

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
 Data File : BF085945.D
 Acq On : 31 Mar 2016 23:41
 Operator : UM/SJ
 Sample : PB89327BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89327BS

Manual Integrations
 APPROVED

Sohil
 4/1/2016 9:46:40 PM

Quant Time: Apr 01 00:42:31 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 30 12:31:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	110256	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	429685	20.00	ng	-0.02
38) Acenaphthene-d10	9.83	164	204309	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	350512	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	197412	20.00	ng	-0.02
86) Perylene-d12	15.36	264	202388	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	684699	103.42	ng	0.00
7) Phenol-d6	6.44	99	837437	99.49	ng	-0.01
23) Nitrobenzene-d5	7.36	82	570234	74.73	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	191579	98.69	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	994806	81.35	ng	-0.01
78) Terphenyl-d14	12.89	244	693948	72.29	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.41	88	93514	29.58	ng	95
3) Pyridine	3.13	79	219419	28.95	ng	99
4) n-Nitrosodimethylamine	3.06	42	109773	36.18	ng	97
6) Aniline	6.46	93	170052	15.01	ng	# 81
8) 2-Chlorophenol	6.57	128	272481	35.42	ng	92
9) Benzaldehyde	6.33	77	135667	26.75	ng	93
10) Phenol	6.45	94	311893	32.71	ng	91
11) bis(2-Chloroethyl)ether	6.53	93	250858	34.18	ng	97
12) 1,3-Dichlorobenzene	6.73	146	279389	33.73	ng	98
13) 1,4-Dichlorobenzene	6.80	146	284694	33.89	ng	99
14) 1,2-Dichlorobenzene	6.96	146	271036	34.62	ng	99
15) Benzyl Alcohol	6.94	79	194791	34.69	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	315624	32.42	ng	91
17) 2-Methylphenol	7.06	107	215570	35.01	ng	# 93
18) Hexachloroethane	7.29	117	102492	33.32	ng	# 79
19) n-Nitroso-di-n-propylamine	7.21	70	186420	36.99	ng	99
20) 3+4-Methylphenols	7.21	107	279591	37.76	ng	# 78
22) Acetophenone	7.20	105	361882	36.15	ng	94
24) Nitrobenzene	7.37	77	263744	33.53	ng	98
25) Isophorone	7.61	82	510612	34.74	ng	99
26) 2-Nitrophenol	7.69	139	136351	34.65	ng	# 87
27) 2,4-Dimethylphenol	7.74	122	247523	35.99	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	329587	39.35	ng	99
29) 2,4-Dichlorophenol	7.94	162	219414	37.95	ng	97
30) 1,2,4-Trichlorobenzene	8.02	180	227500	35.44	ng	94
31) Naphthalene	8.09	128	739086	34.14	ng	100
32) Benzoic acid	7.88	122	146532	32.08	ng	99
33) 4-Chloroaniline	8.16	127	79311	8.97	ng	98
34) Hexachlorobutadiene	8.22	225	118816	34.06	ng	99
35) Caprolactam	8.53	113	70882m	34.61	ng	
36) 4-Chloro-3-methylphenol	8.65	107	230652	34.15	ng	# 87
37) 2-Methylnaphthalene	8.79	142	525106	40.63	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	207760	34.29	ng	100
40) Hexachlorocyclopentadiene	8.94	237	93027	41.80	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	144696	35.36	ng	99
43) 2,4,5-Trichlorophenol	9.12	196	145651	33.94	ng #	95
45) 1,1'-Biphenyl	9.26	154	593650	34.43	ng	94
46) 2-Chloronaphthalene	9.28	162	463139	36.53	ng	98
47) 2-Nitroaniline	9.38	65	143336	36.98	ng	87
48) Acenaphthylene	9.69	152	738952	35.77	ng	99
49) Dimethylphthalate	9.56	163	518253	33.43	ng	99
50) 2,6-Dinitrotoluene	9.62	165	121669	36.47	ng	86
51) Acenaphthene	9.86	154	434141	34.41	ng	100
52) 3-Nitroaniline	9.80	138	60263	15.78	ng	85
53) 2,4-Dinitrophenol	9.91	184	83099	51.61	ng #	73
54) Dibenzofuran	10.04	168	597392	36.58	ng	97
55) 4-Nitrophenol	9.97	139	131438	52.83	ng #	83
56) 2,4-Dinitrotoluene	10.04	165	143026	33.73	ng #	74
57) Fluorene	10.38	166	480527	35.40	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	113708	38.12	ng	96
59) Diethylphthalate	10.25	149	498747	32.57	ng	97
60) 4-Chlorophenyl-phenylether	10.37	204	209418	31.55	ng	93
61) 4-Nitroaniline	10.41	138	118885	32.55	ng	95
62) Azobenzene	10.53	77	547985	37.23	ng	96
64) 4,6-Dinitro-2-methylphenol	10.45	198	61782	30.10	ng #	55
65) n-Nitrosodiphenylamine	10.49	169	434582	39.15	ng	99
66) 4-Bromophenyl-phenylether	10.86	248	135531	37.79	ng	95
67) Hexachlorobenzene	10.93	284	138739	36.99	ng #	91
68) Atrazine	11.02	200	117343	31.31	ng	96
69) Pentachlorophenol	11.12	266	111637	60.64	ng	97
70) Phenanthrene	11.34	178	684147	38.01	ng	100
71) Anthracene	11.40	178	685358	36.27	ng	98
72) Carbazole	11.54	167	564955	35.62	ng	99
73) Di-n-butylphthalate	11.88	149	775282	35.62	ng	100
74) Fluoranthene	12.53	202	594372	31.07	ng	91
76) Benzidine	12.65	184	232532	33.45	ng	97
77) Pyrene	12.76	202	593183	36.55	ng	99
79) Butylbenzylphthalate	13.37	149	281414	41.41	ng	94
80) Benzo(a)anthracene	13.95	228	427072	37.94	ng	99
81) 3,3'-Dichlorobenzidine	13.90	252	74306	9.51	ng #	98
82) Chrysene	13.98	228	416969	36.77	ng	100
83) Bis(2-ethylhexyl)phthalate	13.93	149	352094	43.27	ng #	95
84) Di-n-octyl phthalate	14.54	149	572596	47.33	ng	99
85) Indeno(1,2,3-cd)pyrene	16.75	276	467679	53.42	ng	99
87) Benzo(b)fluoranthene	14.96	252	414594m	32.52	ng	
88) Benzo(k)fluoranthene	14.99	252	380013m	33.06	ng	
89) Benzo(a)pyrene	15.31	252	409371	36.16	ng	99
90) Dibenzo(a,h)anthracene	16.75	278	393507	37.41	ng	98
91) Benzo(g,h,i)perylene	17.15	276	381927	35.86	ng	99

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

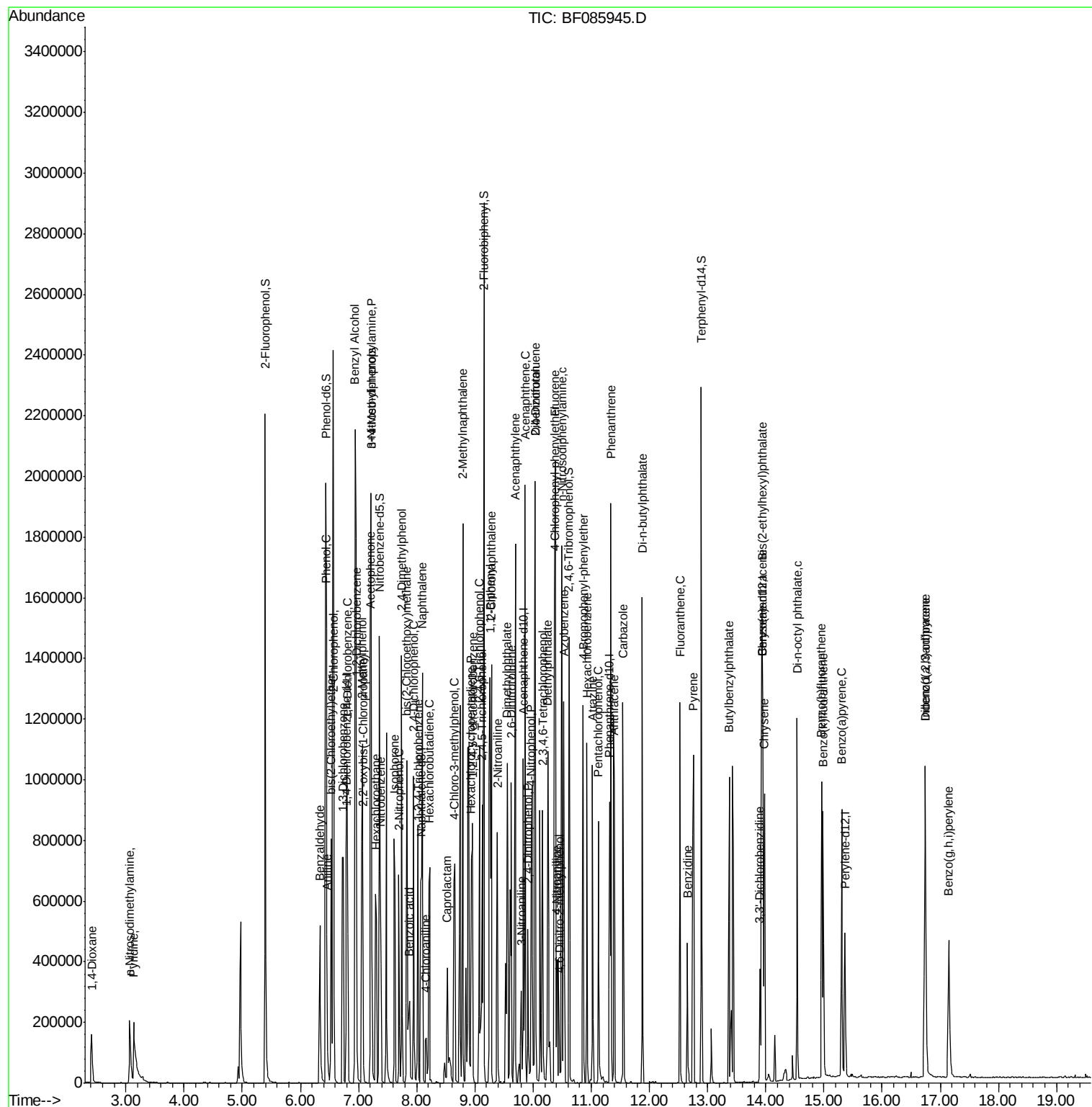
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
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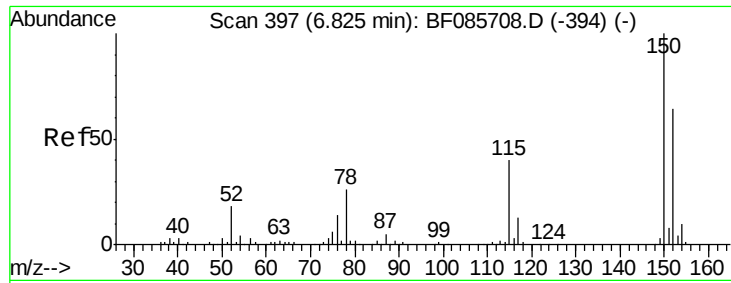
Instrument :
BNA_F
ClientSampleID :
PB89327BS

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.79 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF085945.D

Acq: 31 Mar 2016 23:41

Instrument :

BNA_F

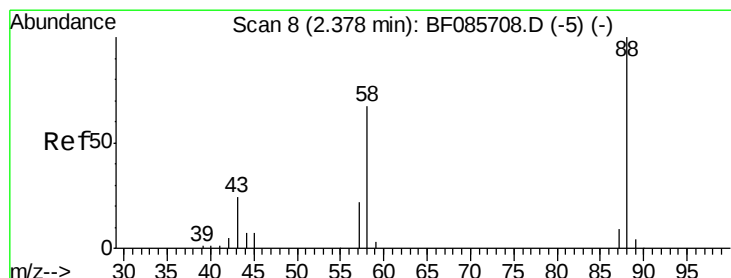
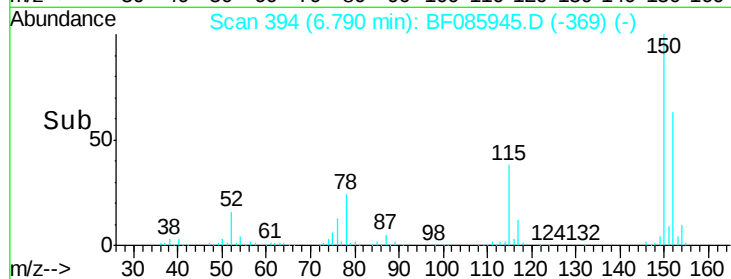
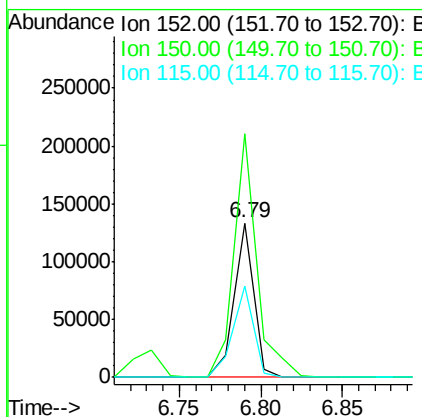
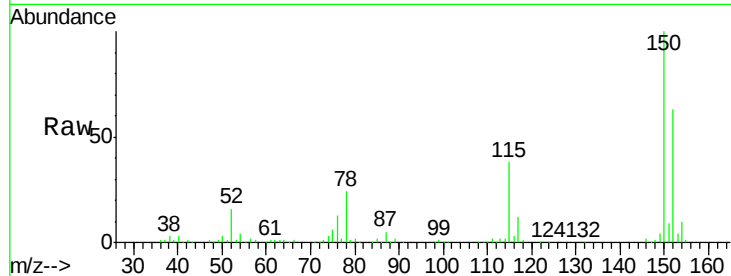
ClientSampleId :

PB89327BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.2	186.2
115	59.6	47.0	70.6

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#2

1,4-Dioxane

Concen: 29.58 ng

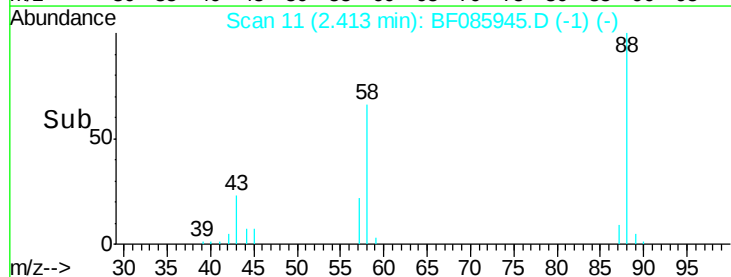
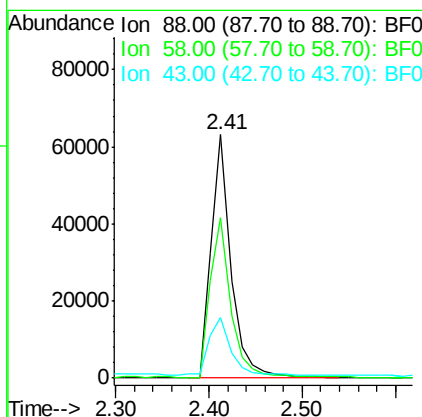
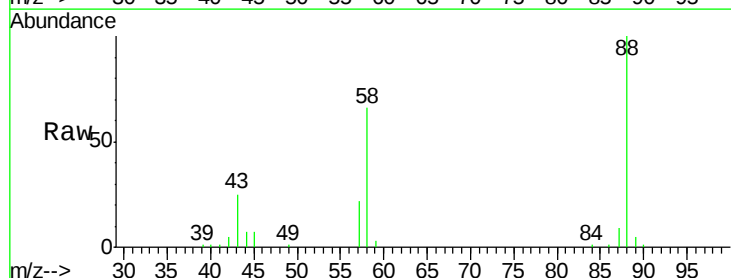
RT: 2.41 min Scan# 11

Delta R.T. 0.08 min

Lab File: BF085945.D

Acq: 31 Mar 2016 23:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.5	54.2	81.2
43	28.1	19.3	28.9





#3

Pyridine

Concen: 28.95 ng

RT: 3.13 min Scan# 74

Delta R.T. 0.08 min

Lab File: BF085945.D

Acq: 31 Mar 2016 23:41

Instrument :

BNA_F

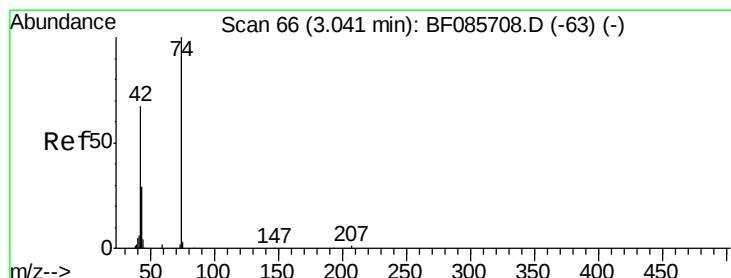
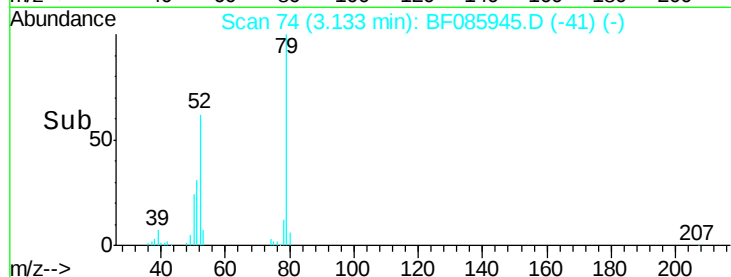
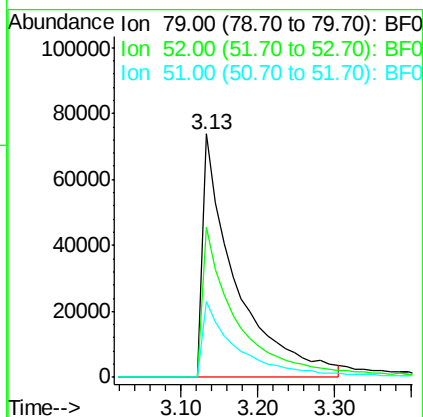
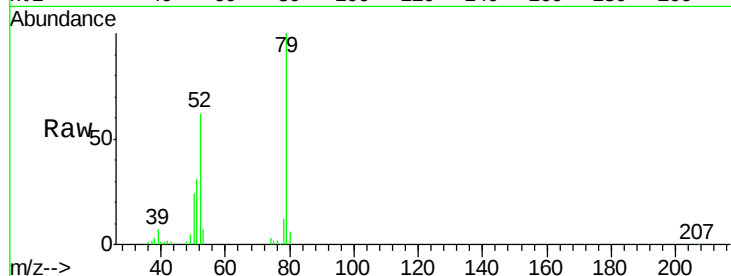
ClientSampleId :

PB89327BS

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Tgt Ion	Ion	Ratio	Lower	Upper
79	100			
52	61.7	49.8	74.6	
51	31.4	24.7	37.1	



#4

n-Nitrosodimethylamine

Concen: 36.18 ng

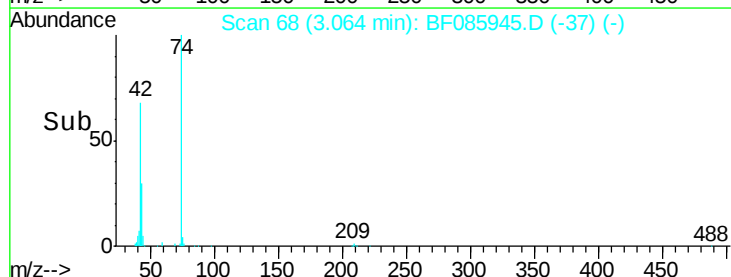
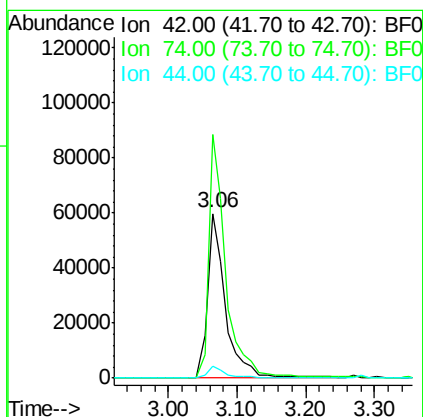
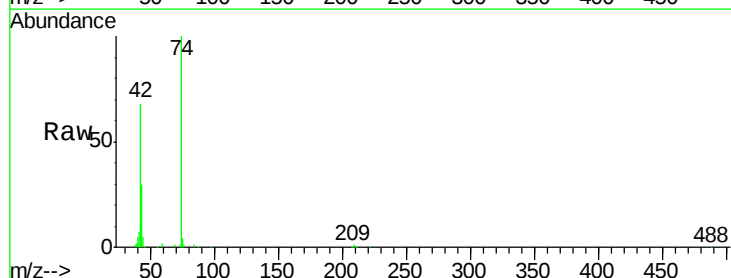
RT: 3.06 min Scan# 68

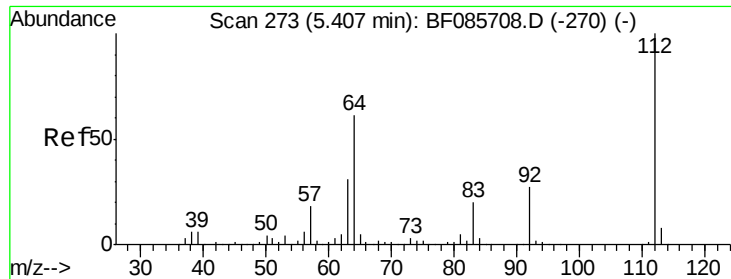
Delta R.T. 0.06 min

Lab File: BF085945.D

Acq: 31 Mar 2016 23:41

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	147.7	121.4	182.2	
44	7.1	5.6	8.4	





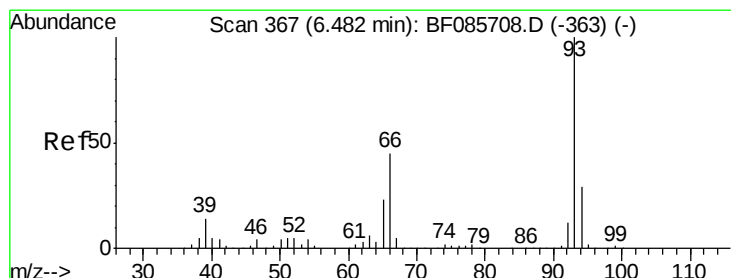
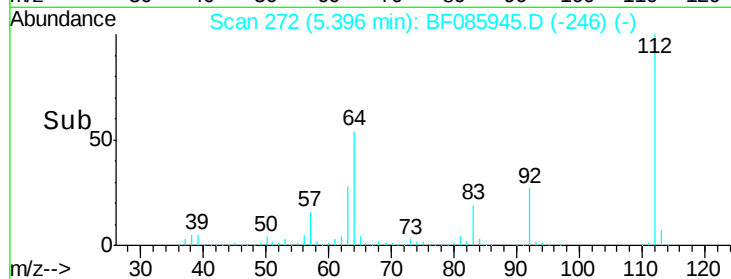
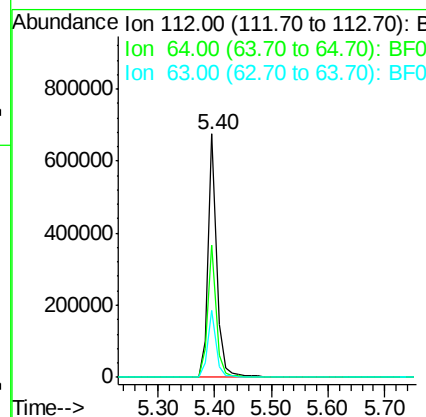
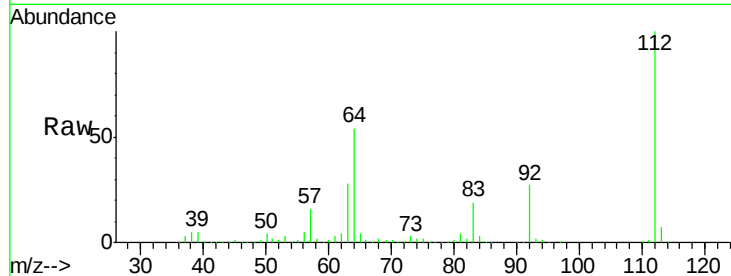
#5
2-Fluorophenol
Concen: 103.42 ng
RT: 5.40 min Scan# 272
Delta R.T. -0.00 min
Lab File: BF085945.D
Acq: 31 Mar 2016 23:41

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Tgt Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	54.3	39.9	59.9
63	27.6	20.2	30.2

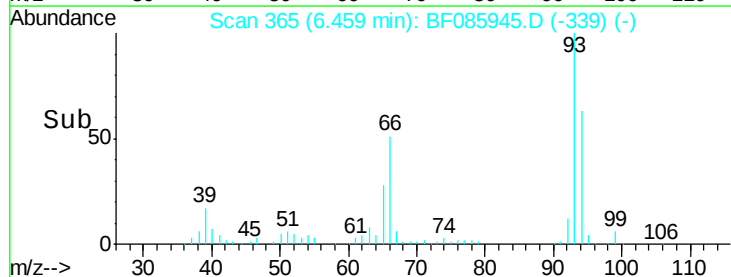
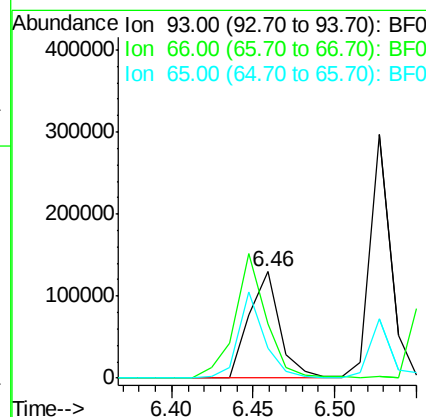
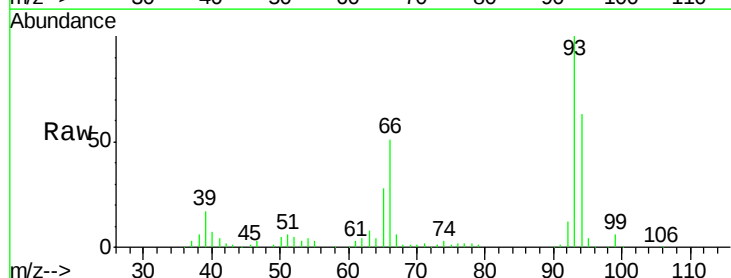
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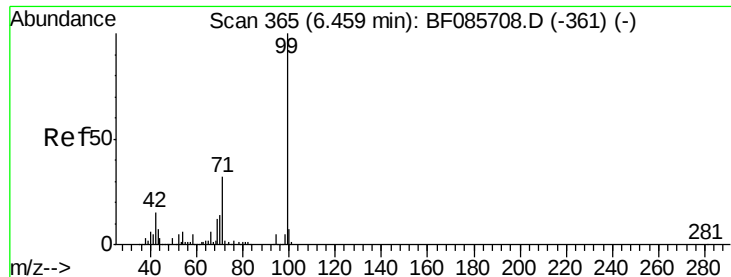
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#6
Aniline
Concen: 15.01 ng
RT: 6.46 min Scan# 365
Delta R.T. -0.00 min
Lab File: BF085945.D
Acq: 31 Mar 2016 23:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	50.6	31.4	47.2#
65	28.5	15.7	23.5#





#7

Phenol-d6

Concen: 99.49 ng

RT: 6.44 min Scan# 363

Delta R.T. -0.01 min

Lab File: BF085945.D

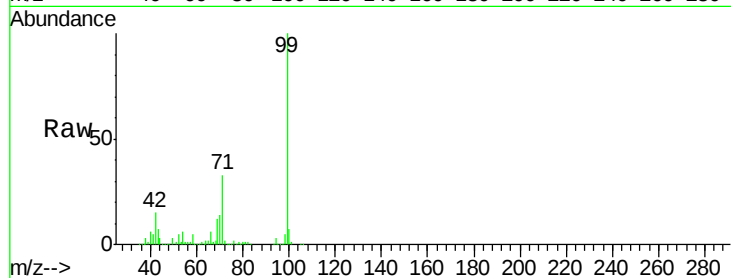
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Instrument :

BNA_F

ClientSampleId :

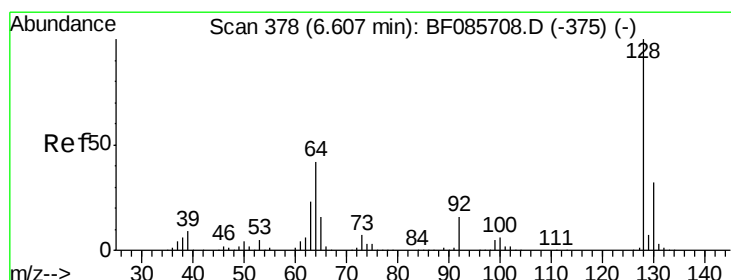
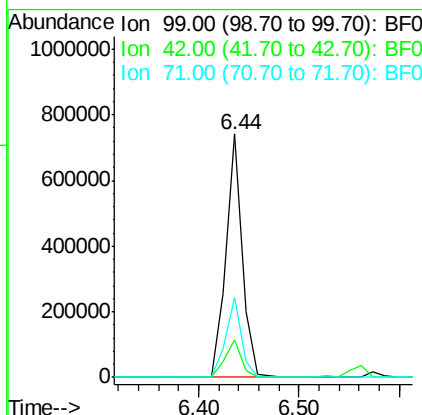
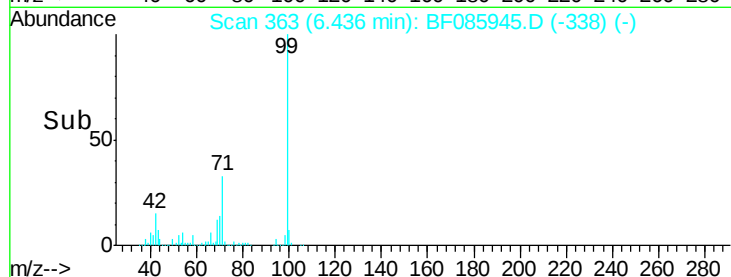
PB89327BS



Tgt Ion:	99	Resp:	837437
Ion Ratio	Lower	Upper	
99	100		
42	15.4	11.1	16.7
71	32.5	24.9	37.3

Manual Integrations
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#8

2-Chlorophenol

Concen: 35.42 ng

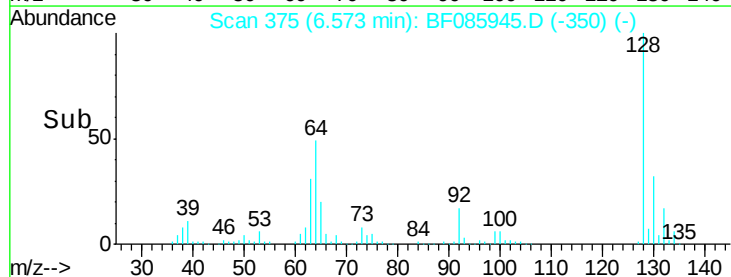
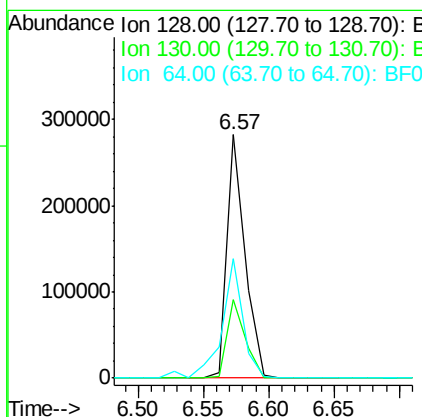
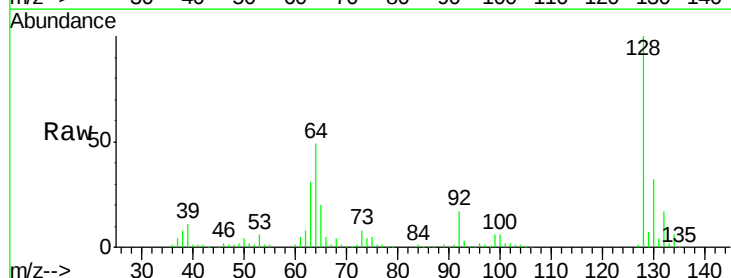
RT: 6.57 min Scan# 375

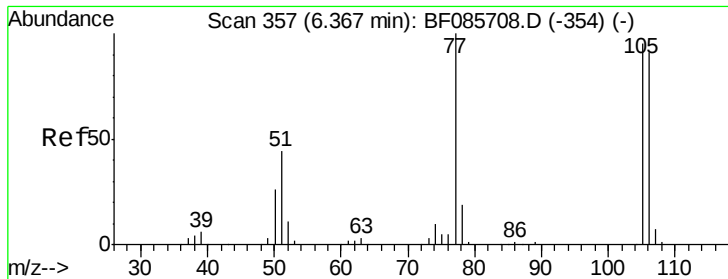
Delta R.T. -0.01 min

Lab File: BF085945.D

Acq: 31 Mar 2016 23:41

Tgt Ion:	128	Resp:	272481
Ion Ratio	Lower	Upper	
128	100		
130	32.4	12.9	52.9
64	48.9	20.2	60.2





