

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033016\
 Data File : BF085910.D
 Acq On : 31 Mar 2016 4:25
 Operator : UM/SJ
 Sample : H2049-05MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-EAST-END-14BGLMSD

Manual Integrations
 APPROVED

Sohil
 3/31/2016 4:52:49 PM

Quant Time: Mar 31 05:05:25 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	104512	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	404355	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	186718	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	305255	20.00	ng	0.00
75) Chrysene-d12	13.96	240	193119	20.00	ng	-0.01
86) Perylene-d12	15.37	264	201550	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	961380	153.20	ng	0.01
7) Phenol-d6	6.45	99	1133618	142.08	ng	0.00
23) Nitrobenzene-d5	7.37	82	753314	104.91	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	236557	133.34	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1168751	104.58	ng	0.00
78) Terphenyl-d14	12.90	244	814060	86.69	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	129879	43.34	ng	100
3) Pyridine	3.11	79	328696	45.75	ng	100
4) n-Nitrosodimethylamine	3.06	42	152415	53.00	ng	97
6) Aniline	6.47	93	314308	29.27	ng	98
8) 2-Chlorophenol	6.58	128	361680	49.60	ng	94
9) Benzaldehyde	6.34	77	186317	38.76	ng	98
10) Phenol	6.46	94	484886	53.64	ng	91
11) bis(2-Chloroethyl)ether	6.54	93	333779	47.98	ng	97
12) 1,3-Dichlorobenzene	6.73	146	370308m	47.16	ng	
13) 1,4-Dichlorobenzene	6.81	146	369772	46.44	ng	98
14) 1,2-Dichlorobenzene	6.97	146	355654	47.93	ng	98
15) Benzyl Alcohol	6.95	79	275013	51.66	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	437634	47.42	ng	93
17) 2-Methylphenol	7.06	107	292788	50.16	ng	98
18) Hexachloroethane	7.30	117	132280	45.37	ng	# 81
19) n-Nitroso-di-n-propylamine	7.22	70	245866	51.46	ng	96
20) 3+4-Methylphenols	7.22	107	364342	51.91	ng	# 77
22) Acetophenone	7.21	105	476158	50.55	ng	95
24) Nitrobenzene	7.38	77	356159	48.12	ng	98
25) Isophorone	7.62	82	698990	50.53	ng	100
26) 2-Nitrophenol	7.70	139	192326	51.94	ng	91
27) 2,4-Dimethylphenol	7.75	122	342581	52.93	ng	99
28) bis(2-Chloroethoxy)methane	7.84	93	454051	57.61	ng	99
29) 2,4-Dichlorophenol	7.96	162	286675	52.69	ng	92
30) 1,2,4-Trichlorobenzene	8.02	180	291600	48.27	ng	97
31) Naphthalene	8.10	128	943168	46.29	ng	100
32) Benzoic acid	7.83	122	19876	4.62	ng	95
33) 4-Chloroaniline	8.16	127	150527	18.10	ng	97
34) Hexachlorobutadiene	8.23	225	151999	46.30	ng	98
35) Caprolactam	8.54	113	95883	49.75	ng	94
36) 4-Chloro-3-methylphenol	8.65	107	310001	48.77	ng	96
37) 2-Methylnaphthalene	8.80	142	663414	60.88	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	261596	47.24	ng	99
40) Hexachlorocyclopentadiene	8.95	237	86643	42.42	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	194690	52.06	ng	98
43) 2,4,5-Trichlorophenol	9.13	196	191735	48.89	ng	99
45) 1,1'-Biphenyl	9.27	154	733539	46.56	ng	93
46) 2-Chloronaphthalene	9.29	162	584399	50.44	ng	99
47) 2-Nitroaniline	9.38	65	185104	52.25	ng	# 83
48) Acenaphthylene	9.70	152	925636	49.03	ng	100
49) Dimethylphthalate	9.57	163	905141	63.90	ng	100
50) 2,6-Dinitrotoluene	9.64	165	160650	52.69	ng	# 85
51) Acenaphthene	9.88	154	531774	46.12	ng	99
52) 3-Nitroaniline	9.81	138	122993	35.24	ng	# 76
53) 2,4-Dinitrophenol	9.92	184	32396	25.48	ng	# 74
54) Dibenzofuran	10.05	168	753676	50.50	ng	98
55) 4-Nitrophenol	9.98	139	217967	95.86	ng	98
56) 2,4-Dinitrotoluene	10.04	165	177816	45.88	ng	# 41
57) Fluorene	10.39	166	597717	48.18	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	148740	54.57	ng	95
59) Diethylphthalate	10.26	149	627952	44.87	ng	97
60) 4-Chlorophenyl-phenylether	10.38	204	260418	42.93	ng	99
61) 4-Nitroaniline	10.41	138	141100	42.27	ng	88
62) Azobenzene	10.54	77	684494	50.89	ng	98
64) 4,6-Dinitro-2-methylphenol	10.45	198	50393	28.19	ng	97
65) n-Nitrosodiphenylamine	10.50	169	553814	57.28	ng	99
66) 4-Bromophenyl-phenylether	10.87	248	172851	55.35	ng	98
67) Hexachlorobenzene	10.94	284	174857	53.54	ng	95
68) Atrazine	11.03	200	162686	49.84	ng	98
69) Pentachlorophenol	11.13	266	151203	94.30	ng	100
70) Phenanthrene	11.35	178	848370	54.13	ng	100
71) Anthracene	11.40	178	777126	47.23	ng	99
72) Carbazole	11.56	167	713795	51.67	ng	99
73) Di-n-butylphthalate	11.89	149	983105	51.86	ng	100
74) Fluoranthene	12.53	202	692058	41.54	ng	99
76) Benzidine	12.65	184	288829	42.47	ng	98
77) Pyrene	12.76	202	644794	40.62	ng	99
79) Butylbenzylphthalate	13.37	149	328629	49.43	ng	# 64
80) Benzo(a)anthracene	13.95	228	530840	48.21	ng	99
81) 3,3'-Dichlorobenzidine	13.91	252	144237	18.87	ng	99
82) Chrysene	13.99	228	514440	46.38	ng	100
83) Bis(2-ethylhexyl)phthalate	13.93	149	429955	54.02	ng	100
84) Di-n-octyl phthalate	14.55	149	745848	63.01	ng	99
85) Indeno(1,2,3-cd)pyrene	16.76	276	531822	62.09	ng	99
87) Benzo(b)fluoranthene	14.97	252	566358m	44.61	ng	
88) Benzo(k)fluoranthene	15.00	252	508748m	44.45	ng	
89) Benzo(a)pyrene	15.32	252	536191	47.56	ng	99
90) Dibenzo(a,h)anthracene	16.77	278	464194	44.32	ng	97
91) Benzo(g,h,i)perylene	17.17	276	406362	38.31	ng	96

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

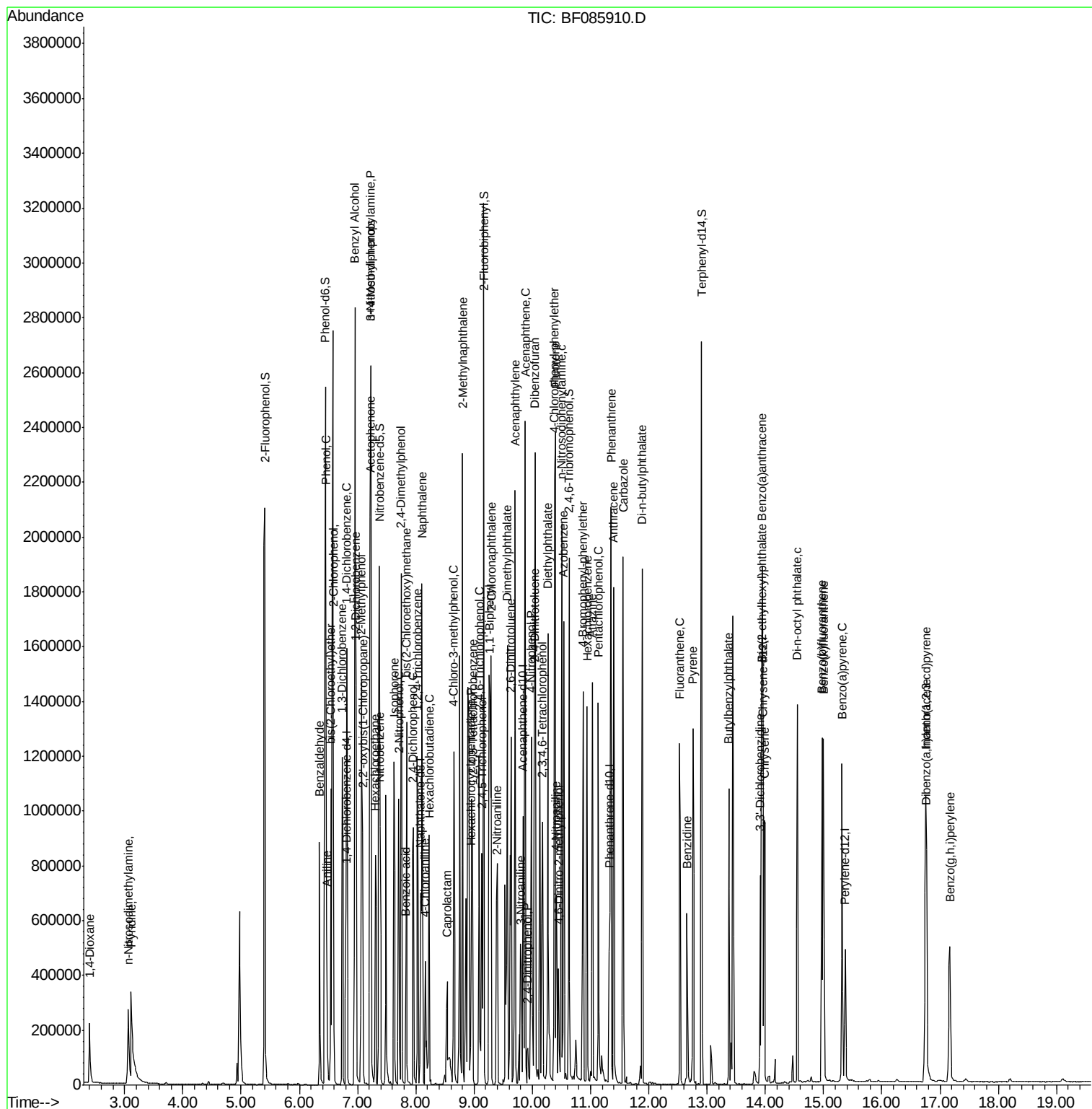
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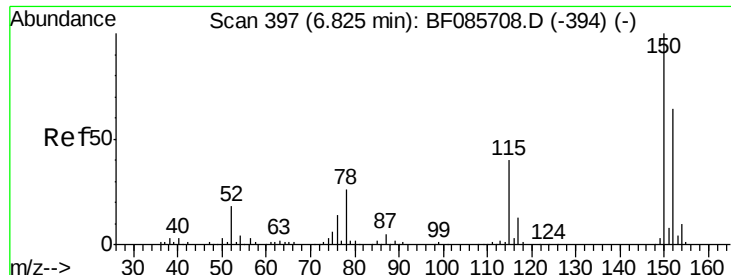
Instrument :
BNA_F
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BOTTOM-EAST-END-14BGLMSD

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

Instrument :

BNA_F

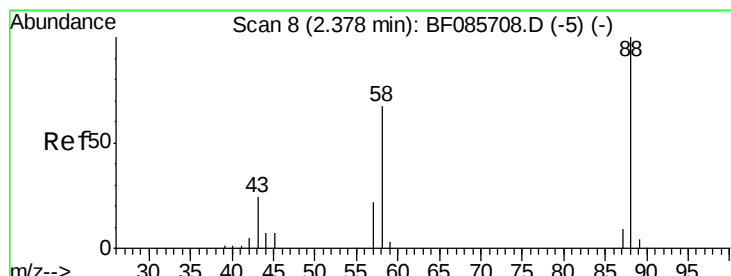
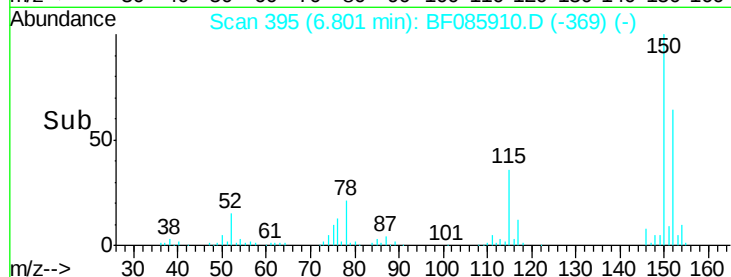
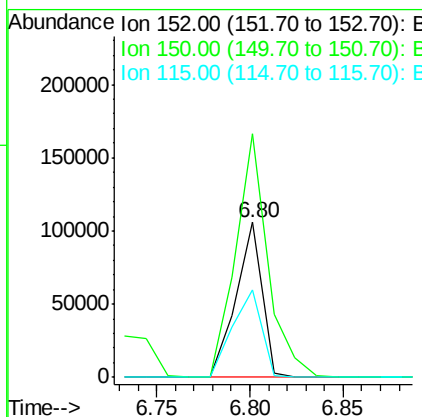
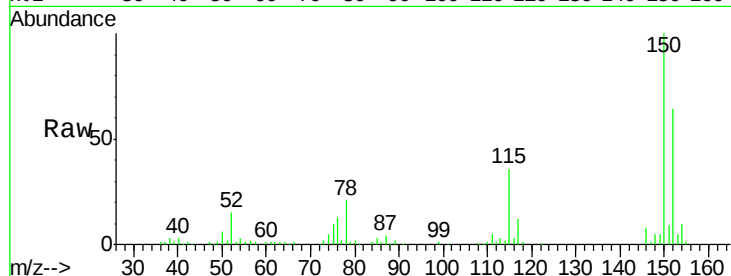
ClientSampleId :

BOTTOM-EAST-END-14BGLMSD

Tgt Ion:	152	Resp:	104512
Ion Ratio	Lower	Upper	
152	100		
150	157.1	124.2	186.2
115	56.1	47.0	70.6

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#2

1,4-Dioxane

Concen: 43.34 ng

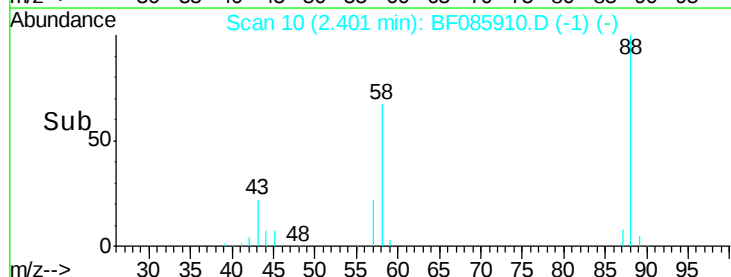
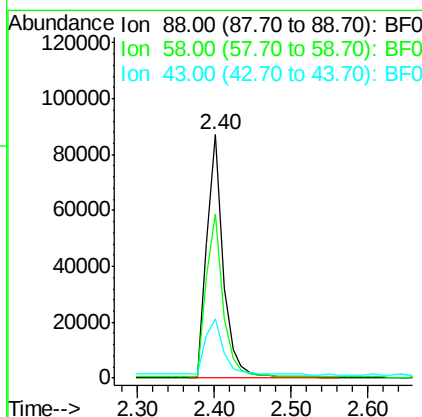
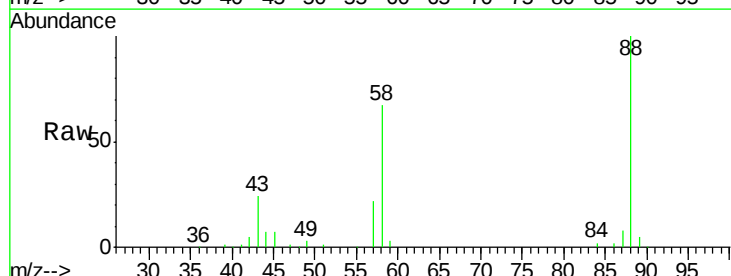
RT: 2.40 min Scan# 10

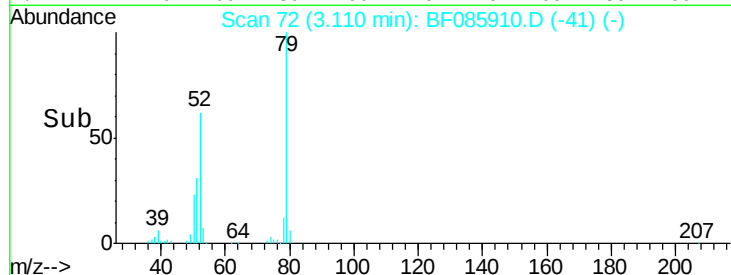
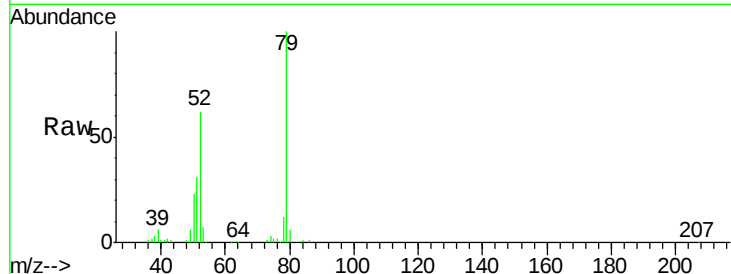
Delta R.T. 0.07 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

Tgt Ion:	88	Resp:	129879
Ion Ratio	Lower	Upper	
88	100		
58	67.9	54.2	81.2
43	24.3	19.3	28.9





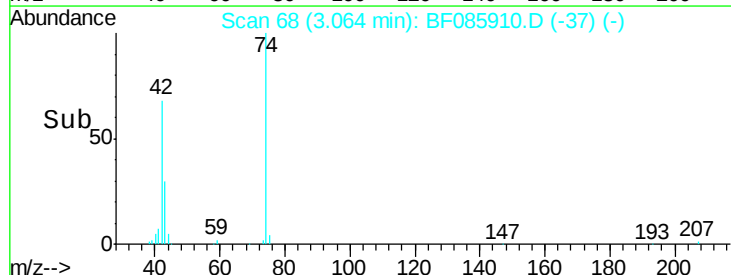
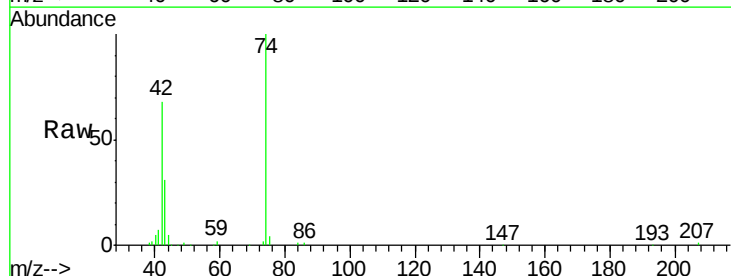
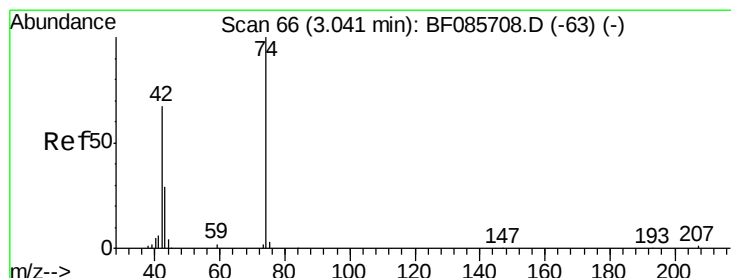
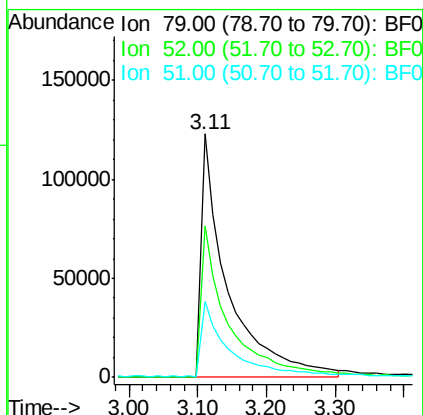
#3
 Pyridine
 Concen: 45.75 ng
 RT: 3.11 min Scan# 72
 Delta R.T. 0.06 min
 Lab File: BF085910.D
 Acq: 31 Mar 2016 4:25

Tgt Ion	Ion	Ratio	Lower	Upper
79	100			
52	62.2	49.8	74.6	
51	31.0	24.7	37.1	

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 ClientSampleId :
 BOTTOM-EAST-END-14BGLMSD

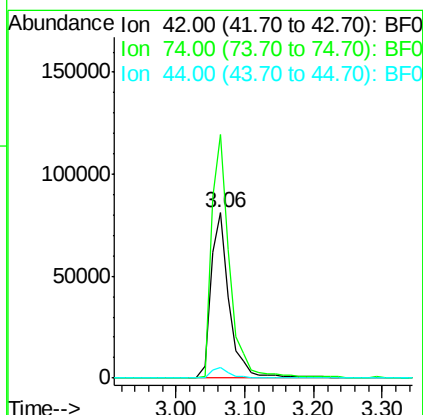
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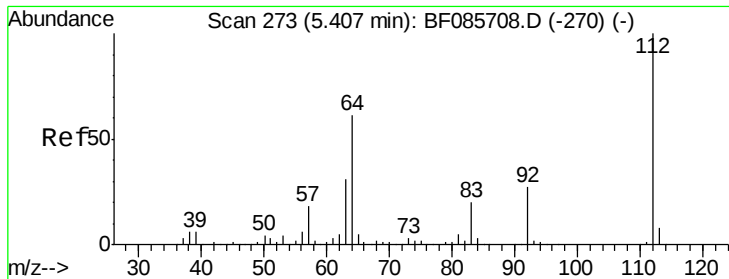
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#4
 n-Nitrosodimethylamine
 Concen: 53.00 ng
 RT: 3.06 min Scan# 68
 Delta R.T. 0.06 min
 Lab File: BF085910.D
 Acq: 31 Mar 2016 4:25

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	147.5	121.4	182.2	
44	6.7	5.6	8.4	





#5

2-Fluorophenol

Concen: 153.20 ng

RT: 5.41 min Scan# 273

Delta R.T. 0.01 min

Lab File: BF085910.D

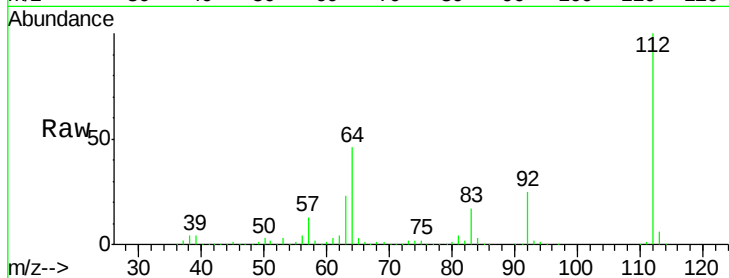
Acq: 31 Mar 2016 4:25

Instrument :

BNA_F

ClientSampleId :

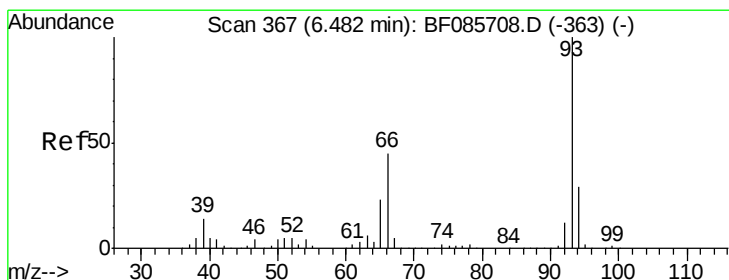
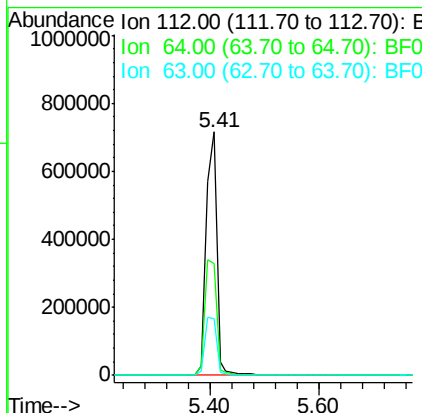
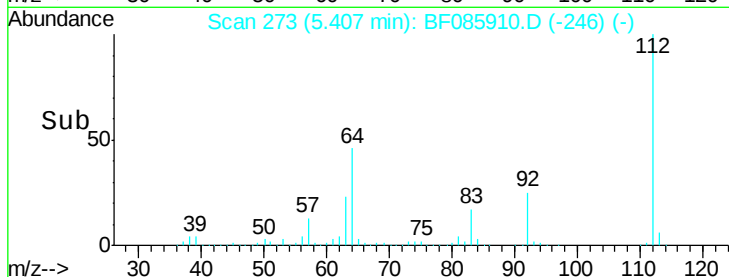
BOTTOM-EAST-END-14BGLMSD



Tgt Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	45.8	39.9	59.9
63	23.5	20.2	30.2

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#6

Aniline

Concen: 29.27 ng

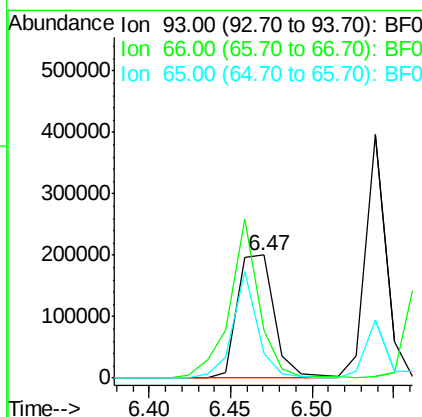
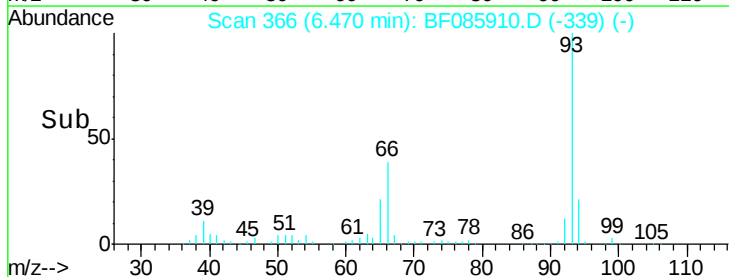
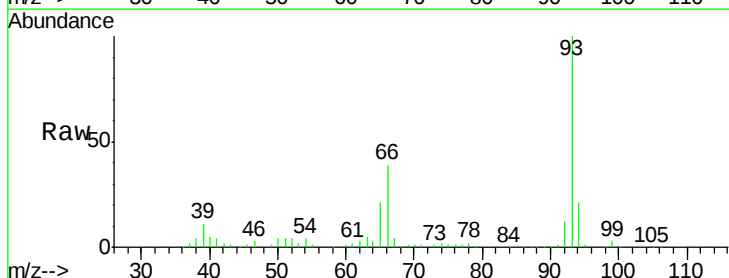
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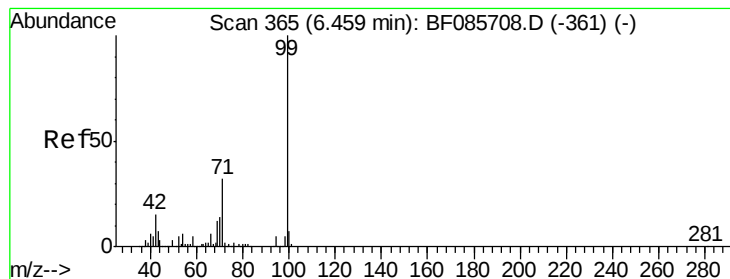
Delta R.T. 0.01 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	38.5	31.4	47.2
65	20.5	15.7	23.5





#7

Phenol-d6

Concen: 142.08 ng

RT: 6.45 min Scan# 364

Delta R.T. -0.00 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

Instrument :

BNA_F

ClientSampleId :

BOTTOM-EAST-END-14BGLMSD

Tgt Ion: 99 Resp: 1133618

Ion Ratio Lower Upper

99 100

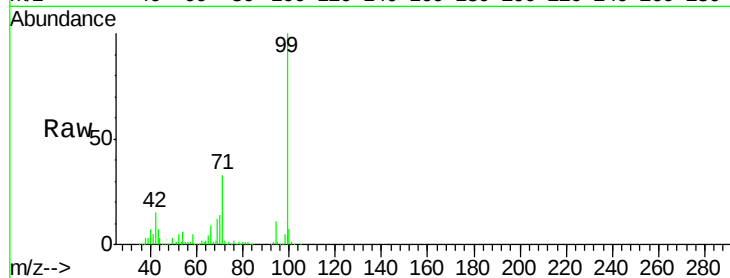
42 14.8 11.1 16.7

71 32.8 24.9 37.3

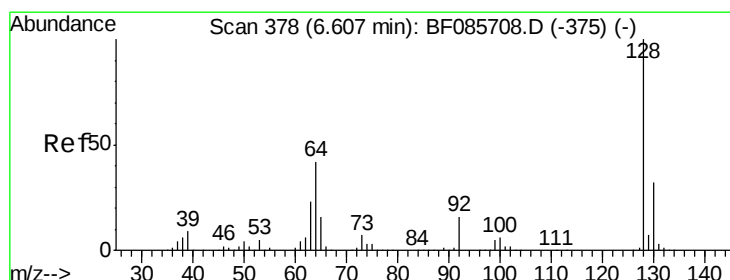
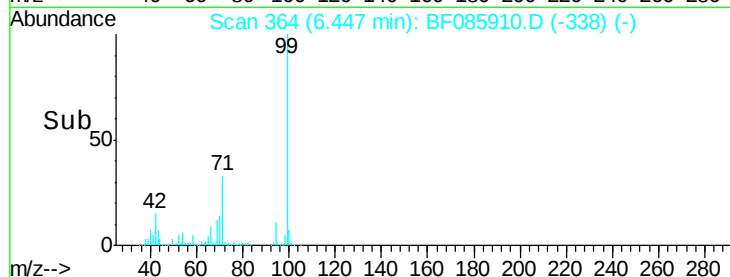
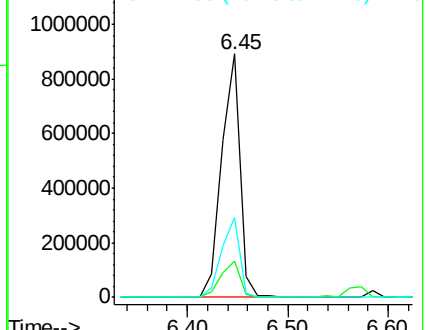
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 49.60 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.00 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

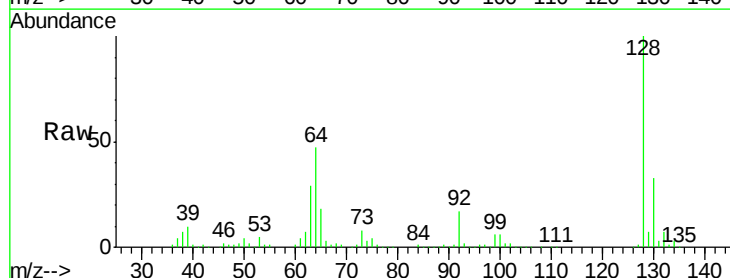
Tgt Ion: 128 Resp: 361680

Ion Ratio Lower Upper

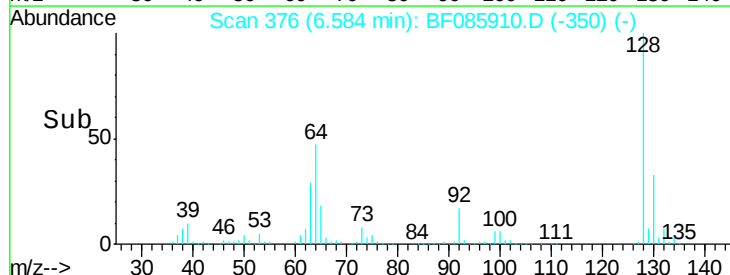
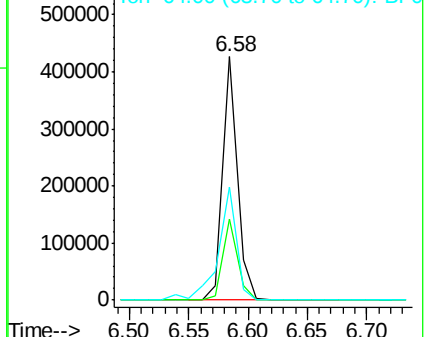
128 100

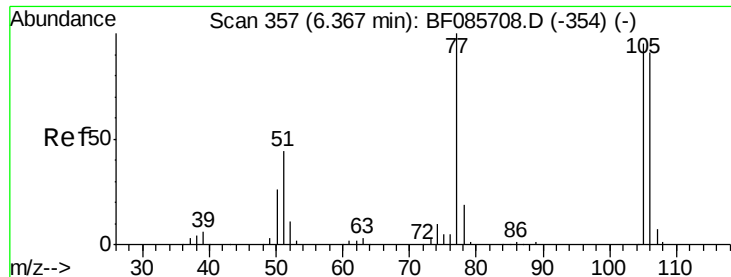
130 33.0 12.9 52.9

64 46.6 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: 38.76 ng

RT: 6.34 min Scan# 355

Delta R.T. -0.00 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

Instrument :

