

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033016\
 Data File : BF085909.D
 Acq On : 31 Mar 2016 3:57
 Operator : UM/SJ
 Sample : H2049-05MS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

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

Manual Integrations
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 3/31/2016 4:52:46 PM

Quant Time: Mar 31 05:03:02 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	103512	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	389499	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	185317	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	303611	20.00	ng	0.00
75) Chrysene-d12	13.96	240	192925	20.00	ng	-0.01
86) Perylene-d12	15.37	264	201649	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	977421	157.26	ng	0.01
7) Phenol-d6	6.45	99	1127338	142.66	ng	0.00
23) Nitrobenzene-d5	7.37	82	749285	108.33	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	232360	131.97	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1143379	103.08	ng	0.00
78) Terphenyl-d14	12.91	244	774254	82.54	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	122688	41.34	ng	99
3) Pyridine	3.11	79	354263	49.79	ng	92
4) n-Nitrosodimethylamine	3.06	42	154502	54.24	ng	95
6) Aniline	6.47	93	237244	22.30	ng	97
8) 2-Chlorophenol	6.58	128	352442	48.80	ng	95
9) Benzaldehyde	6.34	77	179588	37.72	ng	98
10) Phenol	6.46	94	469257	52.41	ng	94
11) bis(2-Chloroethyl)ether	6.54	93	327263	47.50	ng	97
12) 1,3-Dichlorobenzene	6.73	146	352993m	45.39	ng	
13) 1,4-Dichlorobenzene	6.81	146	364477	46.21	ng	99
14) 1,2-Dichlorobenzene	6.97	146	350393	47.67	ng	98
15) Benzyl Alcohol	6.95	79	267208	50.68	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	418030	45.73	ng	92
17) 2-Methylphenol	7.06	107	277622	48.02	ng	98
18) Hexachloroethane	7.30	117	129405	44.81	ng	# 81
19) n-Nitroso-di-n-propylamine	7.22	70	242761	51.31	ng	98
20) 3+4-Methylphenols	7.22	107	350347	50.40	ng	# 75
22) Acetophenone	7.21	105	466639	51.43	ng	94
24) Nitrobenzene	7.38	77	337901	47.39	ng	98
25) Isophorone	7.62	82	669397	50.24	ng	100
26) 2-Nitrophenol	7.70	139	186577	52.31	ng	93
27) 2,4-Dimethylphenol	7.75	122	316079	50.70	ng	96
28) bis(2-Chloroethoxy)methane	7.84	93	439045	57.83	ng	99
29) 2,4-Dichlorophenol	7.96	162	274476	52.37	ng	93
30) 1,2,4-Trichlorobenzene	8.02	180	285930	49.14	ng	99
31) Naphthalene	8.10	128	923493	47.05	ng	100
32) Benzoic acid	7.84	122	31049	7.50	ng	94
33) 4-Chloroaniline	8.16	127	119409	14.90	ng	96
34) Hexachlorobutadiene	8.23	225	144679	45.75	ng	99
35) Caprolactam	8.54	113	91614	49.34	ng	87
36) 4-Chloro-3-methylphenol	8.65	107	293902	48.01	ng	98
37) 2-Methylnaphthalene	8.80	142	642321	61.36	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	247719	45.08	ng	100
40) Hexachlorocyclopentadiene	8.95	237	77669	39.20	ng	98