#9

Benzaldehyde

Concen: 26.75 ng

RT: 6.33 min Scan# 354

Delta R.T. -0.01 min

Lab File: BF085945.D

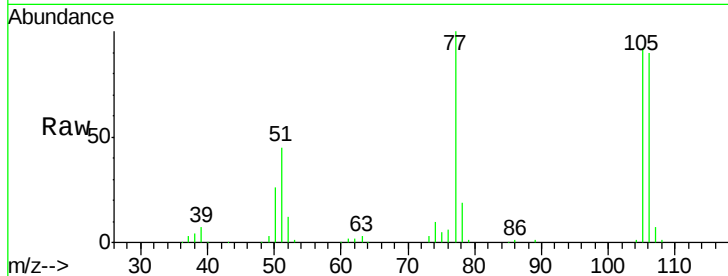
Acq: 31 Mar 2016 23:41

Instrument :

BNA_F

ClientSampleId :

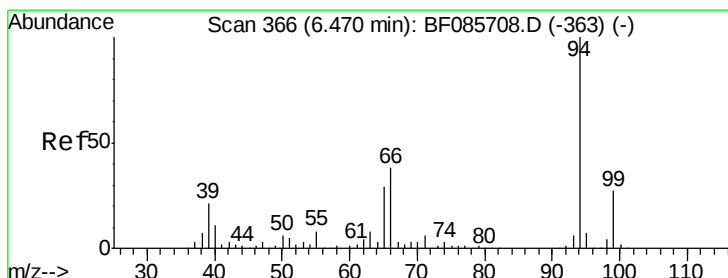
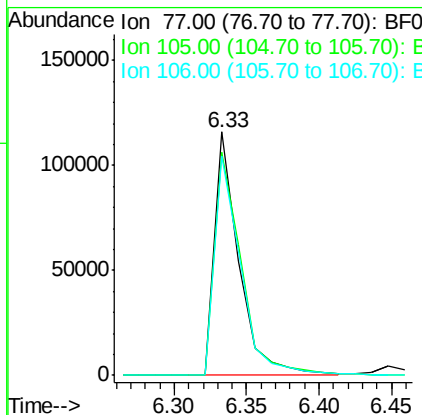
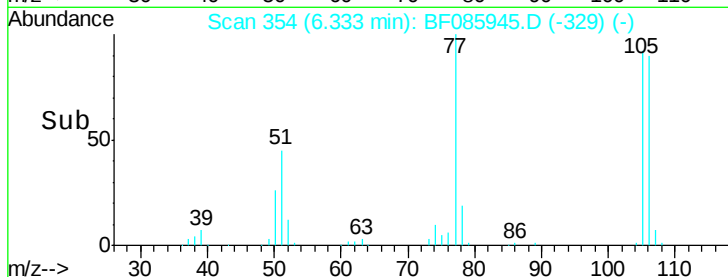
PB89327BS



Tgt Ion:	77	Resp:	135667
Ion	Ratio	Lower	Upper
77	100		
105	91.8	80.1	120.1
106	90.0	75.0	115.0

Manual Integrations
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#10

Phenol

Concen: 32.71 ng

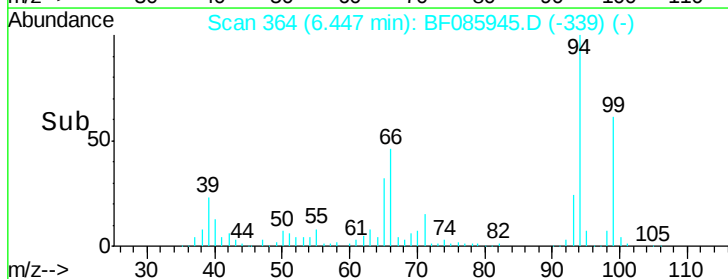
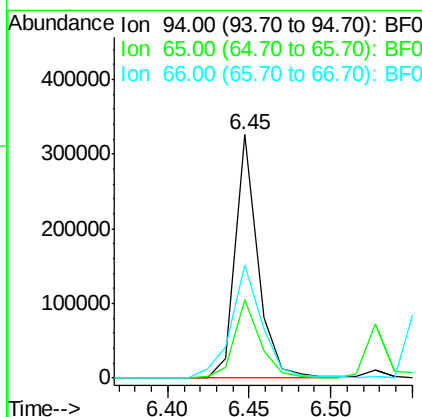
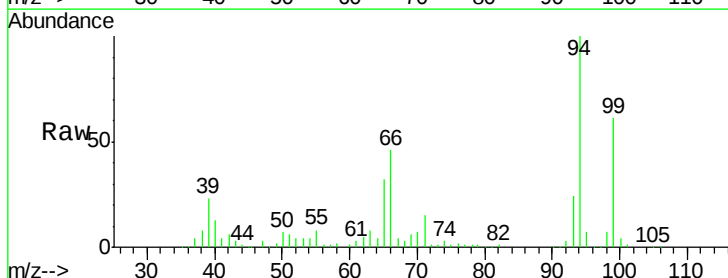
RT: 6.45 min Scan# 364

Delta R.T. -0.01 min

Lab File: BF085945.D

Acq: 31 Mar 2016 23:41

Tgt Ion:	94	Resp:	311893
Ion	Ratio	Lower	Upper
94	100		
65	32.4	8.6	48.6
66	46.3	20.0	60.0





#11

bis(2-Chloroethyl)ether

Concen: 34.18 ng

RT: 6.53 min Scan# 371

Delta R.T. -0.01 min

Lab File: BF085945.D

Acq: 31 Mar 2016 23:41

Instrument :

BNA_F

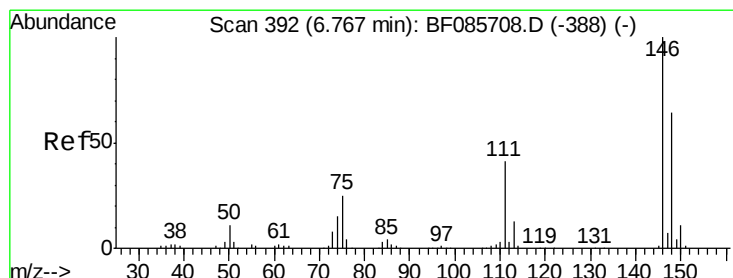
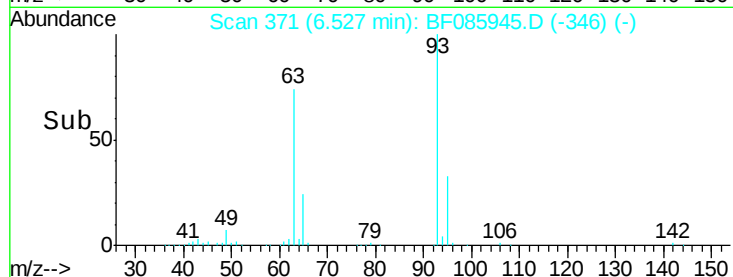
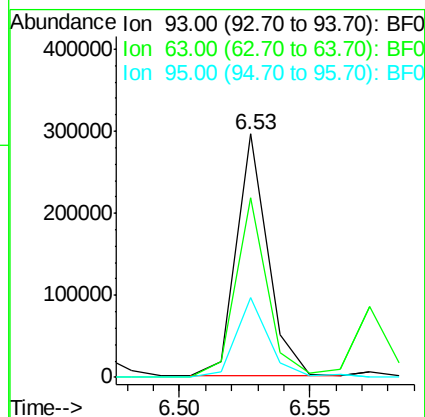
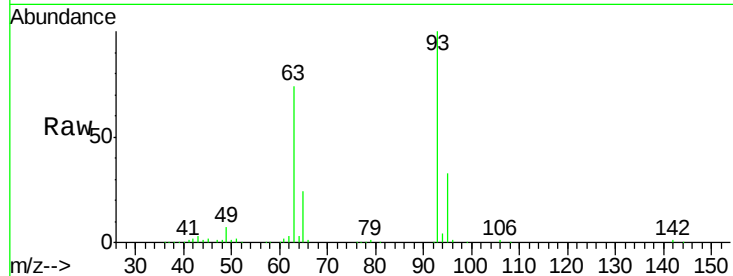
ClientSampleId :

PB89327BS

Tgt Ion:	93	Resp:	250858
Ion Ratio	Lower	Upper	
93	100		
63	73.9	50.9	90.9
95	32.8	13.3	53.3

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 33.73 ng

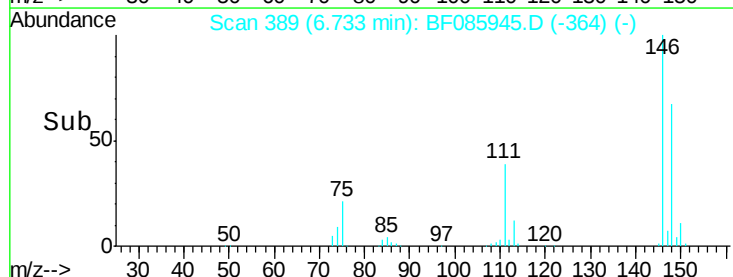
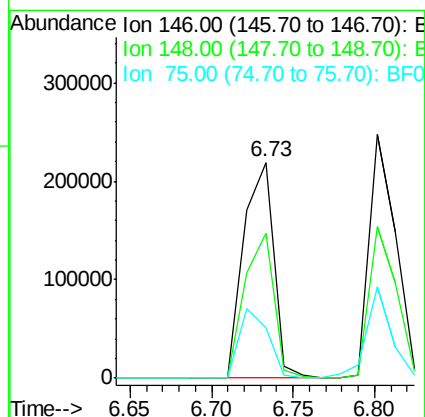
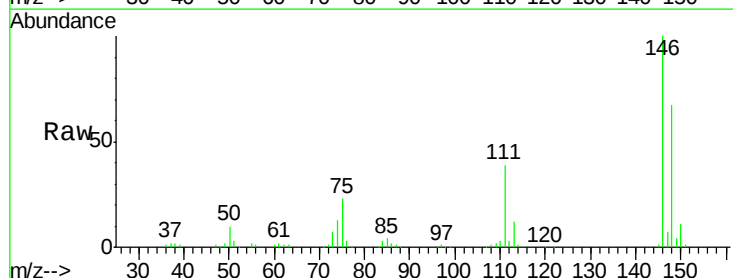
RT: 6.73 min Scan# 389

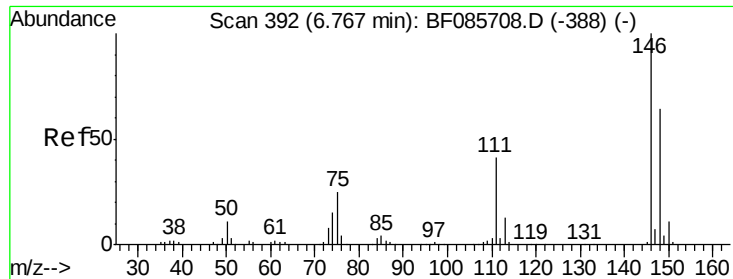
Delta R.T. -0.01 min

Lab File: BF085945.D

Acq: 31 Mar 2016 23:41

Tgt Ion:	146	Resp:	279389
Ion Ratio	Lower	Upper	
146	100		
148	66.9	52.3	78.5
75	23.3	17.4	26.2





#13

1,4-Dichlorobenzene

Concen: 33.89 ng

RT: 6.80 min Scan# 395

Delta R.T. -0.01 min

Lab File: BF085945.D

Acq: 31 Mar 2016 23:41

Instrument :

BNA_F

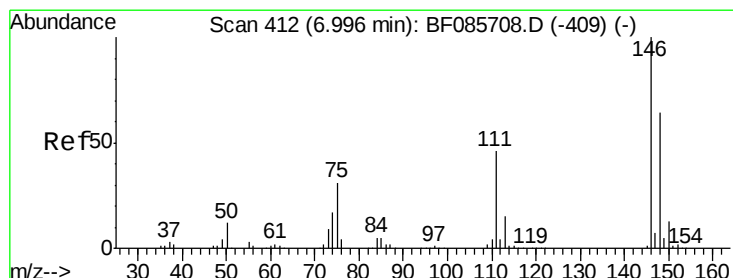
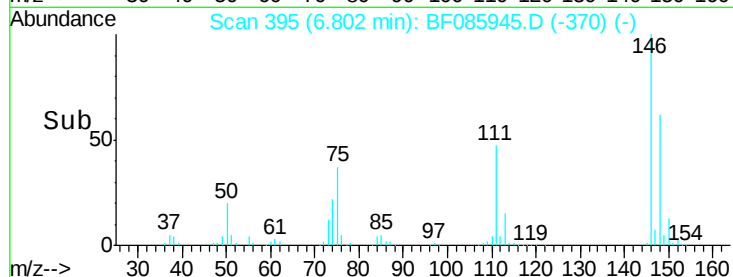
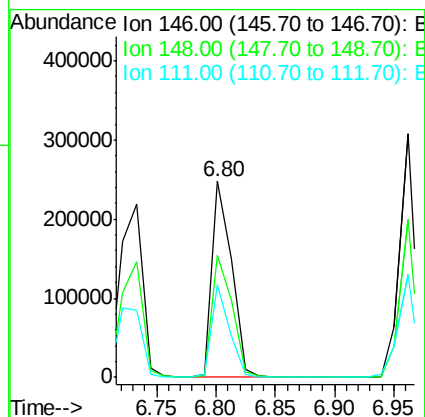
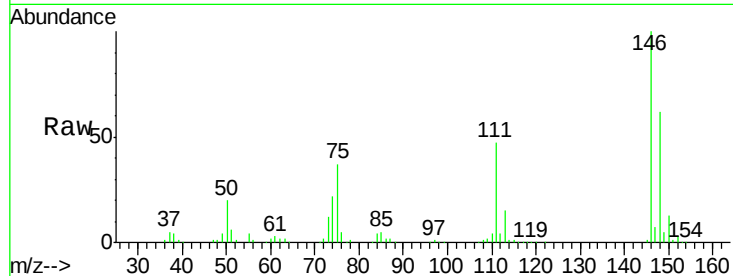
ClientSampleId :

PB89327BS

Tgt Ion:	146	Resp:	284694
Ion Ratio	Lower	Upper	
146	100		
148	62.0	50.6	76.0
111	47.5	37.8	56.6

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 34.62 ng

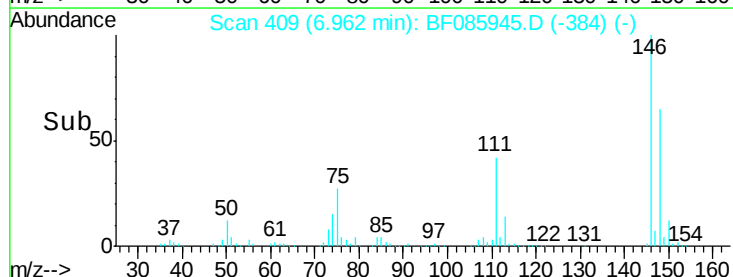
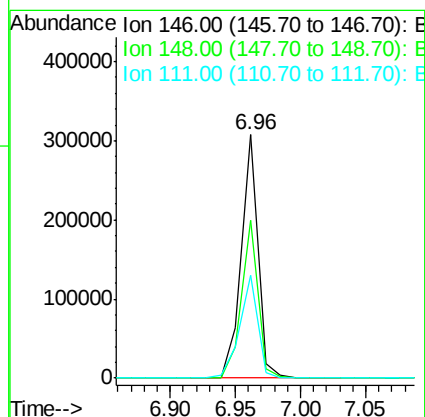
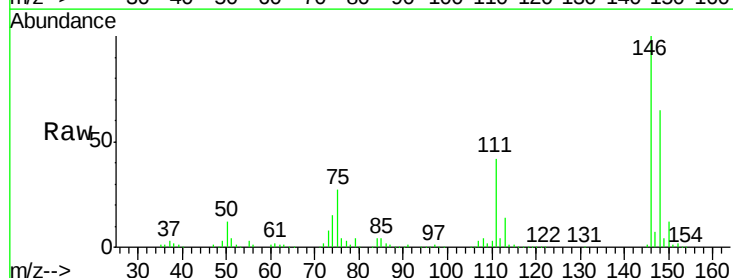
RT: 6.96 min Scan# 409

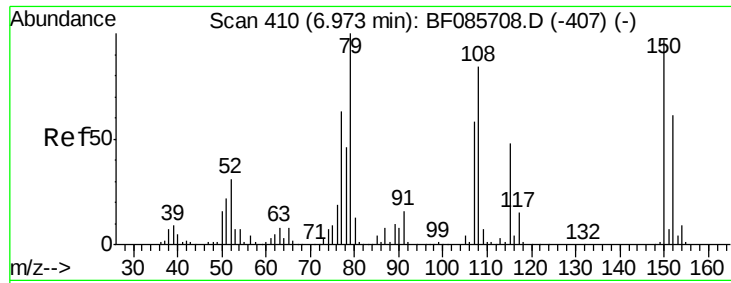
Delta R.T. -0.01 min

Lab File: BF085945.D

Acq: 31 Mar 2016 23:41

Tgt Ion:	146	Resp:	271036
Ion Ratio	Lower	Upper	
146	100		
148	64.8	51.4	77.2
111	42.3	34.6	52.0





#15

Benzyl Alcohol

Concen: 34.69 ng

RT: 6.94 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF085945.D

Acq: 31 Mar 2016 23:41

Instrument :

BNA_F

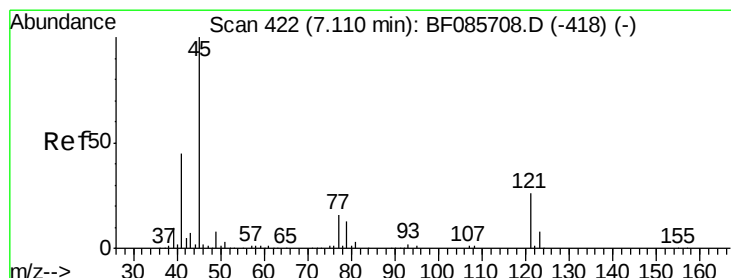
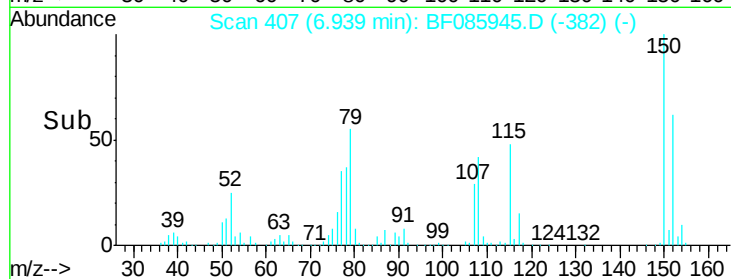
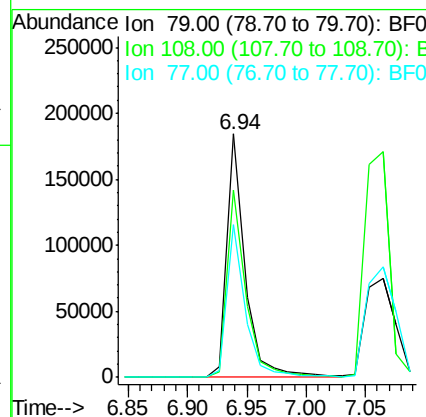
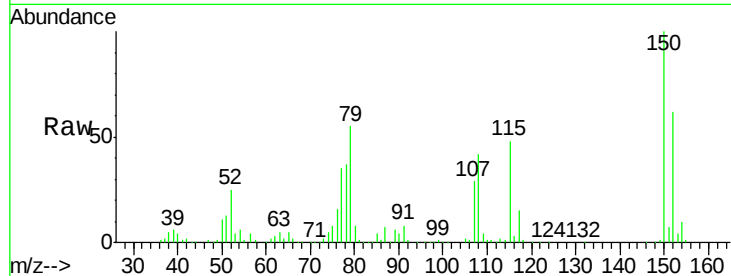
ClientSampleId :

PB89327BS

Tgt Ion:	79	Resp:	194791
Ion Ratio	Lower	Upper	
79	100		
108	77.0	61.8	92.6
77	63.0	49.6	74.4

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.42 ng

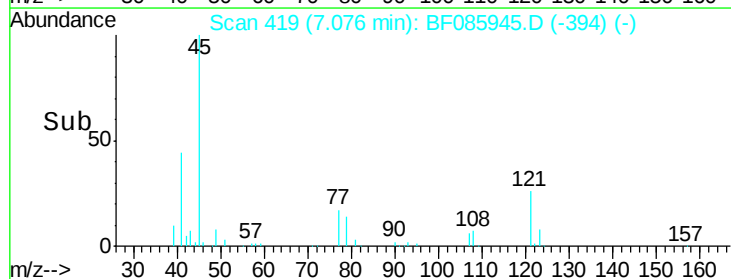
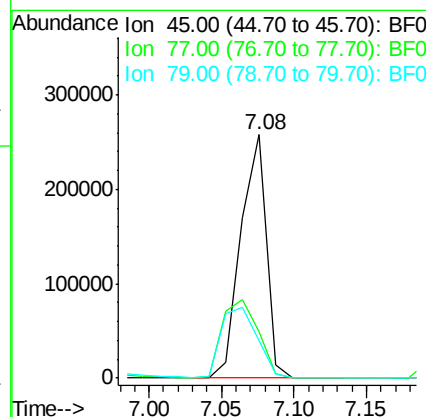
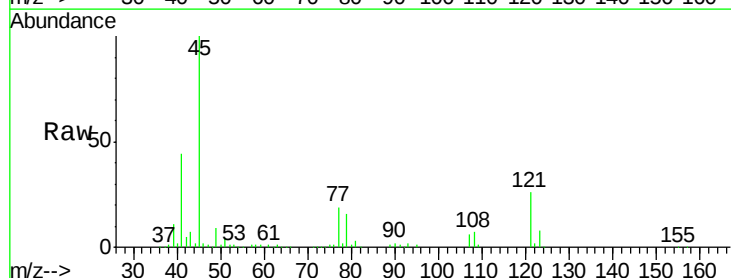
RT: 7.08 min Scan# 419

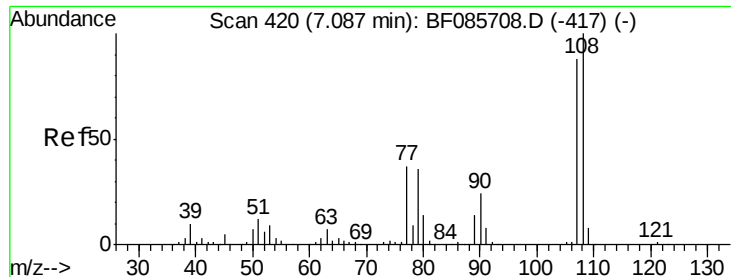
Delta R.T. -0.01 min

Lab File: BF085945.D

Acq: 31 Mar 2016 23:41

Tgt Ion:	45	Resp:	315624
Ion Ratio	Lower	Upper	
45	100		
77	19.4	0.0	35.7
79	15.6	0.0	32.2





#17

2-Methylphenol

Concen: 35.01 ng

RT: 7.06 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF085945.D

Acq: 31 Mar 2016 23:41

Instrument :

BNA_F

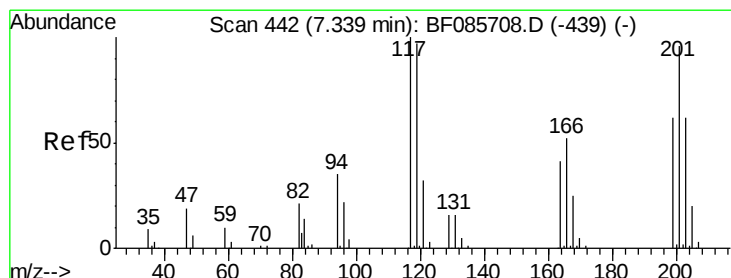
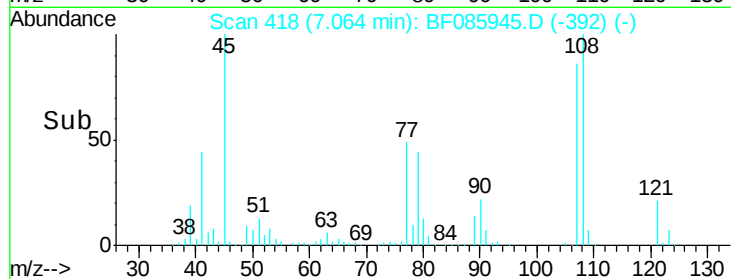
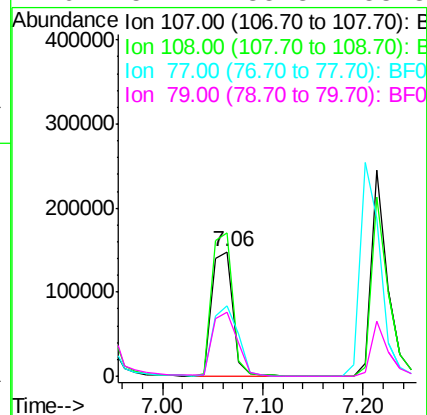
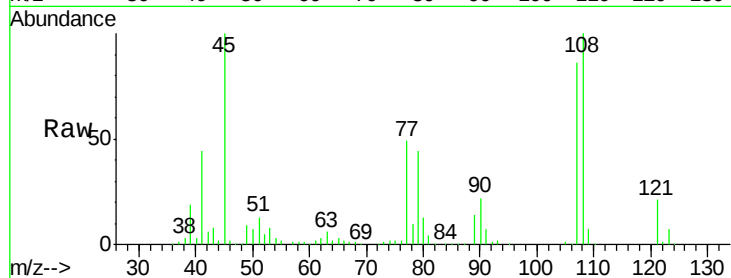
ClientSampleId :

PB89327BS

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Tgt Ion	Ratio	Resp	Lower	Upper
107	100	215570		
108	115.8	91.4	137.0	
77	56.5	36.2	54.2	
79	51.1	35.8	53.8	



#18

Hexachloroethane

Concen: 33.32 ng

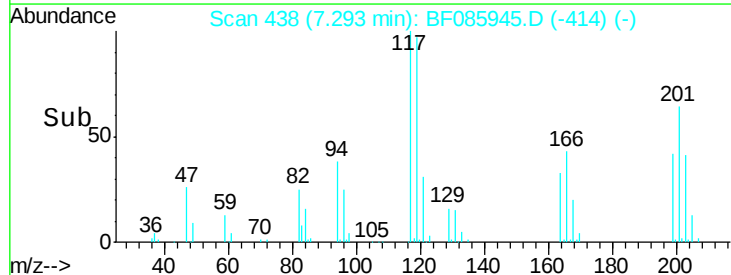
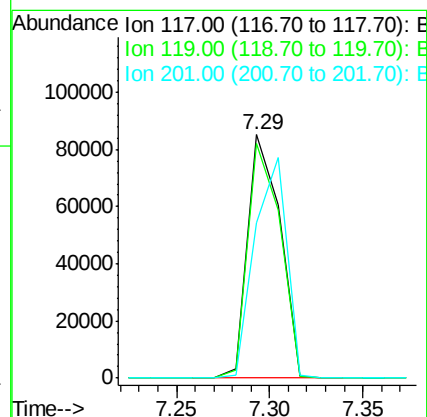
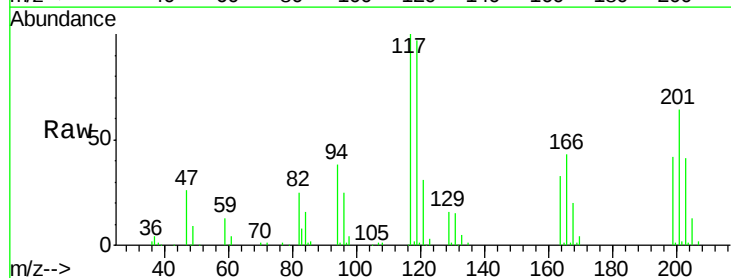
RT: 7.29 min Scan# 438

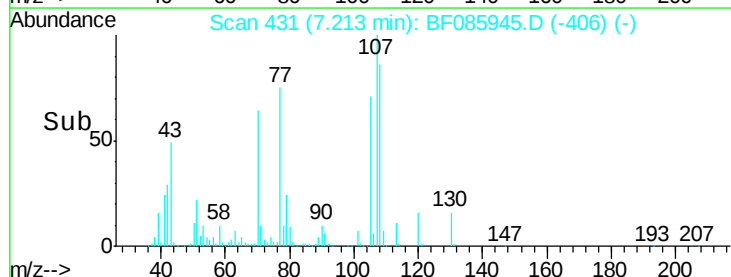
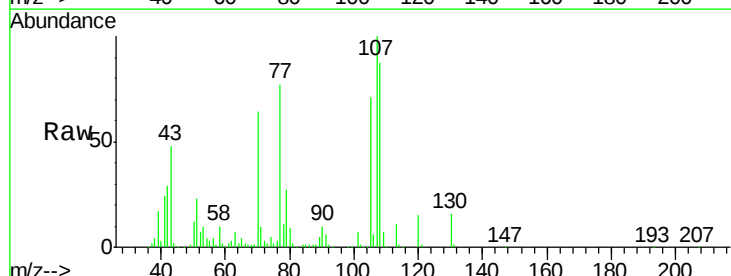
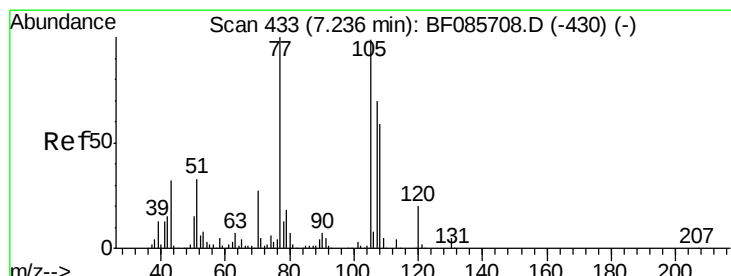
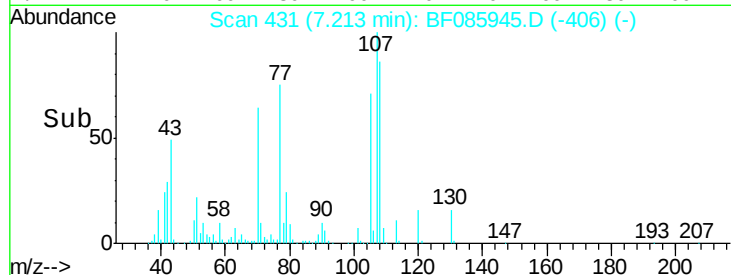
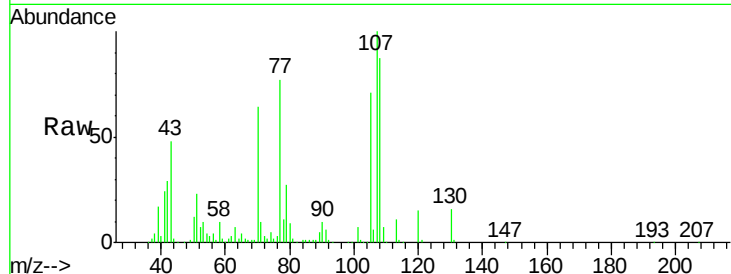
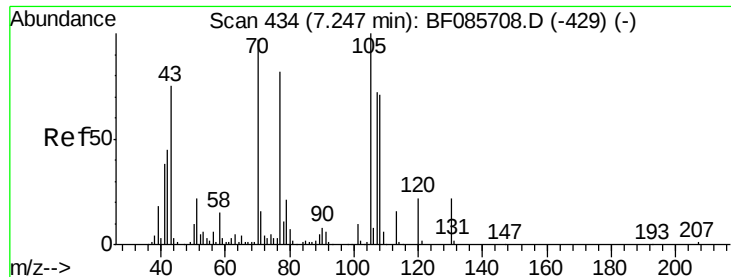
Delta R.T. -0.02 min

Lab File: BF085945.D

Acq: 31 Mar 2016 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	102492		
119	96.6	76.7	115.1	
201	63.8	83.3	124.9	





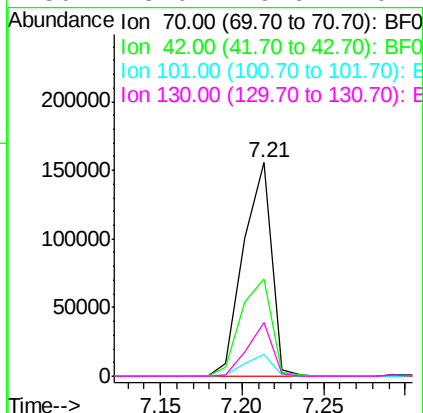
#19
n-Nitroso-di-n-propylamine
Concen: 36.99 ng
RT: 7.21 min Scan# 431
Delta R.T. -0.01 min
Lab File: BF085945.D
Acq: 31 Mar 2016 23:41

Instrument :
BNA_F
ClientSampleId :
PB89327BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	45.4	37.1	55.7
101	10.4	8.6	12.8
130	25.0	19.6	29.4