BNA_F

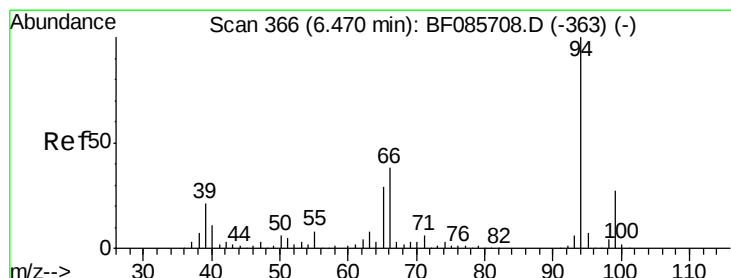
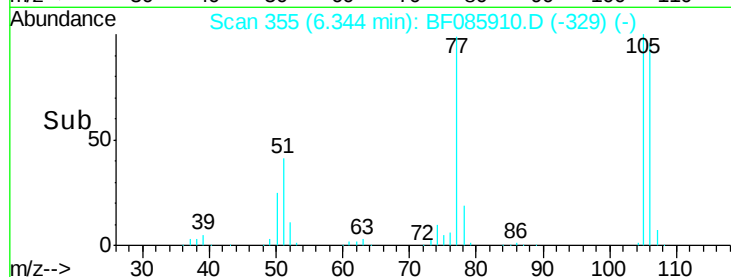
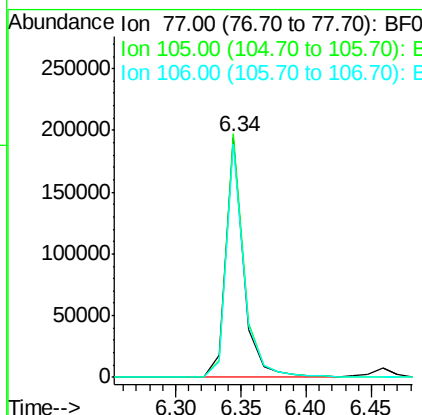
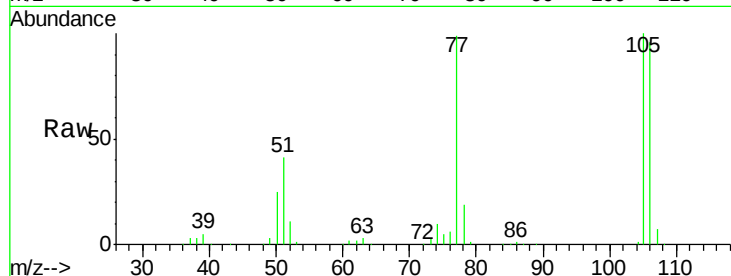
ClientSampleId :

BOTTOM-EAST-END-14BGLMSD

Tgt Ion:	77	Resp:	186317
Ion Ratio	Lower	Upper	
77	100		
105	101.3	80.1	120.1
106	97.1	75.0	115.0

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#10

Phenol

Concen: 53.64 ng

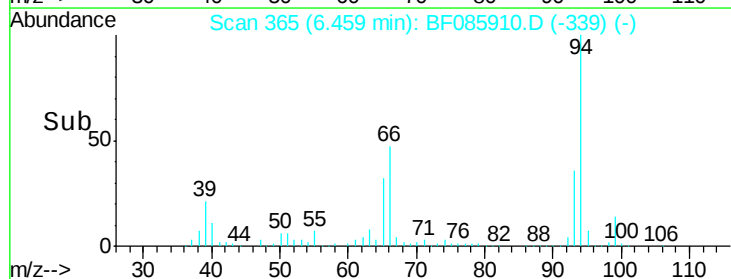
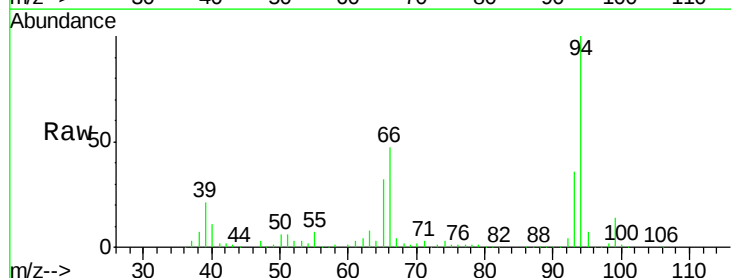
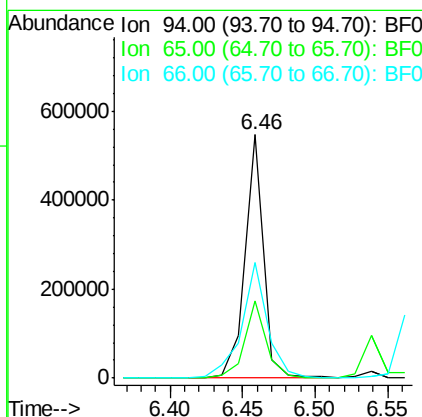
RT: 6.46 min Scan# 365

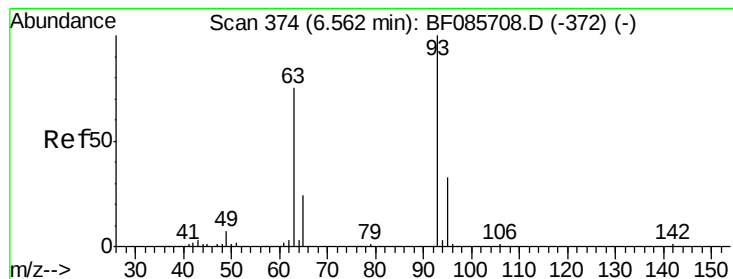
Delta R.T. -0.00 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

Tgt Ion:	94	Resp:	484886
Ion Ratio	Lower	Upper	
94	100		
65	31.9	8.6	48.6
66	47.3	20.0	60.0





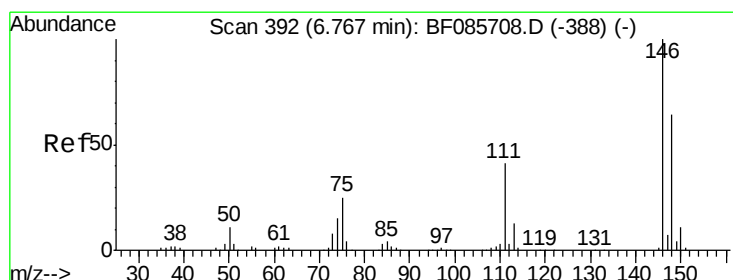
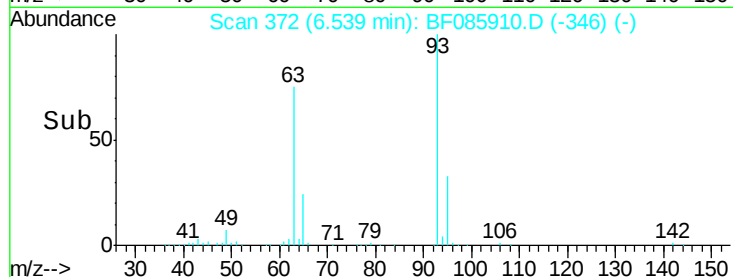
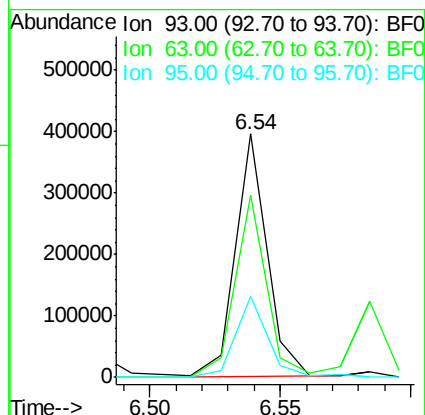
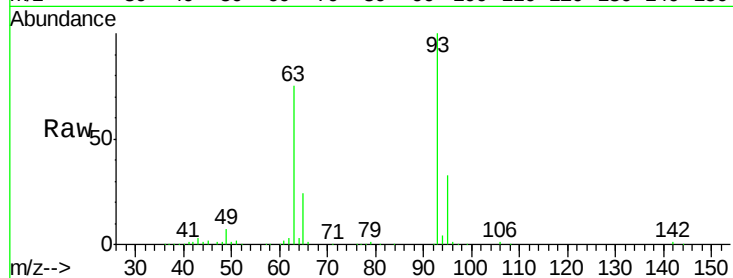
#11
bis(2-Chloroethyl)ether
Concen: 47.98 ng
RT: 6.54 min Scan# 372
Delta R.T. -0.00 min
Lab File: BF085910.D
Acq: 31 Mar 2016 4:25

Instrument :
BNA_F
ClientSampleId :
BOTTOM-EAST-END-14BGLMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
63	74.8	50.9	90.9
95	33.1	13.3	53.3

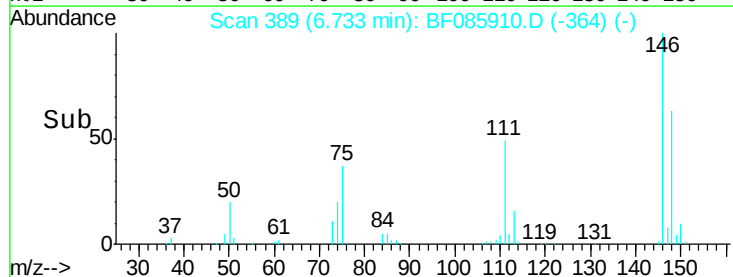
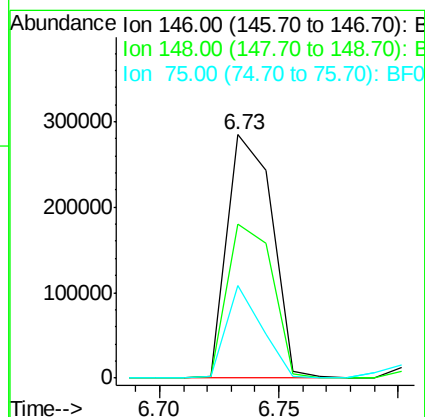
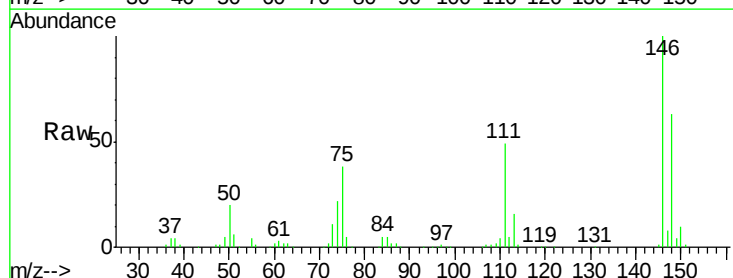
Manual Integrations
APPROVED

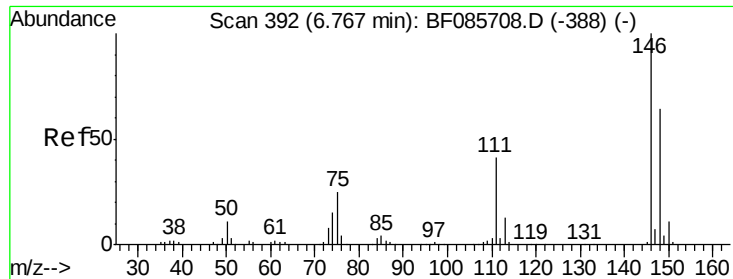
Sohil
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#12
1,3-Dichlorobenzene
Concen: 47.16 ng m
RT: 6.73 min Scan# 389
Delta R.T. -0.01 min
Lab File: BF085910.D
Acq: 31 Mar 2016 4:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	63.3	52.3	78.5
75	37.8	17.4	26.2





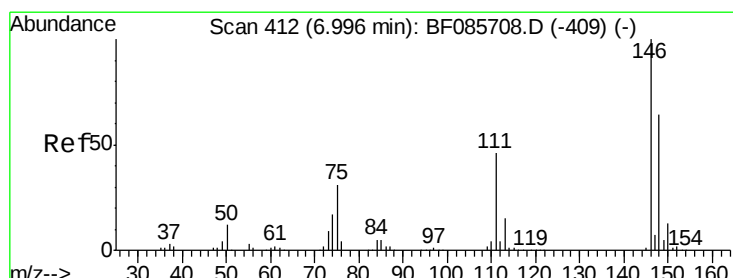
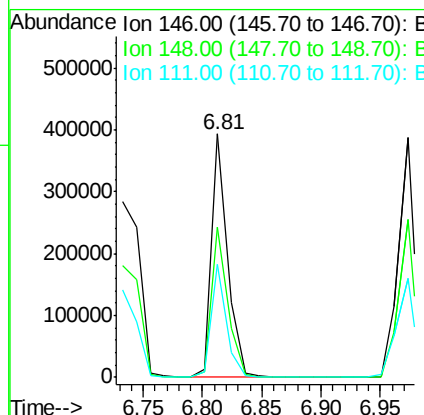
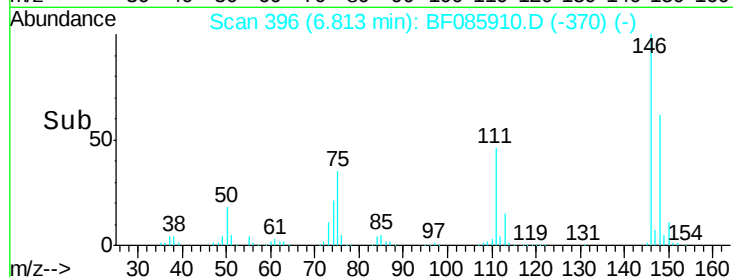
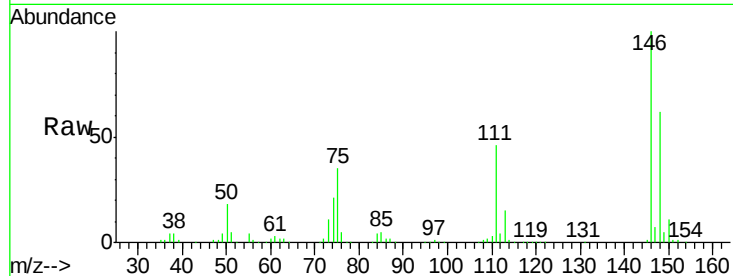
#13
1,4-Dichlorobenzene
Concen: 46.44 ng
RT: 6.81 min Scan# 396
Delta R.T. -0.00 min
Lab File: BF085910.D
Acq: 31 Mar 2016 4:25

Instrument :
BNA_F
ClientSampleId :
BOTTOM-EAST-END-14BGLMSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.7	50.6	76.0
111	46.4	37.8	56.6

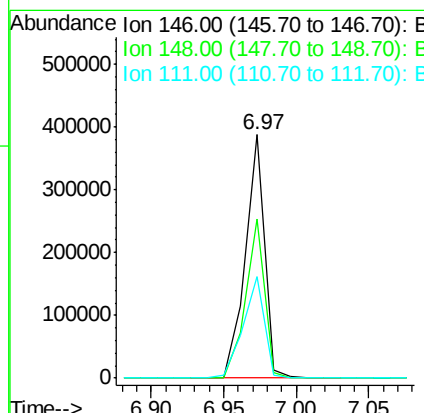
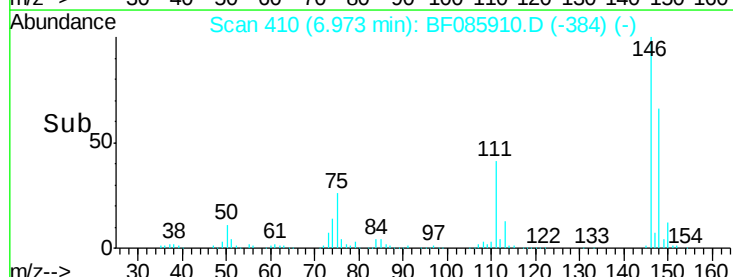
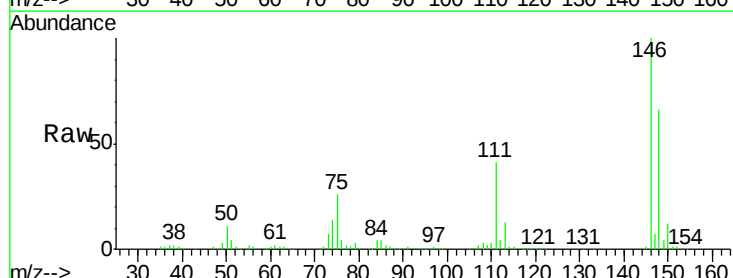
Manual Integrations
APPROVED

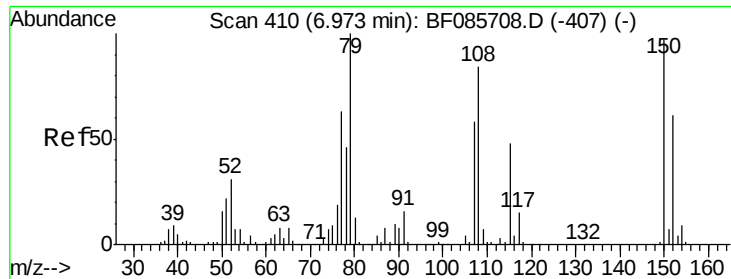
Sohil
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#14
1,2-Dichlorobenzene
Concen: 47.93 ng
RT: 6.97 min Scan# 410
Delta R.T. -0.00 min
Lab File: BF085910.D
Acq: 31 Mar 2016 4:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.4	77.2
111	41.5	34.6	52.0





#15

Benzyl Alcohol

Concen: 51.66 ng

RT: 6.95 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

Instrument :

BNA_F

ClientSampleId :

BOTTOM-EAST-END-14BGLMSD

Tgt Ion: 79 Resp: 275013
Ion Ratio Lower Upper

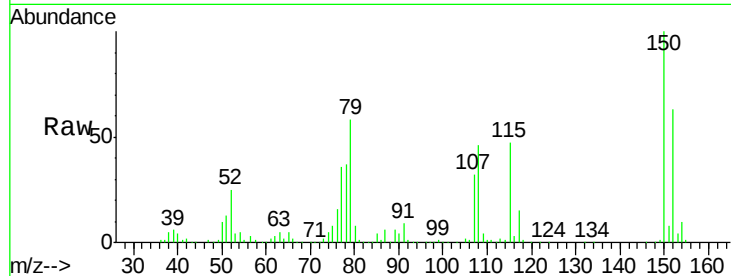
79 100

108 79.1 61.8 92.6

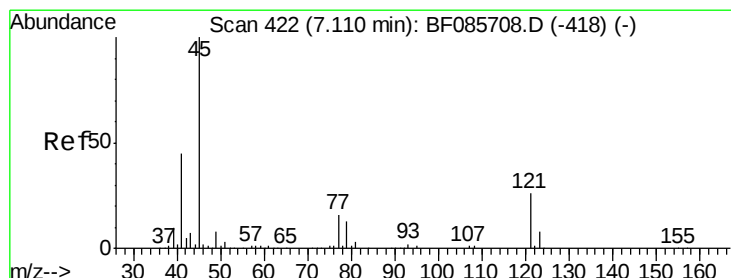
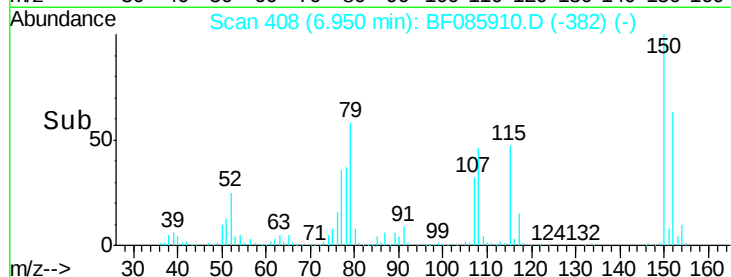
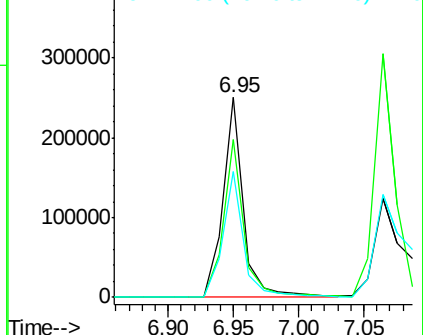
77 62.8 49.6 74.4

Manual Integrations
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Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.42 ng

RT: 7.09 min Scan# 420

Delta R.T. -0.00 min

Lab File: BF085910.D

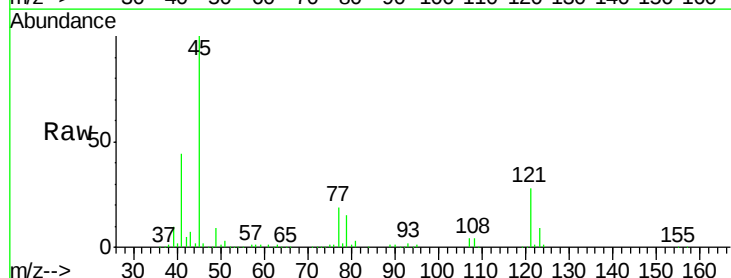
Acq: 31 Mar 2016 4:25

Tgt Ion: 45 Resp: 437634
Ion Ratio Lower Upper

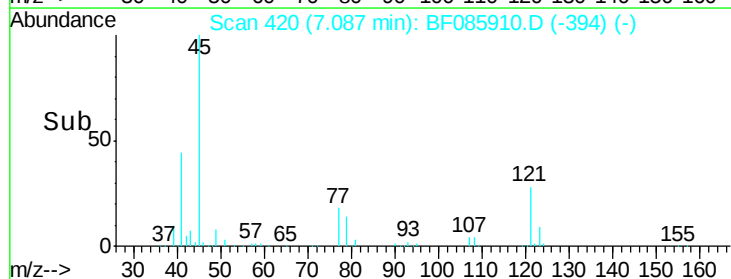
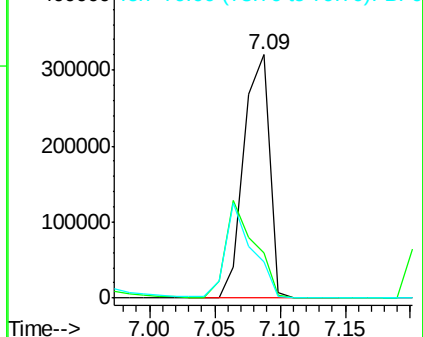
45 100

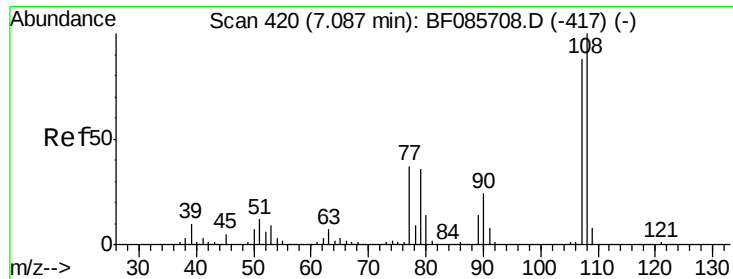
77 18.5 0.0 35.7

79 15.0 0.0 32.2



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





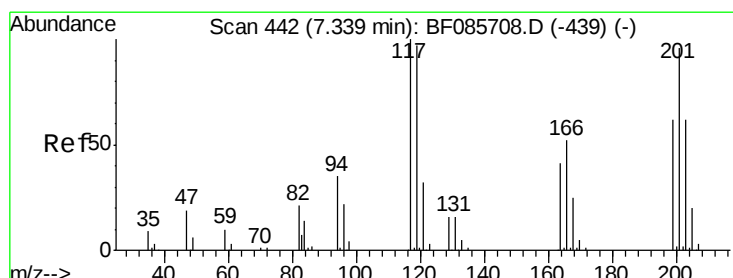
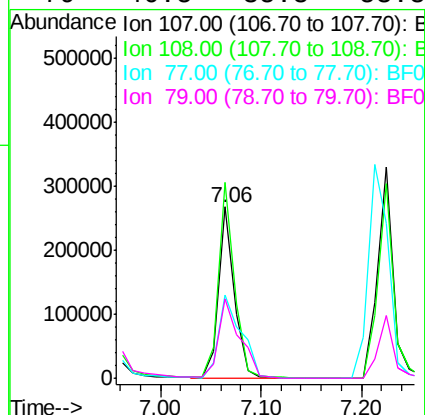
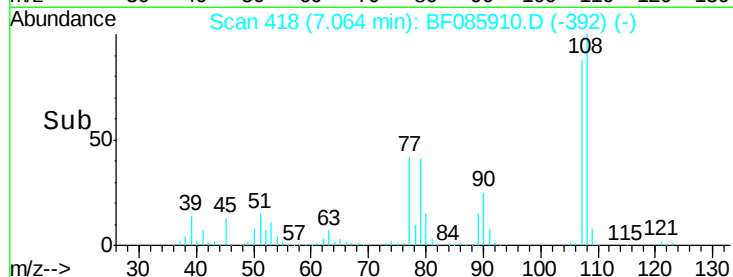
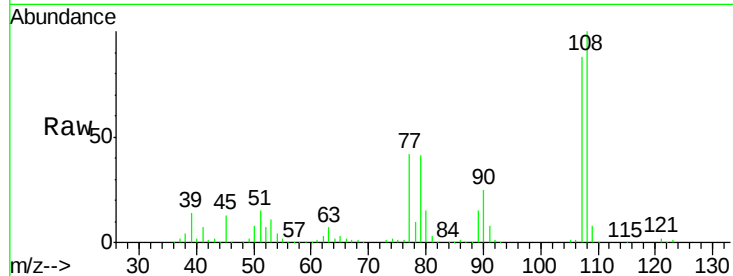
#17
2-Methylphenol
Concen: 50.16 ng
RT: 7.06 min Scan# 418
Delta R.T. -0.00 min
Lab File: BF085910.D
Acq: 31 Mar 2016 4:25

Instrument :
BNA_F
ClientSampleId :
BOTTOM-EAST-END-14BGLMSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	292788		
108	114.2	91.4	137.0	
77	48.3	36.2	54.2	
79	46.5	35.8	53.8	

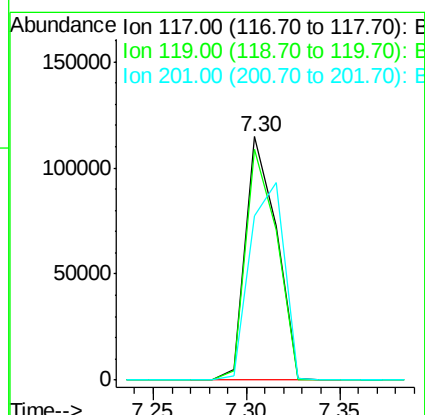
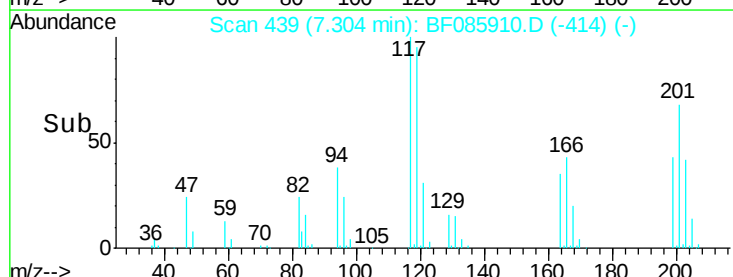
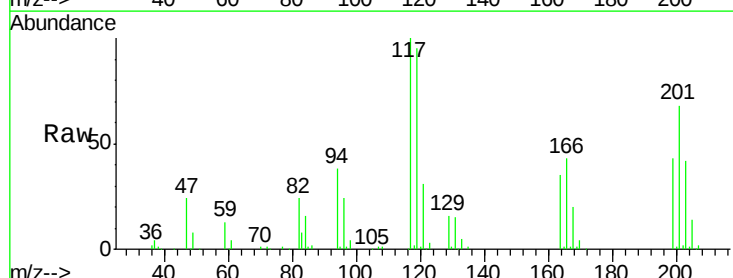
Manual Integrations
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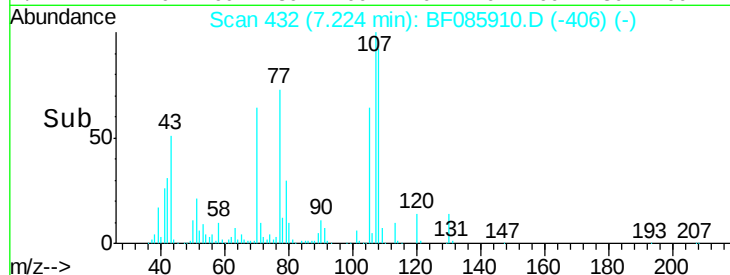
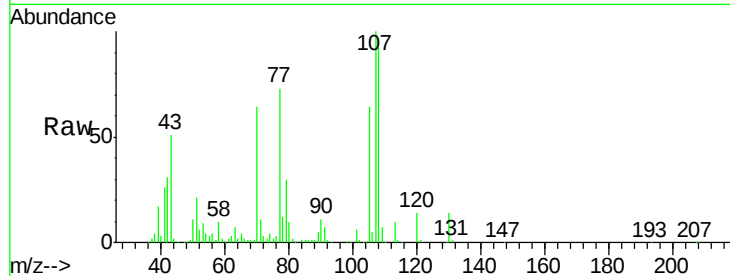
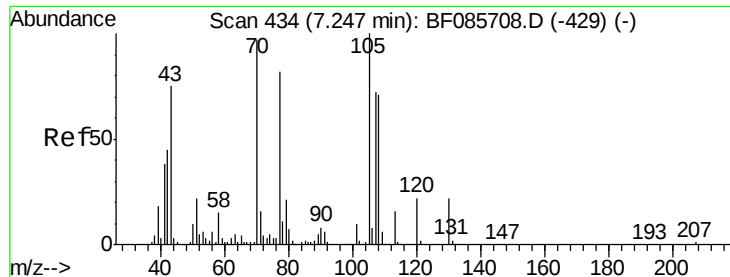
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#18
Hexachloroethane
Concen: 45.37 ng
RT: 7.30 min Scan# 439
Delta R.T. -0.01 min
Lab File: BF085910.D
Acq: 31 Mar 2016 4:25

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	132280		
119	94.6	76.7	115.1	
201	67.5	83.3	124.9	





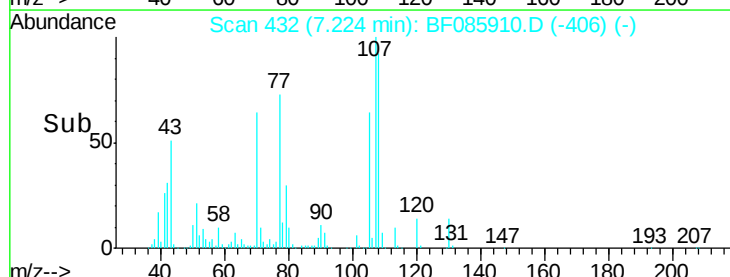
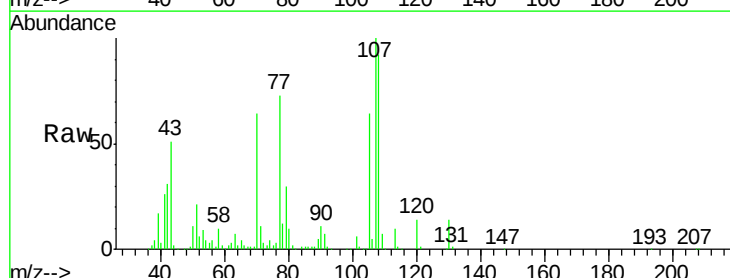
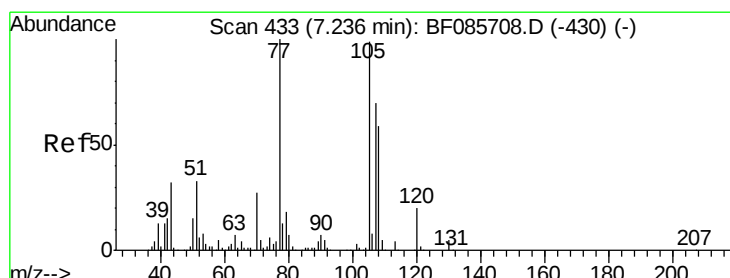
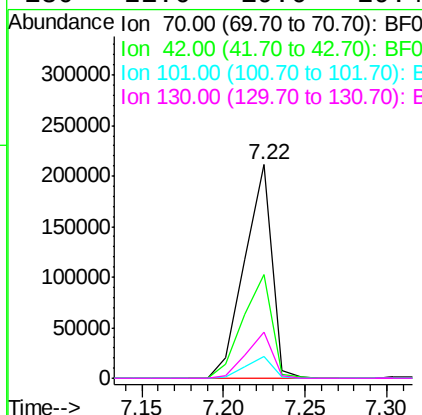
#19
n-Nitroso-di-n-propylamine
Concen: 51.46 ng
RT: 7.22 min Scan# 432
Delta R.T. -0.00 min
Lab File: BF085910.D
Acq: 31 Mar 2016 4:25

