

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033016\
 Data File : BF085882.D
 Acq On : 30 Mar 2016 13:19
 Operator : UM/SJ
 Sample : PB89268BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89268BS

Manual Integrations
 APPROVED

Sohil
 3/31/2016 4:51:28 PM

Quant Time: Mar 31 01:36:46 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	6.80	152	97894	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	402524	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	194329	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	357605	20.00	ng	0.00
75) Chrysene-d12	13.96	240	260420	20.00	ng	-0.01
86) Perylene-d12	15.37	264	224640	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	784558	133.47	ng	0.01
7) Phenol-d6	6.45	99	1002716	134.17	ng	0.00
23) Nitrobenzene-d5	7.37	82	618103	86.47	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	216515	117.27	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1103602	94.88	ng	0.00
78) Terphenyl-d14	12.91	244	930817	73.51	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.41	88	94239	33.58	ng	97
3) Pyridine	3.13	79	240270	35.71	ng	98
4) n-Nitrosodimethylamine	3.06	42	115228	42.77	ng	93
6) Aniline	6.46	93	279586	27.79	ng	# 30
8) 2-Chlorophenol	6.58	128	305242	44.69	ng	98
9) Benzaldehyde	6.34	77	155263	34.48	ng	97
10) Phenol	6.46	94	366319	43.26	ng	83
11) bis(2-Chloroethyl)ether	6.54	93	281207	43.16	ng	99
12) 1,3-Dichlorobenzene	6.73	146	292776m	39.81	ng	
13) 1,4-Dichlorobenzene	6.81	146	307290	41.20	ng	98
14) 1,2-Dichlorobenzene	6.97	146	282979	40.71	ng	97
15) Benzyl Alcohol	6.95	79	232803	46.69	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.08	45	343410	39.72	ng	88
17) 2-Methylphenol	7.06	107	240395	43.97	ng	99
18) Hexachloroethane	7.30	117	110394	40.42	ng	# 83
19) n-Nitroso-di-n-propylamine	7.21	70	182298	40.74	ng	# 92
20) 3+4-Methylphenols	7.22	107	300452	45.70	ng	# 66
22) Acetophenone	7.21	105	380333	40.56	ng	# 95
24) Nitrobenzene	7.38	77	297579	40.39	ng	98
25) Isophorone	7.62	82	546289	39.67	ng	98
26) 2-Nitrophenol	7.70	139	160008	43.41	ng	96
27) 2,4-Dimethylphenol	7.75	122	286692	44.49	ng	95
28) bis(2-Chloroethoxy)methane	7.84	93	354281	45.16	ng	99
29) 2,4-Dichlorophenol	7.94	162	222174	41.02	ng	93
30) 1,2,4-Trichlorobenzene	8.02	180	238431	39.65	ng	98
31) Naphthalene	8.10	128	796830	39.29	ng	100
32) Benzoic acid	7.88	122	145600	34.03	ng	99
33) 4-Chloroaniline	8.16	127	145124	17.52	ng	98
34) Hexachlorobutadiene	8.22	225	123851	37.89	ng	98
35) Caprolactam	8.53	113	75648	39.43	ng	94
36) 4-Chloro-3-methylphenol	8.65	107	267433	42.27	ng	98
37) 2-Methylnaphthalene	8.80	142	569775	49.31	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	217241	37.70	ng	99
40) Hexachlorocyclopentadiene	8.95	237	164033	69.64	ng	99

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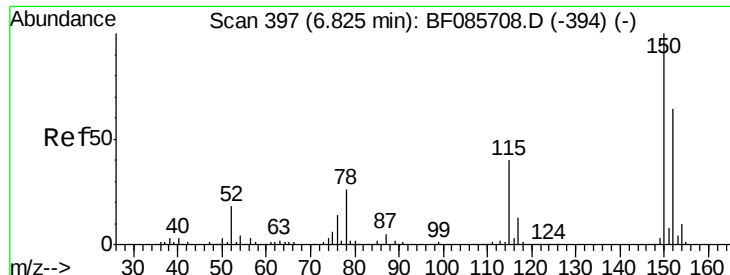
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	155023	39.83	ng	97
43) 2,4,5-Trichlorophenol	9.12	196	157232	38.52	ng	# 82
45) 1,1'-Biphenyl	9.26	154	614048	37.45	ng	99
46) 2-Chloronaphthalene	9.29	162	489820	40.62	ng	98
47) 2-Nitroaniline	9.38	65	142161	38.56	ng	86
48) Acenaphthylene	9.70	152	815157	41.49	ng	99
49) Dimethylphthalate	9.57	163	550512	37.34	ng	100
50) 2,6-Dinitrotoluene	9.64	165	130781	41.21	ng	# 66
51) Acenaphthene	9.88	154	477168	39.76	ng	99
52) 3-Nitroaniline	9.80	138	81409	22.41	ng	90
53) 2,4-Dinitrophenol	9.91	184	105943	67.13	ng	94
54) Dibenzofuran	10.05	168	691652	44.53	ng	98
55) 4-Nitrophenol	9.98	139	199723	84.40	ng	87
56) 2,4-Dinitrotoluene	10.04	165	154037	38.19	ng	# 54
57) Fluorene	10.39	166	552212	42.77	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	121886	42.96	ng	96
59) Diethylphthalate	10.26	149	558796	38.36	ng	98
60) 4-Chlorophenyl-phenylether	10.38	204	243514	38.57	ng	98
61) 4-Nitroaniline	10.41	138	128529	36.99	ng	88
62) Azobenzene	10.54	77	628220	44.88	ng	99
64) 4,6-Dinitro-2-methylphenol	10.45	198	85954	41.04	ng	83
65) n-Nitrosodiphenylamine	10.50	169	492720	43.50	ng	99
66) 4-Bromophenyl-phenylether	10.87	248	154768	42.30	ng	97
67) Hexachlorobenzene	10.94	284	165692	43.31	ng	98
68) Atrazine	11.03	200	151646	39.66	ng	98
69) Pentachlorophenol	11.13	266	149994	79.85	ng	99
70) Phenanthrene	11.35	178	830112	45.21	ng	100
71) Anthracene	11.40	178	769069	39.90	ng	99
72) Carbazole	11.56	167	699852	43.24	ng	99
73) Di-n-butylphthalate	11.89	149	926828	41.73	ng	100
74) Fluoranthene	12.54	202	821486	42.09	ng	88
76) Benzidine	12.65	184	299940	32.70	ng	98
77) Pyrene	12.77	202	827686	38.67	ng	100
79) Butylbenzylphthalate	13.39	149	397484	44.34	ng	99
80) Benzo(a)anthracene	13.95	228	661849	44.57	ng	100
81) 3,3'-Dichlorobenzidine	13.91	252	107946	10.47	ng	98
82) Chrysene	13.99	228	662593	44.30	ng	100
83) Bis(2-ethylhexyl)phthalate	13.93	149	466352	43.45	ng	99
84) Di-n-octyl phthalate	14.55	149	789325	49.45	ng	100
85) Indeno(1,2,3-cd)pyrene	16.76	276	515373	44.62	ng	99
87) Benzo(b)fluoranthene	14.97	252	594237m	41.99	ng	
88) Benzo(k)fluoranthene	15.00	252	511793m	40.12	ng	
89) Benzo(a)pyrene	15.32	252	533562	42.46	ng	98
90) Dibenzo(a,h)anthracene	16.76	278	429029	36.75	ng	97
91) Benzo(g,h,i)perylene	17.17	276	430084	36.38	ng	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

Instrument :

BNA_F

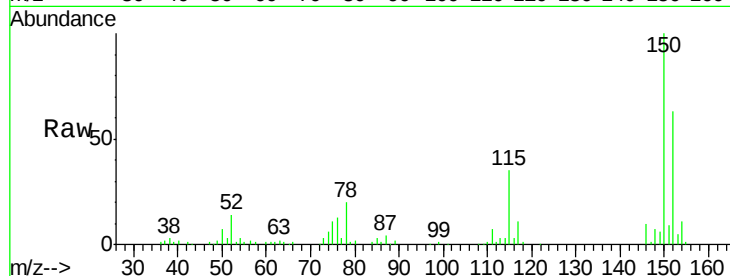
ClientSampleId :

PB89268BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.2	186.2
115	54.5	47.0	70.6

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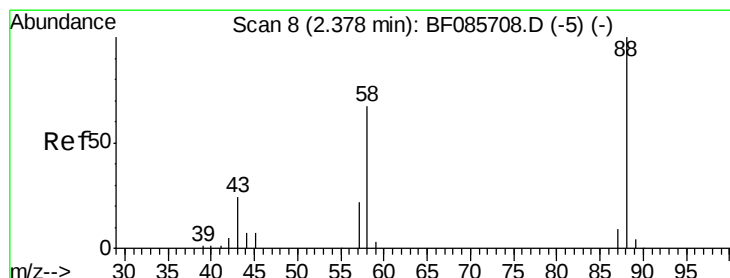
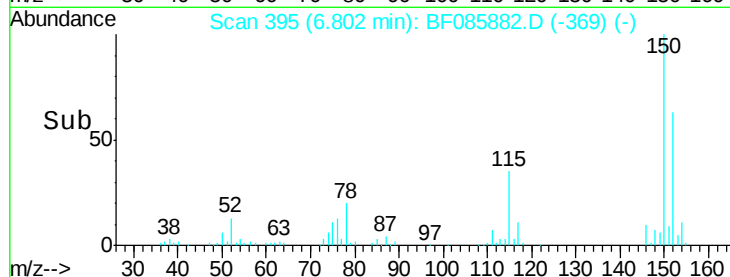
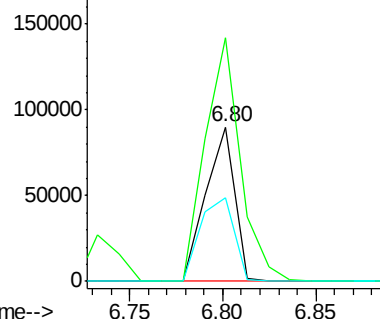
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 33.58 ng

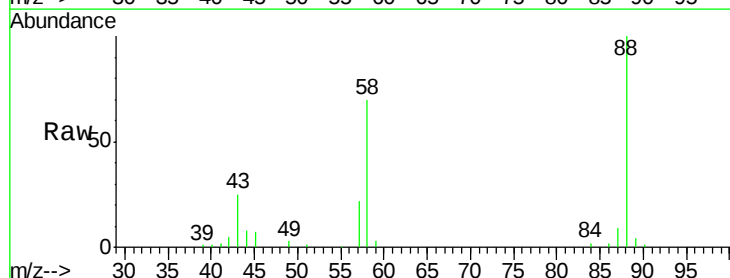
RT: 2.41 min Scan# 11

Delta R.T. 0.08 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

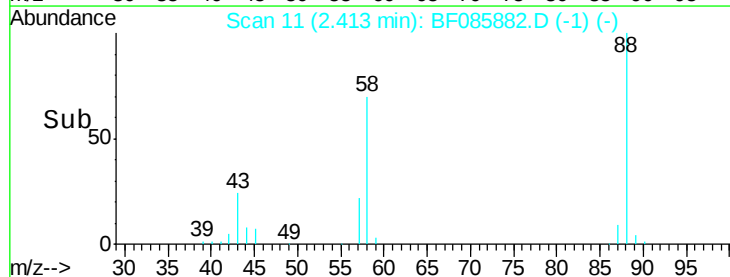
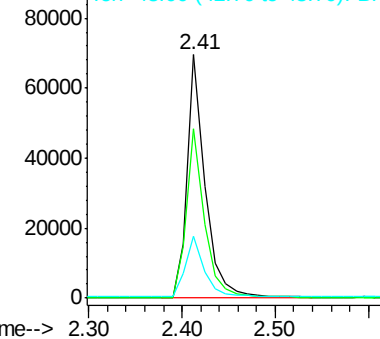
Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.7	54.2	81.2
43	25.3	19.3	28.9



Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 35.71 ng

RT: 3.13 min Scan# 74

Delta R.T. 0.08 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

Instrument :

BNA_F

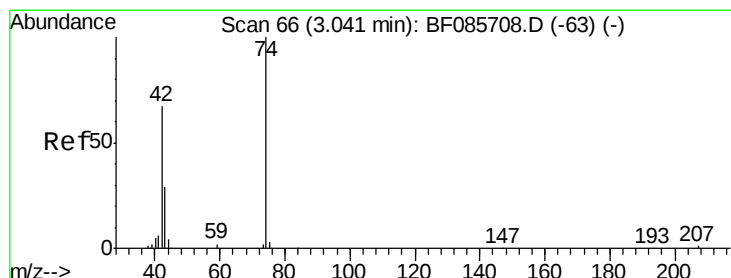
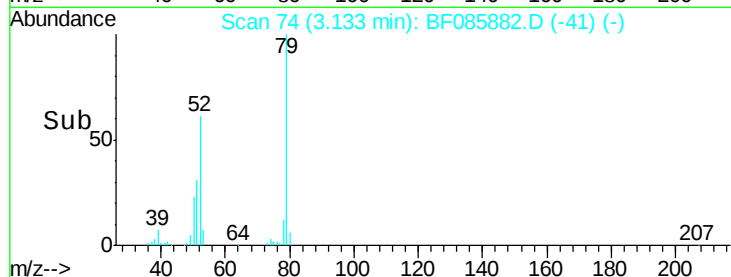
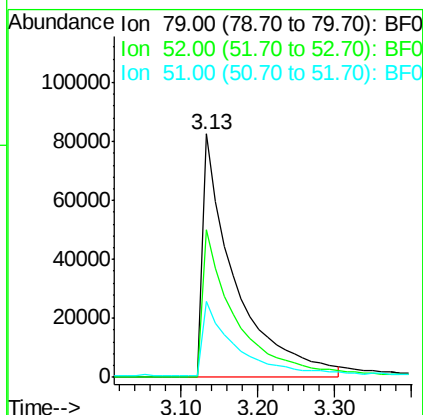
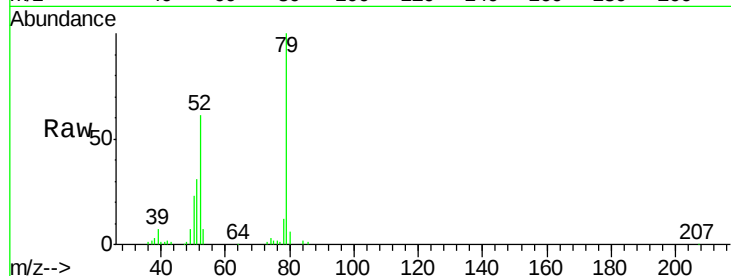
ClientSampleId :

PB89268BS

Tgt Ion:	79	Resp:	240270
Ion	Ratio	Lower	Upper
79	100		
52	60.6	49.8	74.6
51	31.4	24.7	37.1

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#4

n-Nitrosodimethylamine

Concen: 42.77 ng

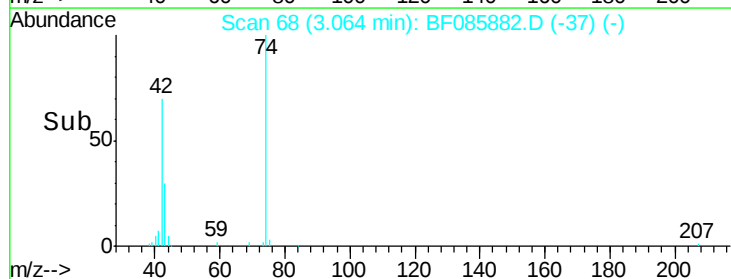
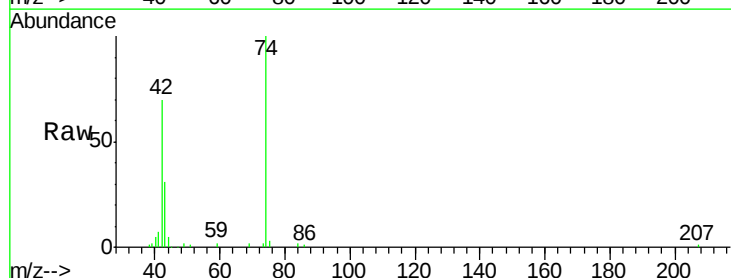
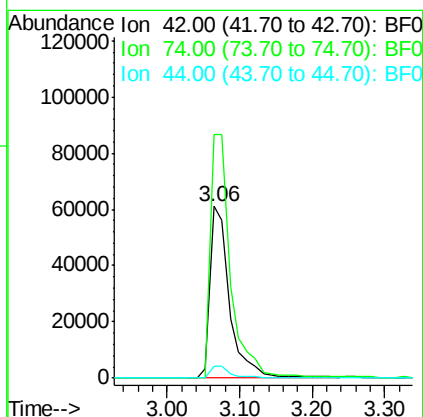
RT: 3.06 min Scan# 68

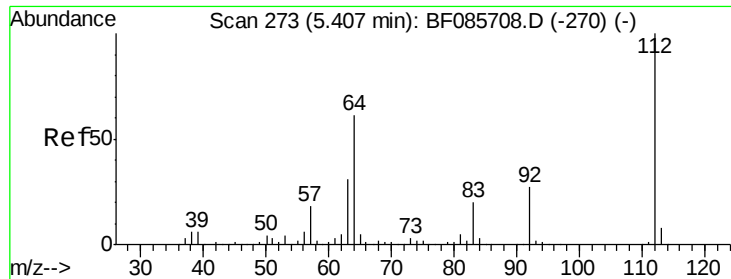
Delta R.T. 0.06 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

Tgt Ion:	42	Resp:	115228
Ion	Ratio	Lower	Upper
42	100		
74	141.9	121.4	182.2
44	6.9	5.6	8.4





#5

2-Fluorophenol

Concen: 133.47 ng

RT: 5.41 min Scan# 273

Delta R.T. 0.01 min

Lab File: BF085882.D

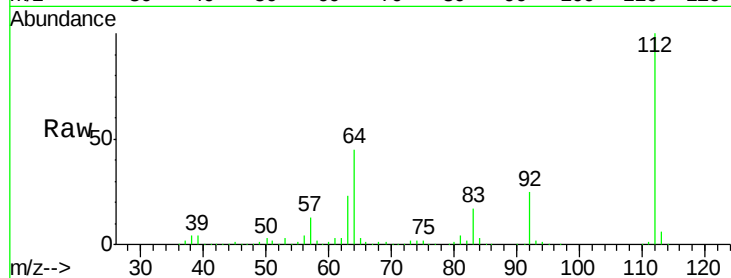
Acq: 30 Mar 2016 13:19

Instrument :

BNA_F

ClientSampleId :

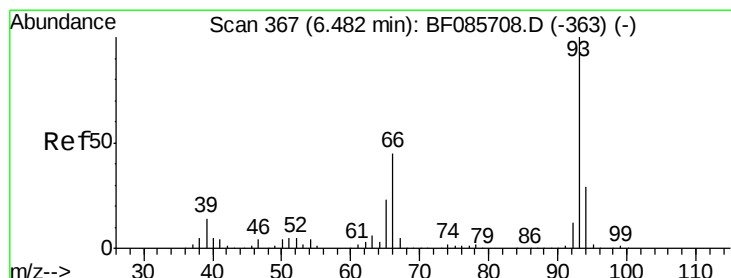
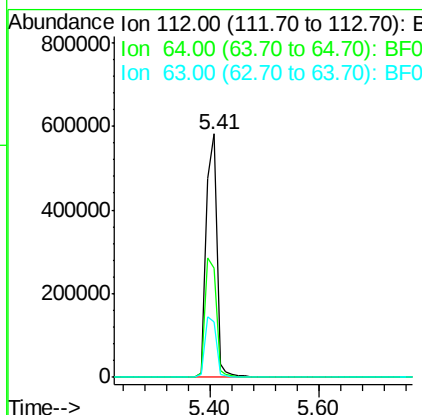
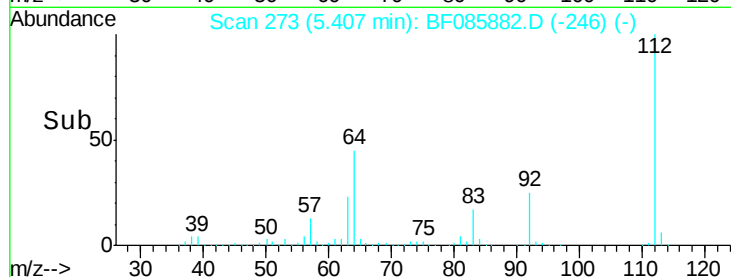
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Tgt Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	45.1	39.9	59.9
63	22.9	20.2	30.2

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#6

Aniline

Concen: 27.79 ng

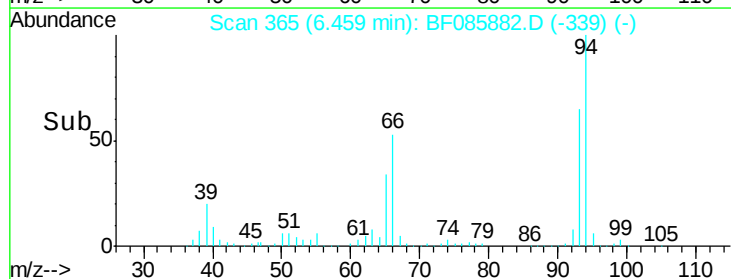
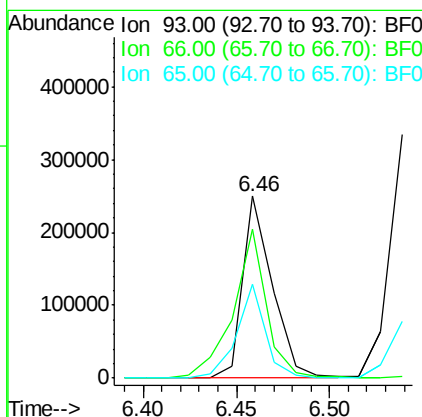
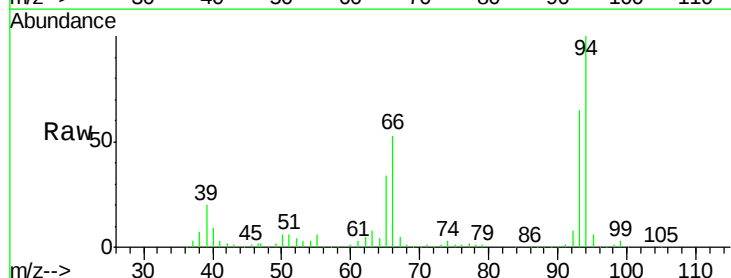
RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	81.9	31.4	47.2#
65	51.6	15.7	23.5#





#7

Phenol-d6

Concen: 134.17 ng

RT: 6.45 min Scan# 364

Delta R.T. -0.00 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

Instrument :

BNA_F

ClientSampleId :

PB89268BS

Tgt Ion: 99 Resp: 1002716

Ion Ratio Lower Upper

99 100

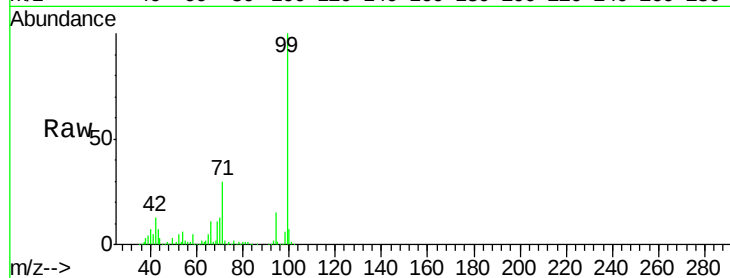
42 13.1 11.1 16.7

71 30.2 24.9 37.3

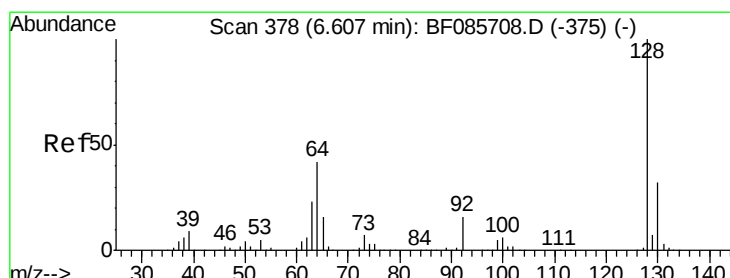
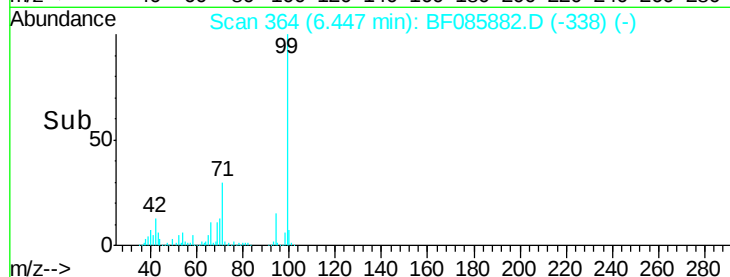
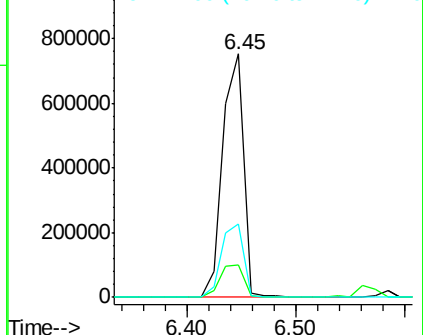
Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 44.69 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.00 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

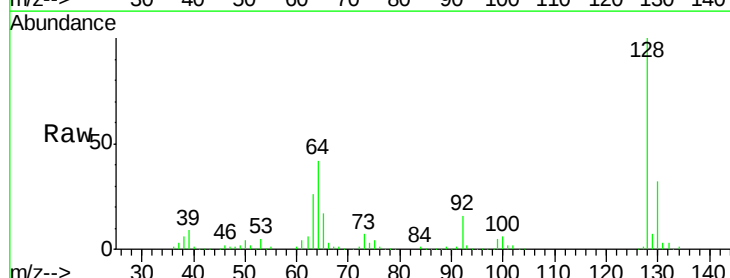
Tgt Ion: 128 Resp: 305242

Ion Ratio Lower Upper

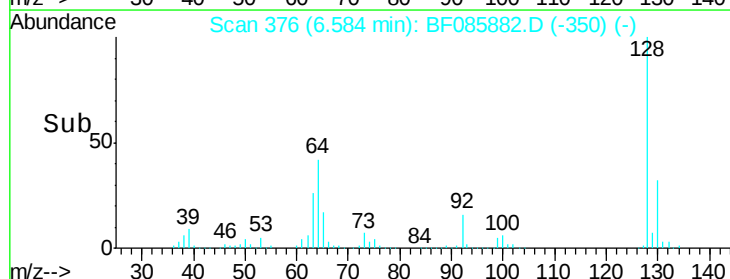
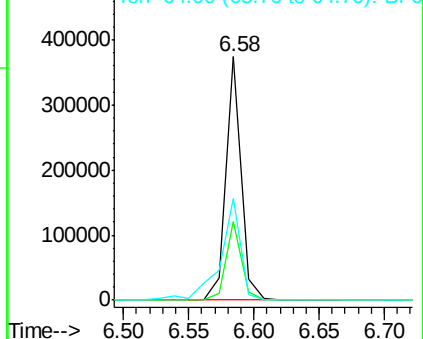
128 100

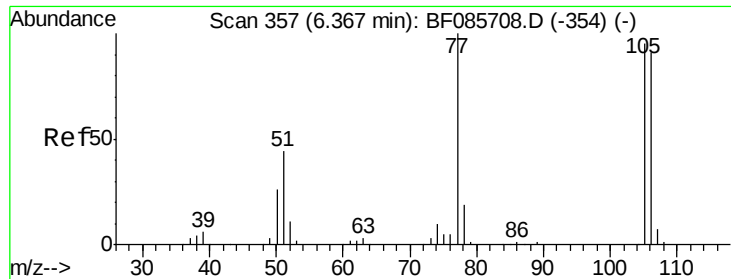
130 32.4 12.9 52.9

64 41.7 20.2 60.2



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





#9

Benzaldehyde

Concen: 34.48 ng

RT: 6.34 min Scan# 355

Delta R.T. -0.00 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

Instrument :

BNA_F

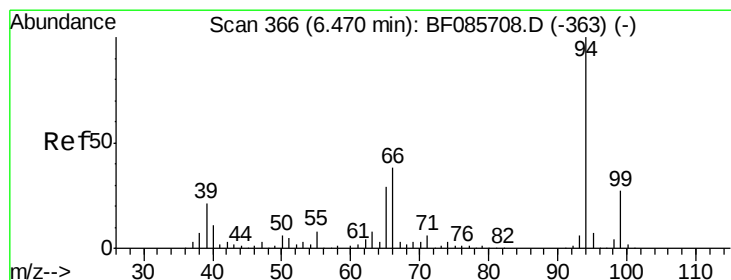
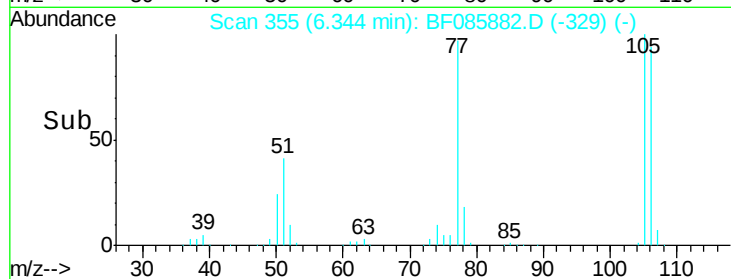
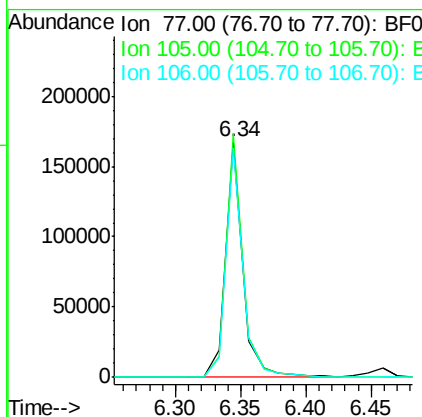
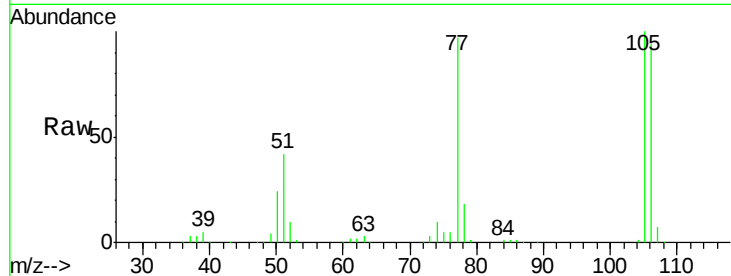
ClientSampleId :

PB89268BS

Tgt Ion:	77	Resp:	155263
Ion Ratio	Lower	Upper	
77	100		
105	103.5	80.1	120.1
106	97.4	75.0	115.0

Manual Integrations
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#10

Phenol

Concen: 43.26 ng

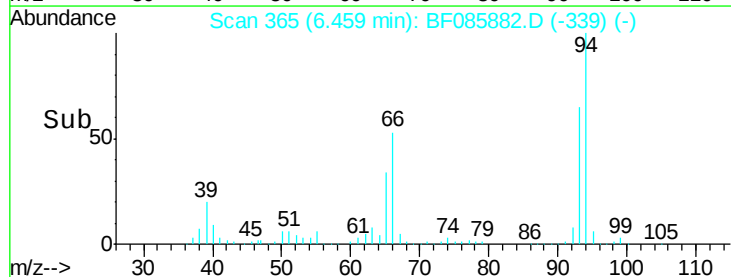
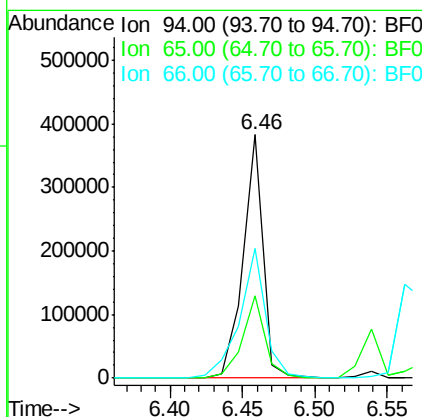
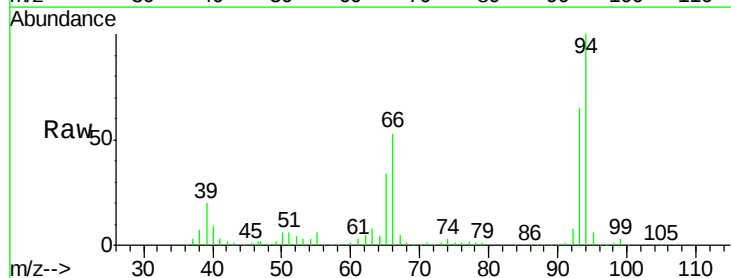
RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085882.D