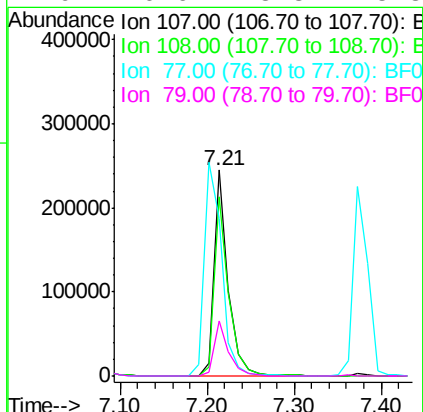
Manual Integrations
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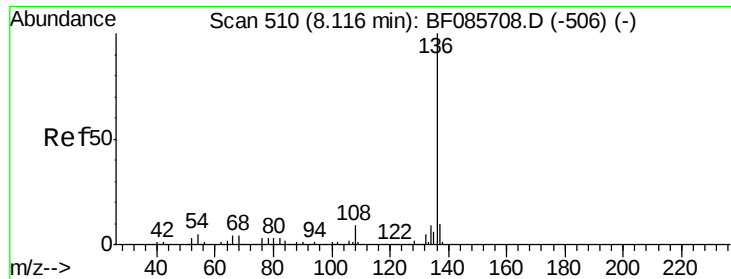
Sohil
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#20
3+4-Methylphenols
Concen: 37.76 ng
RT: 7.21 min Scan# 431
Delta R.T. -0.01 min
Lab File: BF085945.D
Acq: 31 Mar 2016 23:41

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.8	69.3	109.3
77	76.6	101.7	141.7#
79	26.6	8.3	48.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.07 min Scan# 506

Delta R.T. -0.02 min

Lab File: BF085945.D

Acq: 31 Mar 2016 23:41

Instrument :

BNA_F

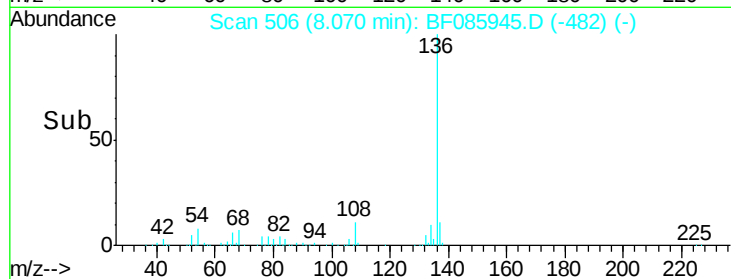
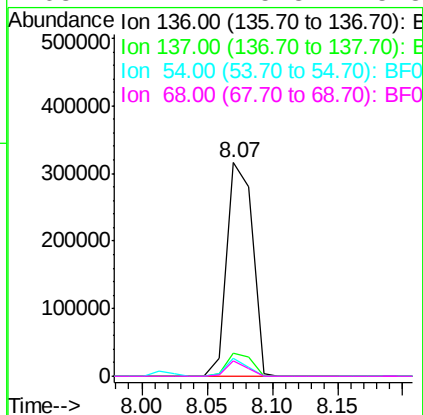
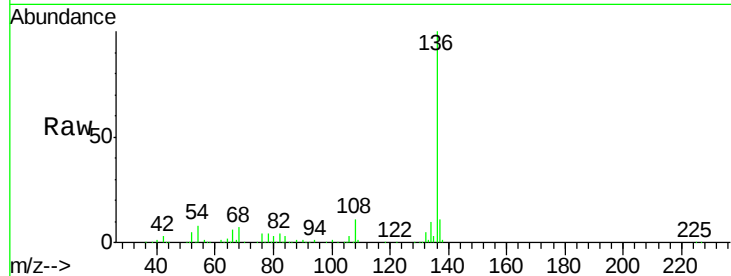
ClientSampleId :

PB89327BS

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Tgt Ion	Ratio	Resp	Lower	Upper
136	100	429685		
137	11.0	9.1	13.7	
54	8.4	7.4	11.0	
68	7.1	5.8	8.8	



#22

Acetophenone

Concen: 36.15 ng

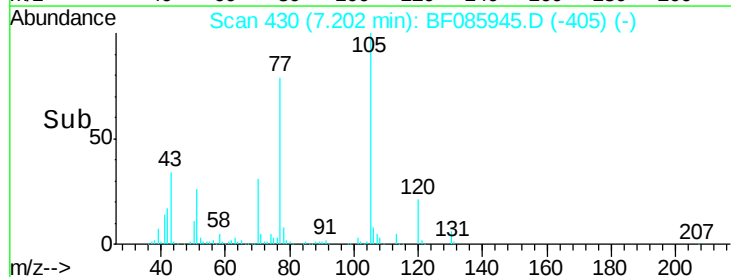
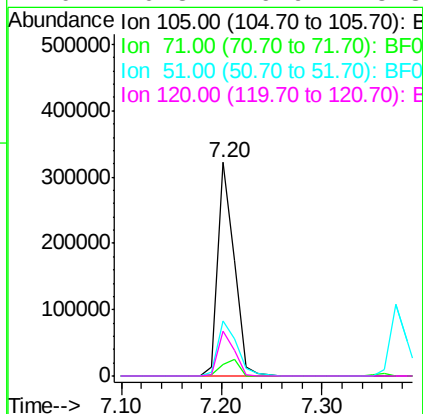
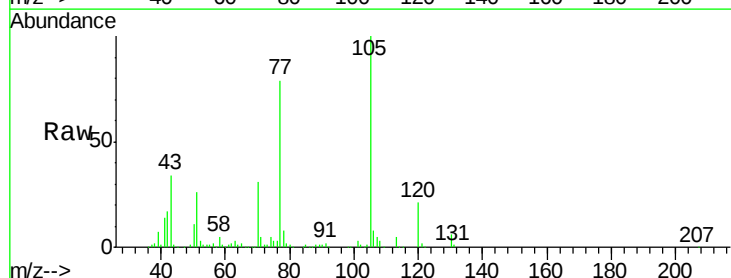
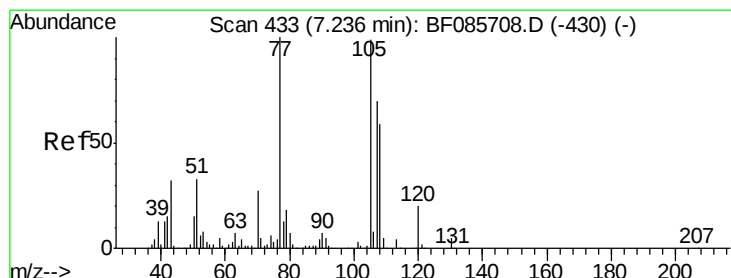
RT: 7.20 min Scan# 430

Delta R.T. -0.01 min

Lab File: BF085945.D

Acq: 31 Mar 2016 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	361882		
71	5.4	3.6	5.4	
51	25.8	25.4	38.0	
120	20.8	16.9	25.3	





#23

Nitrobenzene-d5

Concen: 74.73 ng

RT: 7.36 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF085945.D

Acq: 31 Mar 2016 23:41

Instrument :

BNA_F

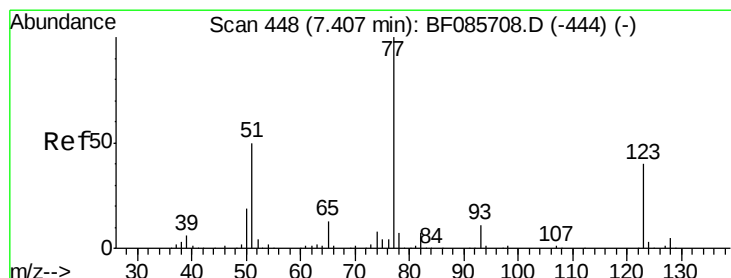
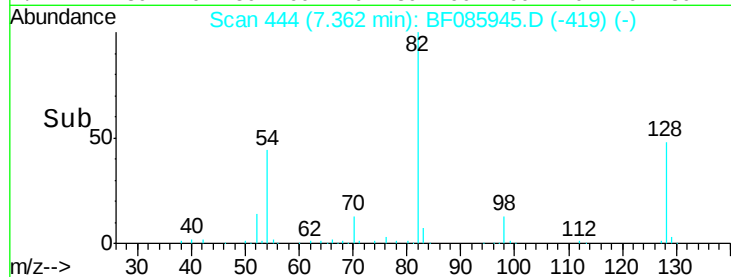
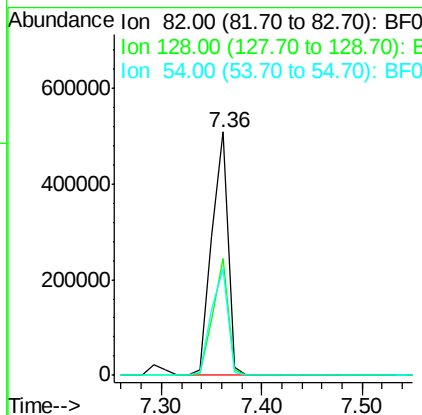
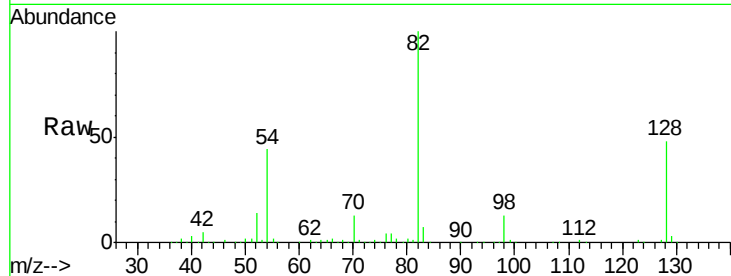
ClientSampleId :

PB89327BS

Tgt Ion:	82	Resp:	570234
Ion Ratio	Lower	Upper	
82	100		
128	48.2	41.8	62.8
54	44.0	33.4	50.0

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#24

Nitrobenzene

Concen: 33.53 ng

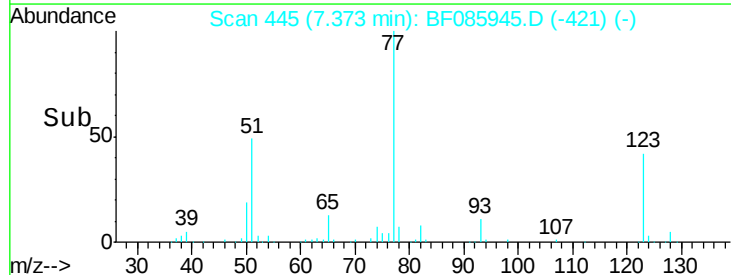
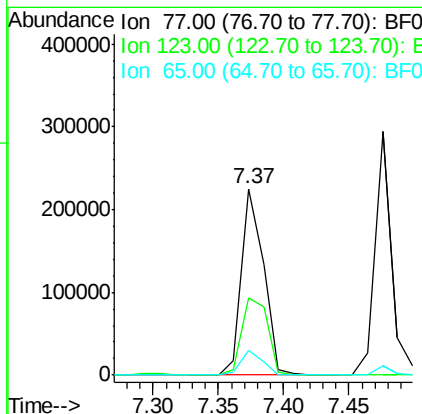
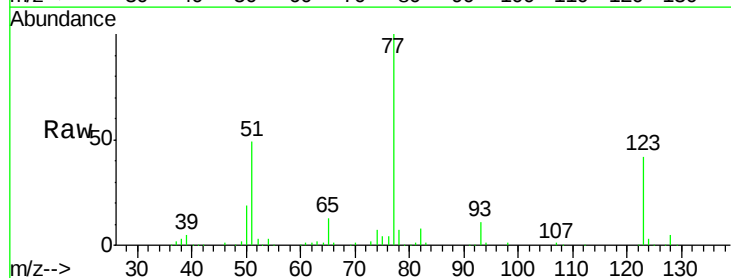
RT: 7.37 min Scan# 445

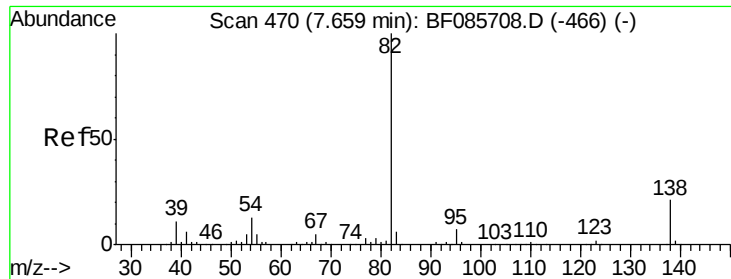
Delta R.T. -0.02 min

Lab File: BF085945.D

Acq: 31 Mar 2016 23:41

Tgt Ion:	77	Resp:	263744
Ion Ratio	Lower	Upper	
77	100		
123	41.8	35.0	52.4
65	13.0	10.6	16.0





#25

Isophorone

Concen: 34.74 ng

RT: 7.61 min Scan# 466

Delta R.T. -0.02 min

Lab File: BF085945.D

Acq: 31 Mar 2016 23:41

Instrument :

BNA_F

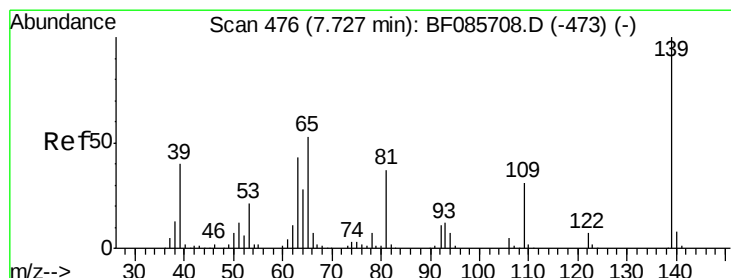
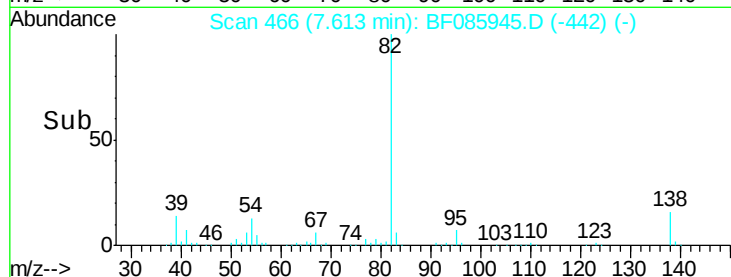
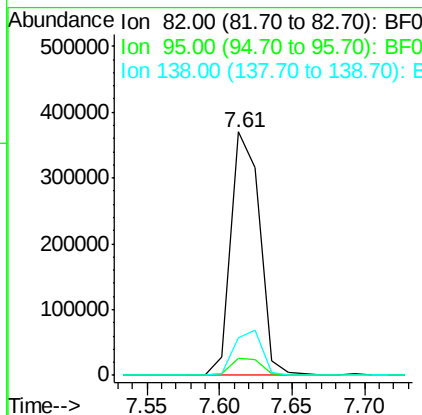
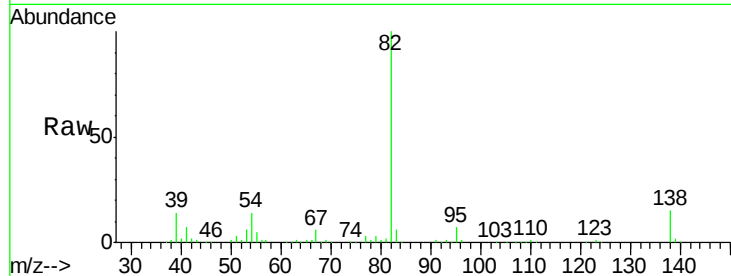
ClientSampleId :

PB89327BS

Tgt Ion:	82	Resp:	510612
Ion Ratio		Lower	Upper
82	100		
95	6.9	5.4	8.2
138	15.3	12.9	19.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 34.65 ng

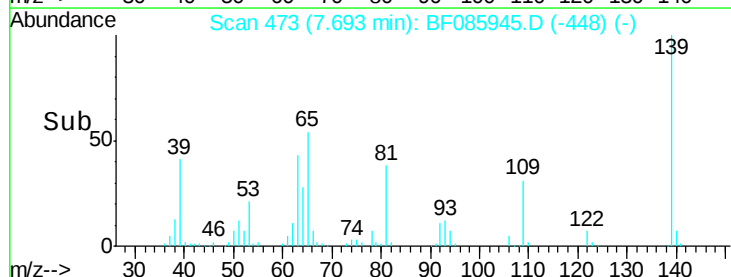
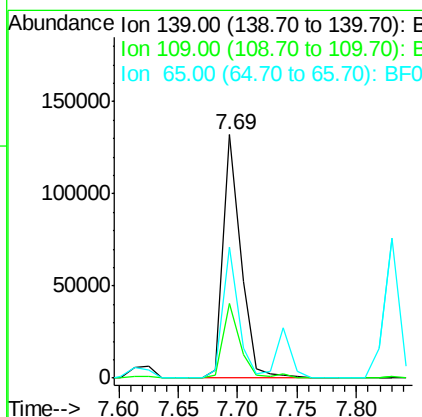
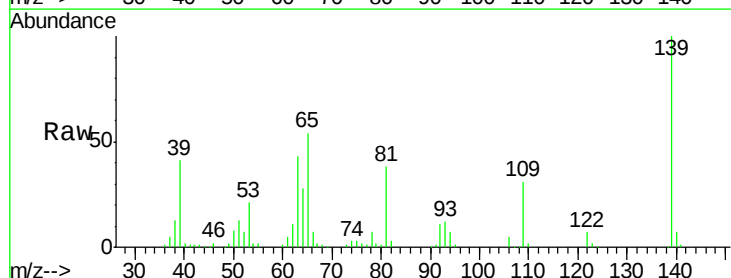
RT: 7.69 min Scan# 473

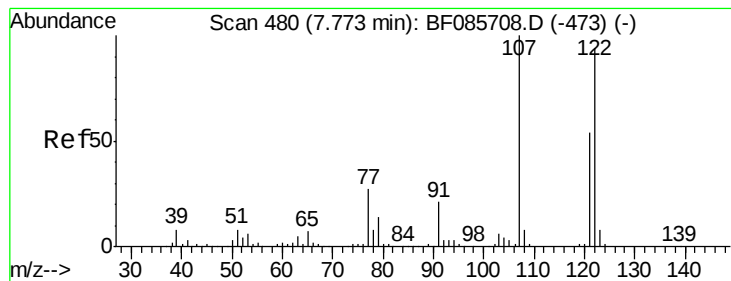
Delta R.T. -0.01 min

Lab File: BF085945.D

Acq: 31 Mar 2016 23:41

Tgt Ion:	139	Resp:	136351
Ion Ratio		Lower	Upper
139	100		
109	30.6	22.1	33.1
65	53.7	33.9	50.9#





#27

2,4-Dimethylphenol

Concen: 35.99 ng

RT: 7.74 min Scan# 477

Delta R.T. -0.01 min

Lab File: BF085945.D

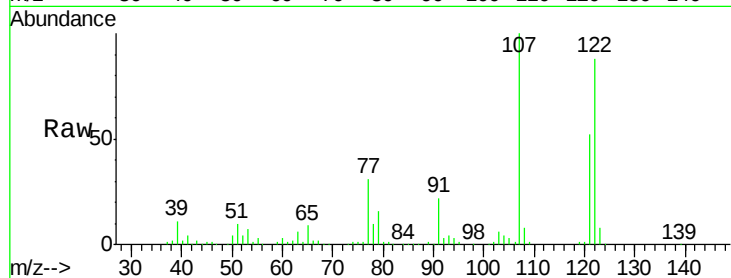
Acq: 31 Mar 2016 23:41

Instrument :

BNA_F

ClientSampleId :

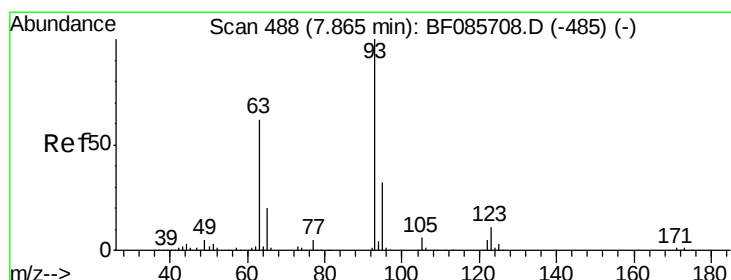
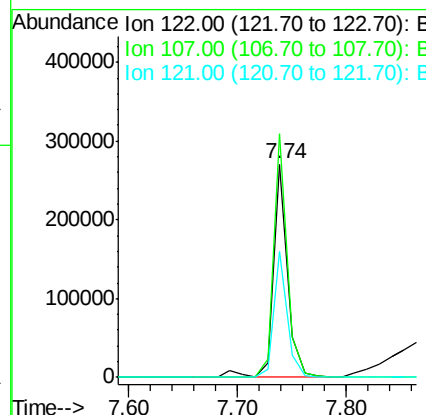
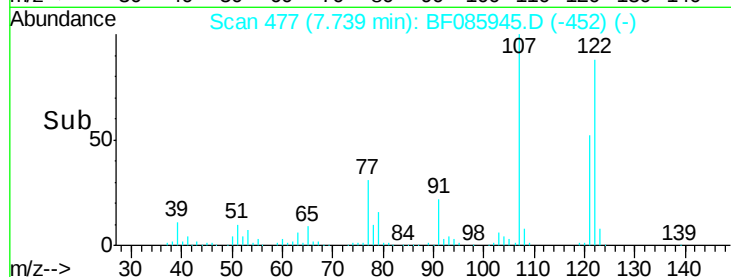
PB89327BS



Tgt Ion:	122	Resp:	247523
Ion Ratio	Lower	Upper	
122	100		
107	114.3	93.0	139.6
121	59.2	45.9	68.9

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#28

bis(2-Chloroethoxy)methane

Concen: 39.35 ng

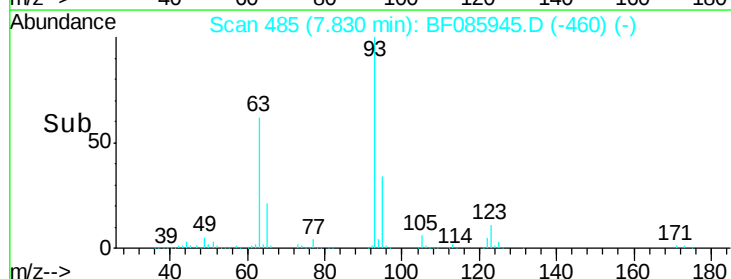
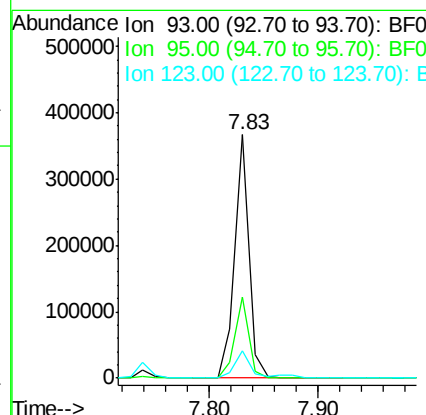
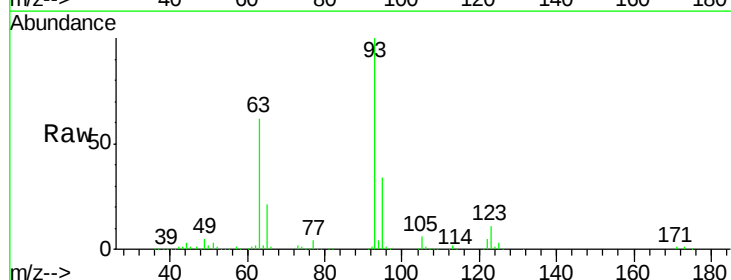
RT: 7.83 min Scan# 485

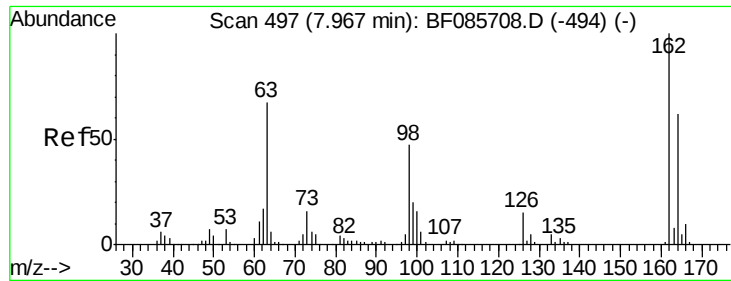
Delta R.T. -0.01 min

Lab File: BF085945.D

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Tgt Ion:	93	Resp:	329587
Ion Ratio	Lower	Upper	
93	100		
95	33.5	26.4	39.6
123	11.2	9.8	14.6





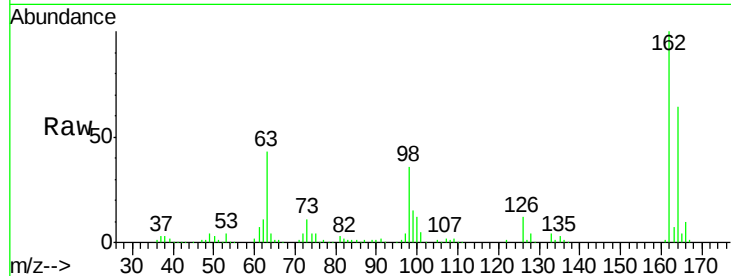
#29
 2,4-Dichlorophenol
 Concen: 37.95 ng
 RT: 7.94 min Scan# 495
 Delta R.T. -0.01 min
 Lab File: BF085945.D
 Acq: 31 Mar 2016 23:41

Instrument :
 BNA_F
 ClientSampleId :
 PB89327BS

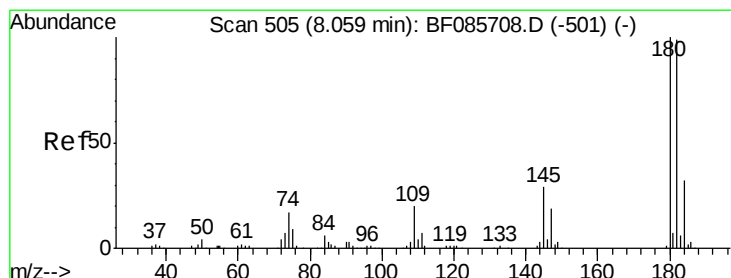
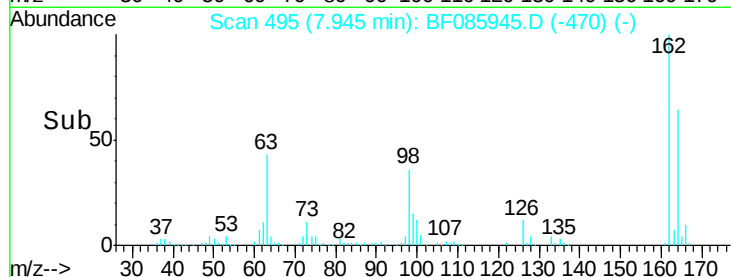
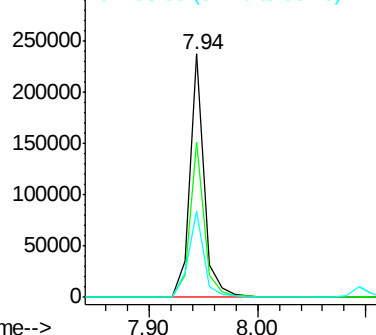
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	219414		
164	64.0	43.7	83.7	
98	35.6	20.4	60.4	

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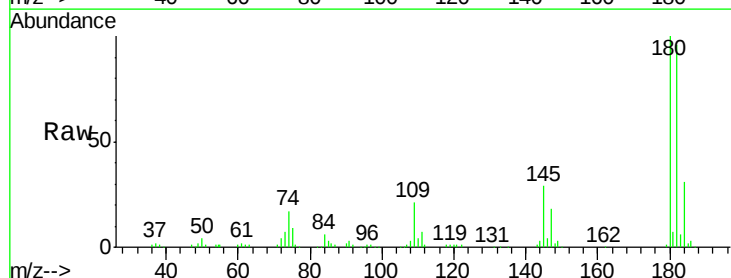


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

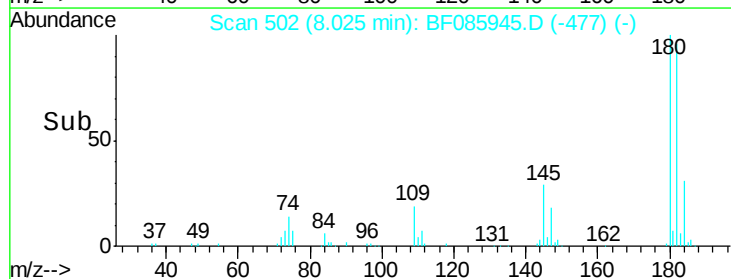
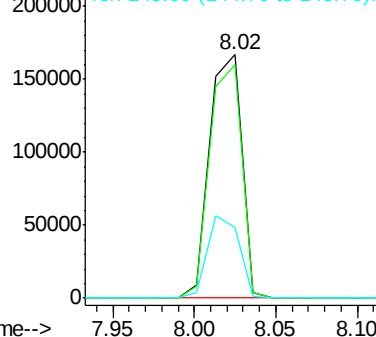


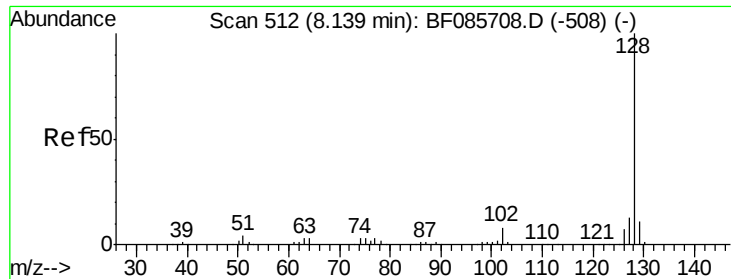
#30
 1,2,4-Trichlorobenzene
 Concen: 35.44 ng
 RT: 8.02 min Scan# 502
 Delta R.T. -0.01 min
 Lab File: BF085945.D
 Acq: 31 Mar 2016 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	227500		
182	95.8	73.8	110.8	
145	29.0	28.4	42.6	



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





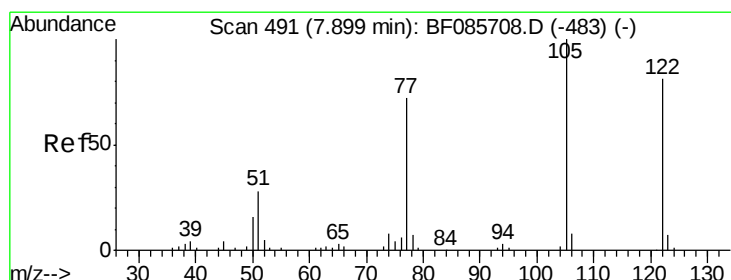
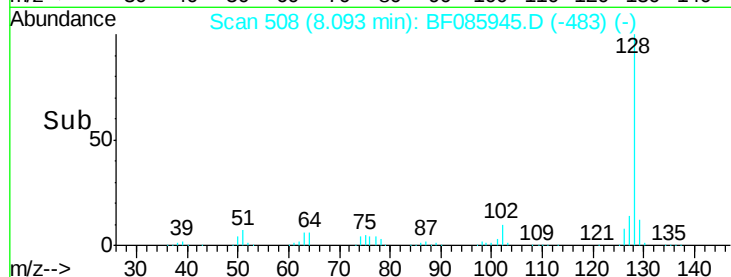
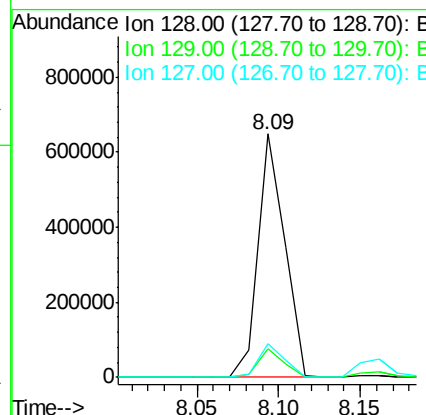
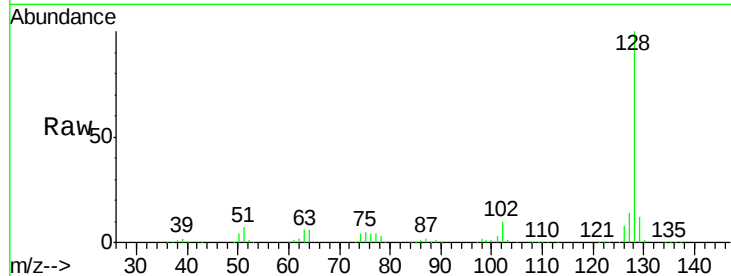
#31
Naphthalene
Concen: 34.14 ng
RT: 8.09 min Scan# 508
Delta R.T. -0.01 min
Lab File: BF085945.D
Acq: 31 Mar 2016 23:41

Instrument :
BNA_F
ClientSampleId :
PB89327BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	11.5	9.4	14.0
127	13.6	11.0	16.6