Instrument :
BNA_F
ClientSampleId :
BOTTOM-EAST-END-14BGLMSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	48.7	37.1	55.7
101	9.9	8.6	12.8
130	21.6	19.6	29.4

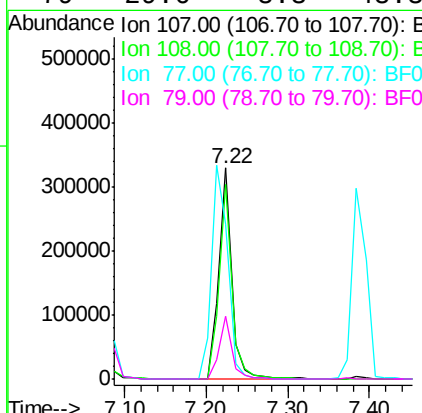
Manual Integrations
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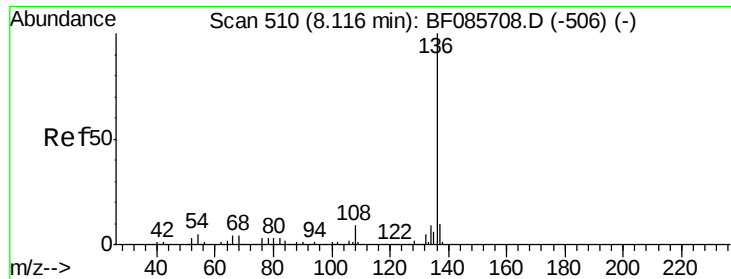
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#20
3+4-Methylphenols
Concen: 51.91 ng
RT: 7.22 min Scan# 432
Delta R.T. -0.00 min
Lab File: BF085910.D
Acq: 31 Mar 2016 4:25

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.1	69.3	109.3
77	73.2	101.7	141.7#
79	29.6	8.3	48.3





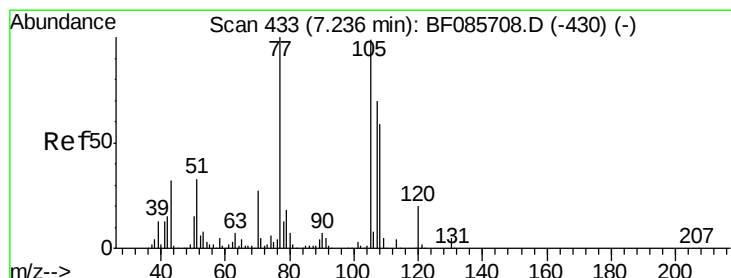
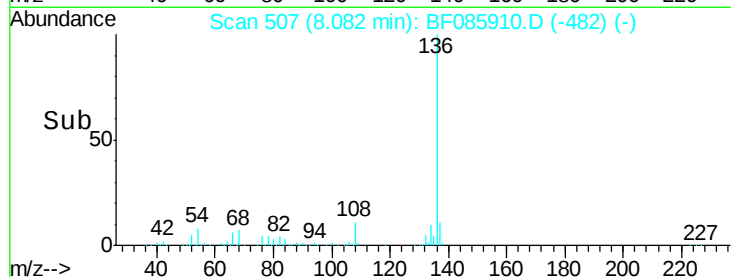
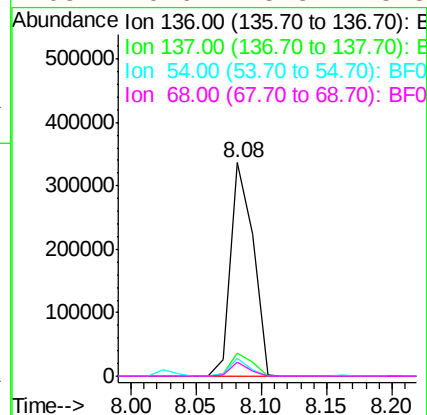
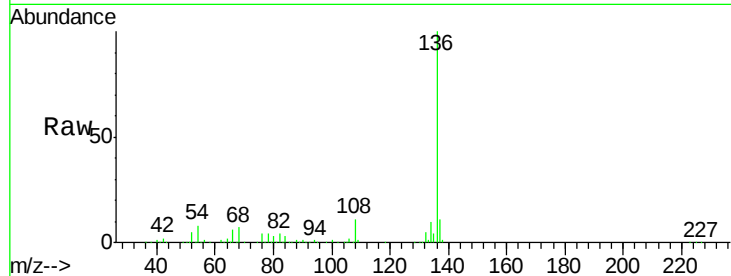
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF085910.D
Acq: 31 Mar 2016 4:25

Instrument :
BNA_F
ClientSampleId :
BOTTOM-EAST-END-14BGLMSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	404355		
137	11.0	9.1	13.7	
54	8.4	7.4	11.0	
68	6.6	5.8	8.8	

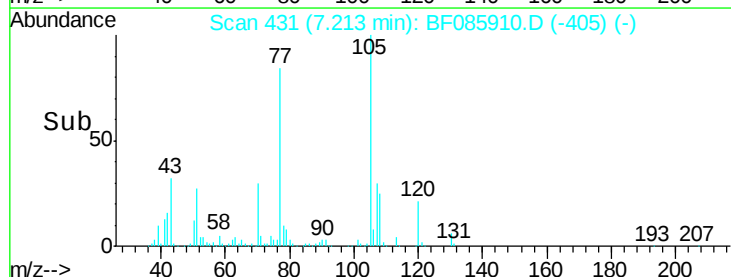
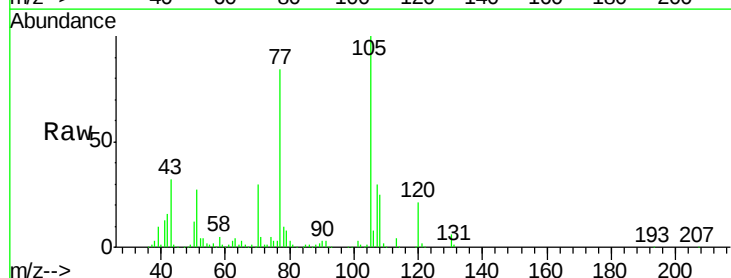
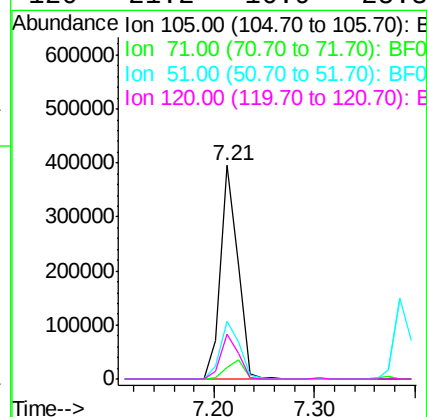
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#22
Acetophenone
Concen: 50.55 ng
RT: 7.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: BF085910.D
Acq: 31 Mar 2016 4:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	476158		
71	5.2	3.6	5.4	
51	27.1	25.4	38.0	
120	21.2	16.9	25.3	





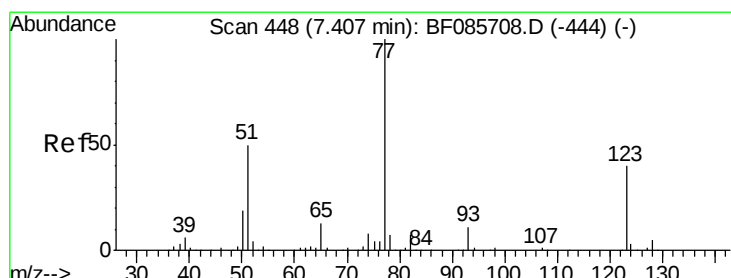
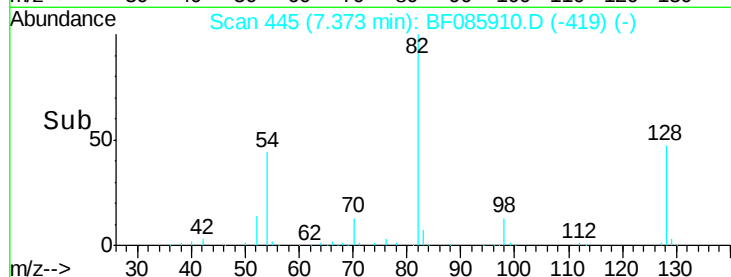
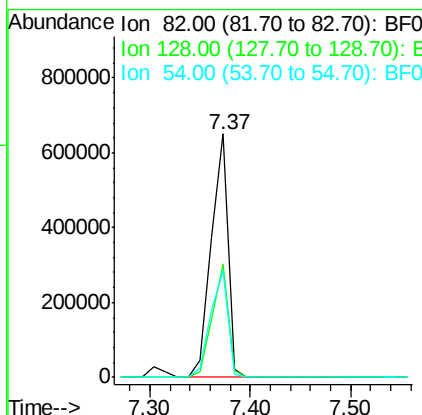
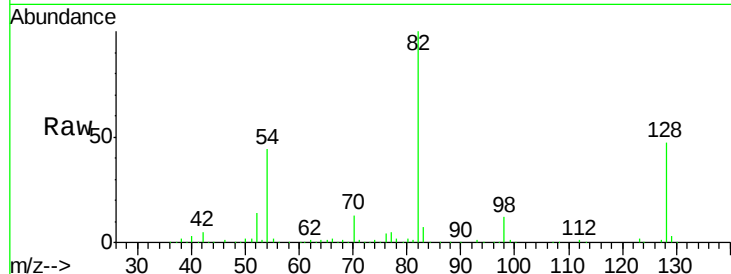
#23
 Nitrobenzene-d5
 Concen: 104.91 ng
 RT: 7.37 min Scan# 445
 Delta R.T. -0.00 min
 Lab File: BF085910.D
 Acq: 31 Mar 2016 4:25

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-EAST-END-14BGLMSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	753314		
128	46.6	41.8	62.8	
54	43.9	33.4	50.0	

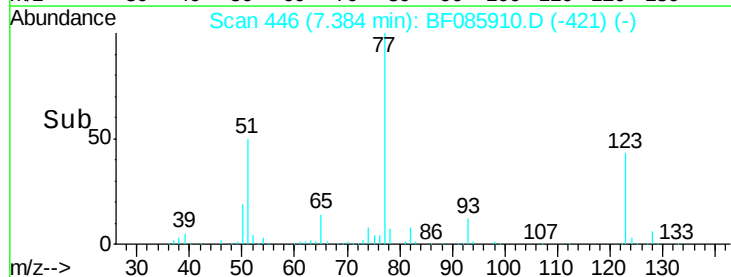
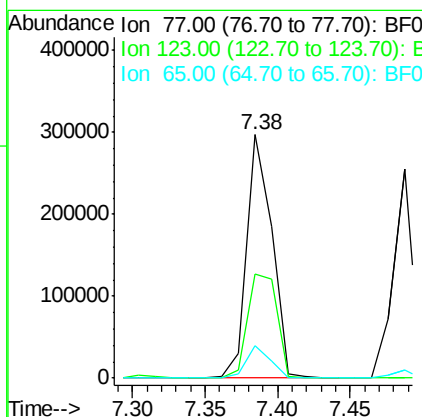
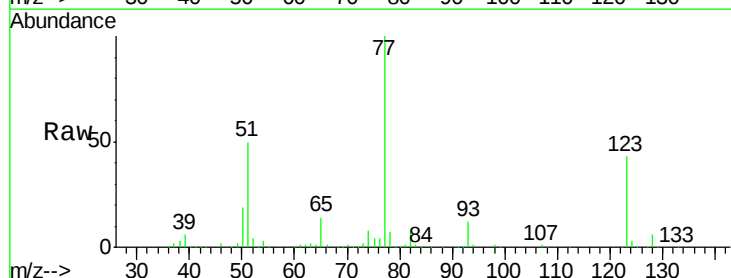
Manual Integrations
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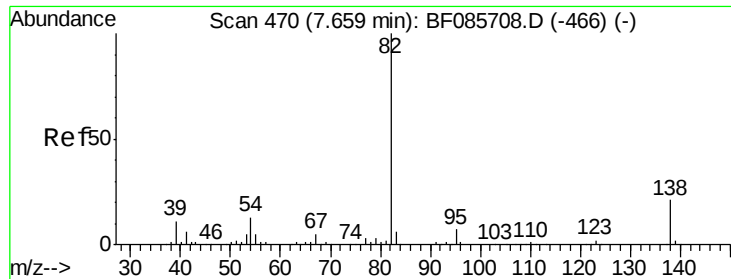
Sohil
 3/31/2016 4:52:49 PM



#24
 Nitrobenzene
 Concen: 48.12 ng
 RT: 7.38 min Scan# 446
 Delta R.T. -0.01 min
 Lab File: BF085910.D
 Acq: 31 Mar 2016 4:25

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	356159		
123	42.6	35.0	52.4	
65	13.6	10.6	16.0	





#25

Isophorone

Concen: 50.53 ng

RT: 7.62 min Scan# 467

Delta R.T. -0.01 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

Instrument :

BNA_F

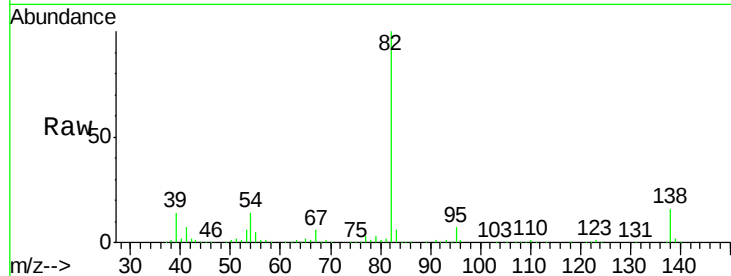
ClientSampleId :

BOTTOM-EAST-END-14BGLMSD

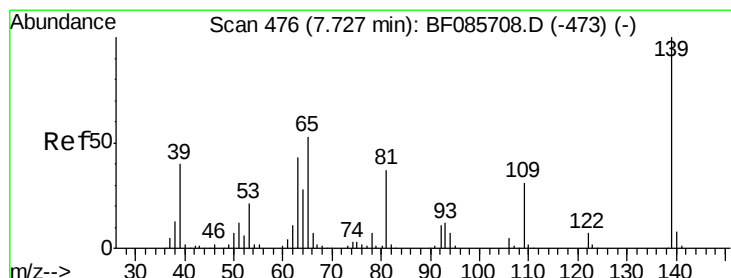
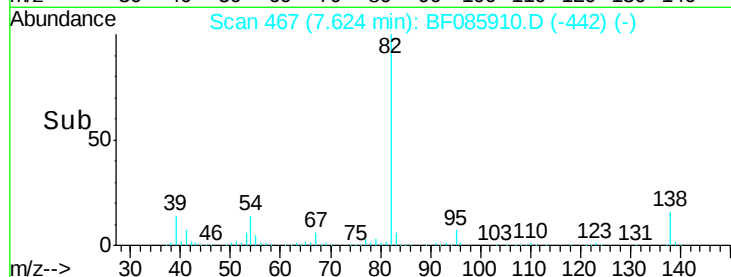
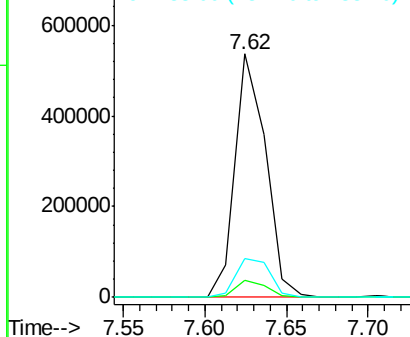
Tgt Ion:	82	Resp:	698990
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.4	8.2
138	16.0	12.9	19.3

Manual Integrations
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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 51.94 ng

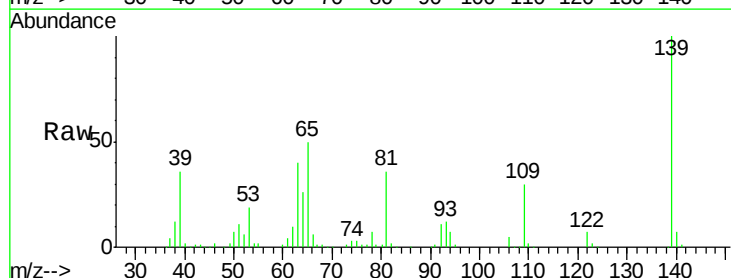
RT: 7.70 min Scan# 474

Delta R.T. -0.00 min

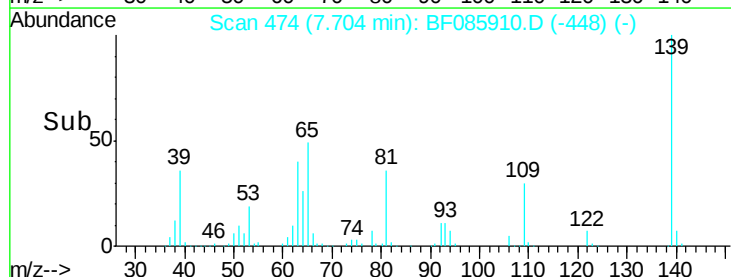
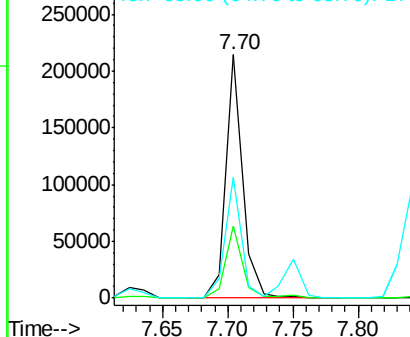
Lab File: BF085910.D

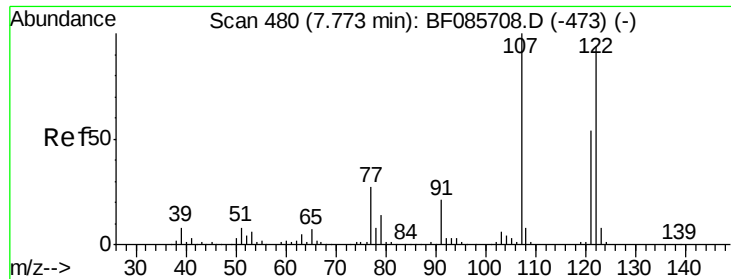
Acq: 31 Mar 2016 4:25

Tgt Ion:	139	Resp:	192326
Ion Ratio	Lower	Upper	
139	100		
109	29.6	22.1	33.1
65	49.7	33.9	50.9



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





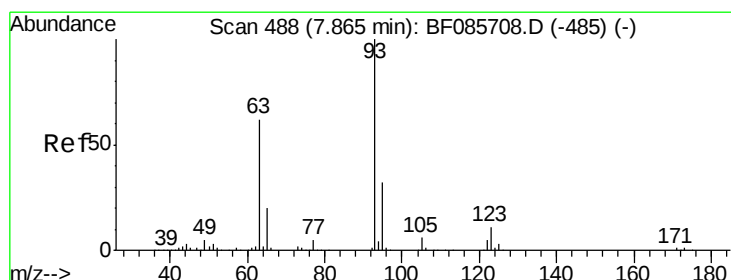
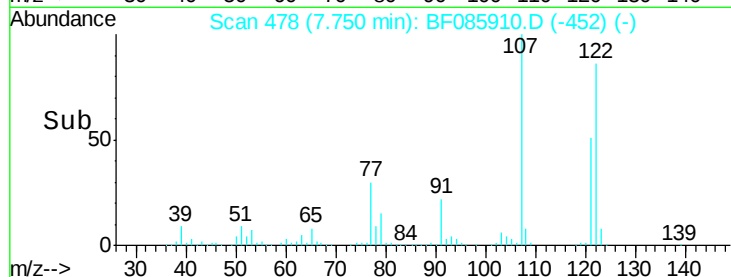
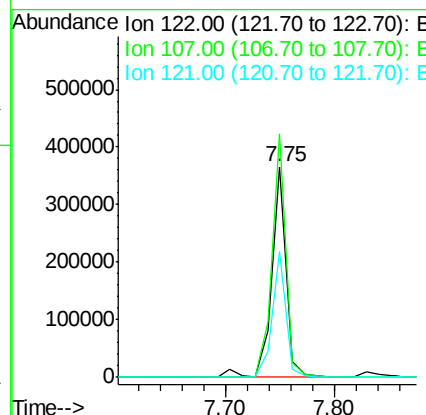
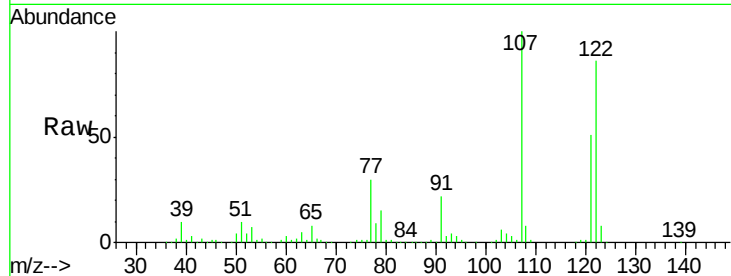
#27
 2,4-Dimethylphenol
 Concen: 52.93 ng
 RT: 7.75 min Scan# 478
 Delta R.T. -0.00 min
 Lab File: BF085910.D
 Acq: 31 Mar 2016 4:25

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-EAST-END-14BGLMSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	342581		
107	115.6	93.0	139.6	
121	59.5	45.9	68.9	

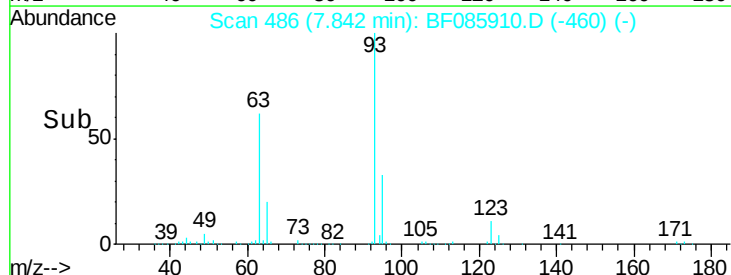
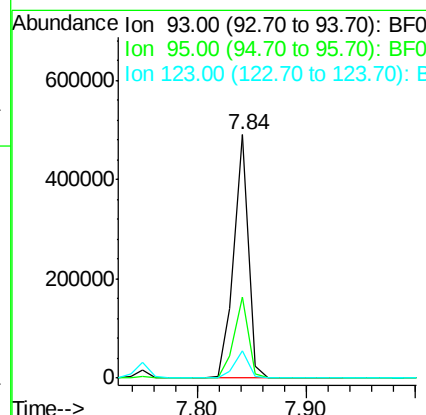
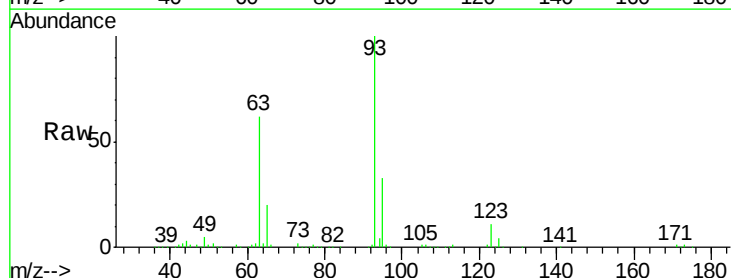
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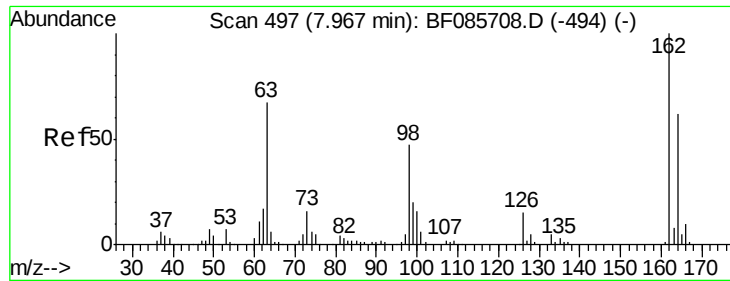
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 3/31/2016 4:52:49 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 57.61 ng
 RT: 7.84 min Scan# 486
 Delta R.T. -0.00 min
 Lab File: BF085910.D
 Acq: 31 Mar 2016 4:25

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	454051		
95	33.3	26.4	39.6	
123	11.2	9.8	14.6	





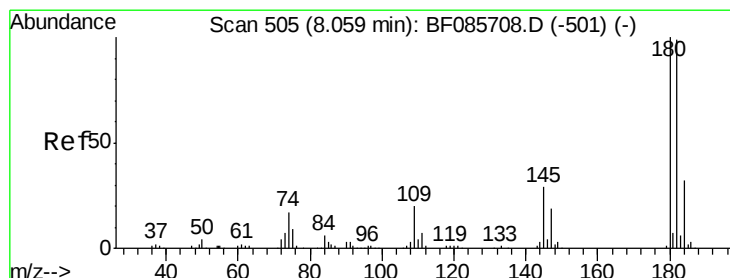
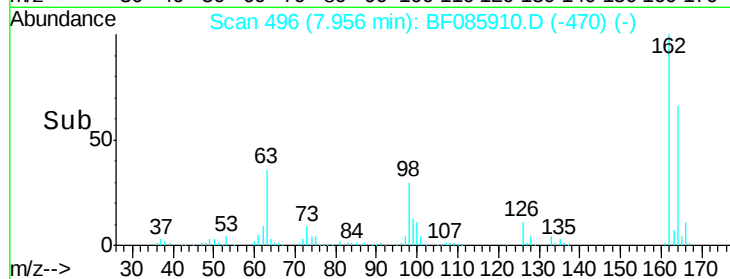
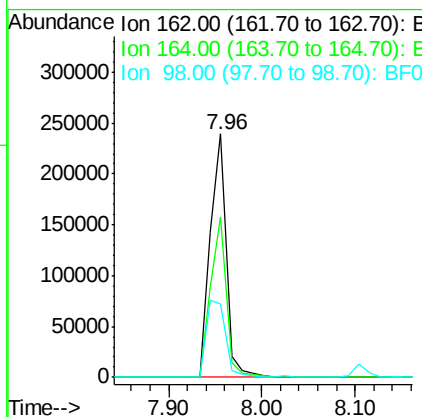
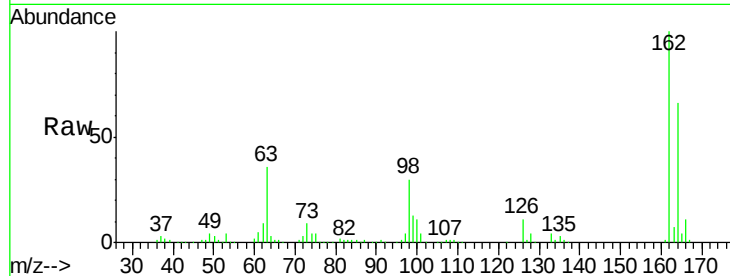
#29
 2,4-Dichlorophenol
 Concen: 52.69 ng
 RT: 7.96 min Scan# 496
 Delta R.T. -0.00 min
 Lab File: BF085910.D
 Acq: 31 Mar 2016 4:25

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-EAST-END-14BGLMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.7	43.7	83.7
98	30.3	20.4	60.4

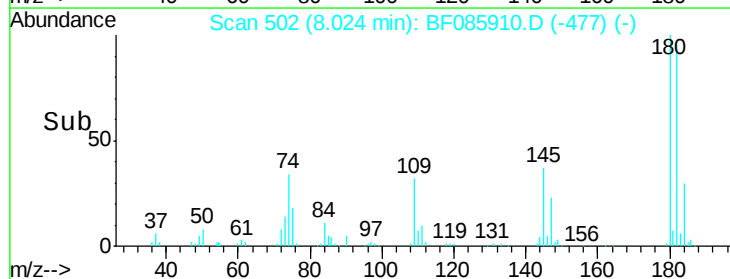
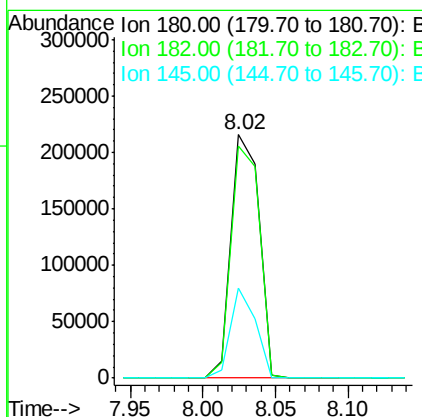
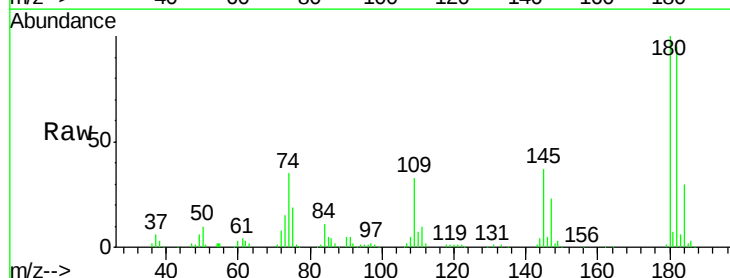
Manual Integrations
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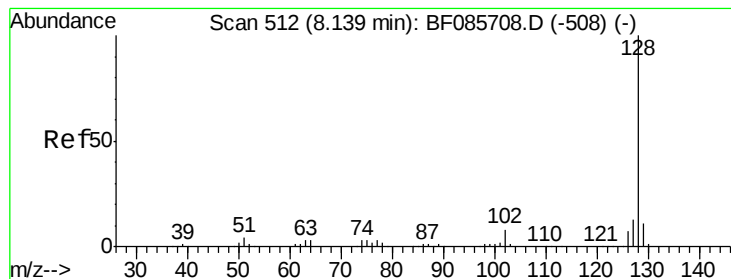
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#30
 1,2,4-Trichlorobenzene
 Concen: 48.27 ng
 RT: 8.02 min Scan# 502
 Delta R.T. -0.01 min
 Lab File: BF085910.D
 Acq: 31 Mar 2016 4:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.4	73.8	110.8
145	37.1	28.4	42.6





#31

Naphthalene

Concen: 46.29 ng

RT: 8.10 min Scan# 509

Delta R.T. -0.00 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

Instrument :

BNA_F

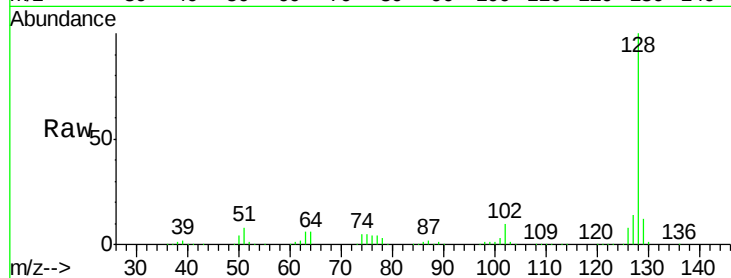
ClientSampleId :

BOTTOM-EAST-END-14BGLMSD

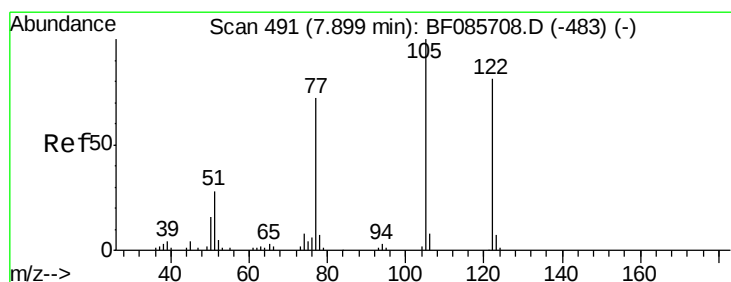
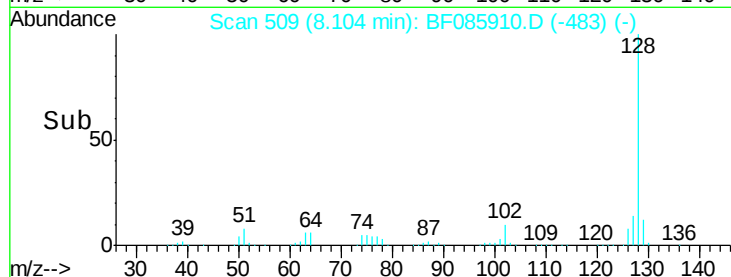
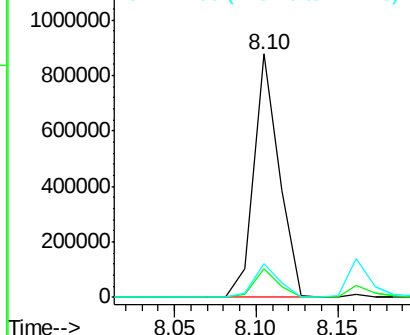
Tgt Ion:	128	Resp:	943168
Ion Ratio		Lower	Upper
128	100		
129	11.6	9.4	14.0
127	13.7	11.0	16.6

