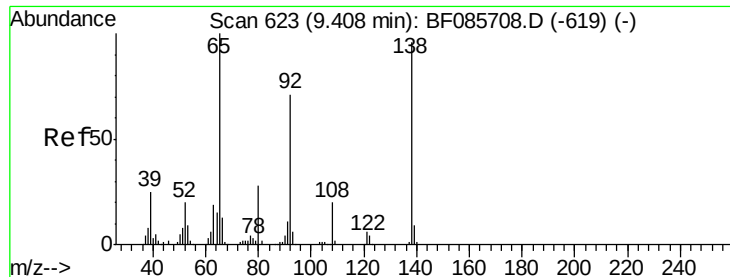
Acq: 28 Mar 2016 18:50

Tgt Ion:	162	Resp:	515556
Ion Ratio	Lower	Upper	
162	100		
127	47.0	31.7	47.5
164	33.0	27.3	40.9



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: 46.80 ng

RT: 9.41 min Scan# 623

Delta R.T. -0.00 min

Lab File: BF085809.D

Acq: 28 Mar 2016 18:50

Instrument :

BNA_F

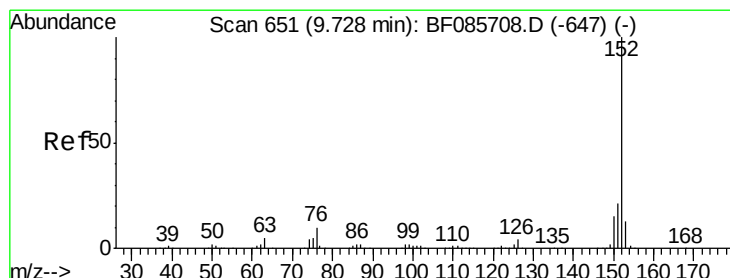
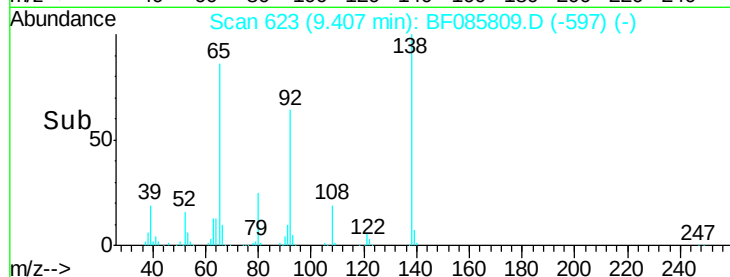
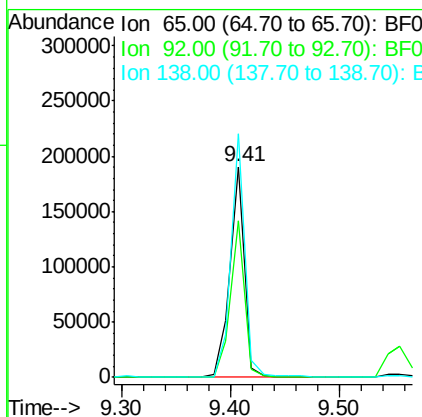
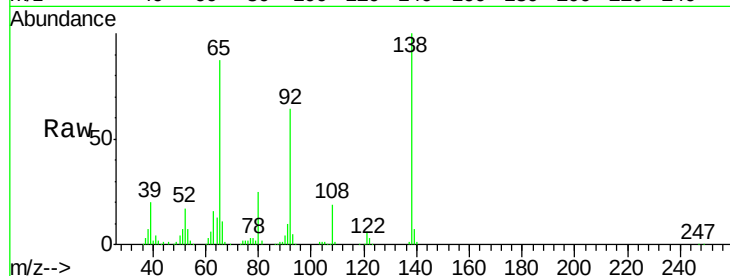
ClientSampleId :

PB89183BS

Tgt Ion:	65	Resp:	176213
Ion Ratio	Lower	Upper	
65	100		
92	74.3	59.7	89.5
138	115.6	91.4	137.0

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#48

Acenaphthylene

Concen: 41.83 ng

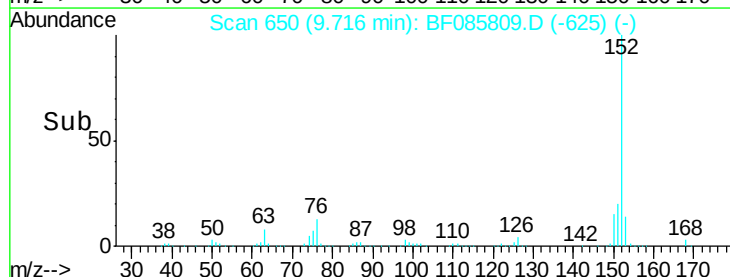
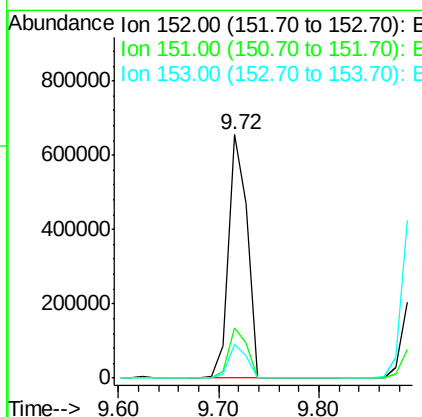
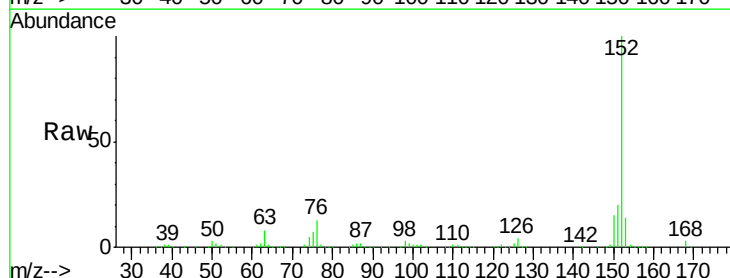
RT: 9.72 min Scan# 650

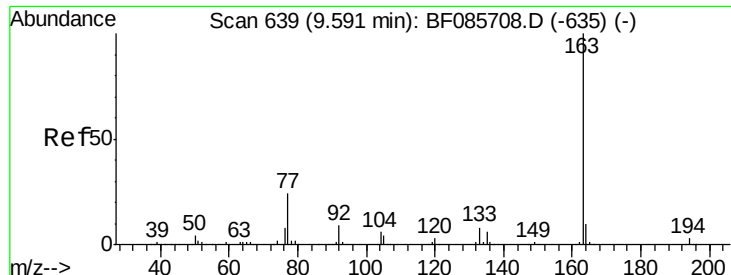
Delta R.T. -0.01 min

Lab File: BF085809.D

Acq: 28 Mar 2016 18:50

Tgt Ion:	152	Resp:	839131
Ion Ratio	Lower	Upper	
152	100		
151	20.4	16.8	25.2
153	13.7	10.9	16.3





#49

Dimethylphthalate

Concen: 44.14 ng

RT: 9.59 min Scan# 639

Delta R.T. -0.00 min

Lab File: BF085809.D

Acq: 28 Mar 2016 18:50

Instrument :

BNA_F

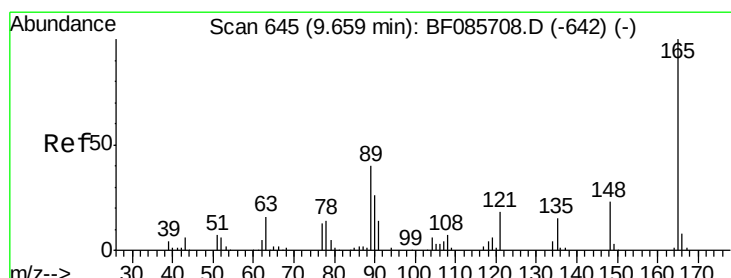
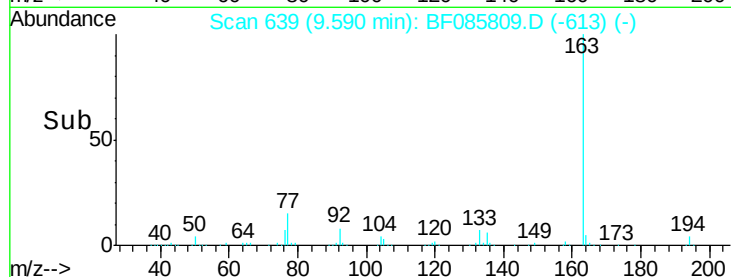
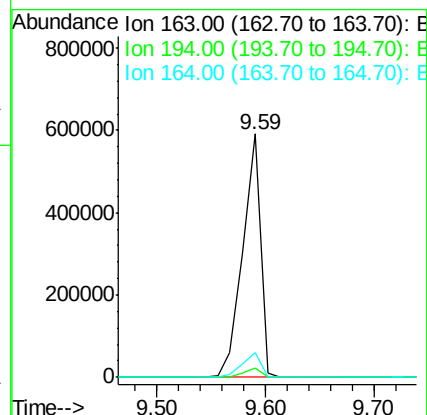
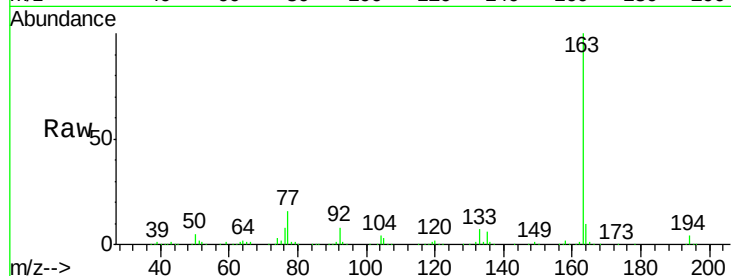
ClientSampleId :

PB89183BS

Tgt Ion:	163	Resp:	664525
Ion Ratio	Lower	Upper	
163	100		
194	3.8	2.9	4.3
164	10.0	8.3	12.5

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#50

2,6-Dinitrotoluene

Concen: 40.22 ng

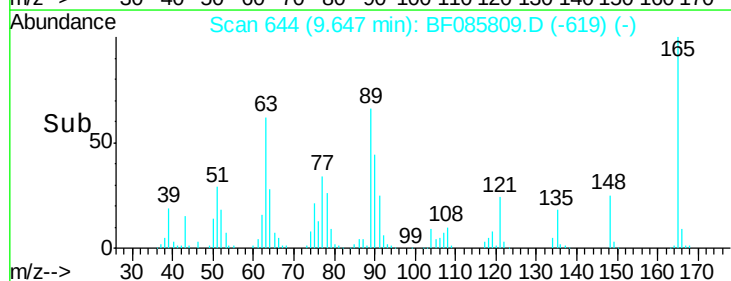
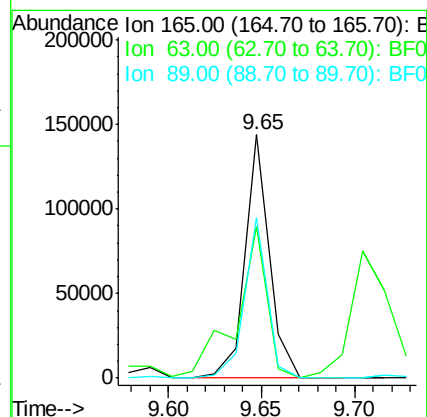
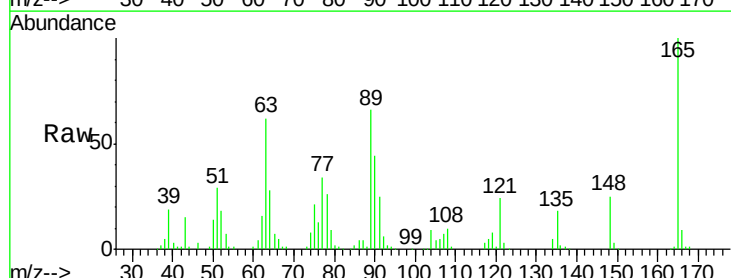
RT: 9.65 min Scan# 644

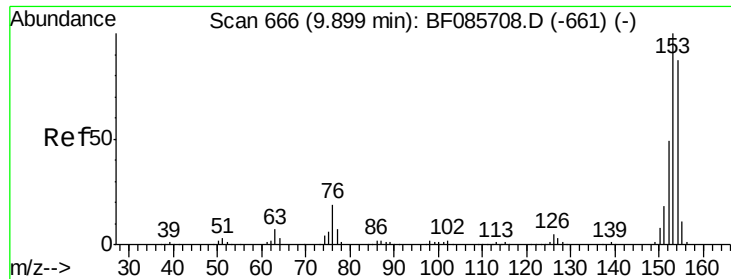
Delta R.T. -0.01 min

Lab File: BF085809.D

Acq: 28 Mar 2016 18:50

Tgt Ion:	165	Resp:	130330
Ion Ratio	Lower	Upper	
165	100		
63	62.1	51.8	77.8
89	65.7	53.7	80.5





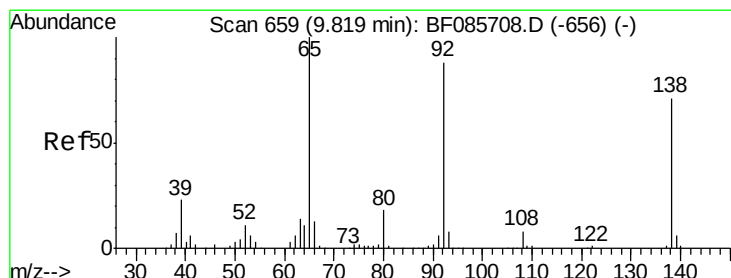
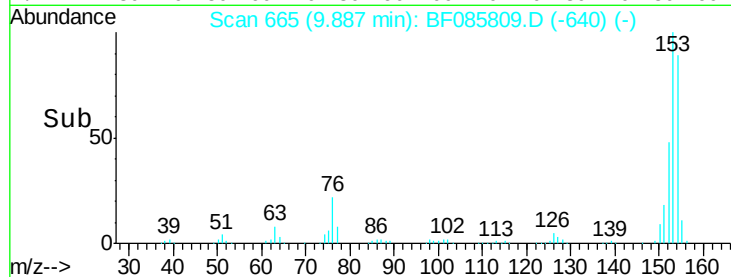
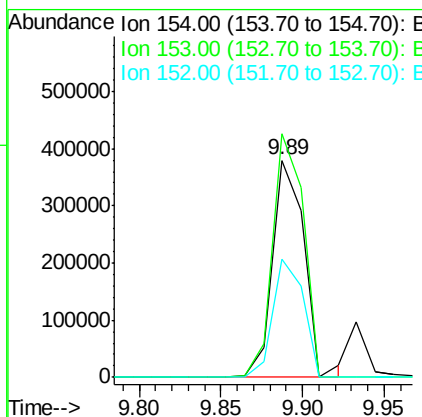
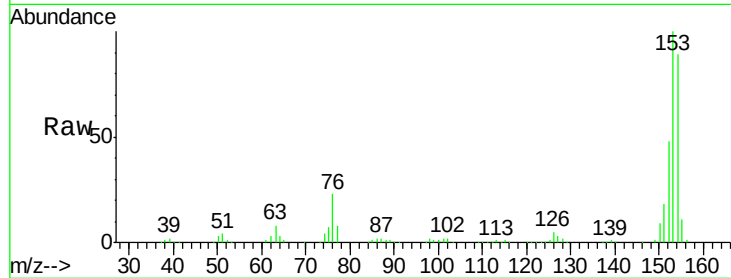
#51
Acenaphthene
Concen: 41.99 ng
RT: 9.89 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF085809.D
Acq: 28 Mar 2016 18:50

Instrument :
BNA_F
ClientSampled :
PB89183BS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	514559		
153	112.2	90.1	135.1	
152	54.2	44.2	66.2	