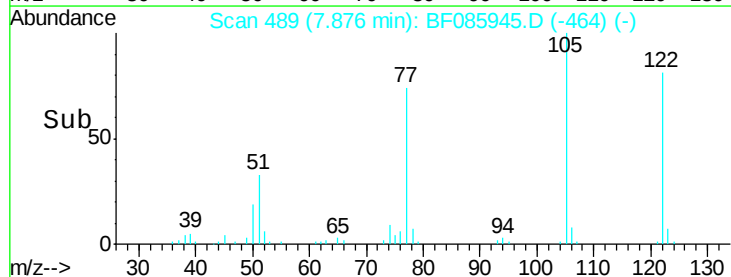
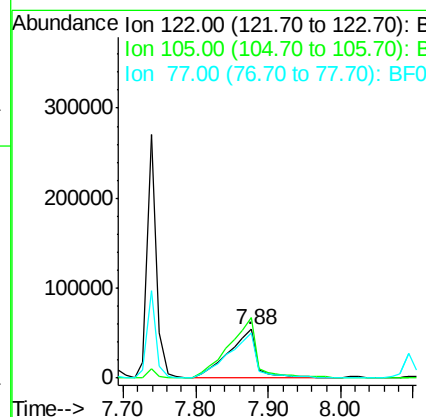
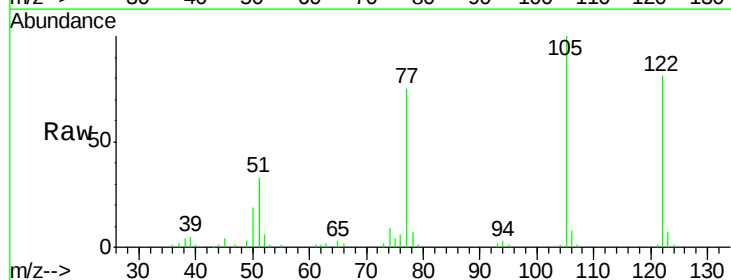
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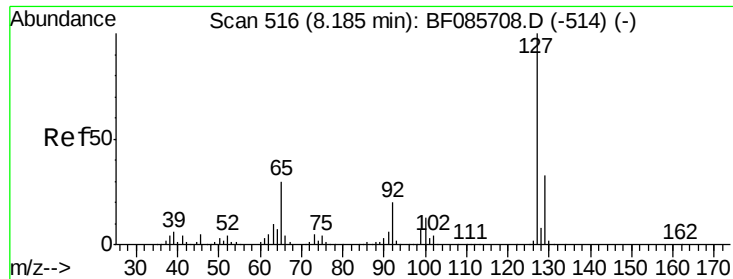
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#32
Benzoic acid
Concen: 32.08 ng
RT: 7.88 min Scan# 489
Delta R.T. -0.01 min
Lab File: BF085945.D
Acq: 31 Mar 2016 23:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	123.4	102.9	142.9
77	92.7	71.8	111.8





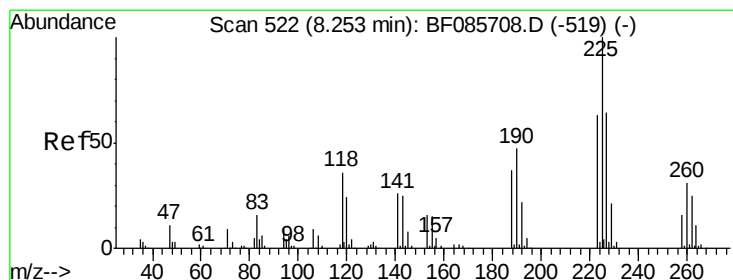
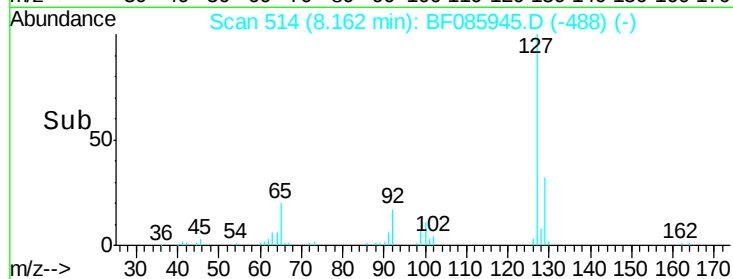
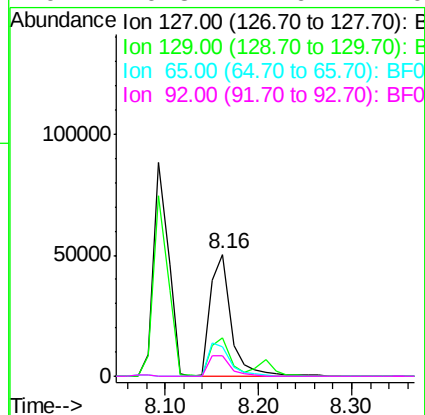
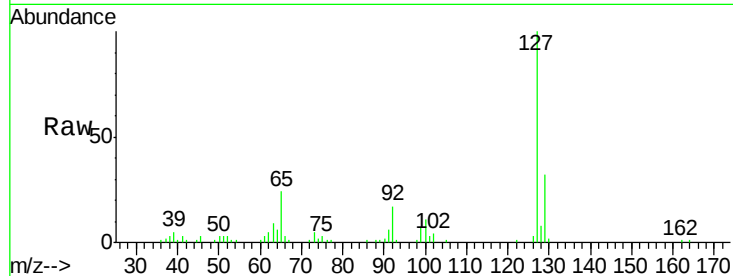
#33
4-Chloroaniline
Concen: 8.97 ng
RT: 8.16 min Scan# 514
Delta R.T. -0.00 min
Lab File: BF085945.D
Acq: 31 Mar 2016 23:41

Instrument :
BNA_F
ClientSampleId :
PB89327BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	79311		
129	31.7	26.1	39.1	
65	23.7	19.5	29.3	
92	16.8	14.6	22.0	

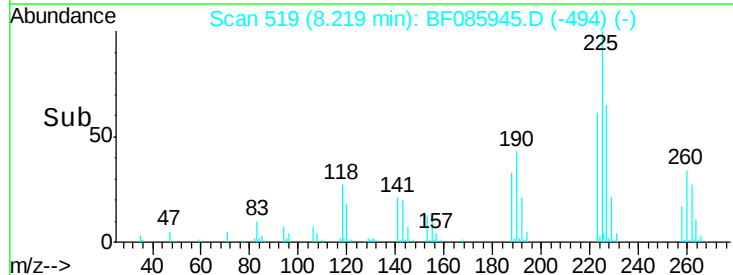
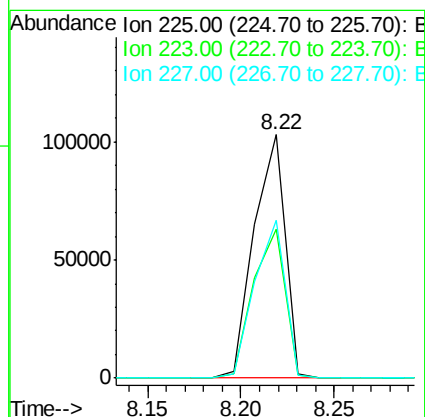
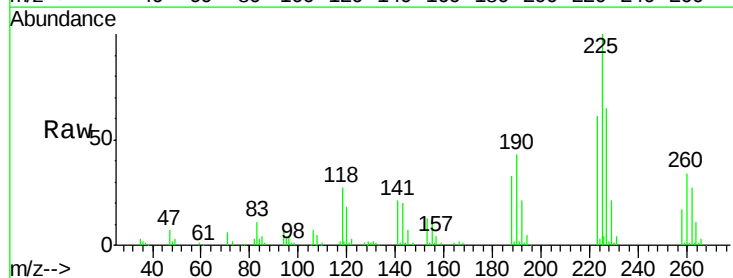
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#34
Hexachlorobutadiene
Concen: 34.06 ng
RT: 8.22 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF085945.D
Acq: 31 Mar 2016 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	118816		
223	61.3	50.4	75.6	
227	64.7	51.4	77.2	





#35

Caprolactam

Concen: 34.61 ng m

RT: 8.53 min Scan# 546

Delta R.T. -0.02 min

Lab File: BF085945.D

Acq: 31 Mar 2016 23:41

Instrument :

BNA_F

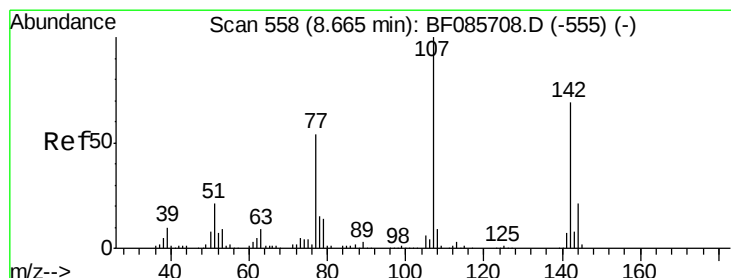
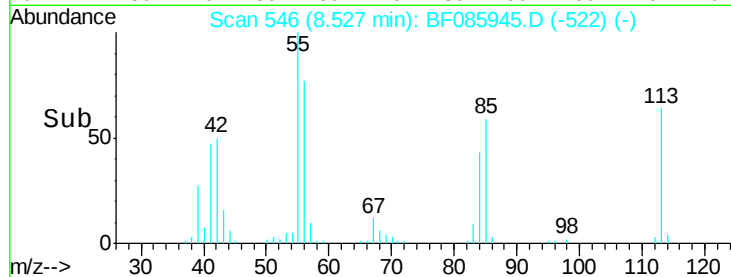
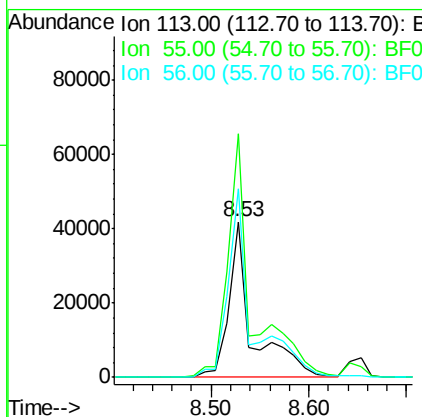
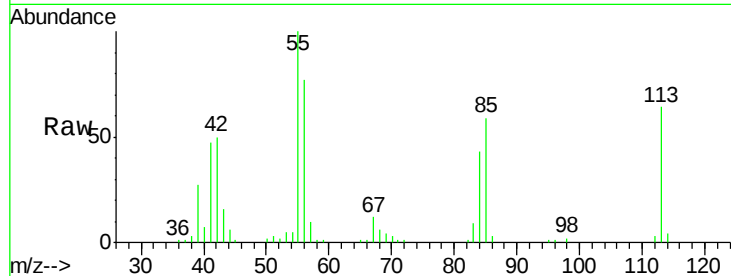
ClientSampleId :

PB89327BS

Tgt Ion:	113	Resp:	70882
Ion Ratio	Lower	Upper	
113	100		
55	156.5	139.4	179.4
56	120.9	100.4	140.4

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#36

4-Chloro-3-methylphenol

Concen: 34.15 ng

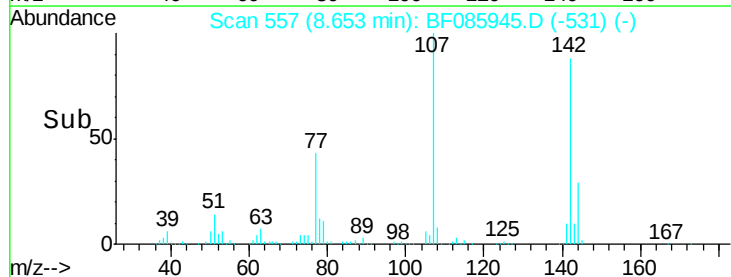
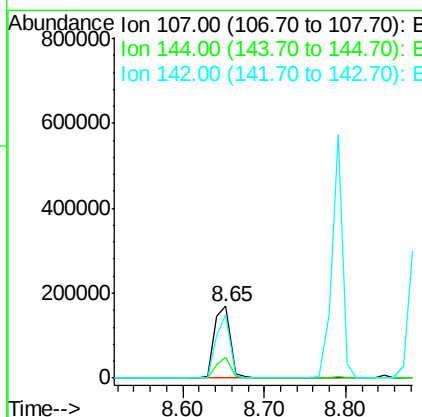
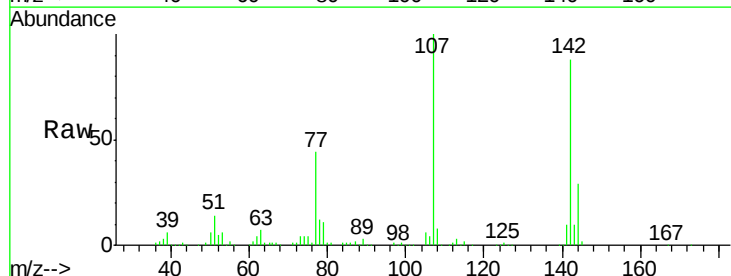
RT: 8.65 min Scan# 557

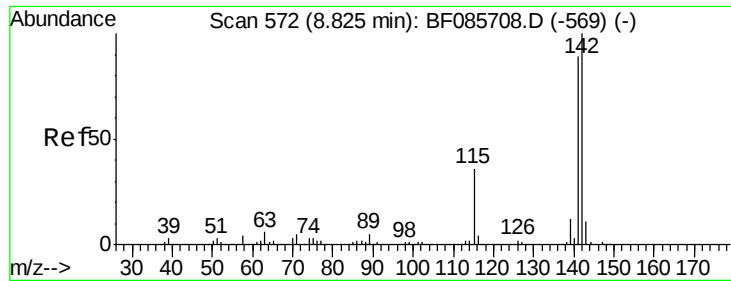
Delta R.T. -0.00 min

Lab File: BF085945.D

Acq: 31 Mar 2016 23:41

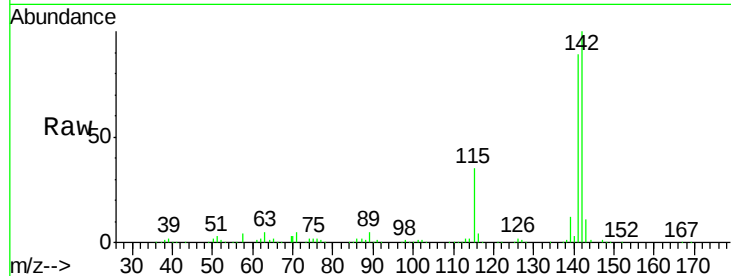
Tgt Ion:	107	Resp:	230652
Ion Ratio	Lower	Upper	
107	100		
144	29.3	19.3	28.9#
142	88.5	61.4	92.0





#37
2-Methylnaphthalene
Concen: 40.63 ng
RT: 8.79 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF085945.D
Acq: 31 Mar 2016 23:41

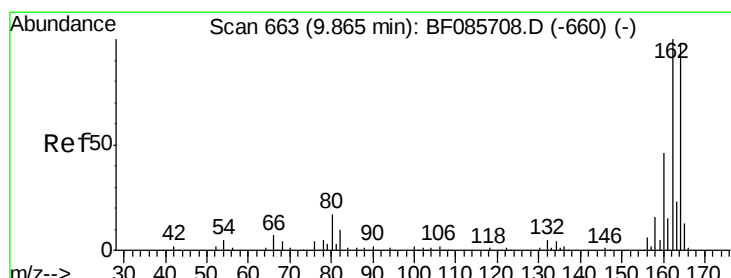
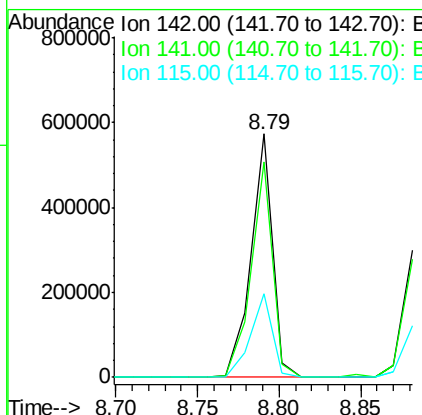
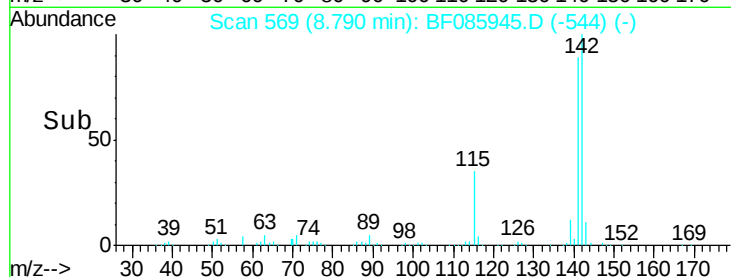
Instrument :
BNA_F
ClientSampleId :
PB89327BS



Tgt Ion	Ratio	Resp	Lower	Upper
142	100	525106		
141	88.5	71.6	107.4	
115	34.6	26.8	40.2	

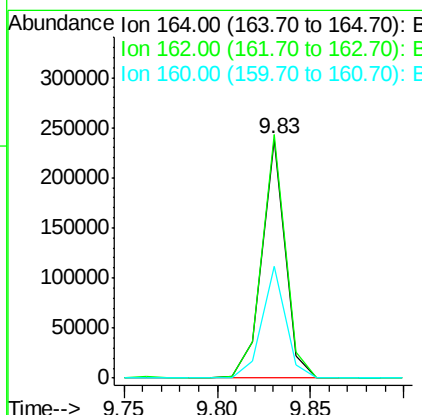
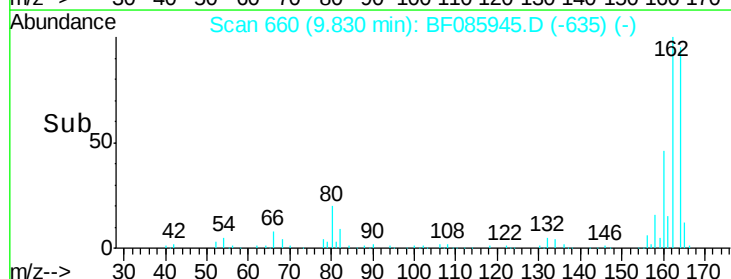
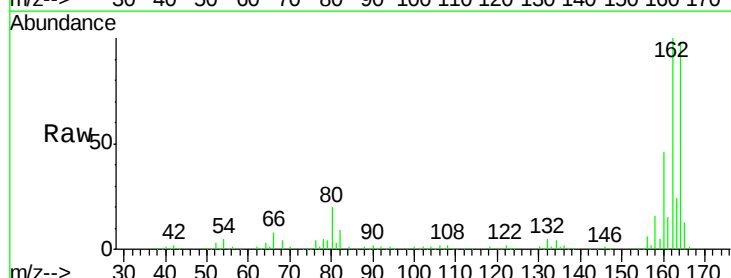
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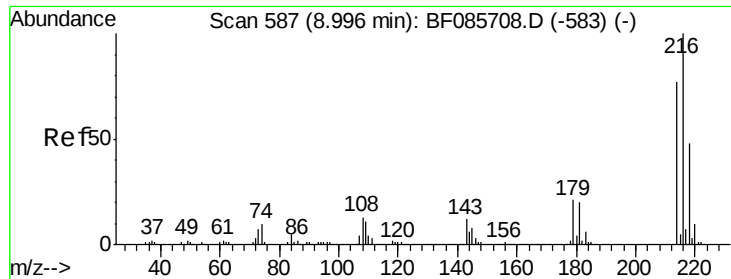
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.83 min Scan# 660
Delta R.T. -0.01 min
Lab File: BF085945.D
Acq: 31 Mar 2016 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	204309		
162	101.9	82.1	123.1	
160	46.9	37.4	56.2	





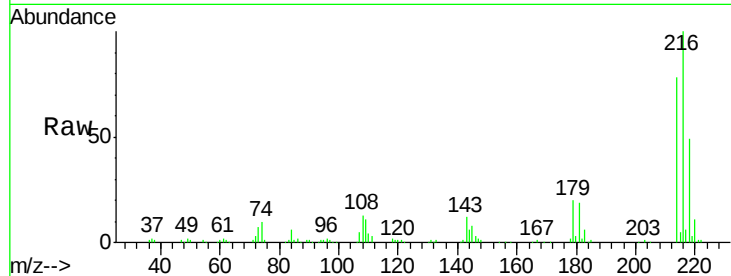
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.29 ng
 RT: 8.96 min Scan# 584
 Delta R.T. -0.01 min
 Lab File: BF085945.D
 Acq: 31 Mar 2016 23:41

Instrument :
 BNA_F
 ClientSampleId :
 PB89327BS

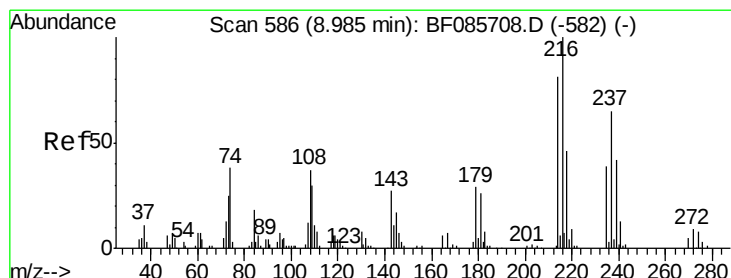
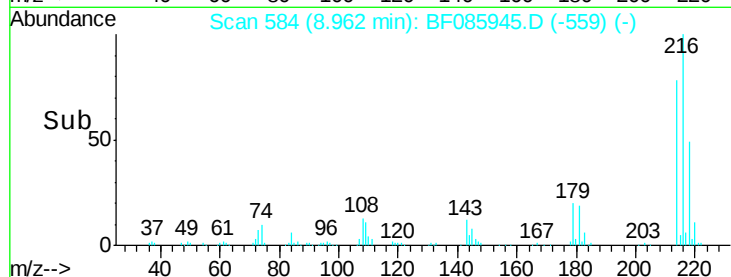
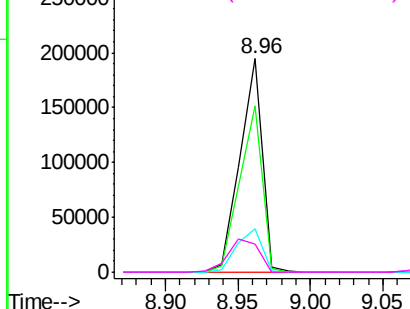
Tgt Ion	Ratio	Resp Lower	Upper
216	100		
214	78.9	63.1	94.7
179	23.0	18.2	27.2
108	21.8	17.3	25.9

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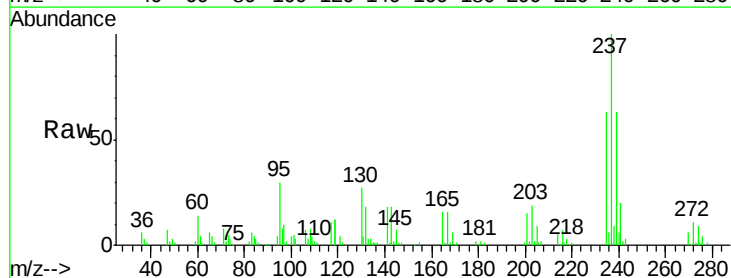


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

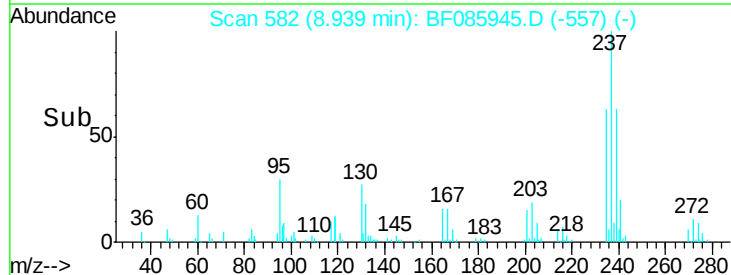
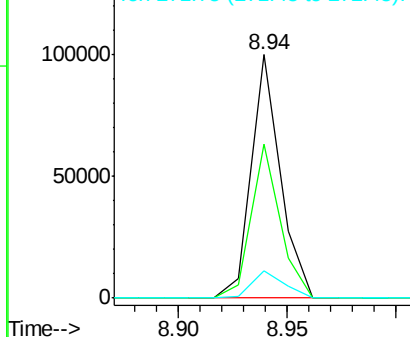


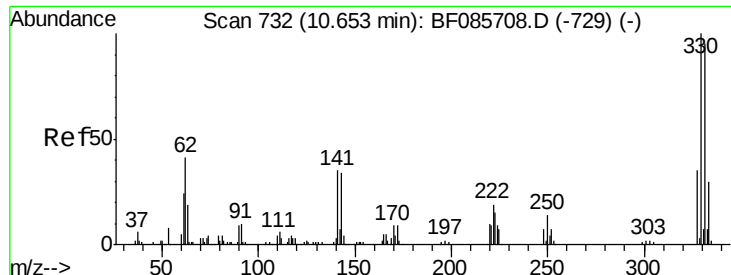
#40
 Hexachlorocyclopentadiene
 Concen: 41.80 ng
 RT: 8.94 min Scan# 582
 Delta R.T. -0.01 min
 Lab File: BF085945.D
 Acq: 31 Mar 2016 23:41

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.0	43.7	83.7
272	11.1	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





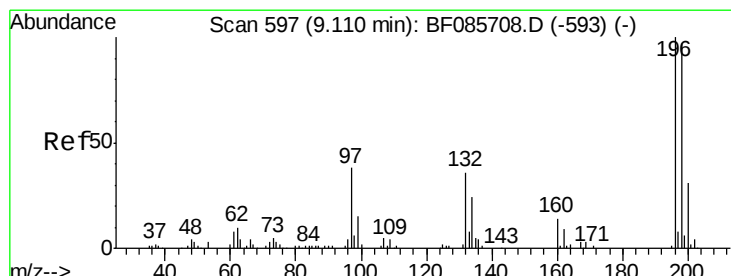
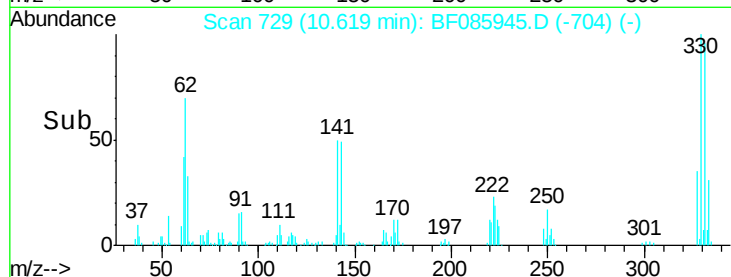
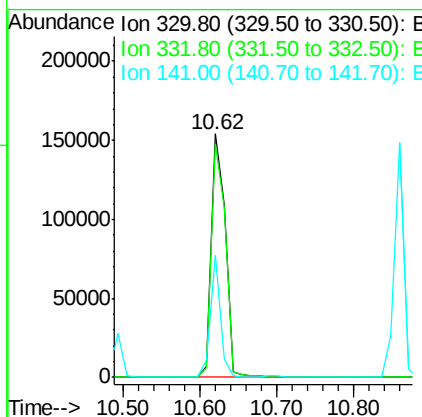
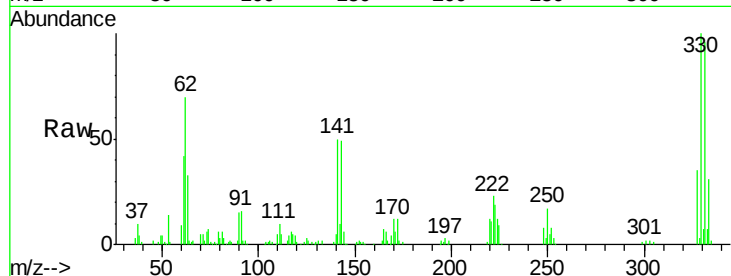
#41
 2,4,6-Tribromophenol
 Concen: 98.69 ng
 RT: 10.62 min Scan# 729
 Delta R.T. -0.01 min
 Lab File: BF085945.D
 Acq: 31 Mar 2016 23:41

Instrument :
 BNA_F
 ClientSampleId :
 PB89327BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	191579		
332	96.5	78.2	117.2	
141	37.1	31.5	47.3	

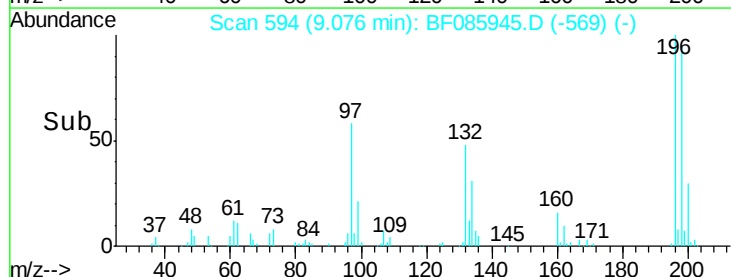
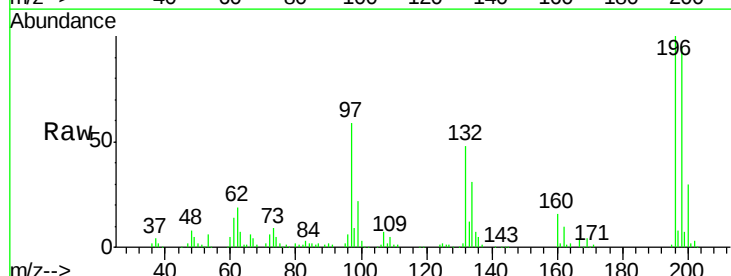
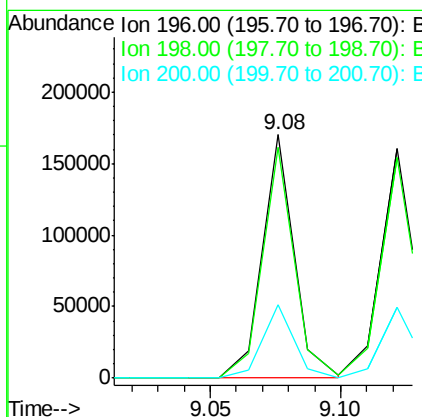
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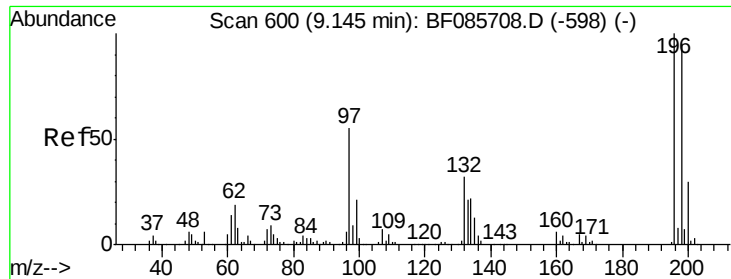
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#42
 2,4,6-Trichlorophenol
 Concen: 35.36 ng
 RT: 9.08 min Scan# 594
 Delta R.T. -0.01 min
 Lab File: BF085945.D
 Acq: 31 Mar 2016 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	144696		
198	94.9	75.3	112.9	
200	30.4	23.7	35.5	





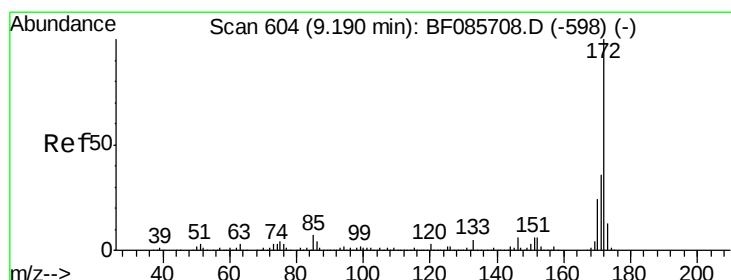
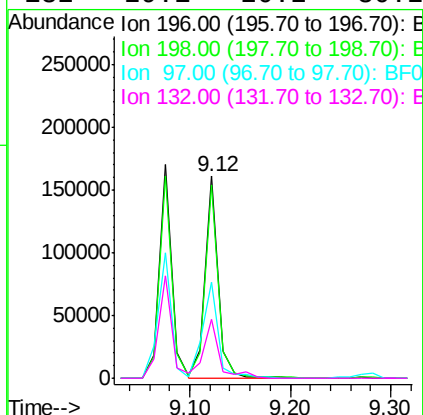
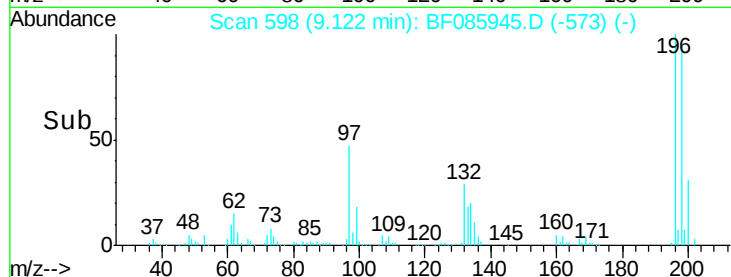
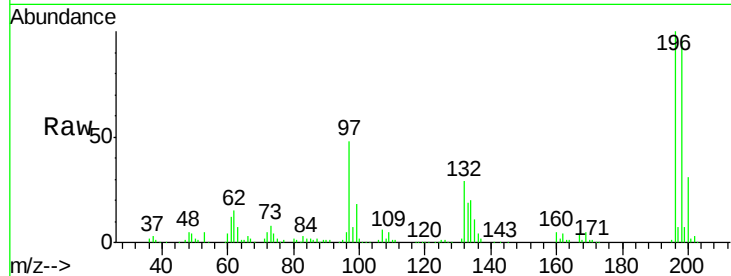
#43
 2,4,5-Trichlorophenol
 Concen: 33.94 ng
 RT: 9.12 min Scan# 598
 Delta R.T. -0.01 min
 Lab File: BF085945.D
 Acq: 31 Mar 2016 23:41