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



#32

Benzoic acid

Concen: 4.62 ng

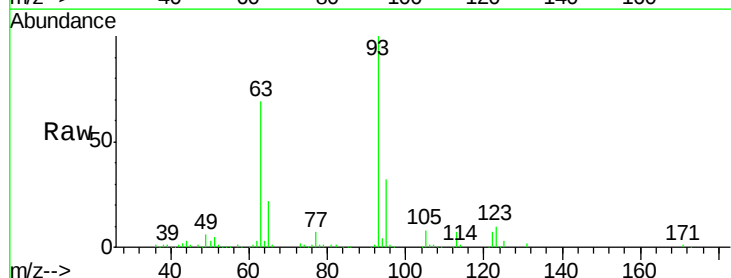
RT: 7.83 min Scan# 485

Delta R.T. -0.06 min

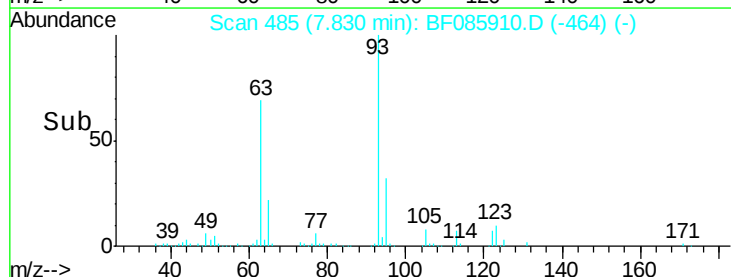
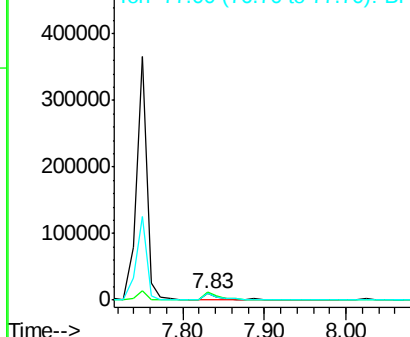
Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

Tgt Ion:	122	Resp:	19876
Ion Ratio		Lower	Upper
122	100		
105	118.4	102.9	142.9
77	96.8	71.8	111.8



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





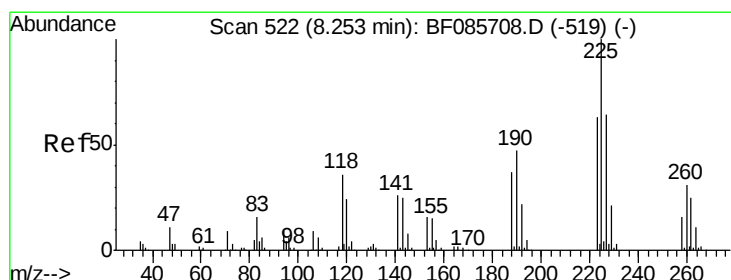
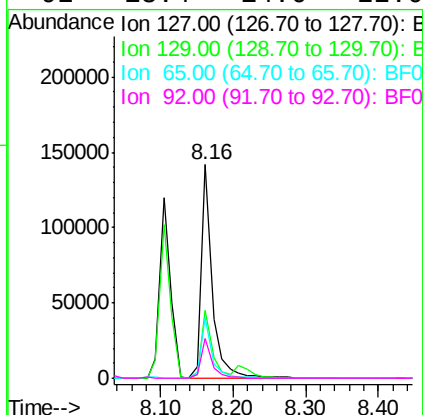
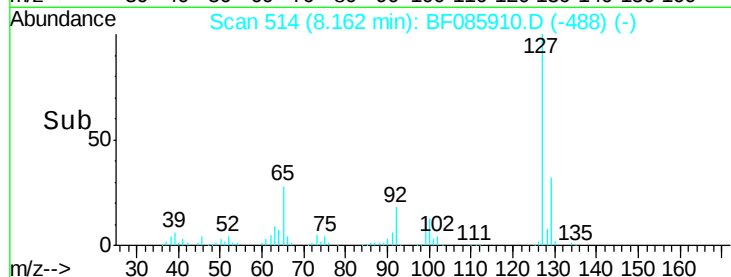
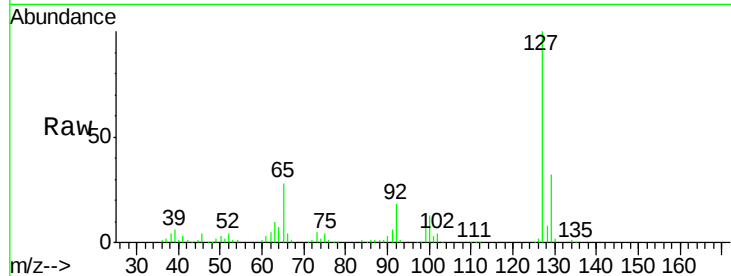
#33
4-Chloroaniline
Concen: 18.10 ng
RT: 8.16 min Scan# 514
Delta R.T. -0.00 min
Lab File: BF085910.D
Acq: 31 Mar 2016 4:25

Instrument :
BNA_F
ClientSampleId :
BOTTOM-EAST-END-14BGLMSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	150527		
129	31.9	26.1	39.1	
65	27.9	19.5	29.3	
92	18.4	14.6	22.0	

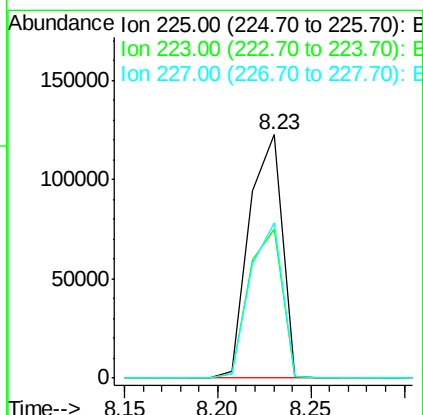
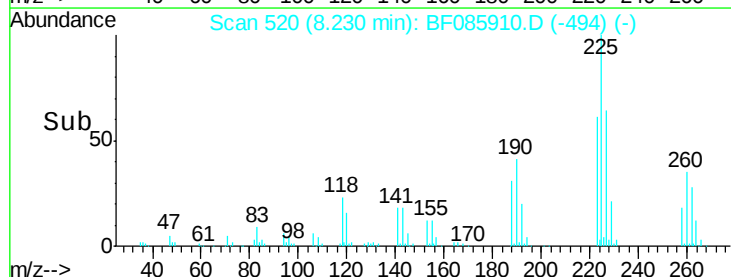
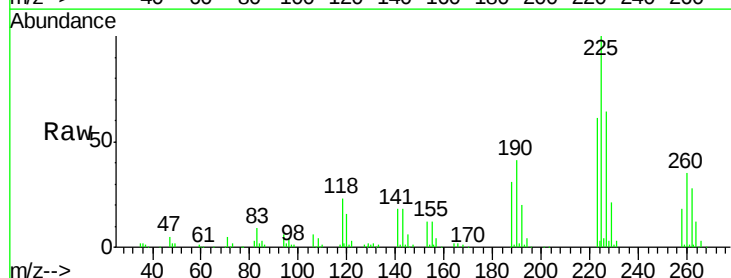
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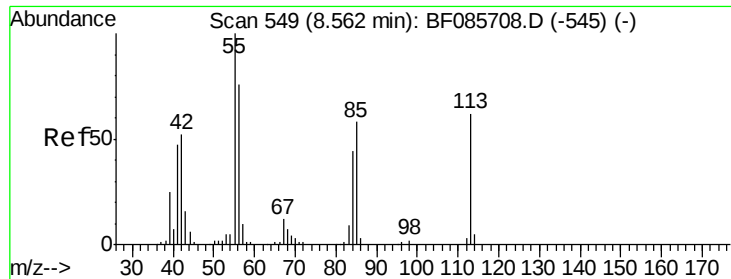
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3/31/2016 4:52:49 PM



#34
Hexachlorobutadiene
Concen: 46.30 ng
RT: 8.23 min Scan# 520
Delta R.T. -0.00 min
Lab File: BF085910.D
Acq: 31 Mar 2016 4:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	151999		
223	60.9	50.4	75.6	
227	63.7	51.4	77.2	





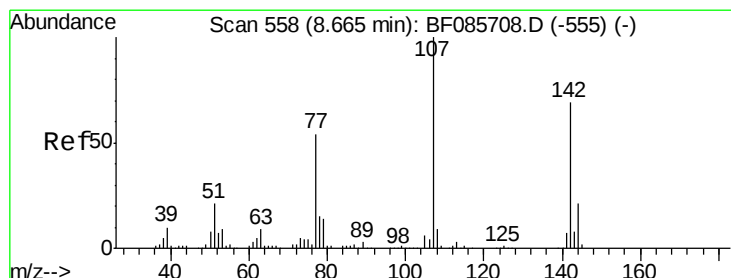
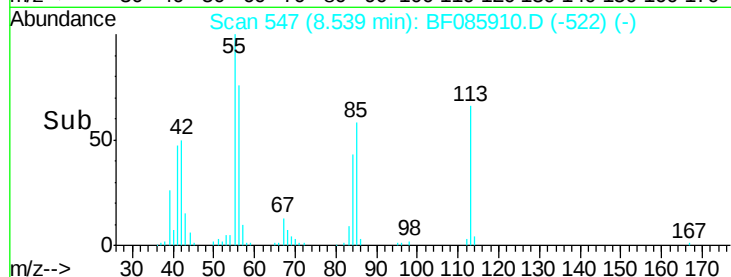
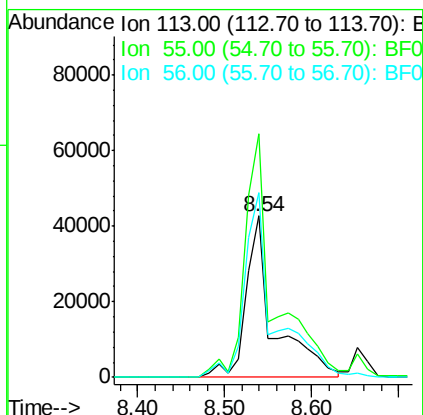
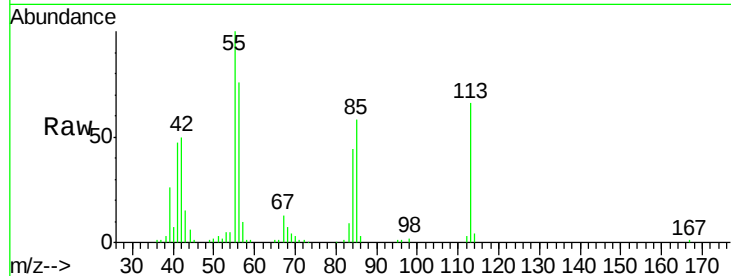
#35
 Caprolactam
 Concen: 49.75 ng
 RT: 8.54 min Scan# 547
 Delta R.T. -0.01 min
 Lab File: BF085910.D
 Acq: 31 Mar 2016 4:25

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-EAST-END-14BGLMSD

Tgt Ion	Ratio	Lower	Upper
113	100		
55	151.1	139.4	179.4
56	114.5	100.4	140.4

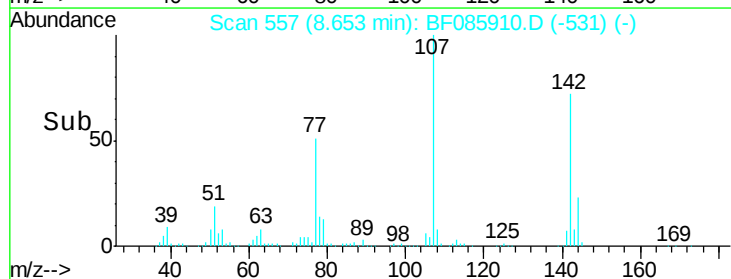
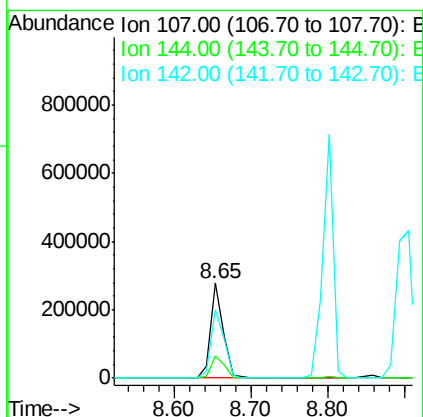
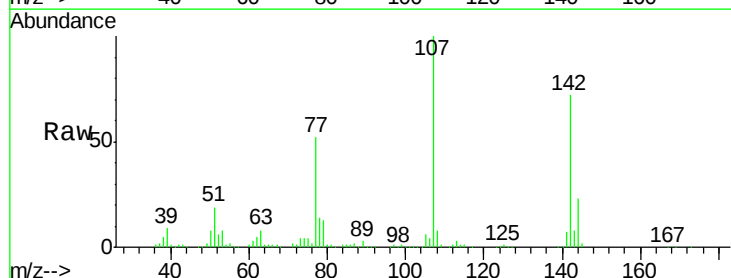
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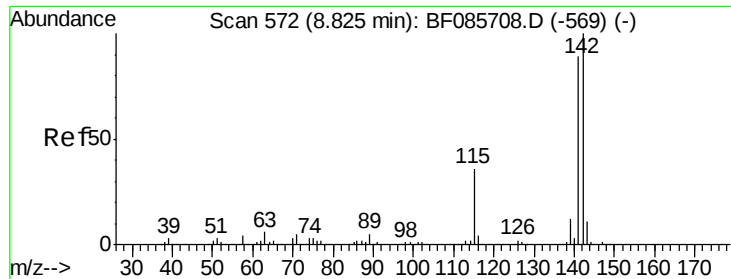
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#36
 4-Chloro-3-methylphenol
 Concen: 48.77 ng
 RT: 8.65 min Scan# 557
 Delta R.T. -0.00 min
 Lab File: BF085910.D
 Acq: 31 Mar 2016 4:25

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.4	19.3	28.9
142	72.3	61.4	92.0





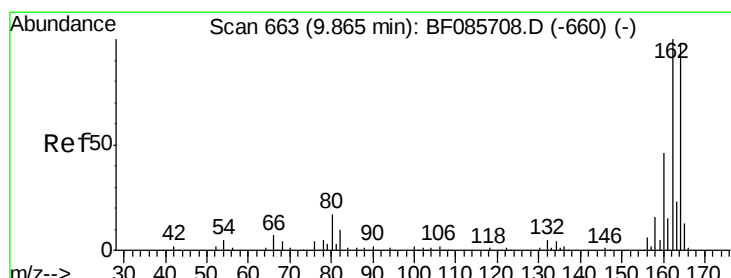
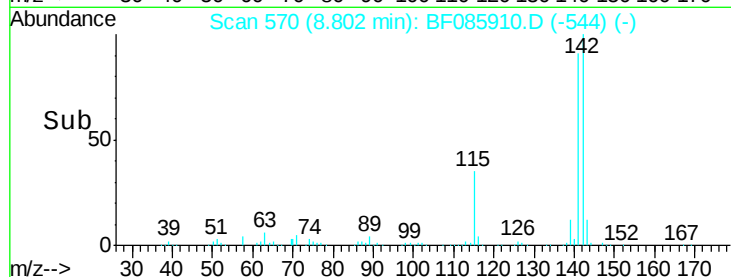
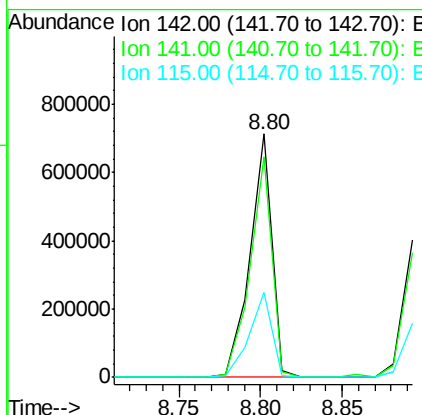
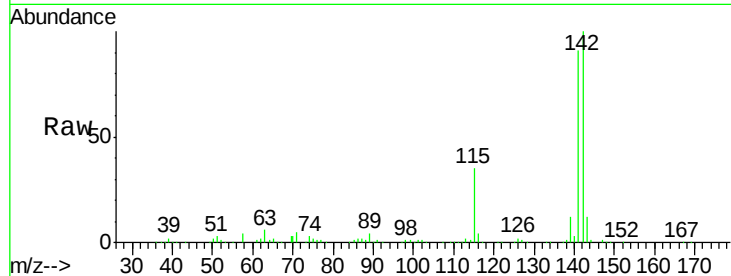
#37
2-Methylnaphthalene
Concen: 60.88 ng
RT: 8.80 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF085910.D
Acq: 31 Mar 2016 4:25

Instrument :
BNA_F
ClientSampleId :
BOTTOM-EAST-END-14BGLMSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	71.6	107.4
115	34.9	26.8	40.2

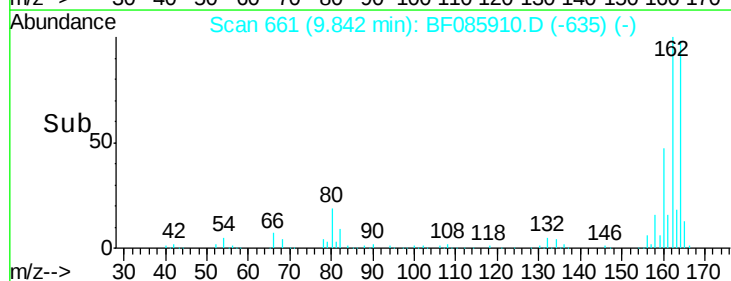
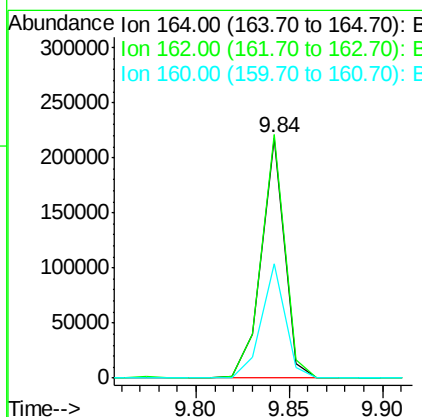
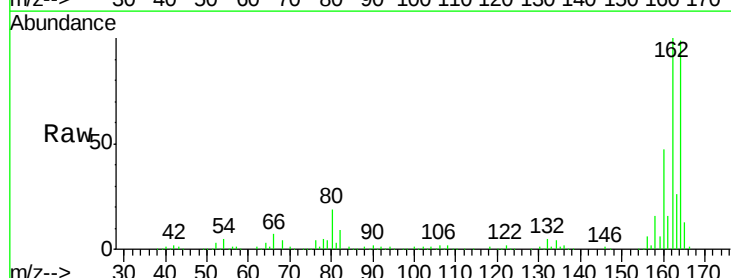
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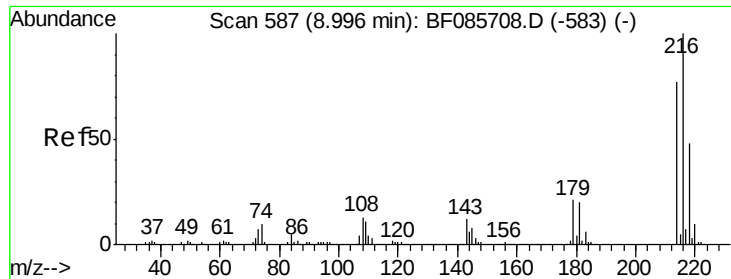
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 661
Delta R.T. -0.00 min
Lab File: BF085910.D
Acq: 31 Mar 2016 4:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	82.1	123.1
160	47.8	37.4	56.2





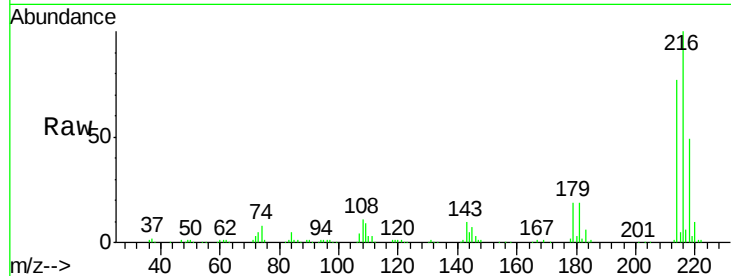
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.24 ng
 RT: 8.97 min Scan# 585
 Delta R.T. -0.00 min
 Lab File: BF085910.D
 Acq: 31 Mar 2016 4:25

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-EAST-END-14BGLMSD

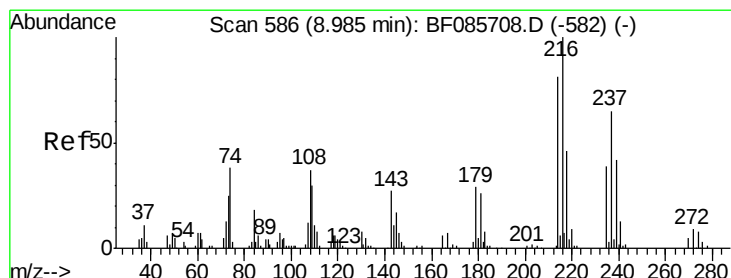
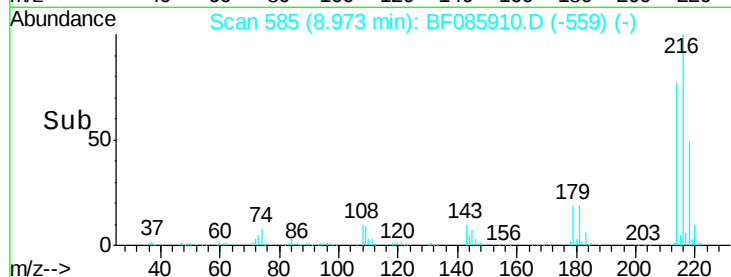
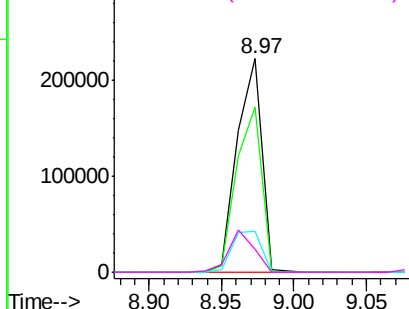
Tgt Ion	Ratio	Resp Lower	Resp Upper
216	100		
214	79.2	63.1	94.7
179	23.0	18.2	27.2
108	20.5	17.3	25.9

Manual Integrations
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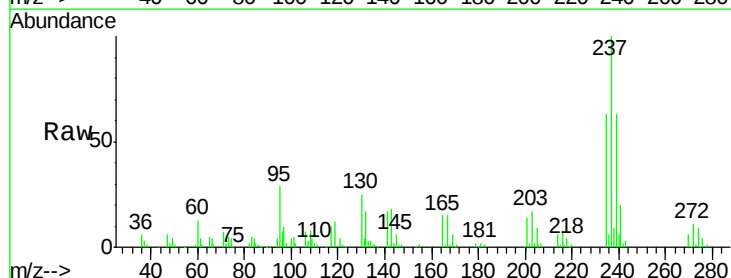


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

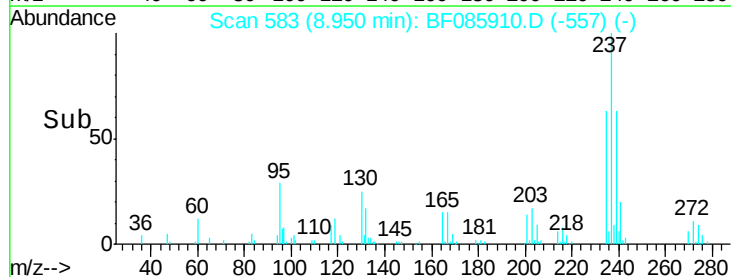
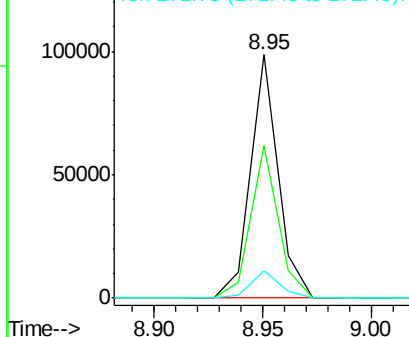


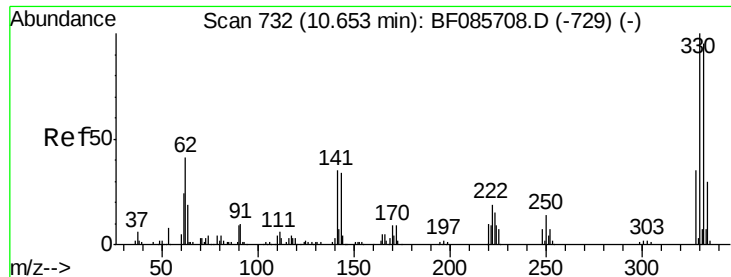
#40
 Hexachlorocyclopentadiene
 Concen: 42.42 ng
 RT: 8.95 min Scan# 583
 Delta R.T. -0.00 min
 Lab File: BF085910.D
 Acq: 31 Mar 2016 4:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	62.9	43.7	83.7
272	11.2	0.0	31.9



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





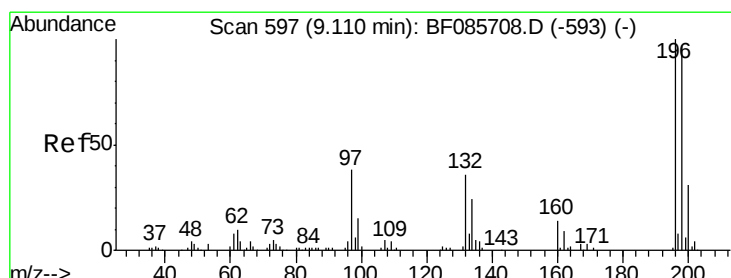
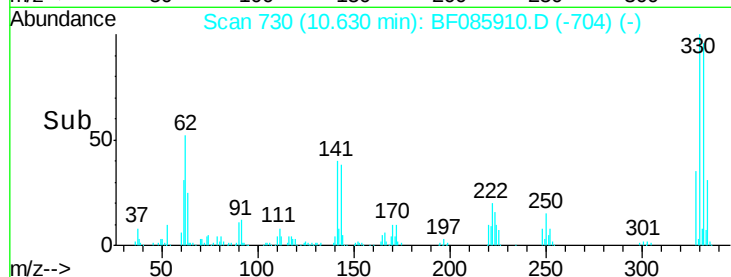
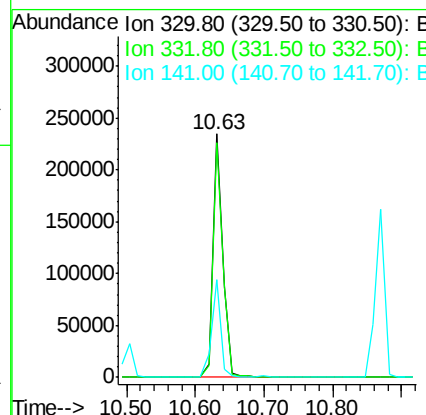
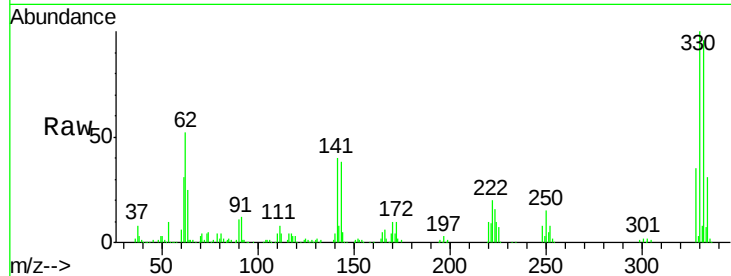
#41
 2,4,6-Tribromophenol
 Concen: 133.34 ng
 RT: 10.63 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: BF085910.D
 Acq: 31 Mar 2016 4:25

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-EAST-END-14BGLMSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	236557		
332	97.1	78.2	117.2	
141	37.1	31.5	47.3	

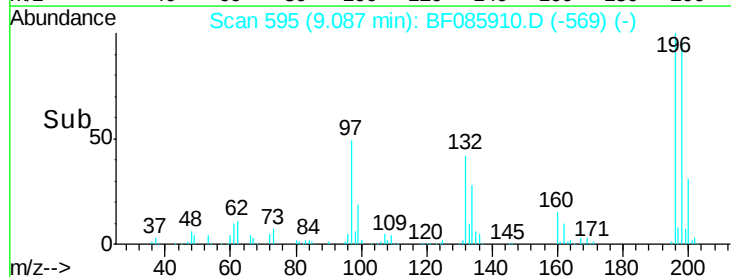
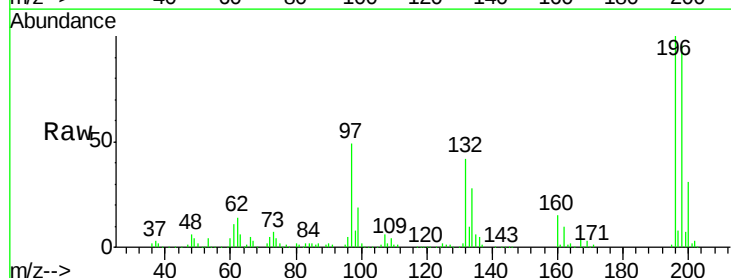
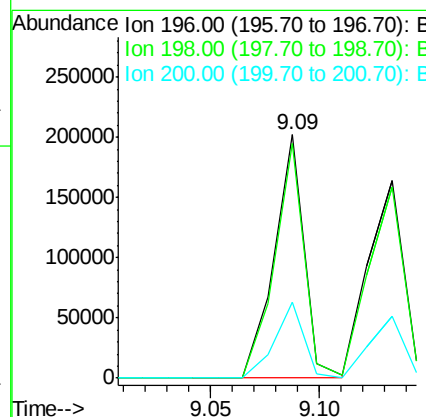
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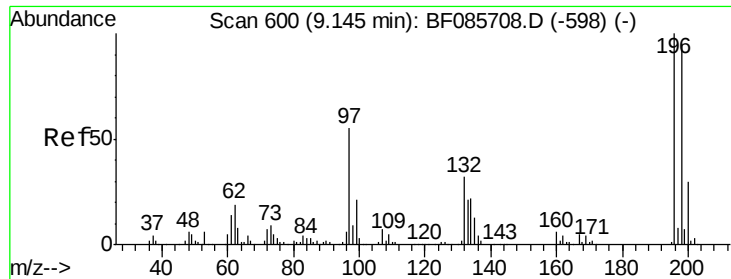
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 3/31/2016 4:52:49 PM



#42
 2,4,6-Trichlorophenol
 Concen: 52.06 ng
 RT: 9.09 min Scan# 595
 Delta R.T. -0.00 min
 Lab File: BF085910.D
 Acq: 31 Mar 2016 4:25

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	194690		
198	96.3	75.3	112.9	
200	31.0	23.7	35.5	





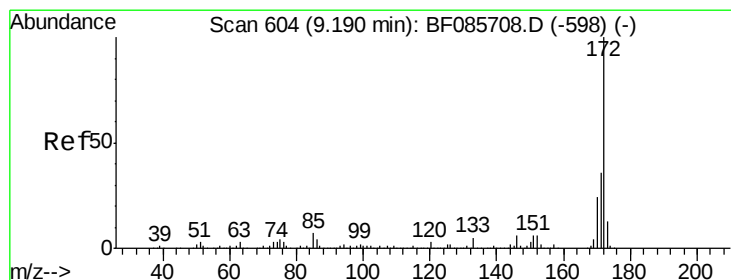
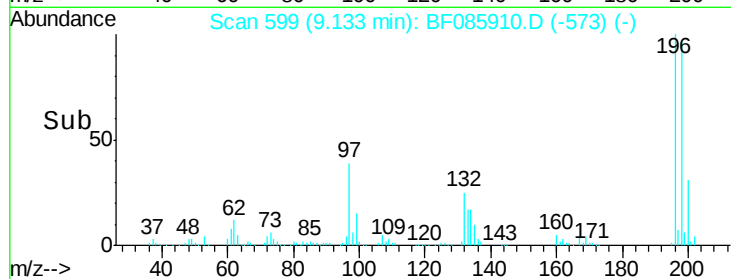
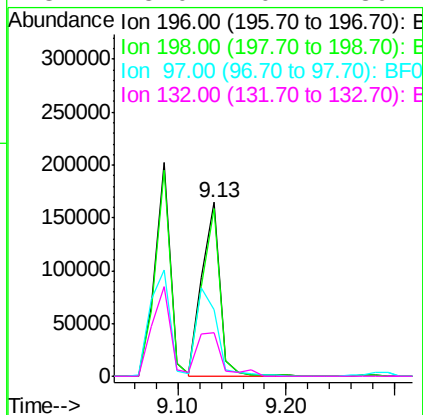
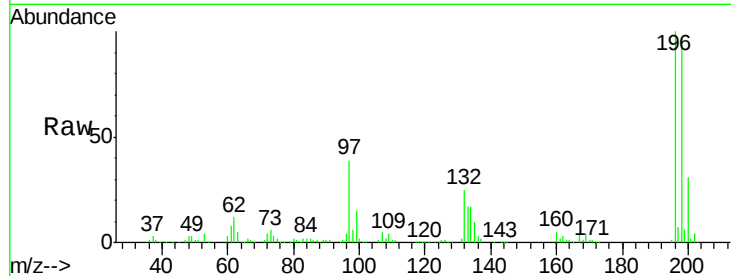
#43
 2,4,5-Trichlorophenol
 Concen: 48.89 ng
 RT: 9.13 min Scan# 599
 Delta R.T. -0.00 min
 Lab File: BF085910.D
 Acq: 31 Mar 2016 4:25