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Tgt Ion:	94	Resp:	366319
Ion Ratio	Lower	Upper	
94	100		
65	33.6	8.6	48.6
66	53.4	20.0	60.0





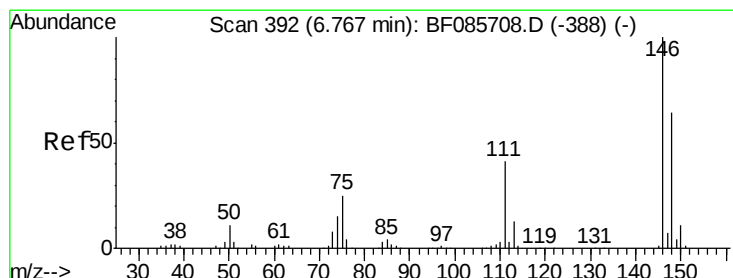
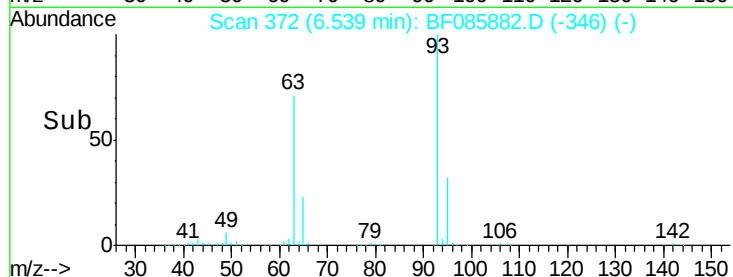
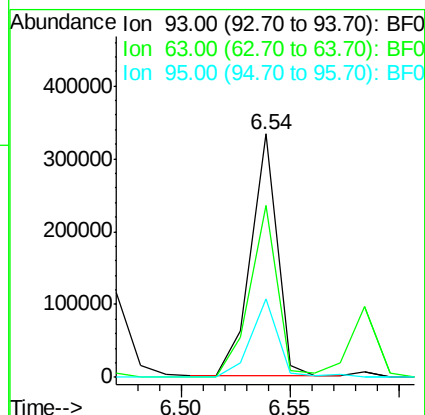
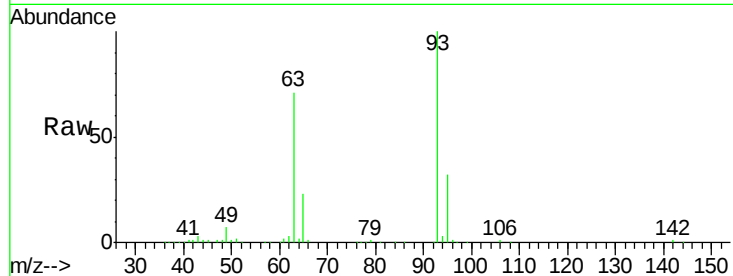
#11
bis(2-Chloroethyl)ether
Concen: 43.16 ng
RT: 6.54 min Scan# 372
Delta R.T. -0.00 min
Lab File: BF085882.D
Acq: 30 Mar 2016 13:19

Instrument :
BNA_F
ClientSampleId :
PB89268BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	281207		
63	70.9	50.9	90.9	
95	32.5	13.3	53.3	

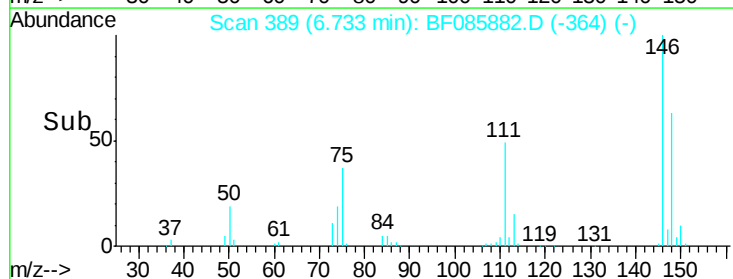
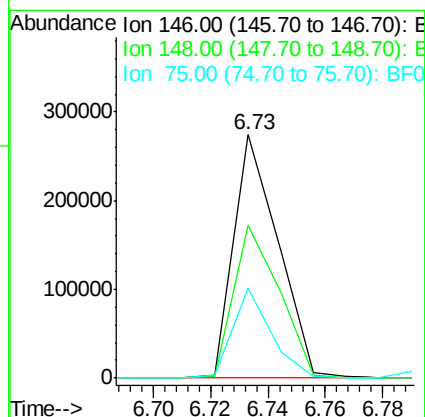
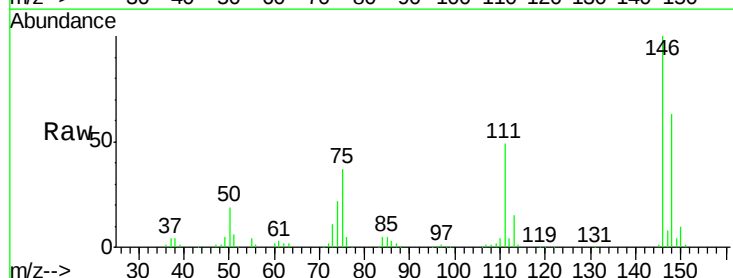
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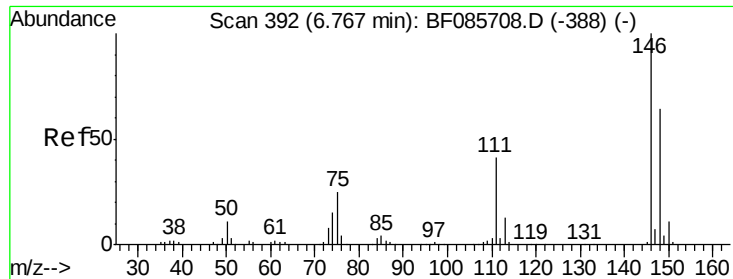
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3/31/2016 4:51:28 PM



#12
1,3-Dichlorobenzene
Concen: 39.81 ng m
RT: 6.73 min Scan# 389
Delta R.T. -0.01 min
Lab File: BF085882.D
Acq: 30 Mar 2016 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	292776		
148	62.7	52.3	78.5	
75	37.2	17.4	26.2	





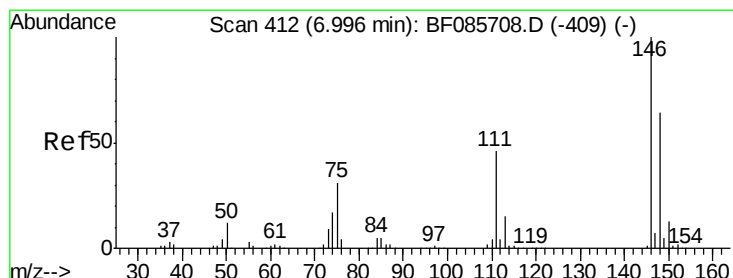
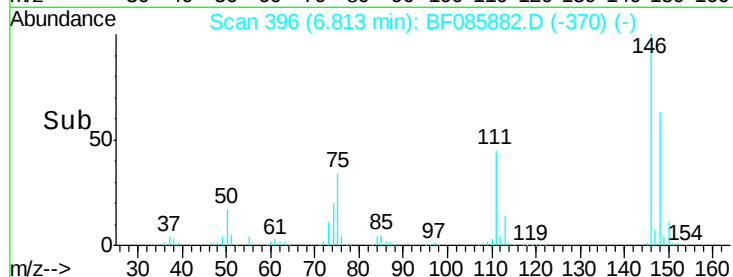
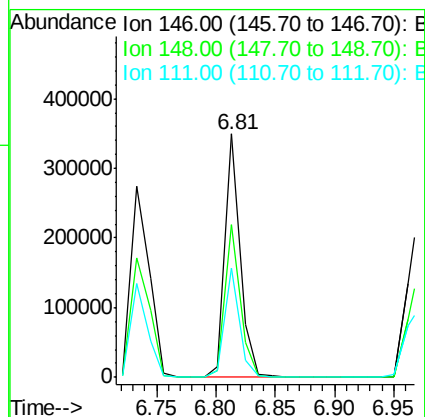
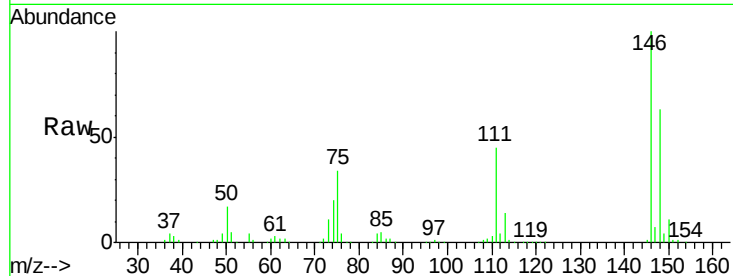
#13
1,4-Dichlorobenzene
Concen: 41.20 ng
RT: 6.81 min Scan# 396
Delta R.T. -0.00 min
Lab File: BF085882.D
Acq: 30 Mar 2016 13:19

Instrument :
BNA_F
ClientSampleId :
PB89268BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.6	76.0
111	45.0	37.8	56.6

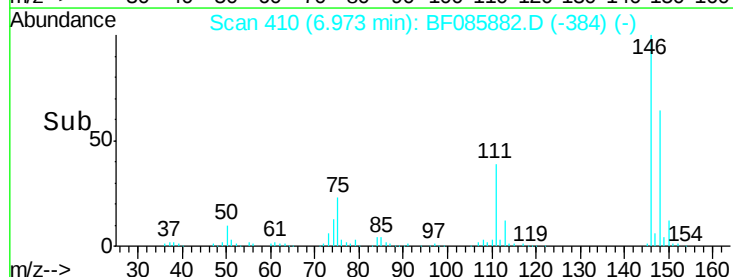
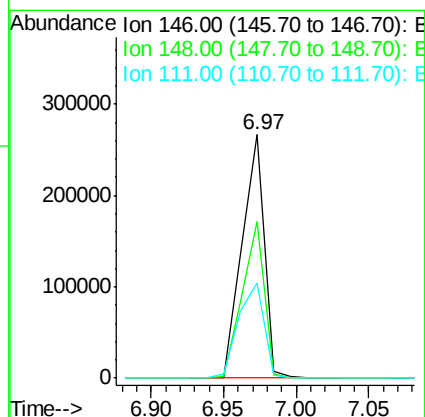
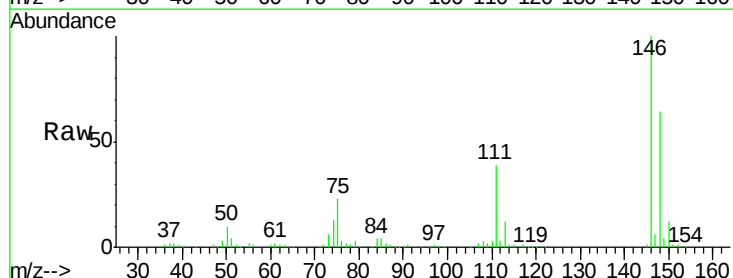
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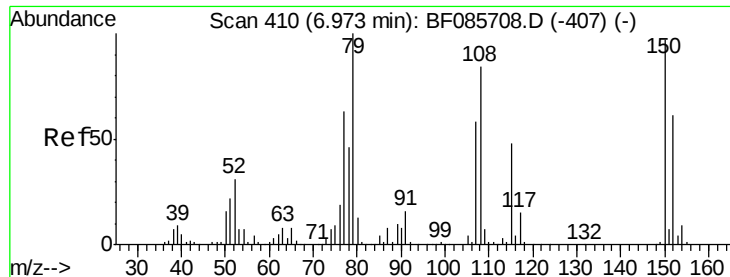
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#14
1,2-Dichlorobenzene
Concen: 40.71 ng
RT: 6.97 min Scan# 410
Delta R.T. -0.00 min
Lab File: BF085882.D
Acq: 30 Mar 2016 13:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.4	77.2
111	39.1	34.6	52.0





#15

Benzyl Alcohol

Concen: 46.69 ng

RT: 6.95 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

Instrument :

BNA_F

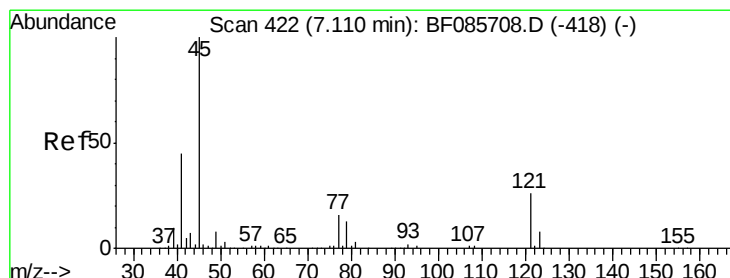
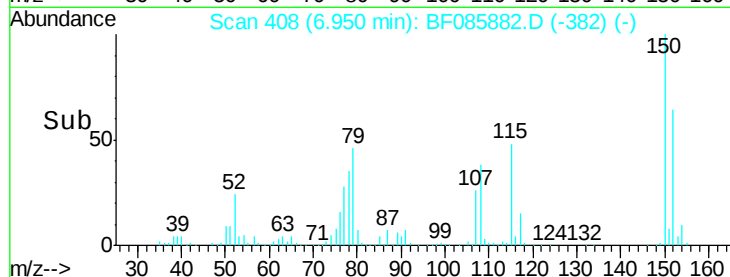
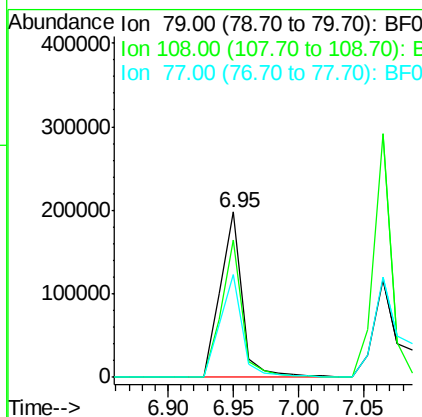
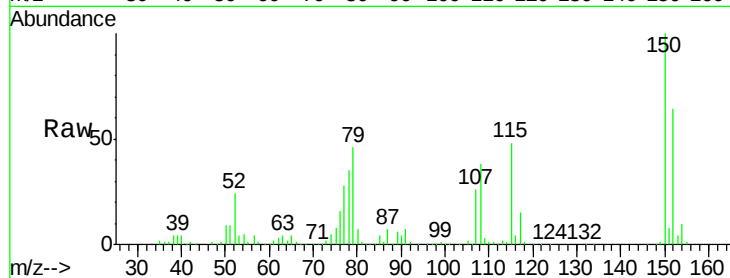
ClientSampleId :

PB89268BS

Tgt Ion:	79	Resp:	232803
Ion Ratio	Lower	Upper	
79	100		
108	83.5	61.8	92.6
77	62.0	49.6	74.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.72 ng

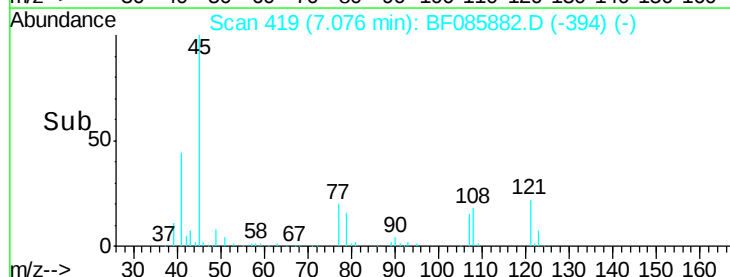
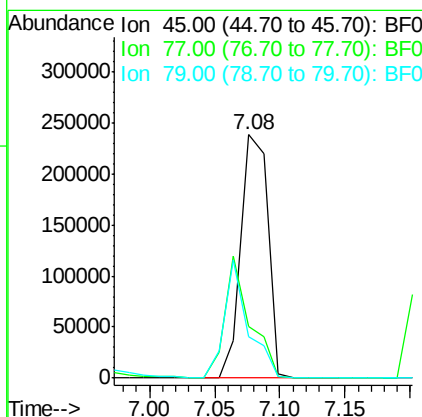
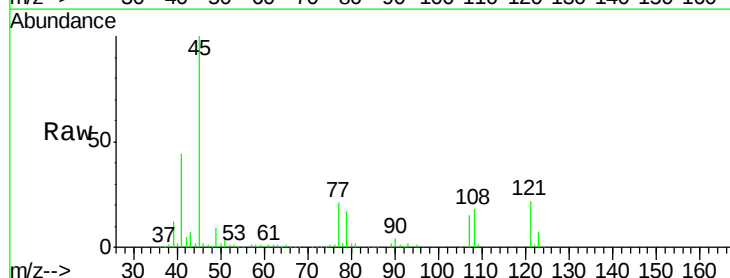
RT: 7.08 min Scan# 419

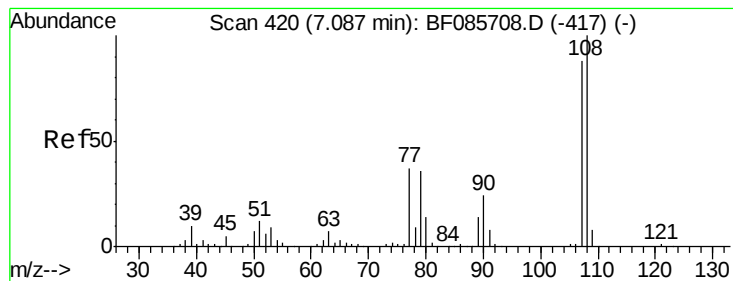
Delta R.T. -0.01 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

Tgt Ion:	45	Resp:	343410
Ion Ratio	Lower	Upper	
45	100		
77	21.0	0.0	35.7
79	16.8	0.0	32.2





#17

2-Methylphenol

Concen: 43.97 ng

RT: 7.06 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

Instrument :

BNA_F

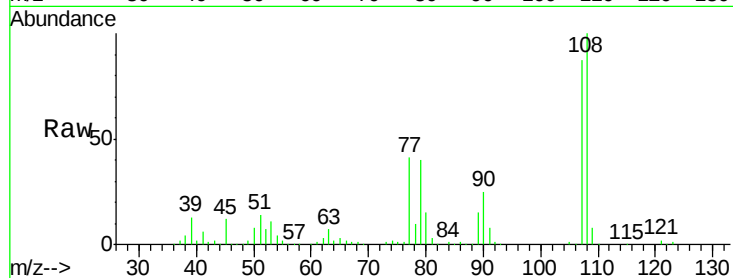
ClientSampleId :

PB89268BS

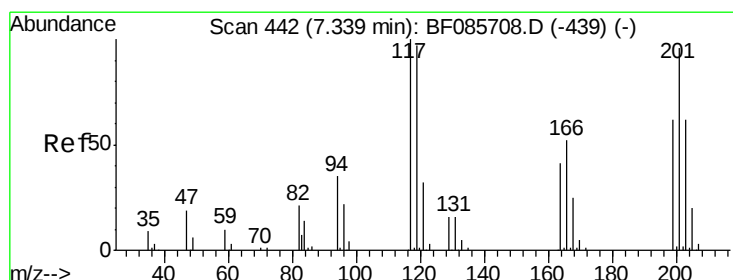
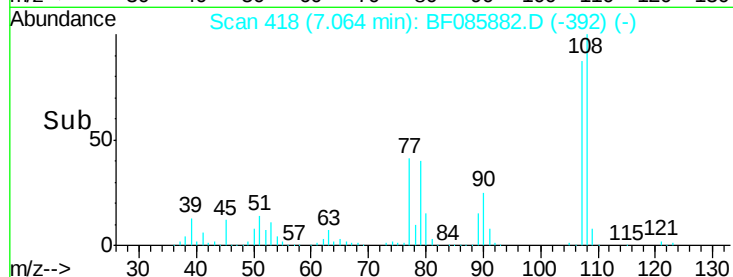
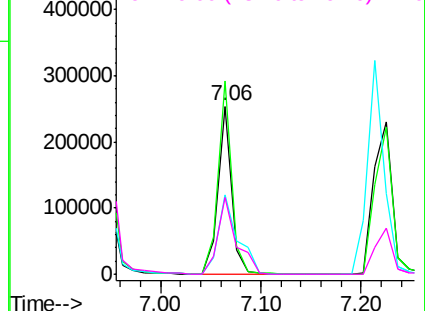
Tgt Ion	Ratio	Resp	Lower	Upper
107	100	240395		
108	114.8	91.4	137.0	
77	47.0	36.2	54.2	
79	45.8	35.8	53.8	

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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 40.42 ng

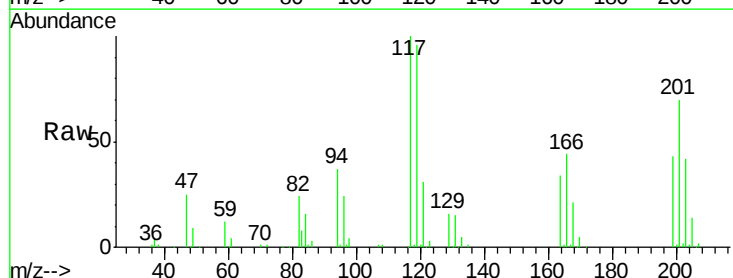
RT: 7.30 min Scan# 439

Delta R.T. -0.01 min

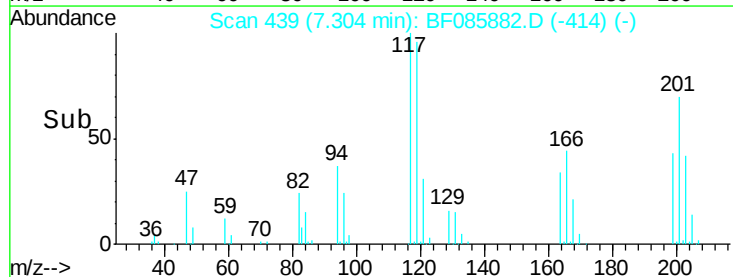
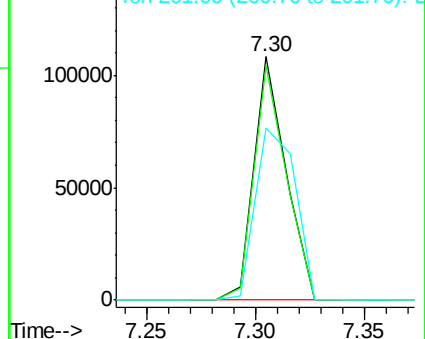
Lab File: BF085882.D

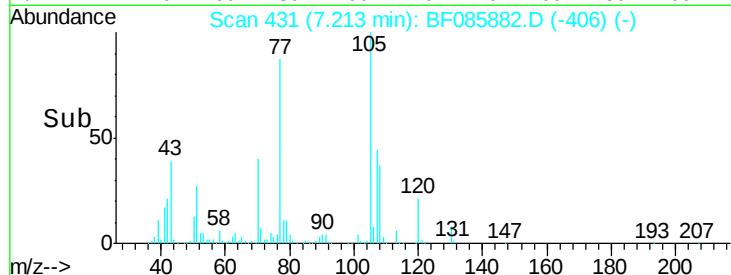
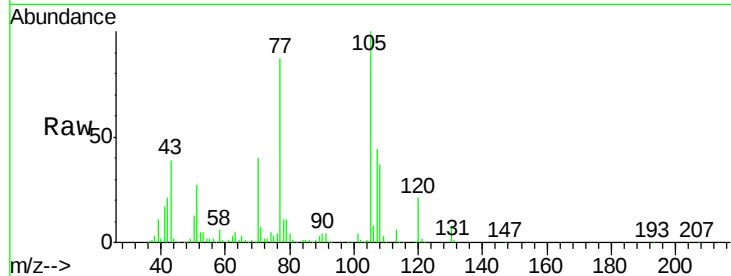
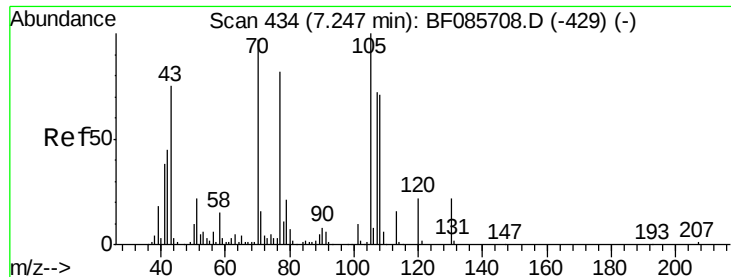
Acq: 30 Mar 2016 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	110394		
119	96.4	76.7	115.1	
201	70.4	83.3	124.9	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





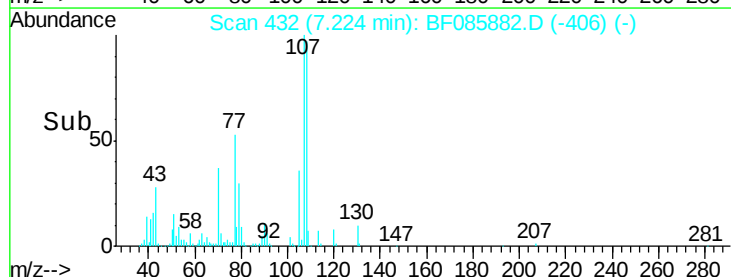
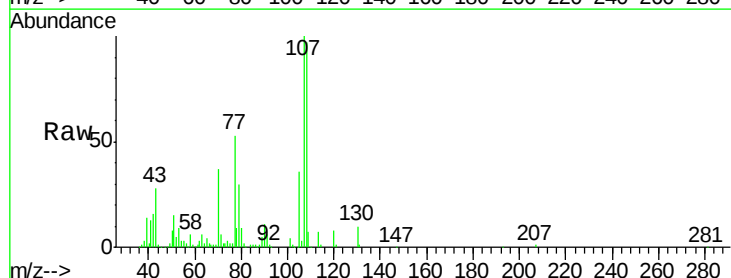
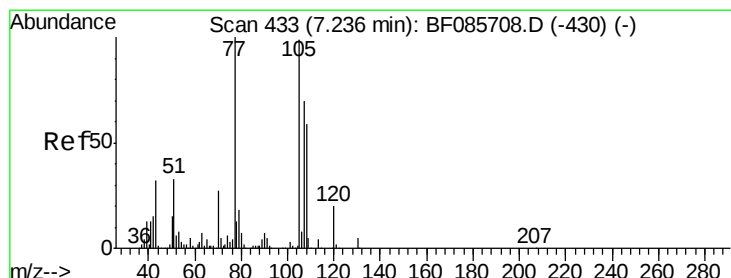
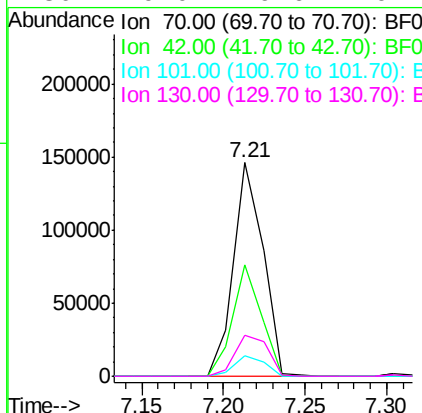
#19
n-Nitroso-di-n-propylamine
Concen: 40.74 ng
RT: 7.21 min Scan# 431
Delta R.T. -0.01 min
Lab File: BF085882.D
Acq: 30 Mar 2016 13:19

Instrument :
BNA_F
ClientSampleId :
PB89268BS

Manual Integrations
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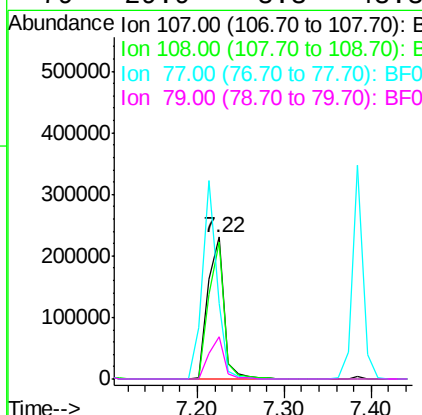
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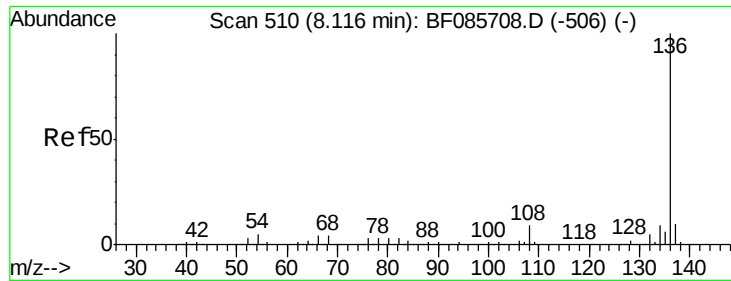
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
70	100		182298		
42	51.9	37.1	55.7		
101	9.4	8.6	12.8		
130	19.0	19.6	29.4#		



#20
3+4-Methylphenols
Concen: 45.70 ng
RT: 7.22 min Scan# 432
Delta R.T. -0.00 min
Lab File: BF085882.D
Acq: 30 Mar 2016 13:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		300452		
108	96.6	69.3	109.3		
77	53.0	101.7	141.7#		
79	29.9	8.3	48.3		





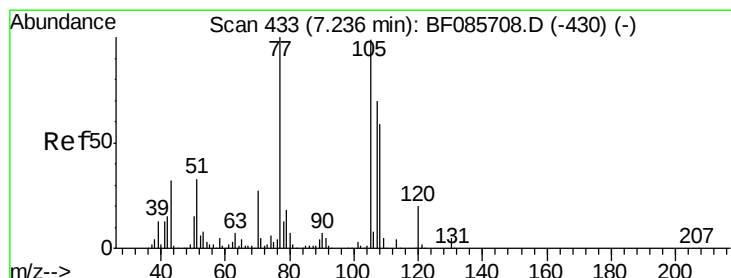
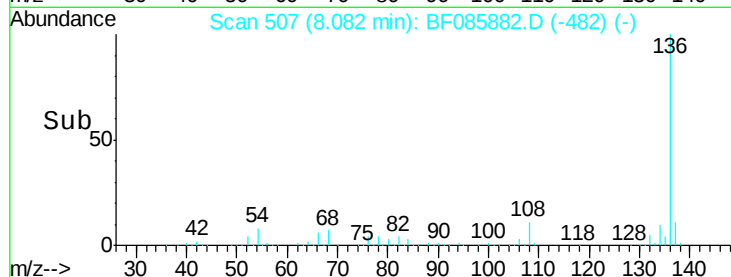
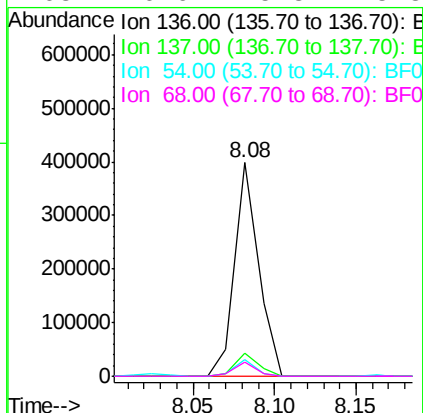
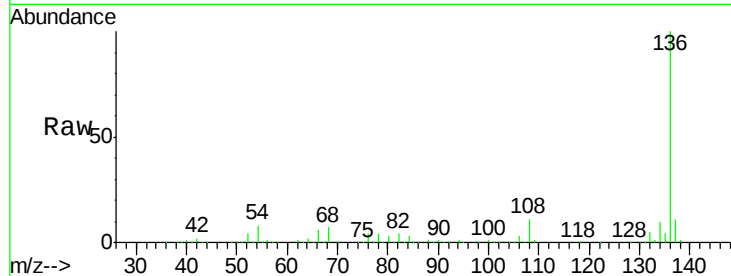
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF085882.D
Acq: 30 Mar 2016 13:19