Instrument :
 BNA_F
 ClientSampleId :
 PB89327BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	145651		
198	95.9	76.6	114.8	
97	47.6	30.5	45.7	
132	29.1	20.2	30.2	

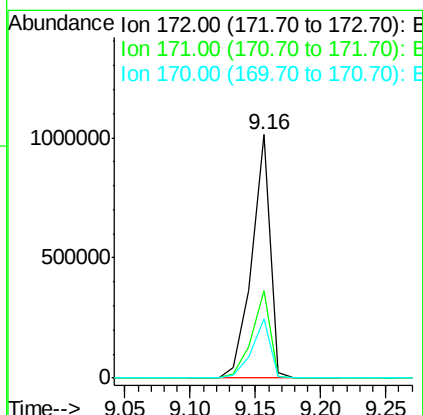
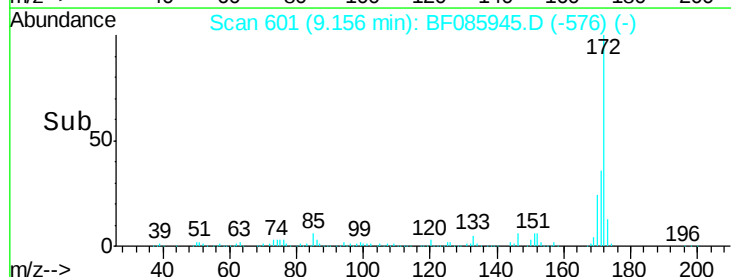
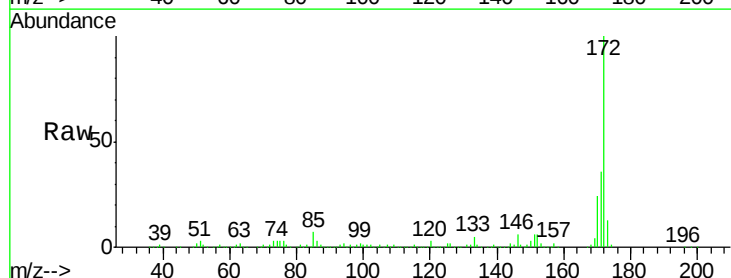
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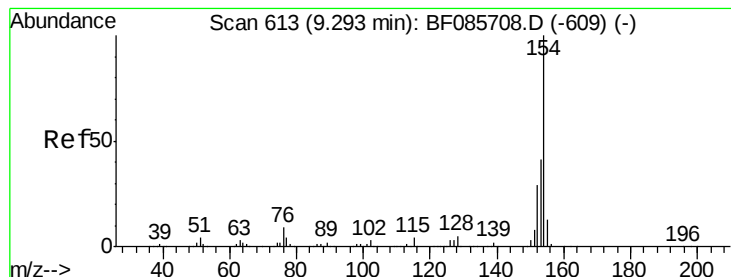
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#44
 2-Fluorobiphenyl
 Concen: 81.35 ng
 RT: 9.16 min Scan# 601
 Delta R.T. -0.01 min
 Lab File: BF085945.D
 Acq: 31 Mar 2016 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	994806		
171	35.7	29.4	44.2	
170	24.3	19.8	29.6	





#45

1,1'-Biphenyl

Concen: 34.43 ng

RT: 9.26 min Scan# 610

Delta R.T. -0.01 min

Lab File: BF085945.D

Acq: 31 Mar 2016 23:41

Instrument :

BNA_F

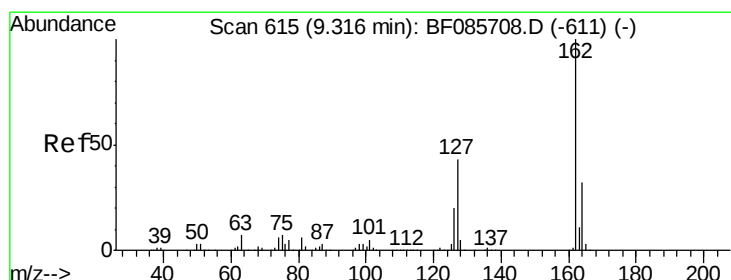
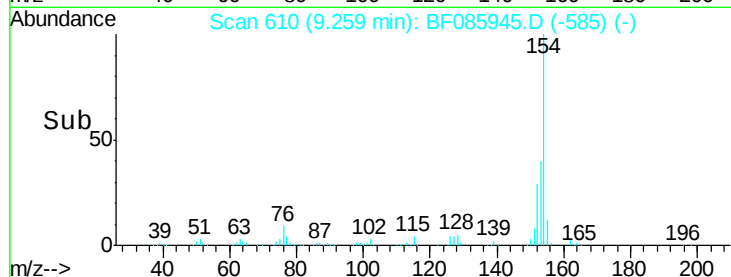
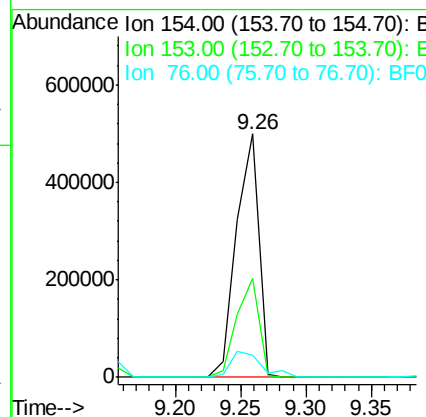
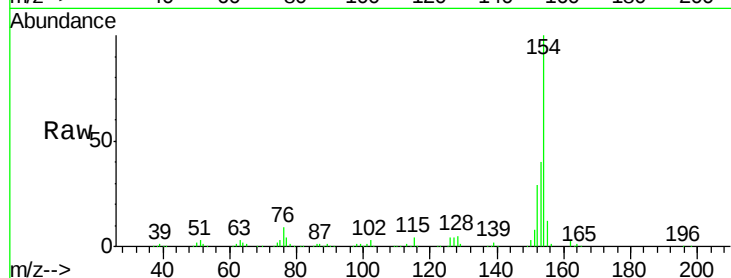
ClientSampleId :

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Tgt Ion:	154	Resp:	593650
Ion Ratio	Lower	Upper	
154	100		
153	40.5	20.8	60.8
76	9.0	0.0	36.7

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#46

2-Chloronaphthalene

Concen: 36.53 ng

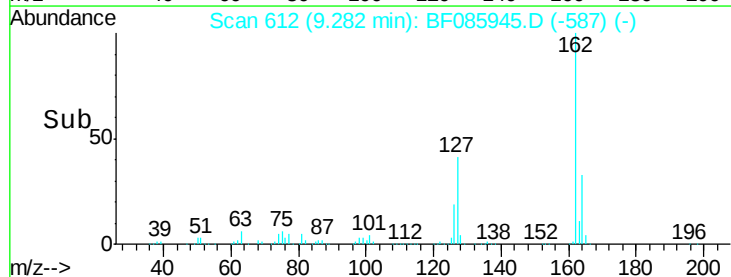
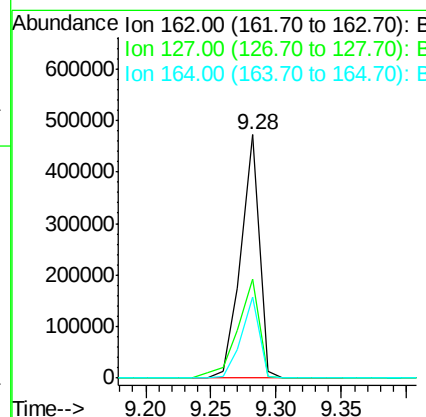
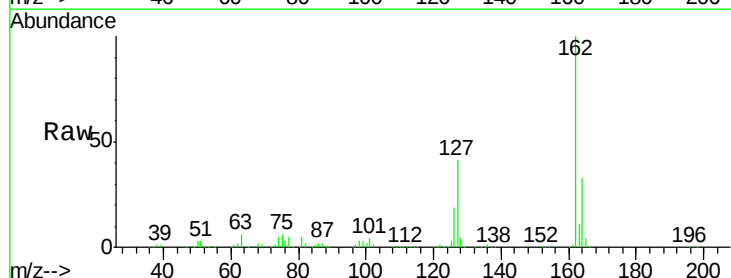
RT: 9.28 min Scan# 612

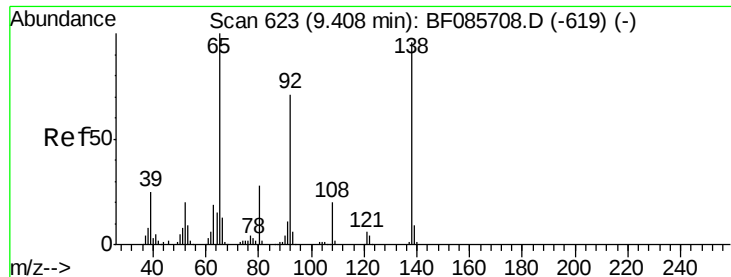
Delta R.T. -0.01 min

Lab File: BF085945.D

Acq: 31 Mar 2016 23:41

Tgt Ion:	162	Resp:	463139
Ion Ratio	Lower	Upper	
162	100		
127	40.6	31.7	47.5
164	33.1	27.3	40.9





#47

2-Nitroaniline

Concen: 36.98 ng

RT: 9.38 min Scan# 621

Delta R.T. -0.01 min

Lab File: BF085945.D

Acq: 31 Mar 2016 23:41

Instrument :

BNA_F

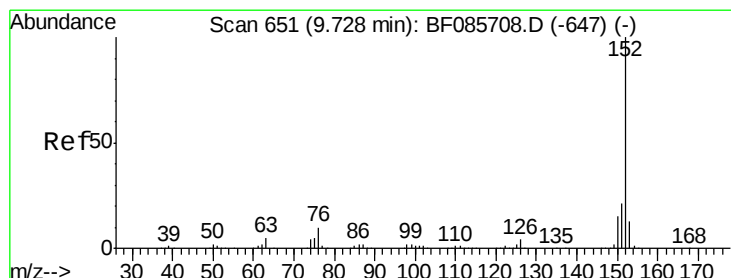
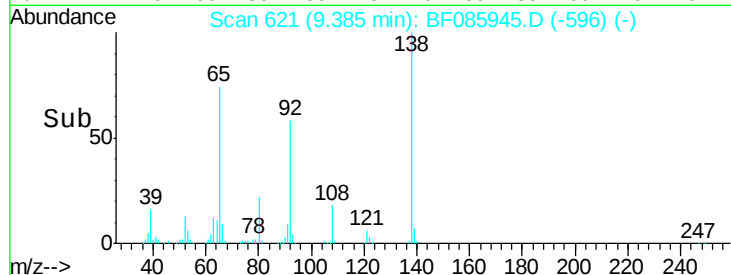
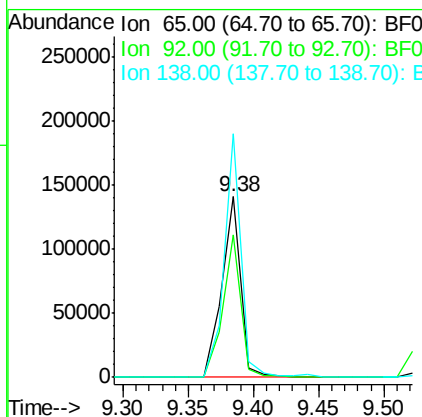
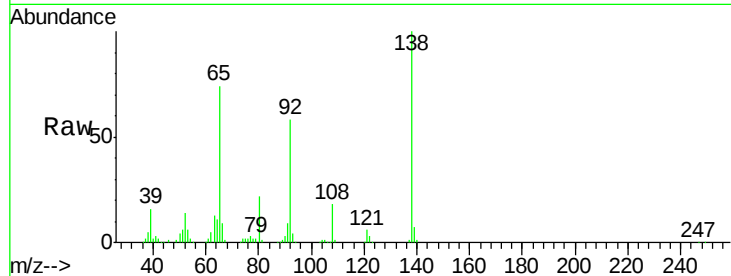
ClientSampleId :

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Tgt Ion:	65	Resp:	143336
Ion Ratio	Lower	Upper	
65	100		
92	78.8	59.7	89.5
138	134.7	91.4	137.0

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#48

Acenaphthylene

Concen: 35.77 ng

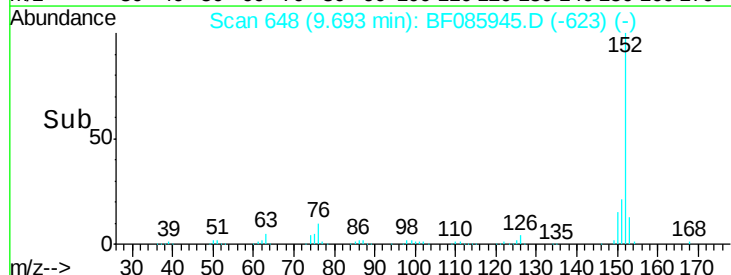
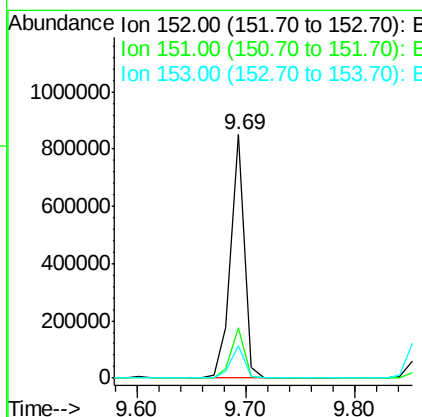
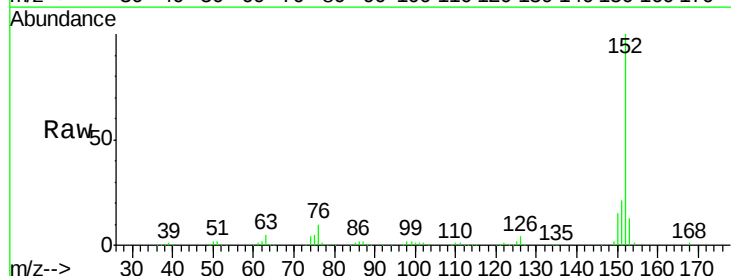
RT: 9.69 min Scan# 648

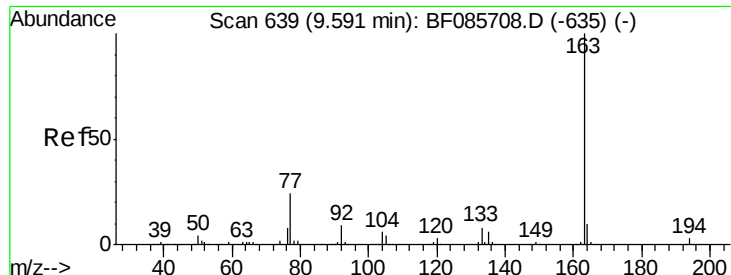
Delta R.T. -0.01 min

Lab File: BF085945.D

Acq: 31 Mar 2016 23:41

Tgt Ion:	152	Resp:	738952
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.8	25.2
153	13.3	10.9	16.3





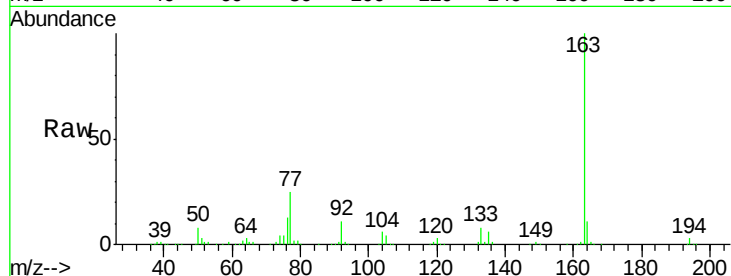
#49
Dimethylphthalate
Concen: 33.43 ng
RT: 9.56 min Scan# 636
Delta R.T. -0.01 min
Lab File: BF085945.D
Acq: 31 Mar 2016 23:41

Instrument :
BNA_F
ClientSampleId :
PB89327BS

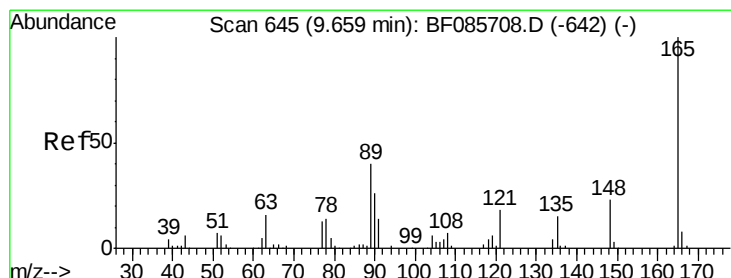
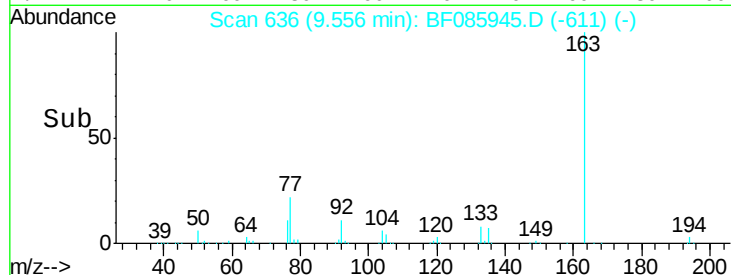
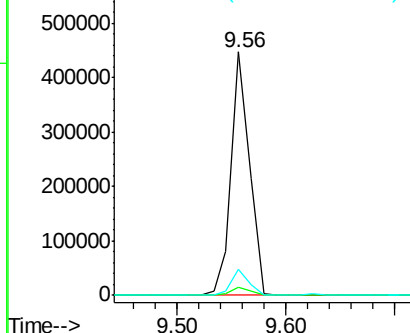
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	518253		
194	3.3	2.9	4.3	
164	10.7	8.3	12.5	

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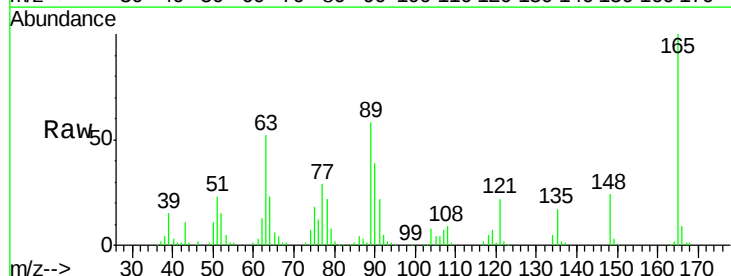


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

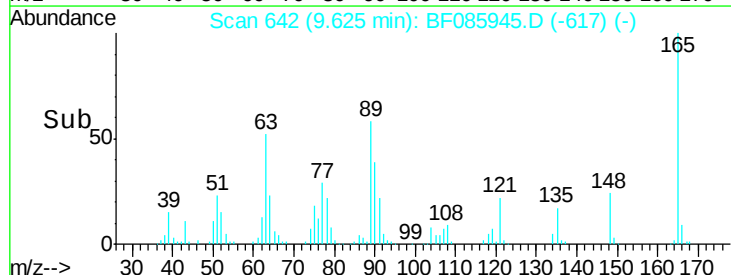
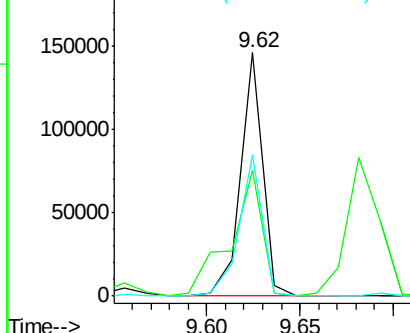


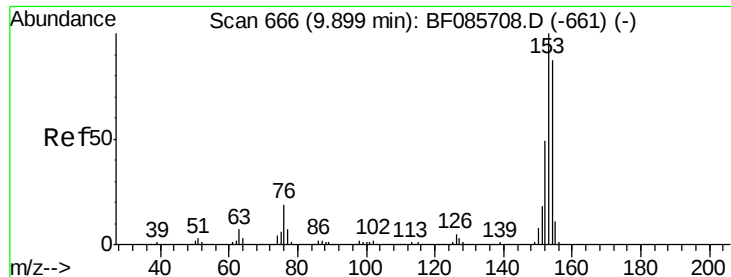
#50
2,6-Dinitrotoluene
Concen: 36.47 ng
RT: 9.62 min Scan# 642
Delta R.T. -0.01 min
Lab File: BF085945.D
Acq: 31 Mar 2016 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	121669		
63	51.9	51.8	77.8	
89	57.9	53.7	80.5	



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





#51

Acenaphthene

Concen: 34.41 ng

RT: 9.86 min Scan# 663

Delta R.T. -0.01 min

Lab File: BF085945.D

Acq: 31 Mar 2016 23:41

Instrument :

BNA_F

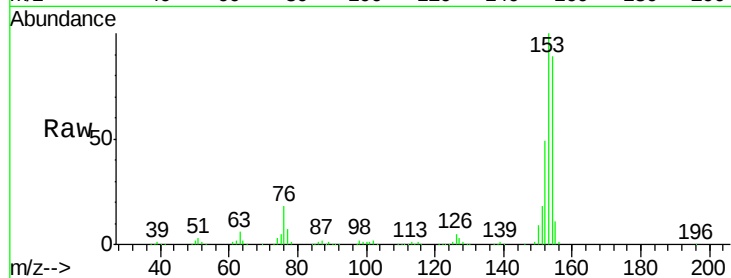
ClientSampleId :

PB89327BS

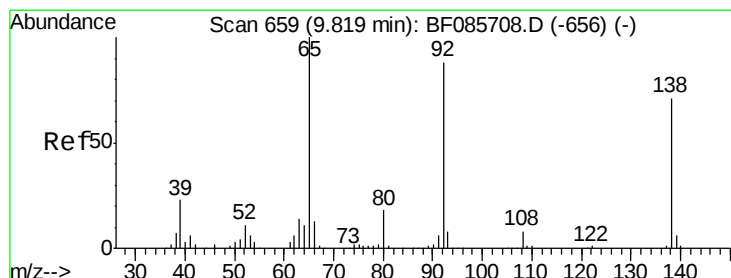
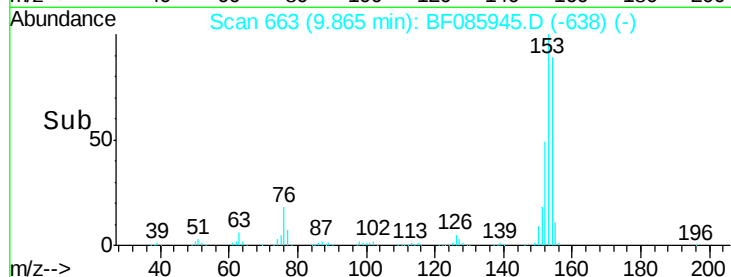
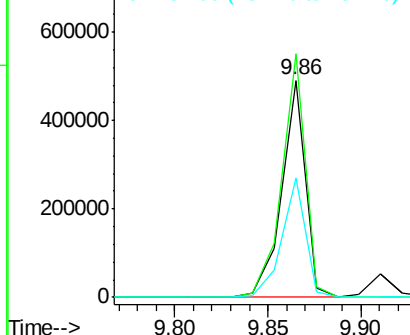
Tgt Ion:	154	Resp:	434141
Ion Ratio	Lower	Upper	
154	100		
153	112.2	90.1	135.1
152	54.9	44.2	66.2

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



#52

3-Nitroaniline

Concen: 15.78 ng

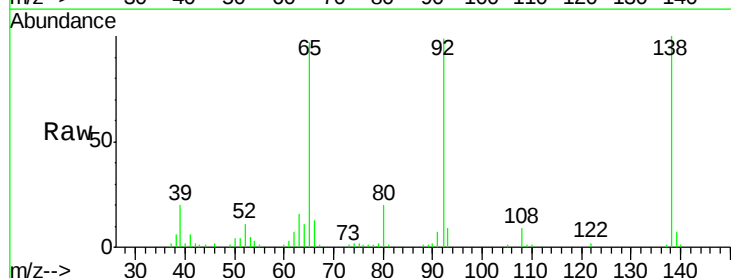
RT: 9.80 min Scan# 657

Delta R.T. -0.01 min

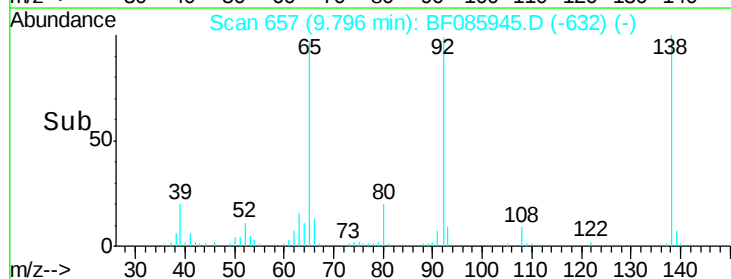
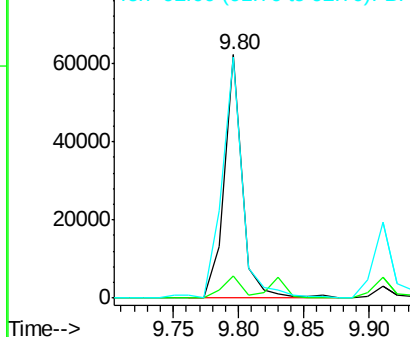
Lab File: BF085945.D

Acq: 31 Mar 2016 23:41

Tgt Ion:	138	Resp:	60263
Ion Ratio	Lower	Upper	
138	100		
108	9.4	8.7	13.1
92	98.8	93.3	139.9



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





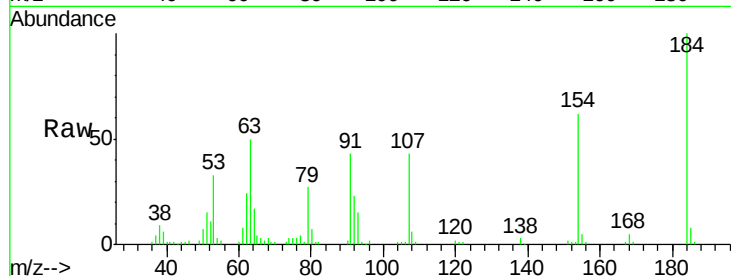
#53
2,4-Dinitrophenol
Concen: 51.61 ng
RT: 9.91 min Scan# 667
Delta R.T. -0.01 min
Lab File: BF085945.D
Acq: 31 Mar 2016 23:41

Instrument :
BNA_F
ClientSampleId :
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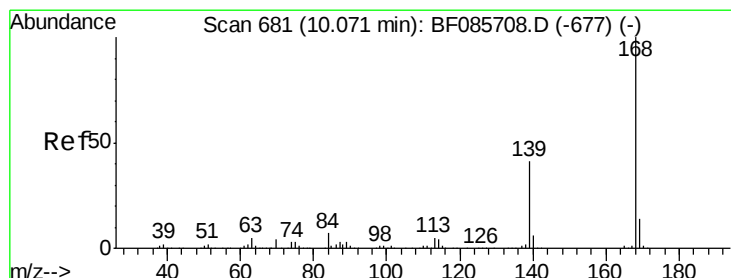
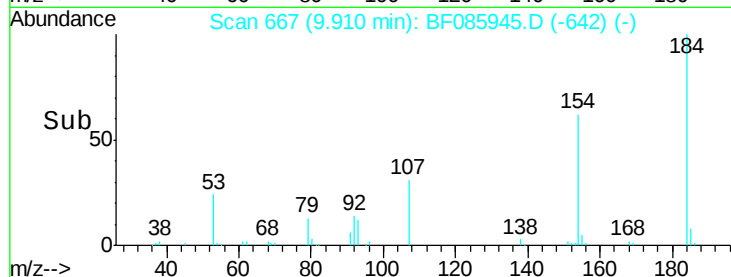
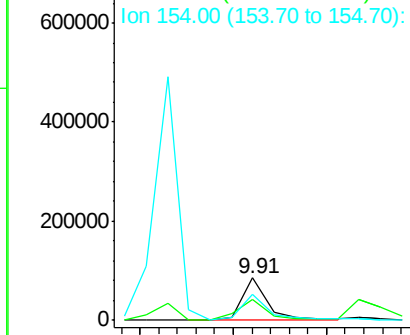
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	83099		
63	50.3	69.5	104.3#	
154	62.4	58.3	87.5	

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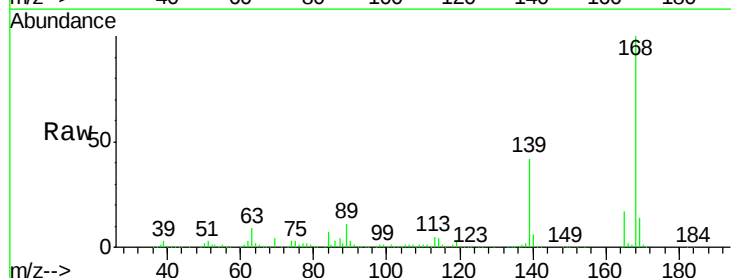


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

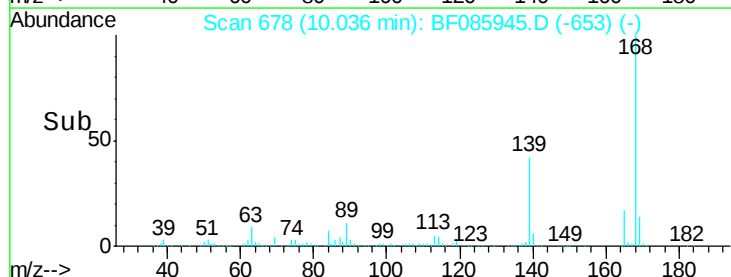
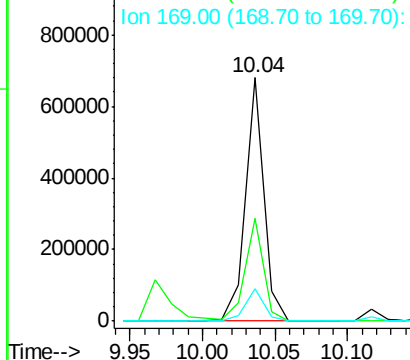


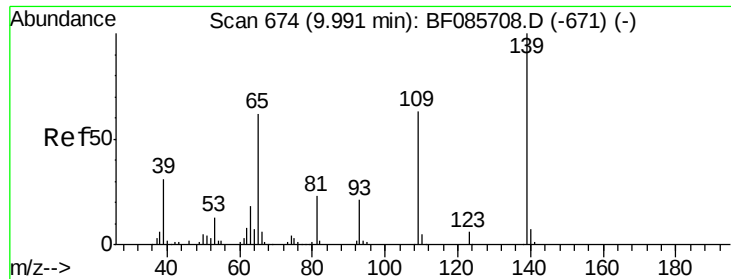
#54
Dibenzofuran
Concen: 36.58 ng
RT: 10.04 min Scan# 678
Delta R.T. -0.01 min
Lab File: BF085945.D
Acq: 31 Mar 2016 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	597392		
139	42.3	31.9	47.9	
169	13.5	11.0	16.6	



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





#55

4-Nitrophenol

Concen: 52.83 ng

RT: 9.97 min Scan# 672

Delta R.T. -0.01 min

Lab File: BF085945.D

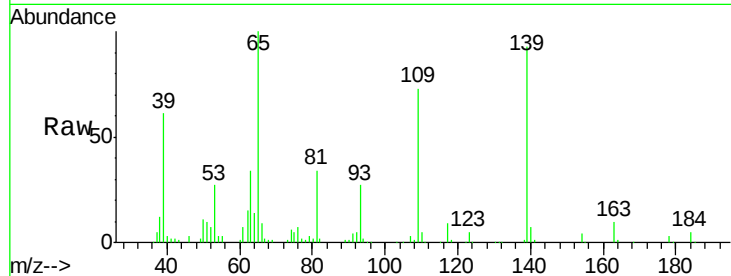
Acq: 31 Mar 2016 23:41

Instrument :

BNA_F

ClientSampleId :

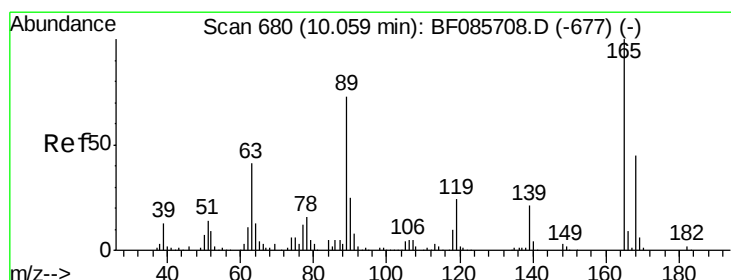
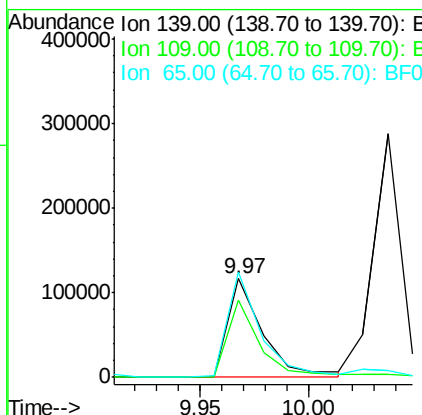
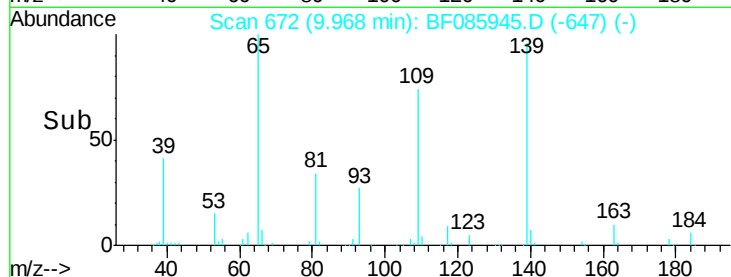
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Tgt Ion	Ratio	Resp	Lower	Upper
139	100	131438		
109	78.3	49.2	89.2	
65	107.6	66.9	106.9	