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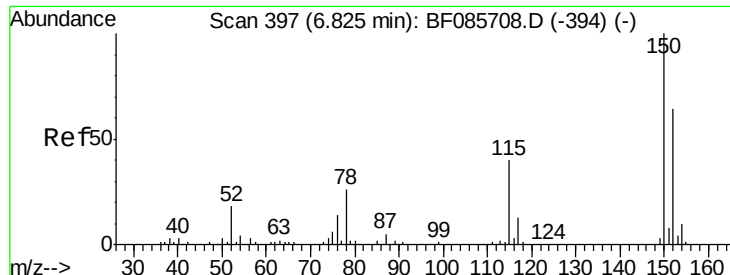
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	189581	51.08	ng	97
43) 2,4,5-Trichlorophenol	9.13	196	183976	47.27	ng	99
45) 1,1'-Biphenyl	9.27	154	704481	45.05	ng	94
46) 2-Chloronaphthalene	9.29	162	570848	49.65	ng	99
47) 2-Nitroaniline	9.40	65	177910	50.60	ng	# 67
48) Acenaphthylene	9.70	152	906963	48.41	ng	99
49) Dimethylphthalate	9.57	163	774804	55.11	ng	100
50) 2,6-Dinitrotoluene	9.64	165	158280	52.30	ng	# 80
51) Acenaphthene	9.88	154	529232	46.24	ng	100
52) 3-Nitroaniline	9.80	138	105138	30.35	ng	86
53) 2,4-Dinitrophenol	9.92	184	27050	22.39	ng	# 76
54) Dibenzofuran	10.05	168	749941	50.63	ng	99
55) 4-Nitrophenol	9.98	139	215097	95.31	ng	93
56) 2,4-Dinitrotoluene	10.04	165	166082	43.18	ng	# 43
57) Fluorene	10.39	166	591883	48.07	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	139836	51.69	ng	94
59) Diethylphthalate	10.26	149	612801	44.12	ng	98
60) 4-Chlorophenyl-phenylether	10.38	204	261595	43.45	ng	99
61) 4-Nitroaniline	10.41	138	128388	38.75	ng	88
62) Azobenzene	10.54	77	665919	49.89	ng	98
64) 4,6-Dinitro-2-methylphenol	10.45	198	46994	26.43	ng	91
65) n-Nitrosodiphenylamine	10.50	169	540905	56.25	ng	99
66) 4-Bromophenyl-phenylether	10.87	248	165478	53.27	ng	97
67) Hexachlorobenzene	10.94	284	168195	51.78	ng	94
68) Atrazine	11.03	200	158305	48.76	ng	98
69) Pentachlorophenol	11.13	266	141139	88.50	ng	99
70) Phenanthrene	11.35	178	826109	52.99	ng	100
71) Anthracene	11.40	178	746103	45.59	ng	99
72) Carbazole	11.56	167	671990	48.91	ng	99
73) Di-n-butylphthalate	11.89	149	974789	51.70	ng	100
74) Fluoranthene	12.53	202	669852	40.42	ng	99
76) Benzidine	12.65	184	207884	30.60	ng	99
77) Pyrene	12.76	202	633539	39.95	ng	99
79) Butylbenzylphthalate	13.39	149	316584	47.67	ng	95
80) Benzo(a)anthracene	13.95	228	526963	47.90	ng	100
81) 3,3'-Dichlorobenzidine	13.91	252	130968	17.15	ng	98
82) Chrysene	13.99	228	497079	44.86	ng	100
83) Bis(2-ethylhexyl)phthalate	13.93	149	412275	51.85	ng	98
84) Di-n-octyl phthalate	14.55	149	728884	61.64	ng	99
85) Indeno(1,2,3-cd)pyrene	16.76	276	506166	59.16	ng	99
87) Benzo(b)fluoranthene	14.97	252	546824m	43.05	ng	
88) Benzo(k)fluoranthene	15.00	252	494300m	43.16	ng	
89) Benzo(a)pyrene	15.32	252	526445	46.67	ng	99
90) Dibenzo(a,h)anthracene	16.76	278	439187	41.91	ng	# 96
91) Benzo(g,h,i)perylene	17.17	276	393918	37.12	ng	94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

Instrument :

BNA_F

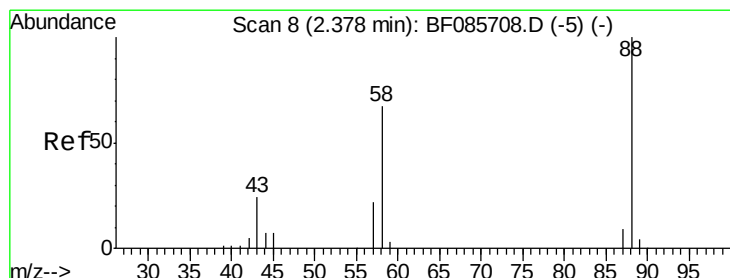
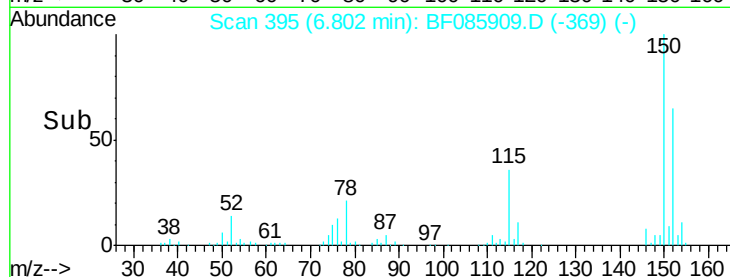
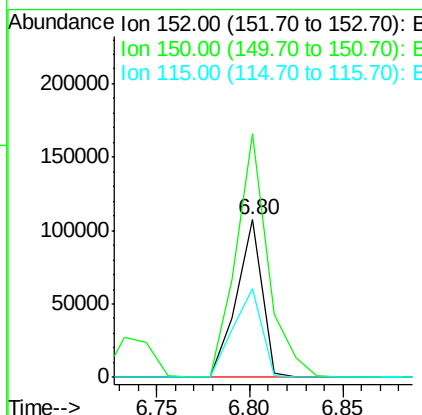
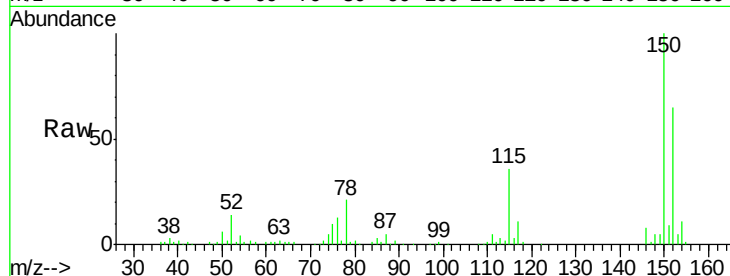
ClientSampleId :