Instrument :
BNA_F
ClientSampleId :
PB89268BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	402524		
137	11.0	9.1	13.7	
54	7.8	7.4	11.0	
68	6.6	5.8	8.8	

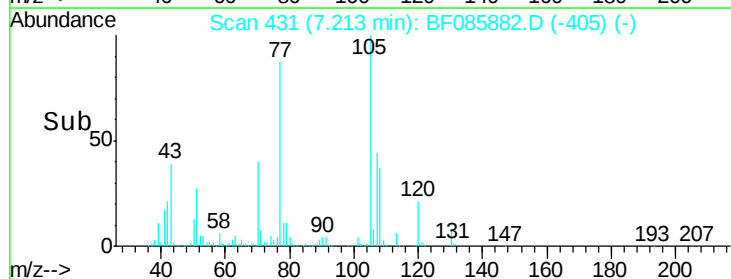
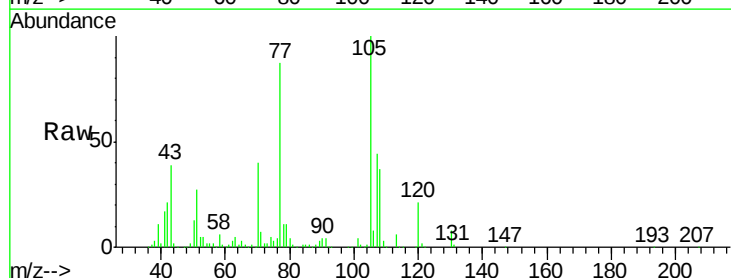
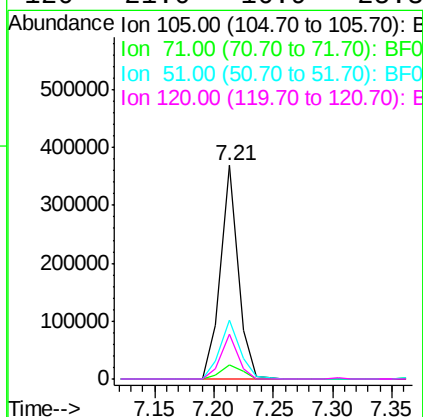
Manual Integrations
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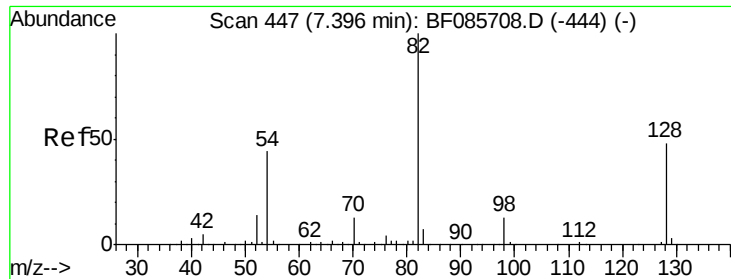
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#22
Acetophenone
Concen: 40.56 ng
RT: 7.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: BF085882.D
Acq: 30 Mar 2016 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	380333		
71	6.7	3.6	5.4#	
51	27.3	25.4	38.0	
120	21.0	16.9	25.3	





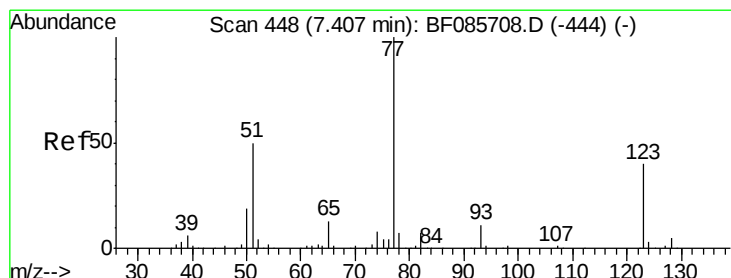
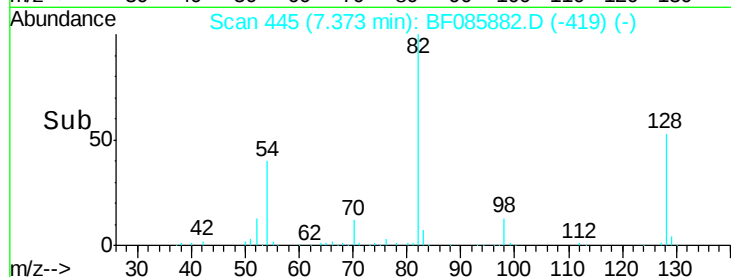
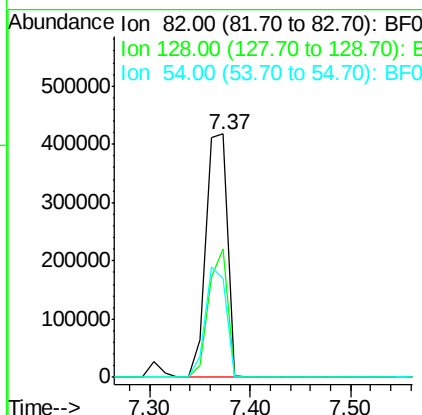
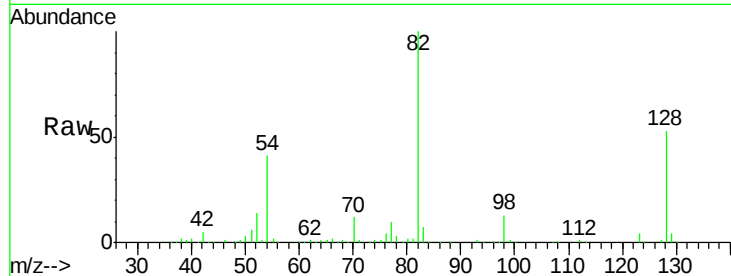
#23
 Nitrobenzene-d5
 Concen: 86.47 ng
 RT: 7.37 min Scan# 445
 Delta R.T. -0.00 min
 Lab File: BF085882.D
 Acq: 30 Mar 2016 13:19

Instrument :
 BNA_F
 ClientSampleId :
 PB89268BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	52.8	41.8	62.8
54	40.6	33.4	50.0

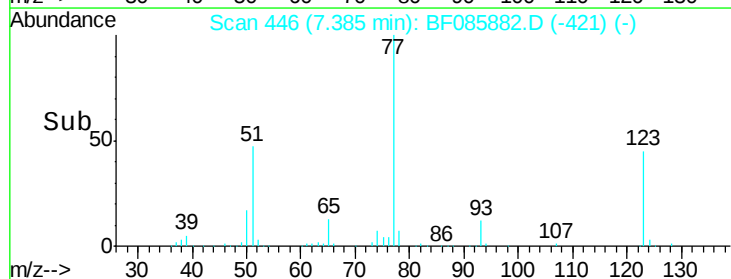
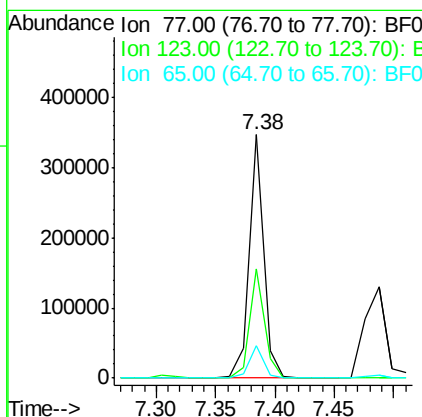
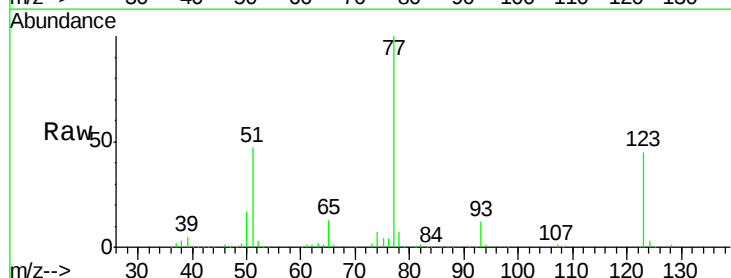
Manual Integrations
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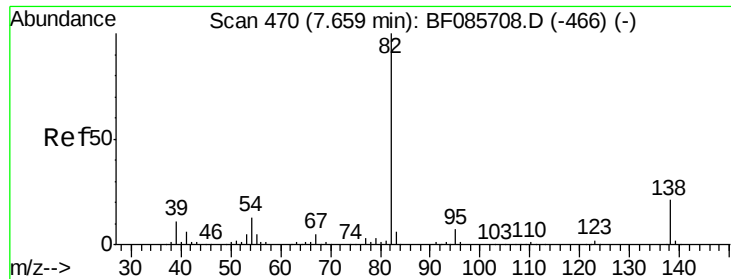
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#24
 Nitrobenzene
 Concen: 40.39 ng
 RT: 7.38 min Scan# 446
 Delta R.T. -0.01 min
 Lab File: BF085882.D
 Acq: 30 Mar 2016 13:19

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.9	35.0	52.4
65	13.1	10.6	16.0





#25

Isophorone

Concen: 39.67 ng

RT: 7.62 min Scan# 467

Delta R.T. -0.01 min

Lab File: BF085882.D

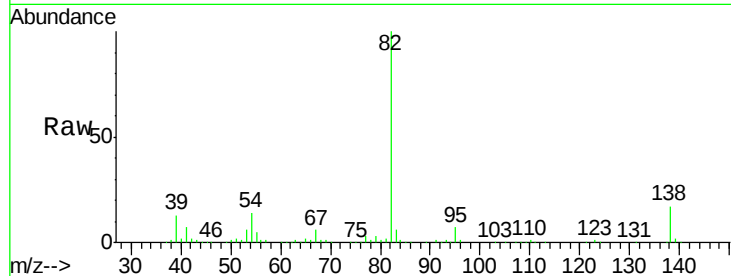
Acq: 30 Mar 2016 13:19

Instrument :

BNA_F

ClientSampleId :

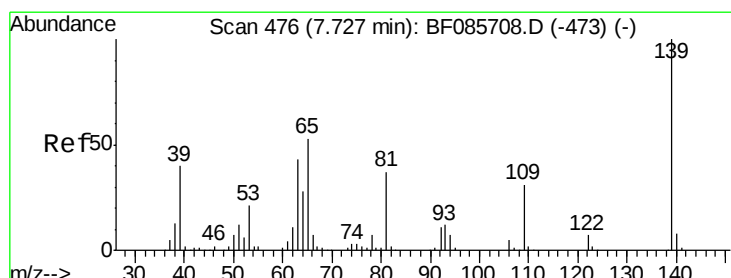
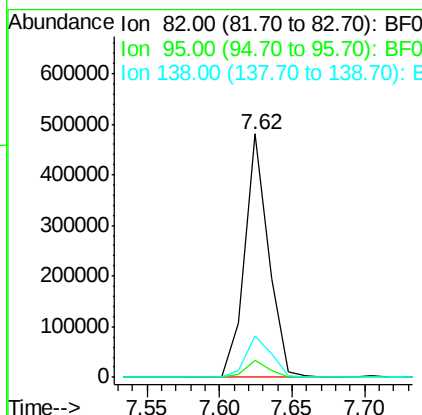
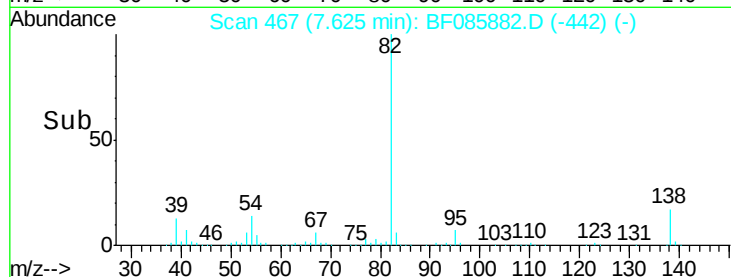
PB89268BS



Tgt Ion	82	95	138
Ratio	100	6.9	17.0
Resp: Lower	5.4	12.9	
Upper	8.2	19.3	

Manual Integrations
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#26

2-Nitrophenol

Concen: 43.41 ng

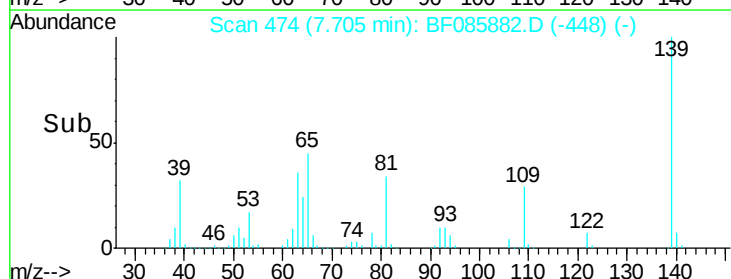
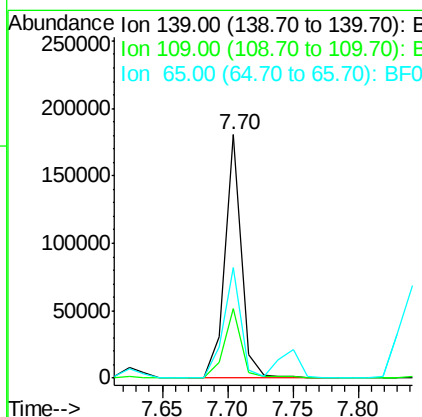
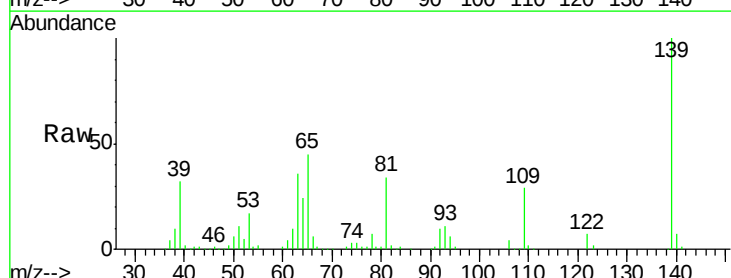
RT: 7.70 min Scan# 474

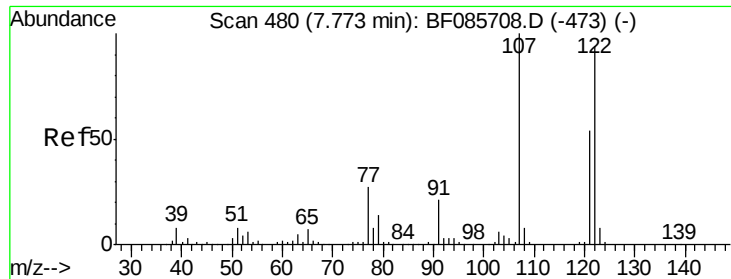
Delta R.T. -0.00 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

Tgt Ion	139	109	65
Ratio	100	28.7	45.4
Resp: Lower	22.1	33.9	
Upper	33.1	50.9	





#27

2,4-Dimethylphenol

Concen: 44.49 ng

RT: 7.75 min Scan# 478

Delta R.T. -0.00 min

Lab File: BF085882.D

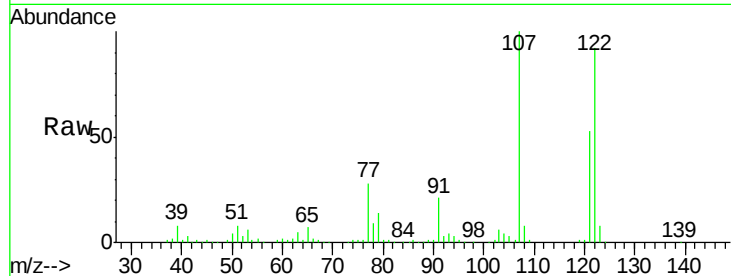
Acq: 30 Mar 2016 13:19

Instrument :

BNA_F

ClientSampleId :

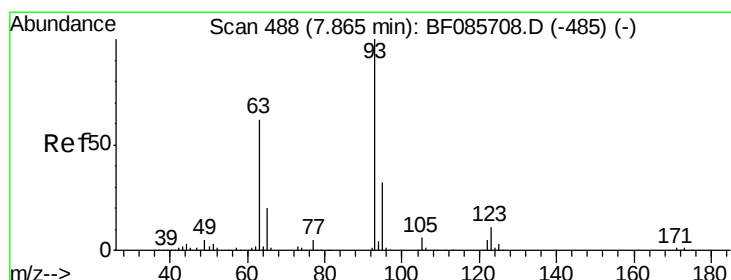
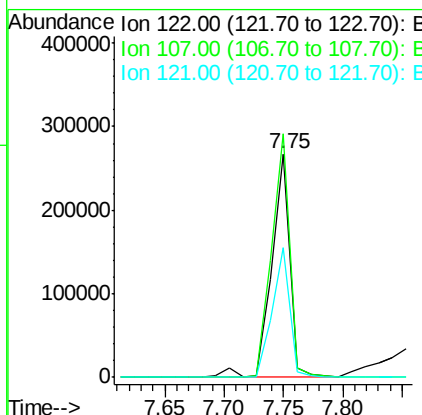
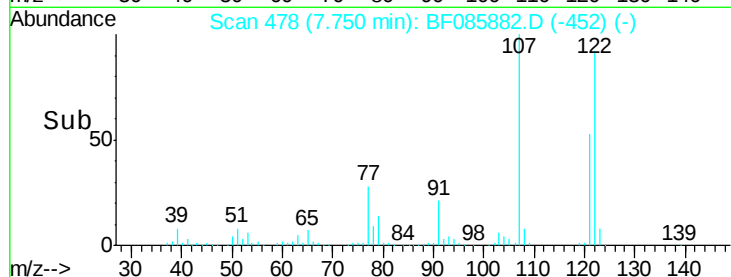
PB89268BS



Tgt Ion	Ratio	Resp	Lower	Upper
122	100	286692		
107	108.8	93.0	139.6	
121	57.9	45.9	68.9	

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#28

bis(2-Chloroethoxy)methane

Concen: 45.16 ng

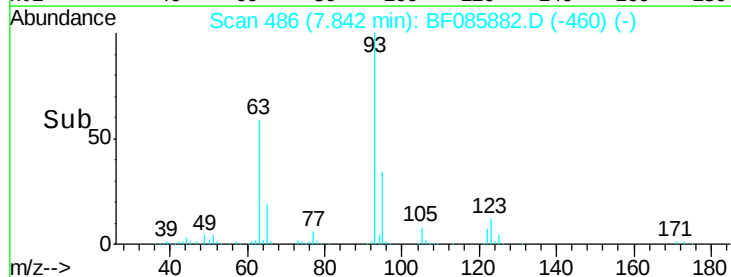
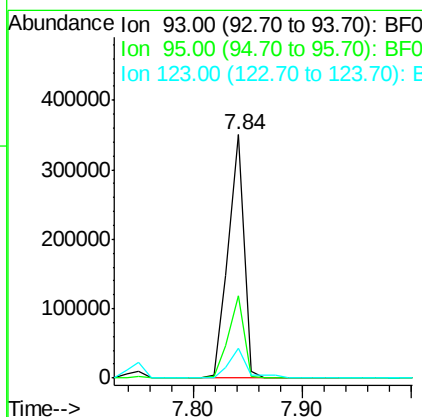
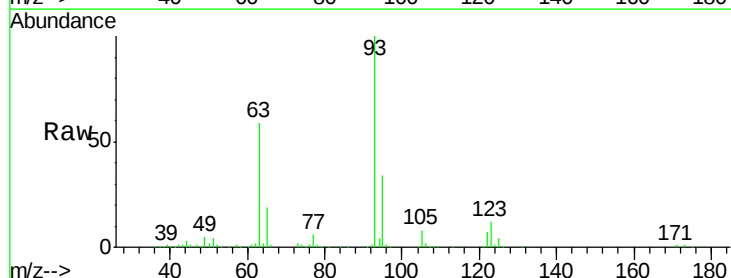
RT: 7.84 min Scan# 486

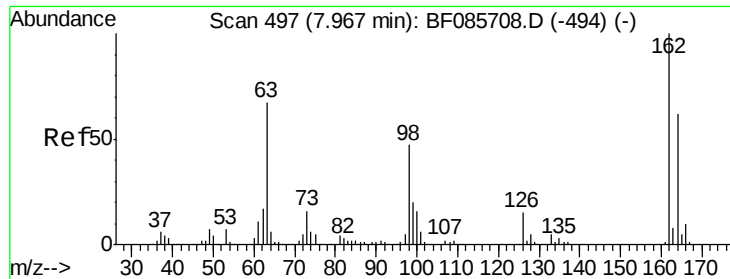
Delta R.T. -0.00 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	354281		
95	33.9	26.4	39.6	
123	12.0	9.8	14.6	





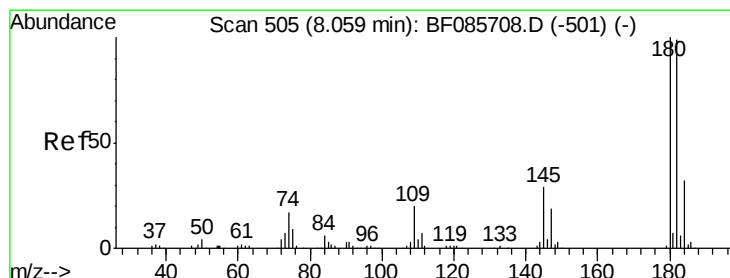
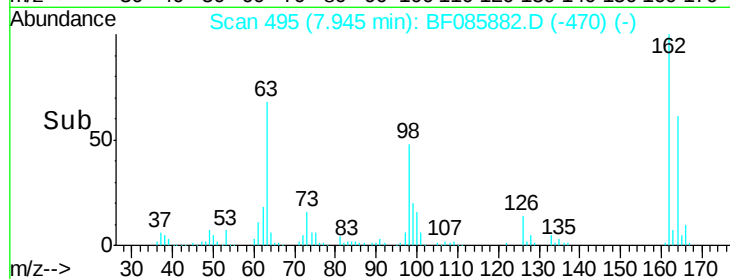
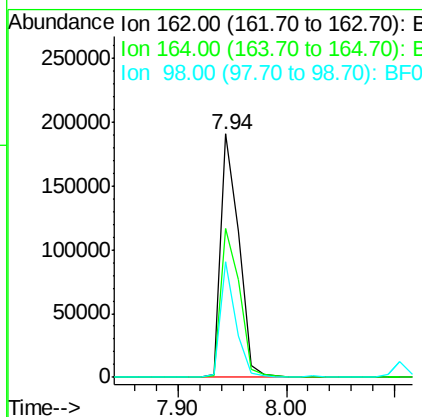
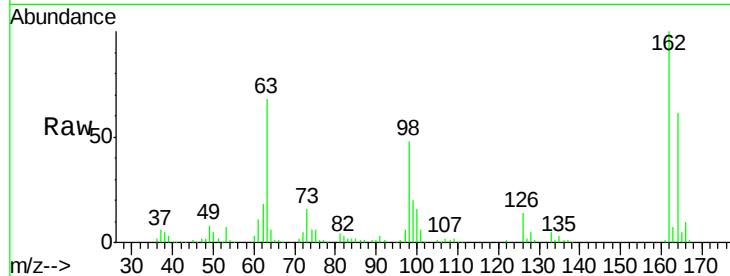
#29
2,4-Dichlorophenol
Concen: 41.02 ng
RT: 7.94 min Scan# 495
Delta R.T. -0.01 min
Lab File: BF085882.D
Acq: 30 Mar 2016 13:19

Instrument :
BNA_F
ClientSampleId :
PB89268BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	222174		
164	61.0	43.7	83.7	
98	47.6	20.4	60.4	

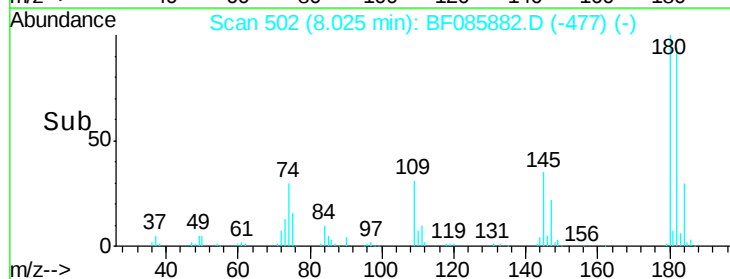
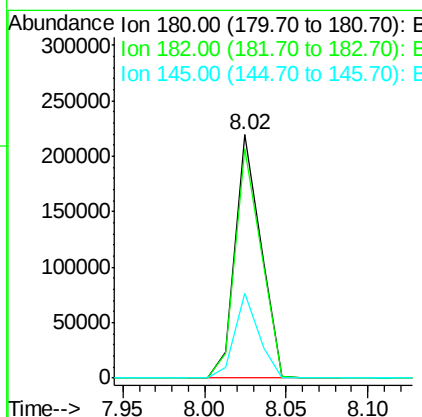
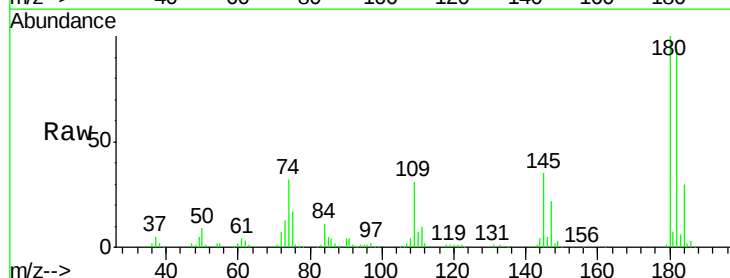
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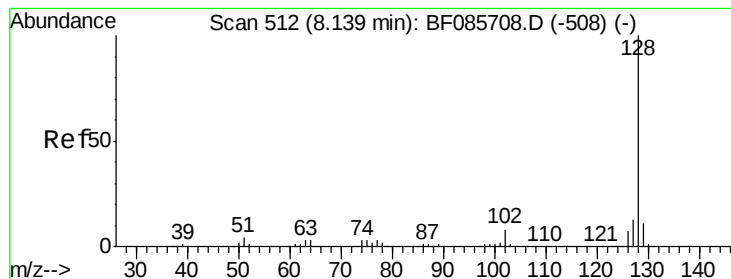
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#30
1,2,4-Trichlorobenzene
Concen: 39.65 ng
RT: 8.02 min Scan# 502
Delta R.T. -0.01 min
Lab File: BF085882.D
Acq: 30 Mar 2016 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	238431		
182	94.2	73.8	110.8	
145	35.0	28.4	42.6	





#31

Naphthalene

Concen: 39.29 ng

RT: 8.10 min Scan# 509

Delta R.T. -0.00 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

Instrument :

BNA_F

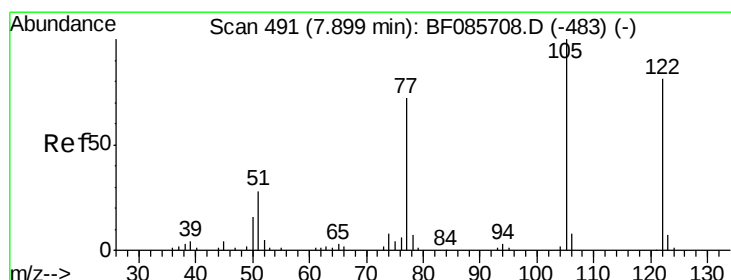
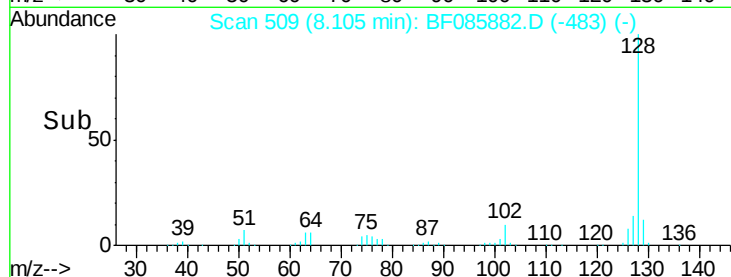
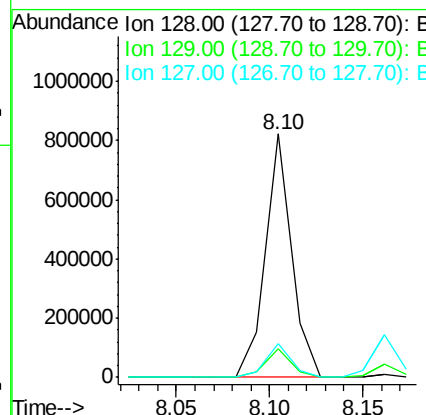
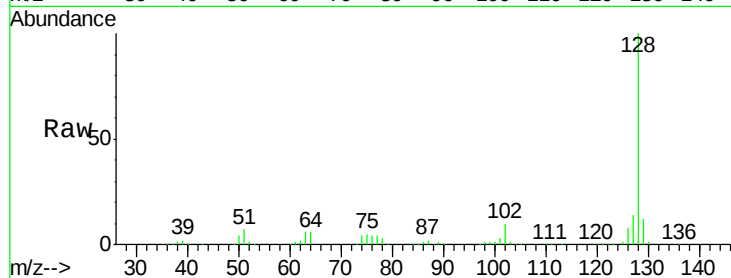
ClientSampled :

PB89268BS

Tgt Ion:	128	Resp:	796830
Ion Ratio	Lower	Upper	
128	100		
129	11.5	9.4	14.0
127	13.7	11.0	16.6

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#32

Benzoic acid

Concen: 34.03 ng

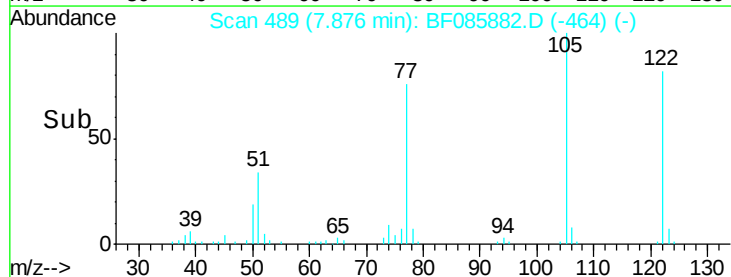
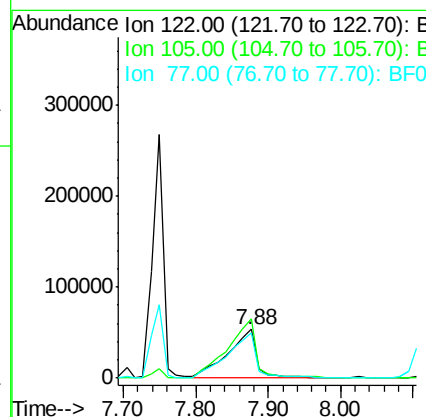
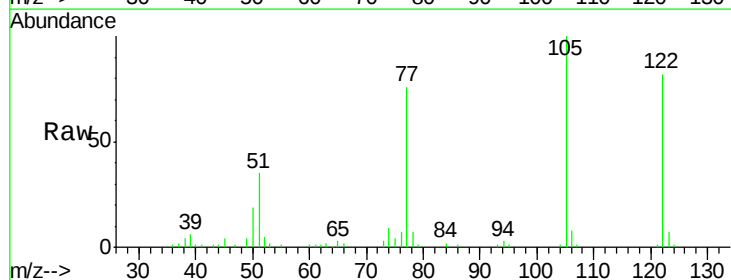
RT: 7.88 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

Tgt Ion:	122	Resp:	145600
Ion Ratio	Lower	Upper	
122	100		
105	121.6	102.9	142.9
77	92.6	71.8	111.8