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#56

2,4-Dinitrotoluene

Concen: 33.73 ng

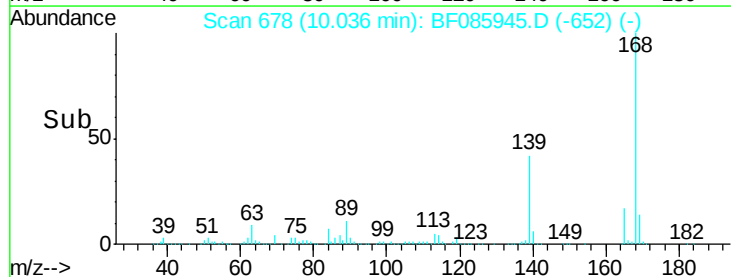
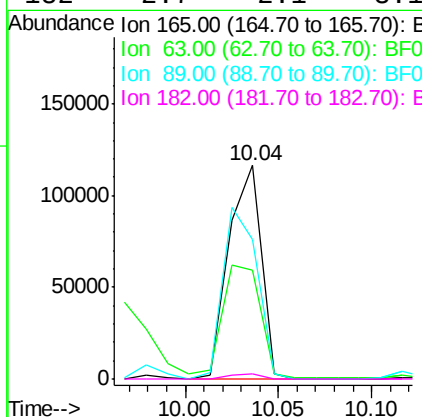
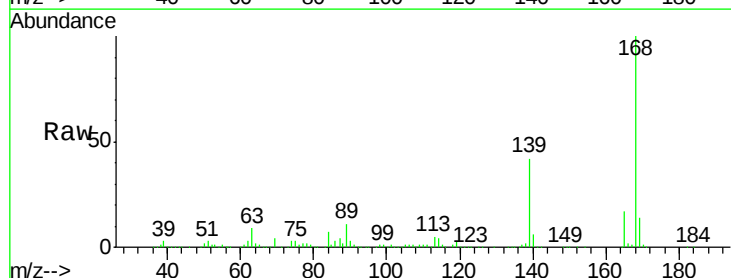
RT: 10.04 min Scan# 678

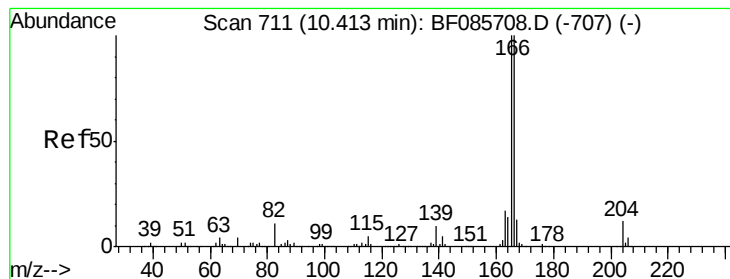
Delta R.T. -0.00 min

Lab File: BF085945.D

Acq: 31 Mar 2016 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	143026		
63	51.0	24.9	37.3	
89	65.6	41.0	61.6	
182	2.7	2.1	3.1	





#57

Fluorene

Concen: 35.40 ng

RT: 10.38 min Scan# 708

Delta R.T. -0.01 min

Lab File: BF085945.D

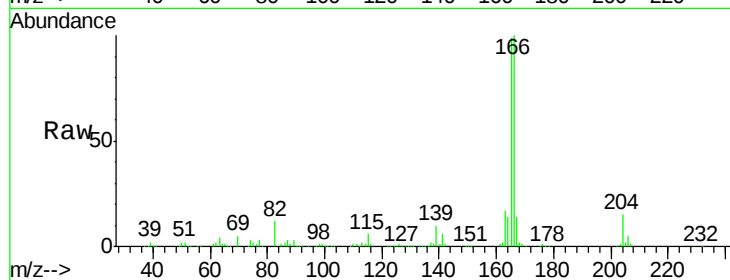
Acq: 31 Mar 2016 23:41

Instrument :

BNA_F

ClientSampleId :

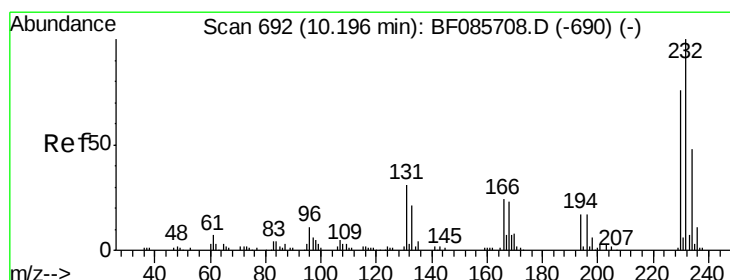
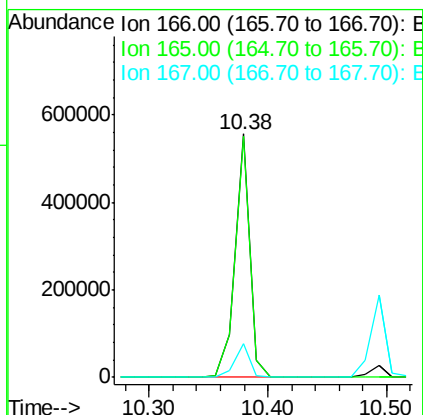
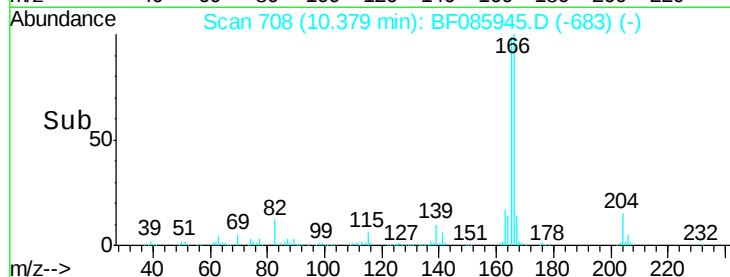
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Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.4	119.0
167	13.6	11.0	16.4

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#58

2,3,4,6-Tetrachlorophenol

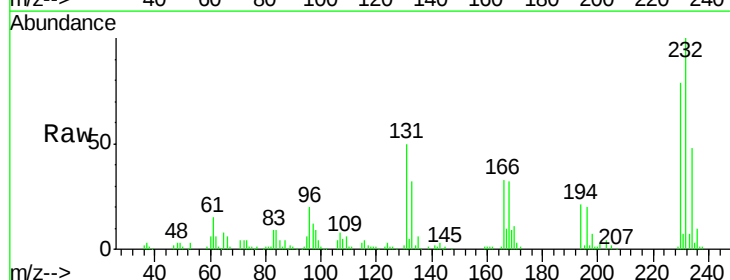
Concen: 38.12 ng

RT: 10.16 min Scan# 689

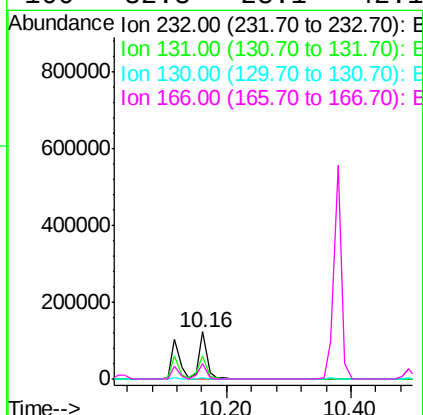
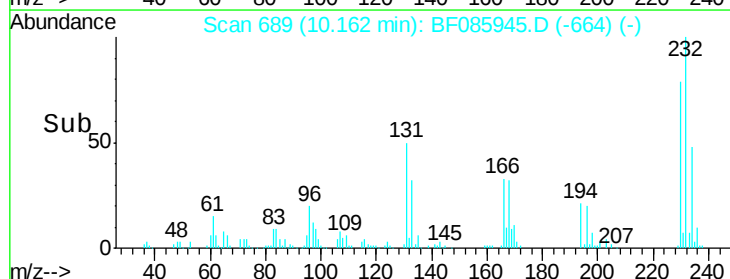
Delta R.T. -0.01 min

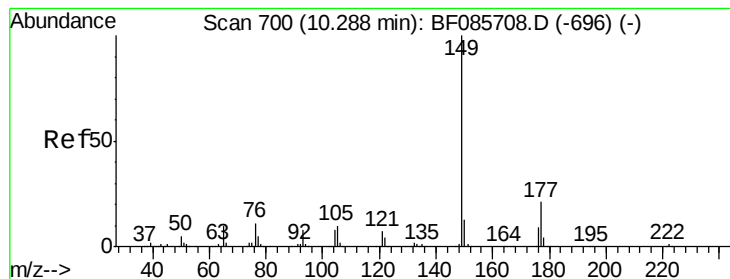
Lab File: BF085945.D

Acq: 31 Mar 2016 23:41



Tgt Ion	Ratio	Lower	Upper
232	100		
131	53.9	44.9	67.3
130	2.6	2.3	3.5
166	32.3	28.1	42.1





#59

Diethylphthalate

Concen: 32.57 ng

RT: 10.25 min Scan# 697

Delta R.T. -0.01 min

Lab File: BF085945.D

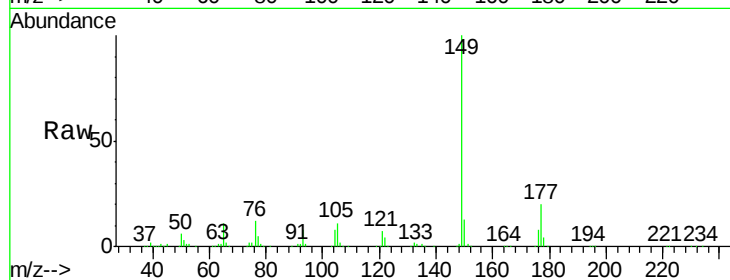
Acq: 31 Mar 2016 23:41

Instrument :

BNA_F

ClientSampled :

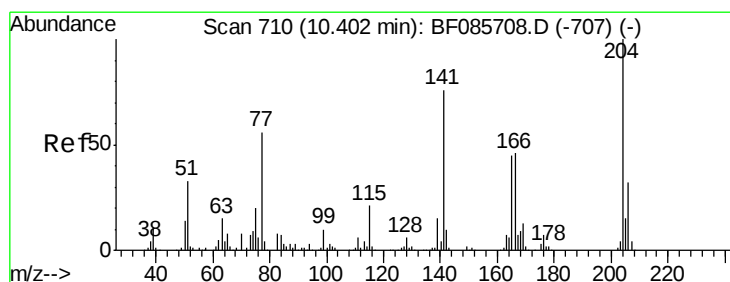
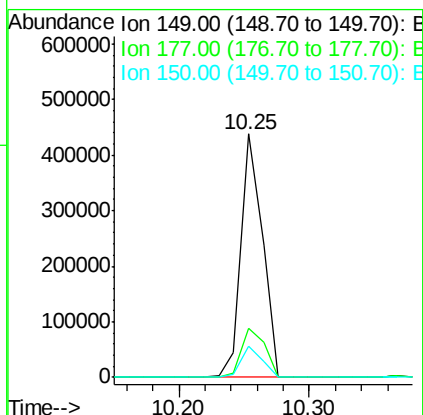
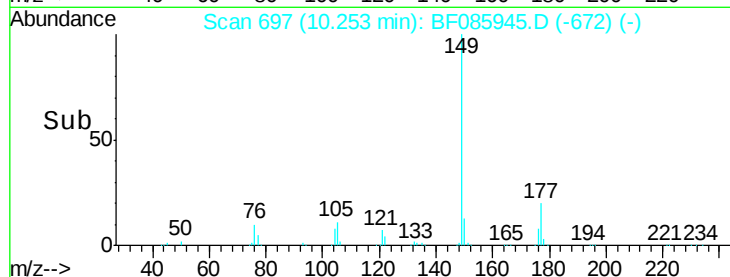
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Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.3	17.9	26.9
150	12.9	10.2	15.2

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#60

4-Chlorophenyl-phenylether

Concen: 31.55 ng

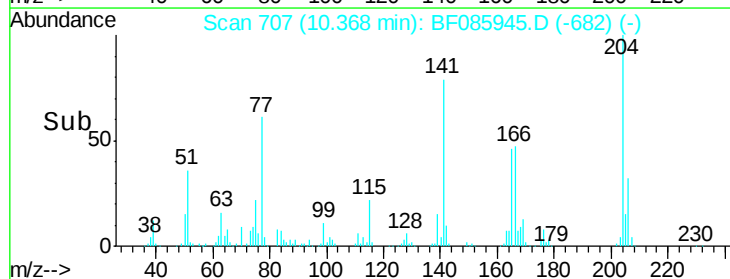
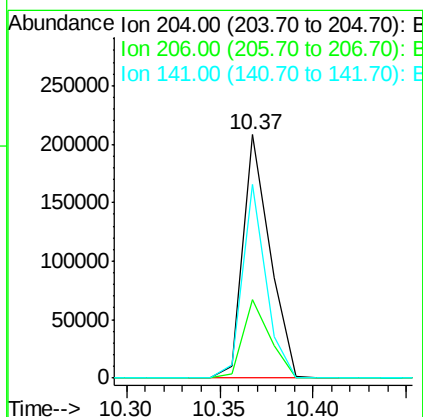
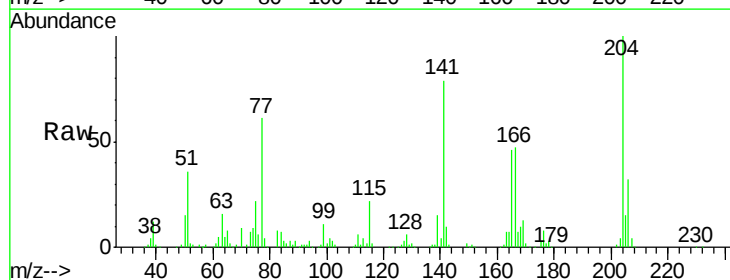
RT: 10.37 min Scan# 707

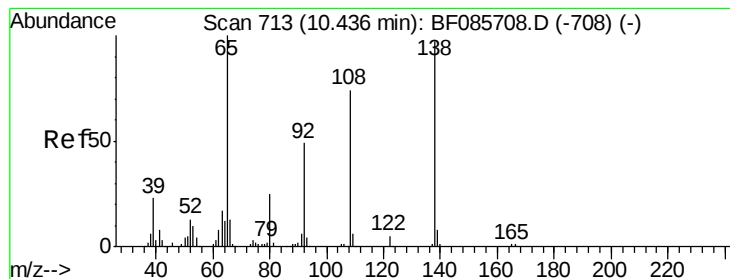
Delta R.T. -0.01 min

Lab File: BF085945.D

Acq: 31 Mar 2016 23:41

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.6	39.8
141	79.4	57.4	86.0





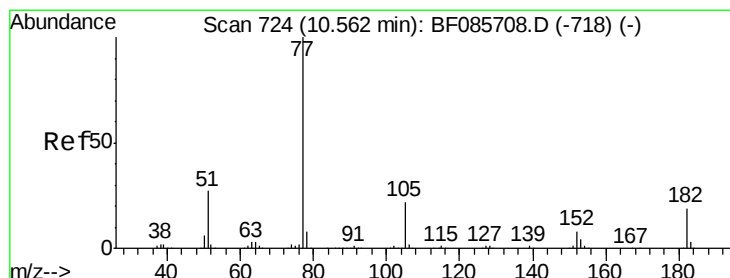
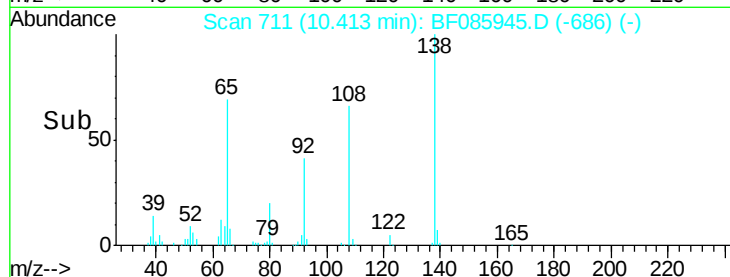
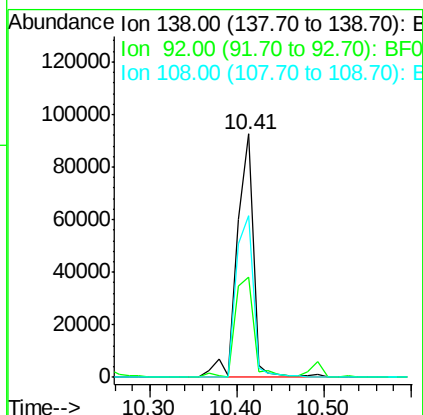
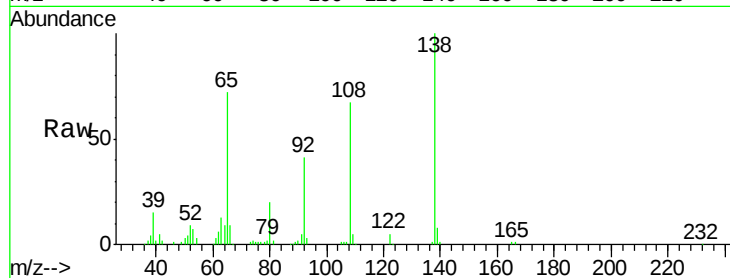
#61
4-Nitroaniline
Concen: 32.55 ng
RT: 10.41 min Scan# 711
Delta R.T. -0.01 min
Lab File: BF085945.D
Acq: 31 Mar 2016 23:41

Instrument :
BNA_F
ClientSampleId :
PB89327BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	118885		
92	41.1	26.4	66.4	
108	66.5	49.0	89.0	

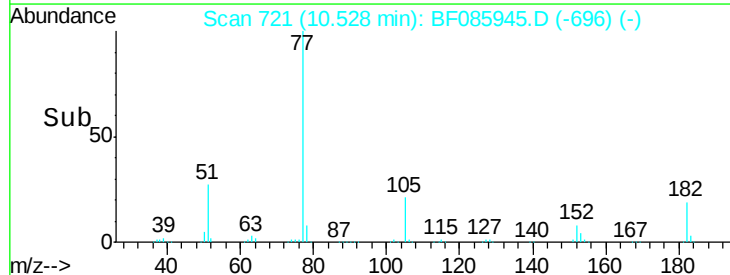
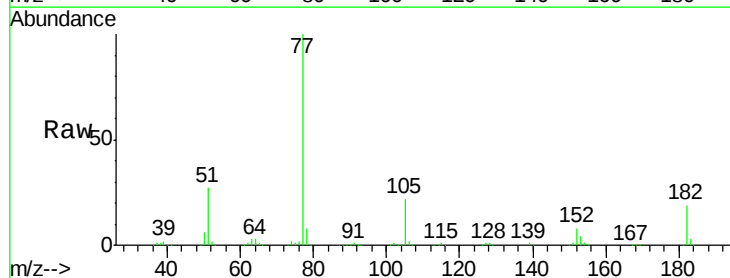
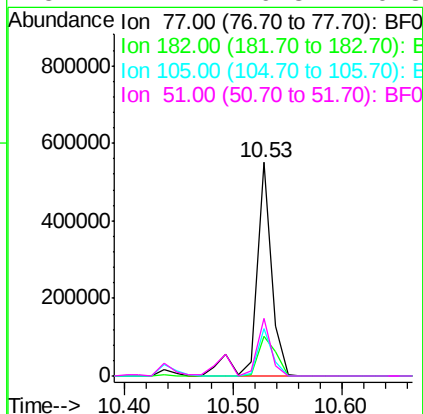
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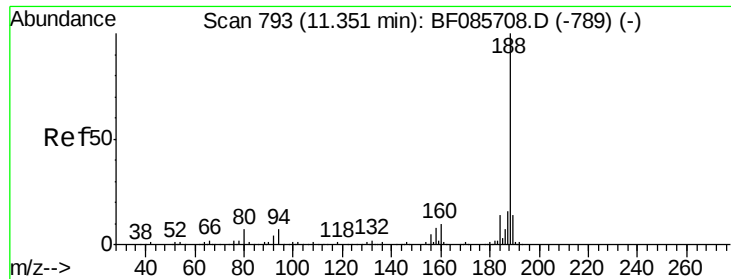
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#62
Azobenzene
Concen: 37.23 ng
RT: 10.53 min Scan# 721
Delta R.T. -0.01 min
Lab File: BF085945.D
Acq: 31 Mar 2016 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	547985		
182	18.6	1.9	41.9	
105	22.2	3.5	43.5	
51	27.1	6.3	46.3	





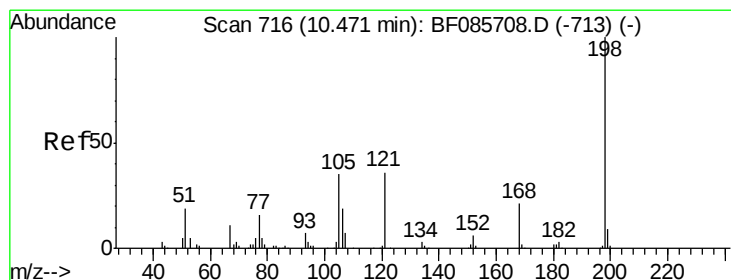
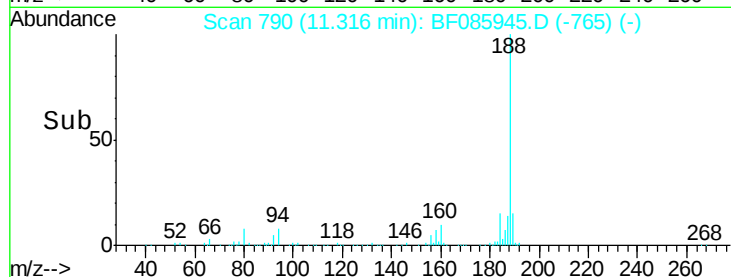
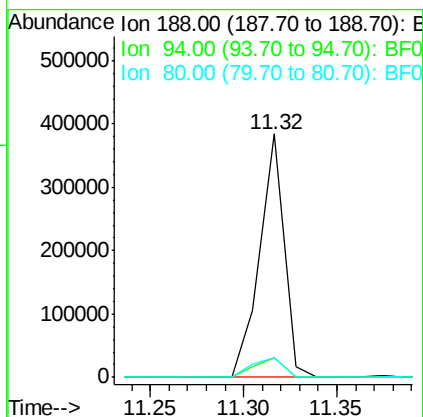
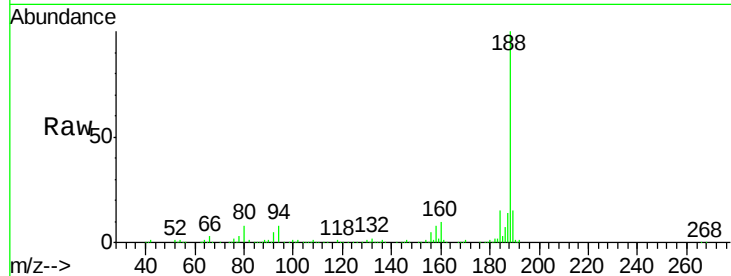
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF085945.D
Acq: 31 Mar 2016 23:41

Instrument :
BNA_F
ClientSampleId :
PB89327BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.0	5.4	8.0
80	8.1	5.5	8.3

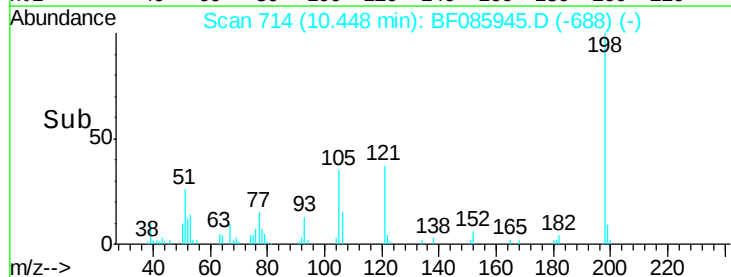
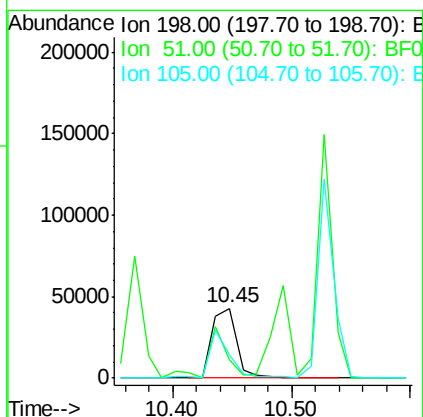
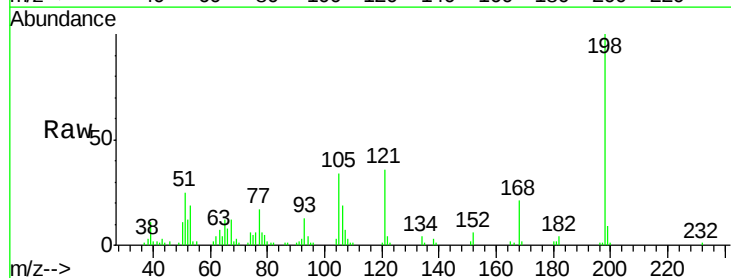
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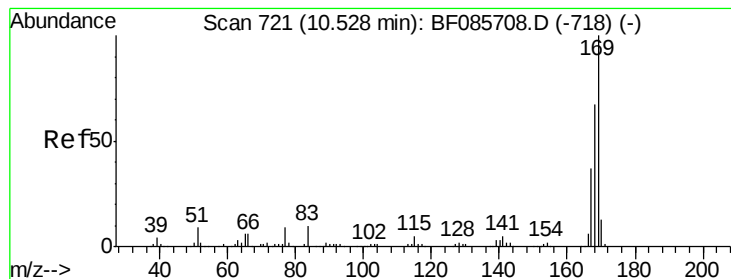
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#64
4,6-Dinitro-2-methylphenol
Concen: 30.10 ng
RT: 10.45 min Scan# 714
Delta R.T. -0.00 min
Lab File: BF085945.D
Acq: 31 Mar 2016 23:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	25.3	45.4	85.4#
105	34.0	45.9	85.9#





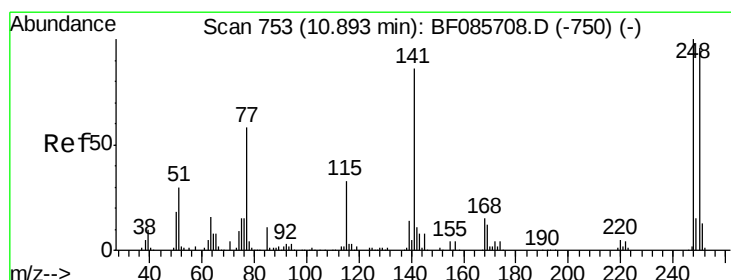
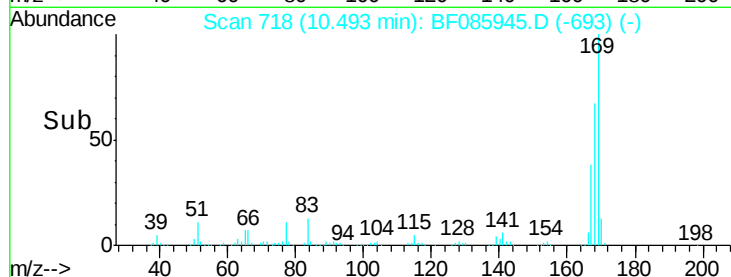
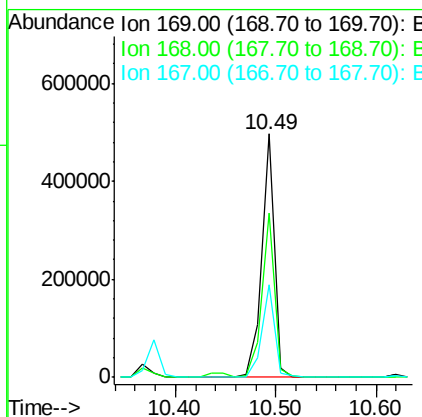
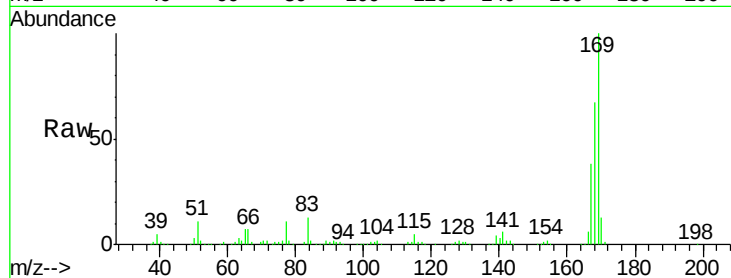
#65
n-Nitrosodiphenylamine
Concen: 39.15 ng
RT: 10.49 min Scan# 718
Delta R.T. -0.01 min
Lab File: BF085945.D
Acq: 31 Mar 2016 23:41

Instrument :
BNA_F
ClientSampleId :
PB89327BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	434582		
168	67.3	54.4	81.6	
167	38.0	29.4	44.0	

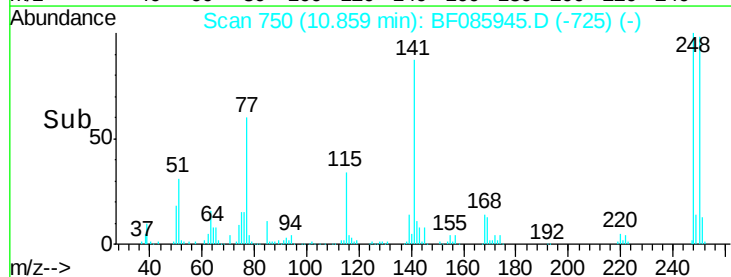
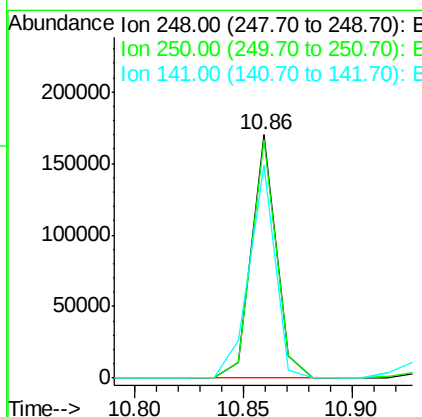
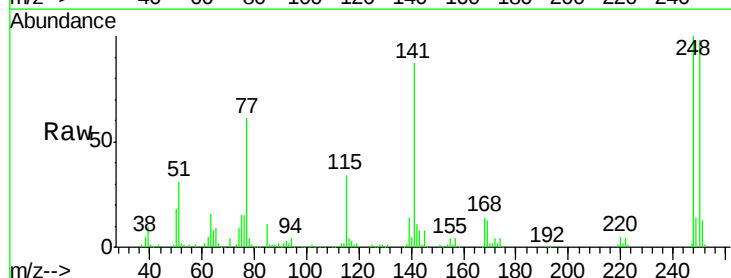
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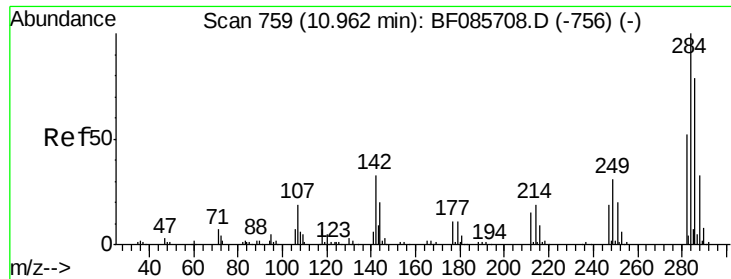
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#66
4-Bromophenyl-phenylether
Concen: 37.79 ng
RT: 10.86 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF085945.D
Acq: 31 Mar 2016 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	135531		
250	98.2	77.4	116.0	
141	87.4	63.6	95.4	





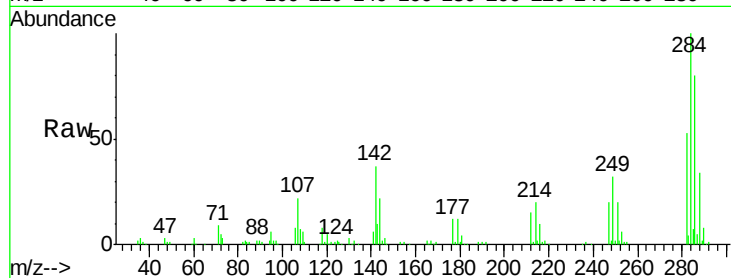
#67
Hexachlorobenzene
Concen: 36.99 ng
RT: 10.93 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF085945.D
Acq: 31 Mar 2016 23:41