BOTTOM-EAST-END-14BGLMS

Tgt Ion:	152	Resp:	103512
Ion Ratio	Lower	Upper	
152	100		
150	154.4	124.2	186.2
115	55.9	47.0	70.6

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#2

1,4-Dioxane

Concen: 41.34 ng

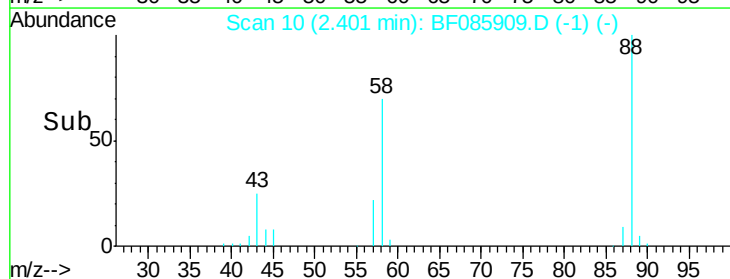
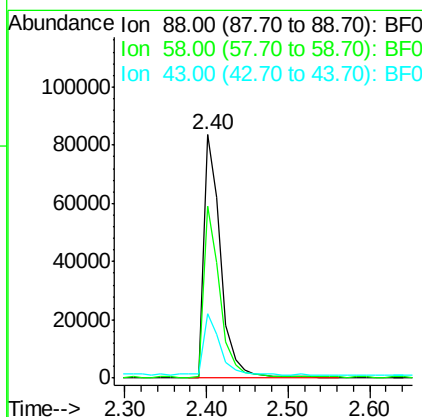
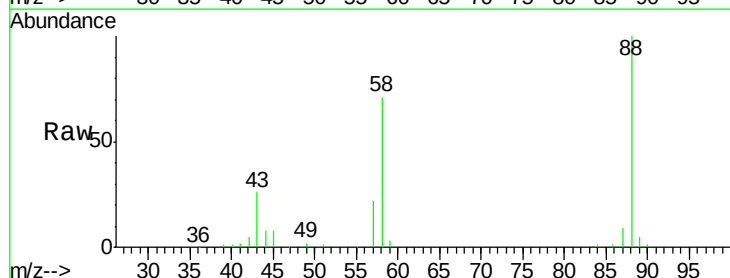
RT: 2.40 min Scan# 10

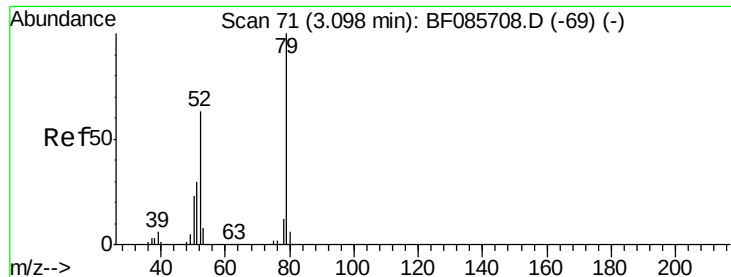
Delta R.T. 0.07 min

Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

Tgt Ion:	88	Resp:	122688
Ion Ratio	Lower	Upper	
88	100		
58	67.3	54.2	81.2
43	25.2	19.3	28.9





#3

Pyridine

Concen: 49.79 ng

RT: 3.11 min Scan# 72

Delta R.T. 0.06 min

Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

Instrument :

BNA_F

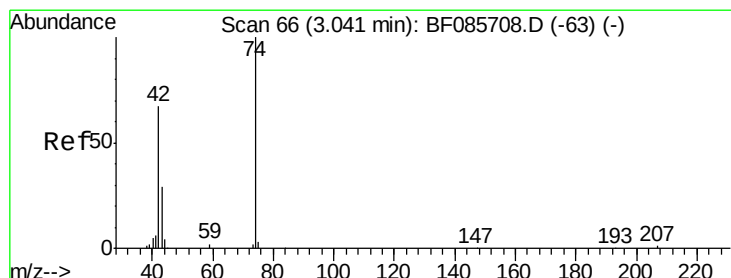
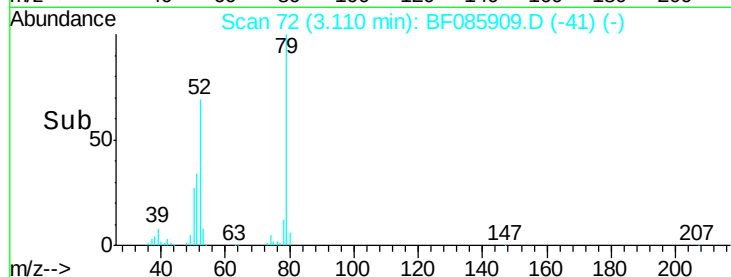
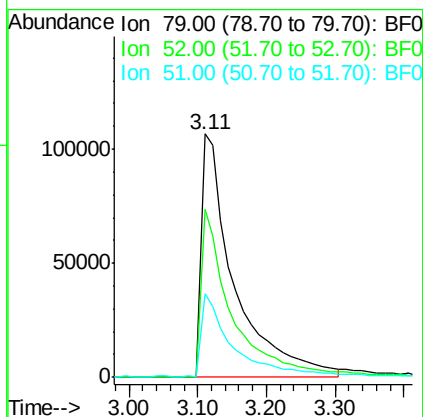
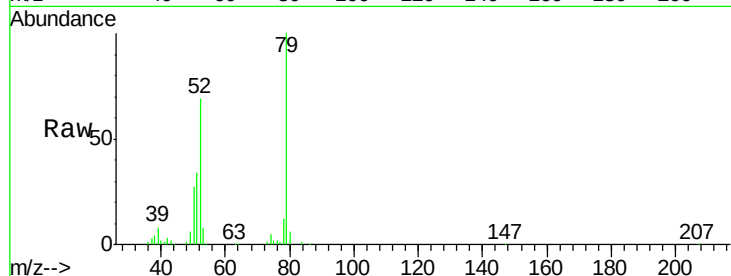
ClientSampleId :