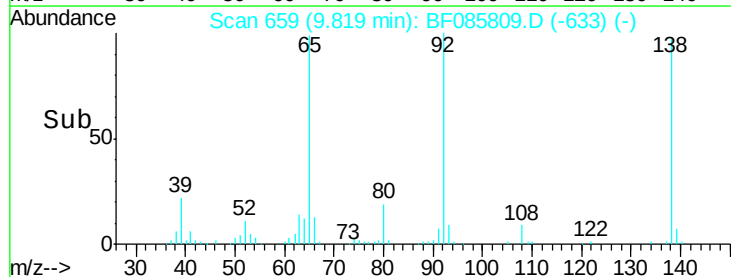
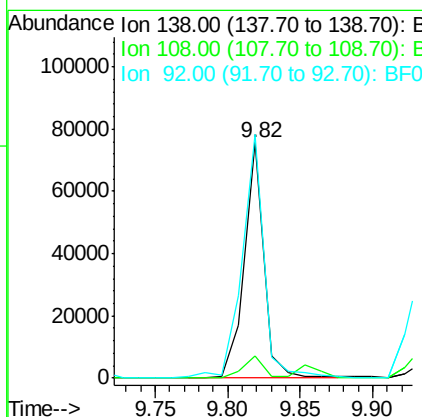
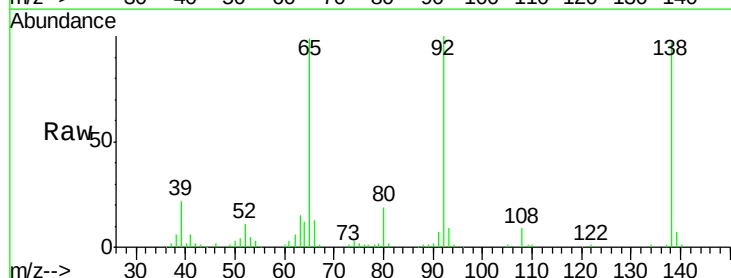
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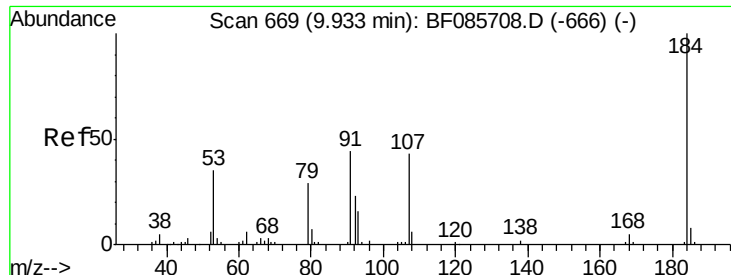
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#52
3-Nitroaniline
Concen: 19.24 ng
RT: 9.82 min Scan# 659
Delta R.T. -0.00 min
Lab File: BF085809.D
Acq: 28 Mar 2016 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	71366		
108	9.6	8.7	13.1	
92	103.4	93.3	139.9	





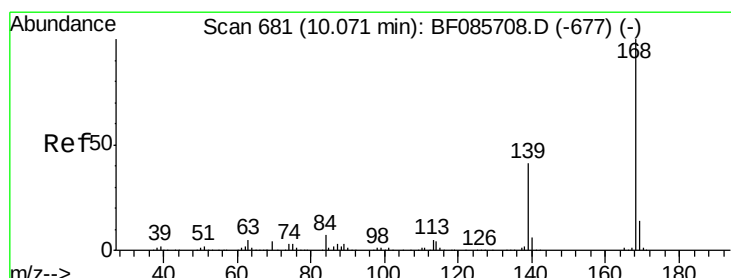
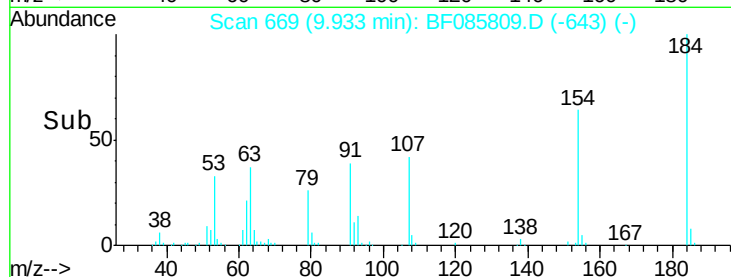
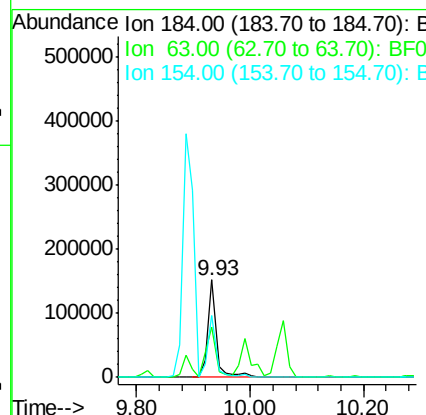
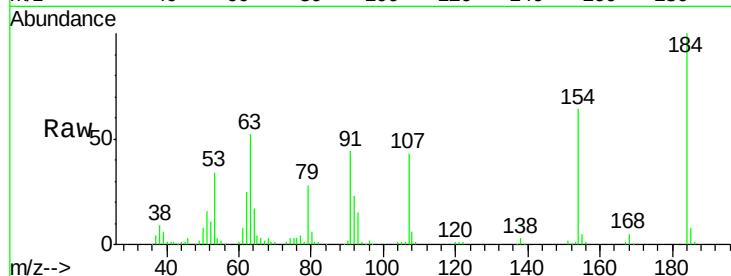
#53
 2,4-Dinitrophenol
 Concen: 92.54 ng
 RT: 9.93 min Scan# 669
 Delta R.T. 0.00 min
 Lab File: BF085809.D
 Acq: 28 Mar 2016 18:50

Instrument :
 BNA_F
 ClientSampled :
 PB89183BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	153178		
63	51.7	69.5	104.3#	
154	63.8	58.3	87.5	

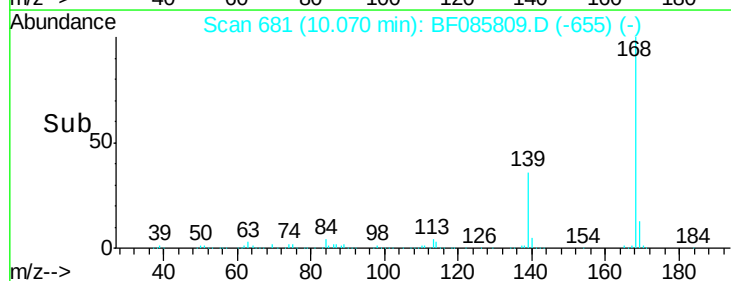
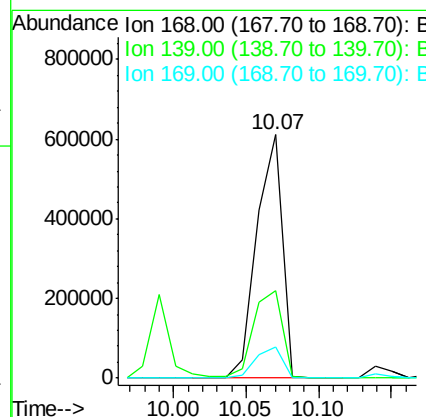
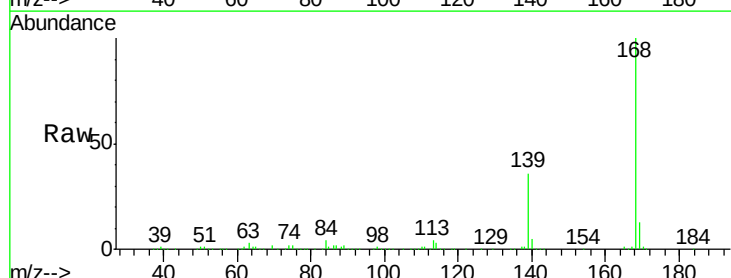
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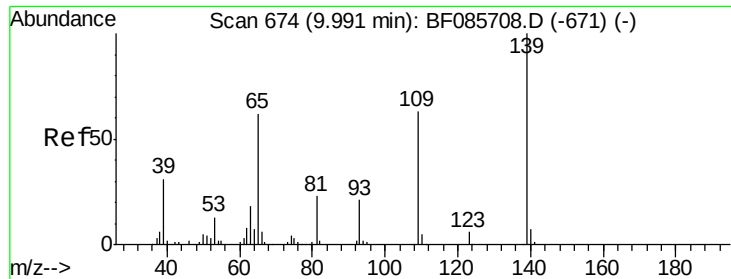
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#54
 Dibenzofuran
 Concen: 46.96 ng
 RT: 10.07 min Scan# 681
 Delta R.T. -0.00 min
 Lab File: BF085809.D
 Acq: 28 Mar 2016 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	744802		
139	35.9	31.9	47.9	
169	13.0	11.0	16.6	





#55

4-Nitrophenol

Concen: 81.35 ng

RT: 9.99 min Scan# 674

Delta R.T. -0.00 min

Lab File: BF085809.D

Acq: 28 Mar 2016 18:50

Instrument :

BNA_F

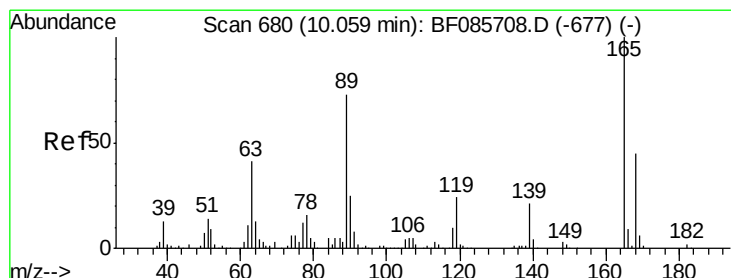
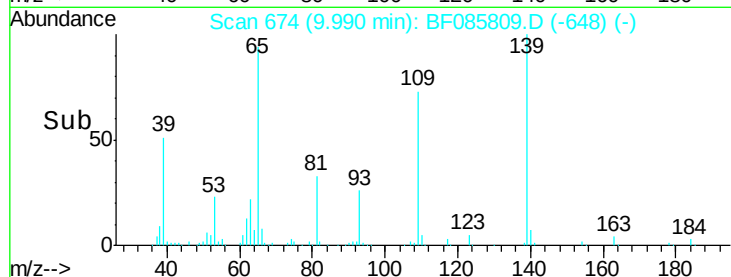
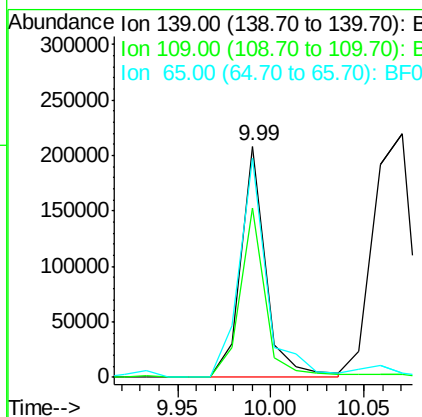
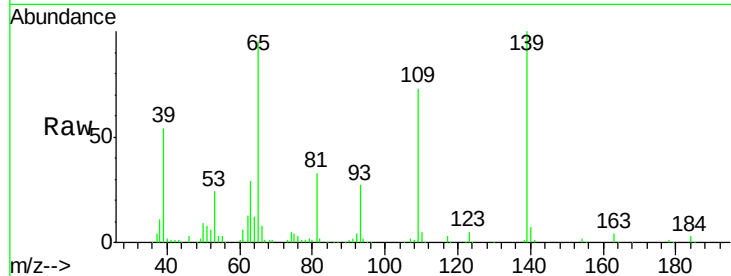
ClientSampleId :

PB89183BS

Tgt Ion:	139	Resp:	196591
Ion Ratio	Lower	Upper	
139	100		
109	73.2	49.2	89.2
65	94.7	66.9	106.9

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#56

2,4-Dinitrotoluene

Concen: 47.09 ng

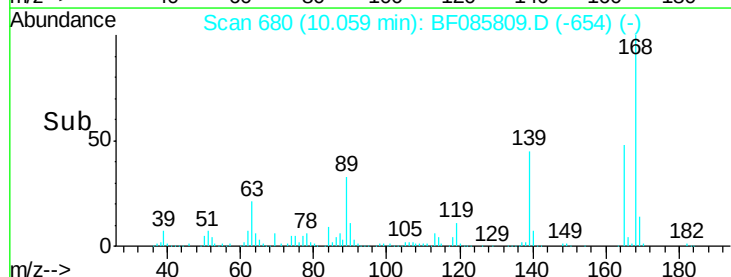
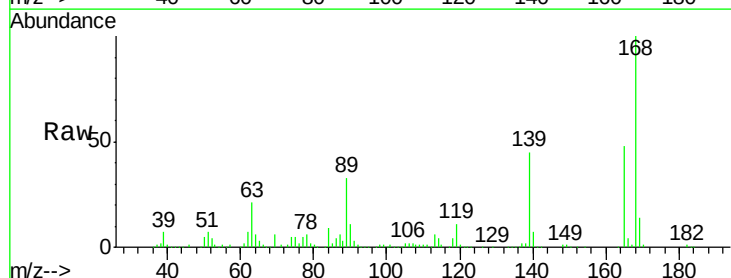
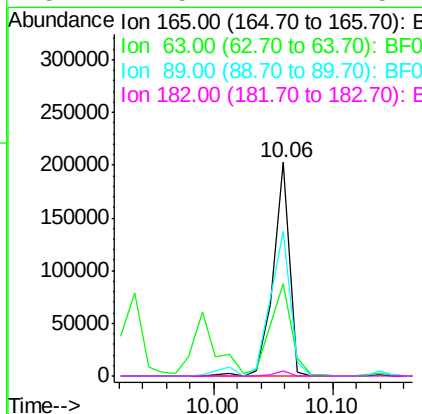
RT: 10.06 min Scan# 680

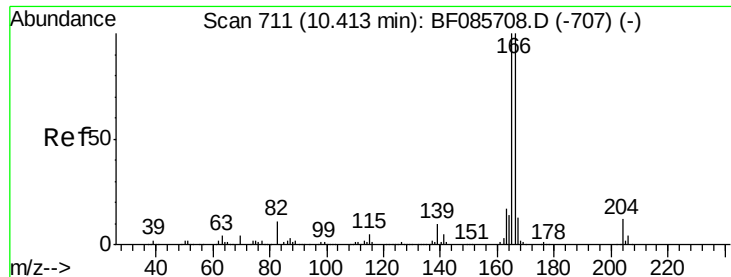
Delta R.T. -0.00 min

Lab File: BF085809.D

Acq: 28 Mar 2016 18:50

Tgt Ion:	165	Resp:	193959
Ion Ratio	Lower	Upper	
165	100		
63	43.2	24.9	37.3#
89	67.9	41.0	61.6#
182	2.5	2.1	3.1





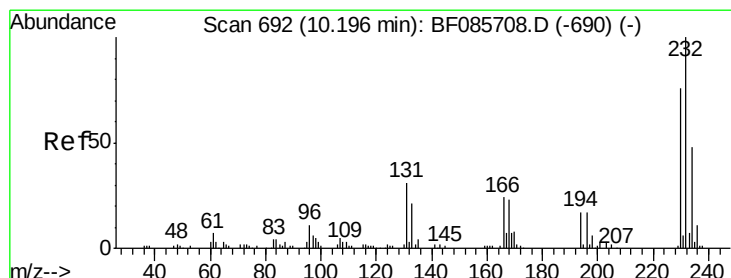
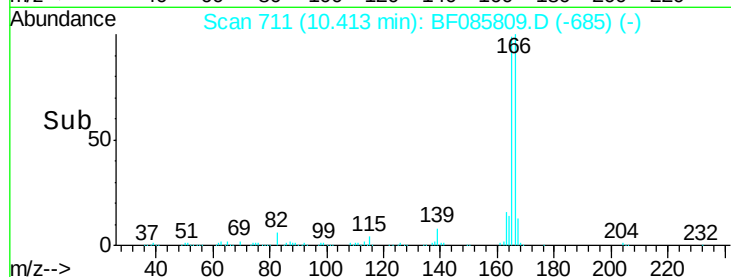
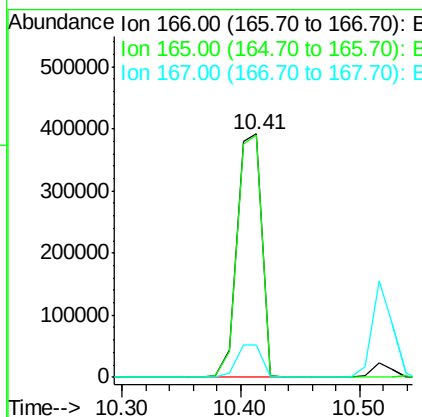
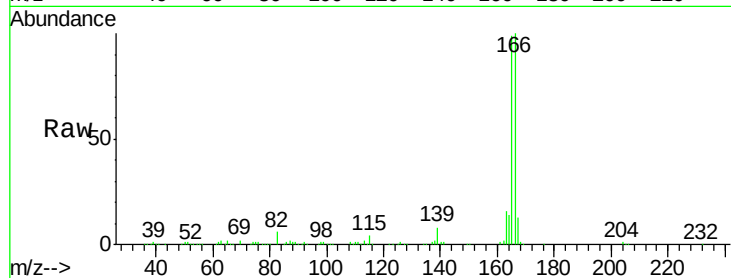
#57
 Fluorene
 Concen: 42.74 ng
 RT: 10.41 min Scan# 711
 Delta R.T. -0.00 min
 Lab File: BF085809.D
 Acq: 28 Mar 2016 18:50