Instrument :
BNA_F
ClientSampleId :
PB89327BS

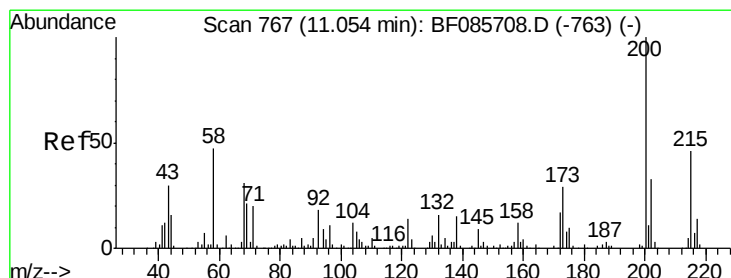
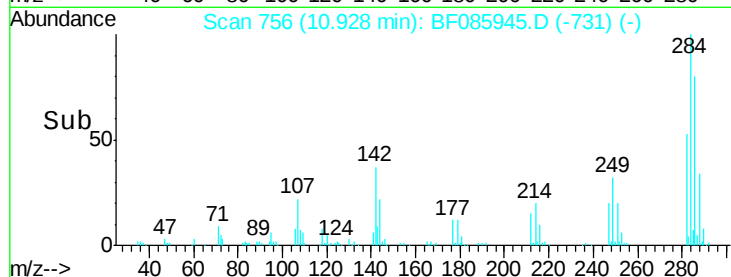
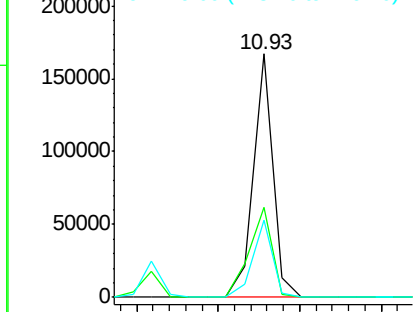
Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	36.8	23.1	34.7#
249	31.8	24.2	36.2

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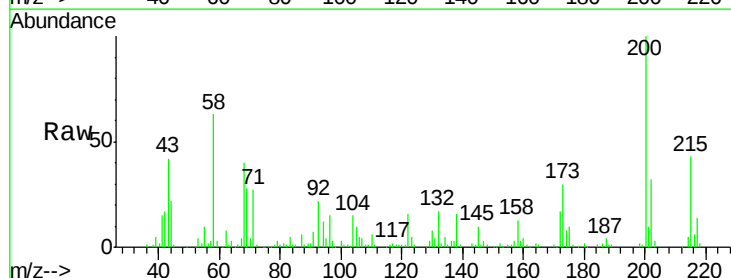


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

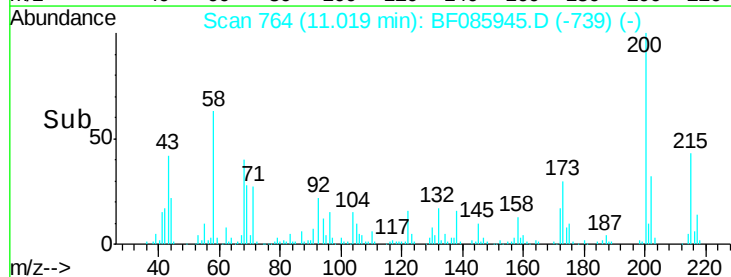
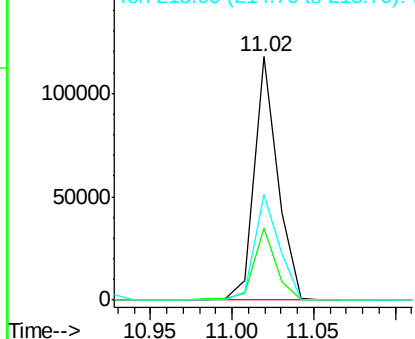


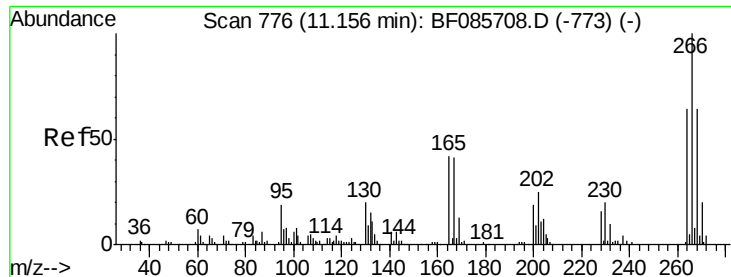
#68
Atrazine
Concen: 31.31 ng
RT: 11.02 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF085945.D
Acq: 31 Mar 2016 23:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	29.6	7.7	47.7
215	43.1	25.4	65.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





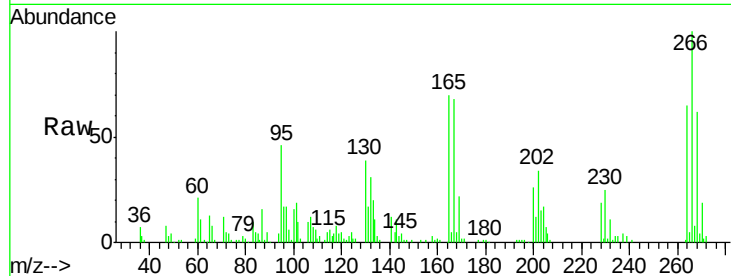
#69
 Pentachlorophenol
 Concen: 60.64 ng
 RT: 11.12 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BF085945.D
 Acq: 31 Mar 2016 23:41

Instrument :
 BNA_F
 ClientSampleId :
 PB89327BS

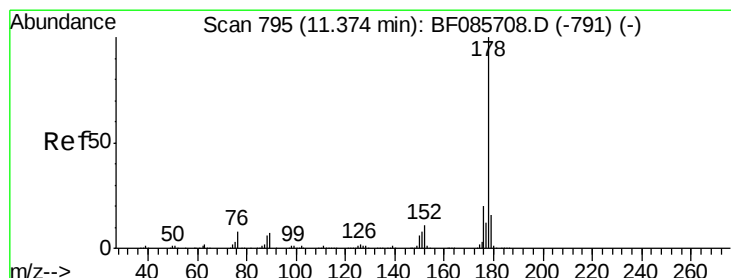
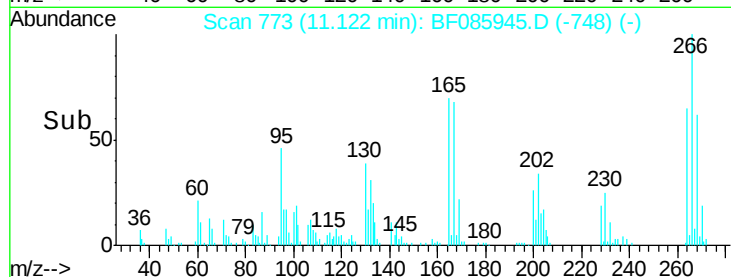
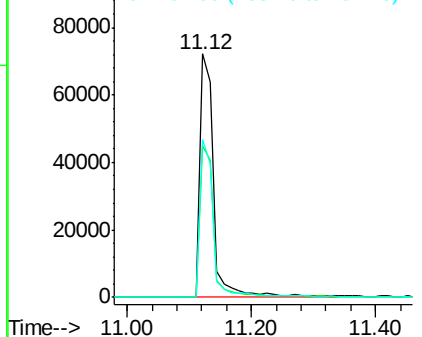
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	111637		
268	62.2	51.5	77.3	
264	65.0	50.6	76.0	

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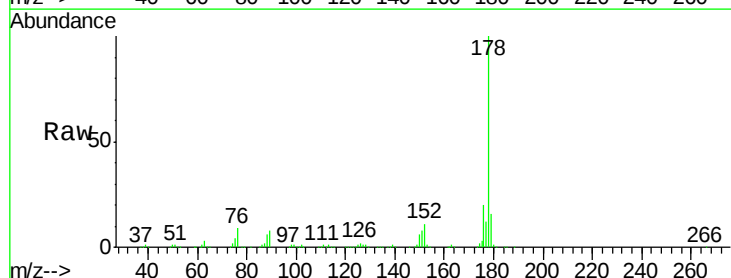


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

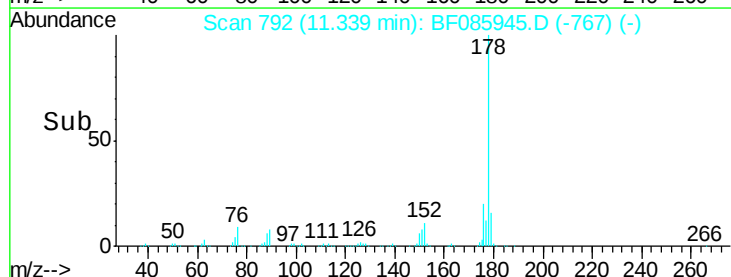
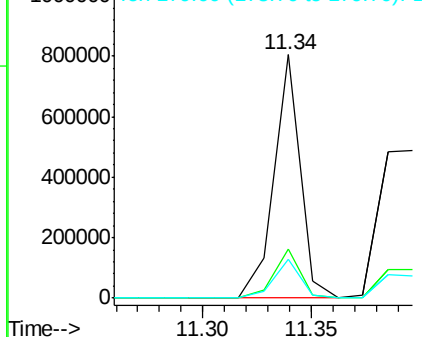


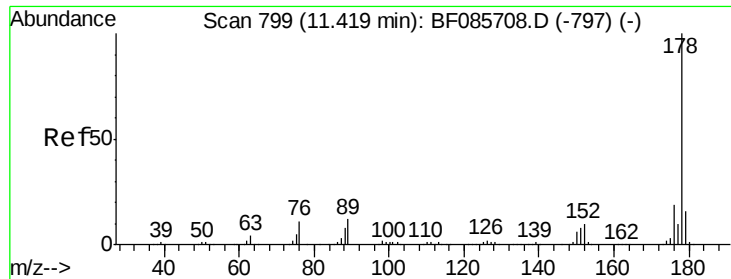
#70
 Phenanthrene
 Concen: 38.01 ng
 RT: 11.34 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF085945.D
 Acq: 31 Mar 2016 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	684147		
176	20.4	16.3	24.5	
179	15.9	12.6	18.8	



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





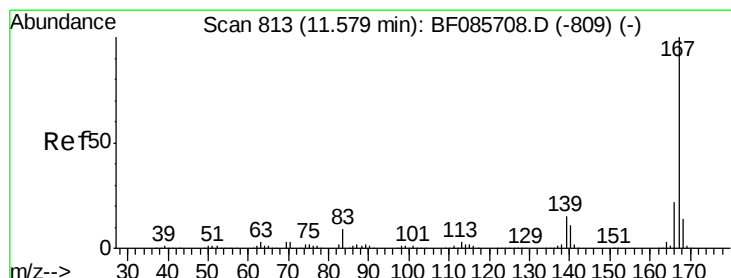
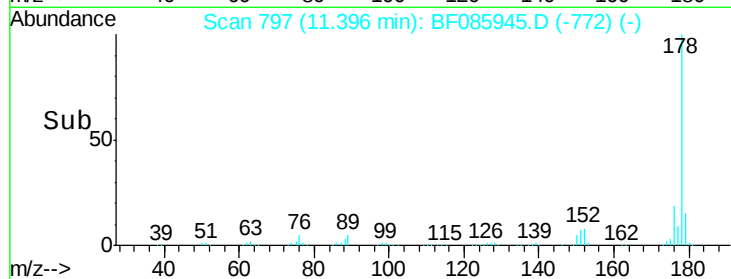
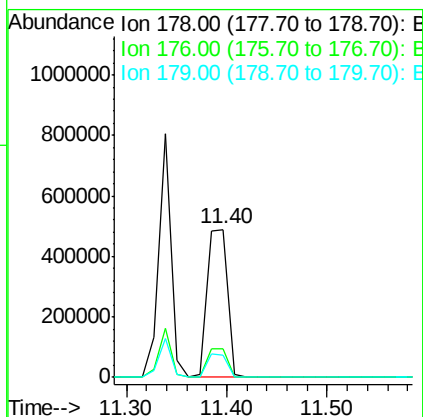
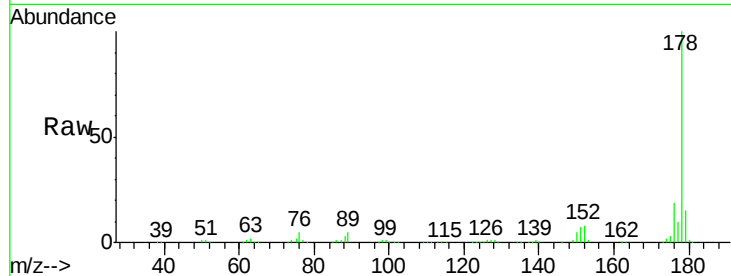
#71
 Anthracene
 Concen: 36.27 ng
 RT: 11.40 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF085945.D
 Acq: 31 Mar 2016 23:41

Instrument :
 BNA_F
 ClientSampleId :
 PB89327BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.9	23.9
179	15.2	13.0	19.4

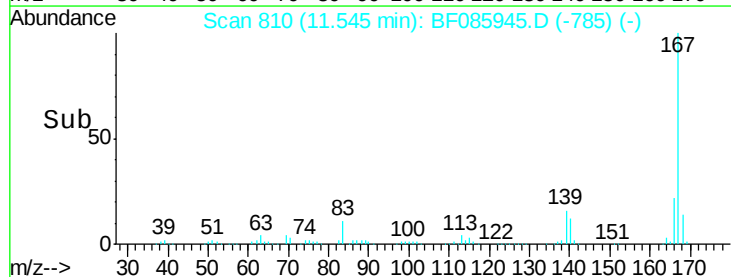
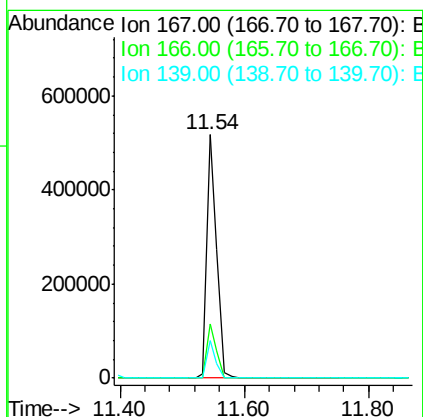
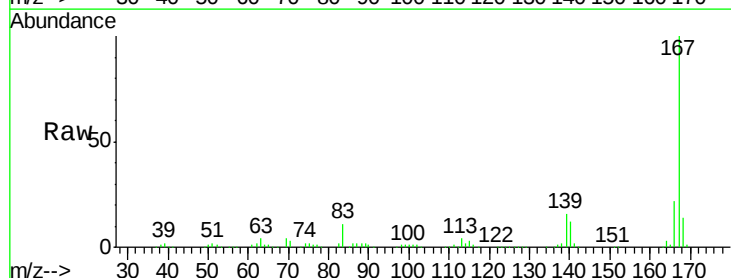
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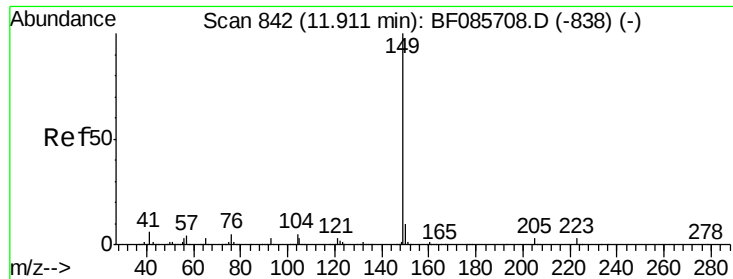
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#72
 Carbazole
 Concen: 35.62 ng
 RT: 11.54 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF085945.D
 Acq: 31 Mar 2016 23:41

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.8	26.8
139	15.6	11.6	17.4





#73

Di-n-butylphthalate

Concen: 35.62 ng

RT: 11.88 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF085945.D

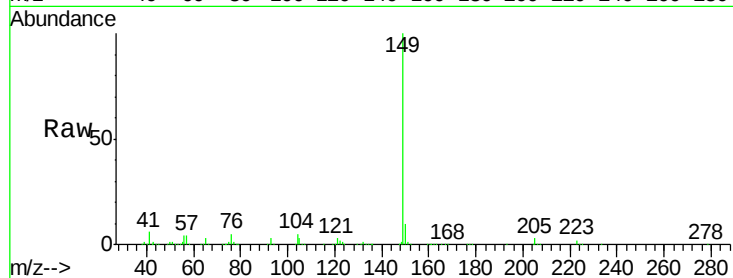
Acq: 31 Mar 2016 23:41

Instrument :

BNA_F

ClientSampleId :

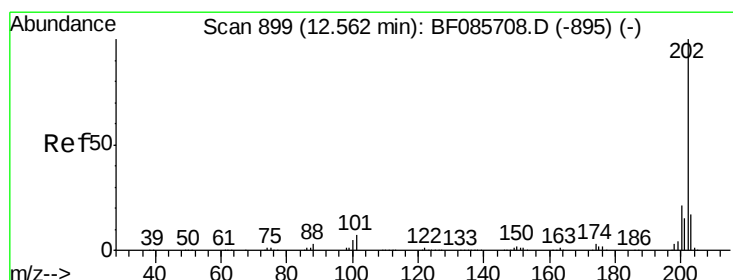
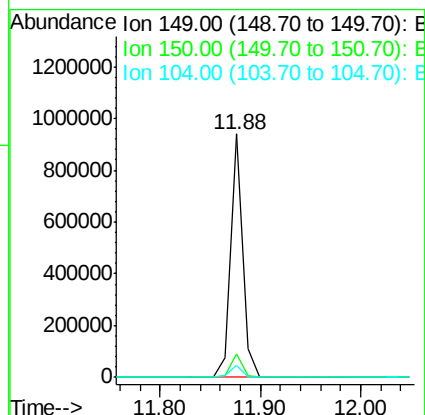
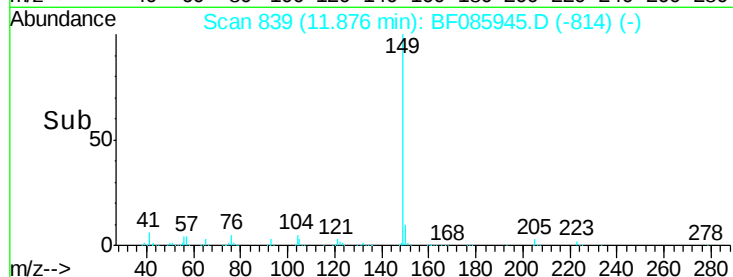
PB89327BS



Tgt Ion:	149	Resp:	775282
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.6	11.4
104	5.0	3.8	5.8

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#74

Fluoranthene

Concen: 31.07 ng

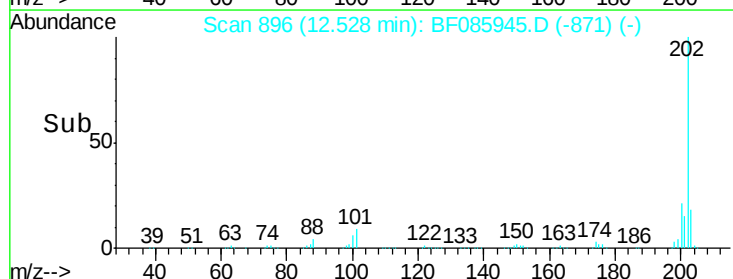
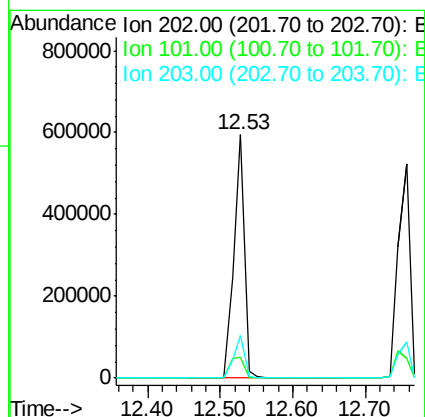
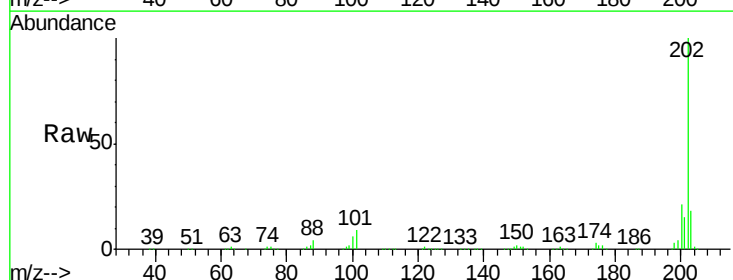
RT: 12.53 min Scan# 896

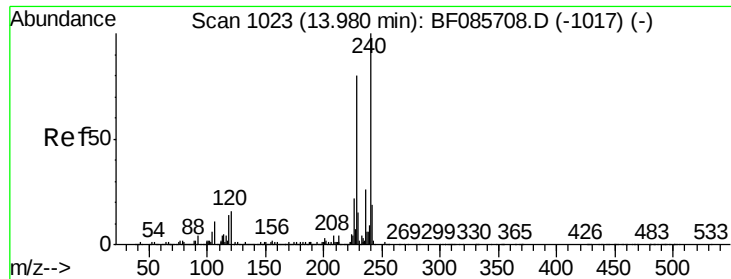
Delta R.T. -0.01 min

Lab File: BF085945.D

Acq: 31 Mar 2016 23:41

Tgt Ion:	202	Resp:	594372
Ion Ratio	Lower	Upper	
202	100		
101	8.8	0.0	36.6
203	17.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1020

Delta R.T. -0.02 min

Lab File: BF085945.D

Acq: 31 Mar 2016 23:41

Instrument :

BNA_F

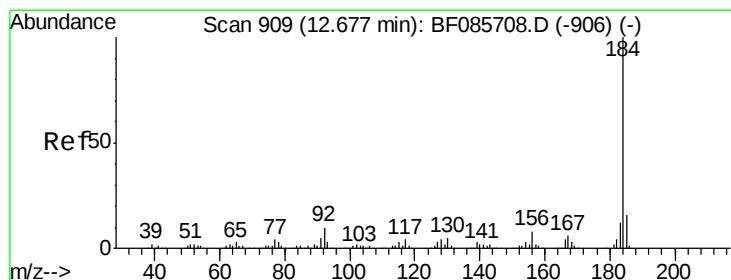
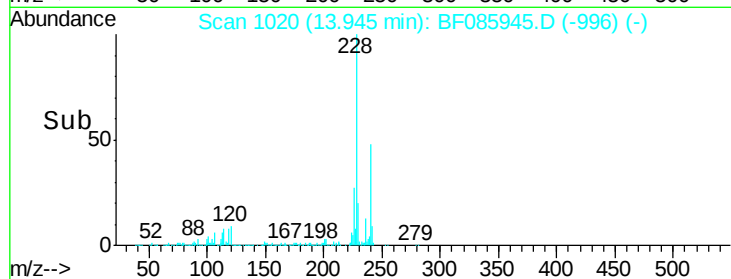
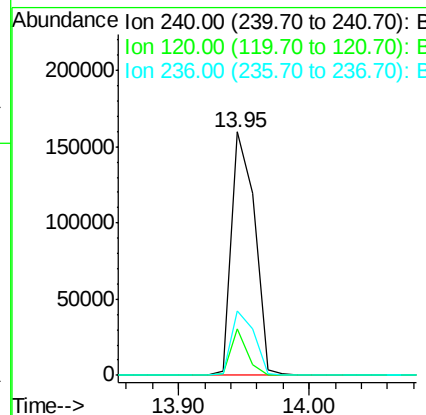
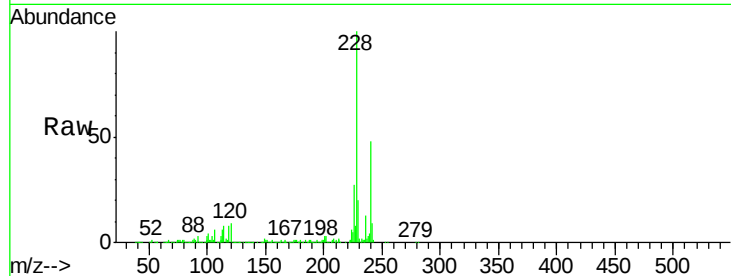
ClientSampleId :

PB89327BS

Tgt Ion:	240	Resp:	197412
Ion Ratio	Lower	Upper	
240	100		
120	19.1	13.8	20.8
236	26.5	20.6	30.8

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#76

Benzidine

Concen: 33.45 ng

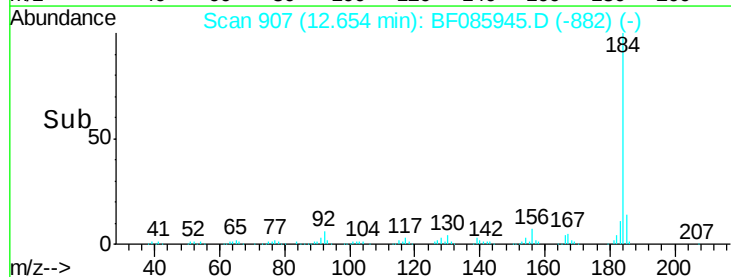
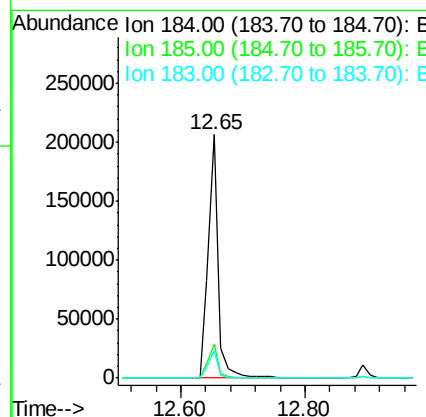
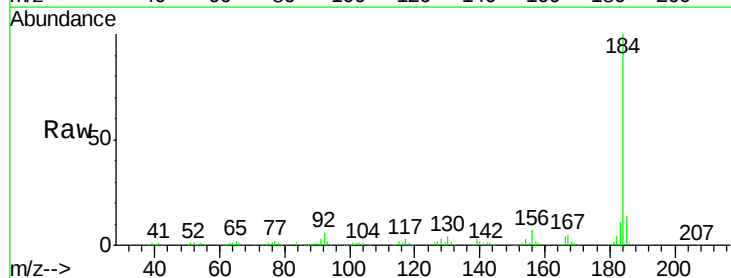
RT: 12.65 min Scan# 907

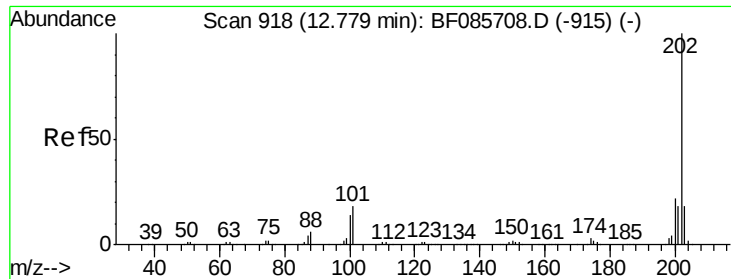
Delta R.T. -0.01 min

Lab File: BF085945.D

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Tgt Ion:	184	Resp:	232532
Ion Ratio	Lower	Upper	
184	100		
185	13.9	12.4	18.6
183	11.4	9.4	14.2





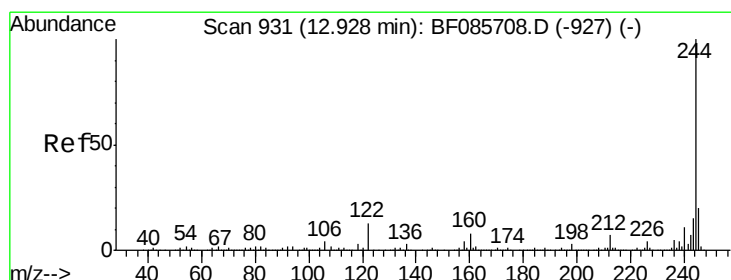
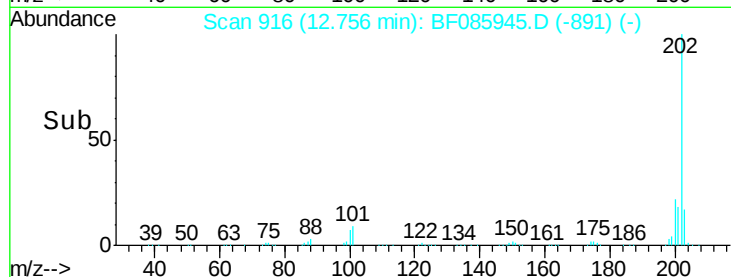
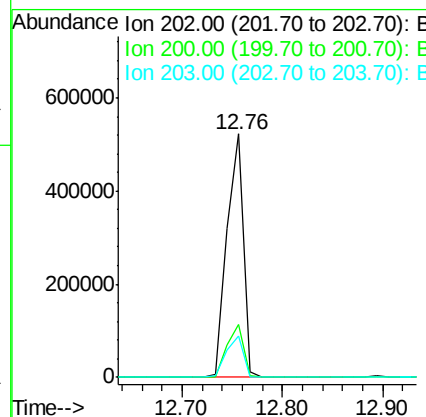
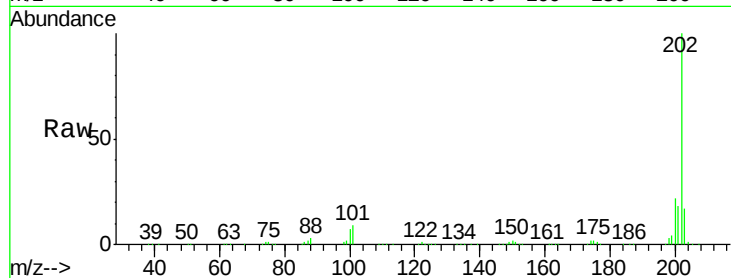
#77
 Pyrene
 Concen: 36.55 ng
 RT: 12.76 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: BF085945.D
 Acq: 31 Mar 2016 23:41

Instrument :
 BNA_F
 ClientSampleId :
 PB89327BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.6	17.6	26.4
203	17.2	14.0	21.0

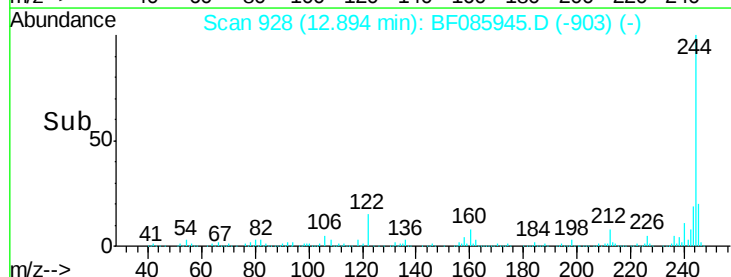
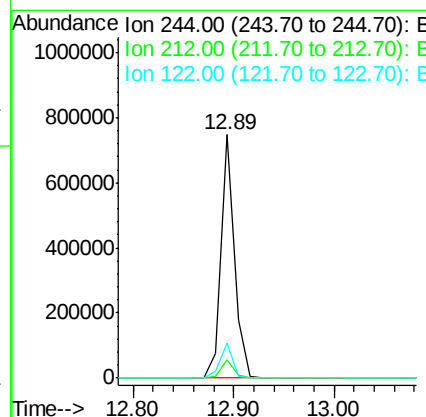
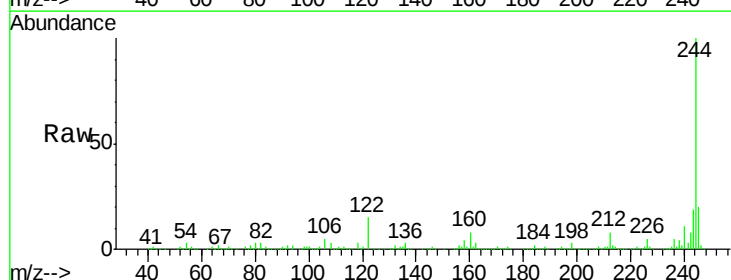
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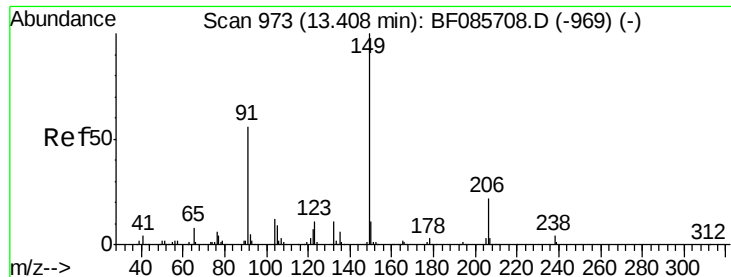
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#78
 Terphenyl-d14
 Concen: 72.29 ng
 RT: 12.89 min Scan# 928
 Delta R.T. -0.01 min
 Lab File: BF085945.D
 Acq: 31 Mar 2016 23:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.6	6.1	9.1
122	14.5	10.2	15.4