BOTTOM-EAST-END-14BGLMS

Tgt Ion:	79	Resp:	354263
Ion	Ratio	Lower	Upper
79	100		
52	69.2	49.8	74.6
51	34.4	24.7	37.1

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#4

n-Nitrosodimethylamine

Concen: 54.24 ng

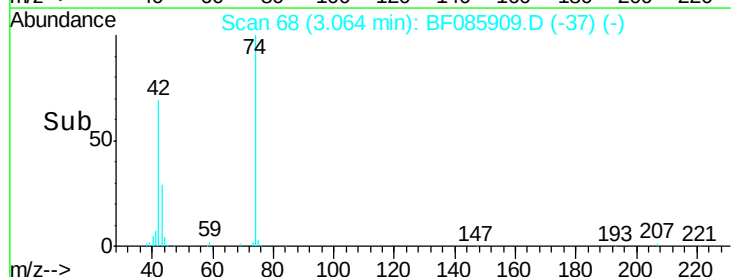
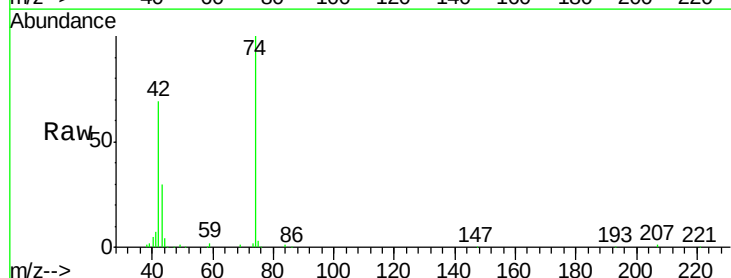
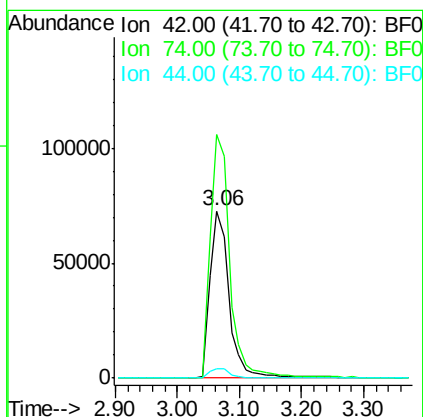
RT: 3.06 min Scan# 68

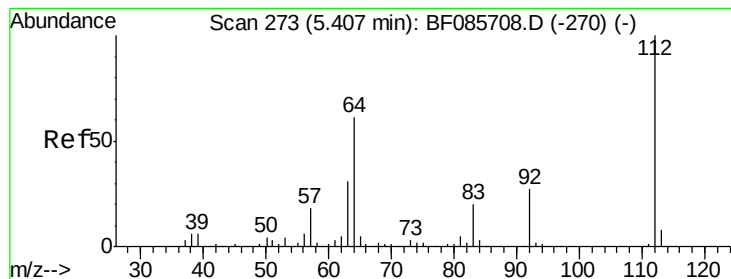
Delta R.T. 0.06 min

Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

Tgt Ion:	42	Resp:	154502
Ion	Ratio	Lower	Upper
42	100		
74	145.9	121.4	182.2
44	6.0	5.6	8.4





#5

2-Fluorophenol

Concen: 157.26 ng

RT: 5.41 min Scan# 273

Delta R.T. 0.01 min

Lab File: BF085909.D

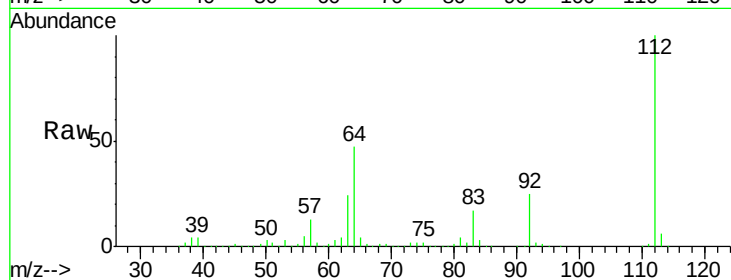
Acq: 31 Mar 2016 3:57

Instrument :

BNA_F

ClientSampleId :