Instrument :
 BNA_F
 ClientSampleID :
 PB89183BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	563483		
165	99.4	79.4	119.0	
167	13.1	11.0	16.4	

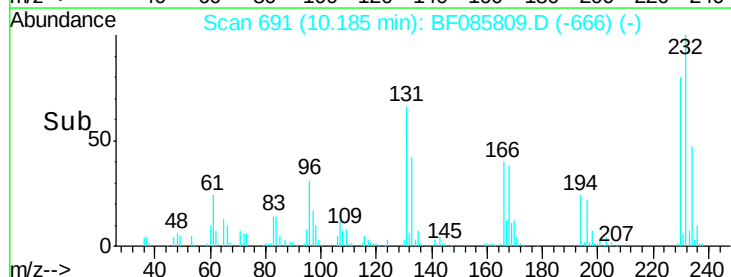
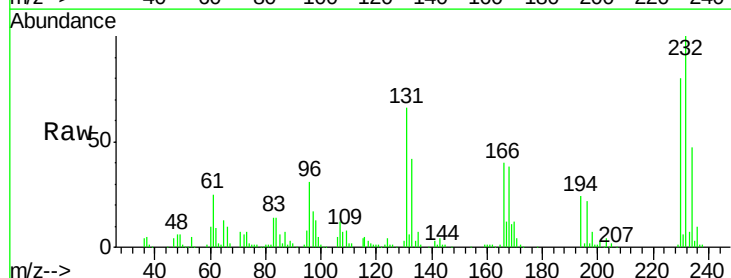
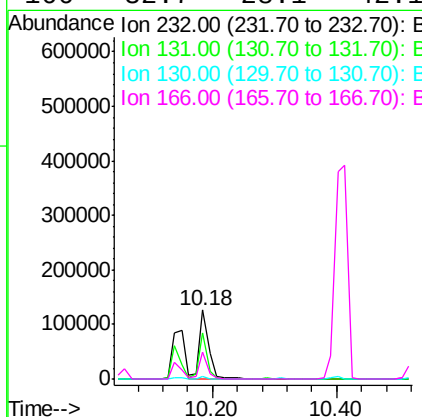
Manual Integrations
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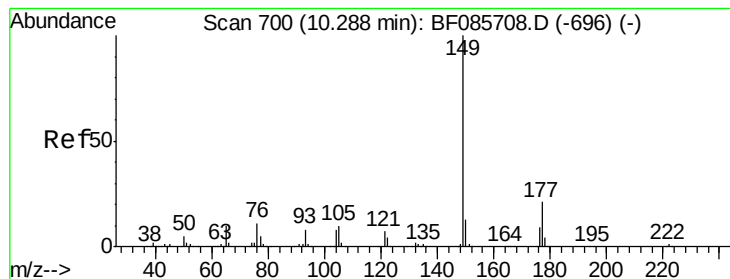
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.68 ng
 RT: 10.18 min Scan# 691
 Delta R.T. -0.01 min
 Lab File: BF085809.D
 Acq: 28 Mar 2016 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	138119		
131	56.2	44.9	67.3	
130	2.7	2.3	3.5	
166	32.7	28.1	42.1	





#59

Diethylphthalate

Concen: 44.92 ng

RT: 10.29 min Scan# 700

Delta R.T. -0.00 min

Lab File: BF085809.D

Acq: 28 Mar 2016 18:50

Instrument :

BNA_F

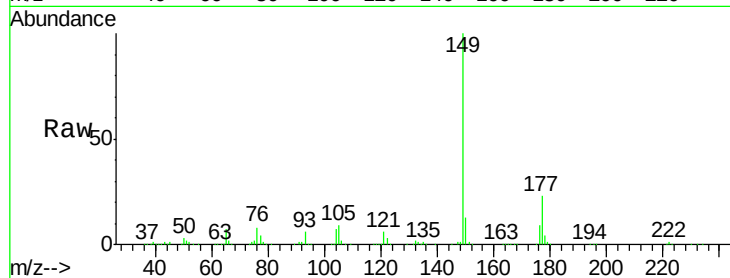
ClientSampleId :

PB89183BS

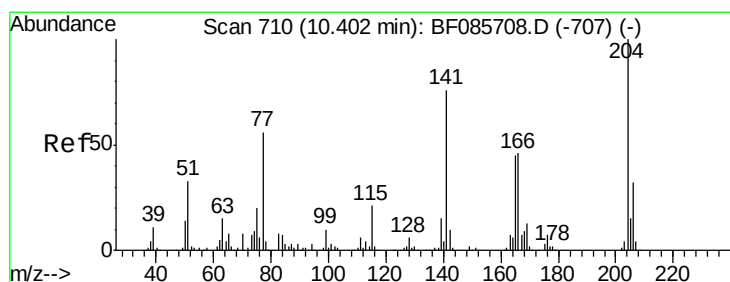
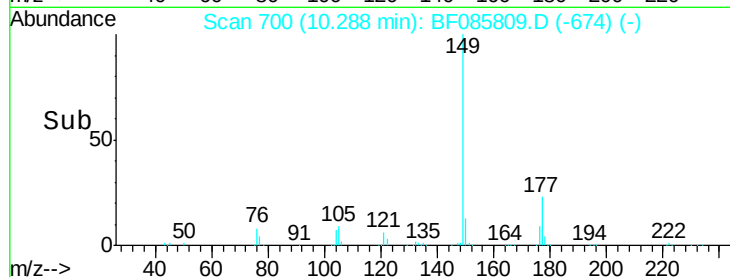
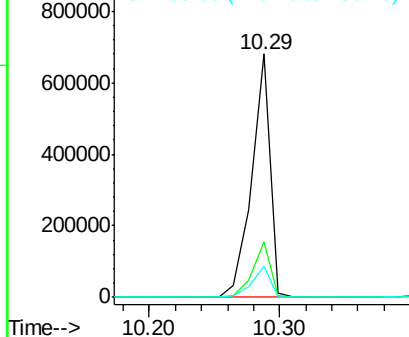
Tgt Ion:	149	Resp:	668124
Ion Ratio		Lower	Upper
149	100		
177	22.7	17.9	26.9
150	12.7	10.2	15.2

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



#60

4-Chlorophenyl-phenylether

Concen: 44.66 ng

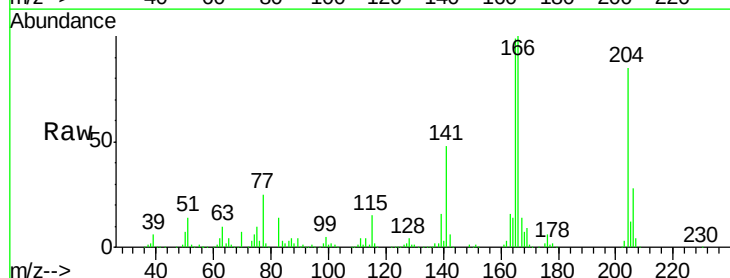
RT: 10.40 min Scan# 710

Delta R.T. -0.00 min

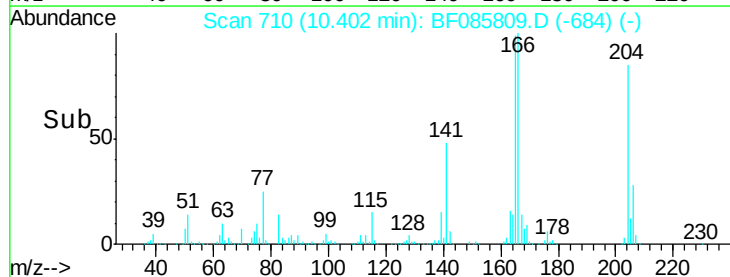
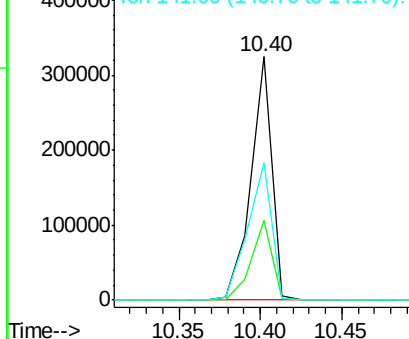
Lab File: BF085809.D

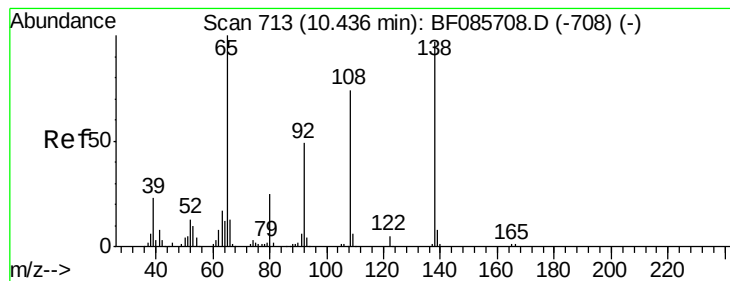
Acq: 28 Mar 2016 18:50

Tgt Ion:	204	Resp:	287933
Ion Ratio		Lower	Upper
204	100		
206	32.7	26.6	39.8
141	56.5	57.4	86.0#



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





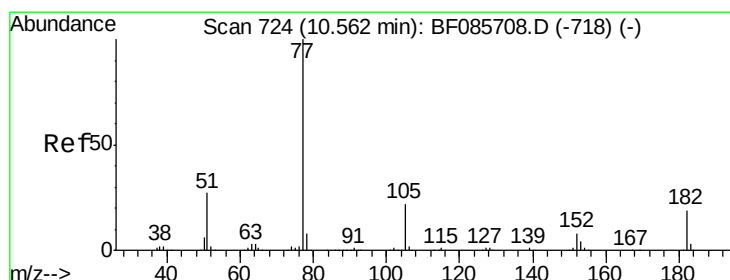
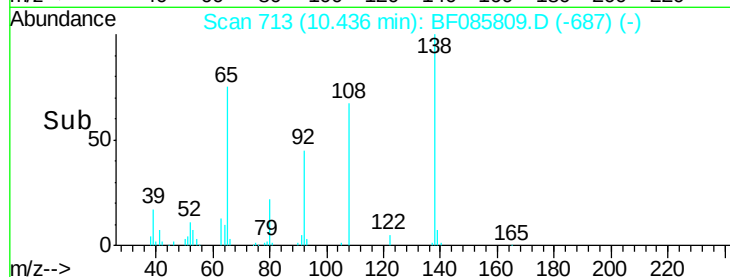
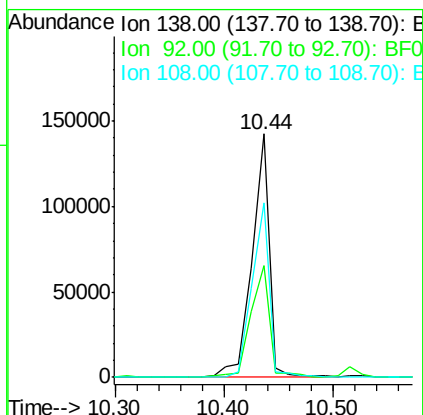
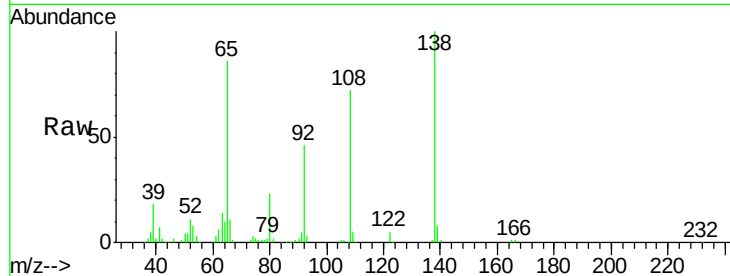
#61
4-Nitroaniline
Concen: 44.79 ng
RT: 10.44 min Scan# 713
Delta R.T. -0.00 min
Lab File: BF085809.D
Acq: 28 Mar 2016 18:50

Instrument :
BNA_F
ClientSampleId :
PB89183BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	158894		
92	45.7	26.4	66.4	
108	71.7	49.0	89.0	

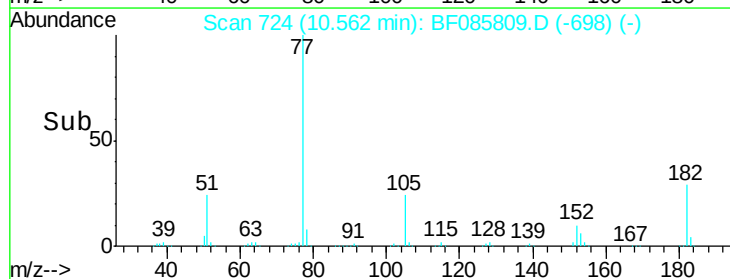
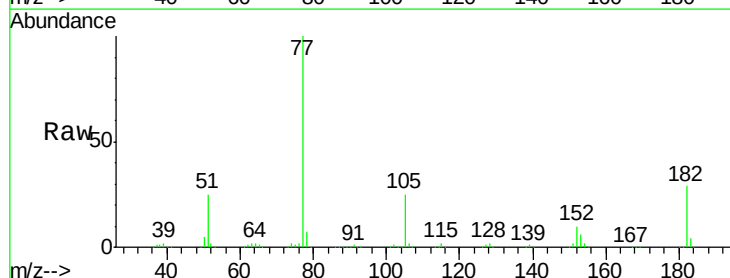
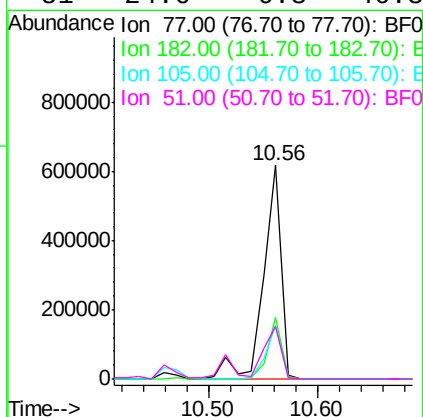
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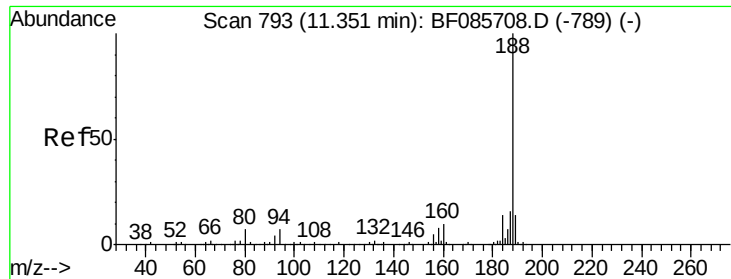
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#62
Azobenzene
Concen: 49.68 ng
RT: 10.56 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF085809.D
Acq: 28 Mar 2016 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	710064		
182	28.7	1.9	41.9	
105	25.0	3.5	43.5	
51	24.6	6.3	46.3	