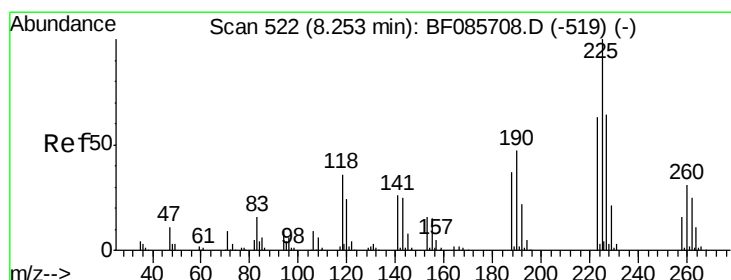
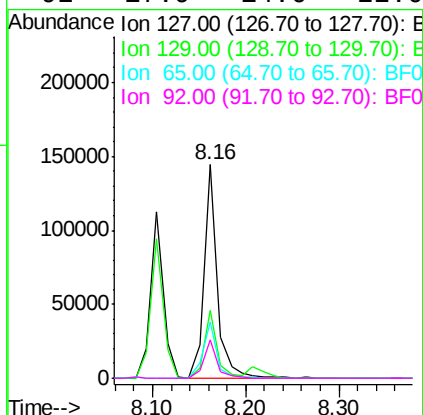
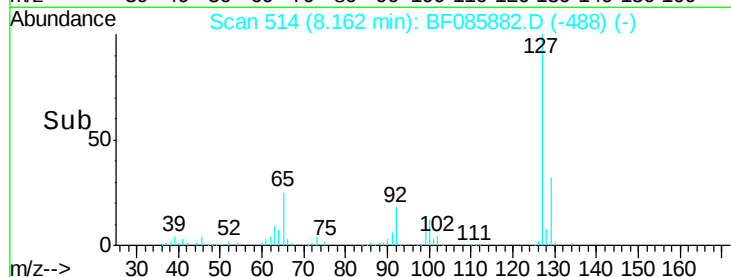
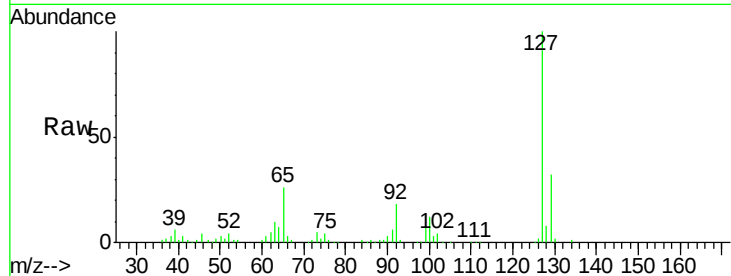
#33
4-Chloroaniline
Concen: 17.52 ng
RT: 8.16 min Scan# 514
Delta R.T. -0.00 min
Lab File: BF085882.D
Acq: 30 Mar 2016 13:19

Instrument :
BNA_F
ClientSampleId :
PB89268BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	145124		
129	31.5	26.1	39.1	
65	26.2	19.5	29.3	
92	17.9	14.6	22.0	

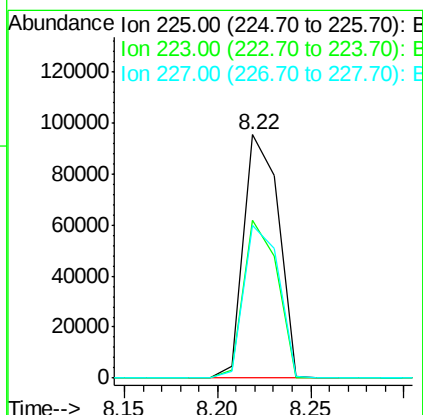
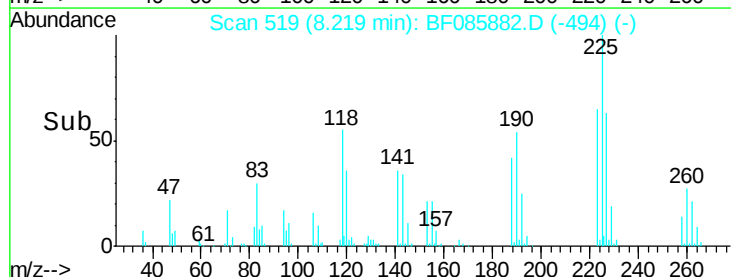
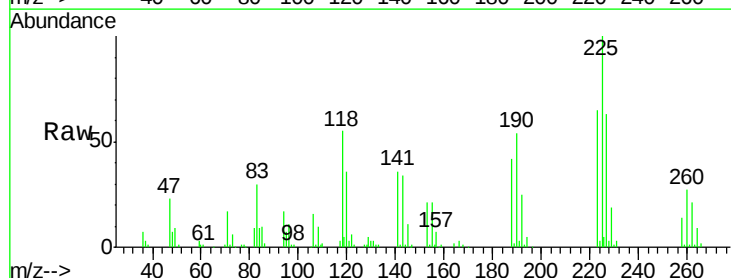
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#34
Hexachlorobutadiene
Concen: 37.89 ng
RT: 8.22 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF085882.D
Acq: 30 Mar 2016 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	123851		
223	64.8	50.4	75.6	
227	62.6	51.4	77.2	





#35

Caprolactam

Concen: 39.43 ng

RT: 8.53 min Scan# 546

Delta R.T. -0.02 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

Instrument :

BNA_F

ClientSampleId :

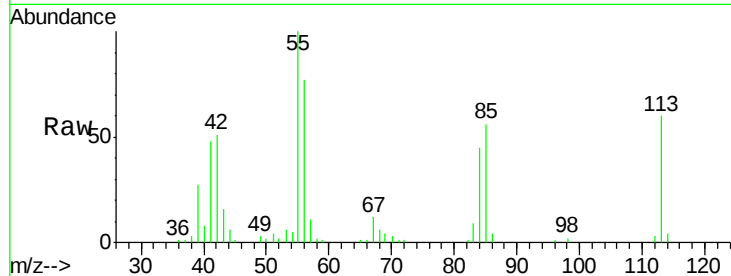
PB89268BS

Tgt Ion:113 Resp: 75648

Ion	Ratio	Lower	Upper
113	100		
55	167.0	139.4	179.4
56	128.6	100.4	140.4

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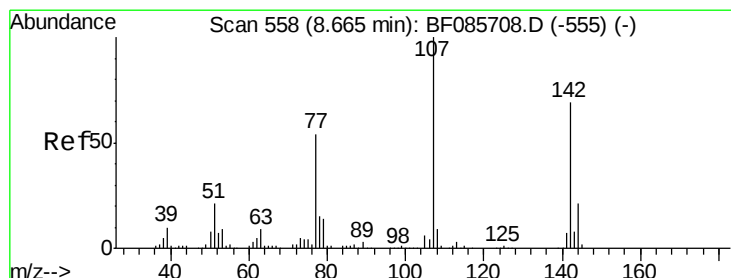
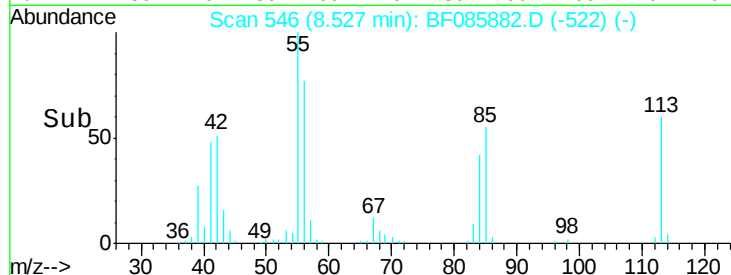
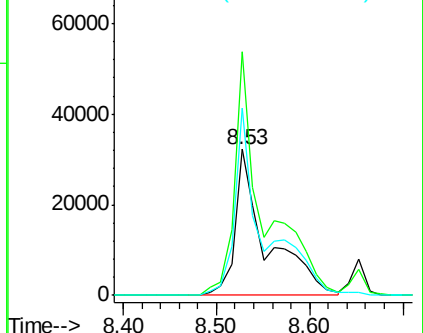
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 42.27 ng

RT: 8.65 min Scan# 557

Delta R.T. -0.00 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

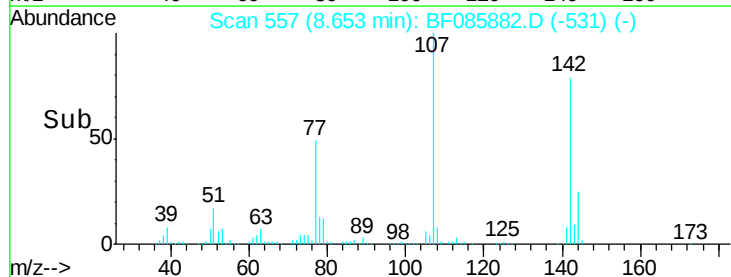
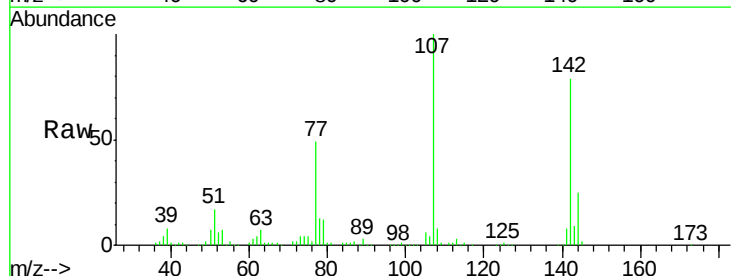
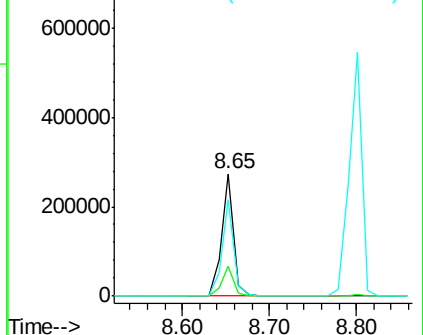
Tgt Ion:107 Resp: 267433

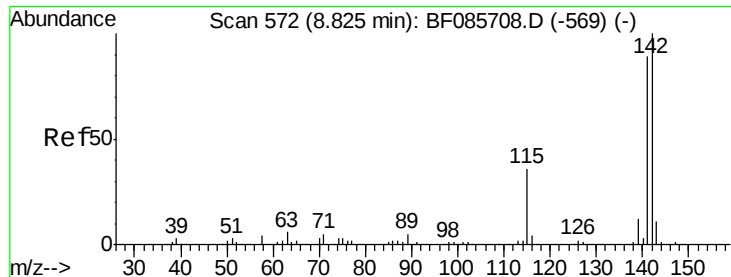
Ion	Ratio	Lower	Upper
107	100		
144	24.7	19.3	28.9
142	78.5	61.4	92.0

Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





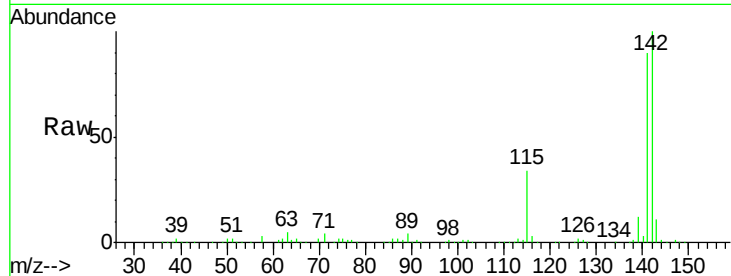
#37
2-Methylnaphthalene
Concen: 49.31 ng
RT: 8.80 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF085882.D
Acq: 30 Mar 2016 13:19

Instrument :
BNA_F
ClientSampleId :
PB89268BS

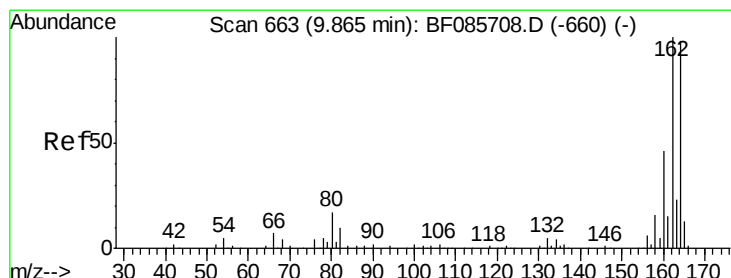
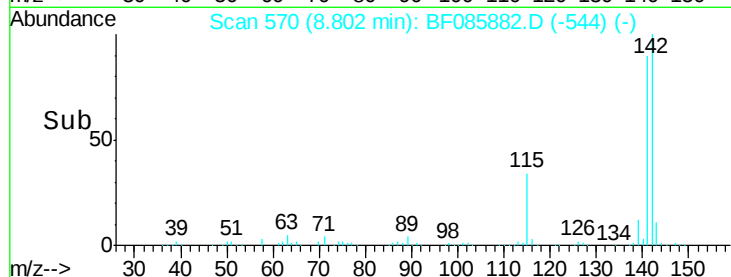
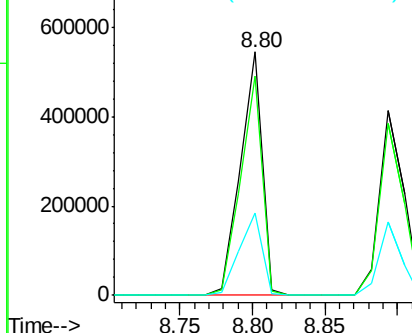
Tgt Ion	Ratio	Resp	Lower	Upper
142	100	569775		
141	89.9	71.6	107.4	
115	33.9	26.8	40.2	

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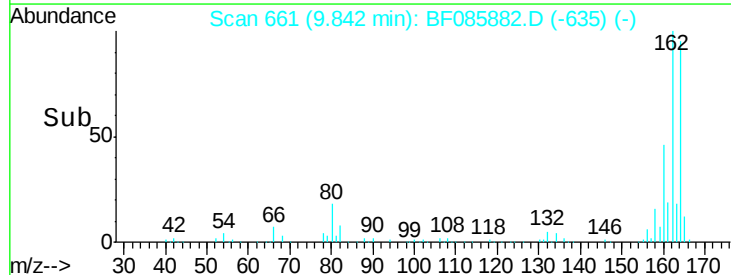
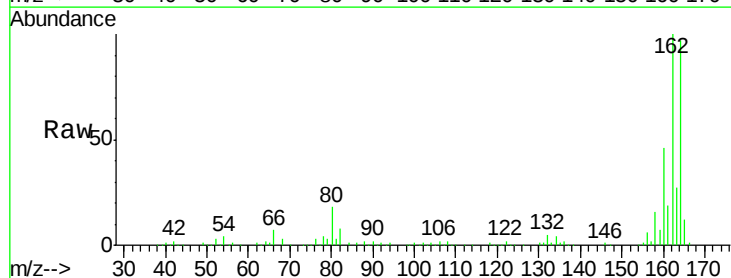
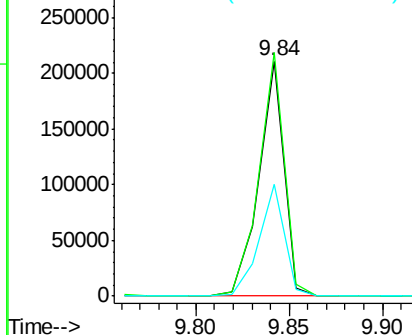
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

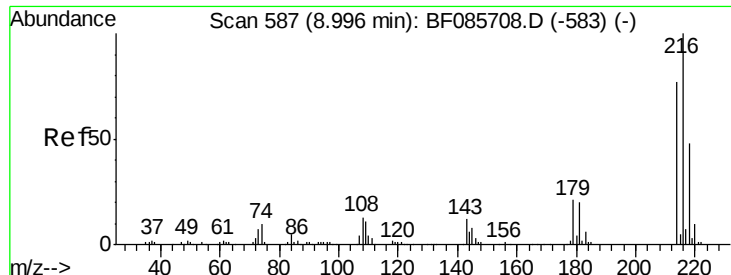


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 661
Delta R.T. -0.00 min
Lab File: BF085882.D
Acq: 30 Mar 2016 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	194329		
162	103.6	82.1	123.1	
160	47.6	37.4	56.2	

Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





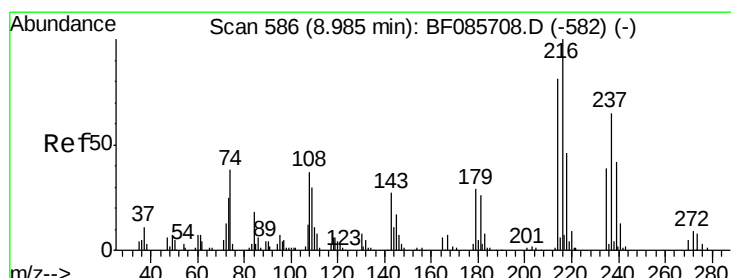
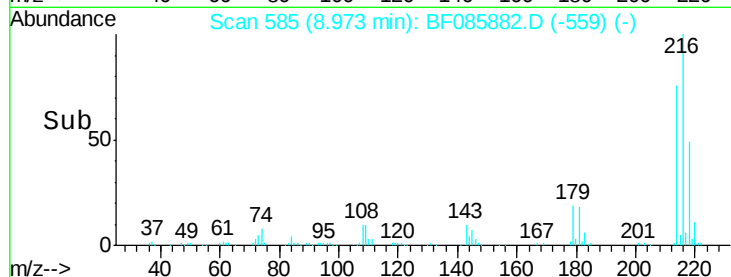
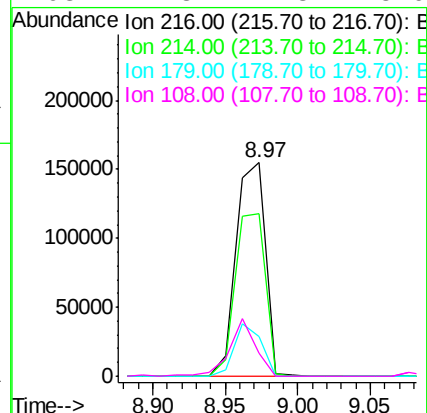
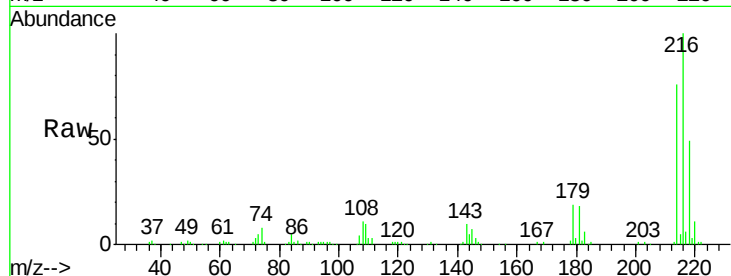
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.70 ng
 RT: 8.97 min Scan# 585
 Delta R.T. -0.00 min
 Lab File: BF085882.D
 Acq: 30 Mar 2016 13:19

Instrument :
 BNA_F
 ClientSampleId :
 PB89268BS

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	217241		
214	78.4	63.1	94.7	
179	22.8	18.2	27.2	
108	24.3	17.3	25.9	

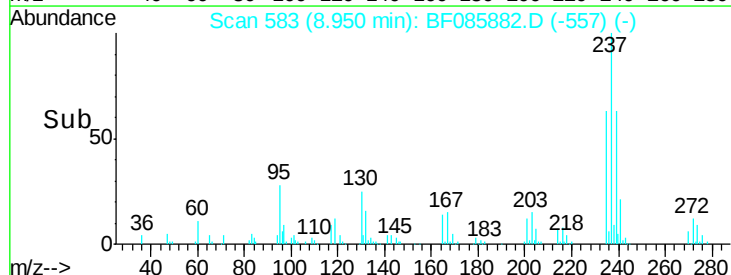
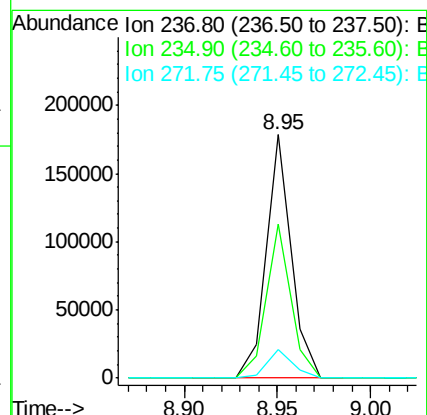
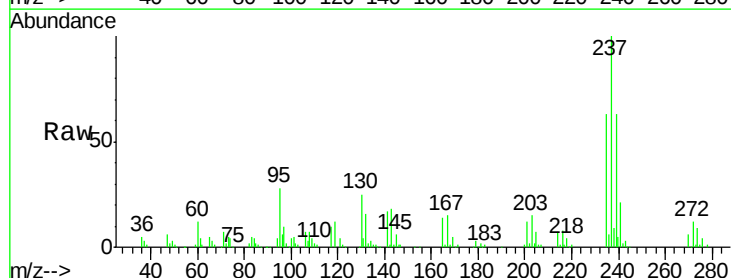
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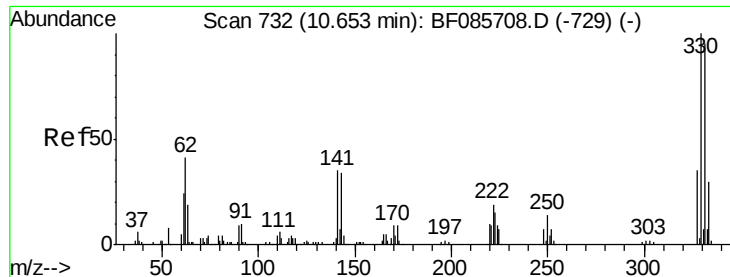
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#40
 Hexachlorocyclopentadiene
 Concen: 69.64 ng
 RT: 8.95 min Scan# 583
 Delta R.T. -0.00 min
 Lab File: BF085882.D
 Acq: 30 Mar 2016 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	164033		
235	63.2	43.7	83.7	
272	11.6	0.0	31.9	





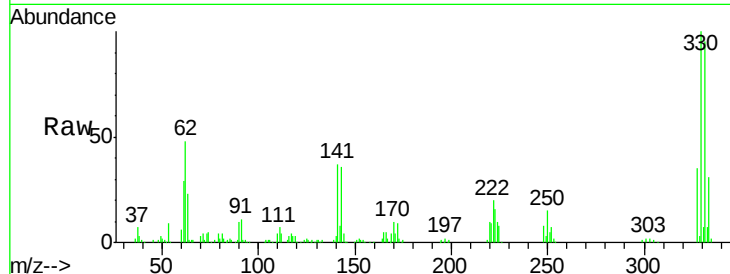
#41
 2,4,6-Tribromophenol
 Concen: 117.27 ng
 RT: 10.63 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: BF085882.D
 Acq: 30 Mar 2016 13:19

Instrument :
 BNA_F
 ClientSampleId :
 PB89268BS

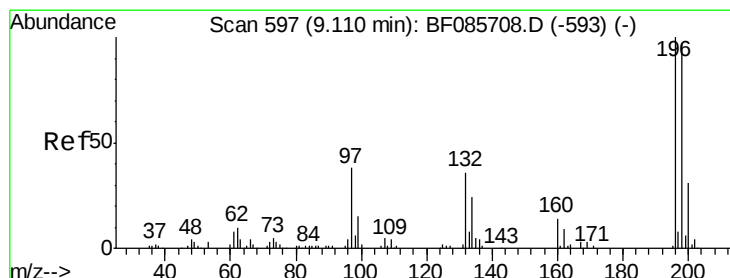
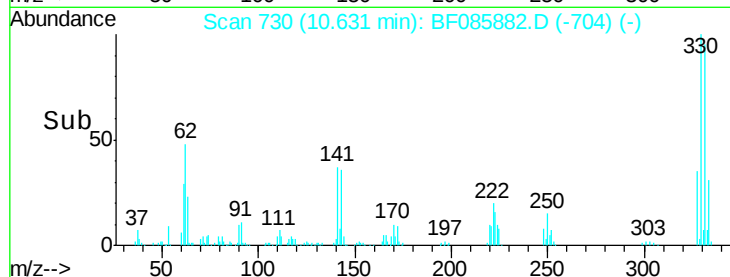
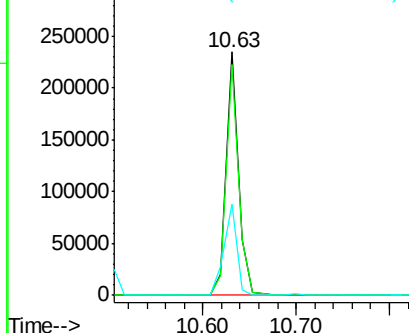
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	216515		
332	95.9	78.2	117.2	
141	39.2	31.5	47.3	

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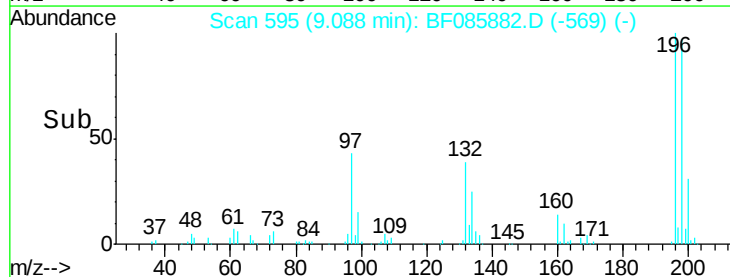
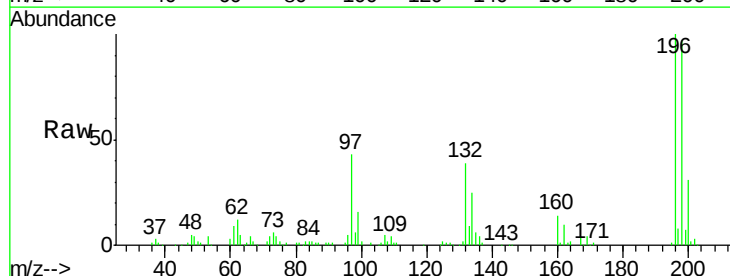
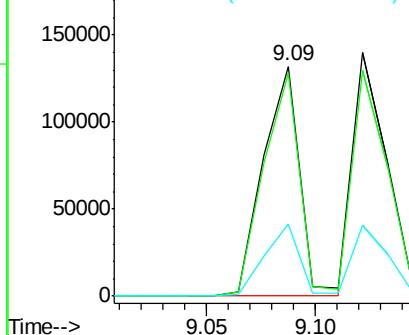
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

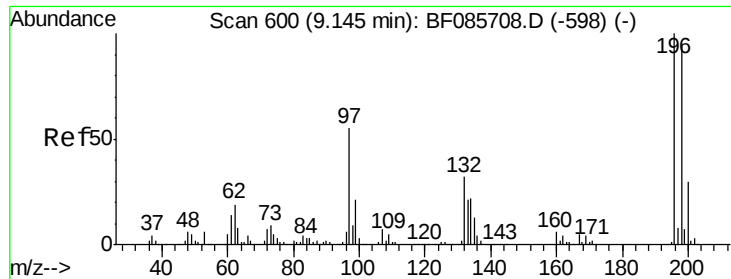


#42
 2,4,6-Trichlorophenol
 Concen: 39.83 ng
 RT: 9.09 min Scan# 595
 Delta R.T. -0.00 min
 Lab File: BF085882.D
 Acq: 30 Mar 2016 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	155023		
198	96.9	75.3	112.9	
200	31.4	23.7	35.5	

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





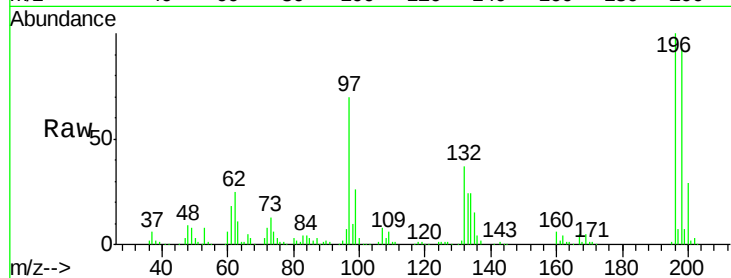
#43
 2,4,5-Trichlorophenol
 Concen: 38.52 ng
 RT: 9.12 min Scan# 598
 Delta R.T. -0.01 min
 Lab File: BF085882.D
 Acq: 30 Mar 2016 13:19

Instrument :
 BNA_F
 ClientSampleId :
 PB89268BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	157232		
198	92.9	76.6	114.8	
97	69.8	30.5	45.7#	
132	37.3	20.2	30.2#	

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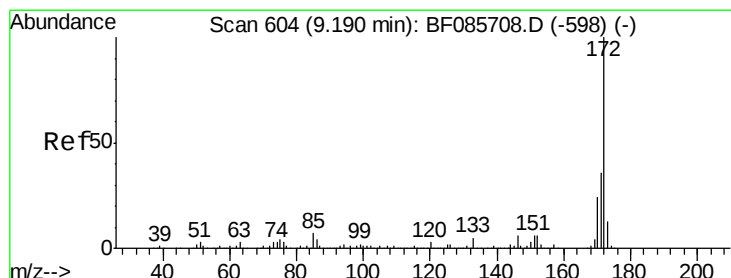
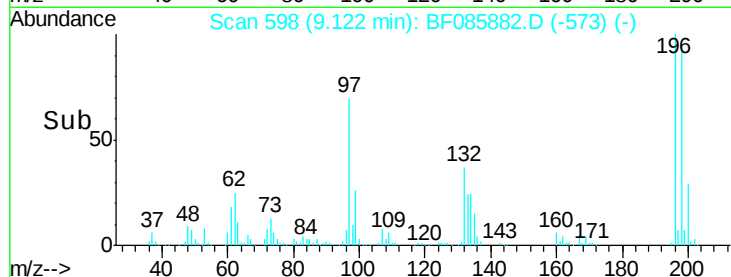
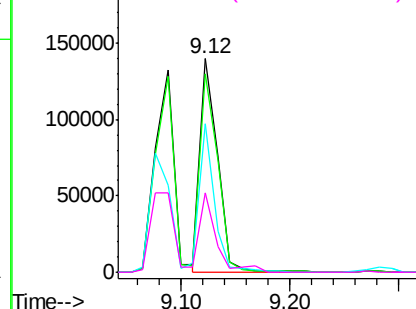
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 94.88 ng
 RT: 9.17 min Scan# 602
 Delta R.T. -0.00 min
 Lab File: BF085882.D
 Acq: 30 Mar 2016 13:19

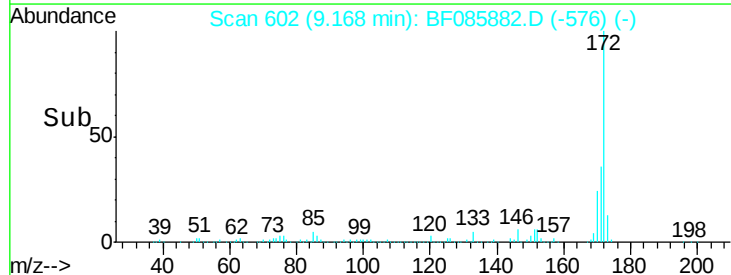
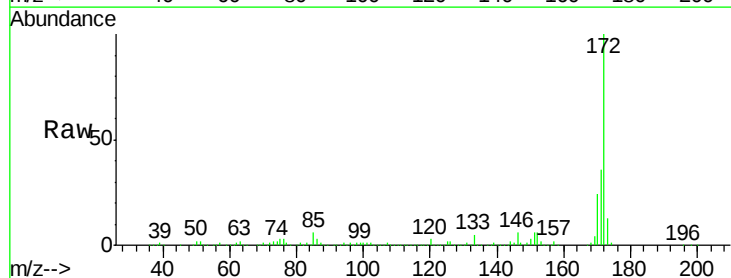
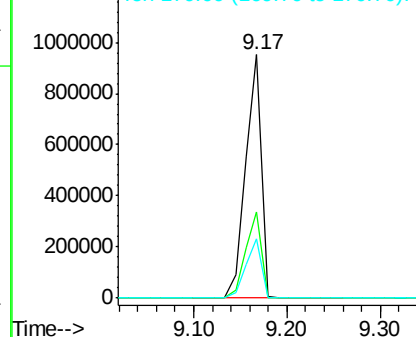
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1103602		
171	35.6	29.4	44.2	
170	24.4	19.8	29.6	

Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





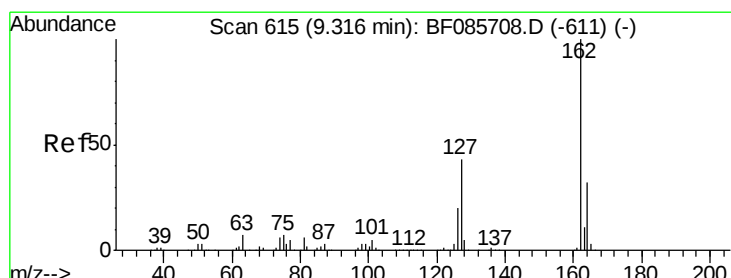
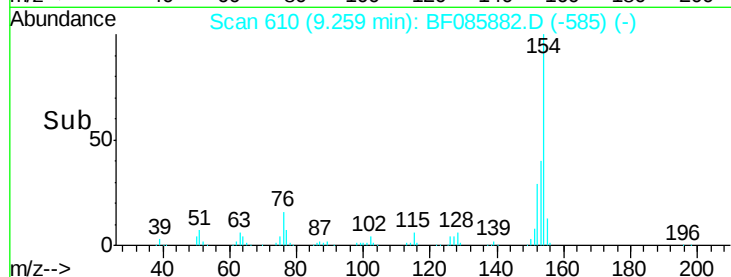
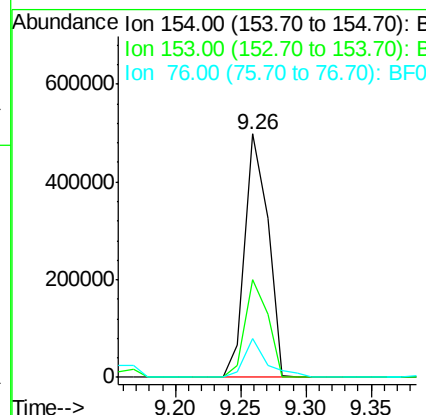
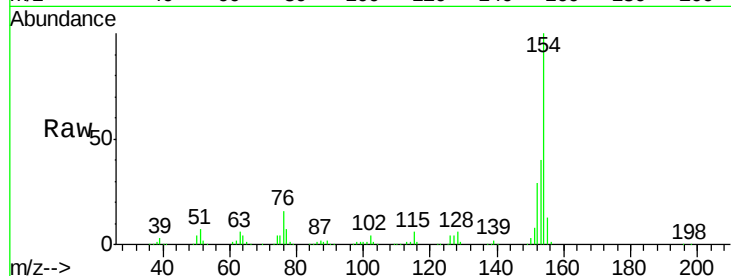
#45
1,1'-Biphenyl
Concen: 37.45 ng
RT: 9.26 min Scan# 610
Delta R.T. -0.01 min
Lab File: BF085882.D
Acq: 30 Mar 2016 13:19

Instrument :
BNA_F
ClientSampleId :
PB89268BS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	614048		
153	40.4	20.8	60.8	
76	16.0	0.0	36.7	

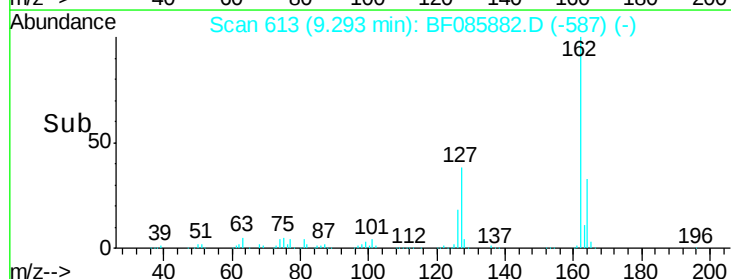
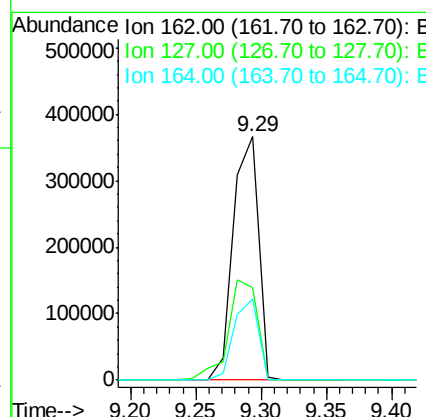
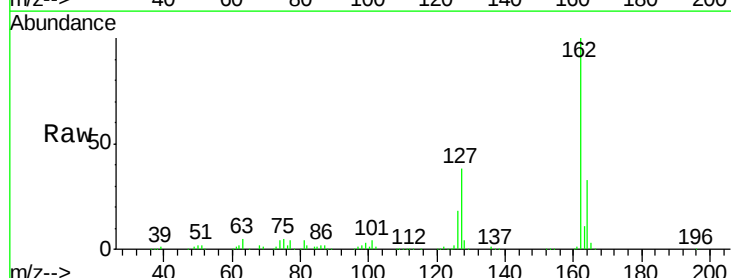
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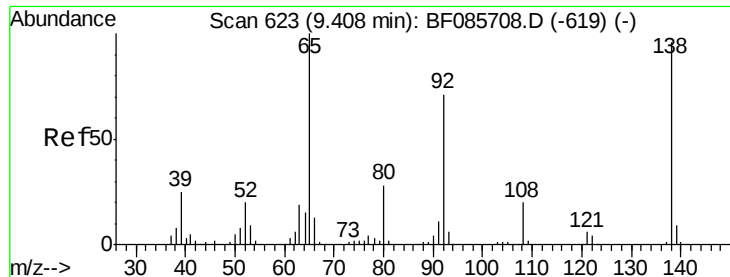
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#46
2-Chloronaphthalene
Concen: 40.62 ng
RT: 9.29 min Scan# 613
Delta R.T. -0.00 min
Lab File: BF085882.D
Acq: 30 Mar 2016 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	489820		
127	38.2	31.7	47.5	
164	33.4	27.3	40.9	





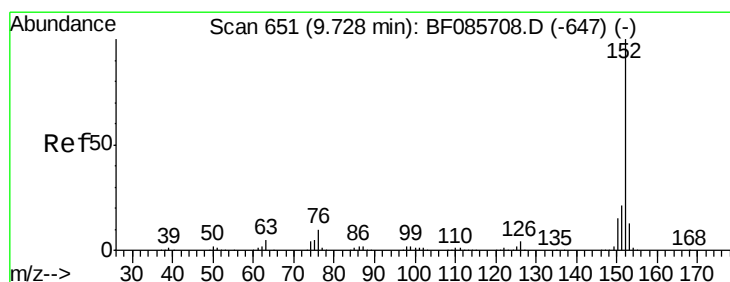
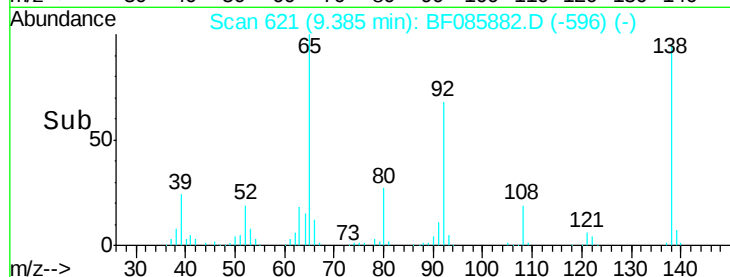
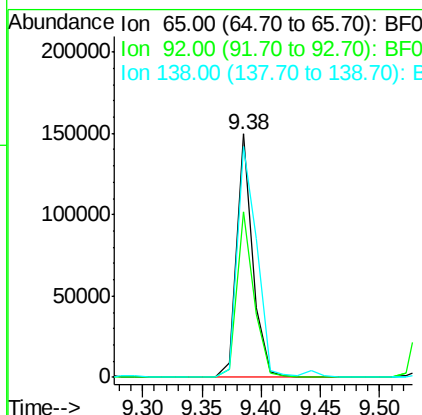
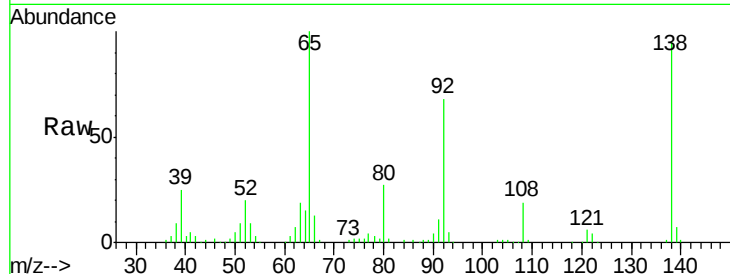
#47
2-Nitroaniline
Concen: 38.56 ng
RT: 9.38 min Scan# 621
Delta R.T. -0.01 min
Lab File: BF085882.D
Acq: 30 Mar 2016 13:19

Instrument :
BNA_F
ClientSampleId :
PB89268BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.1	59.7	89.5
138	94.8	91.4	137.0

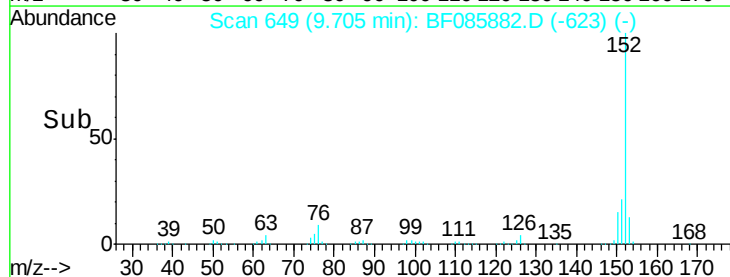
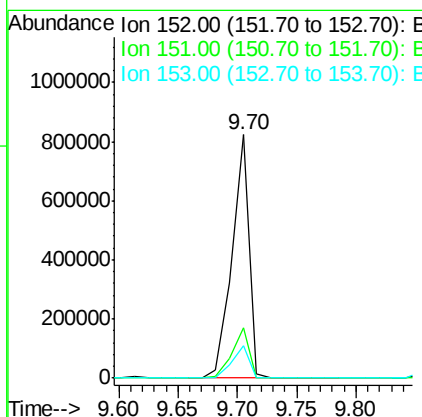
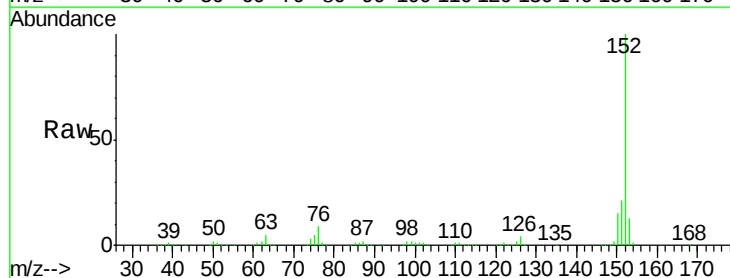
Manual Integrations
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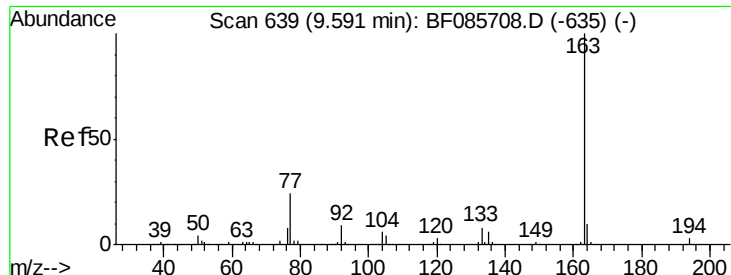
Sohil
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#48
Acenaphthylene
Concen: 41.49 ng
RT: 9.70 min Scan# 649
Delta R.T. -0.00 min
Lab File: BF085882.D
Acq: 30 Mar 2016 13:19

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.8	25.2
153	13.3	10.9	16.3





#49

Dimethylphthalate

Concen: 37.34 ng

RT: 9.57 min Scan# 637

Delta R.T. -0.00 min

Lab File: BF085882.D

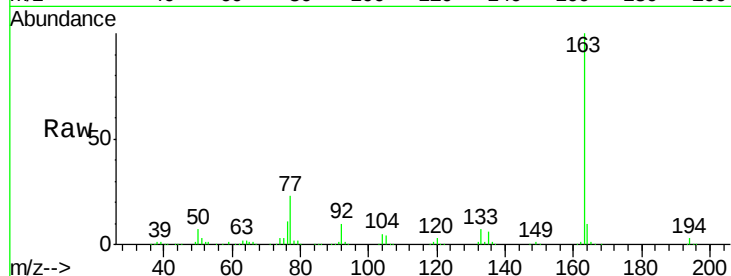
Acq: 30 Mar 2016 13:19

Instrument :

BNA_F

ClientSampleId :

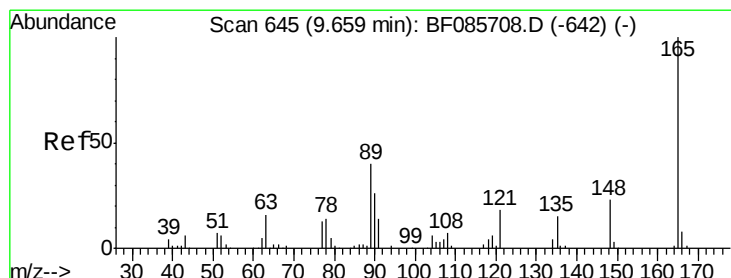
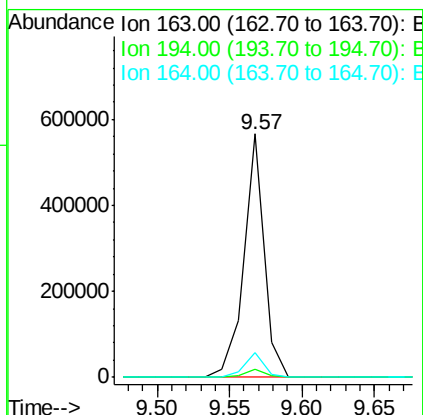
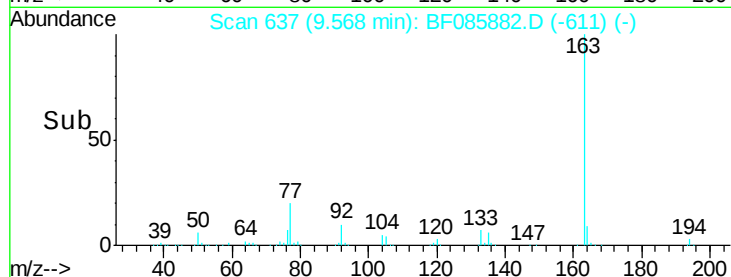
PB89268BS



Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.3	2.9	4.3
164	10.4	8.3	12.5

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#50

2,6-Dinitrotoluene

Concen: 41.21 ng

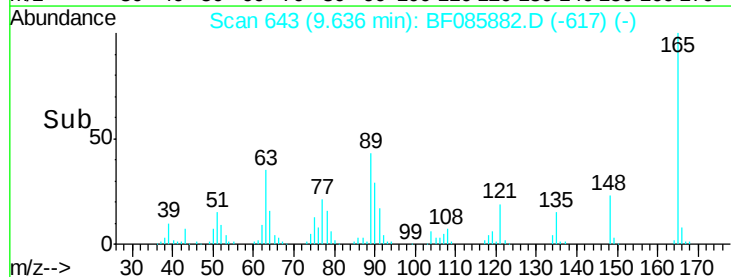
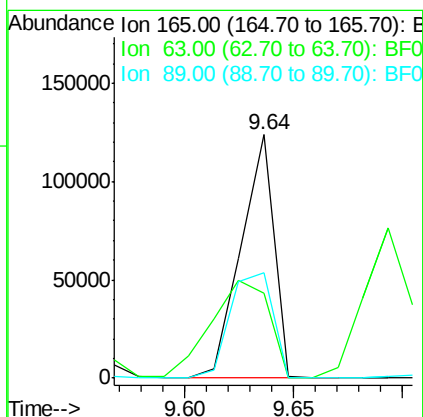
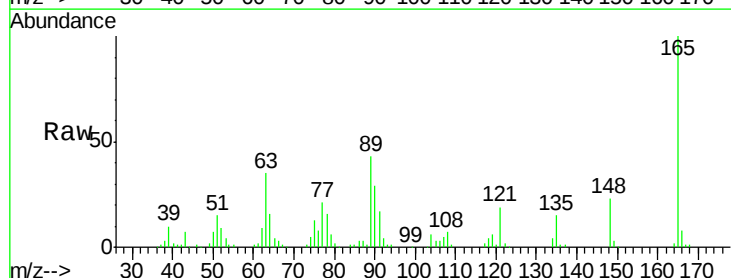
RT: 9.64 min Scan# 643

Delta R.T. -0.00 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	34.6	51.8	77.8#
89	43.5	53.7	80.5#





#51

Acenaphthene

Concen: 39.76 ng

RT: 9.88 min Scan# 664

Delta R.T. -0.00 min

Lab File: BF085882.D

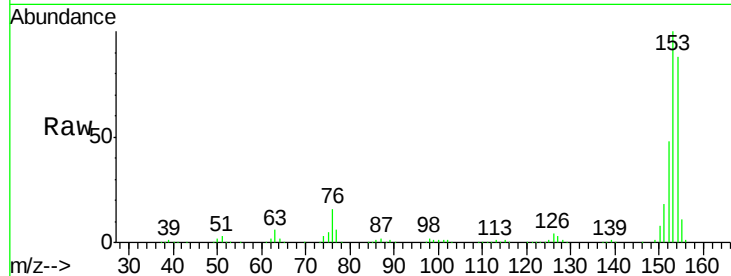
Acq: 30 Mar 2016 13:19

Instrument :

BNA_F

ClientSampleId :

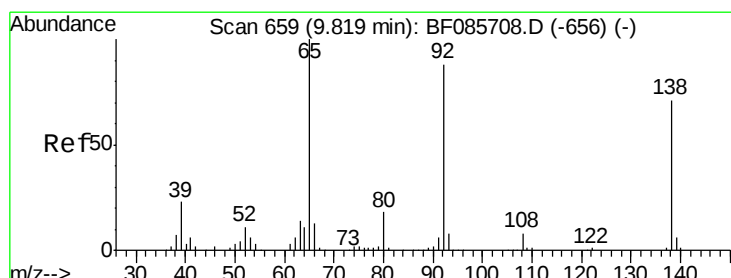
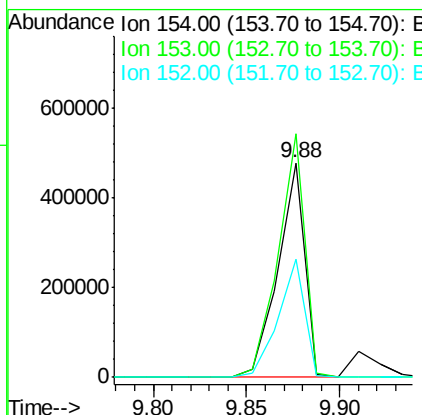
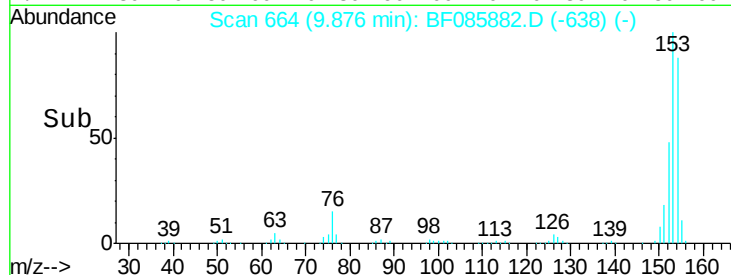
PB89268BS



Tgt Ion:	154	Resp:	477168
Ion Ratio	Lower	Upper	
154	100		
153	113.5	90.1	135.1
152	55.0	44.2	66.2

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#52

3-Nitroaniline

Concen: 22.41 ng

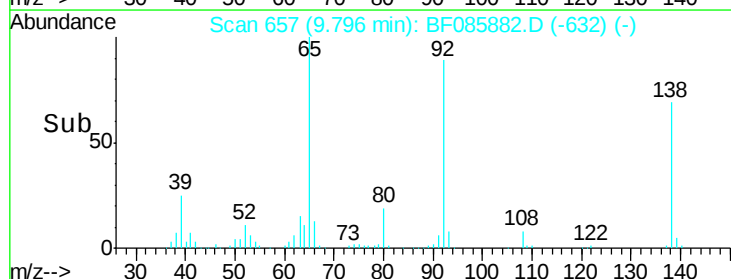
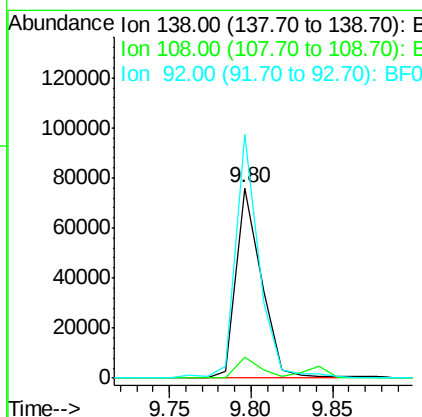
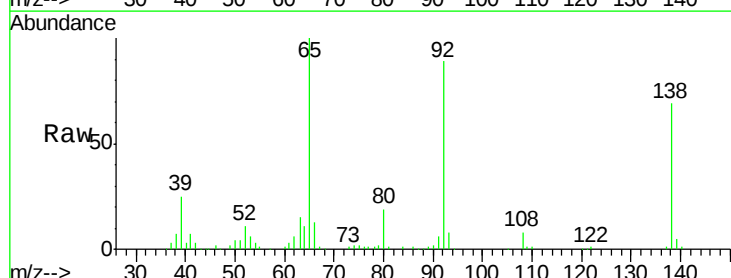
RT: 9.80 min Scan# 657

Delta R.T. -0.01 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

Tgt Ion:	138	Resp:	81409
Ion Ratio	Lower	Upper	
138	100		
108	11.0	8.7	13.1
92	128.2	93.3	139.9





#53

2,4-Dinitrophenol

Concen: 67.13 ng

RT: 9.91 min Scan# 667

Delta R.T. -0.01 min

Lab File: BF085882.D

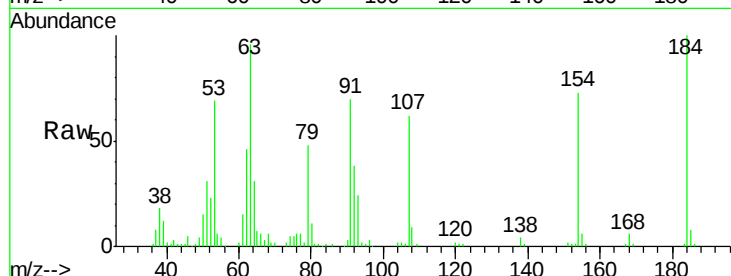
Acq: 30 Mar 2016 13:19

Instrument :

BNA_F

ClientSampleId :

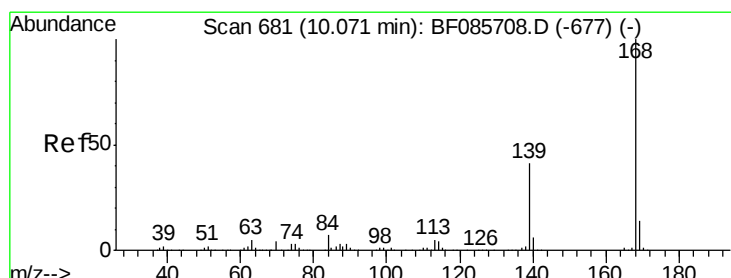
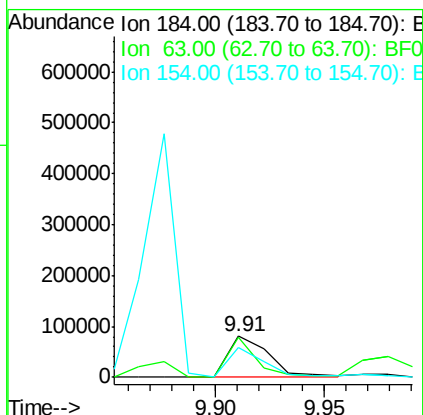
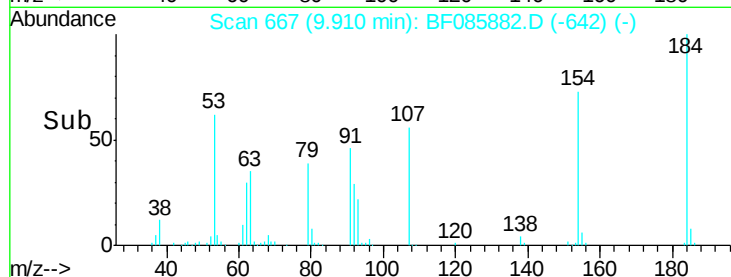
PB89268BS



Tgt Ion:	184	Resp:	105943
Ion Ratio	Lower	Upper	
184	100		
63	96.3	69.5	104.3
154	72.6	58.3	87.5

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#54

Dibenzofuran

Concen: 44.53 ng

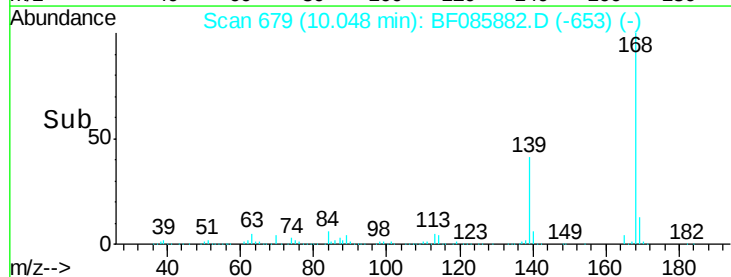
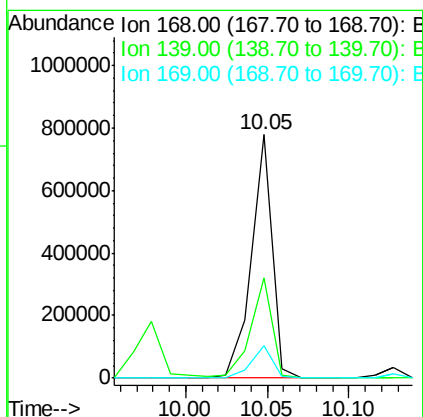
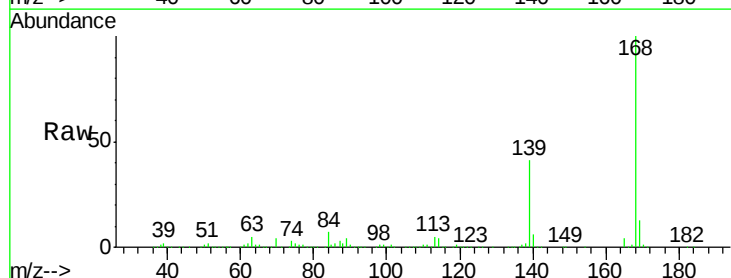
RT: 10.05 min Scan# 679

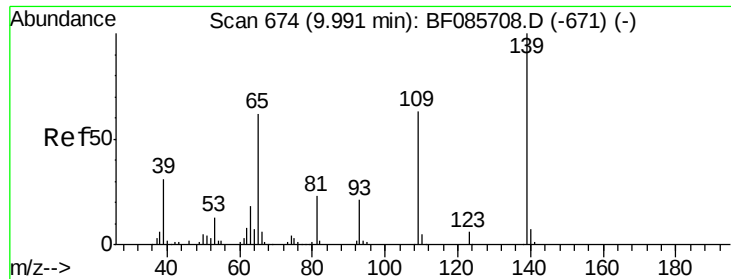
Delta R.T. -0.00 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

Tgt Ion:	168	Resp:	691652
Ion Ratio	Lower	Upper	
168	100		
139	41.1	31.9	47.9
169	13.3	11.0	16.6





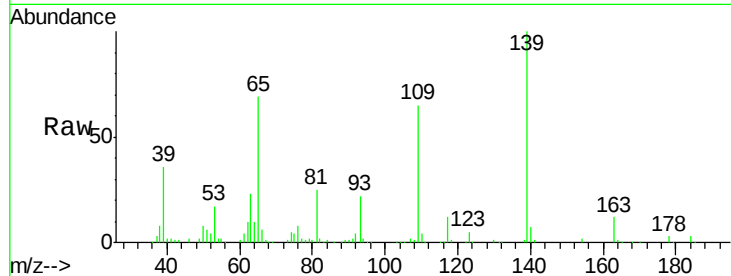
#55
4-Nitrophenol
Concen: 84.40 ng
RT: 9.98 min Scan# 673
Delta R.T. -0.00 min
Lab File: BF085882.D
Acq: 30 Mar 2016 13:19

Instrument :
BNA_F
ClientSampleId :
PB89268BS

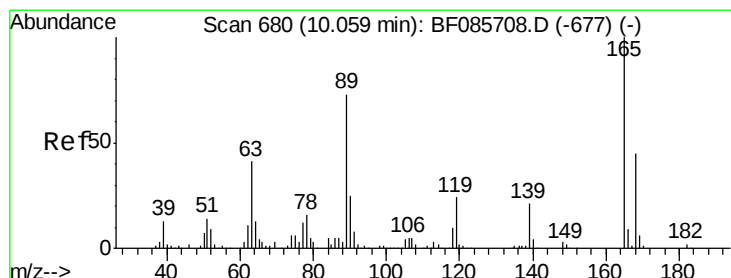
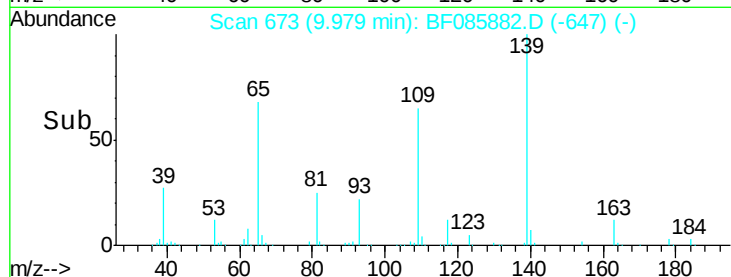
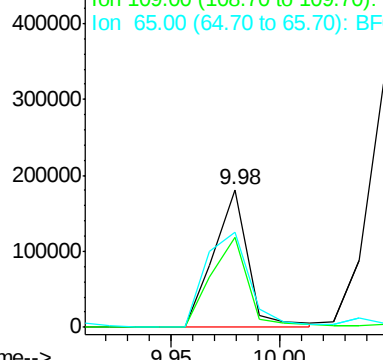
Tgt Ion	Ratio	Resp	Lower	Upper
139	100	199723		
109	65.3	49.2	89.2	
65	69.1	66.9	106.9	

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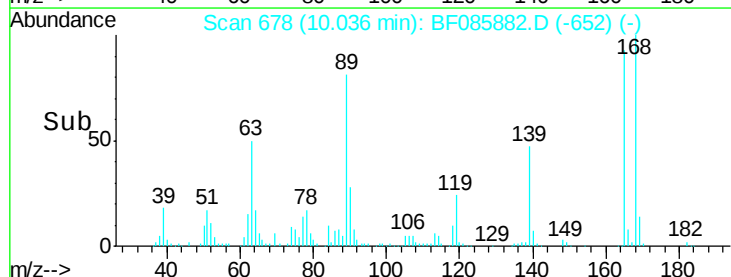
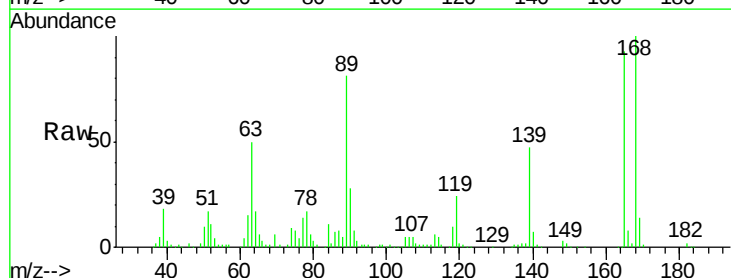
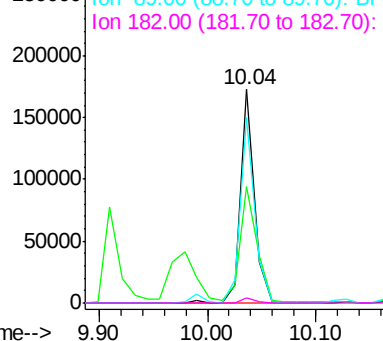
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

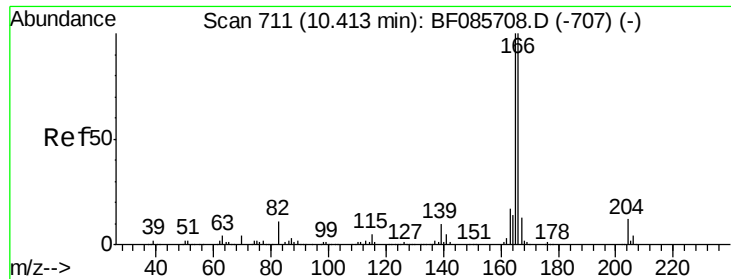


#56
2,4-Dinitrotoluene
Concen: 38.19 ng
RT: 10.04 min Scan# 678
Delta R.T. -0.00 min
Lab File: BF085882.D
Acq: 30 Mar 2016 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	154037		
63	54.3	24.9	37.3#	
89	87.1	41.0	61.6#	
182	2.3	2.1	3.1	