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-EAST-END-14BGLMSD

Tgt Ion:	196	Resp:	191735
Ion Ratio	Lower	Upper	
196	100		
198	96.8	76.6	114.8
97	38.7	30.5	45.7
132	25.0	20.2	30.2

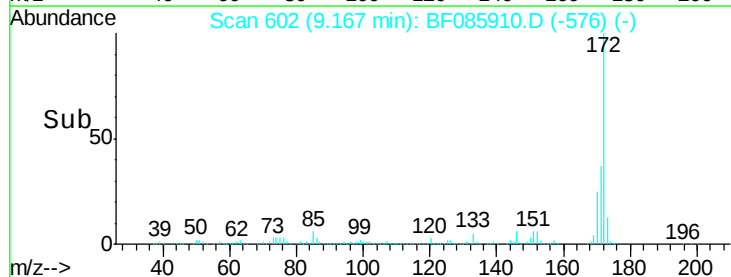
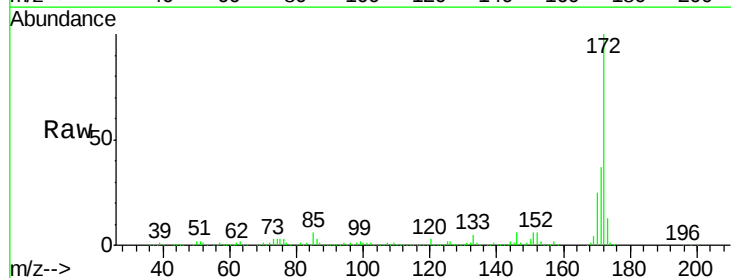
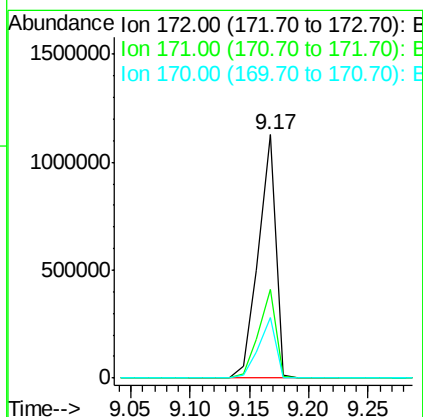
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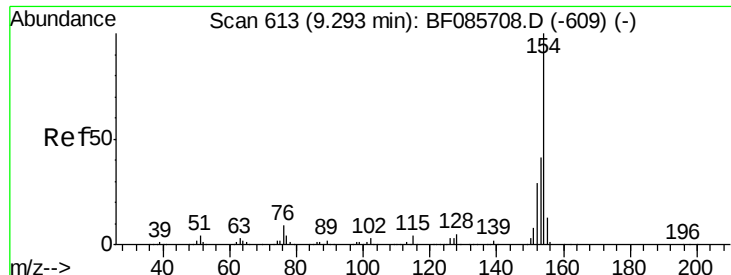
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#44
 2-Fluorobiphenyl
 Concen: 104.58 ng
 RT: 9.17 min Scan# 602
 Delta R.T. -0.00 min
 Lab File: BF085910.D
 Acq: 31 Mar 2016 4:25

Tgt Ion:	172	Resp:	1168751
Ion Ratio	Lower	Upper	
172	100		
171	36.7	29.4	44.2
170	24.6	19.8	29.6





#45

1,1'-Biphenyl

Concen: 46.56 ng

RT: 9.27 min Scan# 611

Delta R.T. -0.00 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

Instrument :

BNA_F

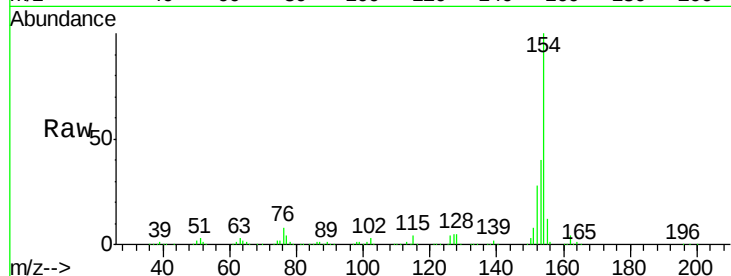
ClientSampleId :

BOTTOM-EAST-END-14BGLMSD

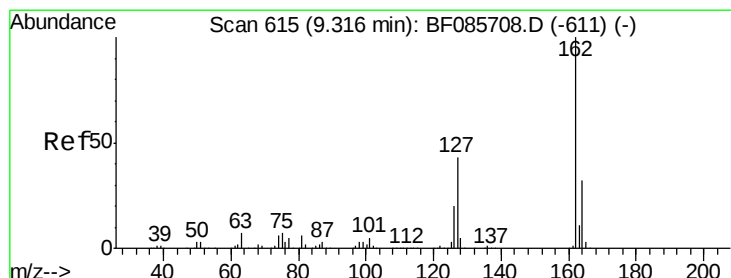
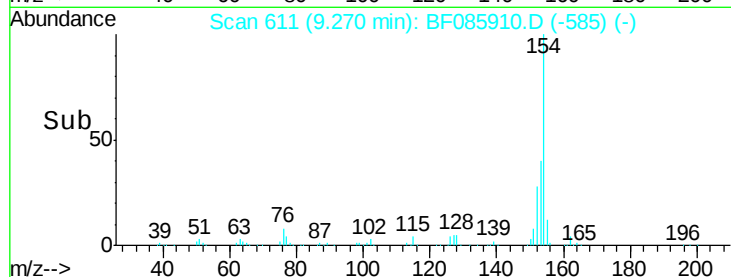
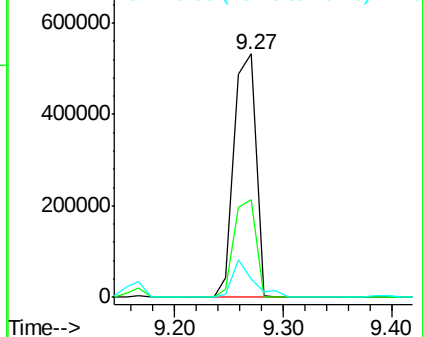
Tgt Ion:	154	Resp:	733539
Ion Ratio	Lower	Upper	
154	100		
153	40.0	20.8	60.8
76	7.7	0.0	36.7

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



#46

2-Chloronaphthalene

Concen: 50.44 ng

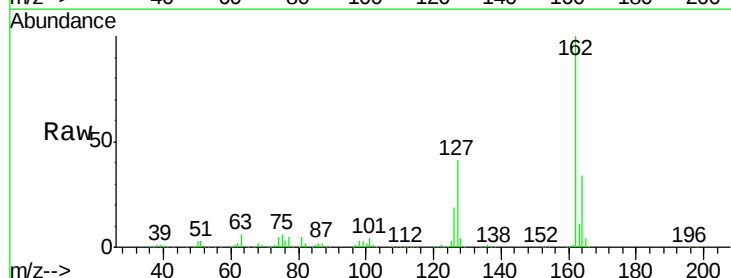
RT: 9.29 min Scan# 613

Delta R.T. -0.00 min

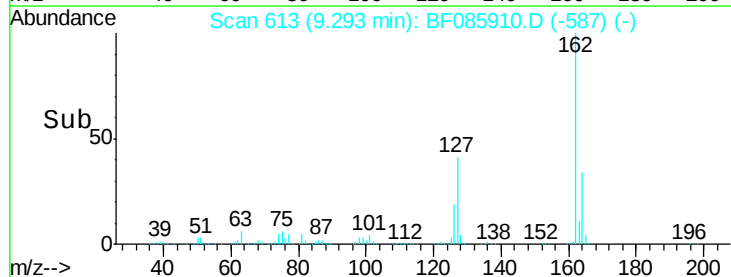
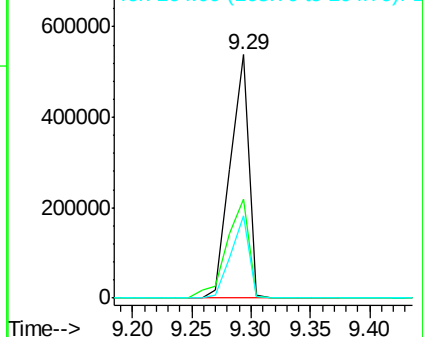
Lab File: BF085910.D

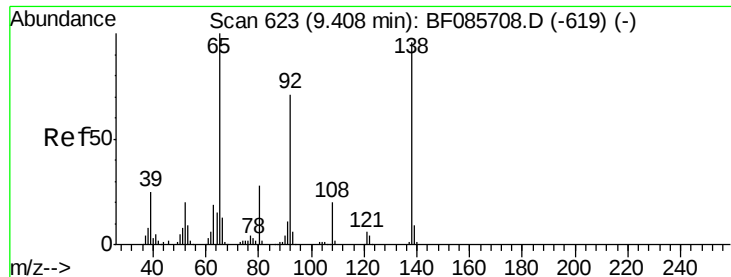
Acq: 31 Mar 2016 4:25

Tgt Ion:	162	Resp:	584399
Ion Ratio	Lower	Upper	
162	100		
127	40.7	31.7	47.5
164	33.7	27.3	40.9



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 52.25 ng

RT: 9.38 min Scan# 621

Delta R.T. -0.01 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

Instrument :

BNA_F

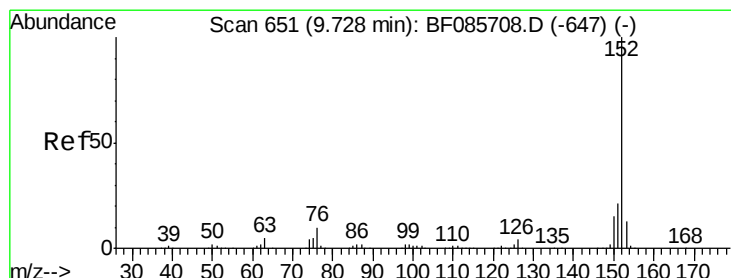
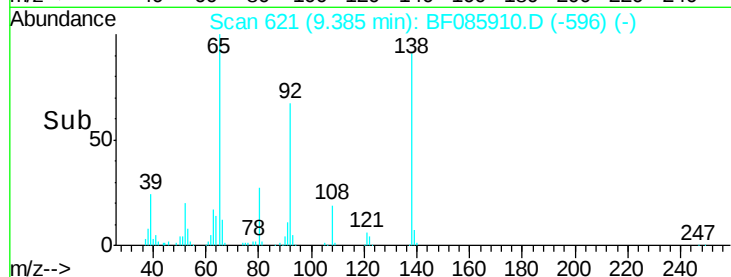
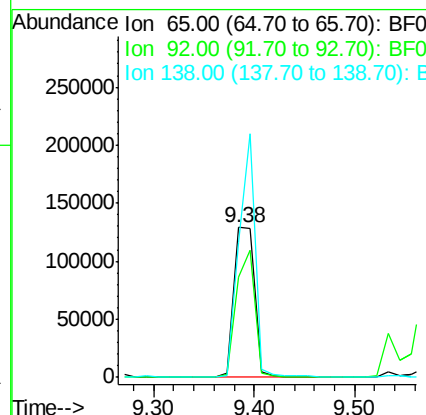
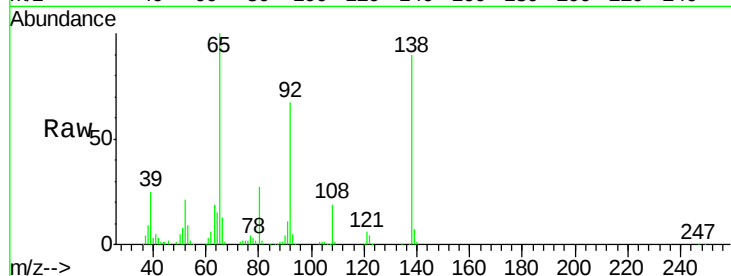
ClientSampleId :

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Tgt Ion:	65	Resp:	185104
Ion Ratio		Lower	Upper
65	100		
92	66.9	59.7	89.5
138	90.4	91.4	137.0#

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#48

Acenaphthylene

Concen: 49.03 ng

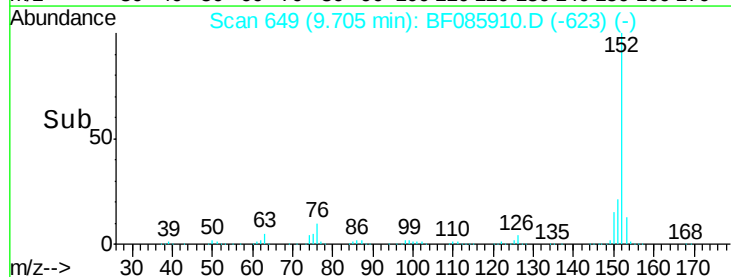
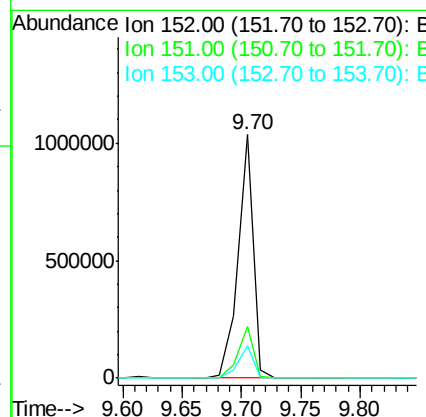
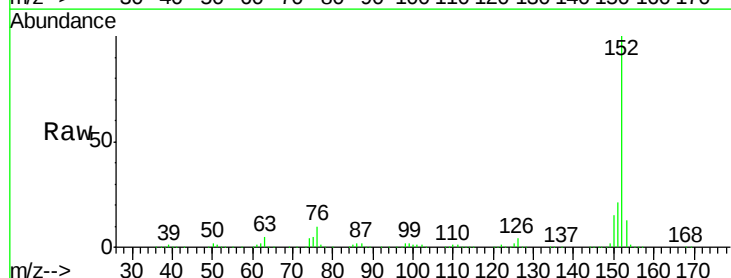
RT: 9.70 min Scan# 649

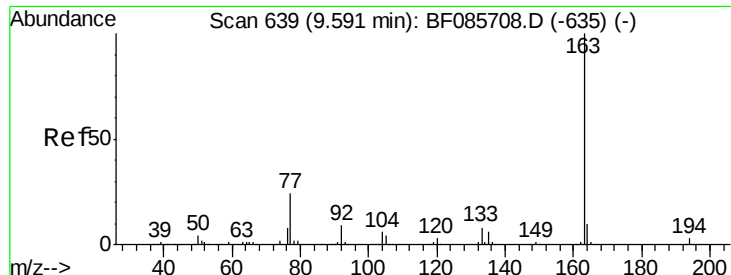
Delta R.T. -0.00 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

Tgt Ion:	152	Resp:	925636
Ion Ratio		Lower	Upper
152	100		
151	21.1	16.8	25.2
153	13.4	10.9	16.3





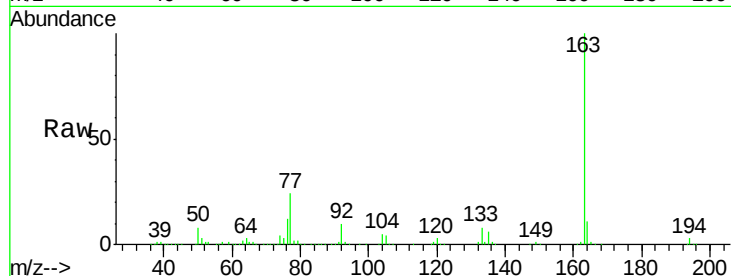
#49
Dimethylphthalate
Concen: 63.90 ng
RT: 9.57 min Scan# 637
Delta R.T. -0.00 min
Lab File: BF085910.D
Acq: 31 Mar 2016 4:25

Instrument :
BNA_F
ClientSampleId :
BOTTOM-EAST-END-14BGLMSD

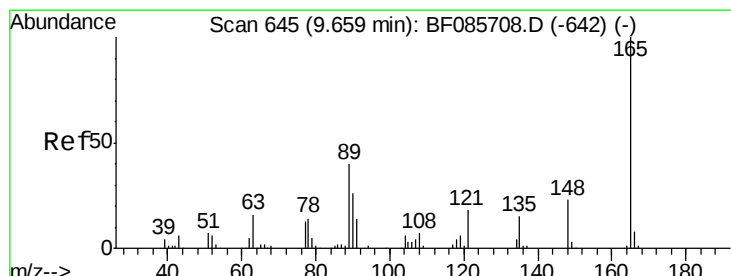
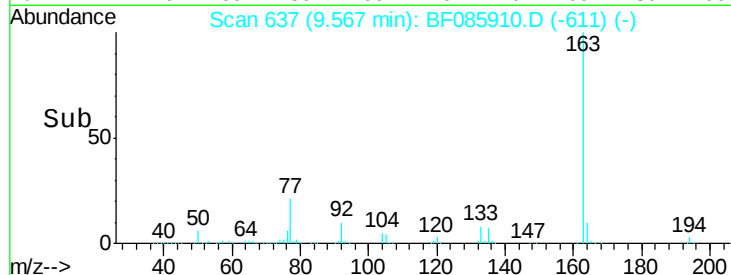
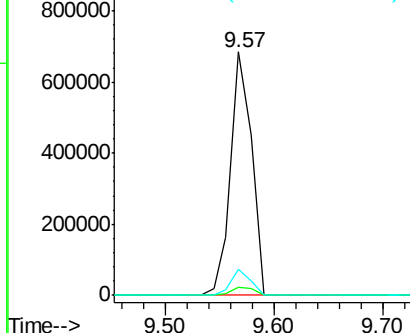
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.4	2.9	4.3
164	10.6	8.3	12.5

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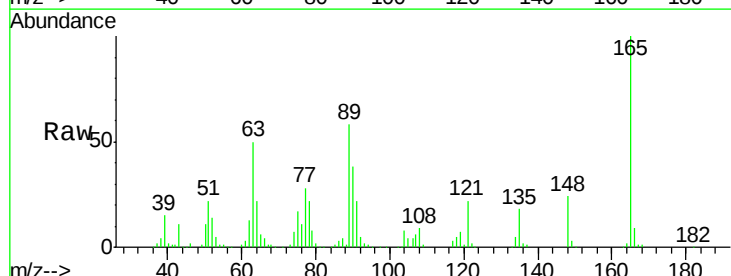


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

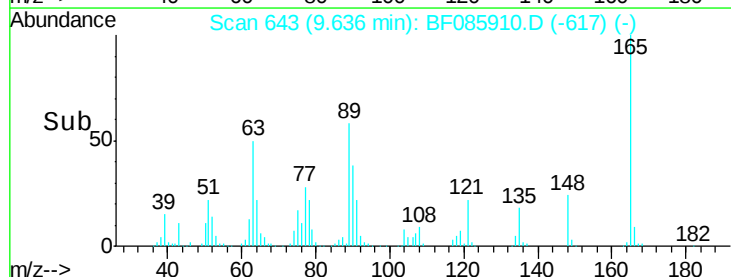
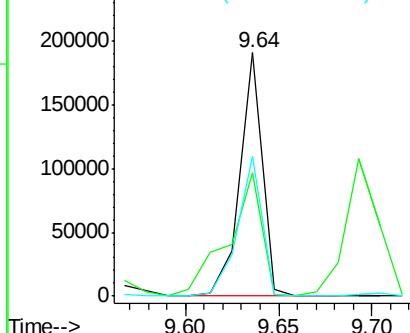


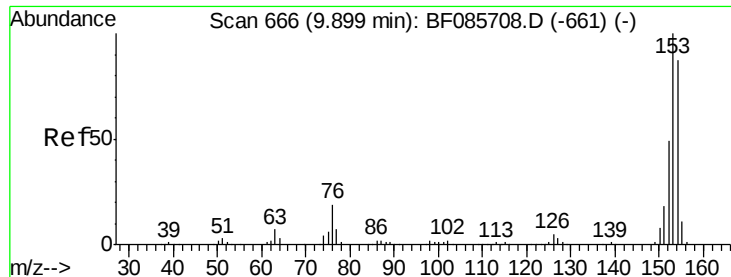
#50
2,6-Dinitrotoluene
Concen: 52.69 ng
RT: 9.64 min Scan# 643
Delta R.T. -0.00 min
Lab File: BF085910.D
Acq: 31 Mar 2016 4:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	50.4	51.8	77.8#
89	57.6	53.7	80.5



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





#51

Acenaphthene

Concen: 46.12 ng

RT: 9.88 min Scan# 664

Delta R.T. -0.00 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

Instrument :

BNA_F

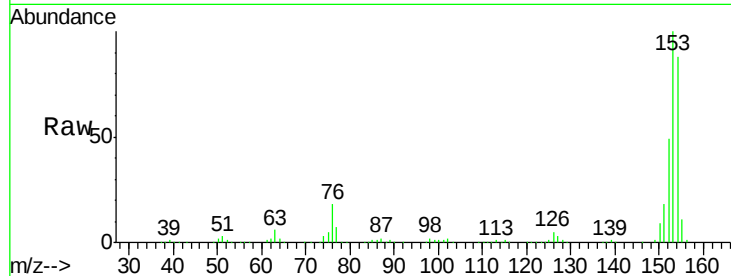
ClientSampleId :

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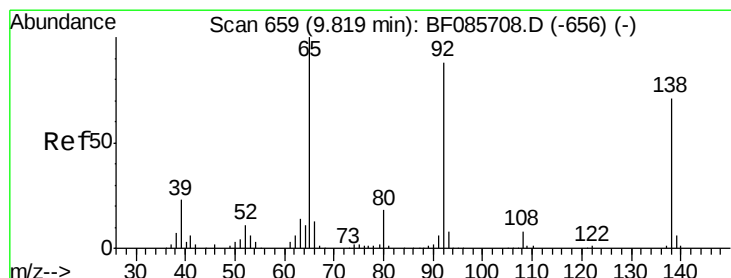
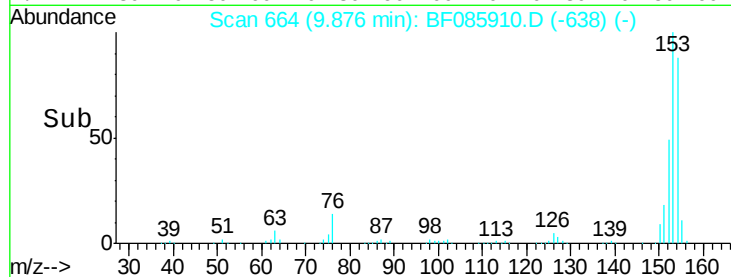
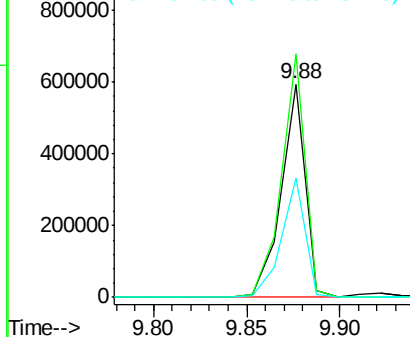
Tgt Ion:	154	Resp:	531774
Ion Ratio	Lower	Upper	
154	100		
153	114.2	90.1	135.1
152	56.1	44.2	66.2

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3/31/2016 4:52:49 PM



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



#52

3-Nitroaniline

Concen: 35.24 ng

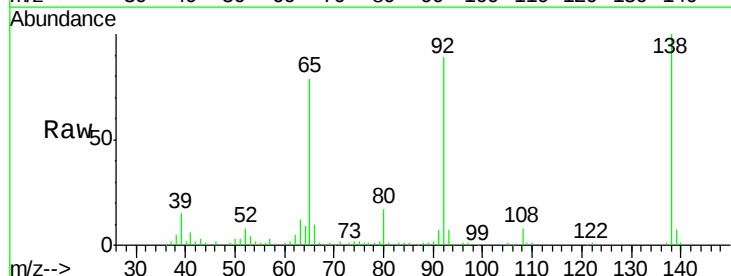
RT: 9.81 min Scan# 658

Delta R.T. -0.00 min

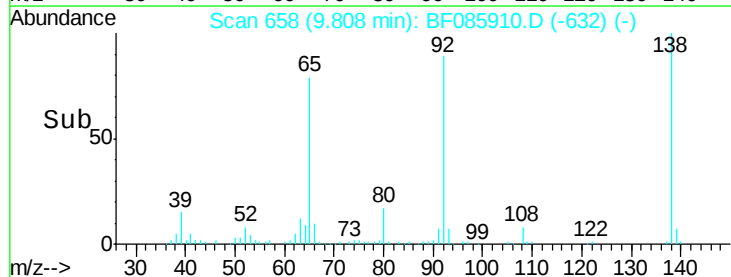
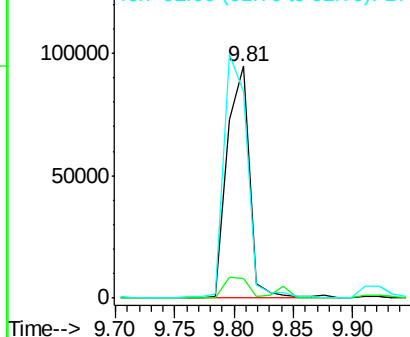
Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

Tgt Ion:	138	Resp:	122993
Ion Ratio	Lower	Upper	
138	100		
108	8.5	8.7	13.1#
92	88.9	93.3	139.9#



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





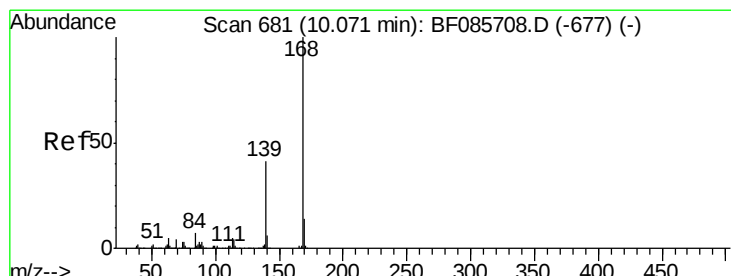
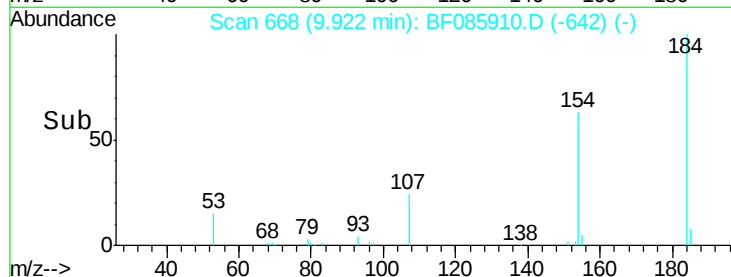
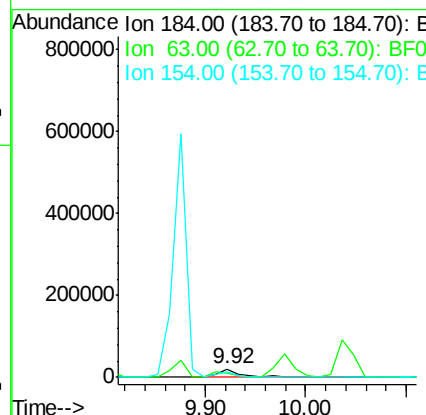
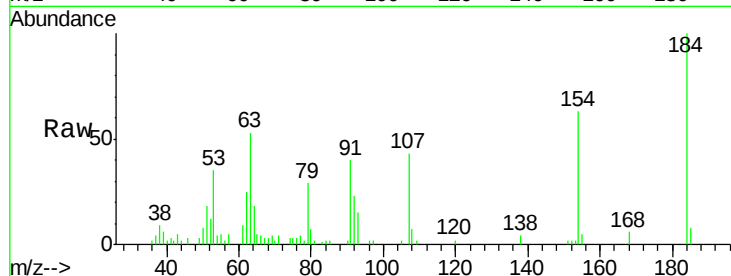
#53
 2,4-Dinitrophenol
 Concen: 25.48 ng
 RT: 9.92 min Scan# 668
 Delta R.T. -0.00 min
 Lab File: BF085910.D
 Acq: 31 Mar 2016 4:25

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-EAST-END-14BGLMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
184	100		
63	52.9	69.5	104.3#
154	62.7	58.3	87.5

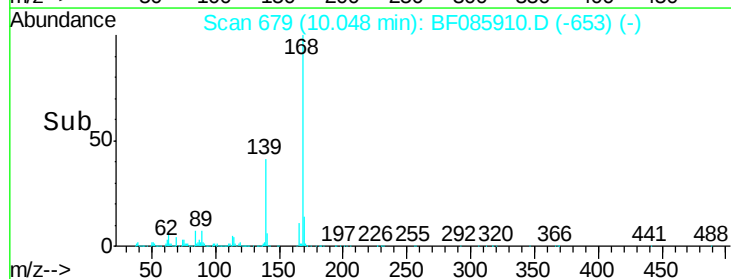
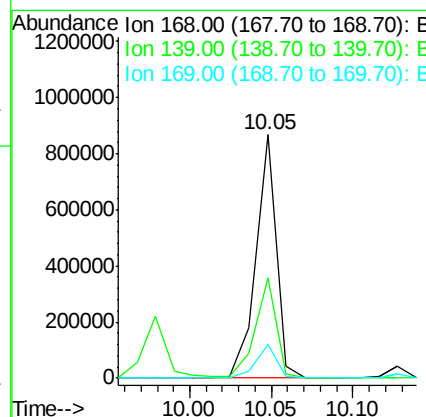
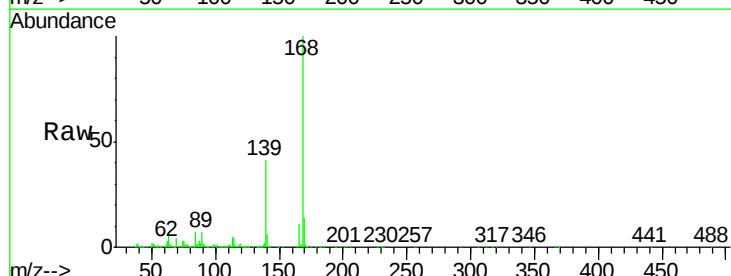
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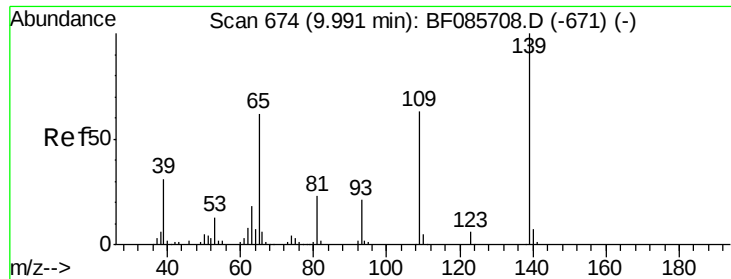
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#54
 Dibenzofuran
 Concen: 50.50 ng
 RT: 10.05 min Scan# 679
 Delta R.T. -0.00 min
 Lab File: BF085910.D
 Acq: 31 Mar 2016 4:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
168	100		
139	41.2	31.9	47.9
169	13.6	11.0	16.6





#55

4-Nitrophenol

Concen: 95.86 ng

RT: 9.98 min Scan# 673

Delta R.T. -0.00 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

Instrument :

BNA_F

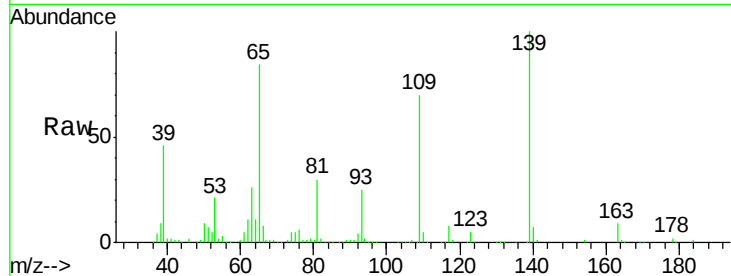
ClientSampleId :

BOTTOM-EAST-END-14BGLMSD

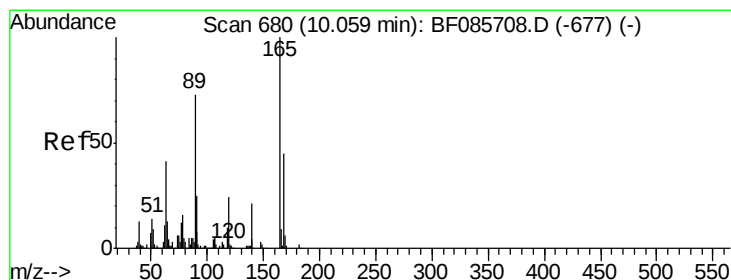
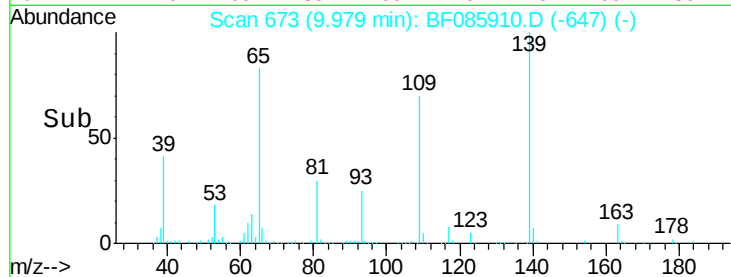
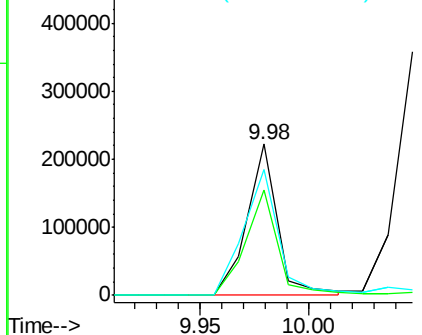
Tgt Ion:	139	Resp:	217967
Ion Ratio	Lower	Upper	
139	100		
109	69.7	49.2	89.2
65	83.6	66.9	106.9