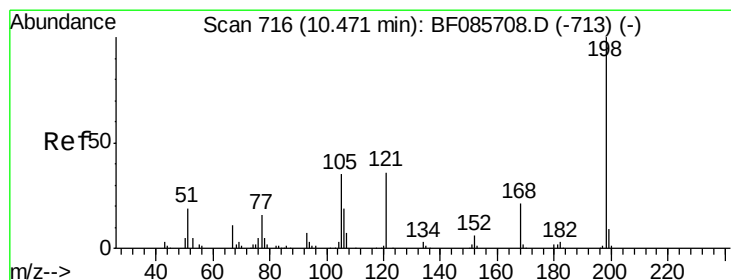
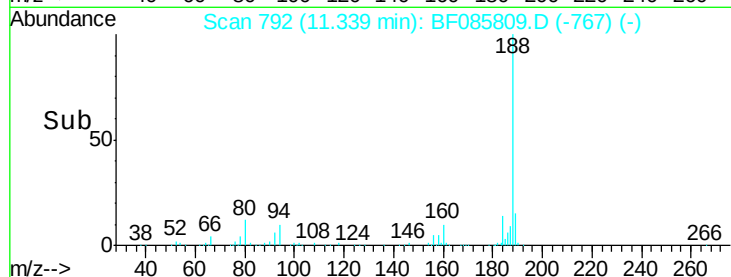
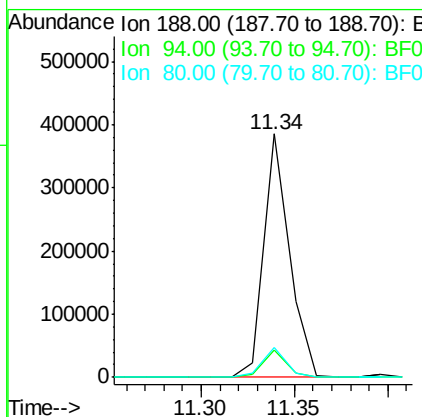
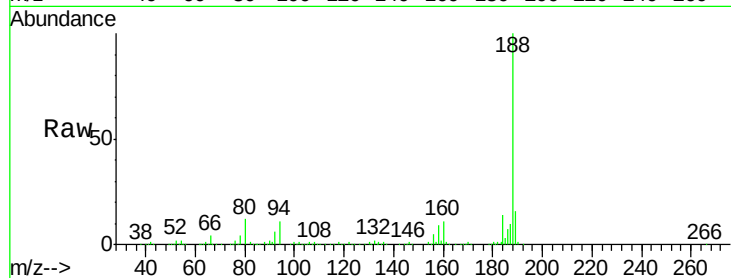
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF085809.D
Acq: 28 Mar 2016 18:50

Instrument :
BNA_F
ClientSampleId :
PB89183BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.5	5.4	8.0#
80	12.2	5.5	8.3#

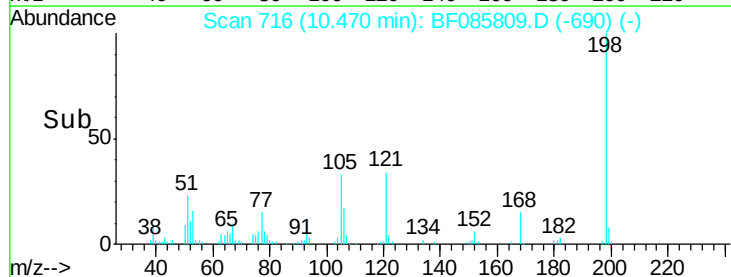
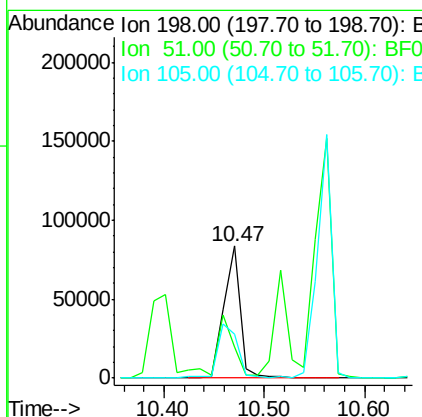
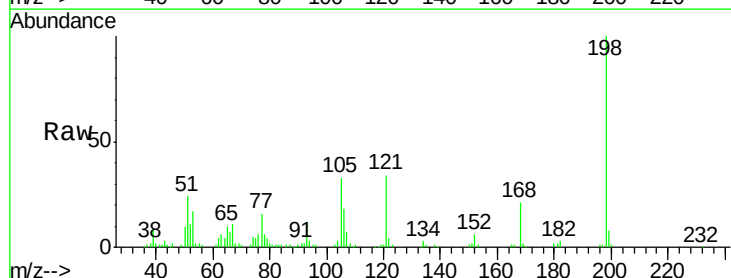
Manual Integrations
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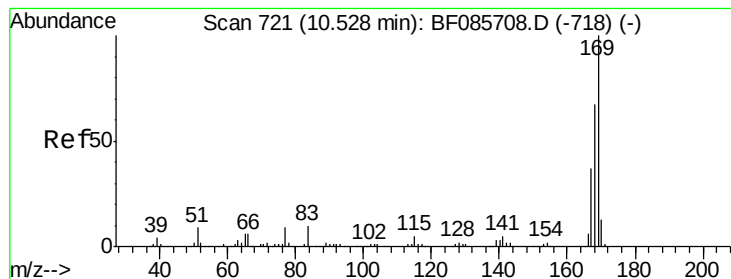
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#64
4,6-Dinitro-2-methylphenol
Concen: 44.19 ng
RT: 10.47 min Scan# 716
Delta R.T. -0.00 min
Lab File: BF085809.D
Acq: 28 Mar 2016 18:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	23.6	45.4	85.4#
105	33.1	45.9	85.9#





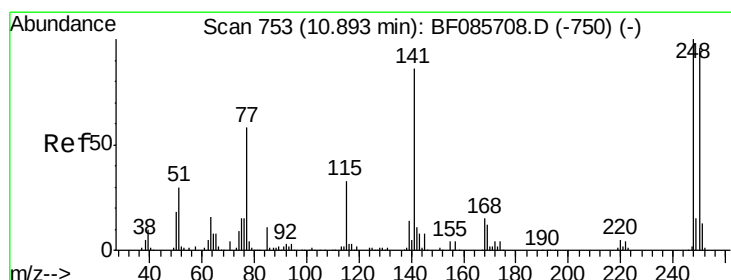
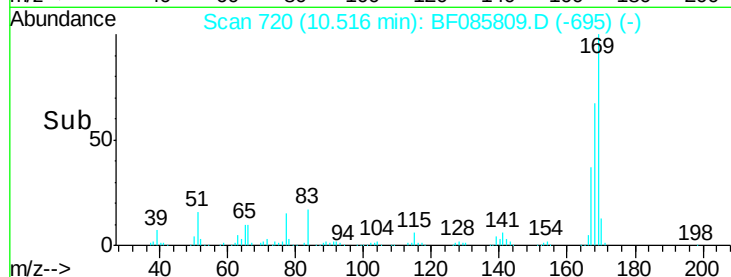
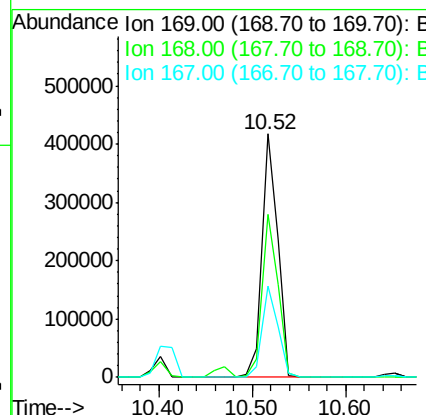
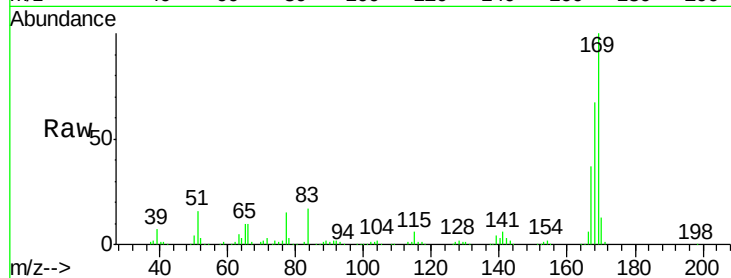
#65
 n-Nitrosodiphenylamine
 Concen: 42.28 ng
 RT: 10.52 min Scan# 720
 Delta R.T. -0.01 min
 Lab File: BF085809.D
 Acq: 28 Mar 2016 18:50

Instrument :
 BNA_F
 ClientSampleId :
 PB89183BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	489312		
168	67.1	54.4	81.6	
167	37.3	29.4	44.0	

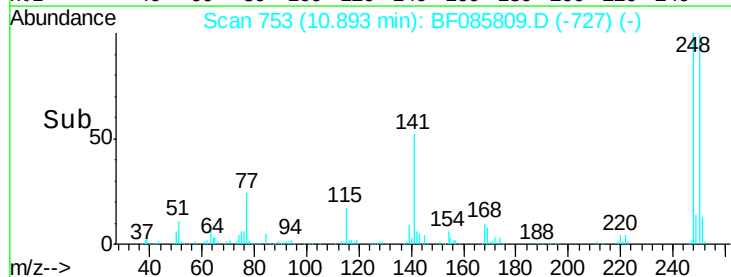
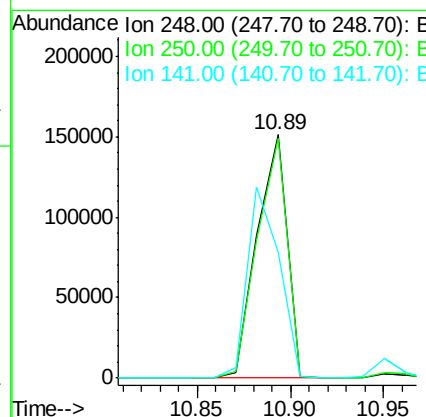
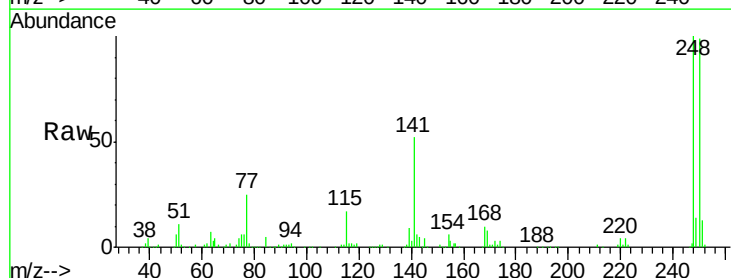
Manual Integrations
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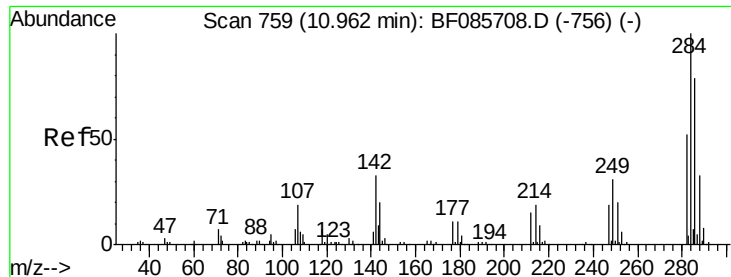
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#66
 4-Bromophenyl-phenylether
 Concen: 44.98 ng
 RT: 10.89 min Scan# 753
 Delta R.T. -0.00 min
 Lab File: BF085809.D
 Acq: 28 Mar 2016 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	168156		
250	98.6	77.4	116.0	
141	51.8	63.6	95.4	





#67

Hexachlorobenzene

Concen: 43.23 ng

RT: 10.96 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF085809.D

Acq: 28 Mar 2016 18:50

Instrument :

BNA_F

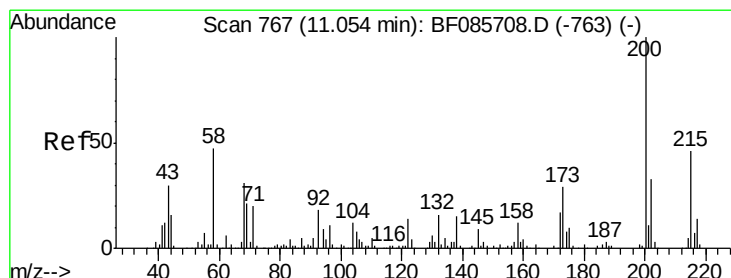
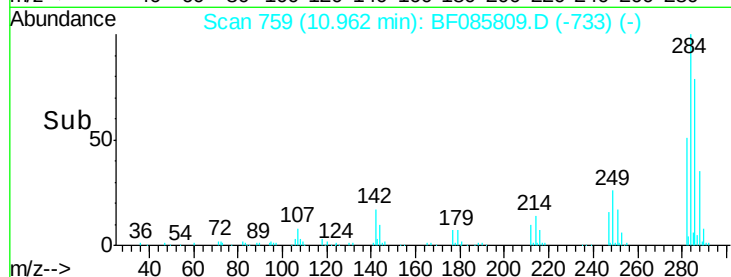
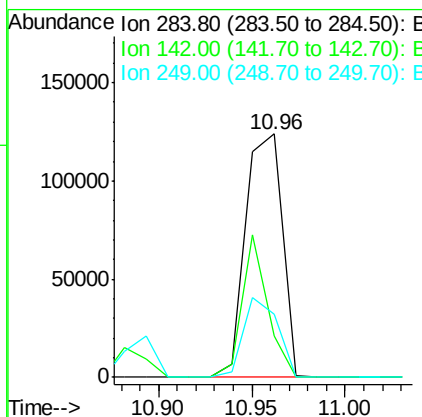
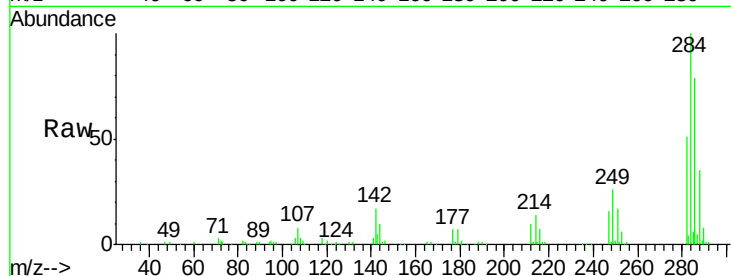
ClientSampleId :

PB89183BS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	169022		
142	17.1	23.1	34.7#	
249	26.0	24.2	36.2	

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#68

Atrazine

Concen: 40.76 ng

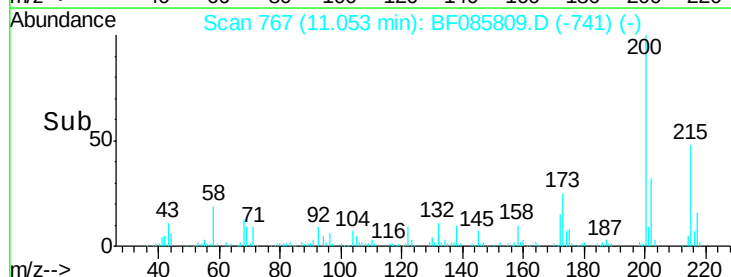
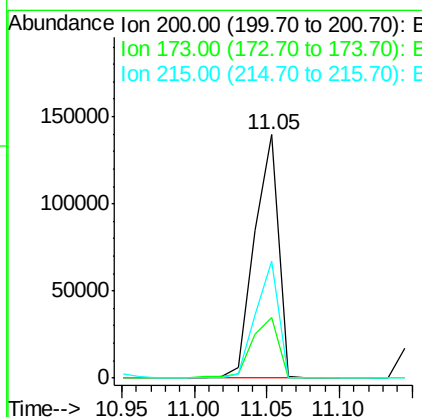
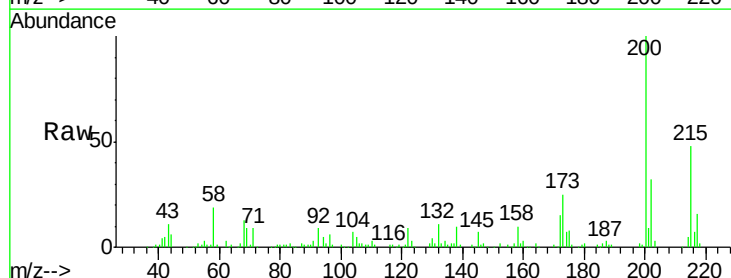
RT: 11.05 min Scan# 767