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





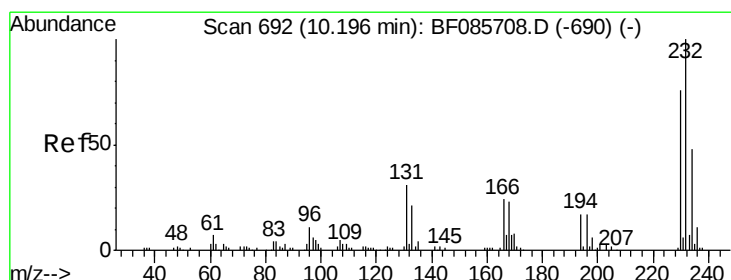
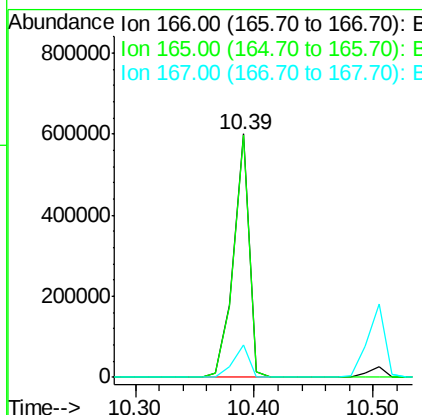
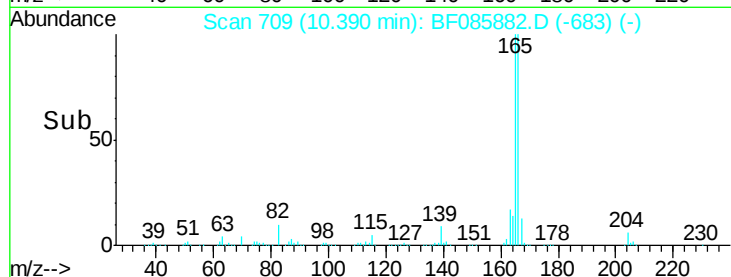
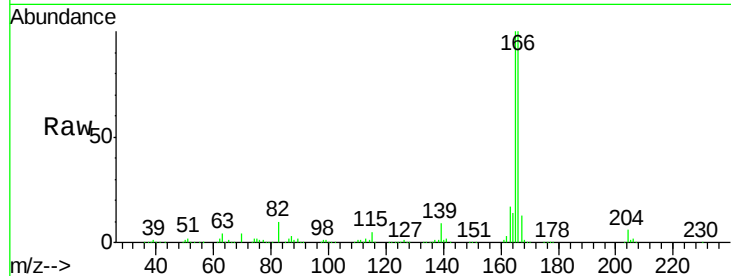
#57
 Fluorene
 Concen: 42.77 ng
 RT: 10.39 min Scan# 709
 Delta R.T. -0.00 min
 Lab File: BF085882.D
 Acq: 30 Mar 2016 13:19

Instrument :
 BNA_F
 ClientSampleId :
 PB89268BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	552212		
165	99.7	79.4	119.0	
167	13.3	11.0	16.4	

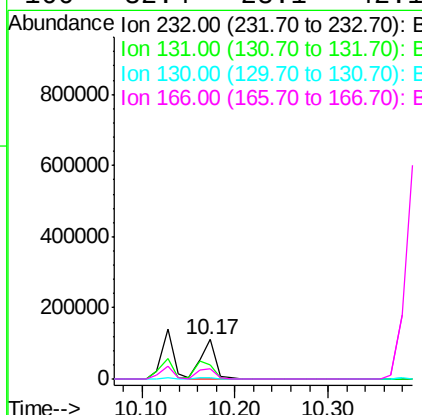
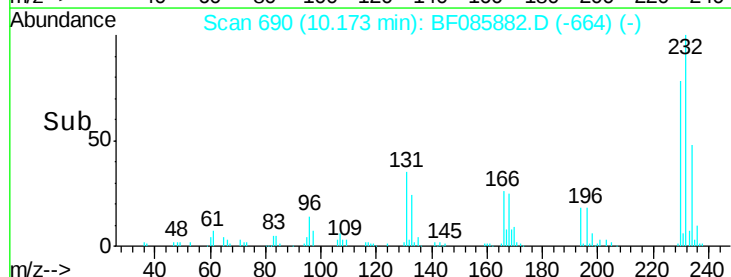
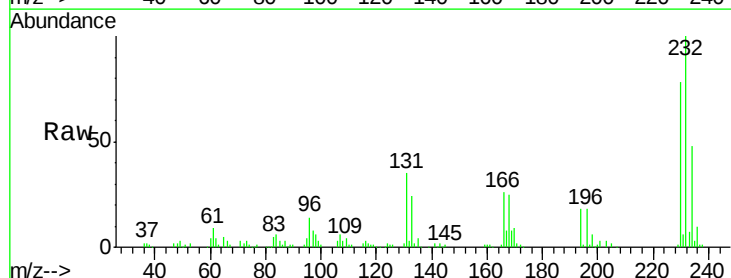
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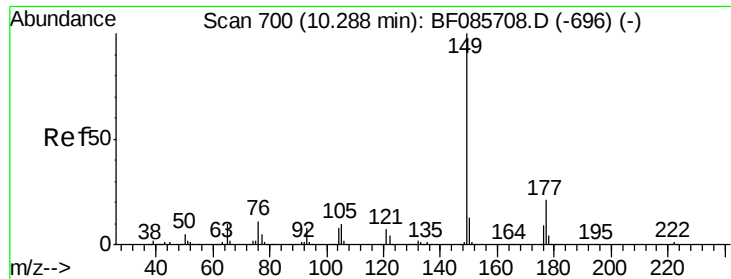
Sohil
 3/31/2016 4:51:28 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.96 ng
 RT: 10.17 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: BF085882.D
 Acq: 30 Mar 2016 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	121886		
131	53.9	44.9	67.3	
130	2.5	2.3	3.5	
166	32.4	28.1	42.1	





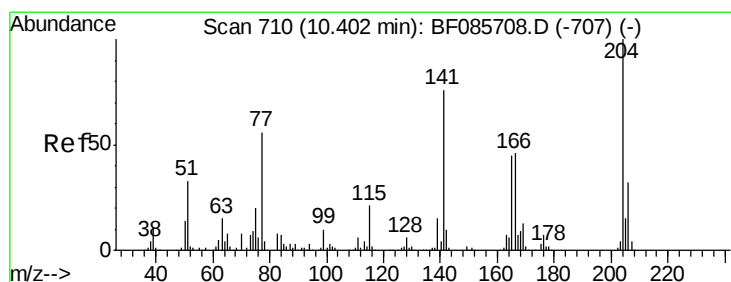
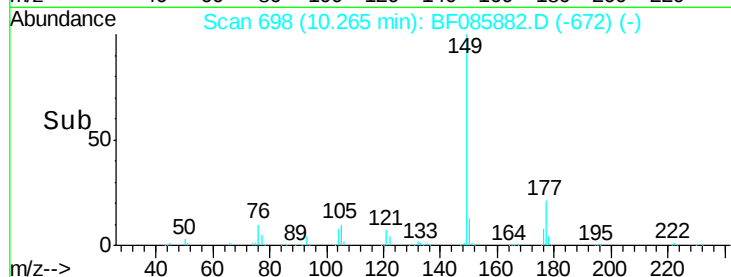
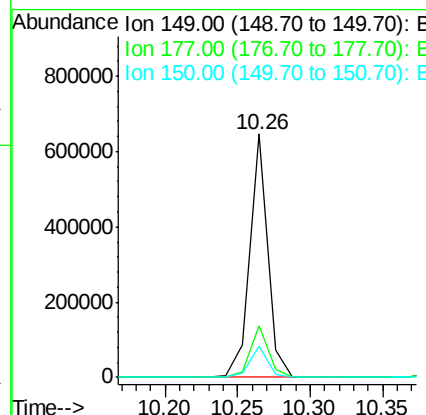
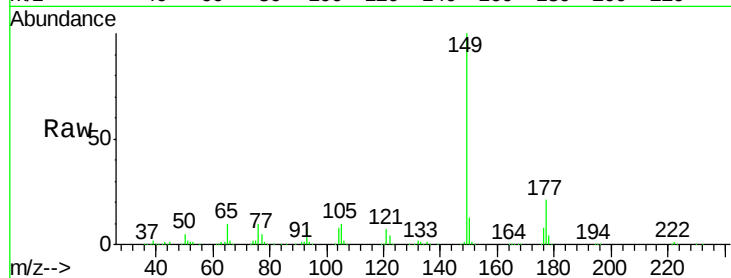
#59
Diethylphthalate
Concen: 38.36 ng
RT: 10.26 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF085882.D
Acq: 30 Mar 2016 13:19

Instrument :
BNA_F
ClientSampleId :
PB89268BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	558796		
177	21.2		17.9	26.9
150	12.7		10.2	15.2

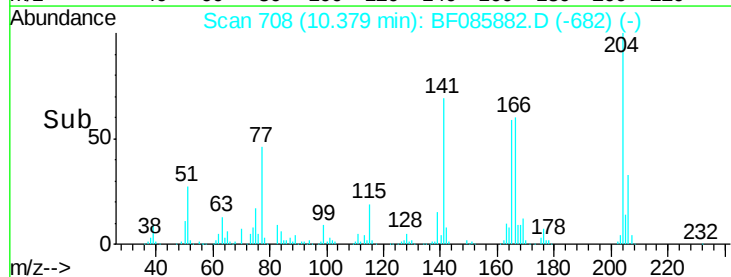
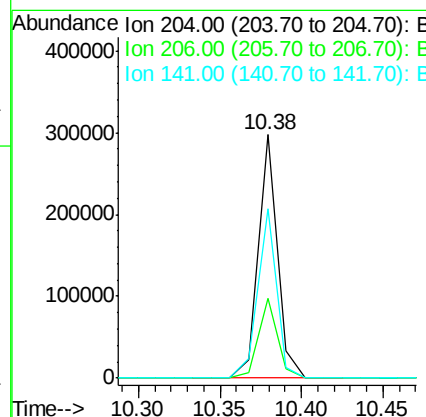
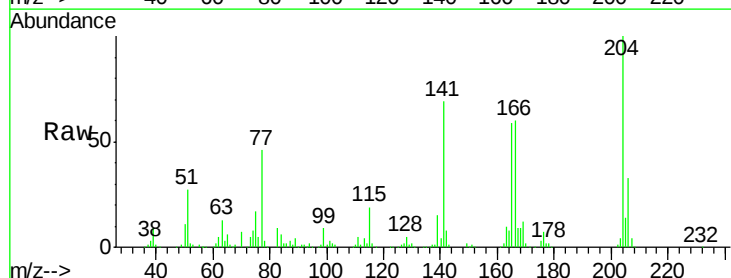
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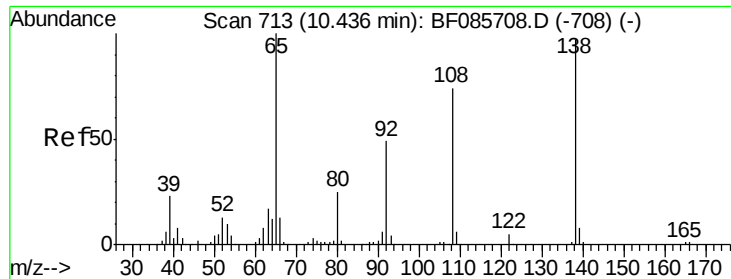
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 38.57 ng
RT: 10.38 min Scan# 708
Delta R.T. -0.00 min
Lab File: BF085882.D
Acq: 30 Mar 2016 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	243514		
206	32.7		26.6	39.8
141	69.4		57.4	86.0





#61

4-Nitroaniline

Concen: 36.99 ng

RT: 10.41 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

Instrument :

BNA_F

ClientSampleId :

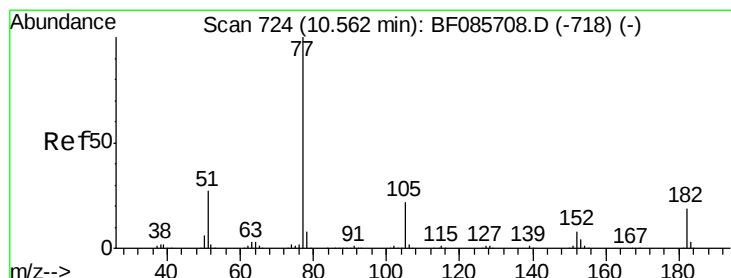
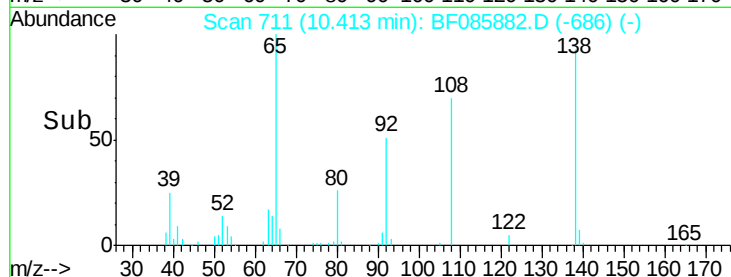
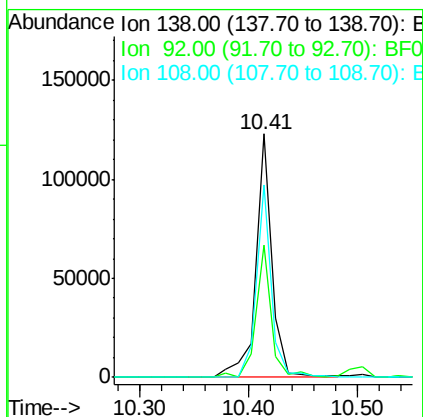
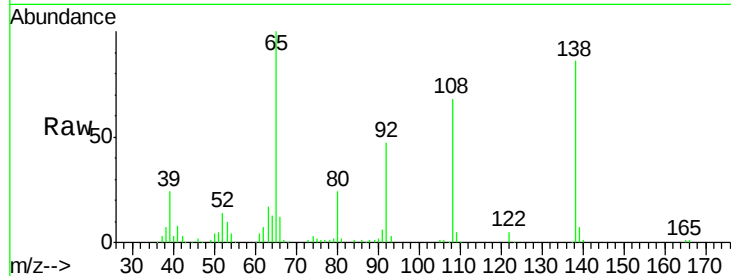
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Tgt Ion:	138	Resp:	128529
Ion Ratio	Lower	Upper	
138	100		
92	54.6	26.4	66.4
108	78.8	49.0	89.0



#62

Azobenzene

Concen: 44.88 ng

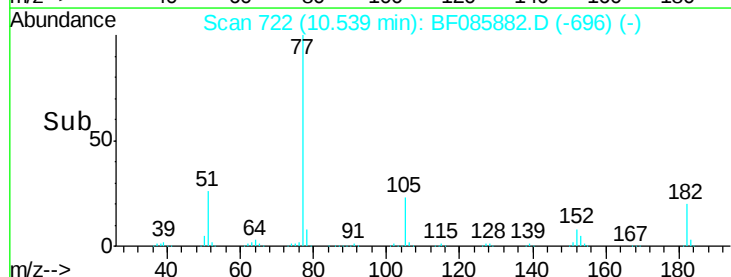
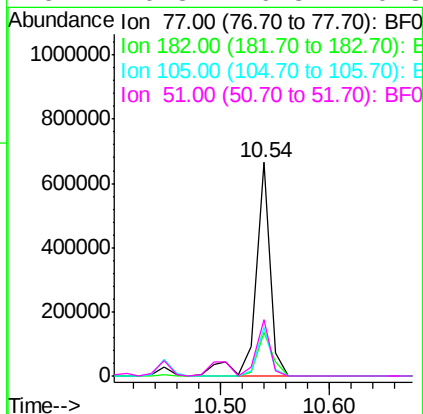
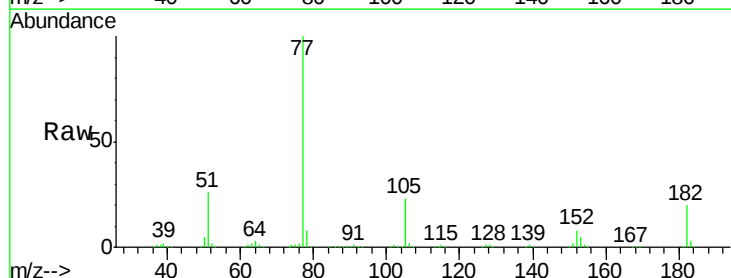
RT: 10.54 min Scan# 722

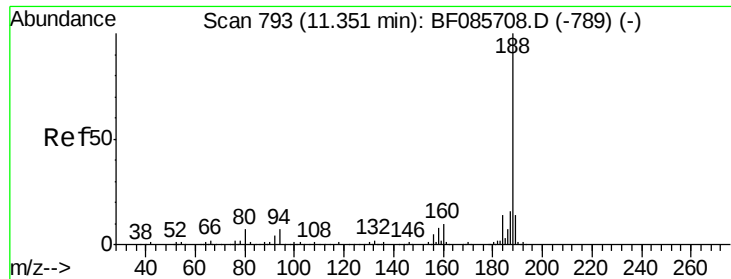
Delta R.T. -0.00 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

Tgt Ion:	77	Resp:	628220
Ion Ratio	Lower	Upper	
77	100		
182	20.4	1.9	41.9
105	23.0	3.5	43.5
51	26.3	6.3	46.3





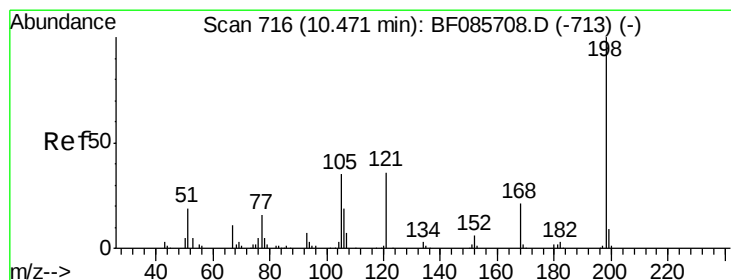
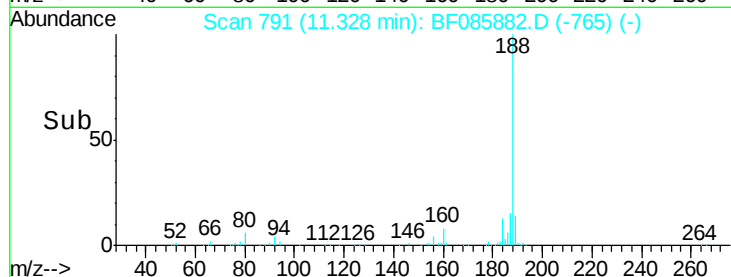
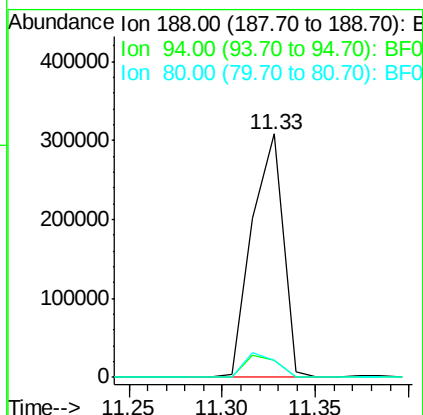
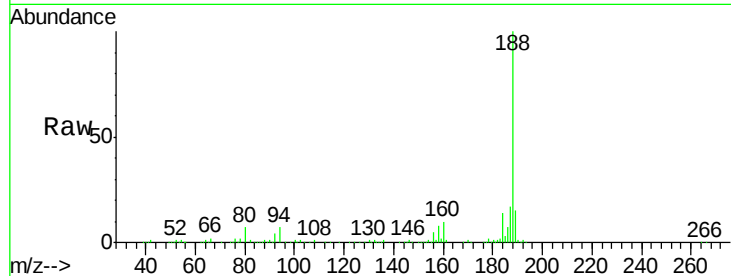
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF085882.D
Acq: 30 Mar 2016 13:19

Instrument :
BNA_F
ClientSampleId :
PB89268BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.0	5.4	8.0
80	6.9	5.5	8.3

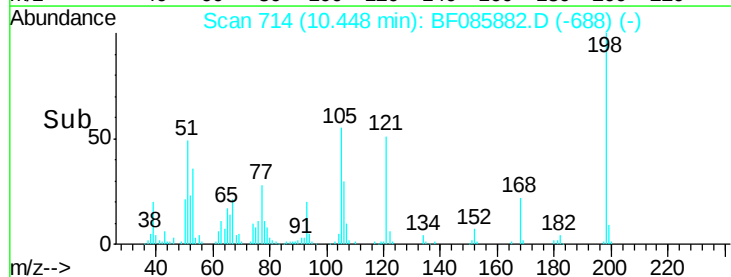
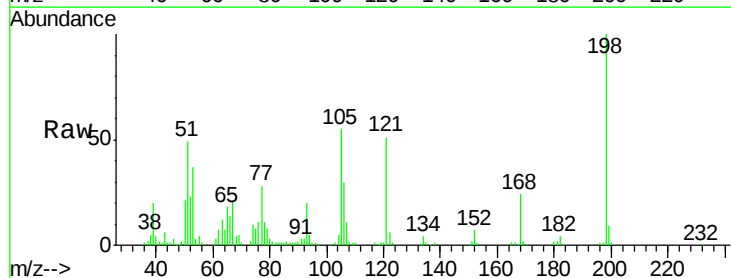
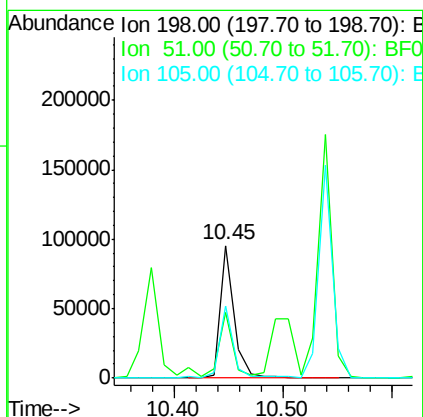
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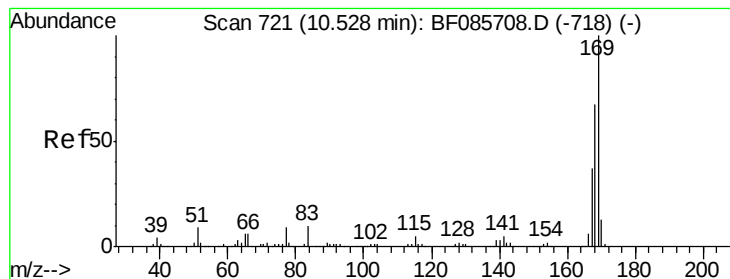
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#64
4,6-Dinitro-2-methylphenol
Concen: 41.04 ng
RT: 10.45 min Scan# 714
Delta R.T. -0.00 min
Lab File: BF085882.D
Acq: 30 Mar 2016 13:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	49.2	45.4	85.4
105	54.7	45.9	85.9





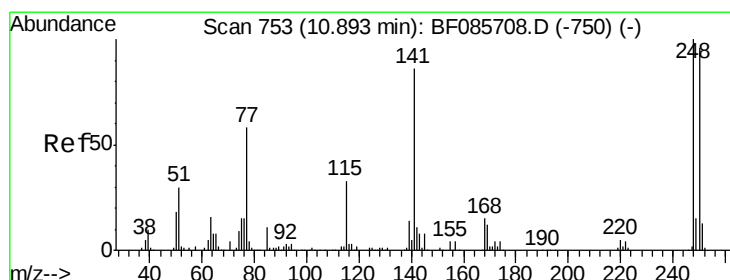
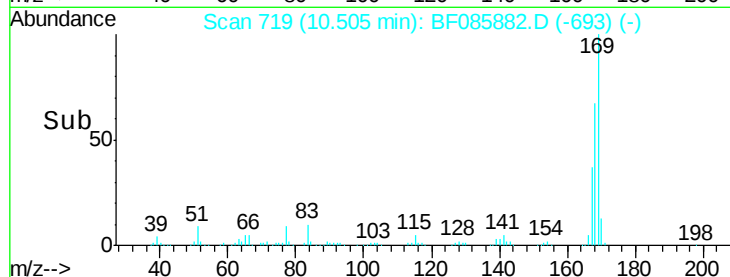
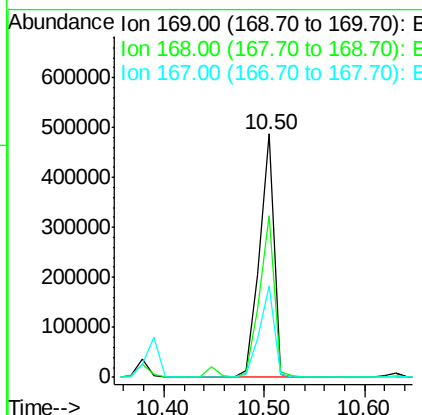
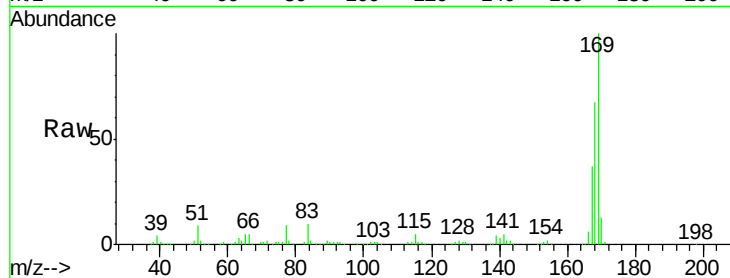
#65
n-Nitrosodiphenylamine
Concen: 43.50 ng
RT: 10.50 min Scan# 719
Delta R.T. -0.00 min
Lab File: BF085882.D
Acq: 30 Mar 2016 13:19

Instrument :
BNA_F
ClientSampleId :
PB89268BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	492720		
168	66.7	54.4	81.6	
167	37.3	29.4	44.0	

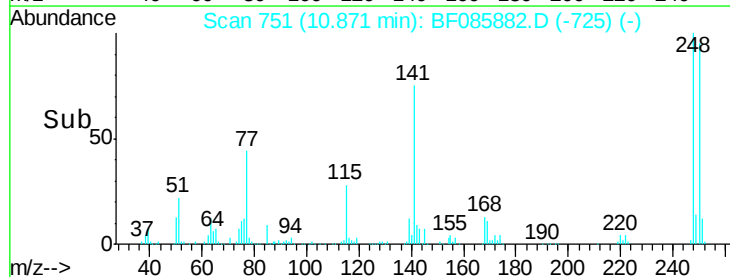
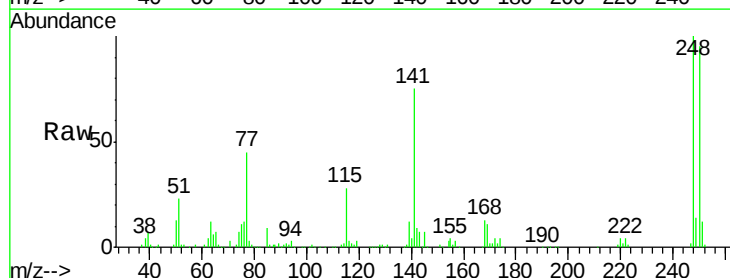
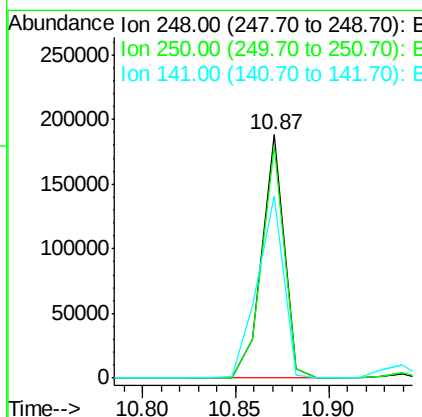
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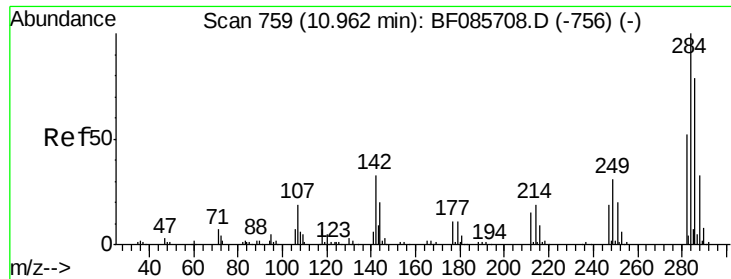
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#66
4-Bromophenyl-phenylether
Concen: 42.30 ng
RT: 10.87 min Scan# 751
Delta R.T. -0.00 min
Lab File: BF085882.D
Acq: 30 Mar 2016 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	154768		
250	95.3	77.4	116.0	
141	74.6	63.6	95.4	





#67

Hexachlorobenzene

Concen: 43.31 ng

RT: 10.94 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF085882.D

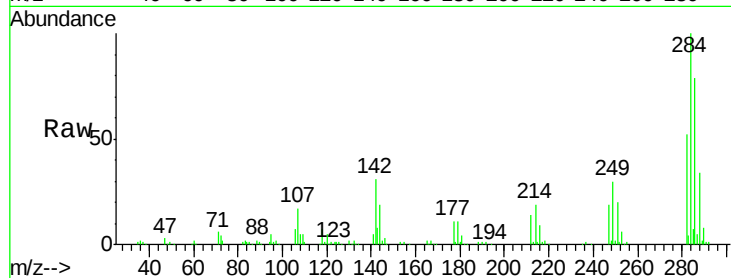
Acq: 30 Mar 2016 13:19

Instrument :

BNA_F

ClientSampled :

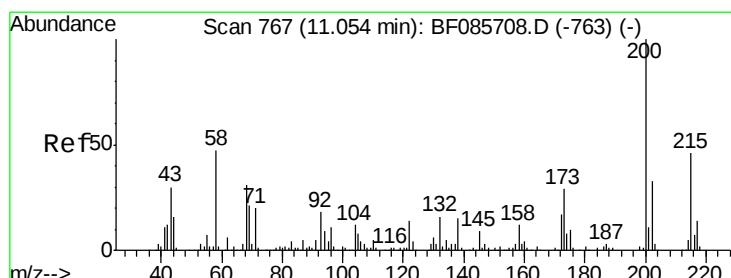
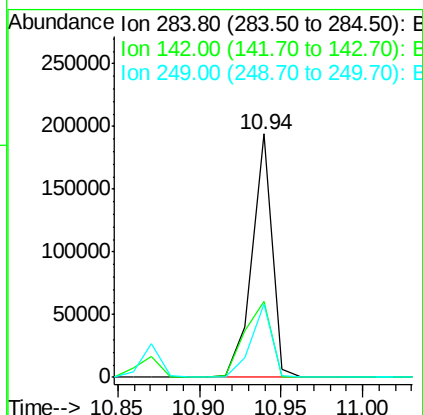
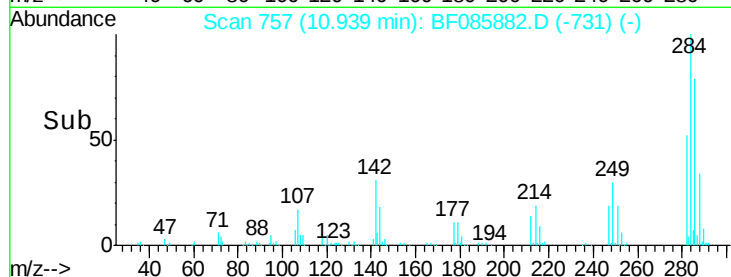
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Tgt Ion:	284	Resp:	165692
Ion Ratio	Lower	Upper	
284	100		
142	31.1	23.1	34.7
249	30.3	24.2	36.2