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3/31/2016 4:52:49 PM



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: 45.88 ng

RT: 10.04 min Scan# 678

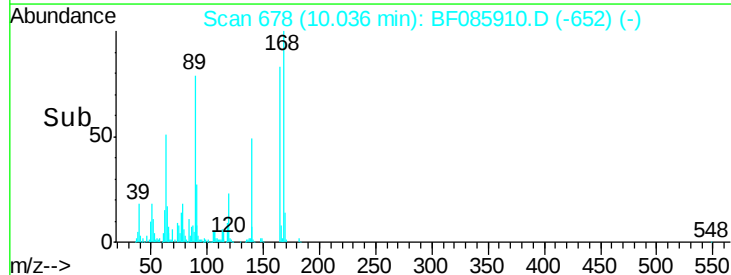
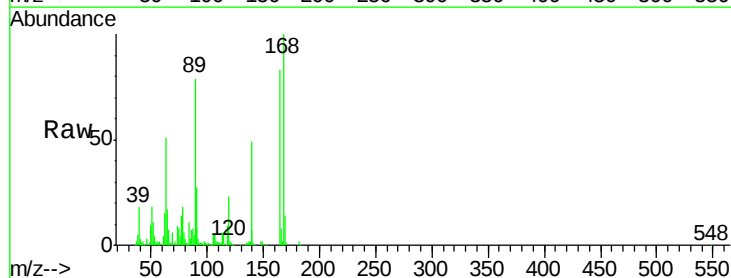
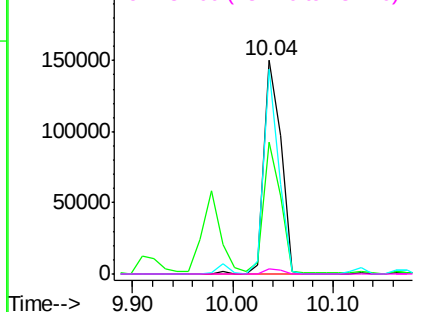
Delta R.T. -0.00 min

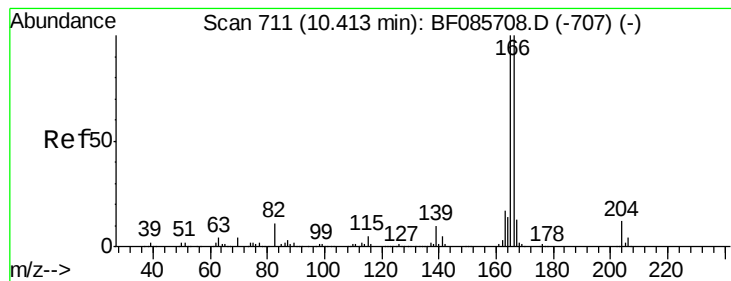
Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

Tgt Ion:	165	Resp:	177816
Ion Ratio	Lower	Upper	
165	100		
63	61.7	24.9	37.3#
89	95.7	41.0	61.6#
182	2.4	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: 48.18 ng

RT: 10.39 min Scan# 709

Delta R.T. -0.00 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

Instrument :

BNA_F

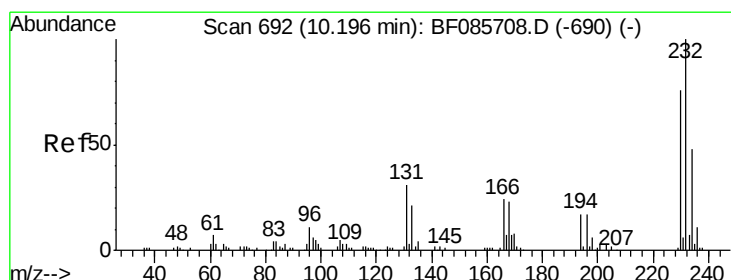
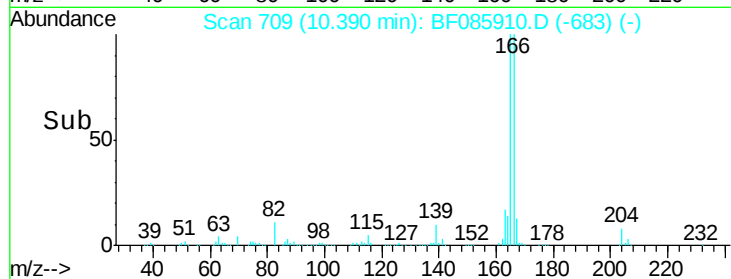
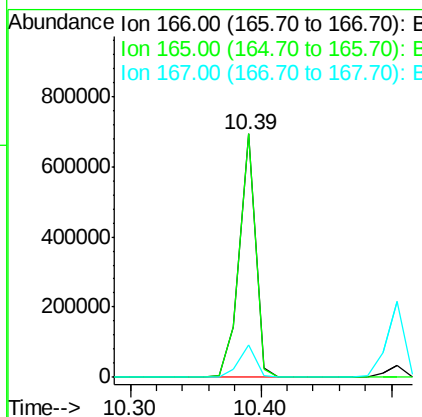
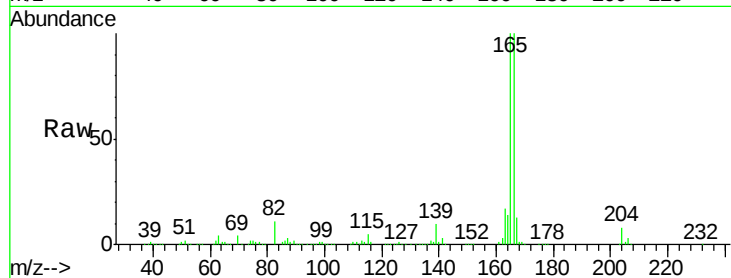
ClientSampleId :

BOTTOM-EAST-END-14BGLMSD

Tgt Ion:	166	Resp:	597717
Ion Ratio	Lower	Upper	
166	100		
165	100.1	79.4	119.0
167	13.3	11.0	16.4

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3/31/2016 4:52:49 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 54.57 ng

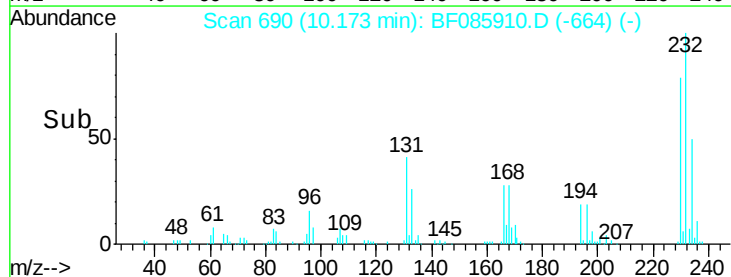
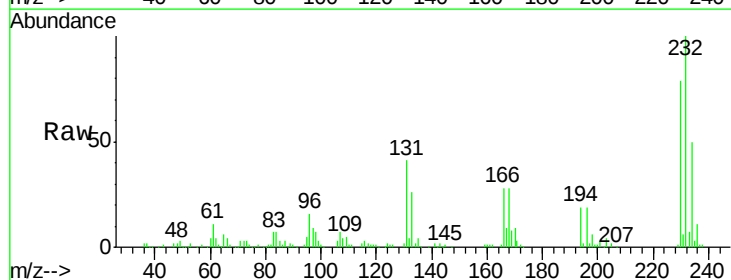
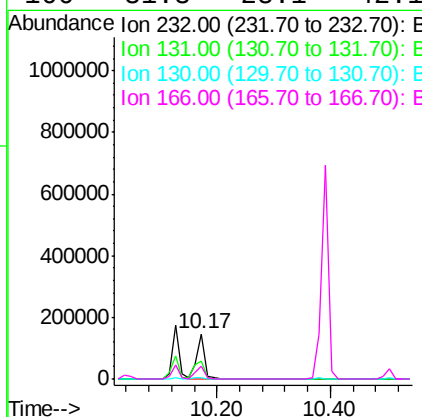
RT: 10.17 min Scan# 690

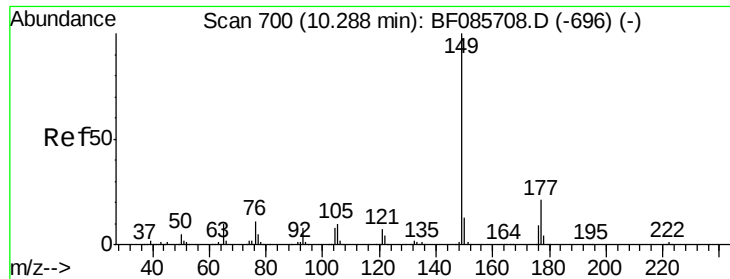
Delta R.T. -0.00 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

Tgt Ion:	232	Resp:	148740
Ion Ratio	Lower	Upper	
232	100		
131	52.6	44.9	67.3
130	2.5	2.3	3.5
166	31.3	28.1	42.1





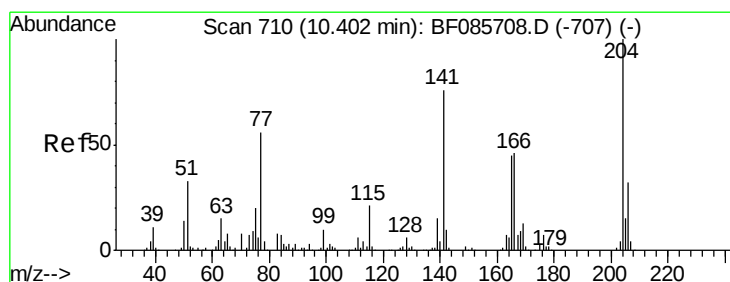
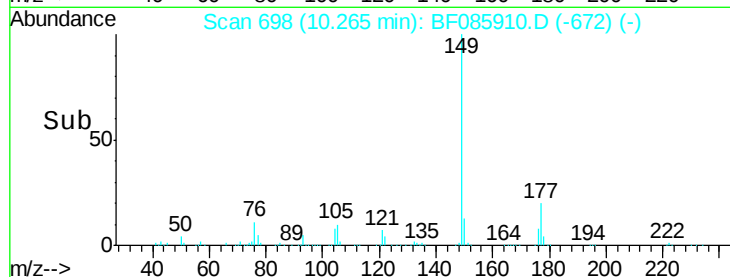
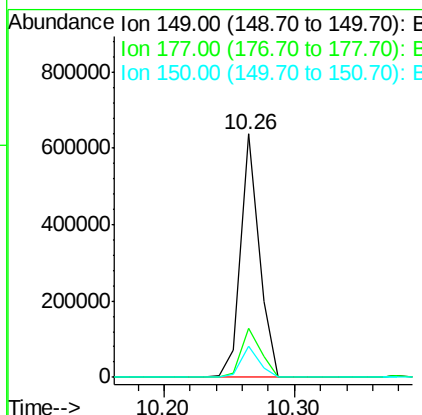
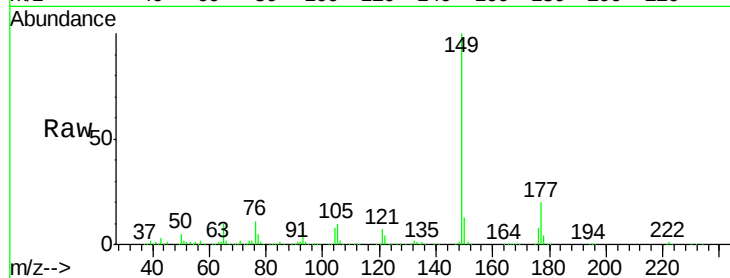
#59
Diethylphthalate
Concen: 44.87 ng
RT: 10.26 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF085910.D
Acq: 31 Mar 2016 4:25

Instrument :
BNA_F
ClientSampleId :
BOTTOM-EAST-END-14BGLMSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	627952		
177	20.3	17.9	26.9	
150	12.9	10.2	15.2	

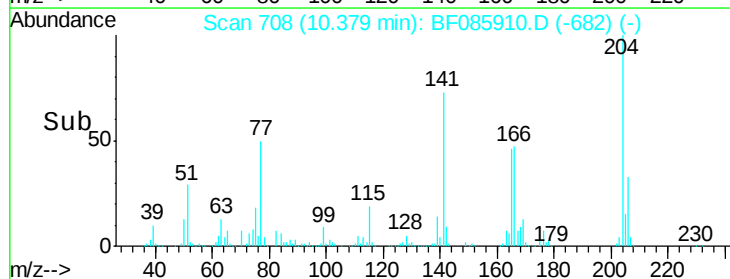
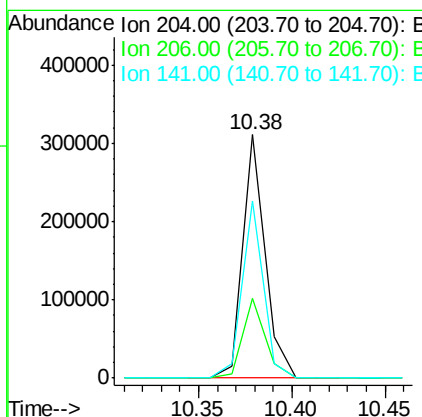
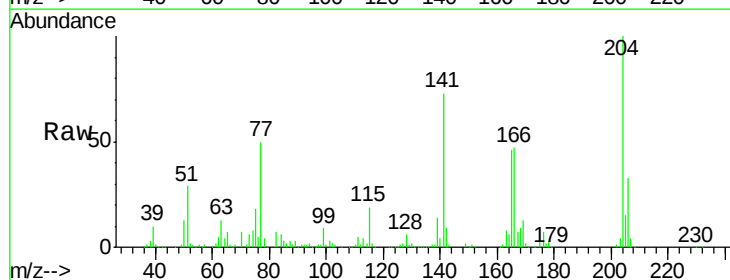
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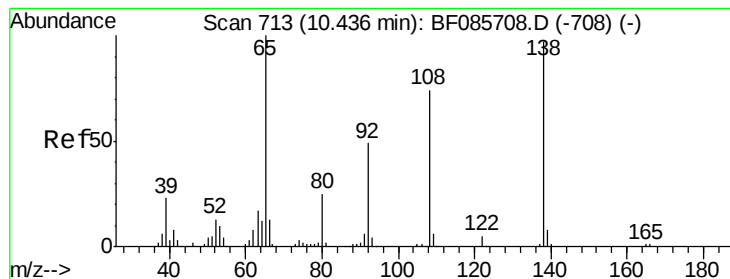
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#60
4-Chlorophenyl-phenylether
Concen: 42.93 ng
RT: 10.38 min Scan# 708
Delta R.T. -0.00 min
Lab File: BF085910.D
Acq: 31 Mar 2016 4:25

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	260418		
206	32.8	26.6	39.8	
141	72.9	57.4	86.0	





#61

4-Nitroaniline

Concen: 42.27 ng

RT: 10.41 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

Instrument :

BNA_F

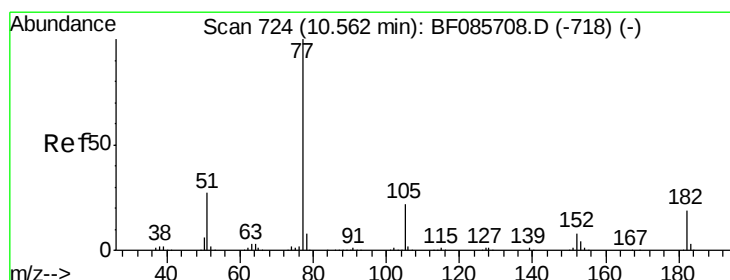
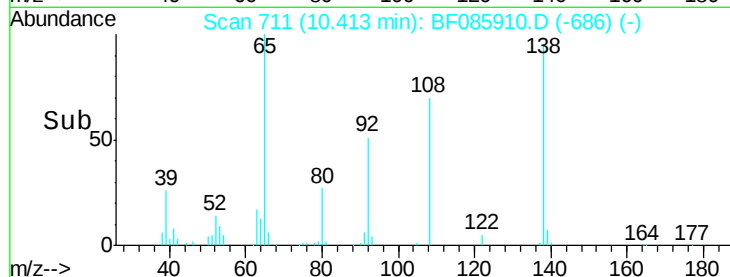
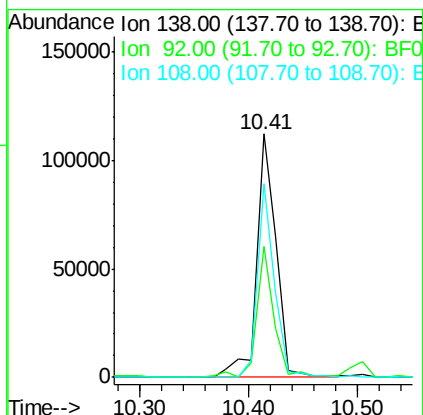
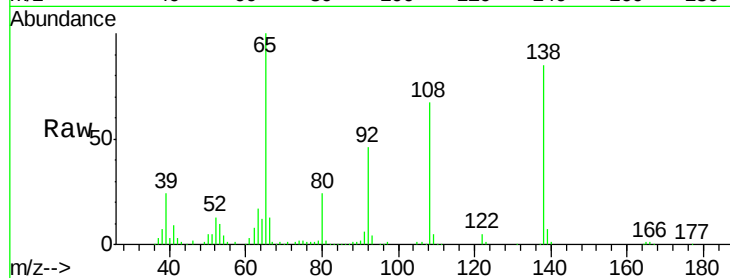
ClientSampleId :

BOTTOM-EAST-END-14BGLMSD

Tgt Ion:	138	Resp:	141100
Ion Ratio	Lower	Upper	
138	100		
92	53.9	26.4	66.4
108	79.6	49.0	89.0

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#62

Azobenzene

Concen: 50.89 ng

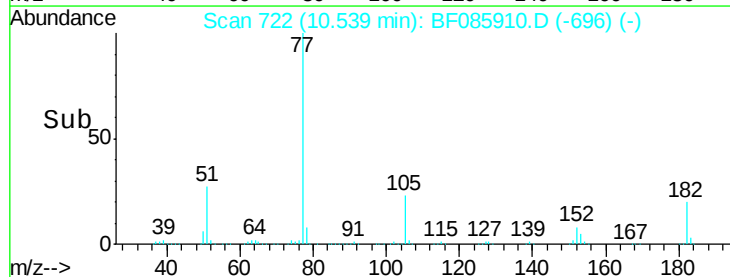
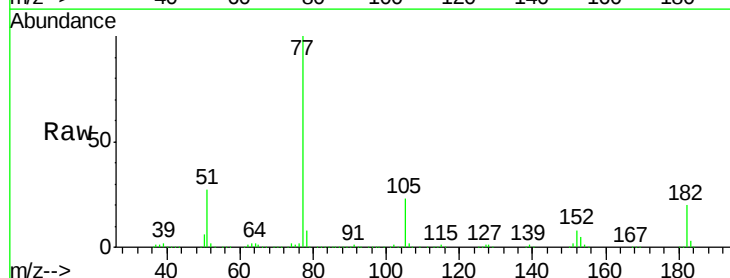
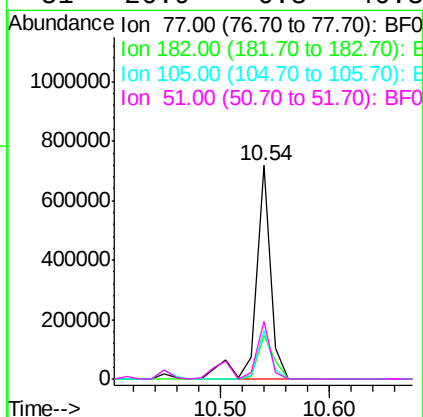
RT: 10.54 min Scan# 722

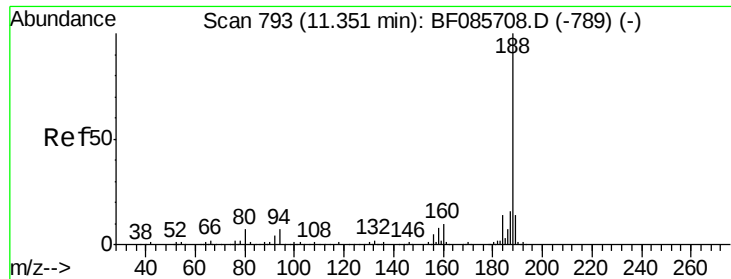
Delta R.T. -0.00 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

Tgt Ion:	77	Resp:	684494
Ion Ratio	Lower	Upper	
77	100		
182	20.2	1.9	41.9
105	22.8	3.5	43.5
51	26.9	6.3	46.3





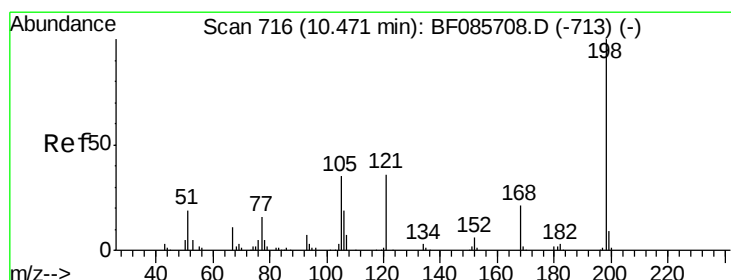
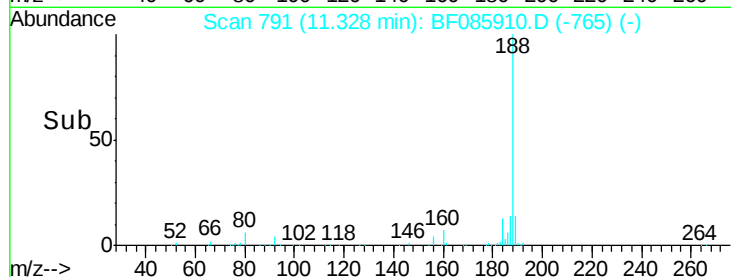
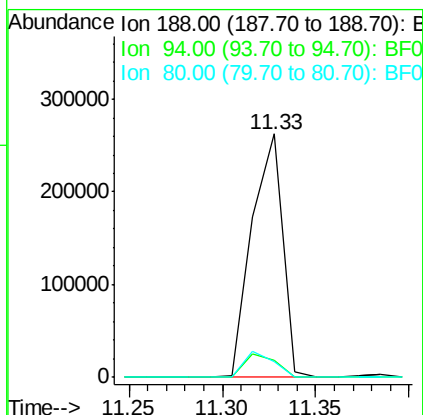
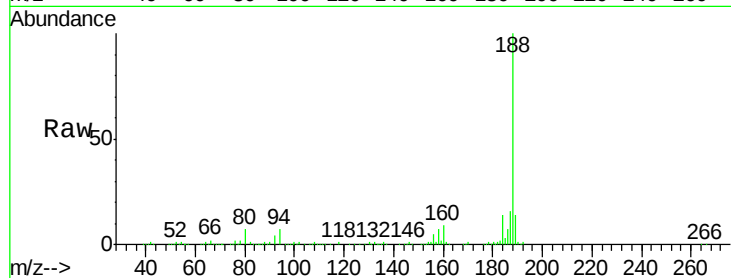
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF085910.D
Acq: 31 Mar 2016 4:25

Instrument :
BNA_F
ClientSampleId :
BOTTOM-EAST-END-14BGLMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	6.8	5.4	8.0
80	6.5	5.5	8.3

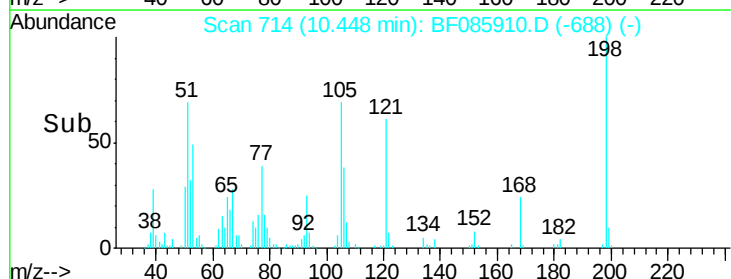
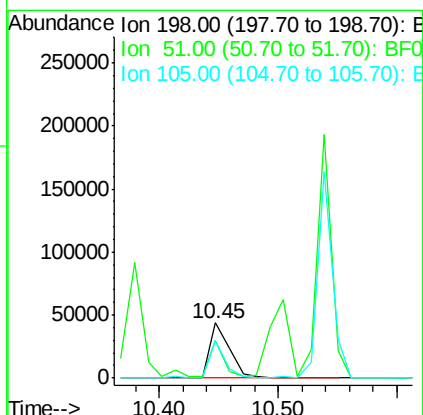
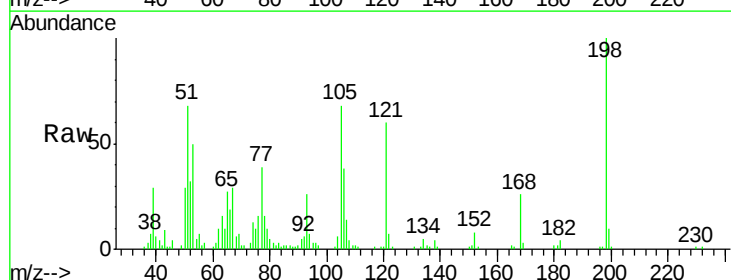
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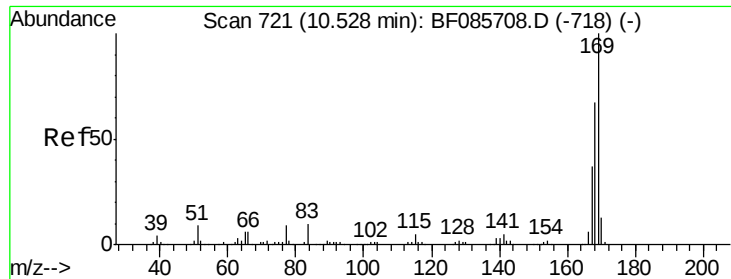
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#64
4,6-Dinitro-2-methylphenol
Concen: 28.19 ng
RT: 10.45 min Scan# 714
Delta R.T. -0.00 min
Lab File: BF085910.D
Acq: 31 Mar 2016 4:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	68.1	45.4	85.4
105	68.4	45.9	85.9





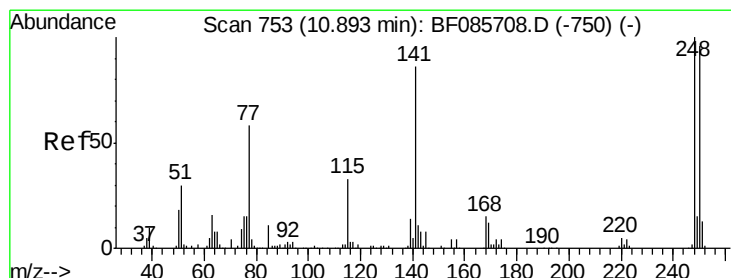
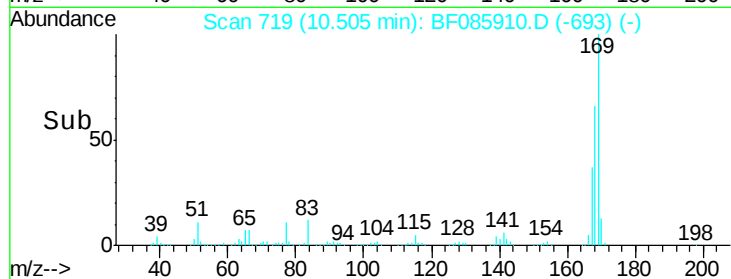
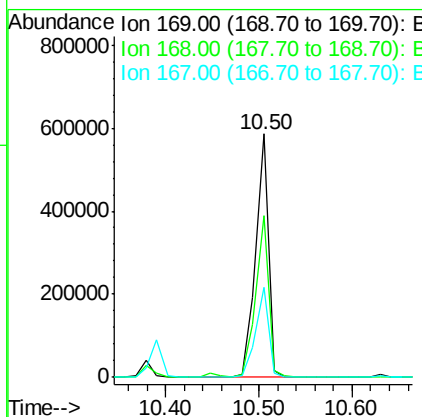
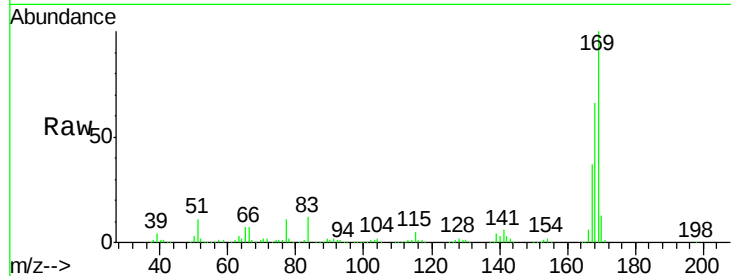
#65
 n-Nitrosodiphenylamine
 Concen: 57.28 ng
 RT: 10.50 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: BF085910.D
 Acq: 31 Mar 2016 4:25

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-EAST-END-14BGLMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
169	100		
168	66.4	54.4	81.6
167	37.0	29.4	44.0

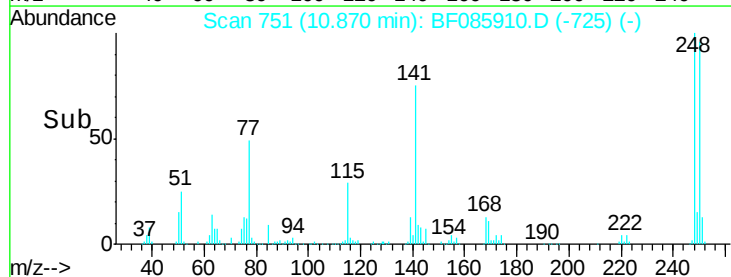
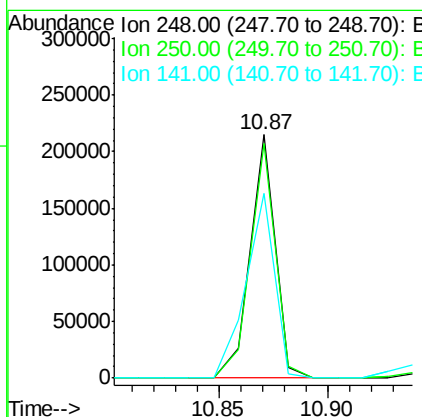
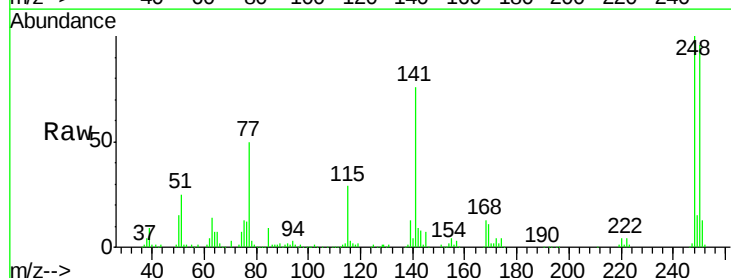
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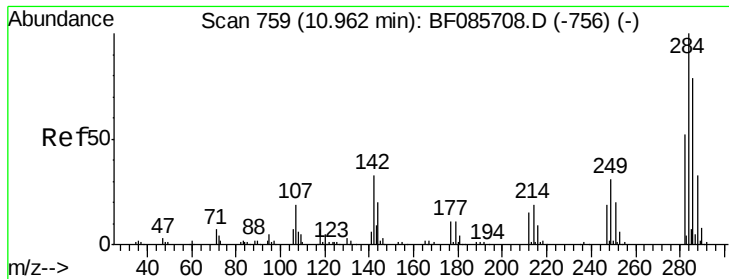
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#66
 4-Bromophenyl-phenylether
 Concen: 55.35 ng
 RT: 10.87 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF085910.D
 Acq: 31 Mar 2016 4:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
248	100		
250	96.2	77.4	116.0
141	75.6	63.6	95.4





#67

Hexachlorobenzene

Concen: 53.54 ng

RT: 10.94 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

Instrument :

BNA_F

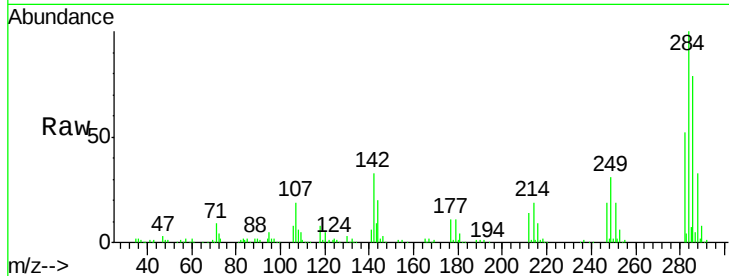
ClientSampleId :