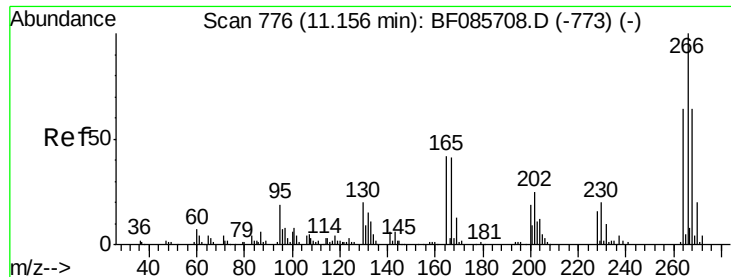
Delta R.T. -0.00 min

Lab File: BF085809.D

Acq: 28 Mar 2016 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	159256		
173	24.8	7.7	47.7	
215	47.9	25.4	65.4	





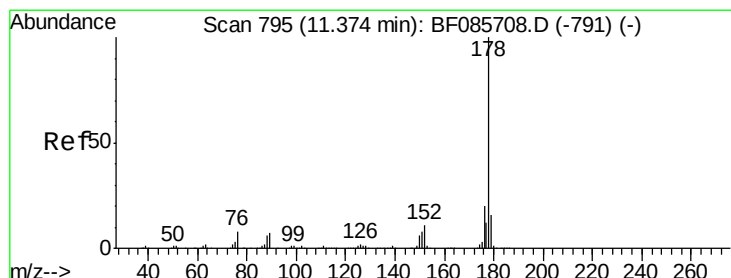
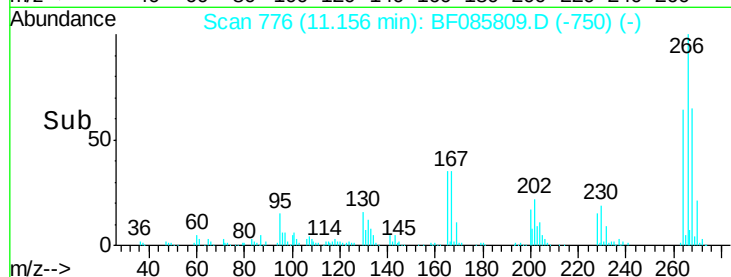
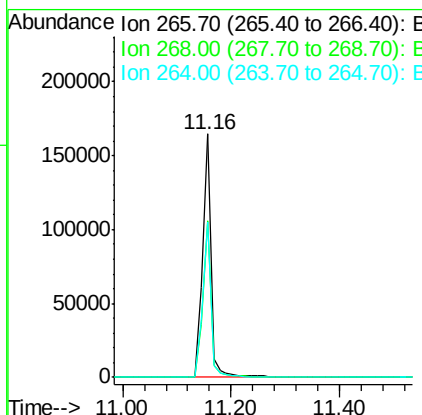
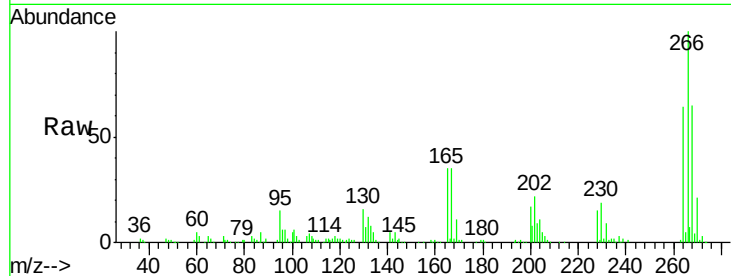
#69
 Pentachlorophenol
 Concen: 92.25 ng
 RT: 11.16 min Scan# 776
 Delta R.T. -0.00 min
 Lab File: BF085809.D
 Acq: 28 Mar 2016 18:50

Instrument :
 BNA_F
 ClientSampleId :
 PB89183BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	177049		
268	64.6	51.5	77.3	
264	63.6	50.6	76.0	

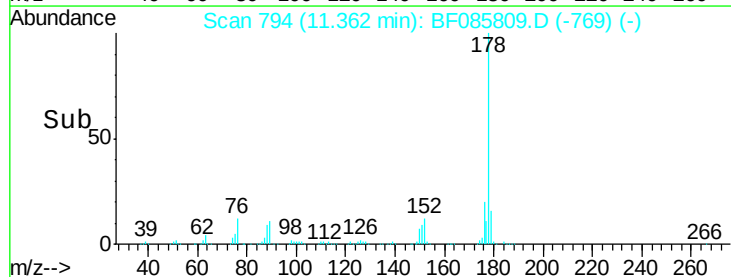
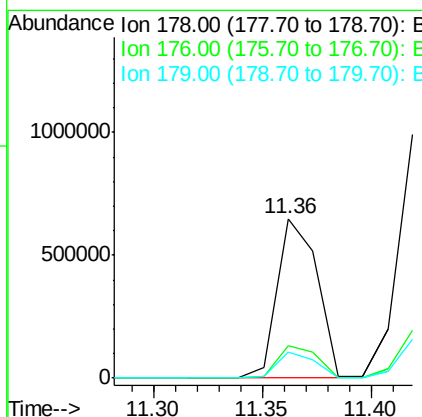
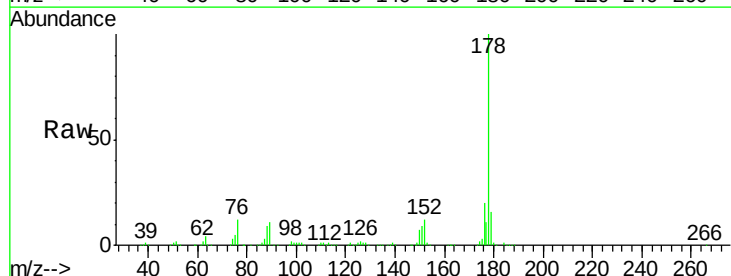
Manual Integrations
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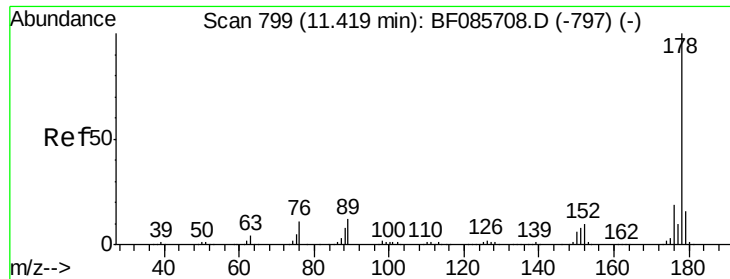
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#70
 Phenanthrene
 Concen: 44.39 ng
 RT: 11.36 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF085809.D
 Acq: 28 Mar 2016 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	832793		
176	20.2	16.3	24.5	
179	16.0	12.6	18.8	





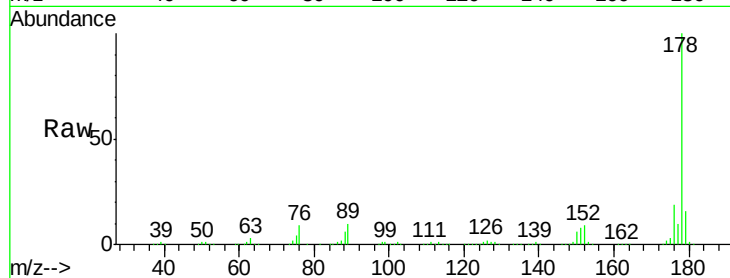
#71
 Anthracene
 Concen: 44.36 ng
 RT: 11.42 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF085809.D
 Acq: 28 Mar 2016 18:50

Instrument :
 BNA_F
 ClientSampled :
 PB89183BS

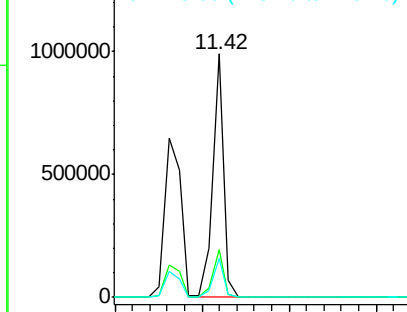
Tgt Ion	Ratio	Resp	Lower	Upper
178	100	873730		
176	19.5	15.9	23.9	
179	15.8	13.0	19.4	

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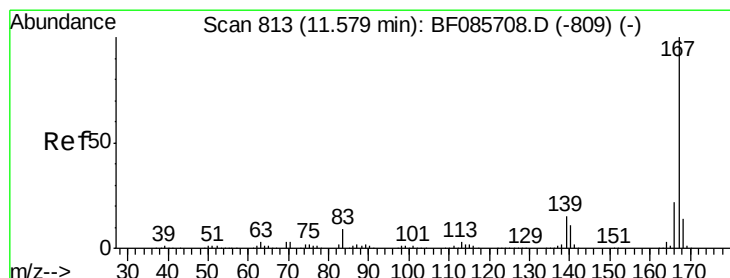
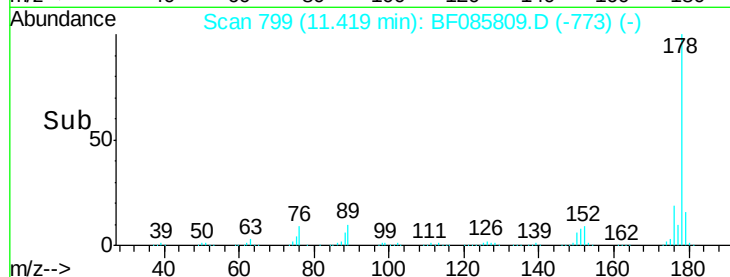
Sohil
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Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

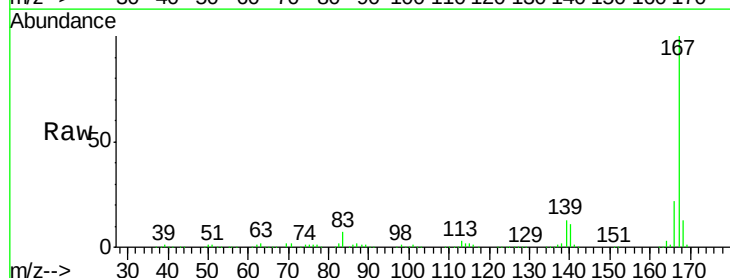


Time--> 11.30 11.40 11.50 11.60

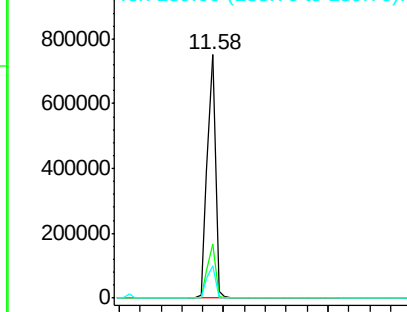


#72
 Carbazole
 Concen: 49.42 ng
 RT: 11.58 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF085809.D
 Acq: 28 Mar 2016 18:50

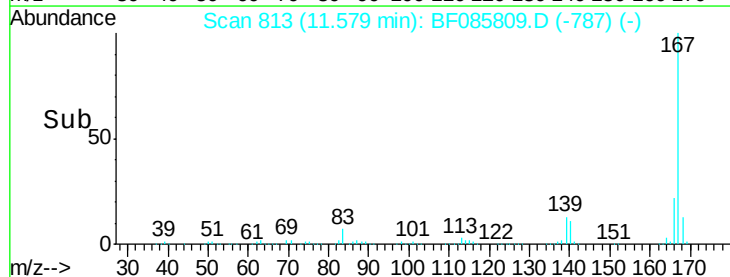
Tgt Ion	Ratio	Resp	Lower	Upper
167	100	817298		
166	22.1	17.8	26.8	
139	13.5	11.6	17.4	

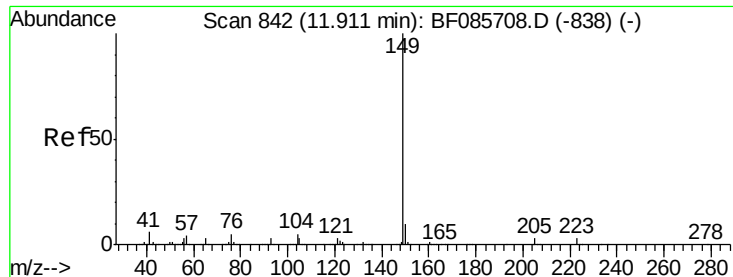


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



Time--> 11.40 11.60 11.80





#73

Di-n-butylphthalate

Concen: 43.19 ng

RT: 11.91 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF085809.D

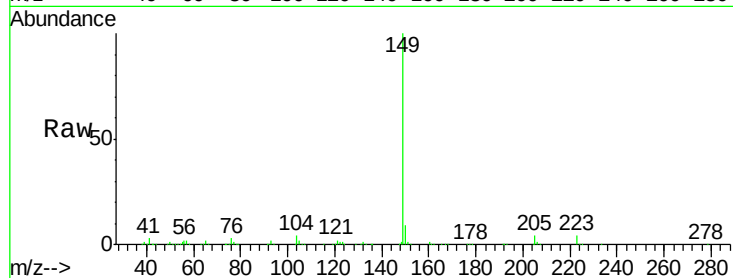
Acq: 28 Mar 2016 18:50

Instrument :

BNA_F

ClientSampleId :

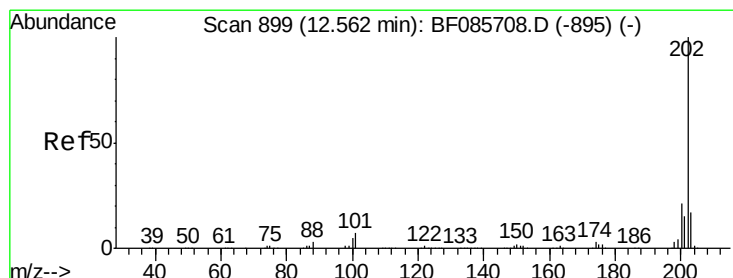
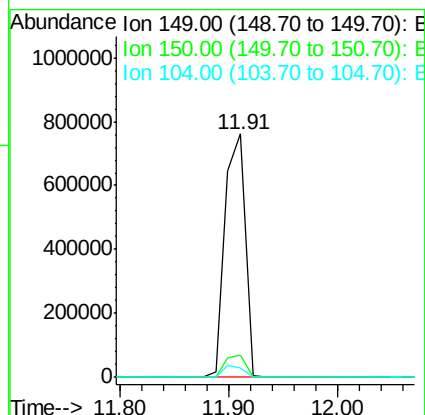
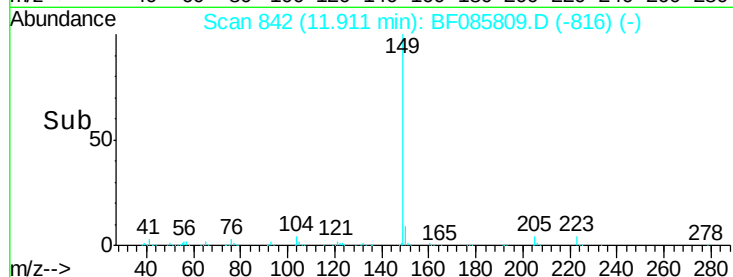
PB89183BS



Tgt Ion:	149	Resp:	980142
Ion Ratio	Lower	Upper	
149	100		
150	8.8	7.6	11.4
104	3.9	3.8	5.8