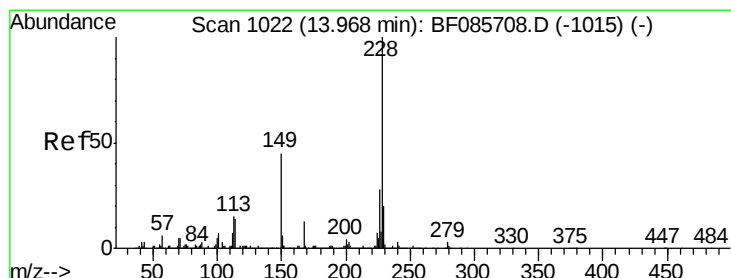
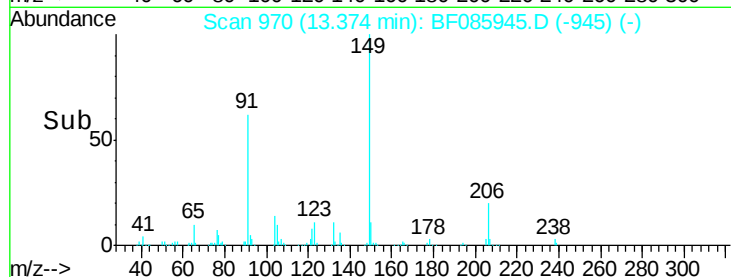
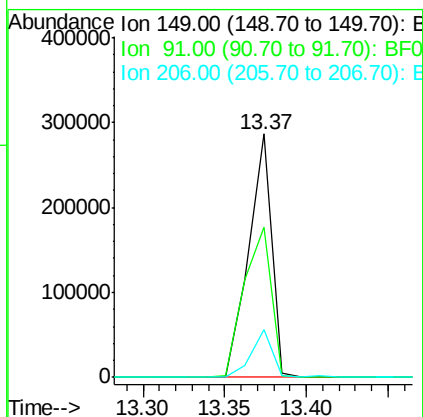
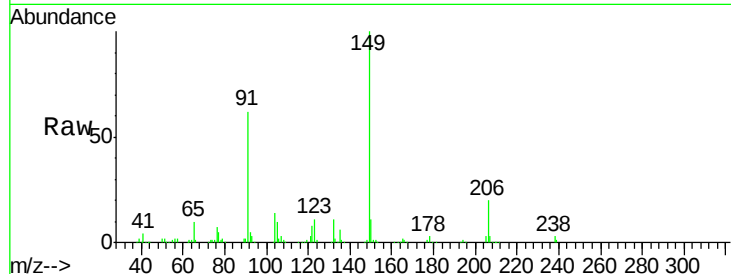
#79
Butylbenzylphthalate
Concen: 41.41 ng
RT: 13.37 min Scan# 970
Delta R.T. -0.01 min
Lab File: BF085945.D
Acq: 31 Mar 2016 23:41

Instrument :
BNA_F
ClientSampleId :
PB89327BS

Tgt Ion:	149	Resp:	281414
Ion Ratio	Lower	Upper	
149	100		
91	61.6	45.8	68.8
206	19.8	17.8	26.8

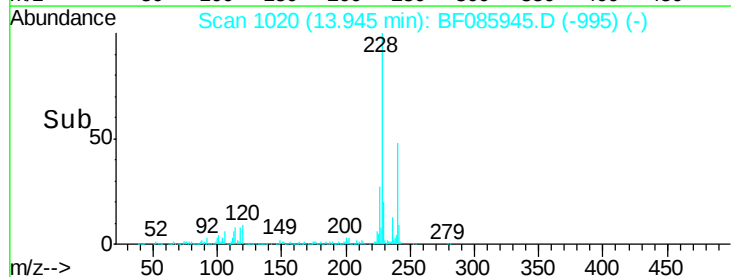
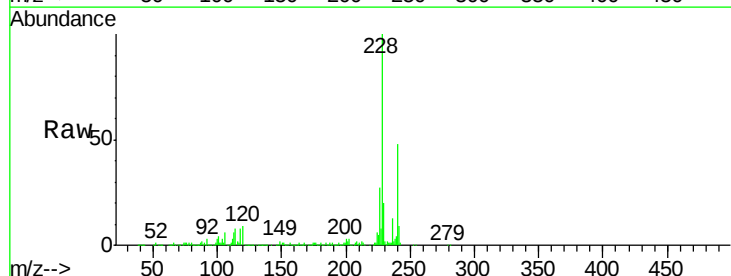
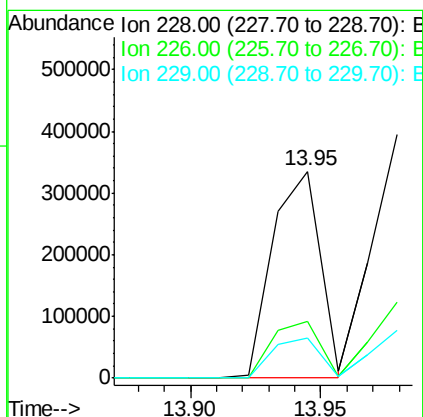
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#80
Benzo(a)anthracene
Concen: 37.94 ng
RT: 13.95 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF085945.D
Acq: 31 Mar 2016 23:41

Tgt Ion:	228	Resp:	427072
Ion Ratio	Lower	Upper	
228	100		
226	27.2	22.1	33.1
229	19.7	16.2	24.4





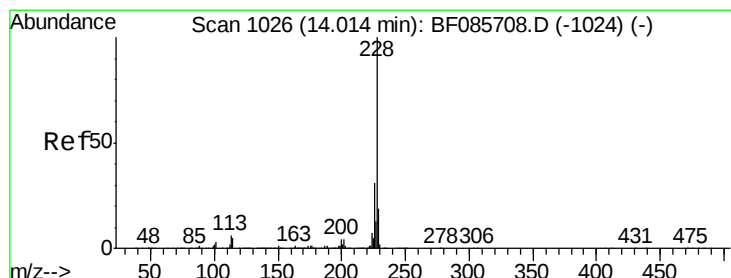
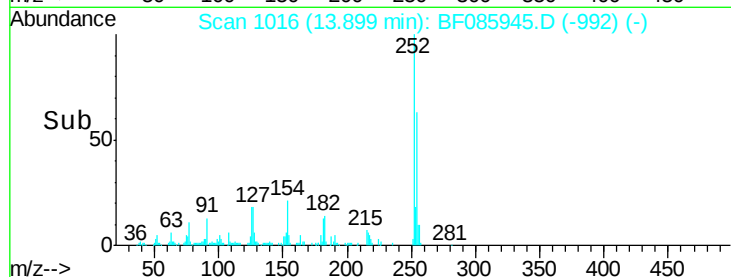
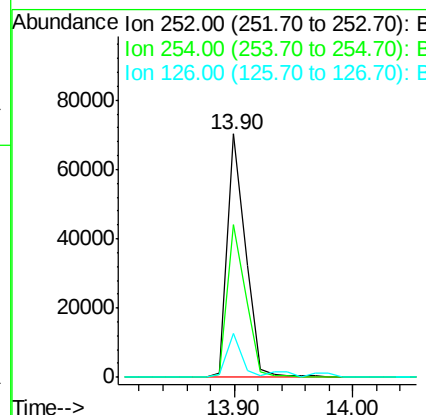
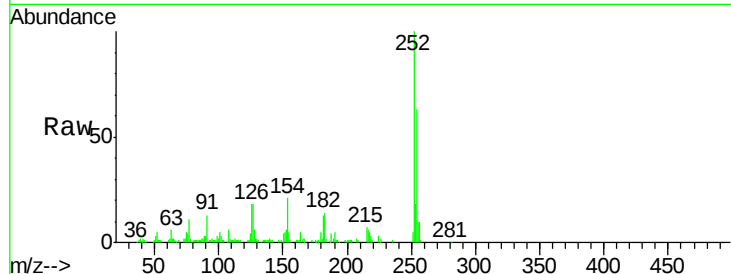
#81
 3,3'-Dichlorobenzidine
 Concen: 9.51 ng
 RT: 13.90 min Scan# 1016
 Delta R.T. -0.02 min
 Lab File: BF085945.D
 Acq: 31 Mar 2016 23:41

Instrument :
 BNA_F
 ClientSampleId :
 PB89327BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.6	50.7	76.1
126	18.0	11.8	17.6

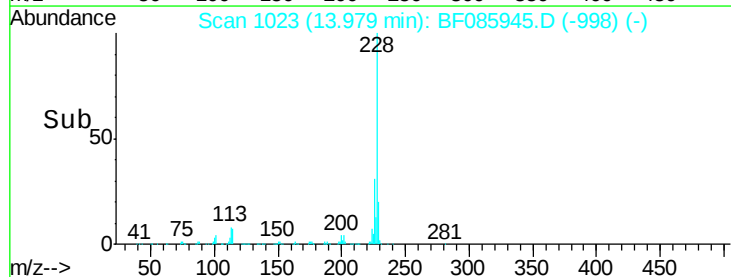
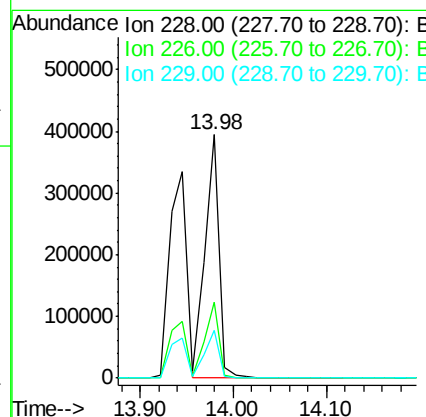
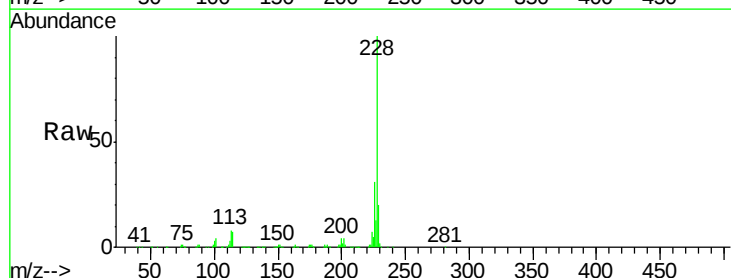
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#82
 Chrysene
 Concen: 36.77 ng
 RT: 13.98 min Scan# 1023
 Delta R.T. -0.01 min
 Lab File: BF085945.D
 Acq: 31 Mar 2016 23:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	19.5	15.7	23.5





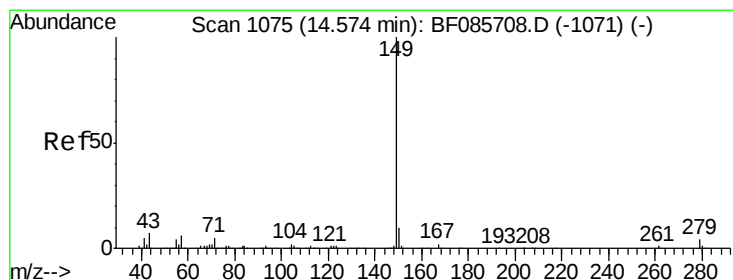
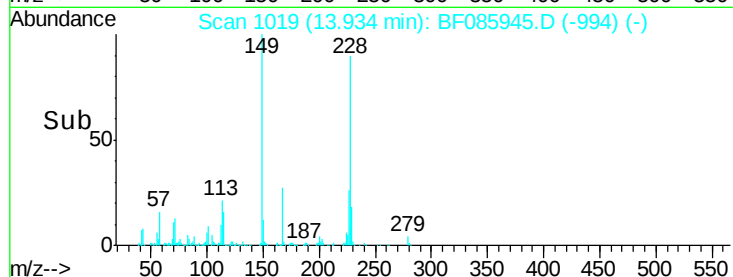
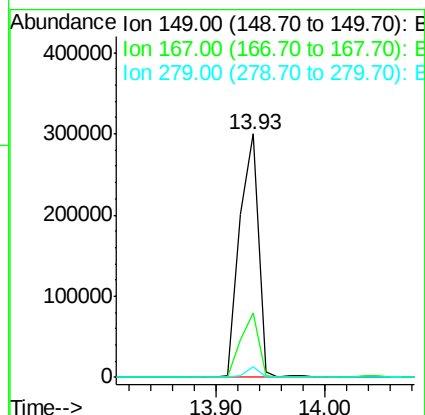
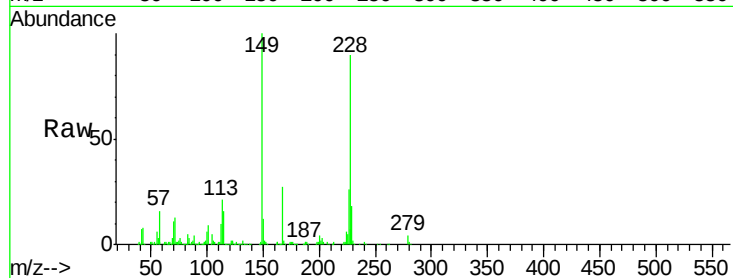
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.27 ng
 RT: 13.93 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BF085945.D
 Acq: 31 Mar 2016 23:41

Instrument :
 BNA_F
 ClientSampleId :
 PB89327BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	26.7	19.4	29.2
279	4.3	1.5	2.3

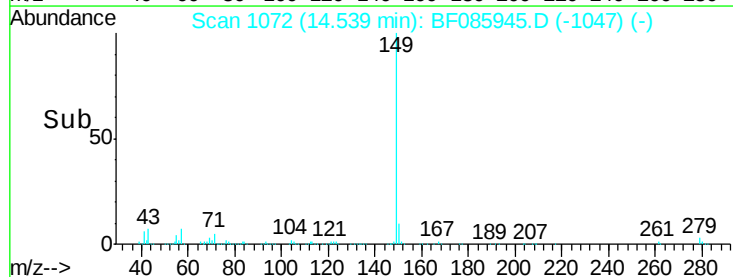
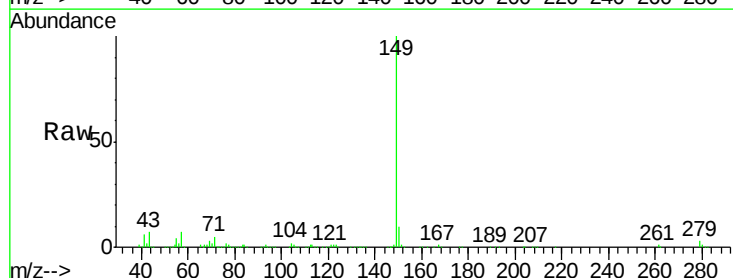
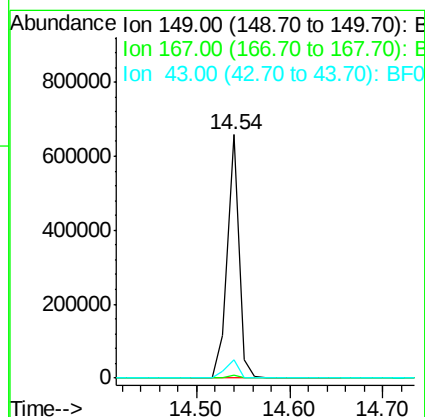
Manual Integrations
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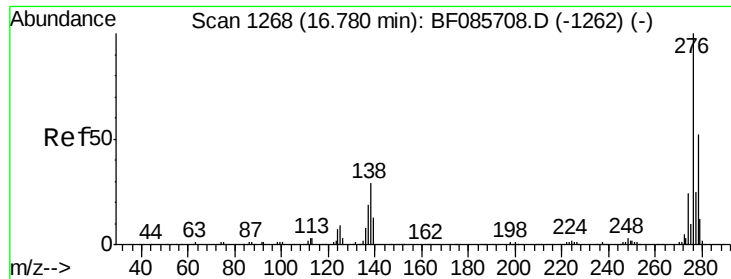
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#84
 Di-n-octyl phthalate
 Concen: 47.33 ng
 RT: 14.54 min Scan# 1072
 Delta R.T. -0.01 min
 Lab File: BF085945.D
 Acq: 31 Mar 2016 23:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.5	1.2	1.8
43	8.5	7.1	10.7





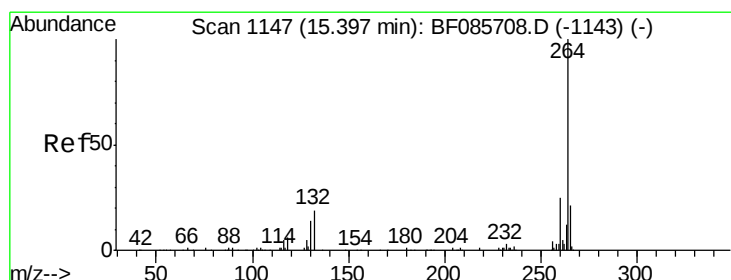
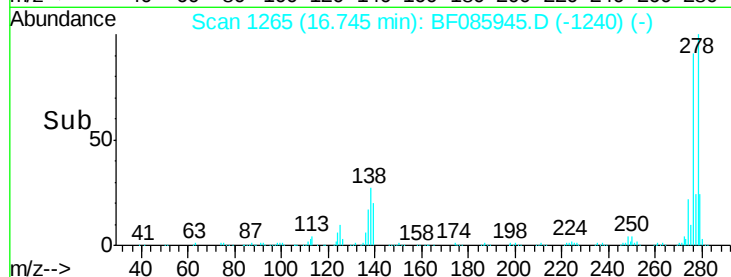
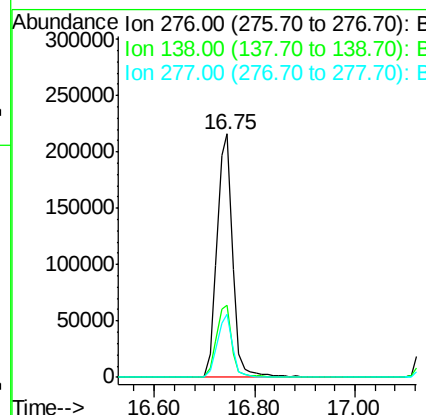
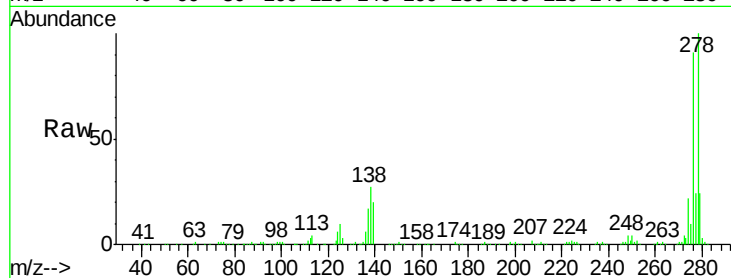
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 53.42 ng
 RT: 16.75 min Scan# 1265
 Delta R.T. -0.01 min
 Lab File: BF085945.D
 Acq: 31 Mar 2016 23:41

Instrument :
 BNA_F
 ClientSampleId :
 PB89327BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.4	24.2	36.4
277	25.0	20.0	30.0

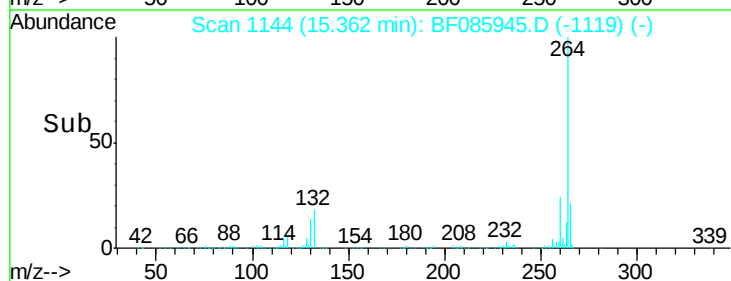
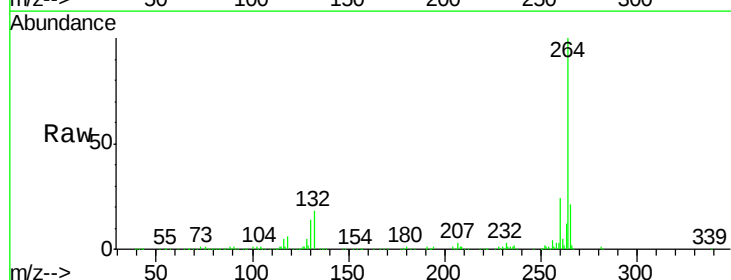
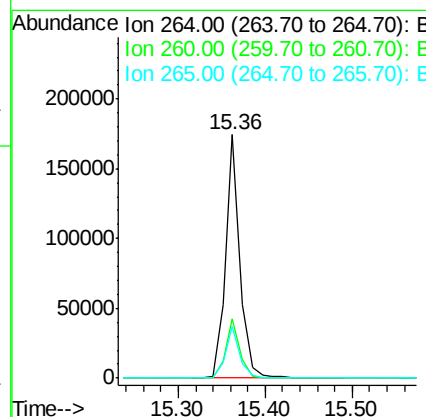
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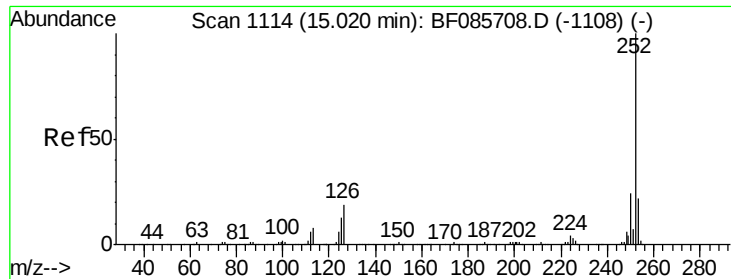
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BF085945.D
 Acq: 31 Mar 2016 23:41

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	21.4	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 32.52 ng m

RT: 14.96 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BF085945.D

Acq: 31 Mar 2016 23:41

Instrument :

BNA_F

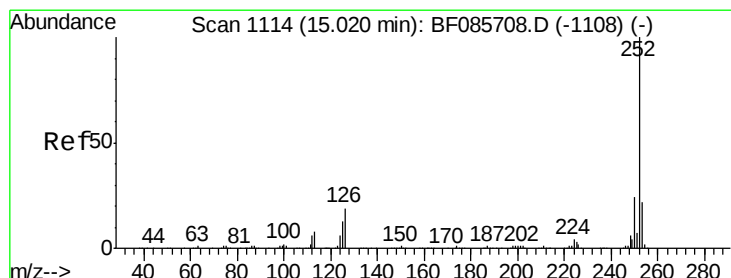
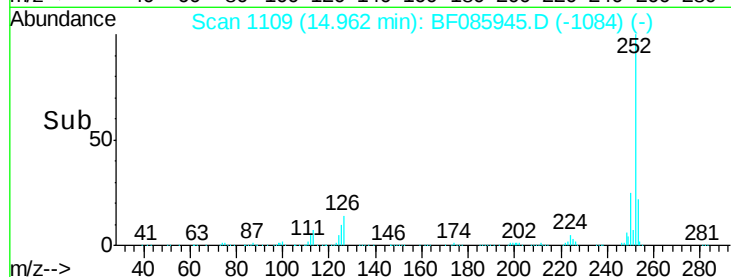
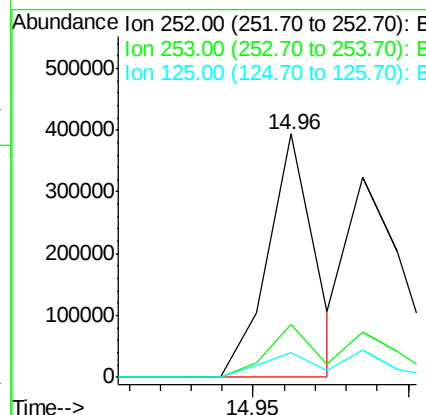
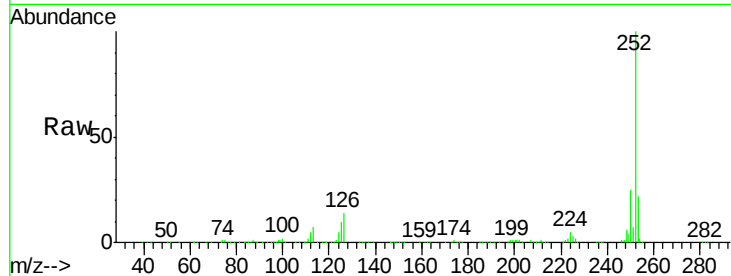
ClientSampleId :

PB89327BS

Tgt	Ion	Ratio	Lower	Upper
252	100			
253	21.8	17.6	26.4	
125	10.3	10.3	15.5	

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#88

Benzo(k)fluoranthene

Concen: 33.06 ng m

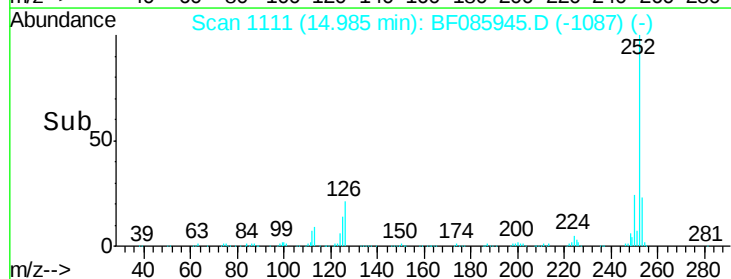
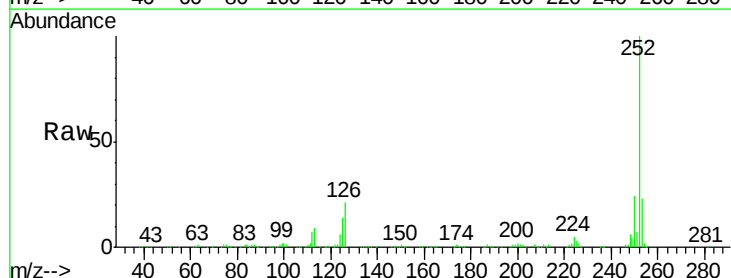
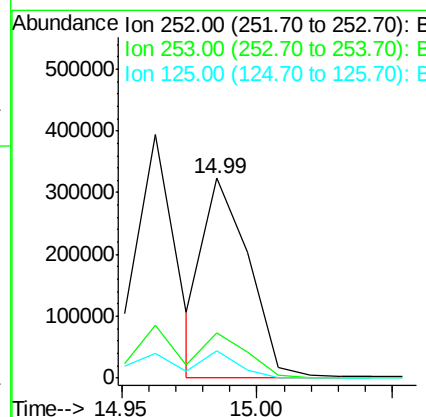
RT: 14.99 min Scan# 1111

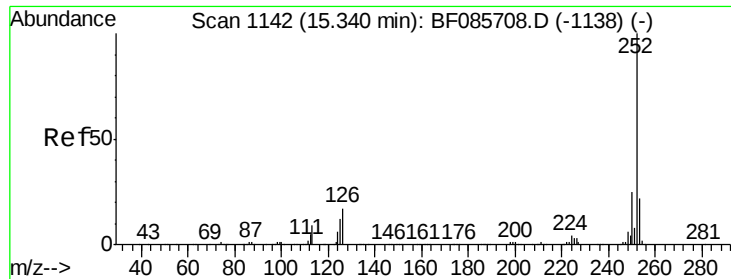
Delta R.T. -0.02 min

Lab File: BF085945.D

Acq: 31 Mar 2016 23:41

Tgt	Ion	Ratio	Lower	Upper
252	100			
253	22.5	17.8	26.6	
125	13.9	7.7	11.5#	





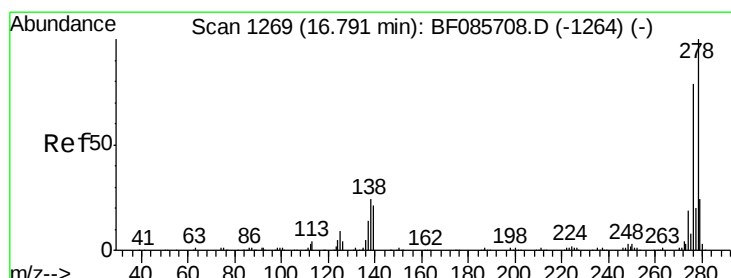
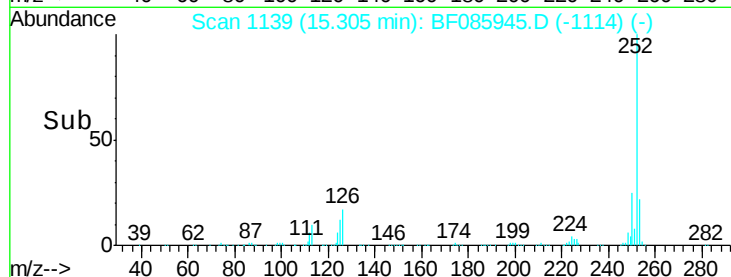
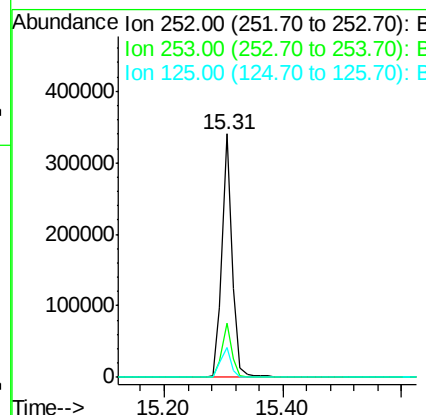
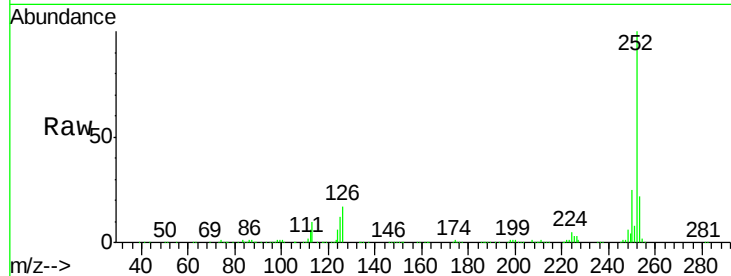
#89
Benzo(a)pyrene
Concen: 36.16 ng
RT: 15.31 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BF085945.D
Acq: 31 Mar 2016 23:41

Instrument :
BNA_F
ClientSampleId :
PB89327BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.0
125	12.3	10.3	15.5

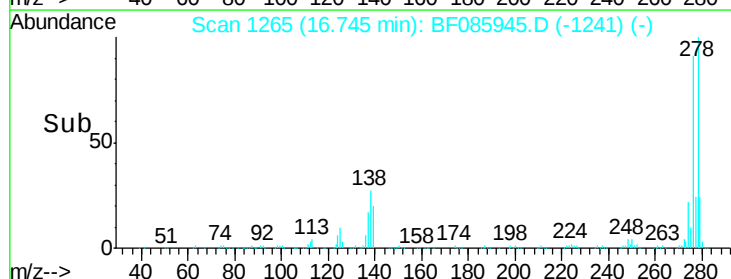
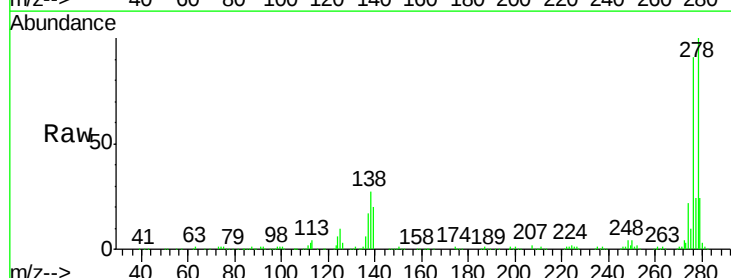
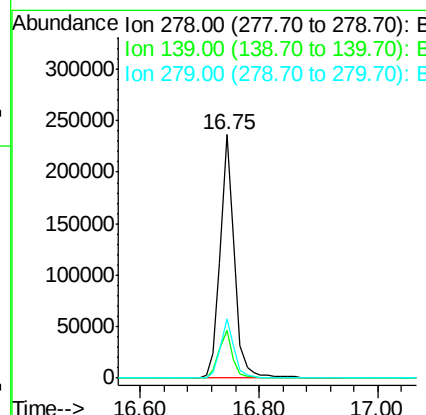
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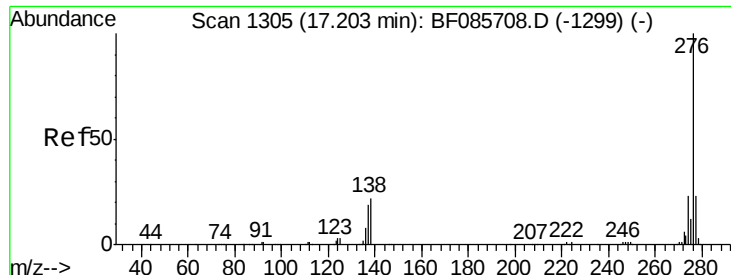
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#90
Dibenzo(a,h)anthracene
Concen: 37.41 ng
RT: 16.75 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF085945.D
Acq: 31 Mar 2016 23:41

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.7	14.4	21.6
279	24.2	19.1	28.7





#91
 Benzo(g,h,i)perylene
 Concen: 35.86 ng
 RT: 17.15 min Scan# 1300
 Delta R.T. -0.02 min
 Lab File: BF085945.D
 Acq: 31 Mar 2016 23:41

Instrument :
 BNA_F
 ClientSampleId :
 PB89327BS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	381927		
277	23.7	18.8	28.2	
138	27.9	22.6	34.0	

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