BOTTOM-EAST-END-14BGLMS



Tgt Ion: 112 Resp: 977421

Ion Ratio Lower Upper

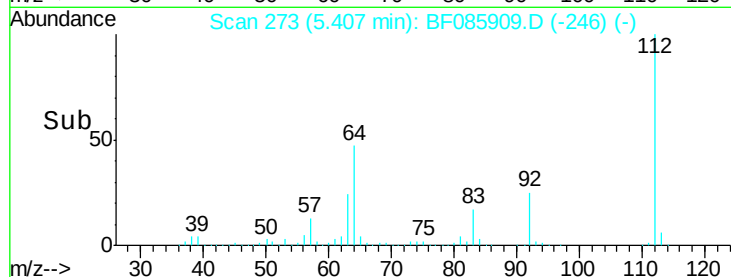
112 100

64 46.9 39.9 59.9

63 23.8 20.2 30.2

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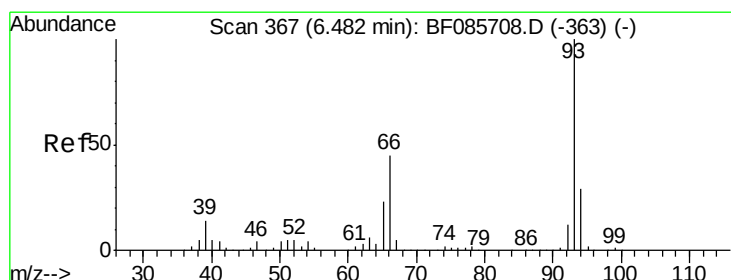
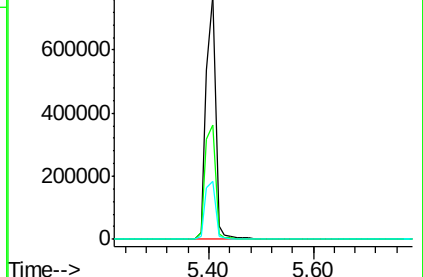
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 22.30 ng

RT: 6.47 min Scan# 366

Delta R.T. 0.01 min

Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

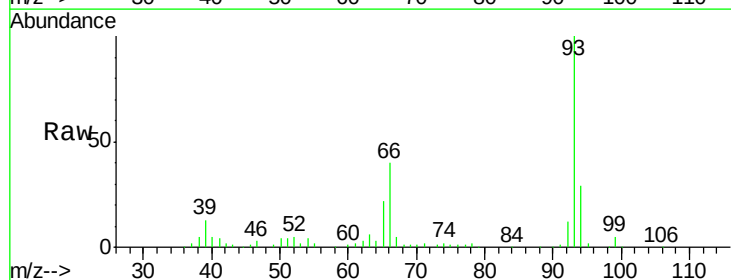
Tgt Ion: 93 Resp: 237244

Ion Ratio Lower Upper

93 100

66 40.4 31.4 47.2

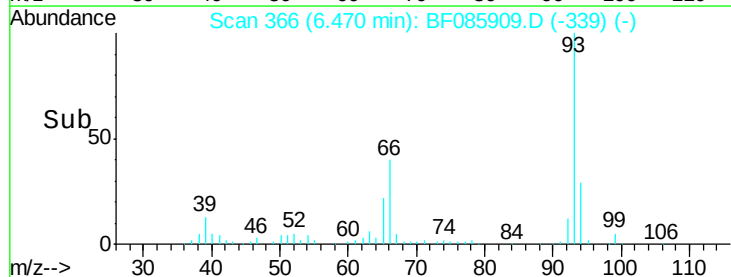
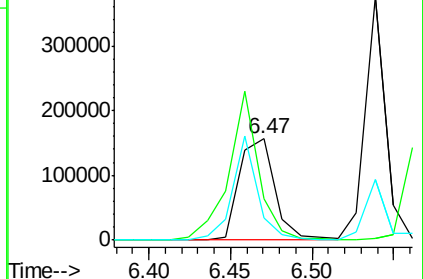
65 22.5 15.7 23.5