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#68

Atrazine

Concen: 39.66 ng

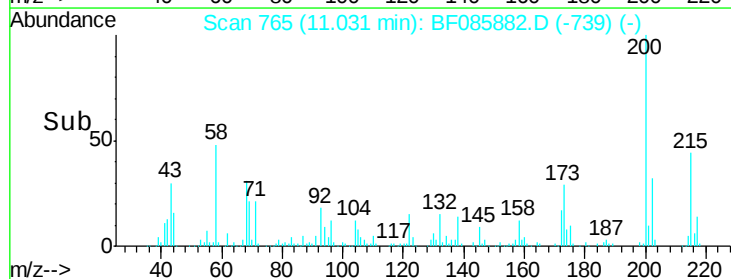
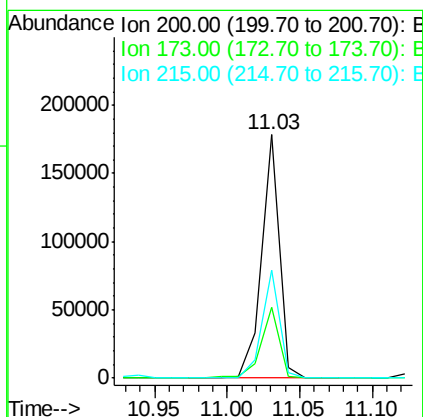
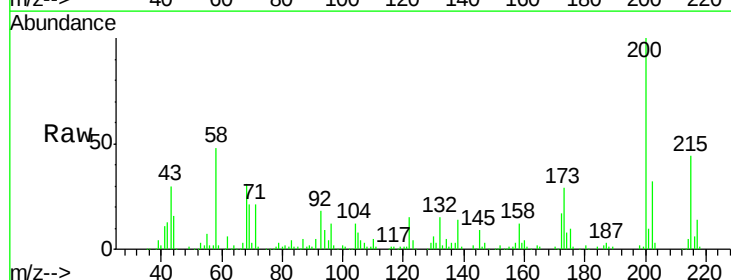
RT: 11.03 min Scan# 765

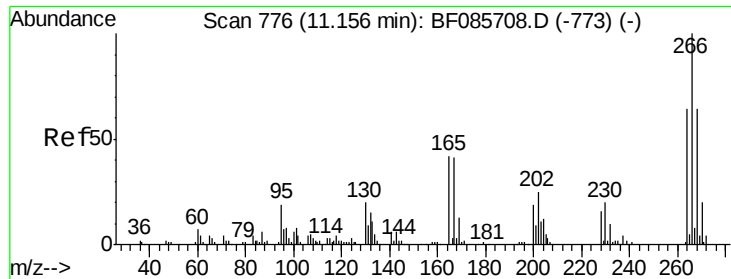
Delta R.T. -0.00 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

Tgt Ion:	200	Resp:	151646
Ion Ratio	Lower	Upper	
200	100		
173	29.3	7.7	47.7
215	44.3	25.4	65.4





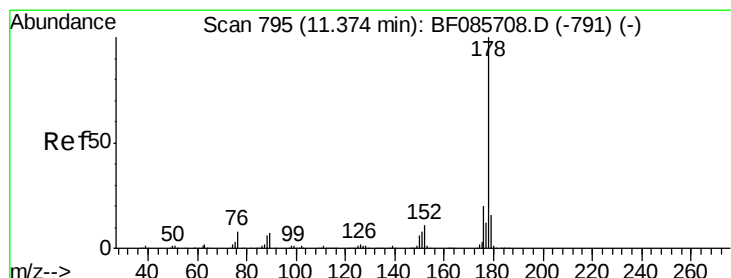
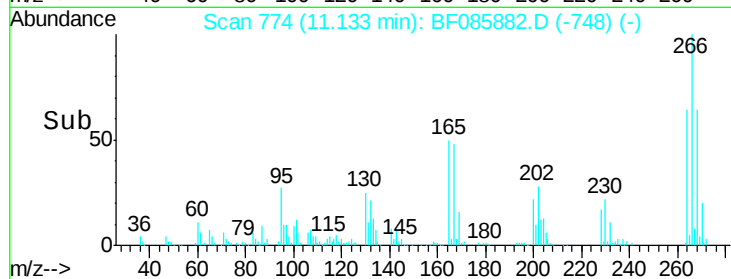
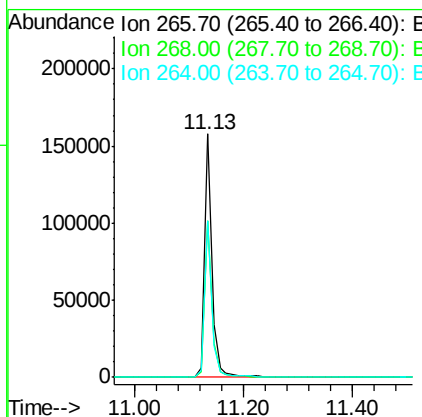
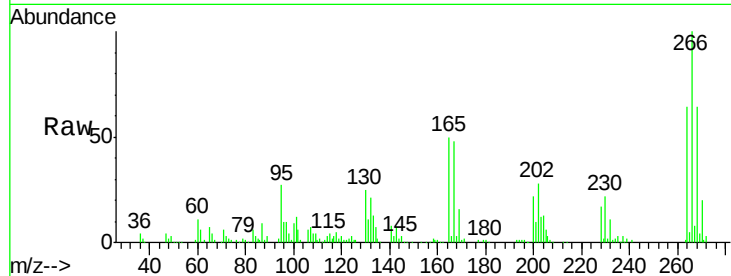
#69
 Pentachlorophenol
 Concen: 79.85 ng
 RT: 11.13 min Scan# 774
 Delta R.T. -0.00 min
 Lab File: BF085882.D
 Acq: 30 Mar 2016 13:19

Instrument :
 BNA_F
 ClientSampleId :
 PB89268BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	149994		
268	64.3	51.5	77.3	
264	64.4	50.6	76.0	

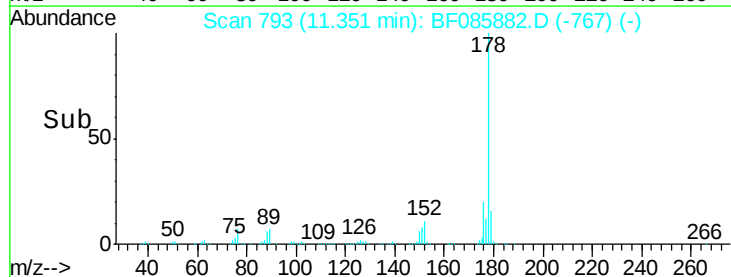
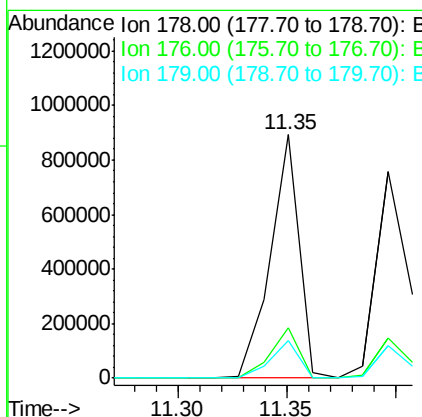
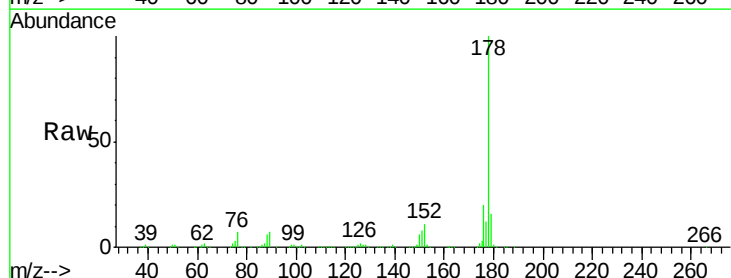
Manual Integrations
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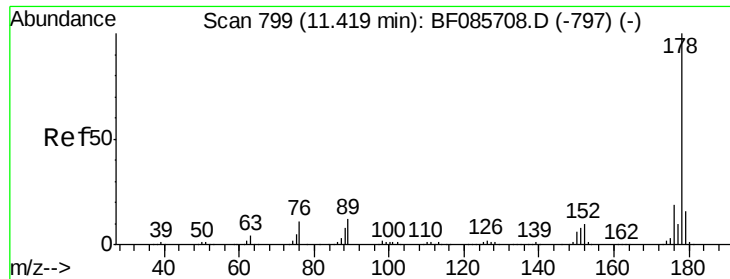
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#70
 Phenanthrene
 Concen: 45.21 ng
 RT: 11.35 min Scan# 793
 Delta R.T. -0.00 min
 Lab File: BF085882.D
 Acq: 30 Mar 2016 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	830112		
176	20.5	16.3	24.5	
179	15.6	12.6	18.8	





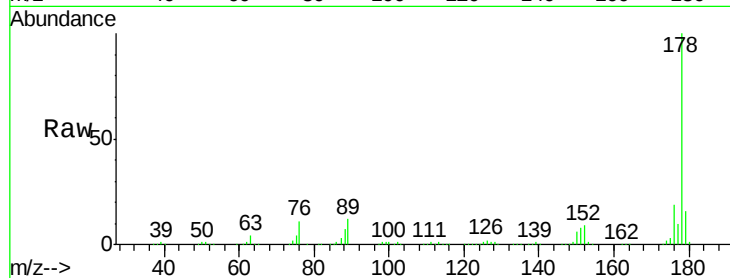
#71
 Anthracene
 Concen: 39.90 ng
 RT: 11.40 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF085882.D
 Acq: 30 Mar 2016 13:19

Instrument :
 BNA_F
 ClientSampleId :
 PB89268BS

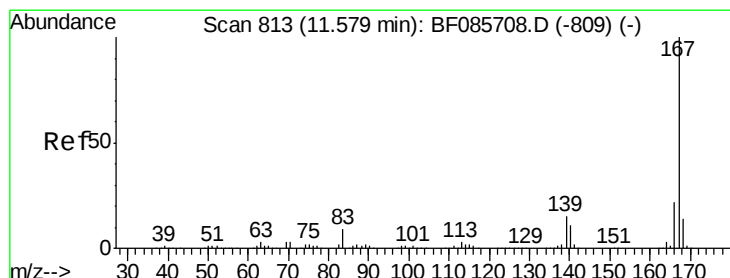
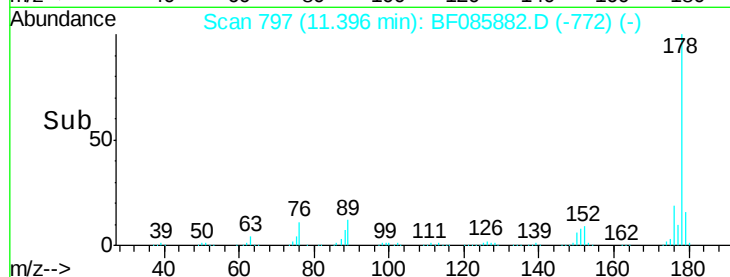
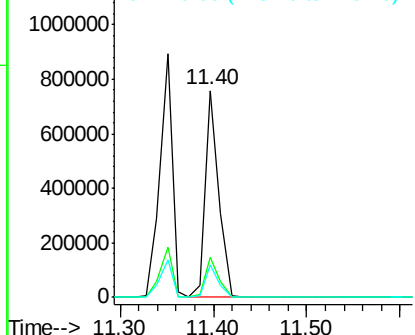
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.9	23.9
179	16.0	13.0	19.4

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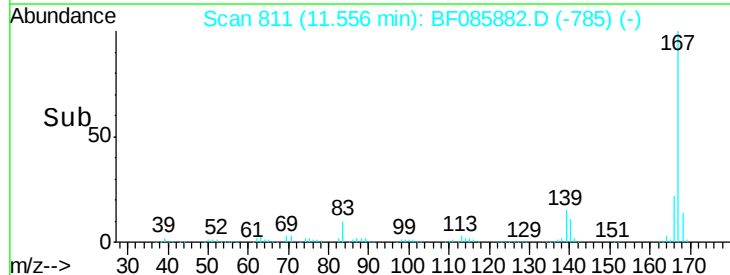
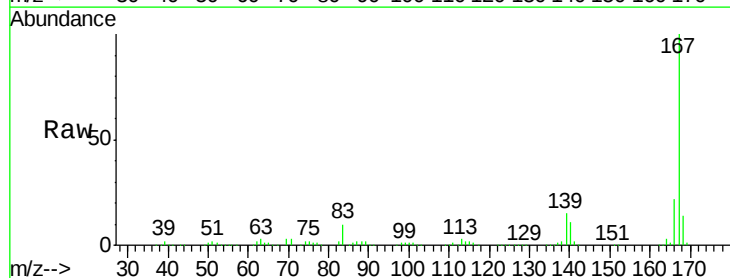
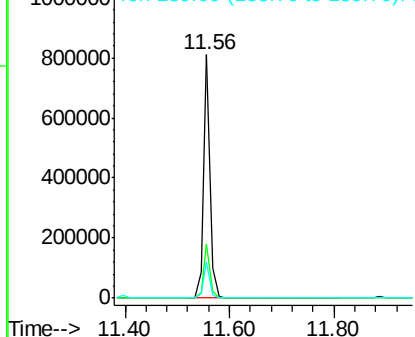
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

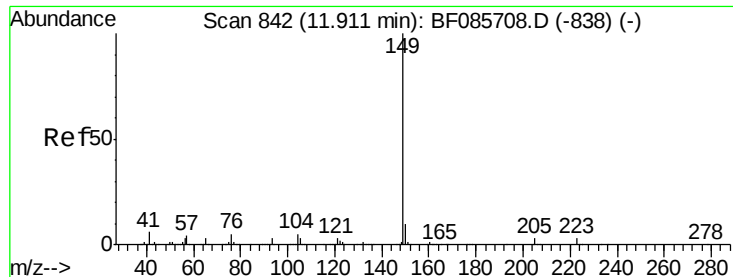


#72
 Carbazole
 Concen: 43.24 ng
 RT: 11.56 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF085882.D
 Acq: 30 Mar 2016 13:19

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.8	26.8
139	15.1	11.6	17.4

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





#73

Di-n-butylphthalate

Concen: 41.73 ng

RT: 11.89 min Scan# 840

Delta R.T. -0.00 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

Instrument :

BNA_F

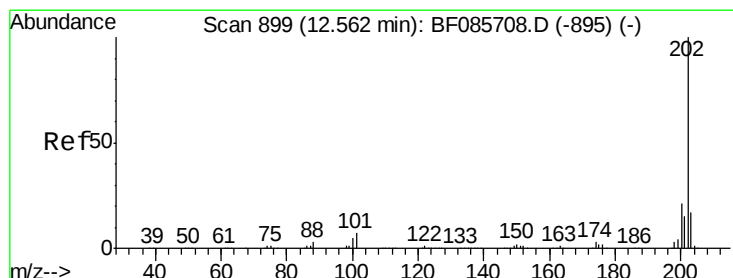
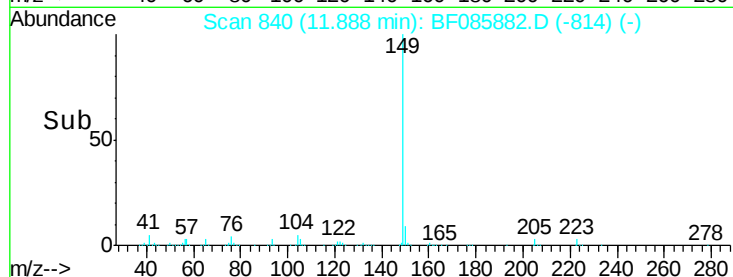
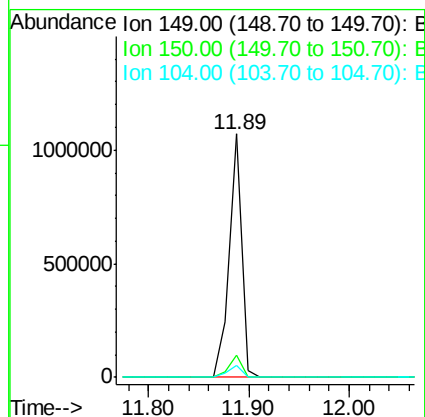
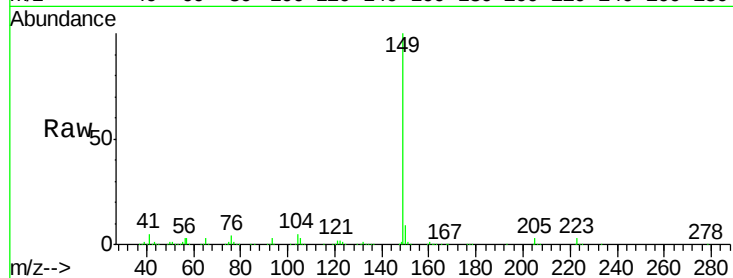
ClientSampleId :

PB89268BS

Tgt Ion:	149	Resp:	926828
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.6	11.4
104	4.8	3.8	5.8

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#74

Fluoranthene

Concen: 42.09 ng

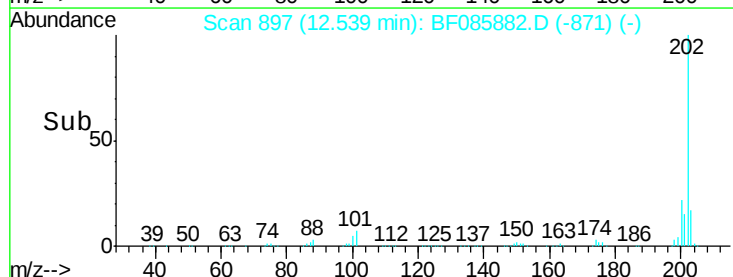
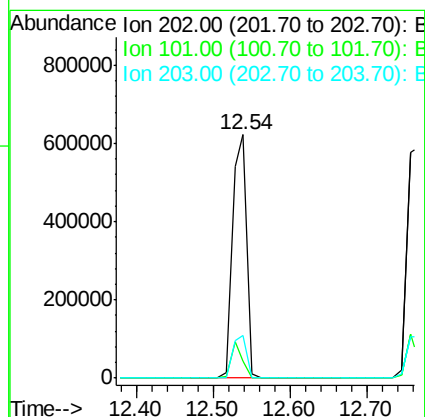
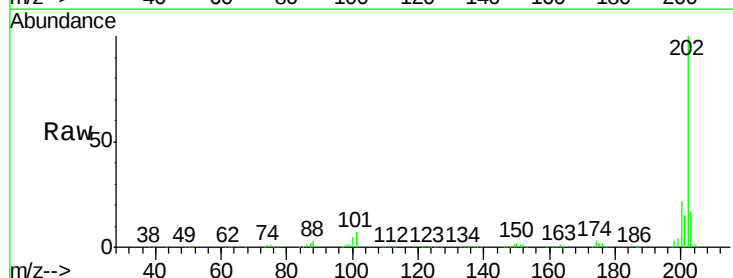
RT: 12.54 min Scan# 897

Delta R.T. -0.00 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

Tgt Ion:	202	Resp:	821486
Ion Ratio	Lower	Upper	
202	100		
101	6.9	0.0	36.6
203	17.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

Instrument :

BNA_F

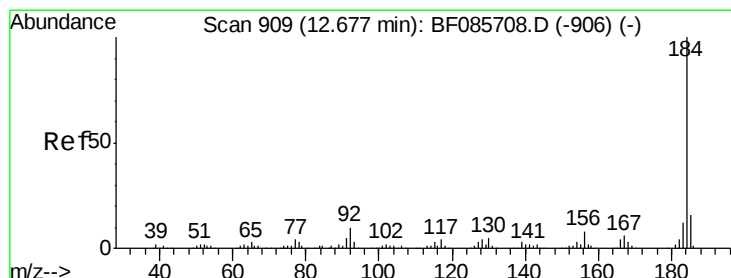
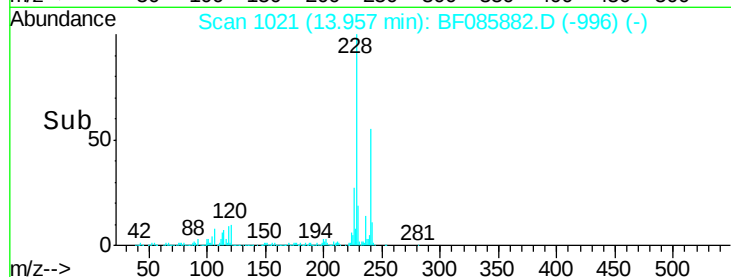
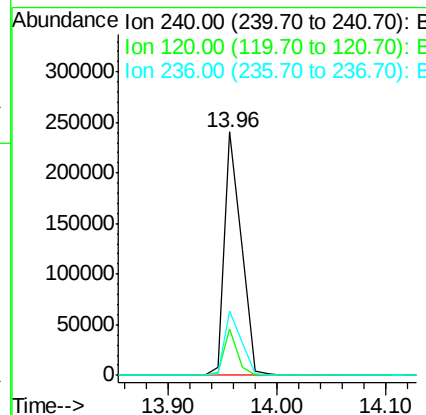
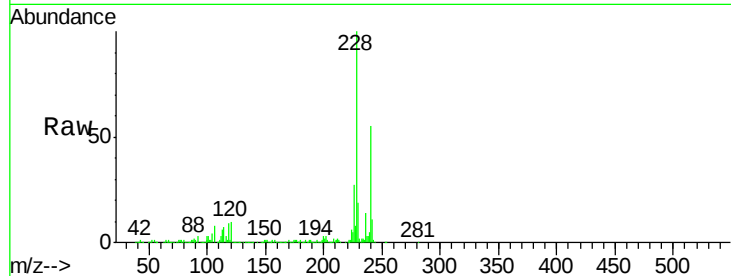
ClientSampleId :

PB89268BS

Tgt Ion:	240	Resp:	260420
Ion Ratio	Lower	Upper	
240	100		
120	19.0	13.8	20.8
236	26.3	20.6	30.8

Manual Integrations
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#76

Benzidine

Concen: 32.70 ng

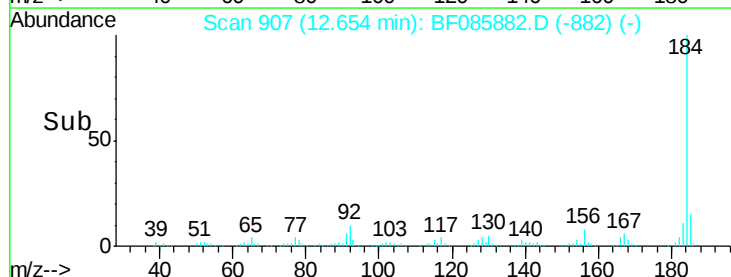
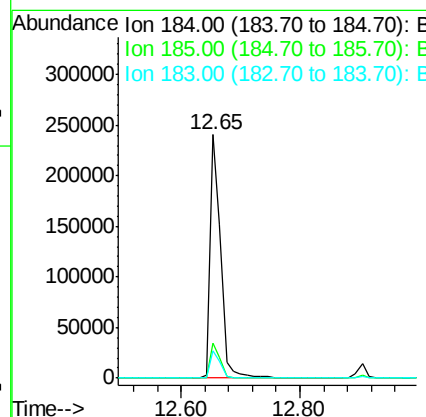
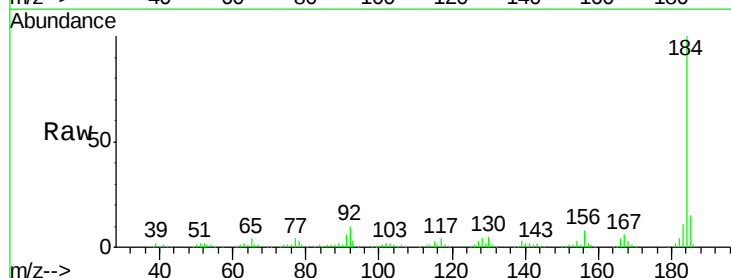
RT: 12.65 min Scan# 907

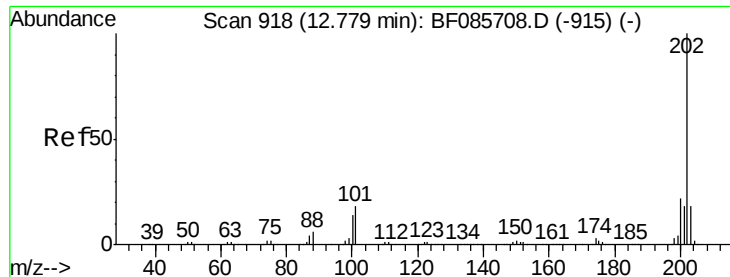
Delta R.T. -0.01 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

Tgt Ion:	184	Resp:	299940
Ion Ratio	Lower	Upper	
184	100		
185	14.6	12.4	18.6
183	11.3	9.4	14.2





#77

Pyrene

Concen: 38.67 ng

RT: 12.77 min Scan# 917

Delta R.T. -0.00 min

Lab File: BF085882.D

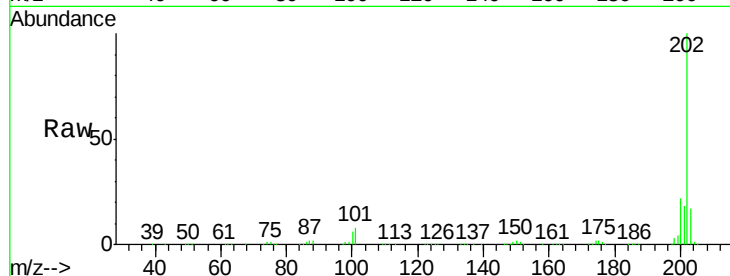
Acq: 30 Mar 2016 13:19

Instrument :

BNA_F

ClientSampleId :

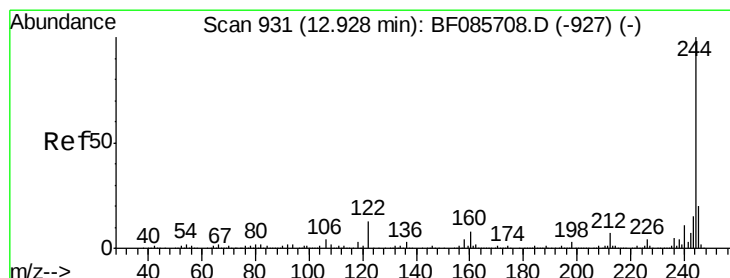
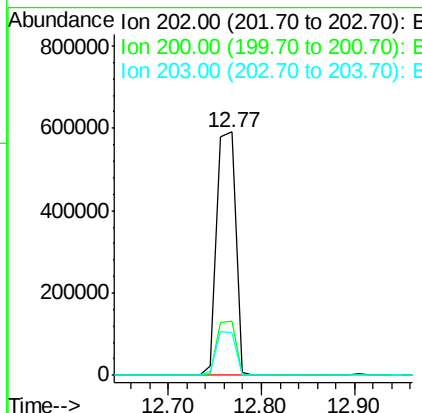
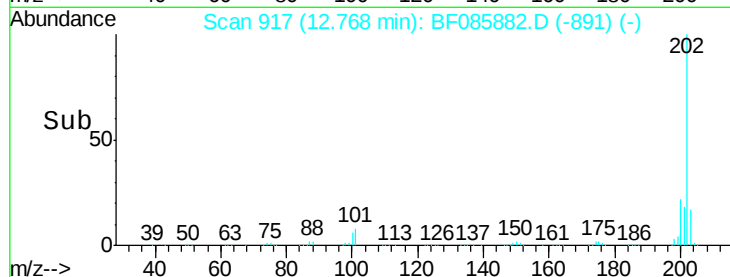
PB89268BS



Tgt Ion	Ratio	Resp	Lower	Upper
202	100	827686		
200	22.1		17.6	26.4
203	17.4		14.0	21.0

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#78

Terphenyl-d14

Concen: 73.51 ng

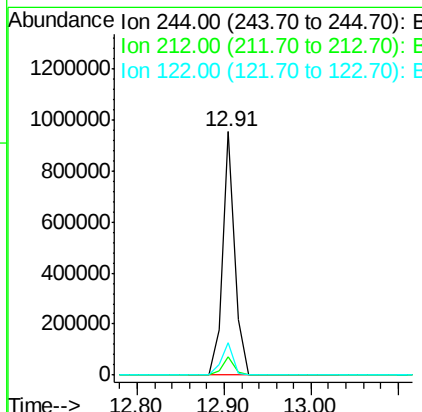
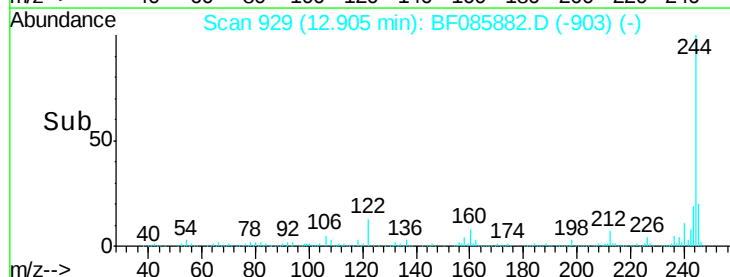
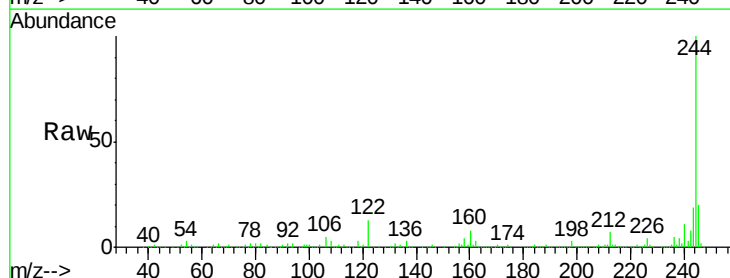
RT: 12.91 min Scan# 929

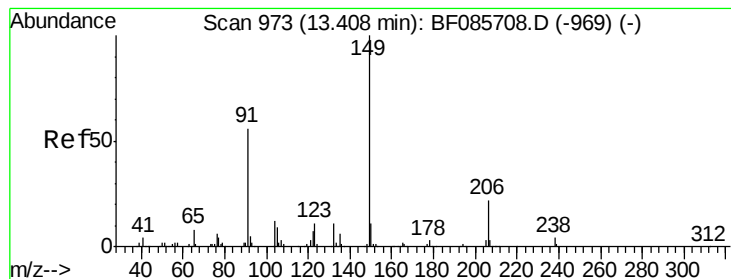
Delta R.T. -0.00 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	930817		
212	7.5		6.1	9.1
122	13.3		10.2	15.4





#79

Butylbenzylphthalate

Concen: 44.34 ng

RT: 13.39 min Scan# 971

Delta R.T. -0.00 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

Instrument :

BNA_F

ClientSampleId :

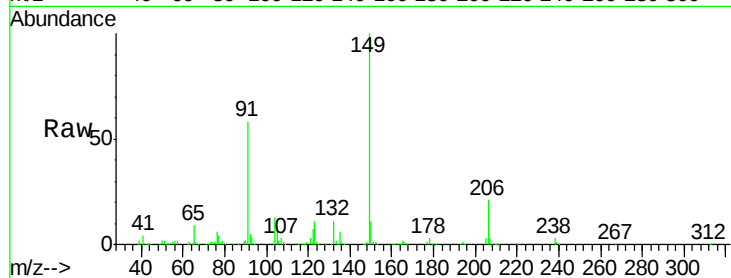
PB89268BS

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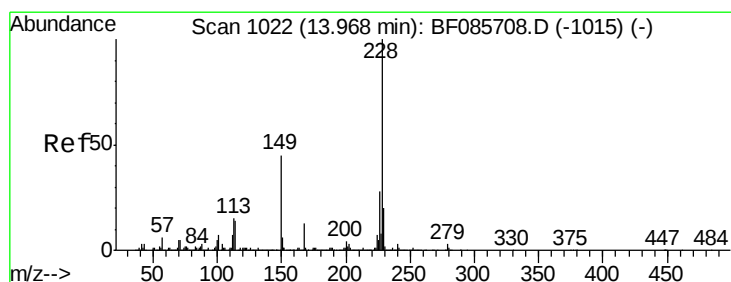
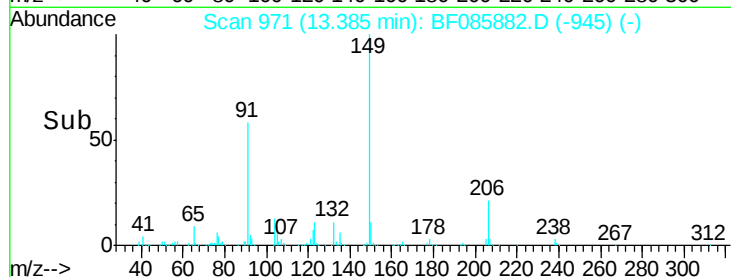
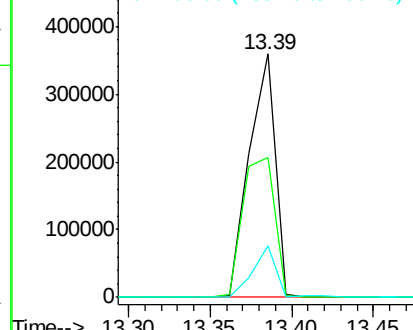
Sohil