Manual Integrations
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#74

Fluoranthene

Concen: 39.33 ng

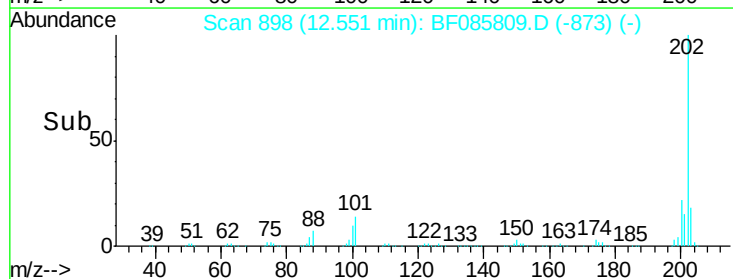
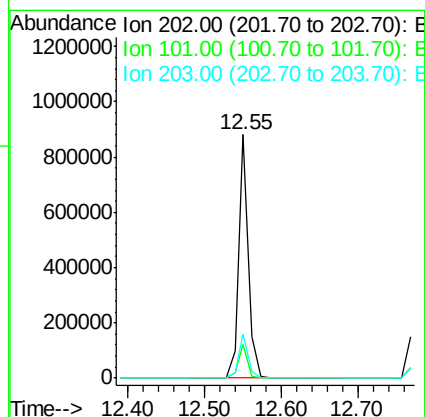
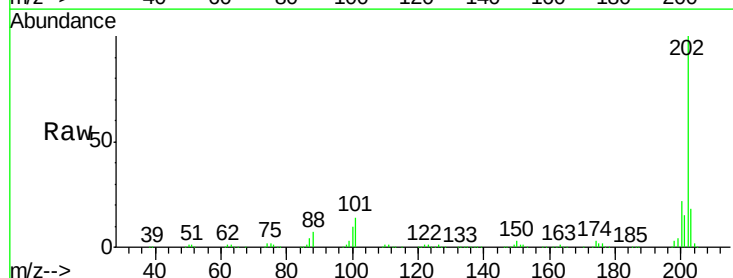
RT: 12.55 min Scan# 898

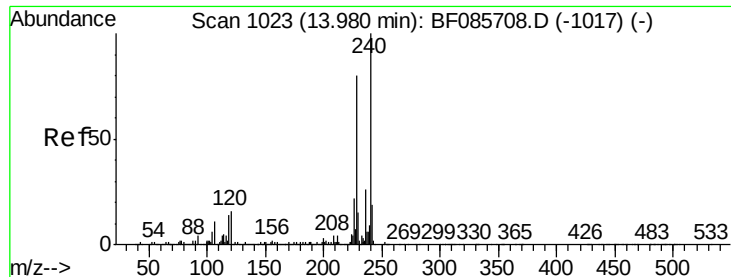
Delta R.T. -0.01 min

Lab File: BF085809.D

Acq: 28 Mar 2016 18:50

Tgt Ion:	202	Resp:	784323
Ion Ratio	Lower	Upper	
202	100		
101	14.1	0.0	36.6
203	18.2	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.98 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF085809.D

Acq: 28 Mar 2016 18:50

Instrument :

BNA_F

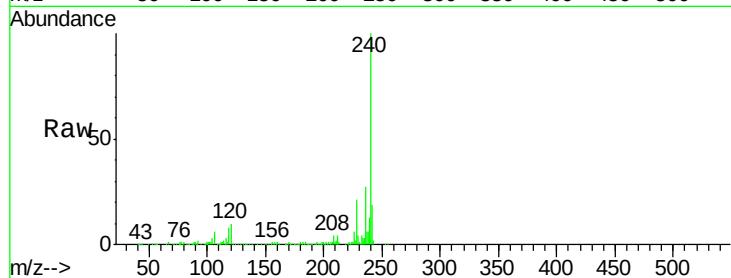
ClientSampleId :

PB89183BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	248155		
120	9.7	13.8	20.8#	
236	26.7	20.6	30.8	

Manual Integrations
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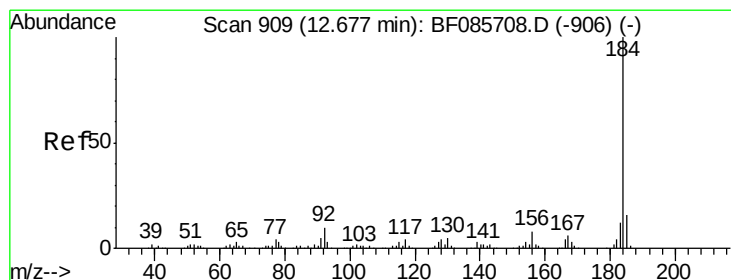
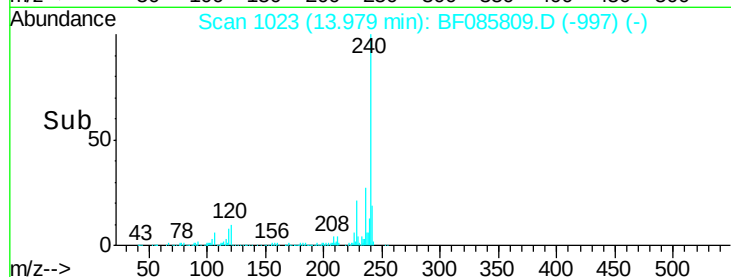
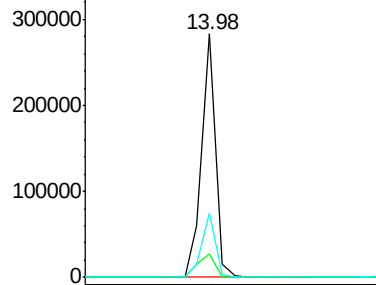
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 21.09 ng

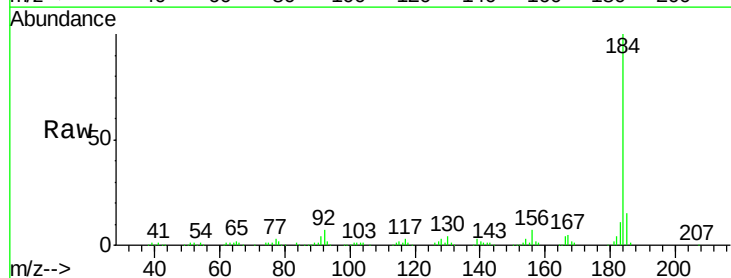
RT: 12.68 min Scan# 909

Delta R.T. -0.00 min

Lab File: BF085809.D

Acq: 28 Mar 2016 18:50

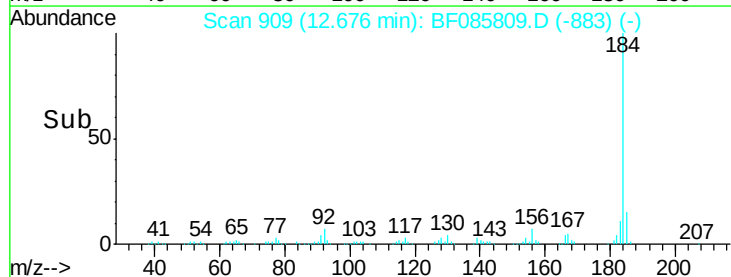
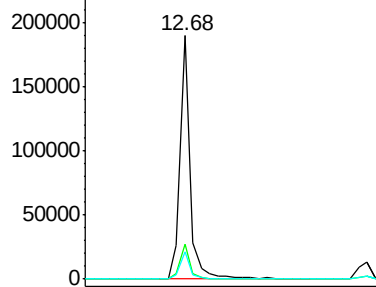
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	184330		
185	14.5	12.4	18.6	
183	11.2	9.4	14.2	

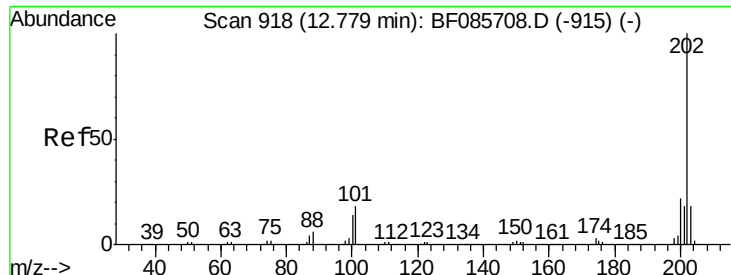


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 39.78 ng

RT: 12.78 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF085809.D

Acq: 28 Mar 2016 18:50

Instrument :

BNA_F

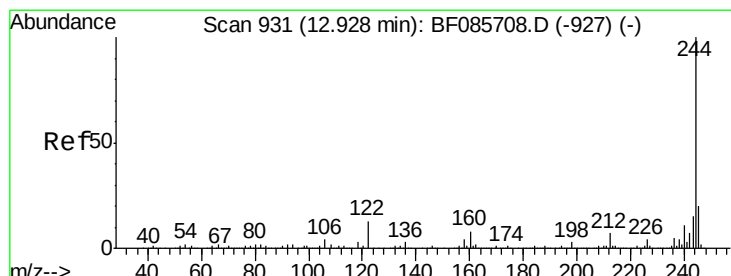
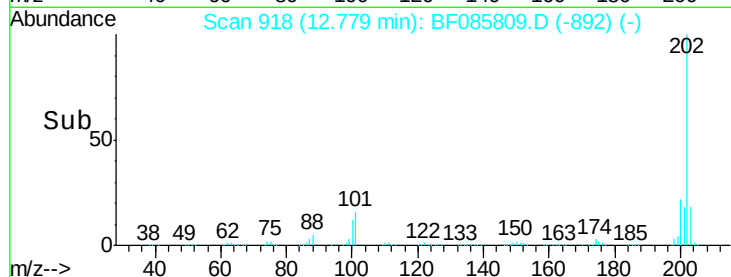
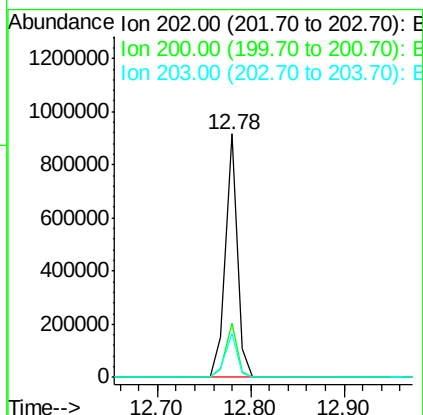
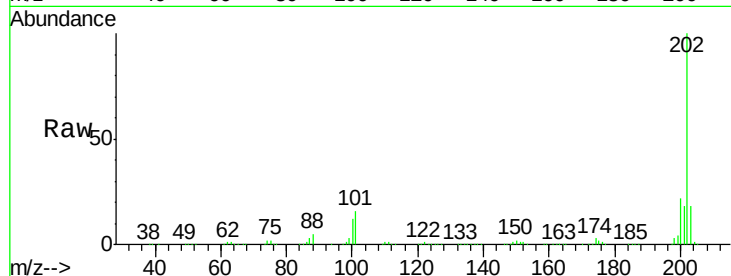
ClientSampleId :

PB89183BS

Tgt Ion:	202	Resp:	811491
Ion Ratio	Lower	Upper	
202	100		
200	22.1	17.6	26.4
203	17.9	14.0	21.0

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#78

Terphenyl-d14

Concen: 90.06 ng

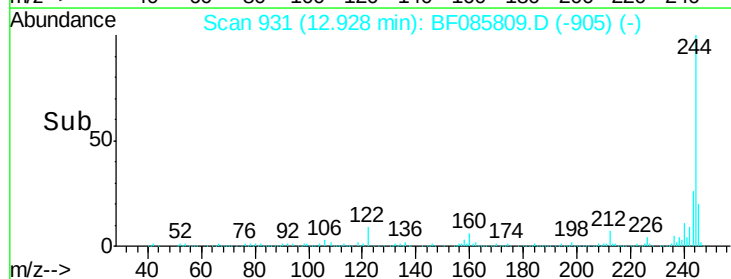
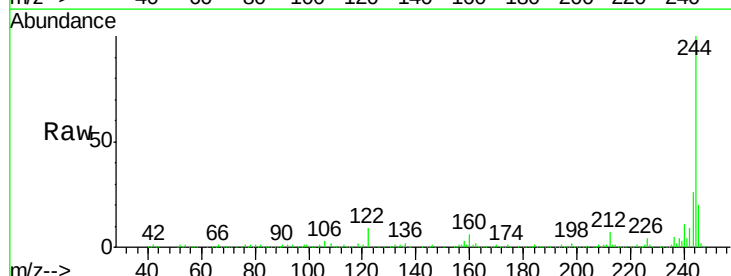
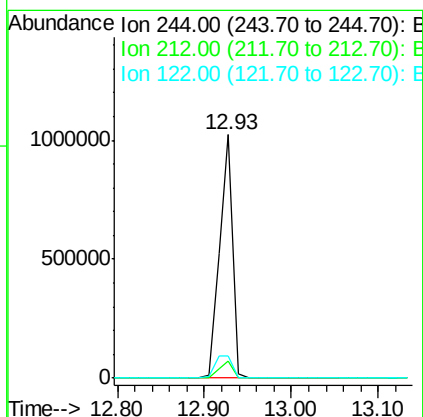
RT: 12.93 min Scan# 931

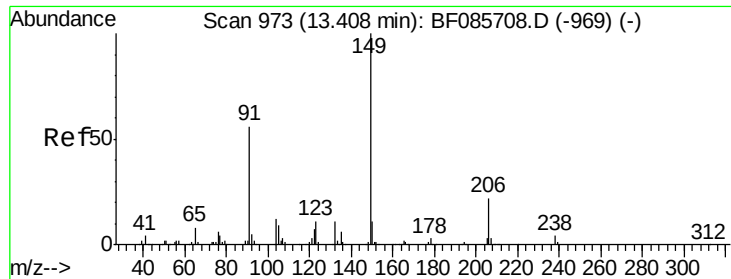
Delta R.T. -0.00 min

Lab File: BF085809.D

Acq: 28 Mar 2016 18:50

Tgt Ion:	244	Resp:	1086704
Ion Ratio	Lower	Upper	
244	100		
212	6.9	6.1	9.1
122	9.1	10.2	15.4#





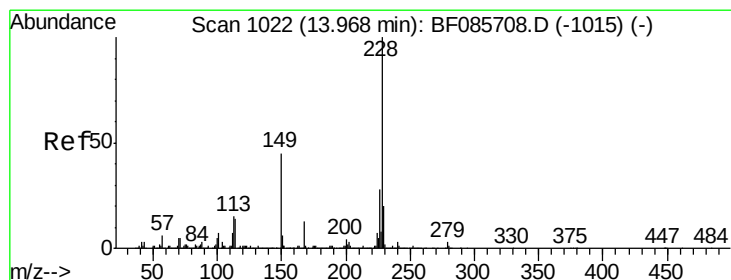
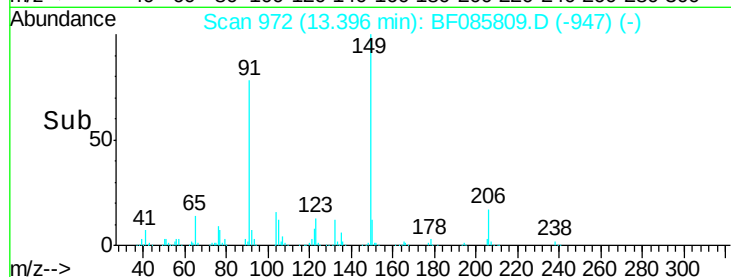
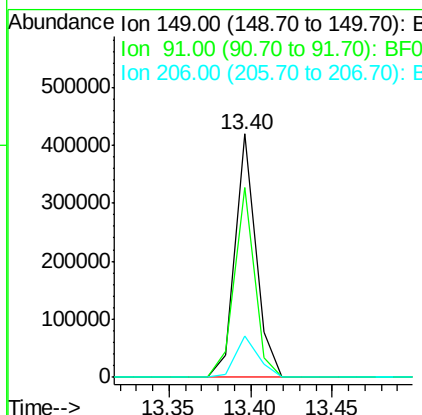
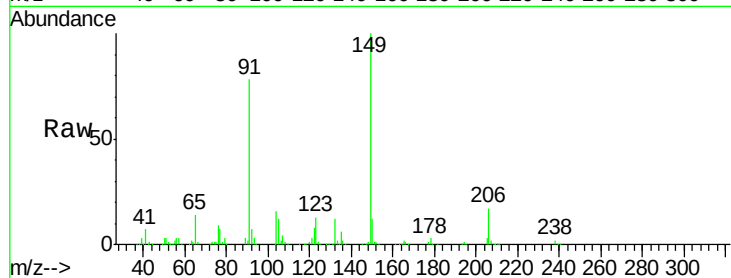
#79
Butylbenzylphthalate
Concen: 43.30 ng
RT: 13.40 min Scan# 972
Delta R.T. -0.01 min
Lab File: BF085809.D
Acq: 28 Mar 2016 18:50