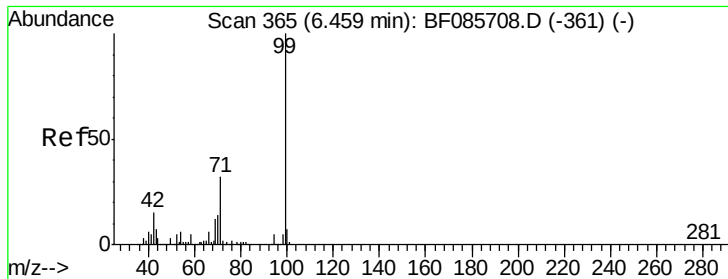


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 142.66 ng

RT: 6.45 min Scan# 364

Delta R.T. -0.00 min

Lab File: BF085909.D

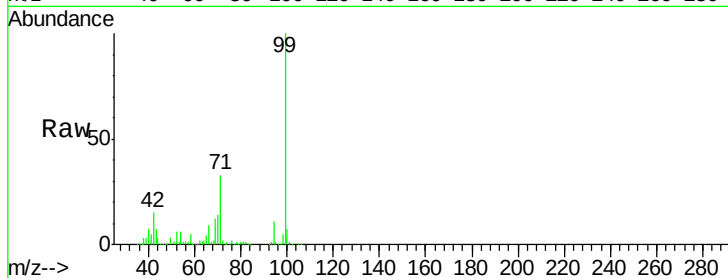
Acq: 31 Mar 2016 3:57

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Tgt Ion: 99 Resp: 1127338

Ion Ratio Lower Upper

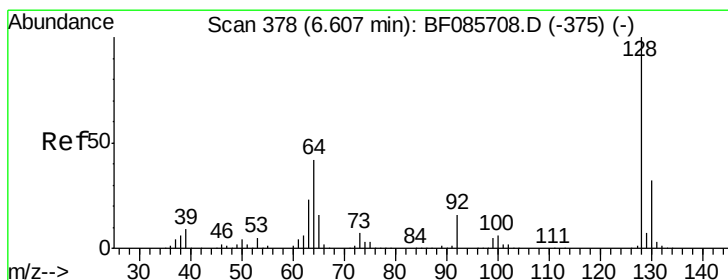
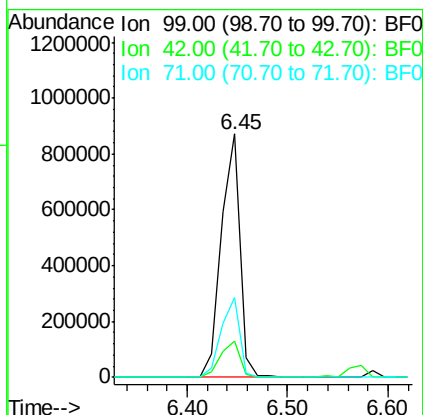
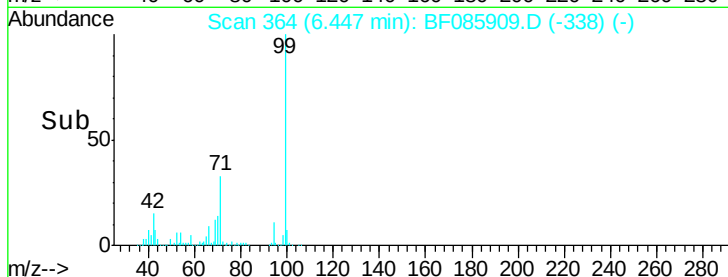
99 100

42 14.9 11.1 16.7

71 33.0 24.9 37.3

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#8

2-Chlorophenol

Concen: 48.80 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.00 min

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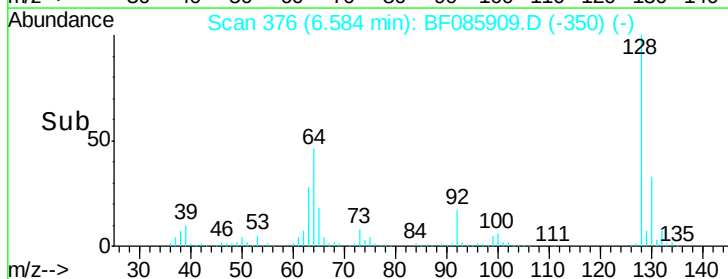
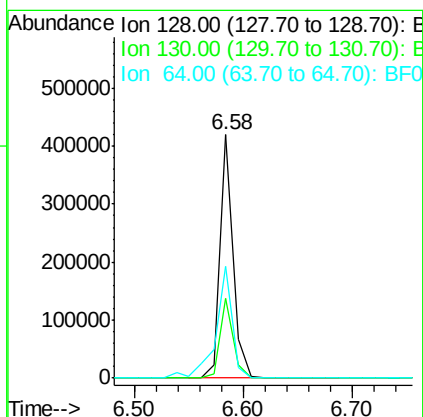
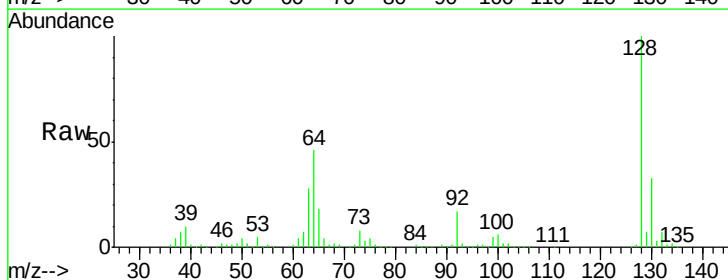
Tgt Ion: 128 Resp: 352442

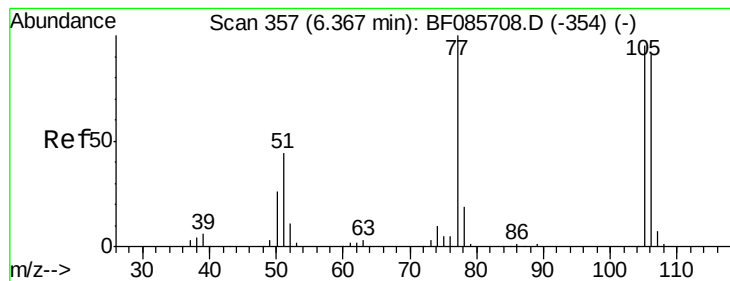
Ion Ratio Lower Upper

128 100

130 32.5 12.9 52.9

64 45.9 20.2 60.2





#9

Benzaldehyde

Concen: 37.72 ng

RT: 6.34 min Scan# 355

Delta R.T. -0.00 min

Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

Instrument :