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Tgt	Ion	Ratio	Resp	Lower	Upper
149	100		397484		
91	57.6	45.8	68.8		
206	21.4	17.8	26.8		



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 44.57 ng

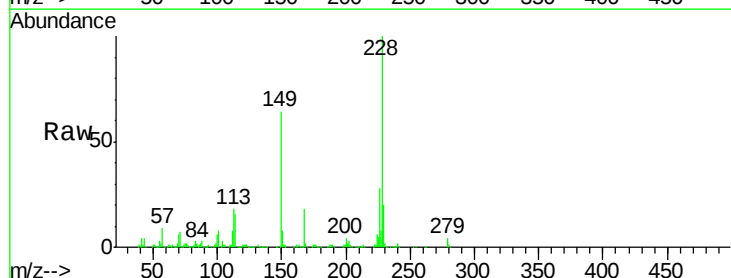
RT: 13.95 min Scan# 1020

Delta R.T. -0.01 min

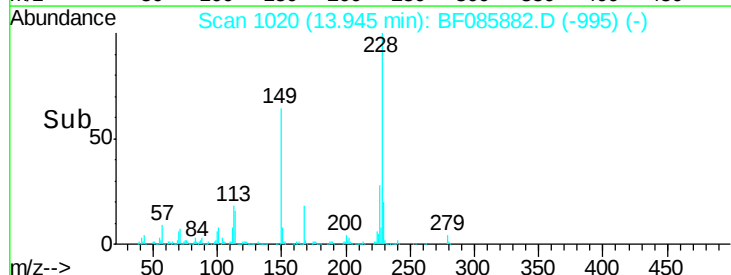
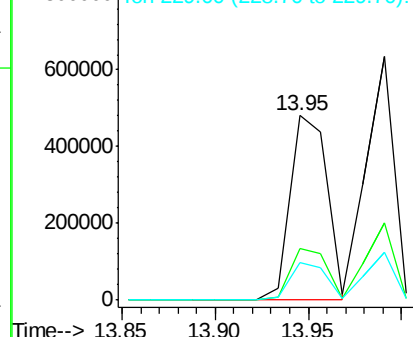
Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

Tgt	Ion	Ratio	Resp	Lower	Upper
228	100		661849		
226	27.8	22.1	33.1		
229	20.0	16.2	24.4		



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





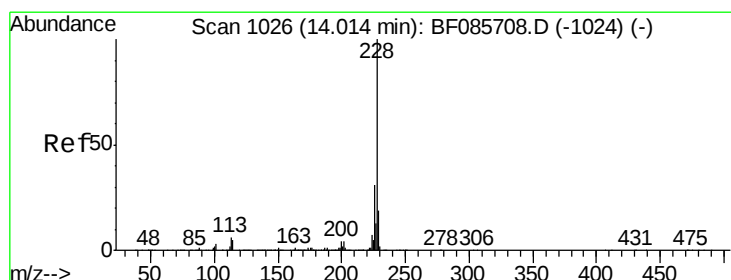
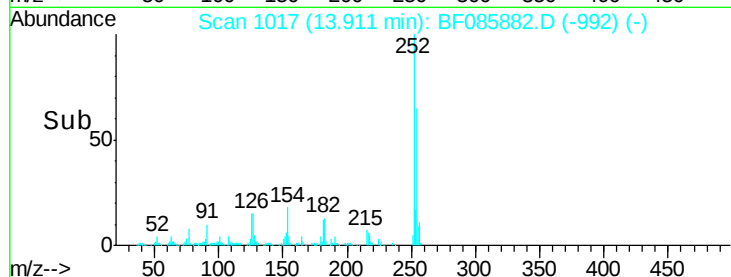
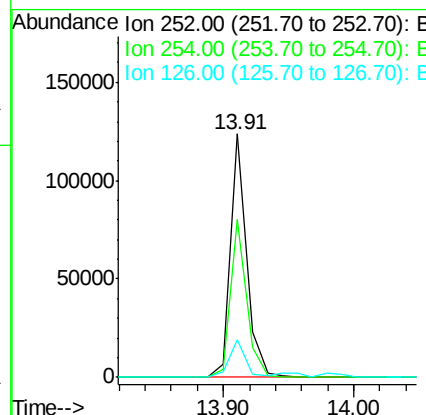
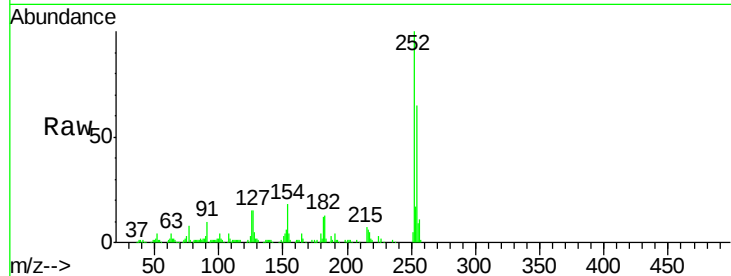
#81
 3,3'-Dichlorobenzidine
 Concen: 10.47 ng
 RT: 13.91 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BF085882.D
 Acq: 30 Mar 2016 13:19

Instrument :
 BNA_F
 ClientSampleId :
 PB89268BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	107946		
254	64.7	50.7	76.1	
126	15.5	11.8	17.6	

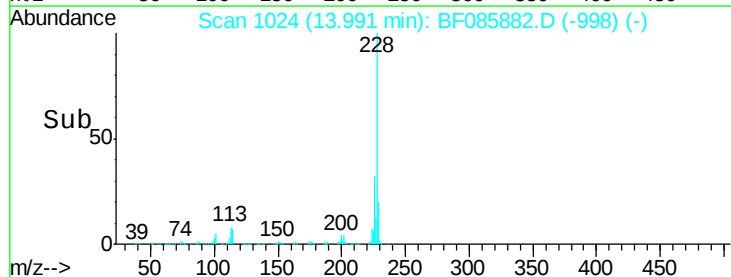
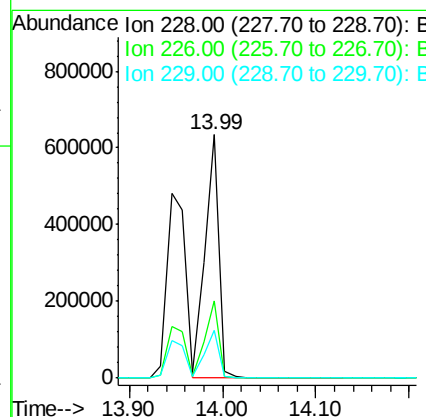
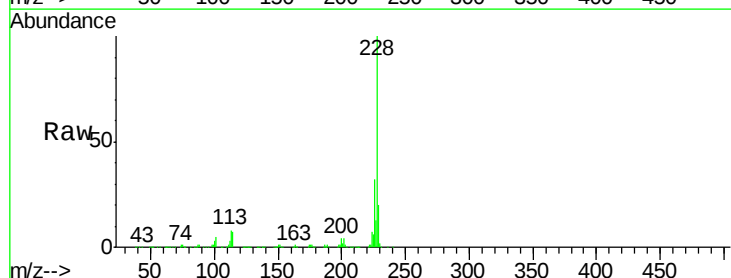
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#82
 Chrysene
 Concen: 44.30 ng
 RT: 13.99 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BF085882.D
 Acq: 30 Mar 2016 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	662593		
226	31.6	25.0	37.6	
229	19.6	15.7	23.5	





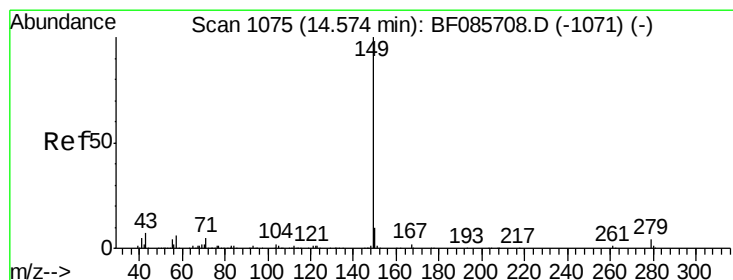
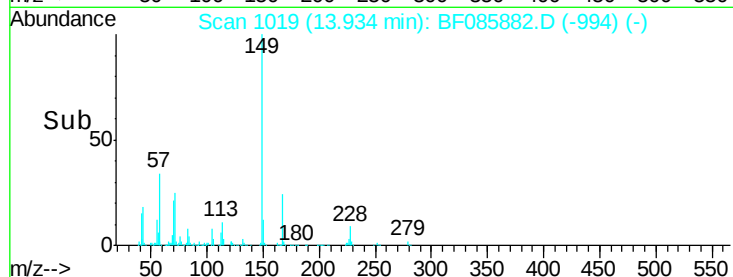
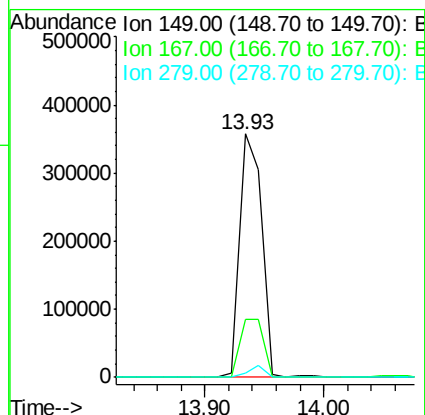
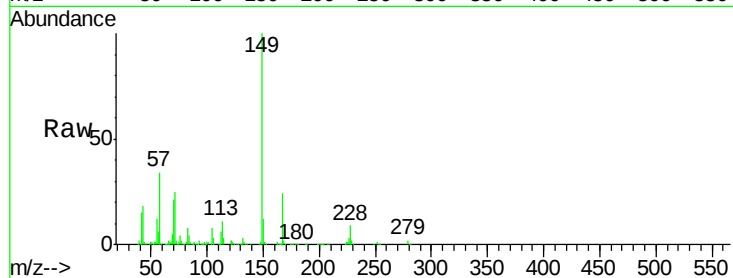
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.45 ng
 RT: 13.93 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BF085882.D
 Acq: 30 Mar 2016 13:19

Instrument :
 BNA_F
 ClientSampleId :
 PB89268BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	23.9	19.4	29.2
279	1.6	1.5	2.3

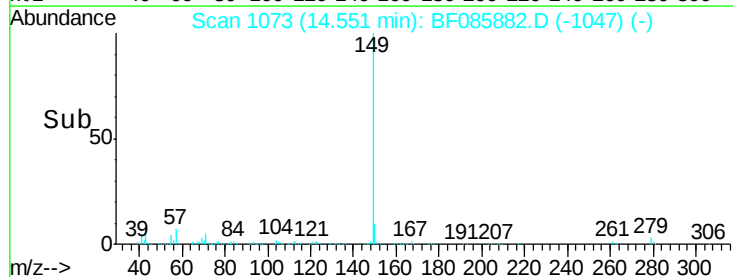
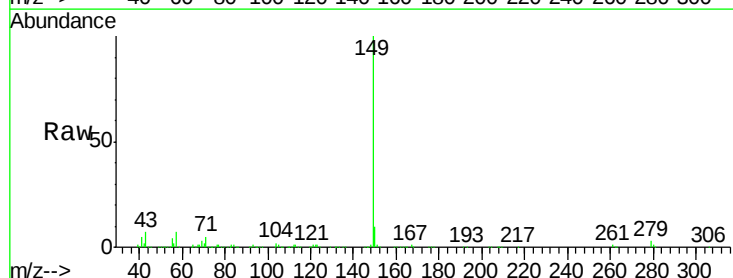
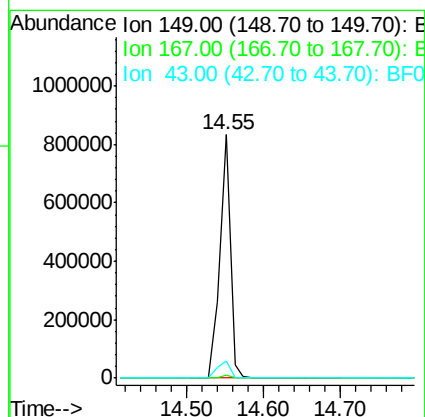
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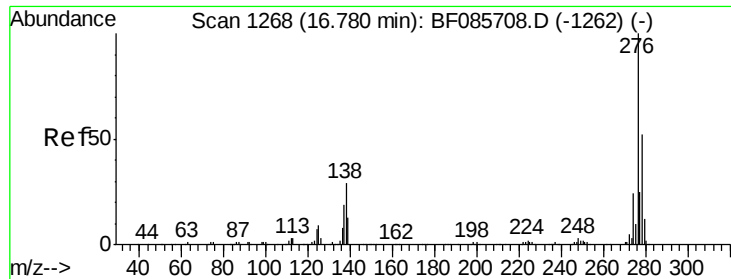
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#84
 Di-n-octyl phthalate
 Concen: 49.45 ng
 RT: 14.55 min Scan# 1073
 Delta R.T. -0.00 min
 Lab File: BF085882.D
 Acq: 30 Mar 2016 13:19

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.2	1.8
43	8.8	7.1	10.7





#85

Indeno(1,2,3-cd)pyrene

Concen: 44.62 ng

RT: 16.76 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

Instrument :

BNA_F

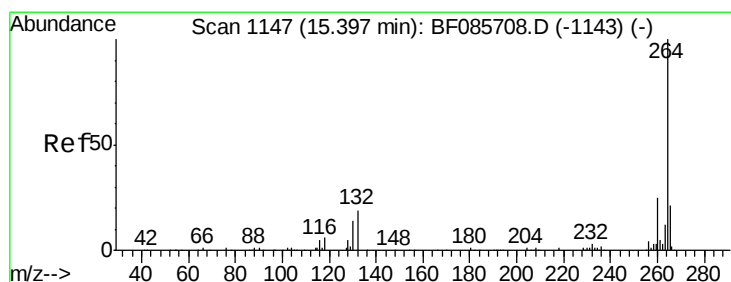
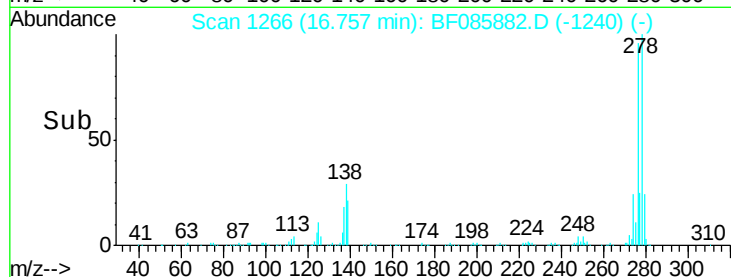
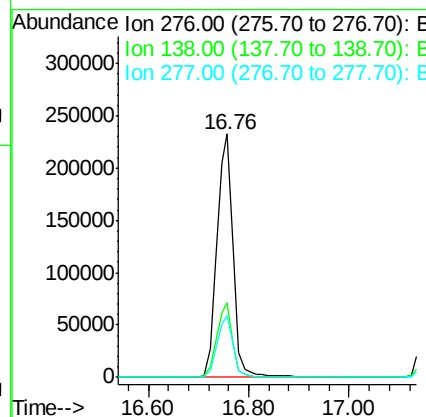
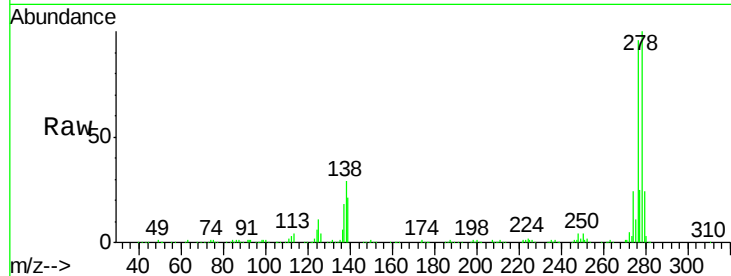
ClientSampleId :

PB89268BS

Tgt Ion:	276	Resp:	515373
Ion Ratio	Lower	Upper	
276	100		
138	29.4	24.2	36.4
277	25.1	20.0	30.0

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#86

Perylene-d12

Concen: 20.00 ng

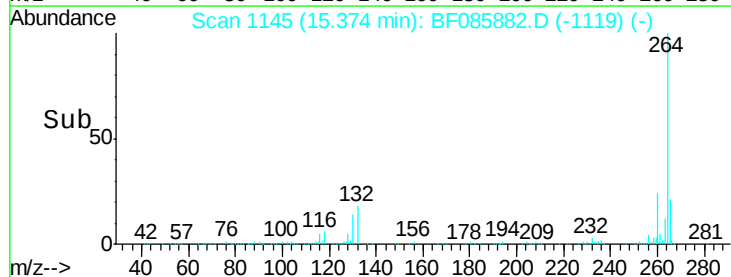
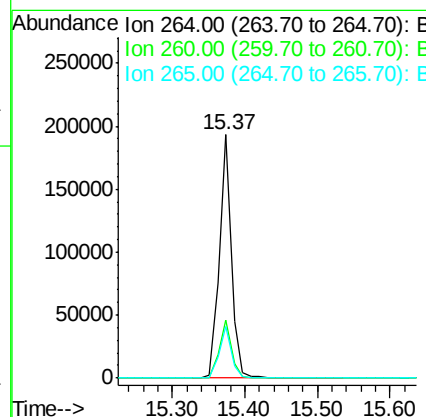
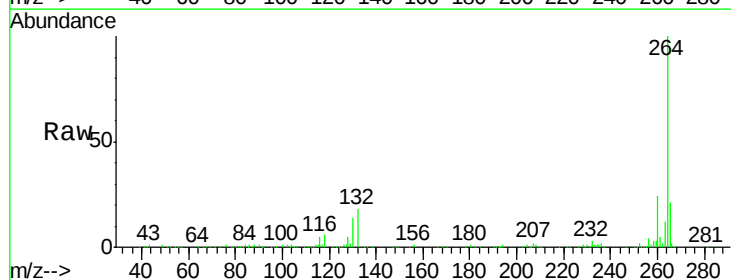
RT: 15.37 min Scan# 1145

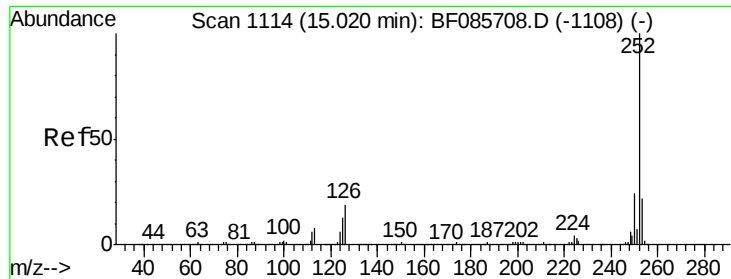
Delta R.T. -0.00 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

Tgt Ion:	264	Resp:	224640
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.4	29.2
265	21.4	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 41.99 ng m

RT: 14.97 min Scan# 1110

Delta R.T. -0.00 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

Instrument :

BNA_F

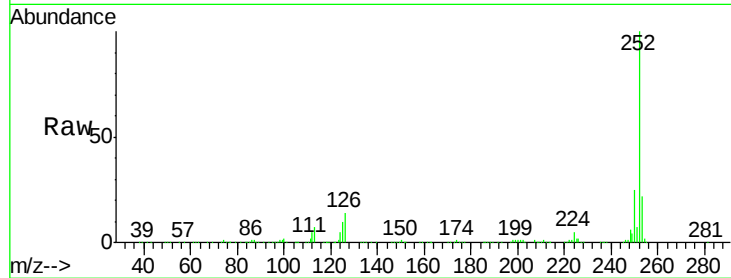
ClientSampleId :

PB89268BS

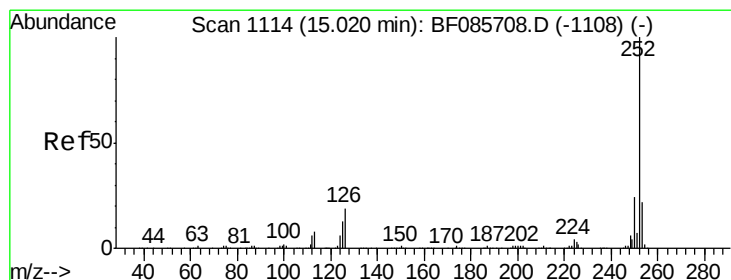
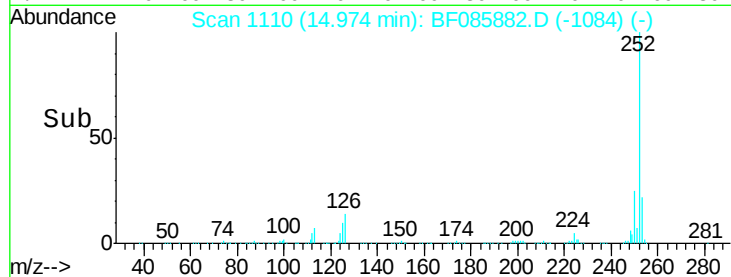
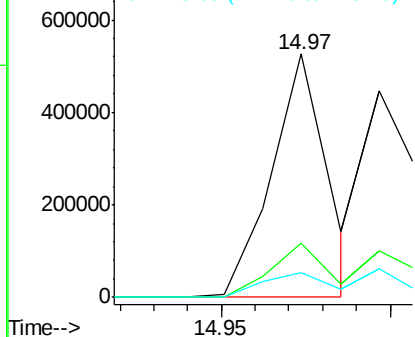
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	10.4	10.3	15.5

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



#88

Benzo(k)fluoranthene

Concen: 40.12 ng m

RT: 15.00 min Scan# 1112

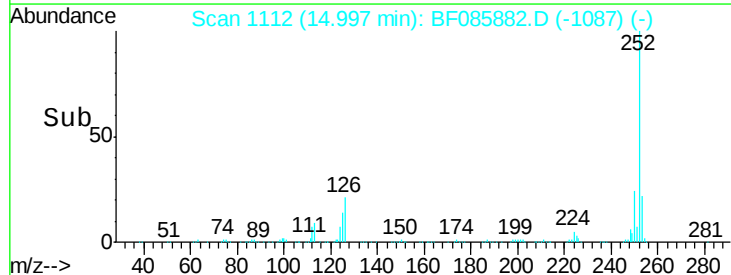
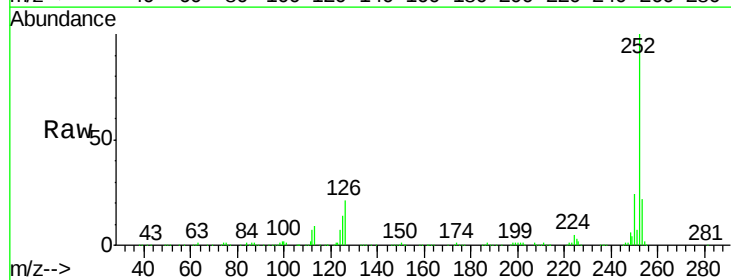
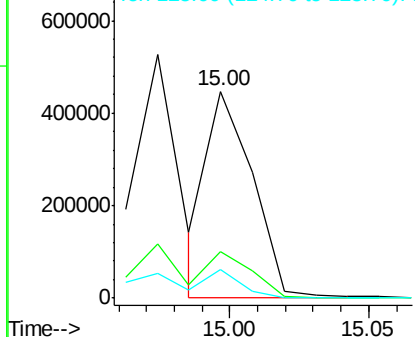
Delta R.T. -0.01 min

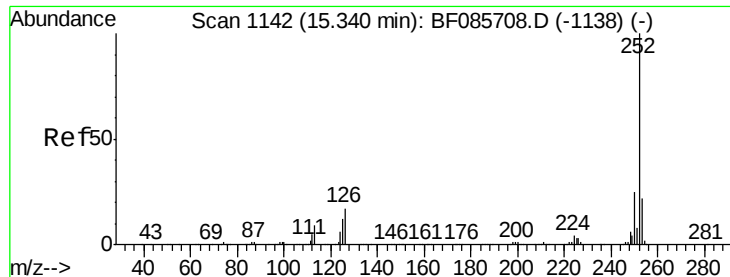
Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	14.1	7.7	11.5#

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





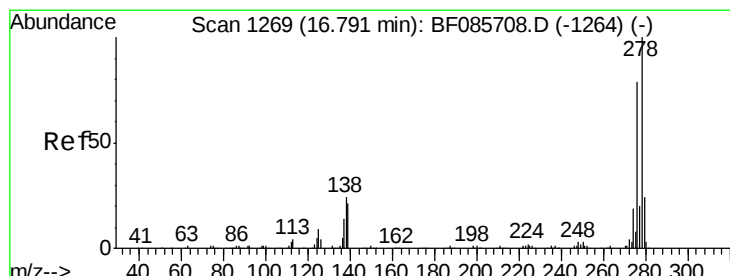
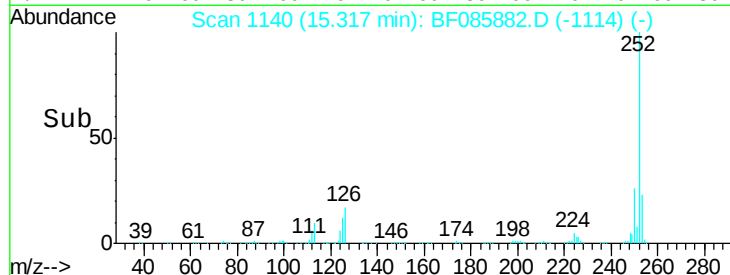
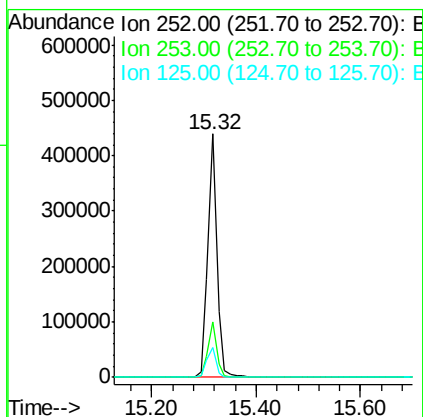
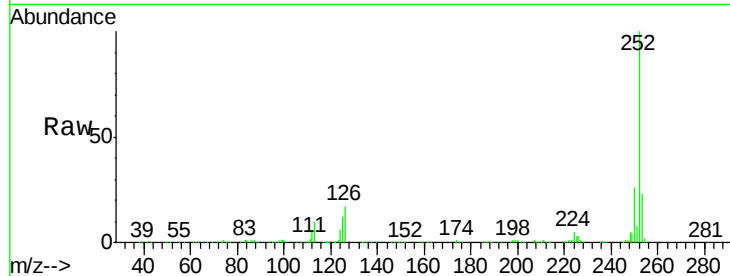
#89
Benzo(a)pyrene
Concen: 42.46 ng
RT: 15.32 min Scan# 1140
Delta R.T. -0.00 min
Lab File: BF085882.D
Acq: 30 Mar 2016 13:19

Instrument :
BNA_F
ClientSampleId :
PB89268BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.0
125	12.1	10.3	15.5

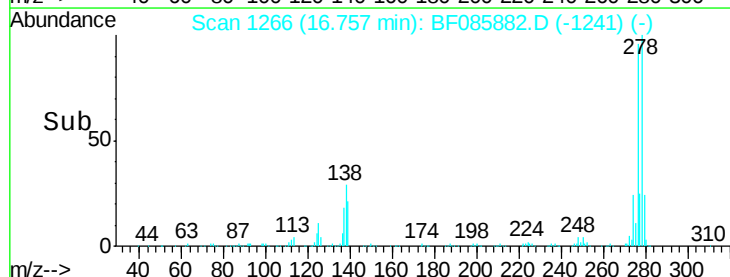
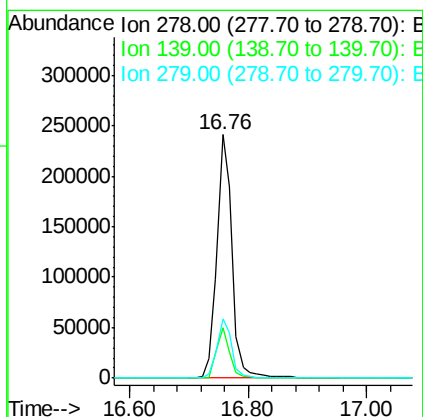
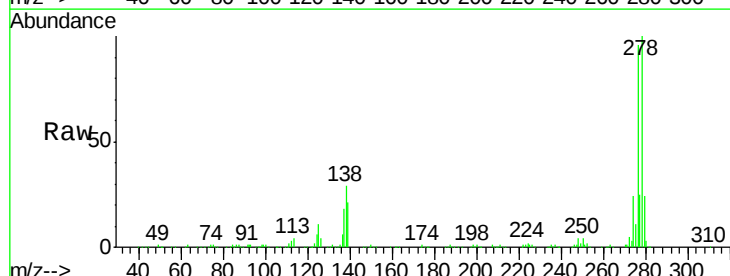
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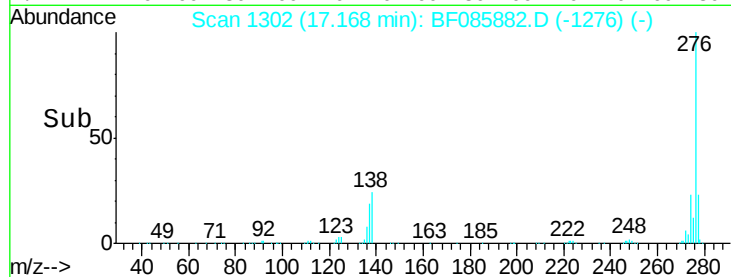
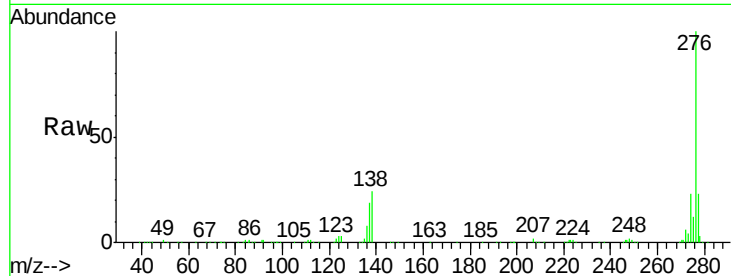
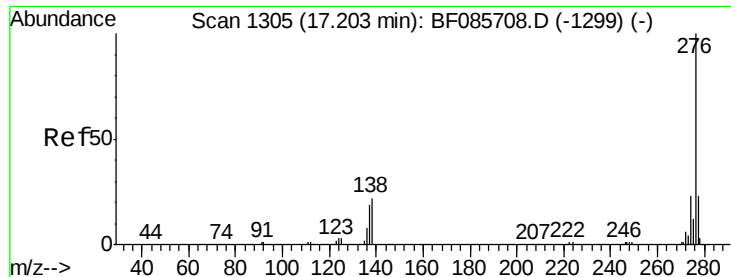
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#90
Dibenzo(a,h)anthracene
Concen: 36.75 ng
RT: 16.76 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BF085882.D
Acq: 30 Mar 2016 13:19

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.8	14.4	21.6
279	24.2	19.1	28.7





#91

Benzo(g,h,i)perylene

Concen: 36.38 ng

RT: 17.17 min Scan# 1302

Delta R.T. -0.00 min

Lab File: BF085882.D

Acq: 30 Mar 2016 13:19

Instrument :

BNA_F

ClientSampleId :

PB89268BS

Tgt Ion:	276	Resp:	430084
Ion Ratio	Lower	Upper	
276	100		
277	23.5	18.8	28.2
138	23.7	22.6	34.0

Manual Integrations
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