Instrument :
BNA_F
ClientSampleId :
PB89183BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	78.0	45.8	68.8#
206	16.9	17.8	26.8#

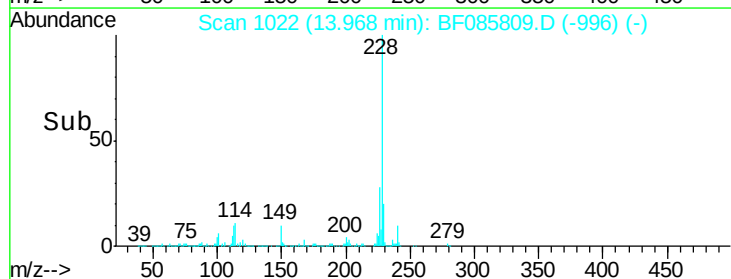
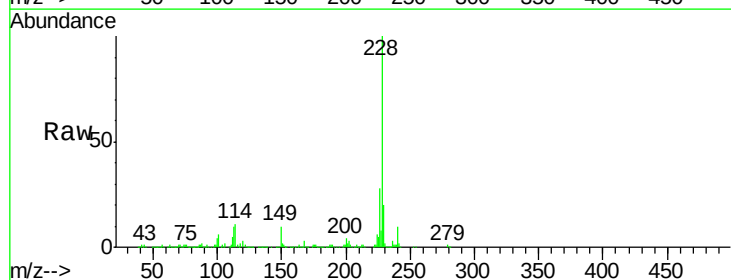
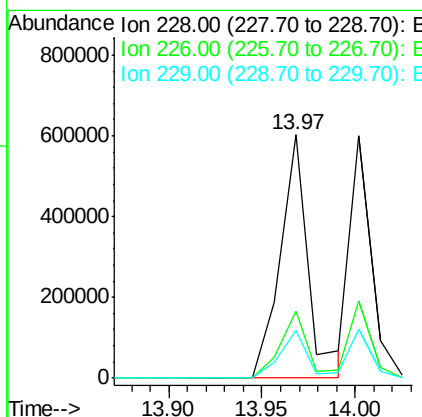
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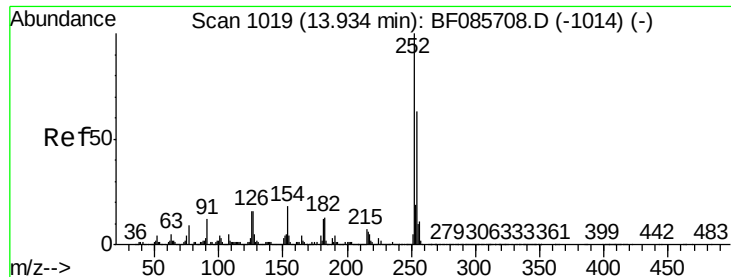
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#80
Benzo(a)anthracene
Concen: 44.67 ng
RT: 13.97 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF085809.D
Acq: 28 Mar 2016 18:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.6	22.1	33.1
229	19.6	16.2	24.4





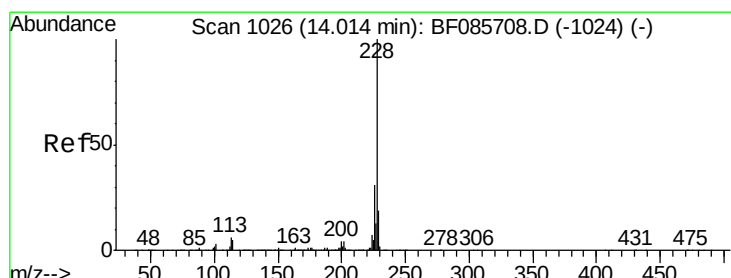
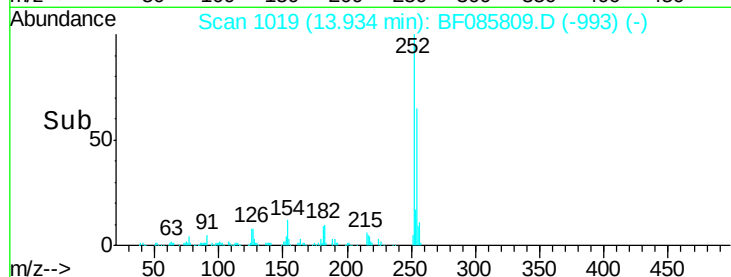
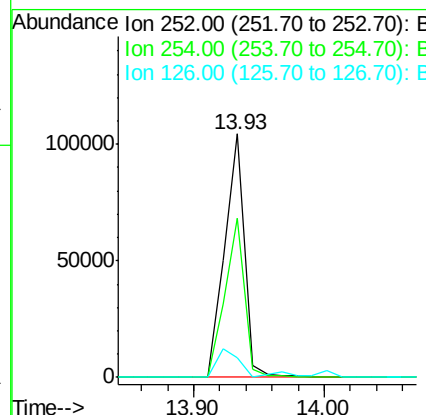
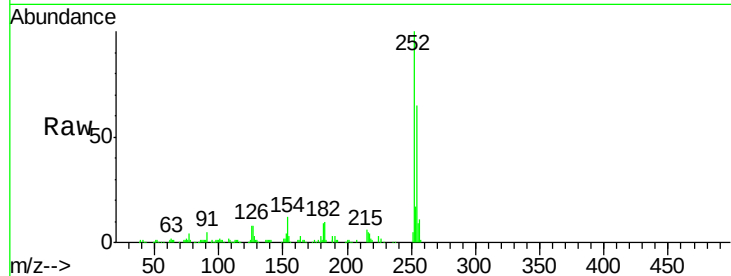
#81
 3,3'-Dichlorobenzidine
 Concen: 11.39 ng
 RT: 13.93 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BF085809.D
 Acq: 28 Mar 2016 18:50

Instrument :
 BNA_F
 ClientSampled :
 PB89183BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	111882		
254	65.1	50.7	76.1	
126	8.0	11.8	17.6	

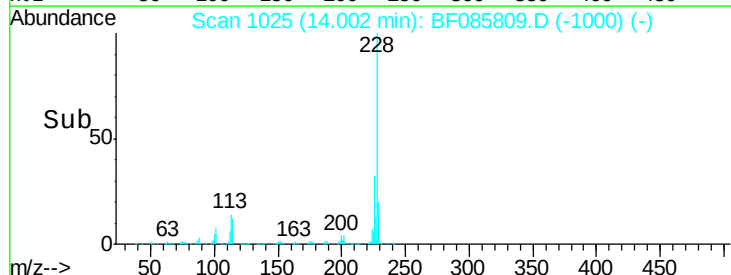
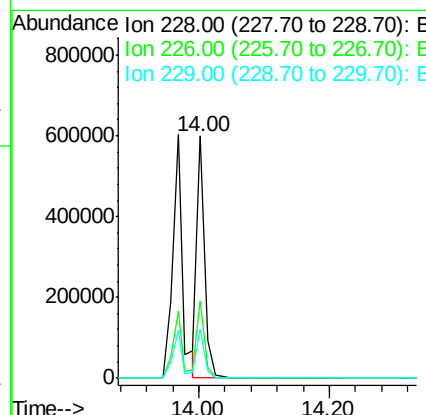
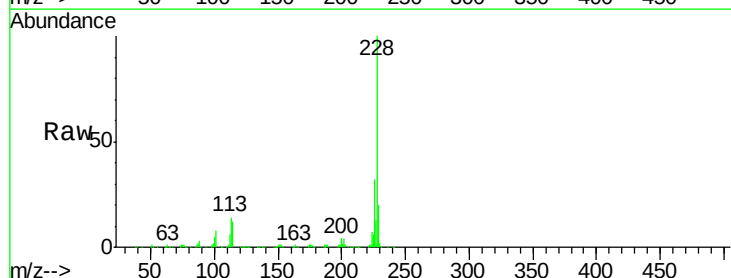
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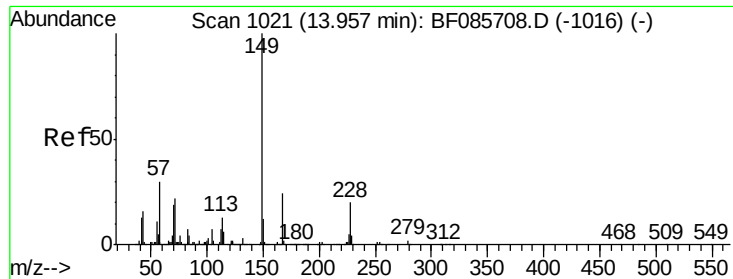
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#82
 Chrysene
 Concen: 34.27 ng
 RT: 14.00 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BF085809.D
 Acq: 28 Mar 2016 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	488375		
226	32.0	25.0	37.6	
229	20.2	15.7	23.5	





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.92 ng

RT: 13.96 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BF085809.D

Acq: 28 Mar 2016 18:50

Instrument :

BNA_F

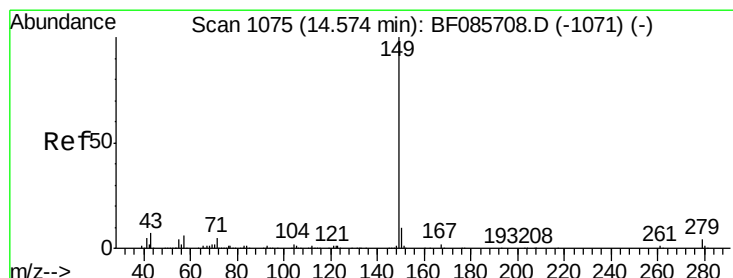
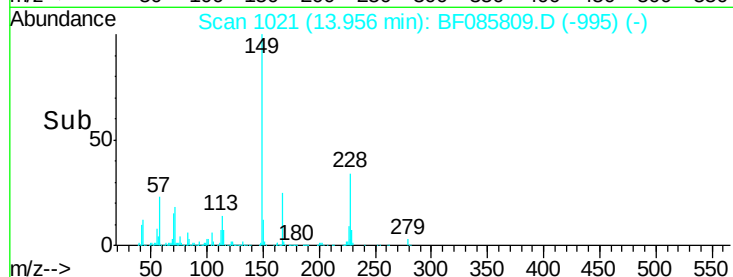
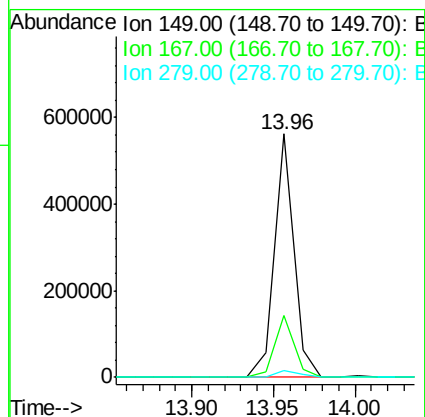
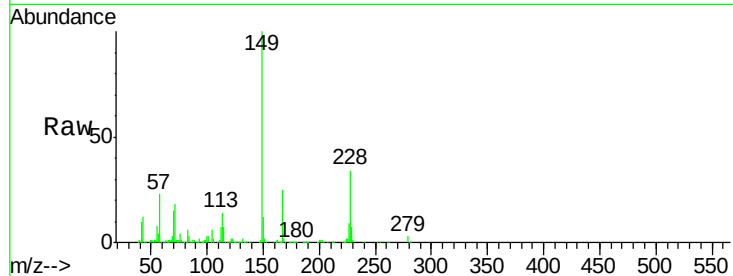
ClientSampleId :

PB89183BS

Tgt Ion:	149	Resp:	469662
Ion Ratio	Lower	Upper	
149	100		
167	25.4	19.4	29.2
279	2.9	1.5	2.3#

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#84

Di-n-octyl phthalate

Concen: 46.39 ng

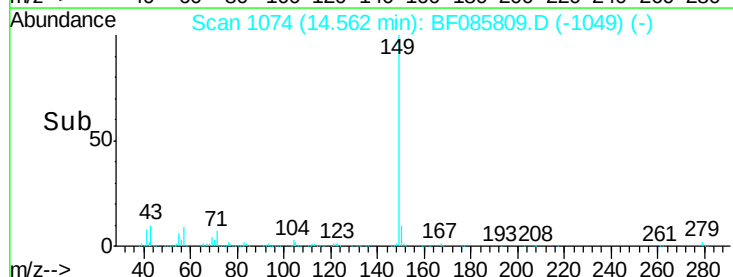
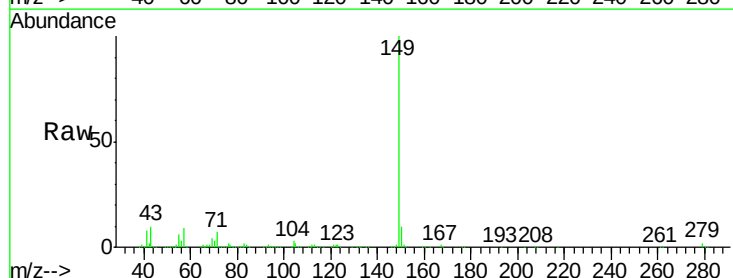
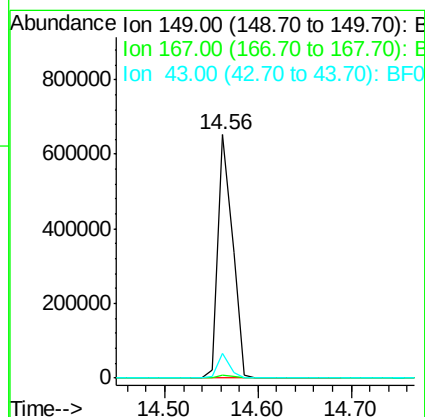
RT: 14.56 min Scan# 1074

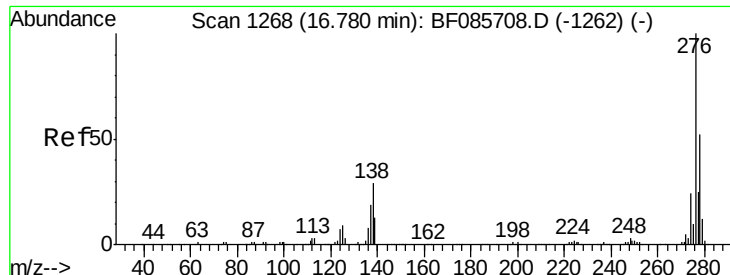
Delta R.T. -0.01 min

Lab File: BF085809.D

Acq: 28 Mar 2016 18:50

Tgt Ion:	149	Resp:	705499
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	8.7	7.1	10.7





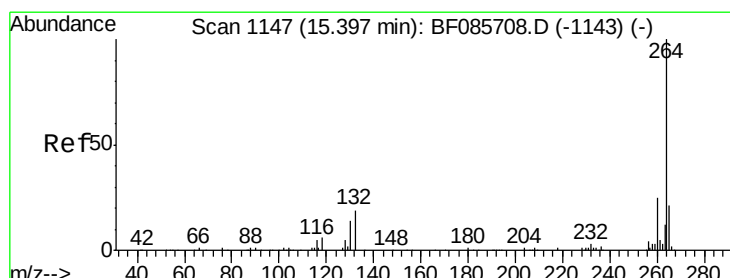
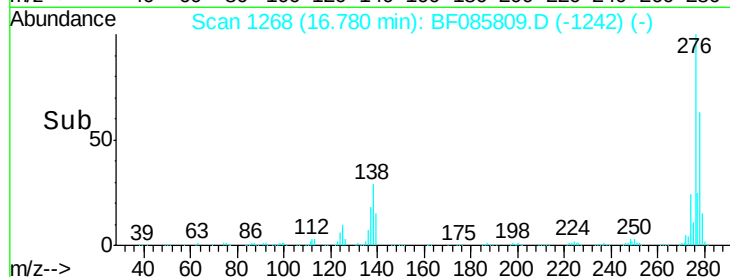
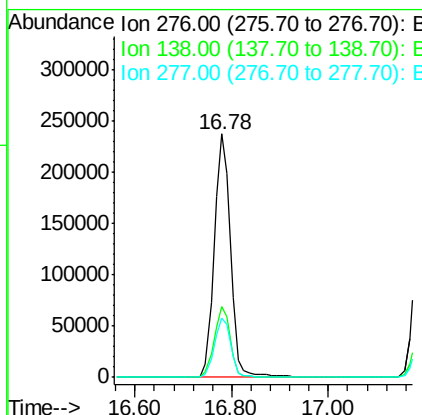
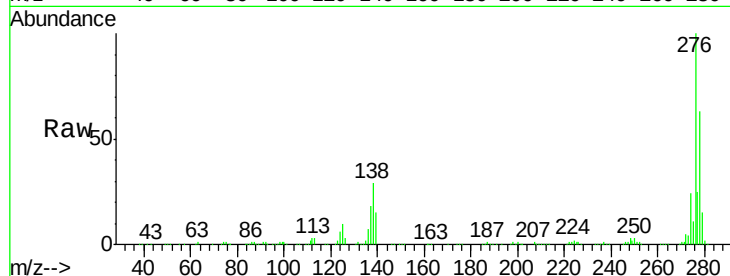
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 51.34 ng
 RT: 16.78 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BF085809.D
 Acq: 28 Mar 2016 18:50