BNA_F

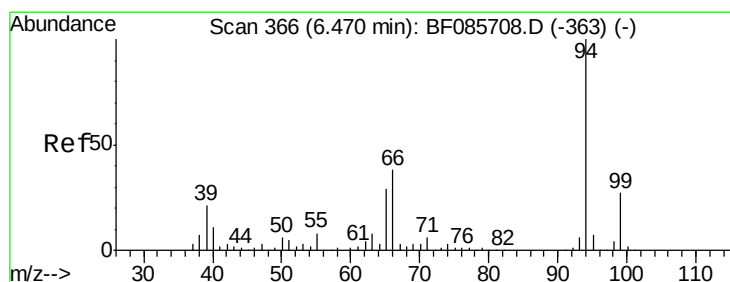
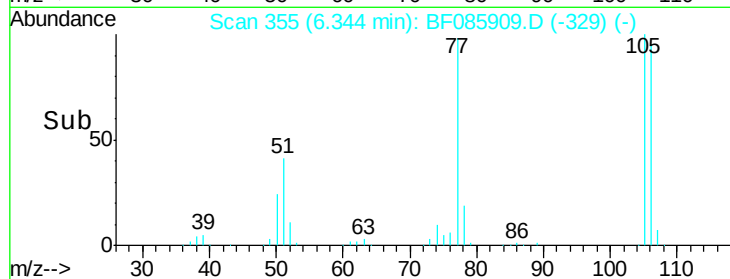
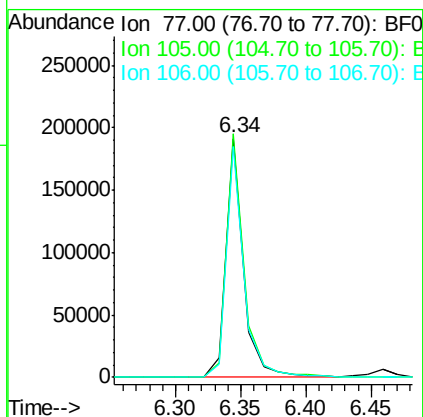
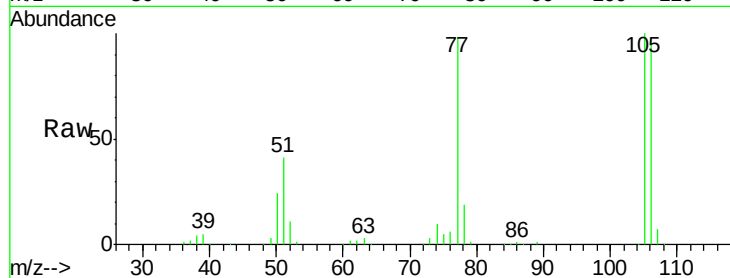
ClientSampleId :

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Tgt Ion:	77	Resp:	179588
Ion	Ratio	Lower	Upper
77	100		
105	102.0	80.1	120.1
106	96.6	75.0	115.0

Manual Integrations
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#10

Phenol

Concen: 52.41 ng

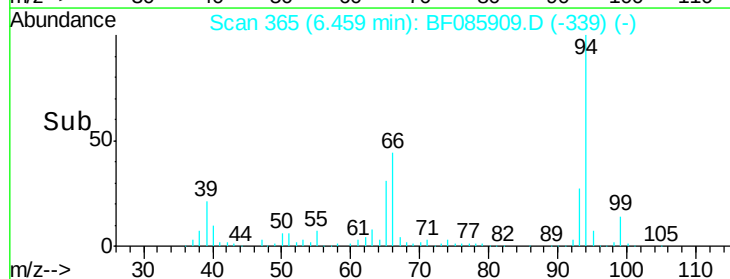
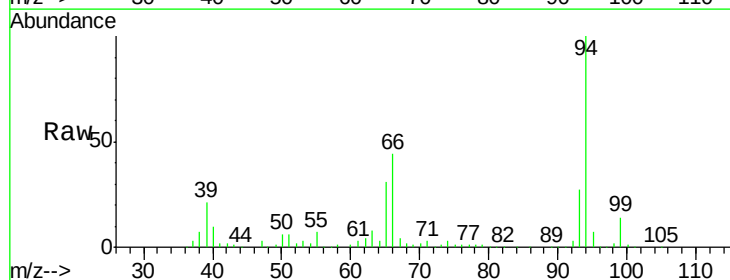
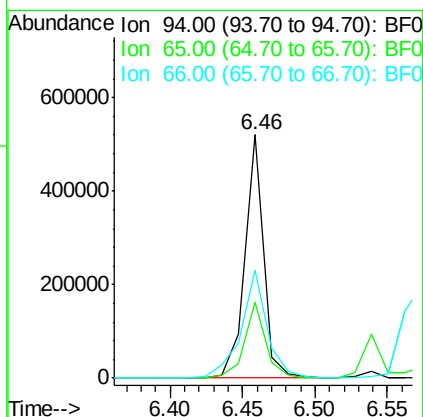
RT: 6.46 min Scan# 365