BOTTOM-EAST-END-14BGLMSD

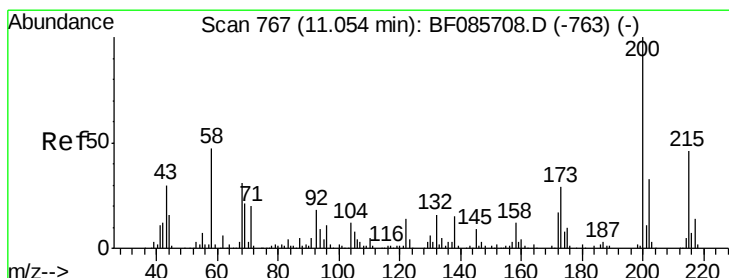
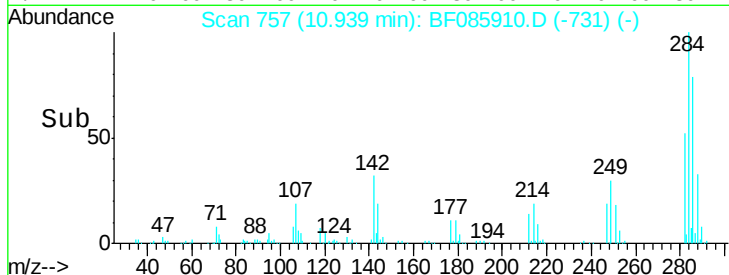
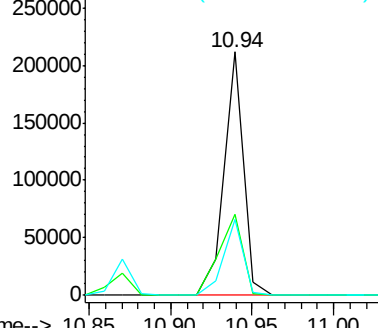
Tgt Ion:	284	Resp:	174857
Ion Ratio	Lower	Upper	
284	100		
142	33.0	23.1	34.7
249	31.0	24.2	36.2

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



#68

Atrazine

Concen: 49.84 ng

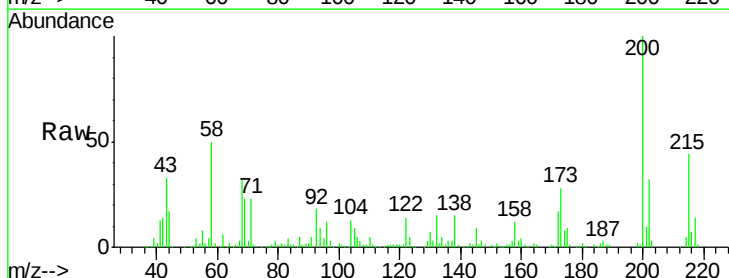
RT: 11.03 min Scan# 765

Delta R.T. -0.00 min

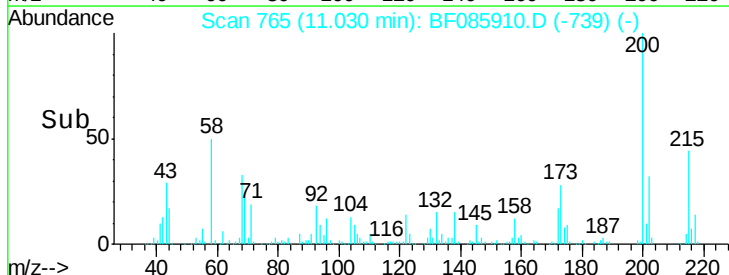
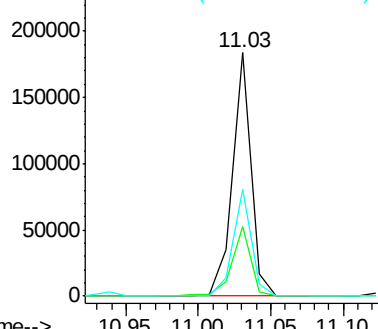
Lab File: BF085910.D

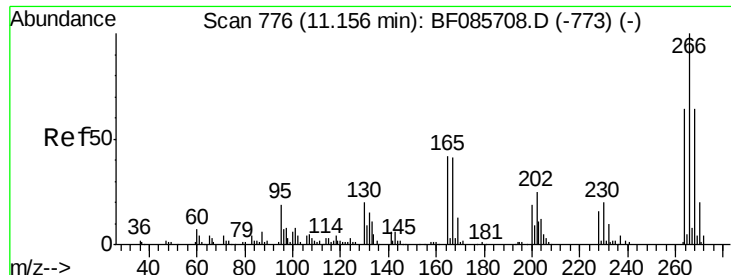
Acq: 31 Mar 2016 4:25

Tgt Ion:	200	Resp:	162686
Ion Ratio	Lower	Upper	
200	100		
173	28.4	7.7	47.7
215	44.1	25.4	65.4



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





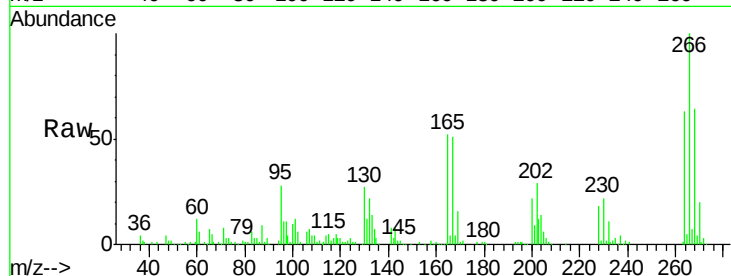
#69
 Pentachlorophenol
 Concen: 94.30 ng
 RT: 11.13 min Scan# 774
 Delta R.T. -0.00 min
 Lab File: BF085910.D
 Acq: 31 Mar 2016 4:25

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-EAST-END-14BGLMSD

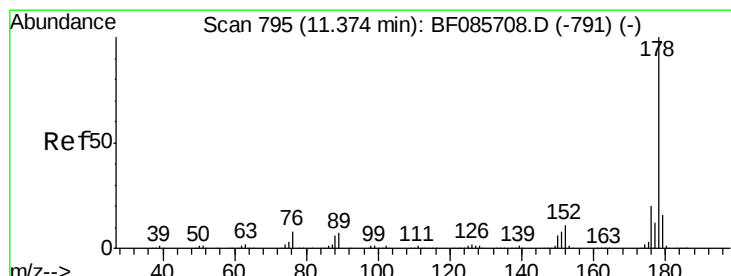
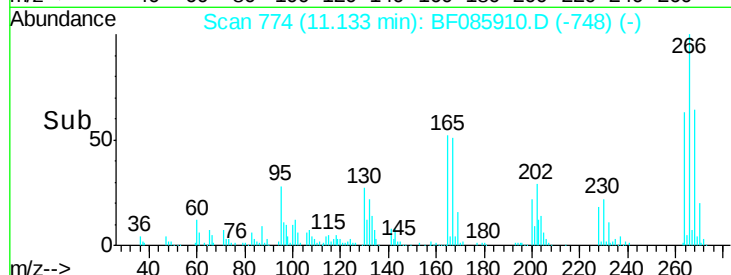
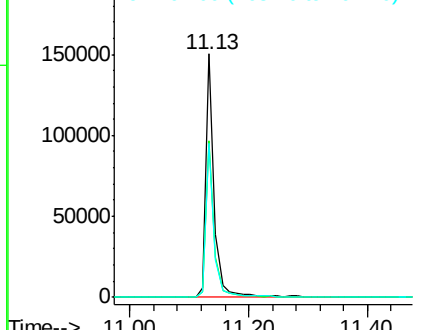
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	151203		
268	64.3	51.5	77.3	
264	63.3	50.6	76.0	

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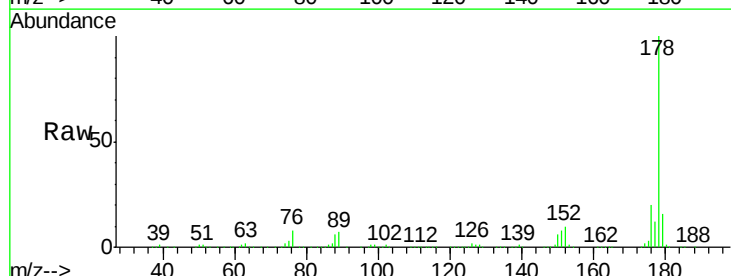


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

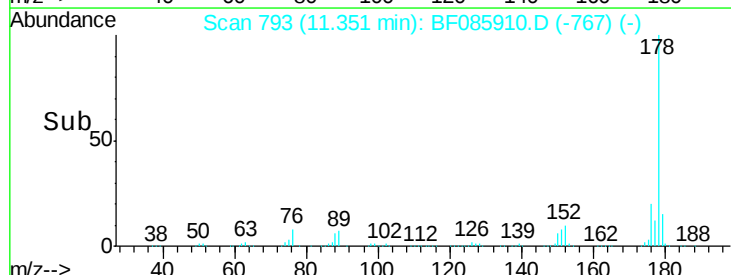
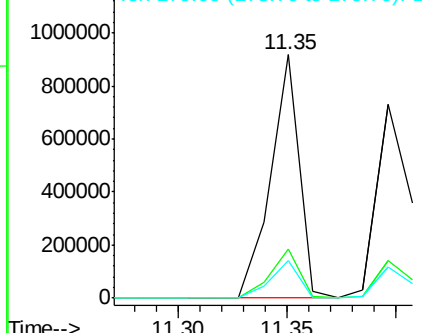


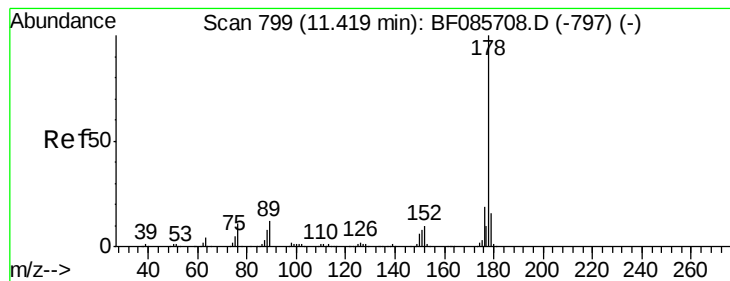
#70
 Phenanthrene
 Concen: 54.13 ng
 RT: 11.35 min Scan# 793
 Delta R.T. -0.00 min
 Lab File: BF085910.D
 Acq: 31 Mar 2016 4:25

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	848370		
176	20.2	16.3	24.5	
179	15.6	12.6	18.8	



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





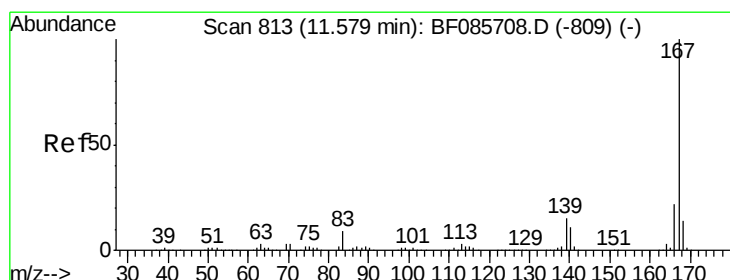
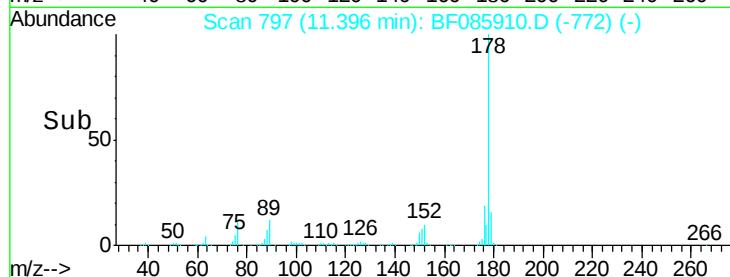
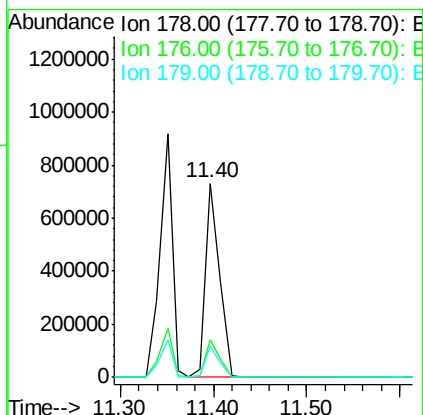
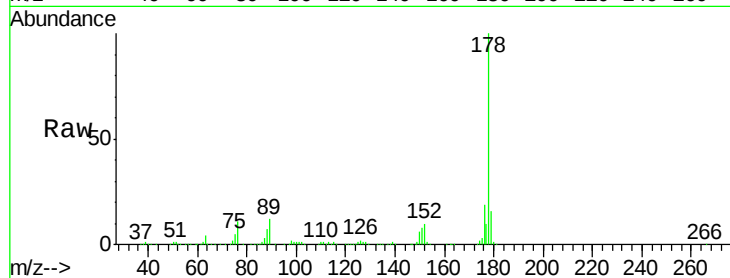
#71
 Anthracene
 Concen: 47.23 ng
 RT: 11.40 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF085910.D
 Acq: 31 Mar 2016 4:25

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-EAST-END-14BGLMSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.9	23.9
179	16.0	13.0	19.4

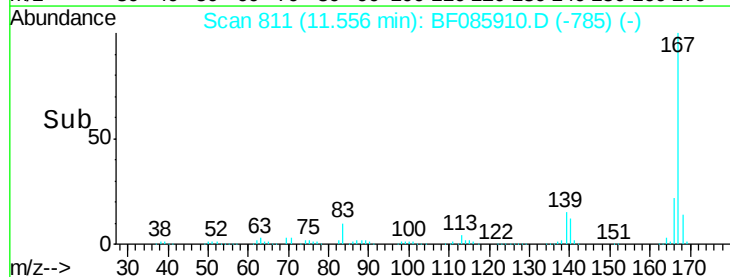
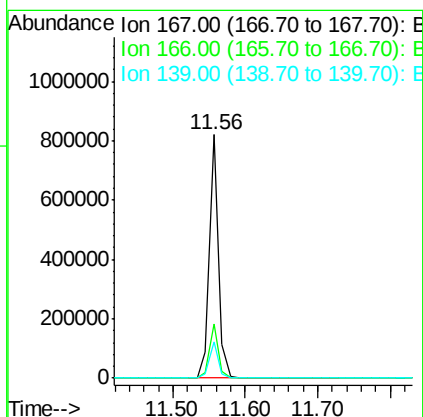
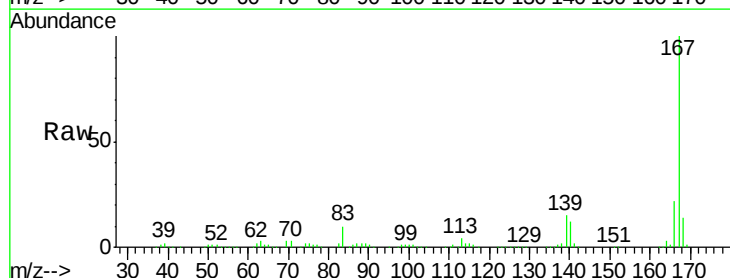
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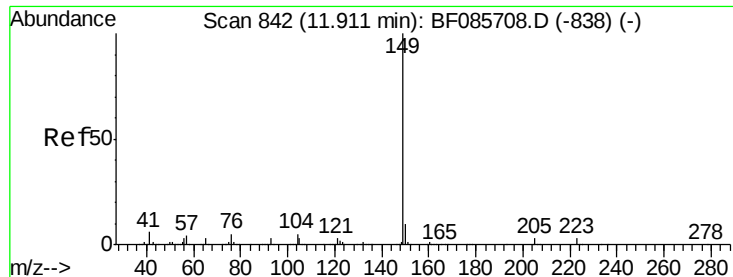
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#72
 Carbazole
 Concen: 51.67 ng
 RT: 11.56 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF085910.D
 Acq: 31 Mar 2016 4:25

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.8	26.8
139	15.1	11.6	17.4





#73

Di-n-butylphthalate

Concen: 51.86 ng

RT: 11.89 min Scan# 840

Delta R.T. -0.00 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

Instrument :

BNA_F

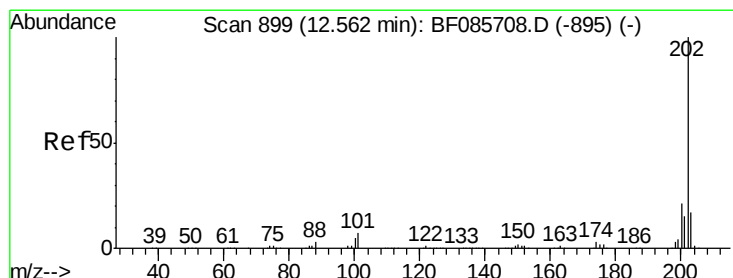
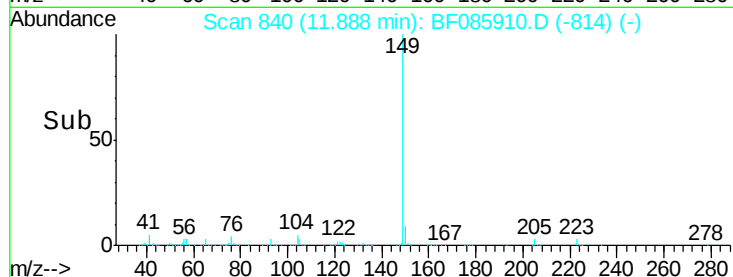
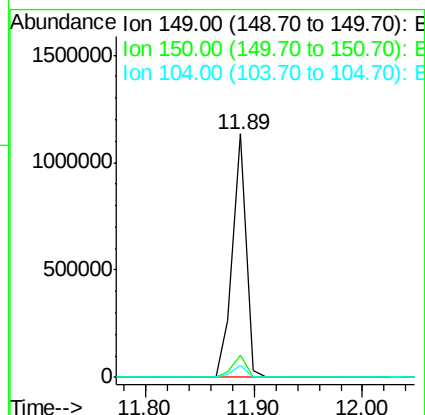
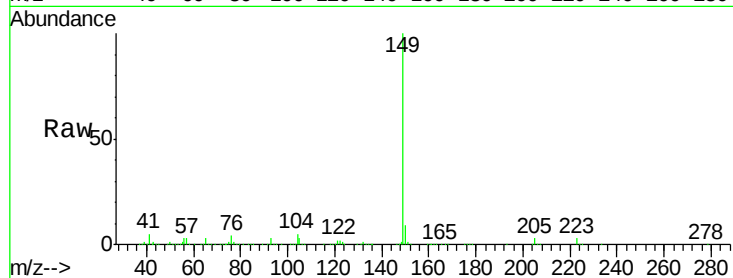
ClientSampleId :

BOTTOM-EAST-END-14BGLMSD

Tgt Ion:	149	Resp:	983105
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.6	11.4
104	4.8	3.8	5.8

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#74

Fluoranthene

Concen: 41.54 ng

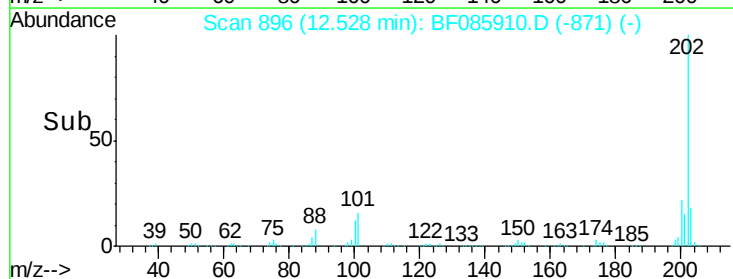
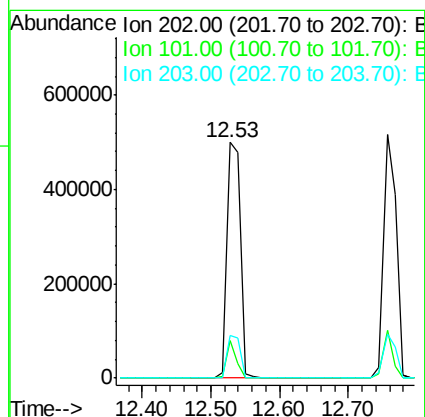
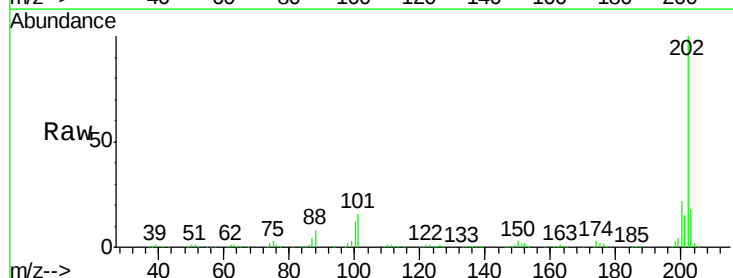
RT: 12.53 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

Tgt Ion:	202	Resp:	692058
Ion Ratio	Lower	Upper	
202	100		
101	16.0	0.0	36.6
203	18.1	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: BF085910.D

Acq: 31 Mar 2016 4:25

Instrument :

BNA_F

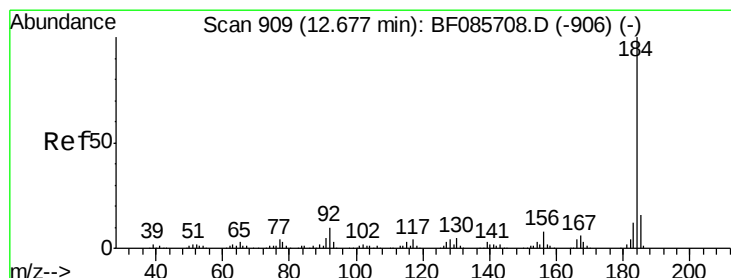
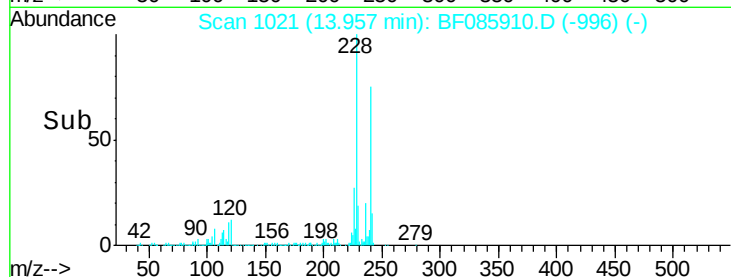
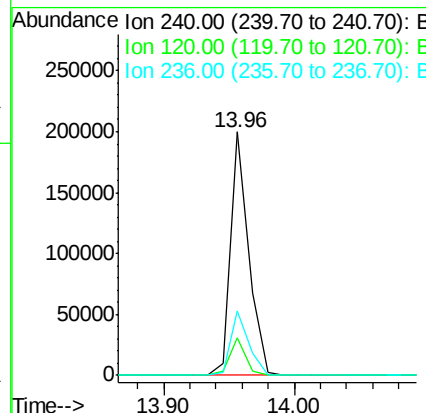
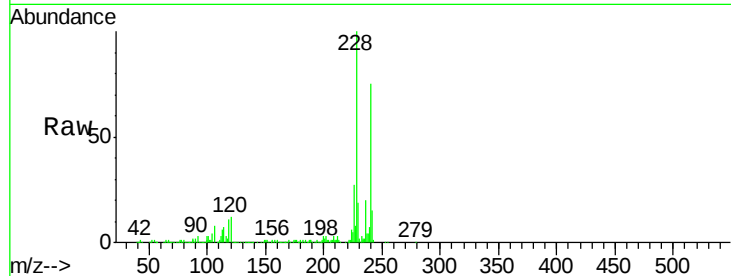
ClientSampleId :

BOTTOM-EAST-END-14BGLMSD

Tgt Ion:	240	Resp:	193119
Ion Ratio		Lower	Upper
240	100		
120	15.6	13.8	20.8
236	26.3	20.6	30.8

Manual Integrations
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#76

Benzidine

Concen: 42.47 ng

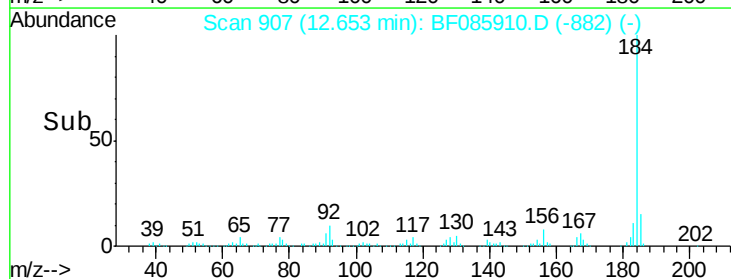
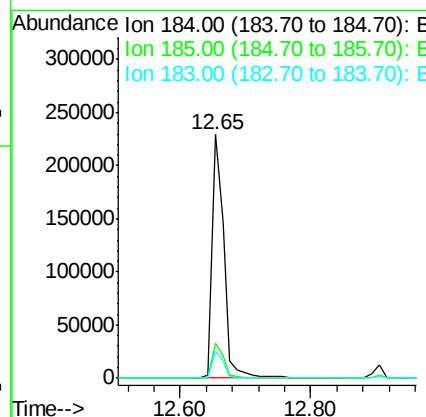
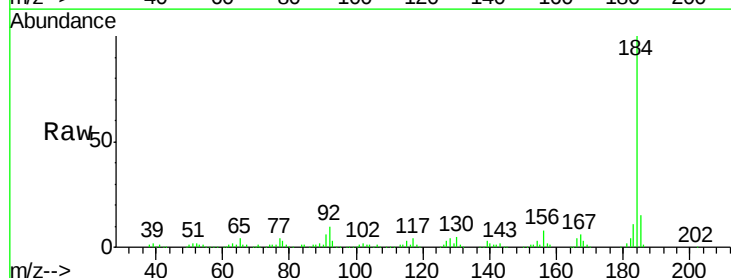
RT: 12.65 min Scan# 907

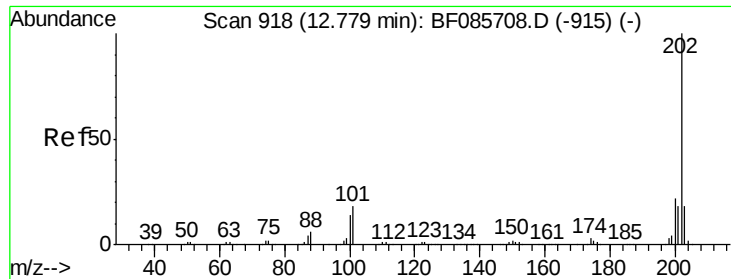
Delta R.T. -0.01 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

Tgt Ion:	184	Resp:	288829
Ion Ratio		Lower	Upper
184	100		
185	14.6	12.4	18.6
183	11.0	9.4	14.2





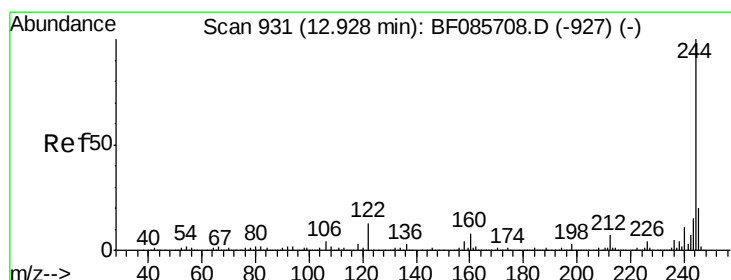
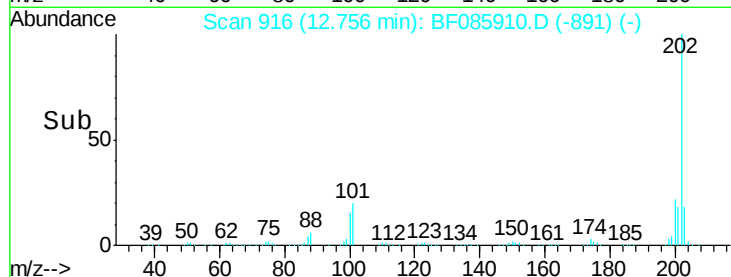
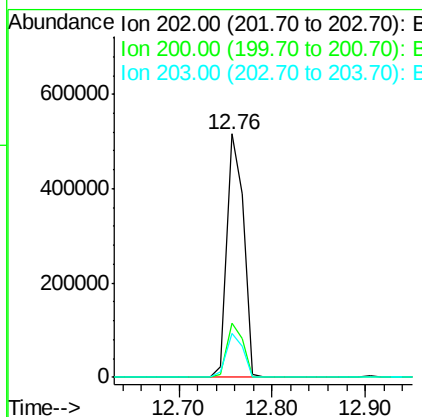
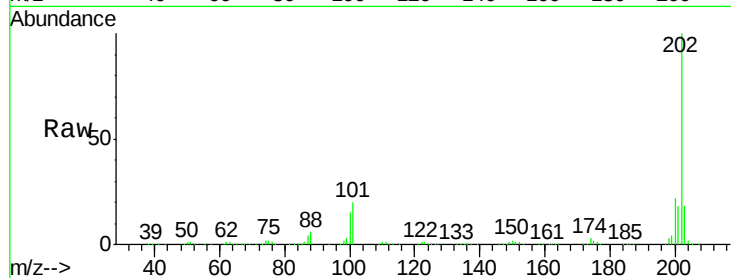
#77
 Pyrene
 Concen: 40.62 ng
 RT: 12.76 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: BF085910.D
 Acq: 31 Mar 2016 4:25

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-EAST-END-14BGLMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	22.4	17.6	26.4
203	17.9	14.0	21.0

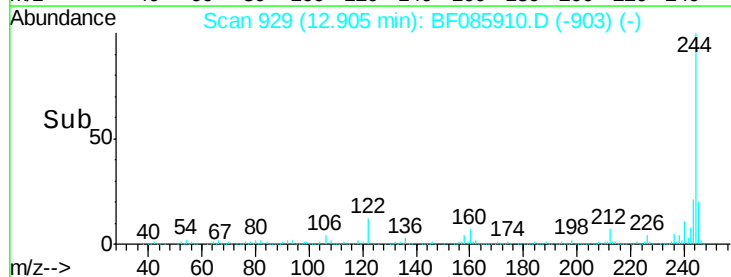
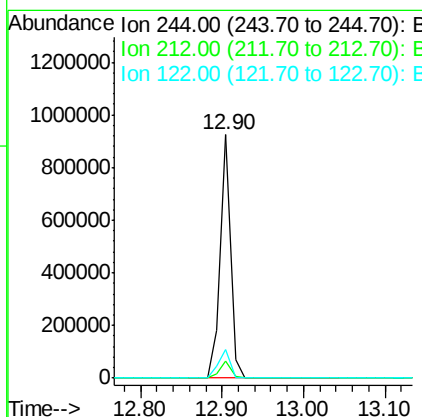
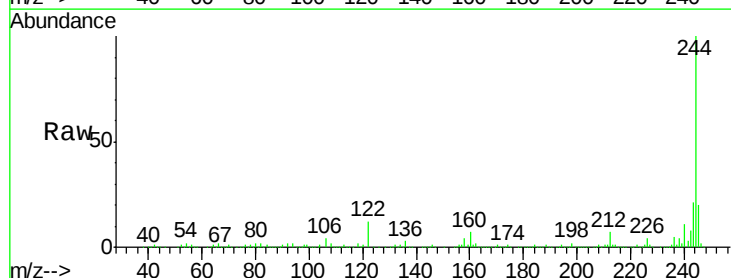
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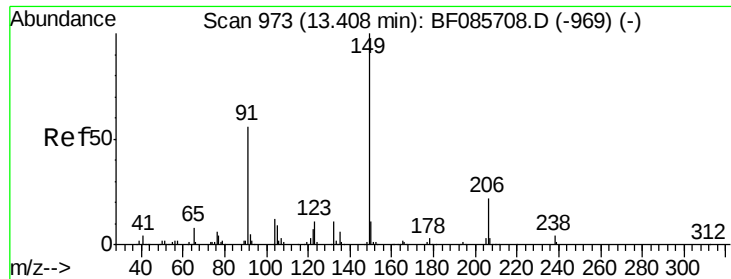
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#78
 Terphenyl-d14
 Concen: 86.69 ng
 RT: 12.90 min Scan# 929
 Delta R.T. -0.00 min
 Lab File: BF085910.D
 Acq: 31 Mar 2016 4:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.1	6.1	9.1
122	11.9	10.2	15.4





#79

Butylbenzylphthalate

Concen: 49.43 ng

RT: 13.37 min Scan# 970

Delta R.T. -0.01 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

Instrument :

BNA_F

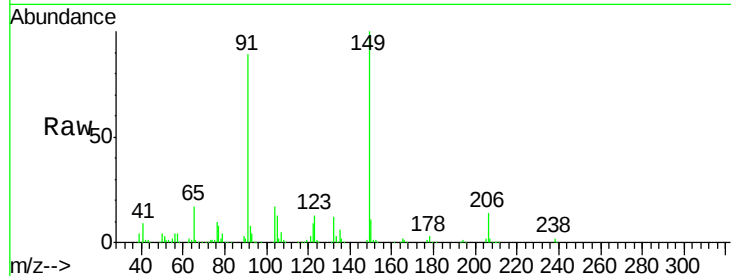
ClientSampleId :