Instrument :
 BNA_F
 ClientSampleId :
 PB89183BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.0	24.2	36.4
277	24.8	20.0	30.0

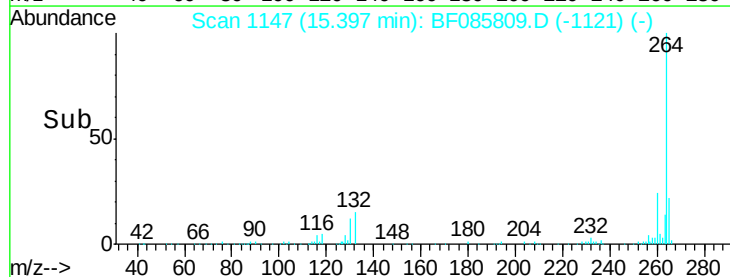
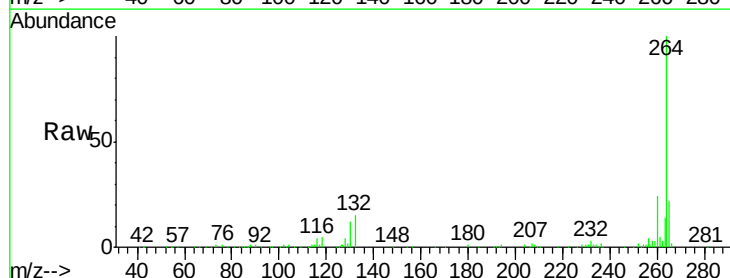
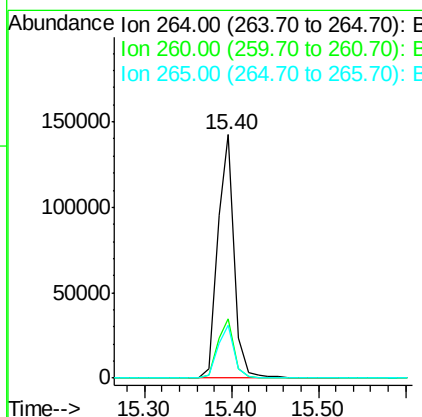
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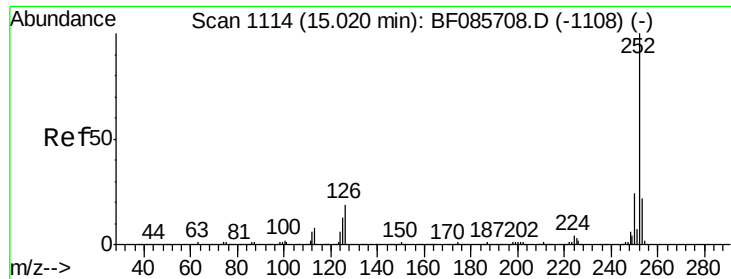
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1147
 Delta R.T. -0.00 min
 Lab File: BF085809.D
 Acq: 28 Mar 2016 18:50

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	21.6	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 48.80 ng m

RT: 14.99 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BF085809.D

Acq: 28 Mar 2016 18:50

Instrument :

BNA_F

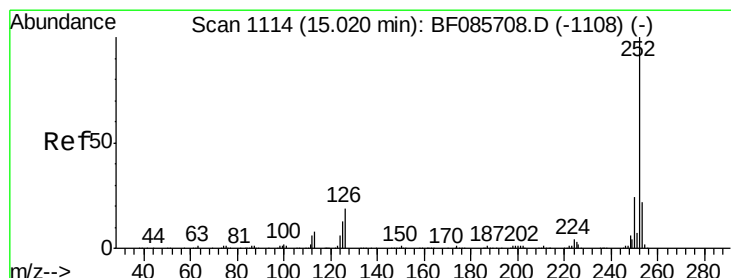
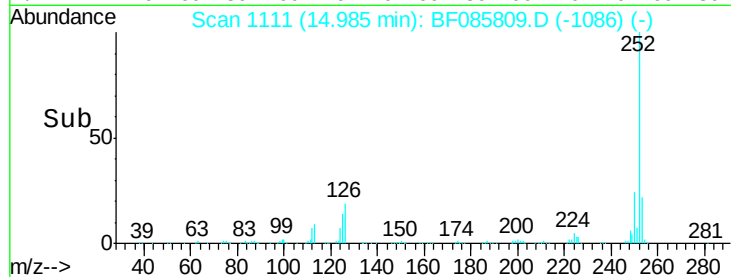
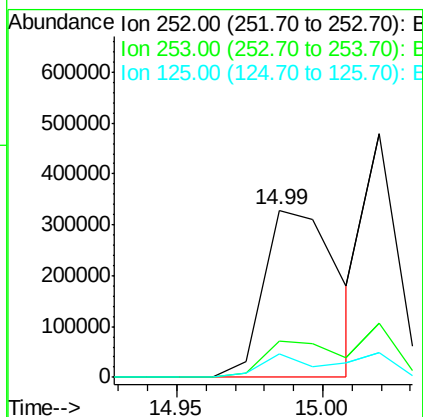
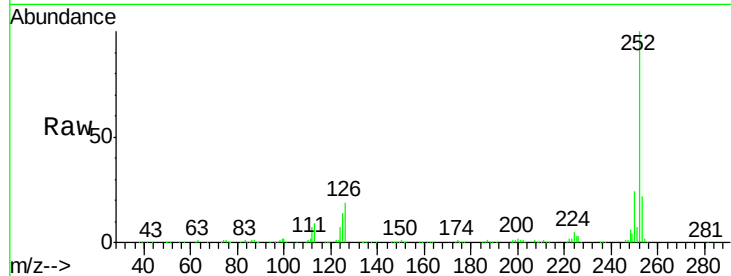
ClientSampleId :

PB89183BS

Tgt Ion:	252	Resp:	581860
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.6	26.4
125	13.9	10.3	15.5

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#88

Benzo(k)fluoranthene

Concen: 35.07 ng m

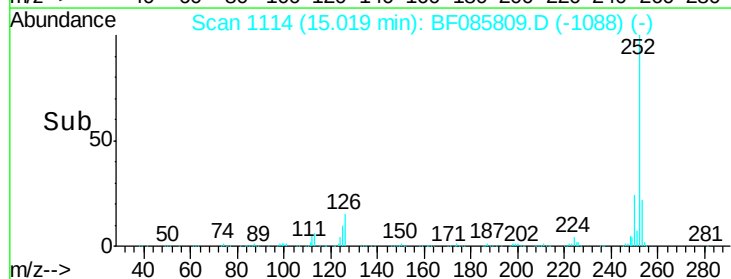
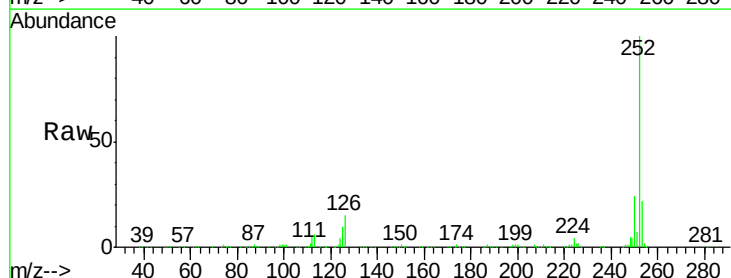
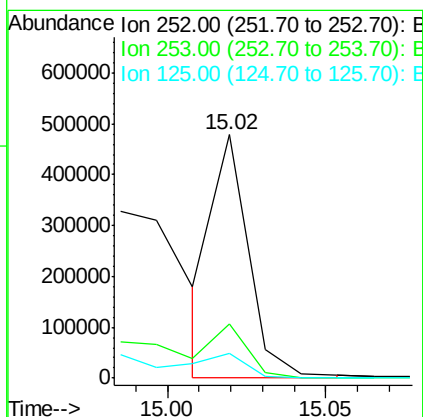
RT: 15.02 min Scan# 1114

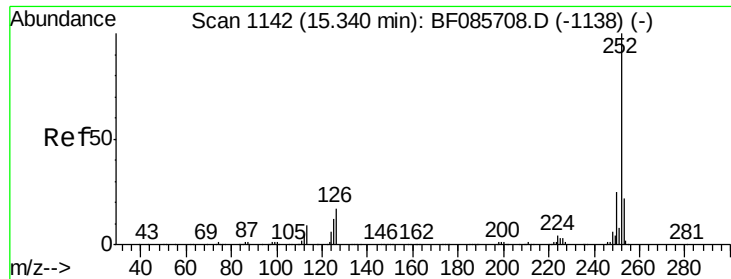
Delta R.T. -0.00 min

Lab File: BF085809.D

Acq: 28 Mar 2016 18:50

Tgt Ion:	252	Resp:	377017
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.8	26.6
125	10.0	7.7	11.5





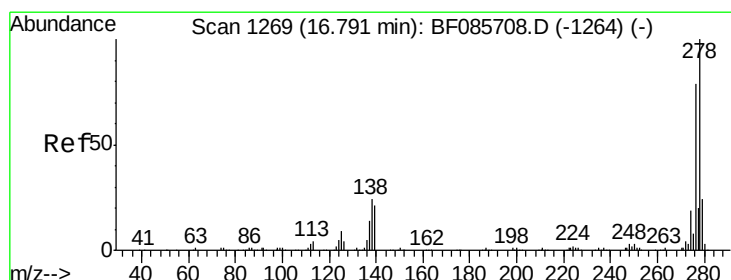
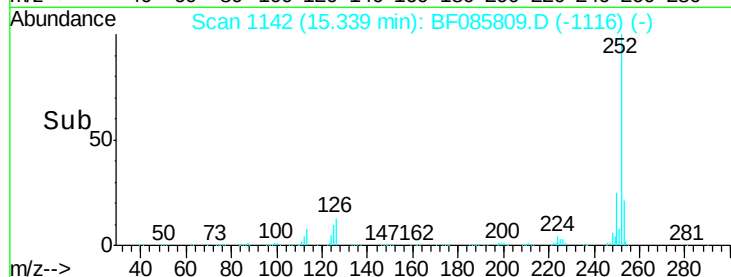
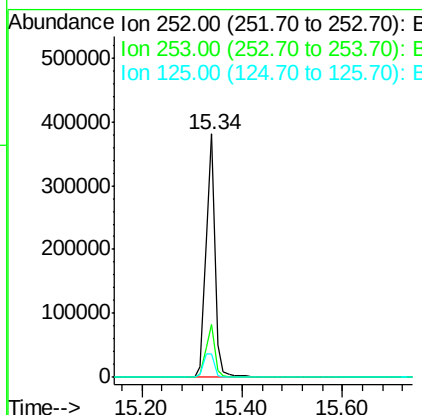
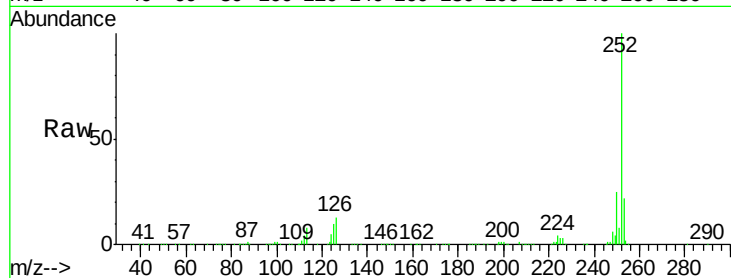
#89
Benzo(a)pyrene
Concen: 44.89 ng
RT: 15.34 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BF085809.D
Acq: 28 Mar 2016 18:50

Instrument :
BNA_F
ClientSampleId :
PB89183BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.4	26.0
125	9.7	10.3	15.5#

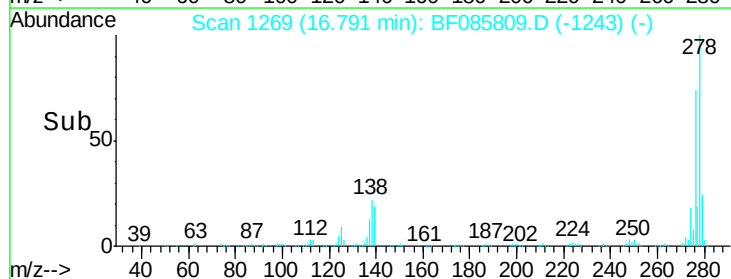
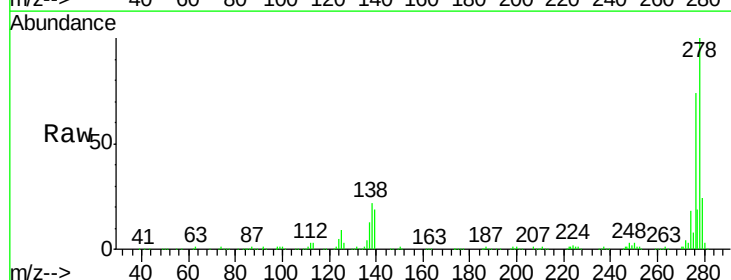
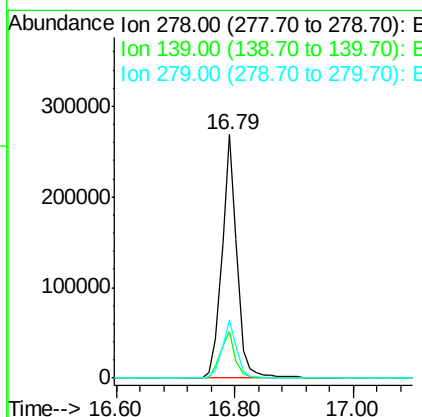
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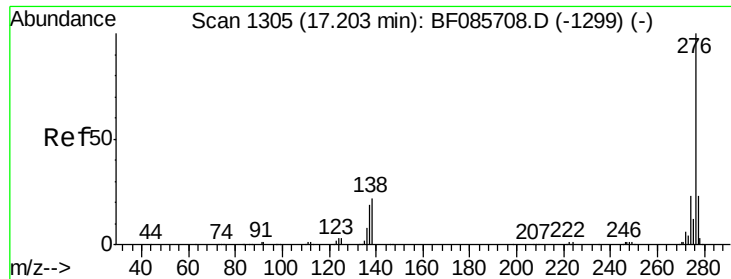
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#90
Dibenzo(a,h)anthracene
Concen: 47.68 ng
RT: 16.79 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BF085809.D
Acq: 28 Mar 2016 18:50

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.1	14.4	21.6
279	23.8	19.1	28.7





#91
 Benzo(g,h,i)perylene
 Concen: 48.64 ng
 RT: 17.20 min Scan# 1305
 Delta R.T. -0.00 min
 Lab File: BF085809.D
 Acq: 28 Mar 2016 18:50

Instrument :
 BNA_F
 ClientSampleId :
 PB89183BS

Tgt Ion:	276	Resp:	484497
Ion Ratio		Lower	Upper
276	100		
277	23.1	18.8	28.2
138	21.6	22.6	34.0

Manual Integrations
 APPROVED

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