BOTTOM-EAST-END-14BGLMSD

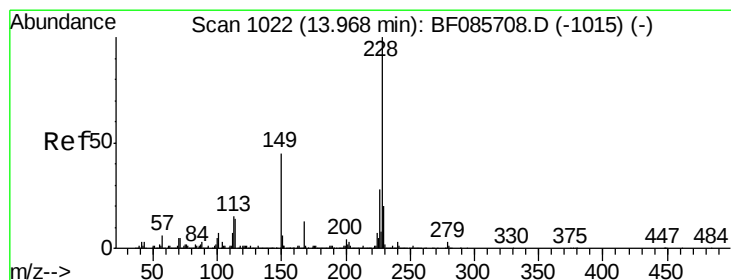
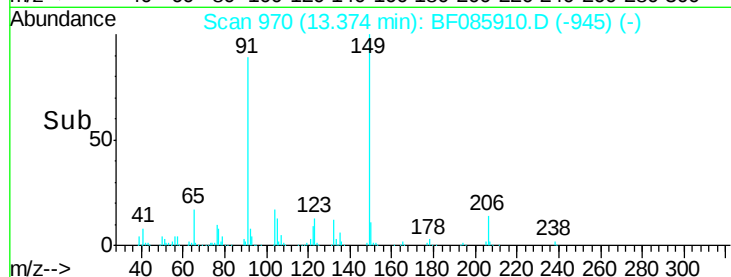
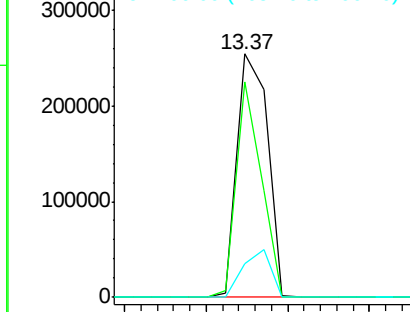
Tgt Ion:	149	Resp:	328629
Ion Ratio	Lower	Upper	
149	100		
91	88.7	45.8	68.8#
206	13.8	17.8	26.8#

Manual Integrations
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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: 48.21 ng

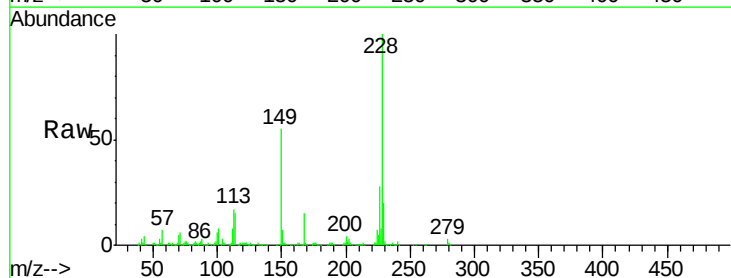
RT: 13.95 min Scan# 1020

Delta R.T. -0.01 min

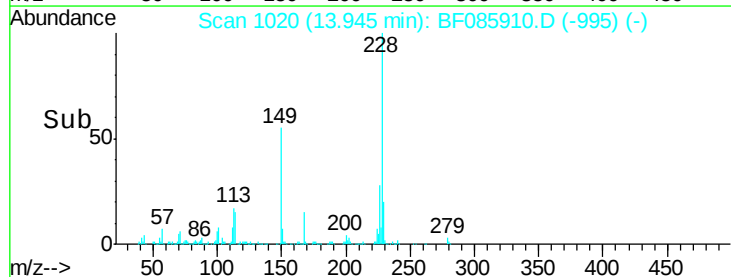
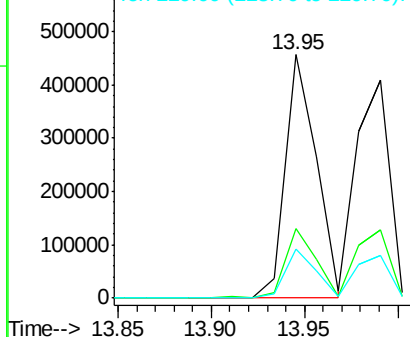
Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

Tgt Ion:	228	Resp:	530840
Ion Ratio	Lower	Upper	
228	100		
226	28.5	22.1	33.1
229	20.2	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





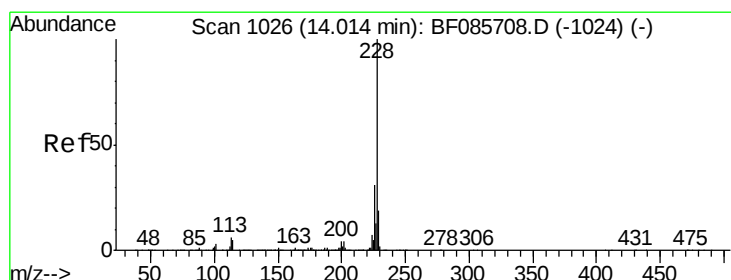
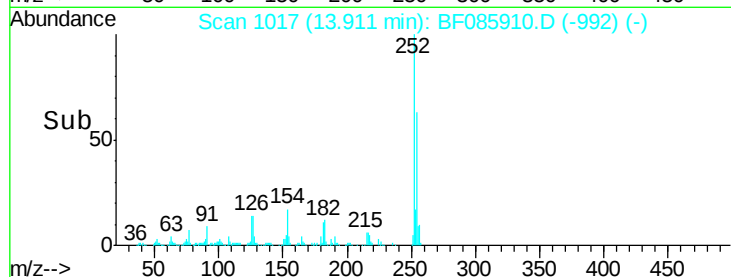
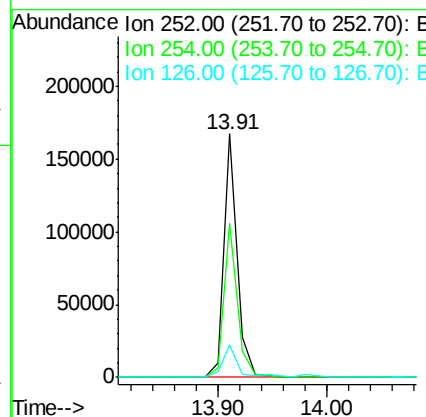
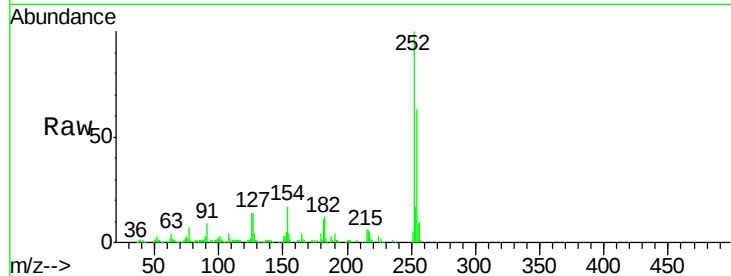
#81
 3,3'-Dichlorobenzidine
 Concen: 18.87 ng
 RT: 13.91 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BF085910.D
 Acq: 31 Mar 2016 4:25

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-EAST-END-14BGLMSD

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	144237		
254	63.4	50.7	76.1	
126	13.6	11.8	17.6	

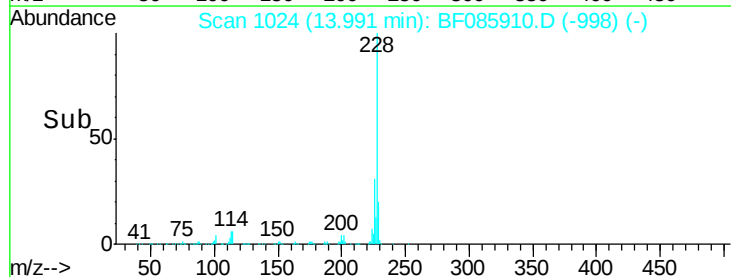
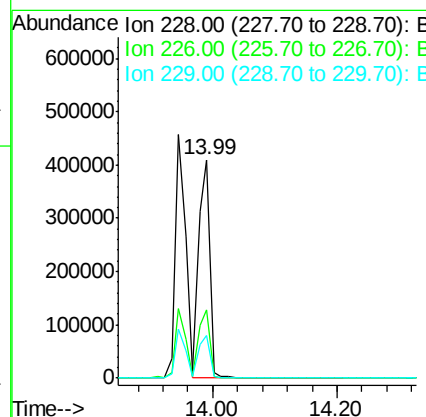
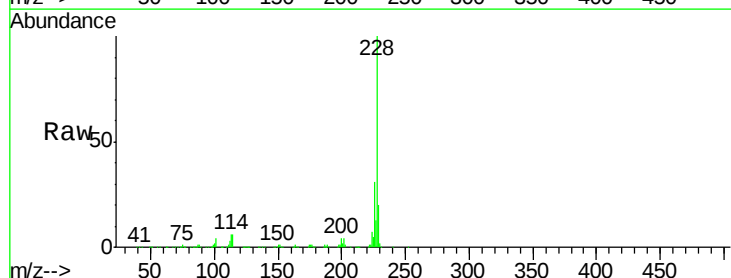
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#82
 Chrysene
 Concen: 46.38 ng
 RT: 13.99 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BF085910.D
 Acq: 31 Mar 2016 4:25

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	514440		
226	31.3	25.0	37.6	
229	19.5	15.7	23.5	





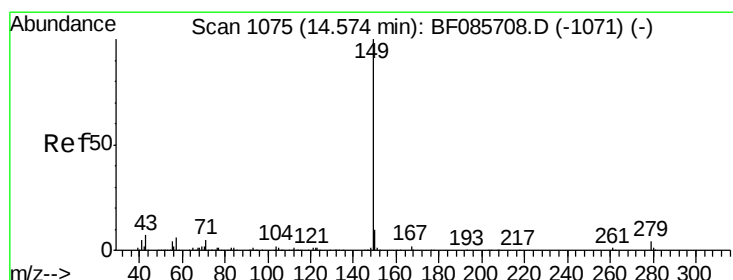
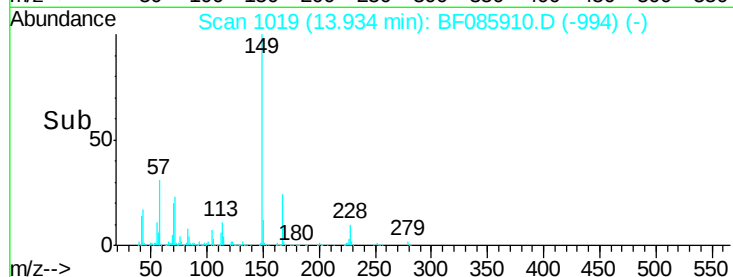
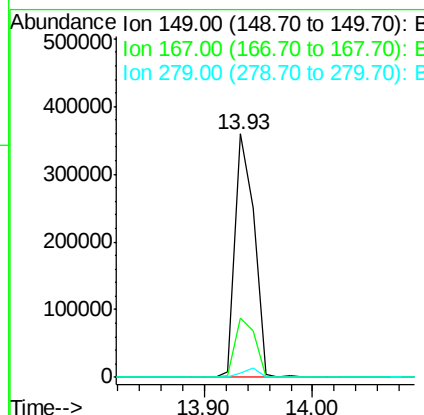
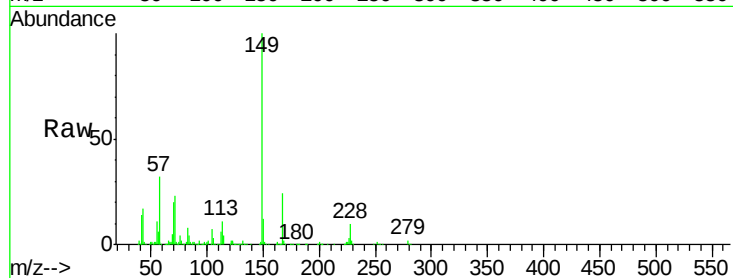
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 54.02 ng
 RT: 13.93 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BF085910.D
 Acq: 31 Mar 2016 4:25

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-EAST-END-14BGLMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	24.3	19.4	29.2
279	1.9	1.5	2.3

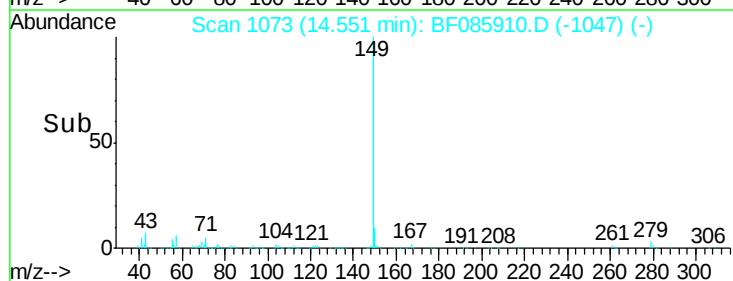
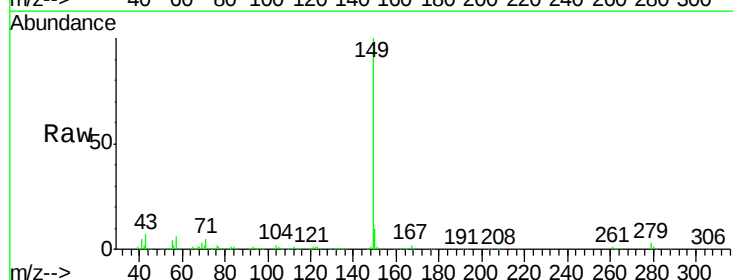
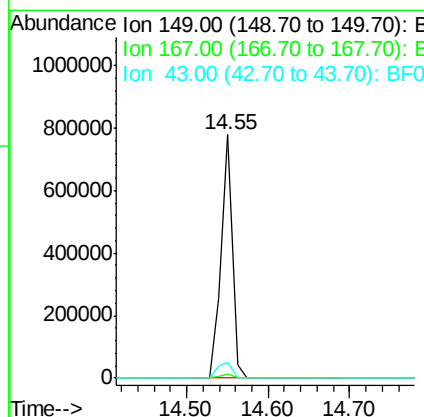
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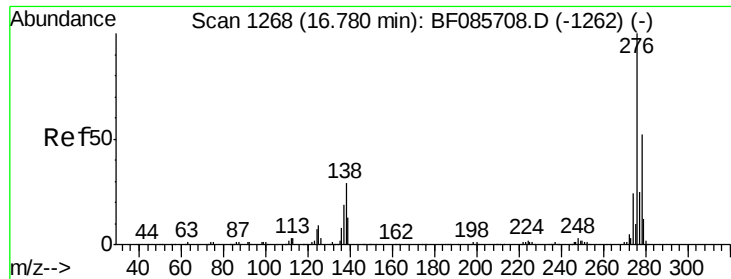
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#84
 Di-n-octyl phthalate
 Concen: 63.01 ng
 RT: 14.55 min Scan# 1073
 Delta R.T. -0.00 min
 Lab File: BF085910.D
 Acq: 31 Mar 2016 4:25

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





#85

Indeno(1,2,3-cd)pyrene

Concen: 62.09 ng

RT: 16.76 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

Instrument :

BNA_F

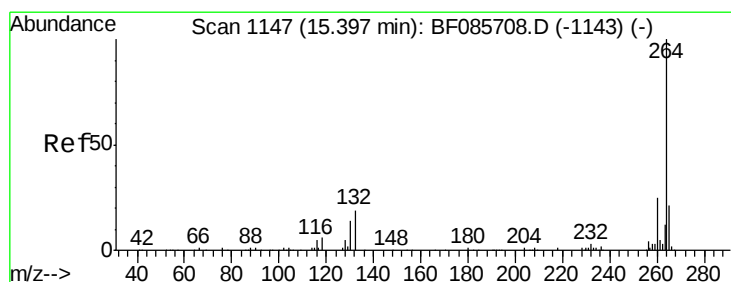
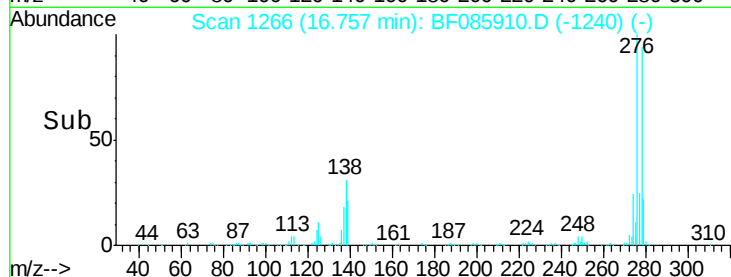
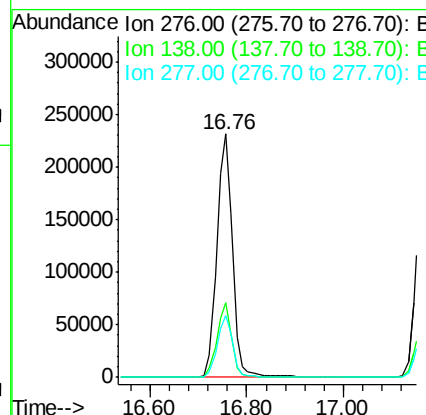
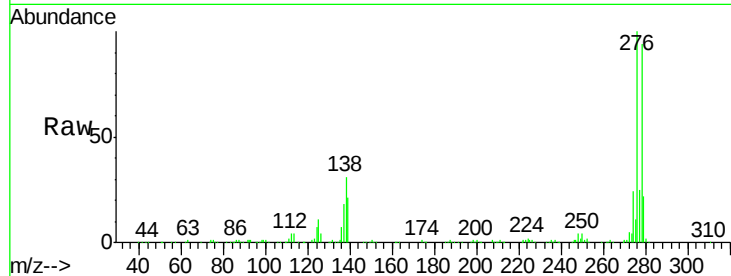
ClientSampleId :

BOTTOM-EAST-END-14BGLMSD

Tgt	Ion	276	Resp	531822
Ion	Ratio	Lower	Upper	
276	100			
138	29.1	24.2	36.4	
277	25.1	20.0	30.0	

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#86

Perylene-d12

Concen: 20.00 ng

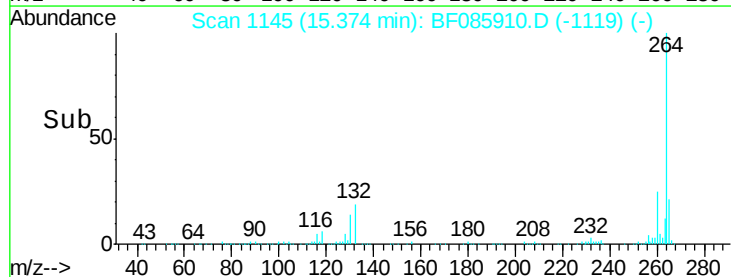
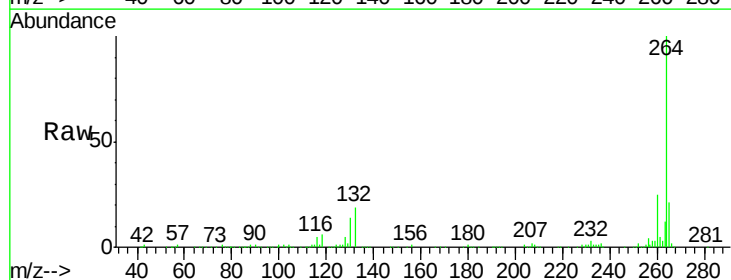
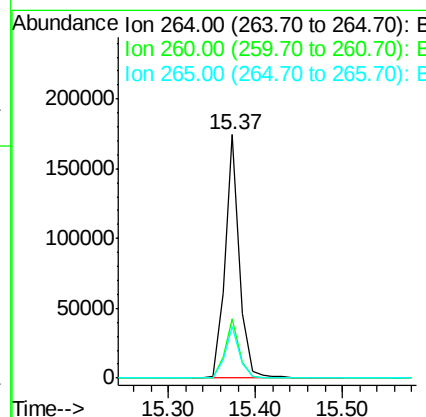
RT: 15.37 min Scan# 1145

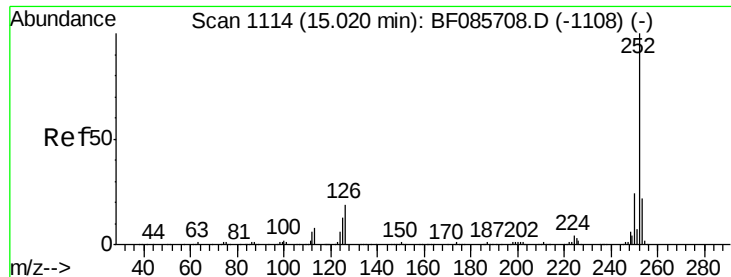
Delta R.T. -0.00 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

Tgt	Ion	264	Resp	201550
Ion	Ratio	Lower	Upper	
264	100			
260	24.6	19.4	29.2	
265	21.3	17.2	25.8	





#87

Benzo(b)fluoranthene

Concen: 44.61 ng m

RT: 14.97 min Scan# 1110

Delta R.T. -0.00 min

Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

Instrument :

BNA_F

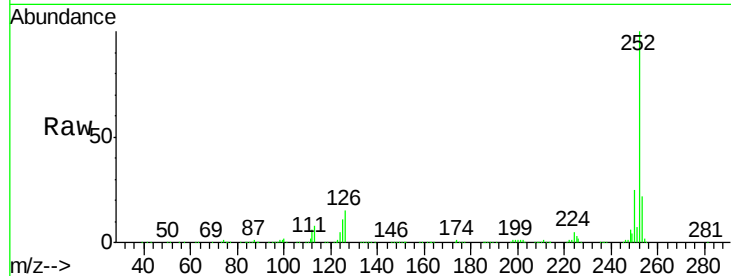
ClientSampleId :

BOTTOM-EAST-END-14BGLMSD

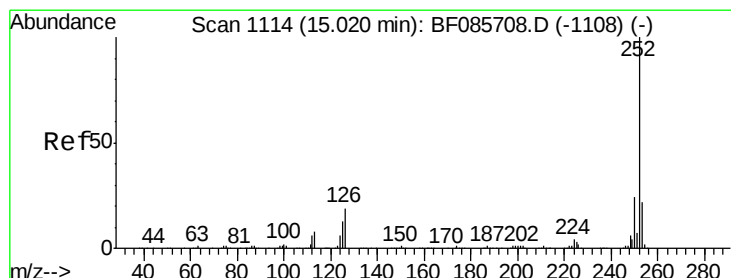
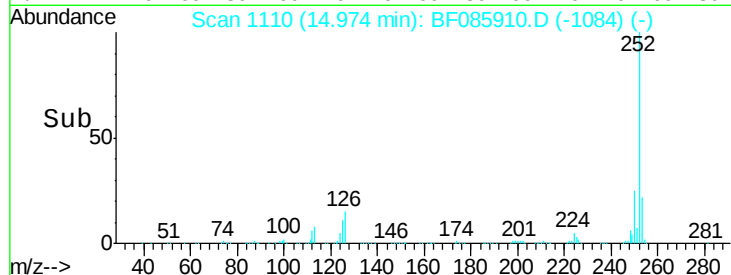
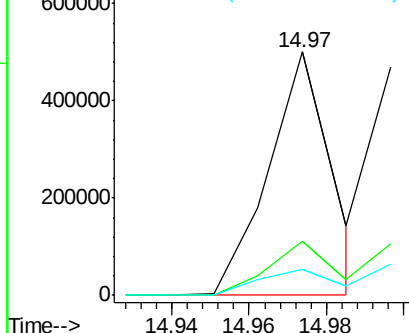
Tgt Ion:	252	Resp:	566358
Ion Ratio		Lower	Upper
252	100		
253	22.0	17.6	26.4
125	10.9	10.3	15.5

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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: 44.45 ng m

RT: 15.00 min Scan# 1112

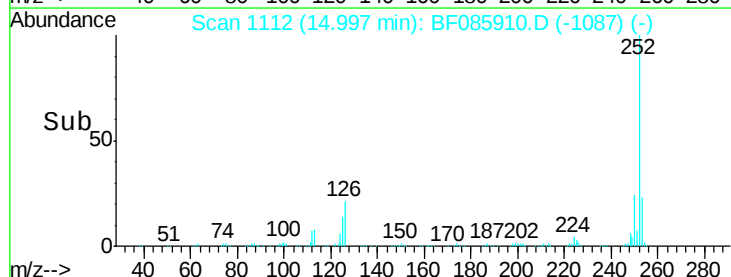
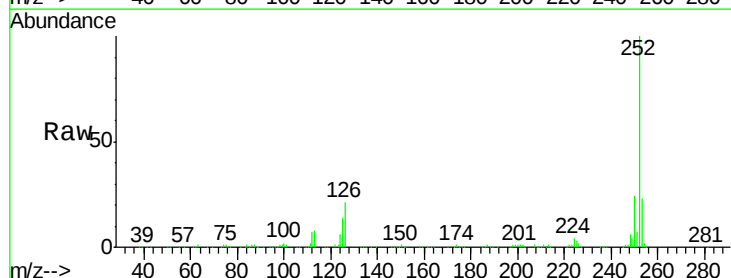
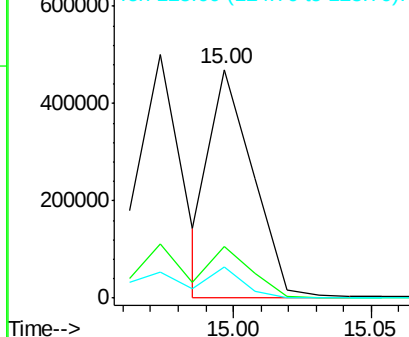
Delta R.T. -0.01 min

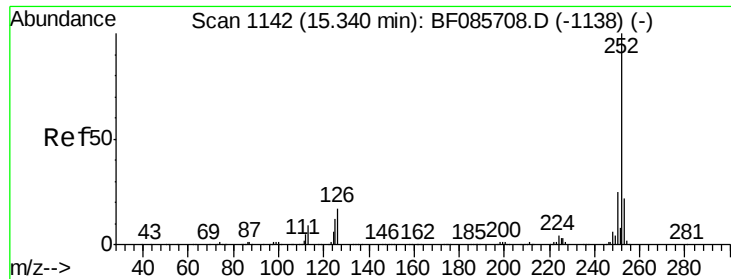
Lab File: BF085910.D

Acq: 31 Mar 2016 4:25

Tgt Ion:	252	Resp:	508748
Ion Ratio		Lower	Upper
252	100		
253	22.6	17.8	26.6
125	13.7	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





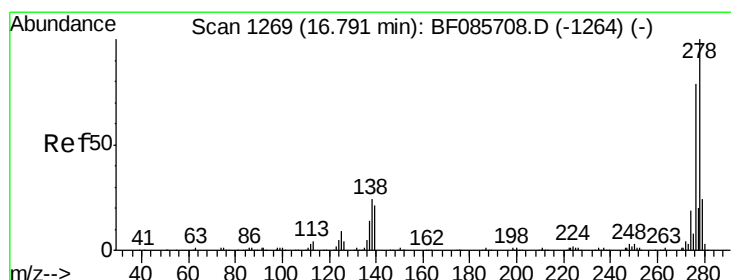
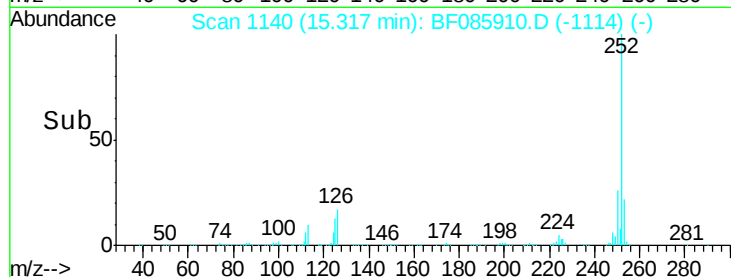
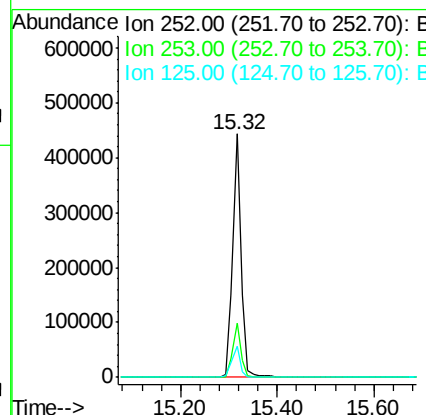
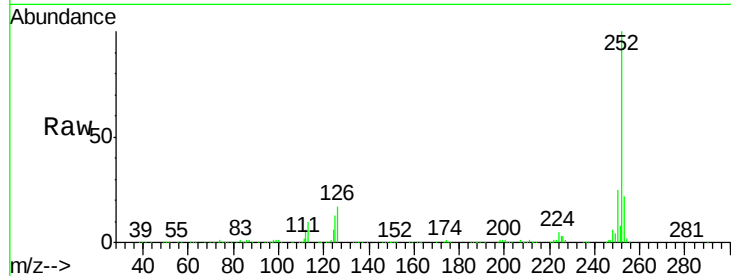
#89
Benzo(a)pyrene
Concen: 47.56 ng
RT: 15.32 min Scan# 1140
Delta R.T. -0.00 min
Lab File: BF085910.D
Acq: 31 Mar 2016 4:25

Instrument :
BNA_F
ClientSampleId :
BOTTOM-EAST-END-14BGLMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.2	17.4	26.0
125	13.0	10.3	15.5

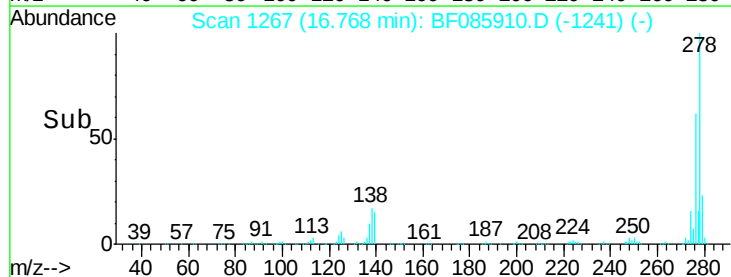
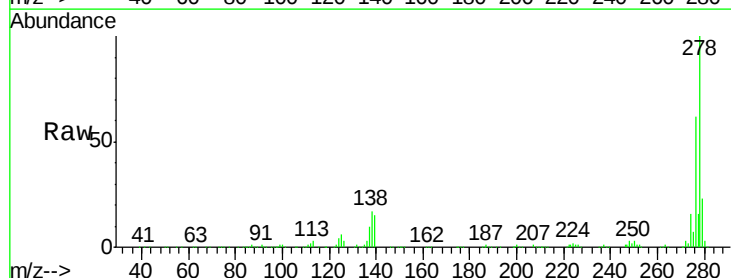
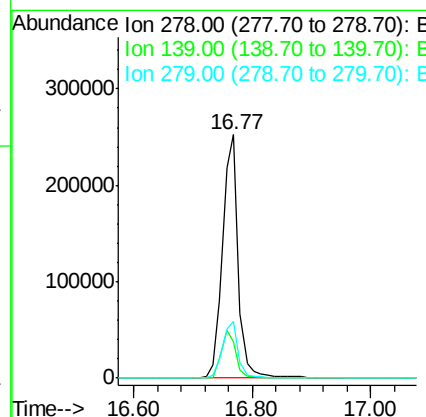
Manual Integrations
APPROVED

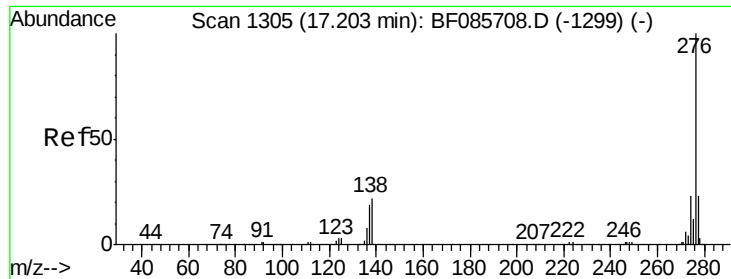
Sohil
3/31/2016 4:52:49 PM



#90
Dibenzo(a,h)anthracene
Concen: 44.32 ng
RT: 16.77 min Scan# 1267
Delta R.T. -0.00 min
Lab File: BF085910.D
Acq: 31 Mar 2016 4:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	15.1	14.4	21.6
279	23.5	19.1	28.7





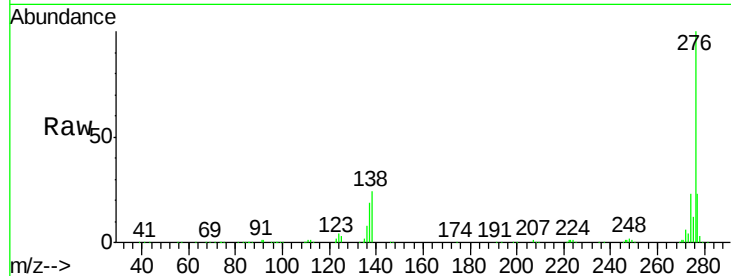
#91
 Benzo(g,h,i)perylene
 Concen: 38.31 ng
 RT: 17.17 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: BF085910.D
 Acq: 31 Mar 2016 4:25

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-EAST-END-14BGLMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.4	18.8	28.2
138	24.4	22.6	34.0

Manual Integrations
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 3/31/2016 4:52:49 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