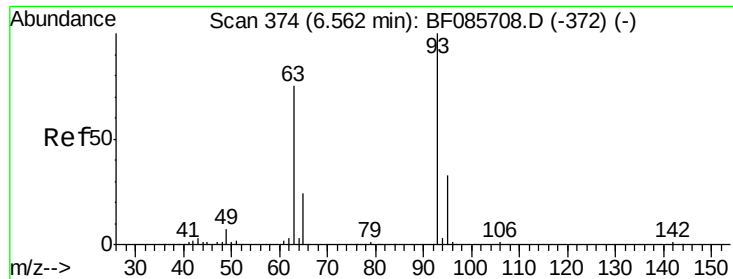
Delta R.T. -0.00 min

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Tgt Ion:	94	Resp:	469257
Ion	Ratio	Lower	Upper
94	100		
65	31.0	8.6	48.6
66	44.1	20.0	60.0





#11

bis(2-Chloroethyl)ether

Concen: 47.50 ng

RT: 6.54 min Scan# 372

Delta R.T. -0.00 min

Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

Instrument :

BNA_F

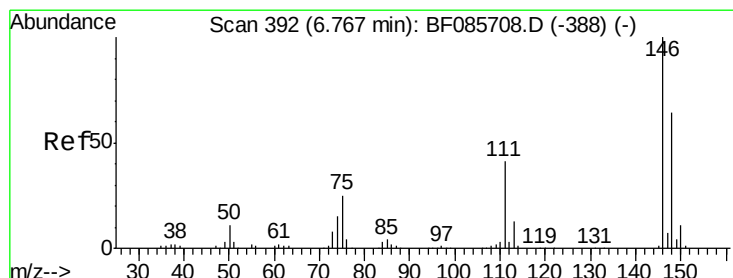
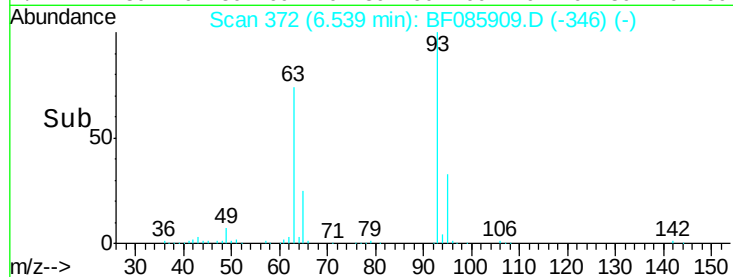
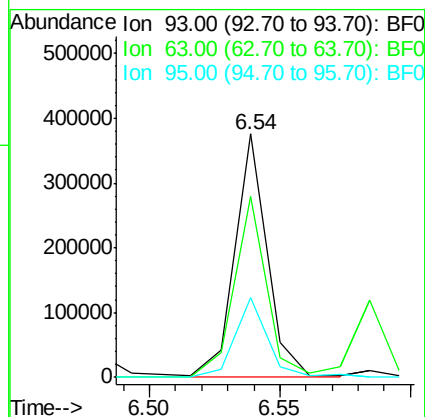
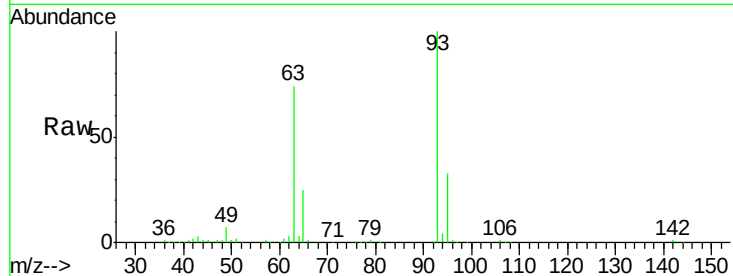
ClientSampleId :

BOTTOM-EAST-END-14BGLMS

Tgt Ion:	93	Resp:	327263
Ion Ratio	Lower	Upper	
93	100		
63	74.3	50.9	90.9
95	32.8	13.3	53.3

Manual Integrations
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Sohil
3/31/2016 4:52:46 PM



#12

1,3-Dichlorobenzene

Concen: 45.39 ng m

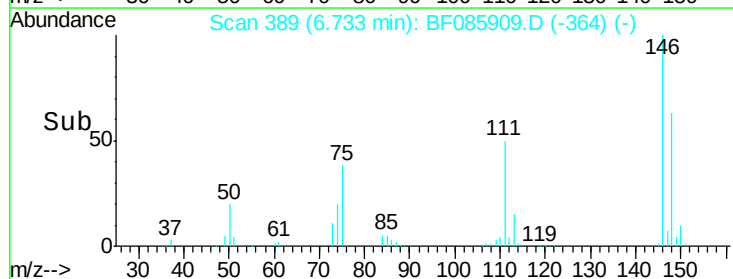
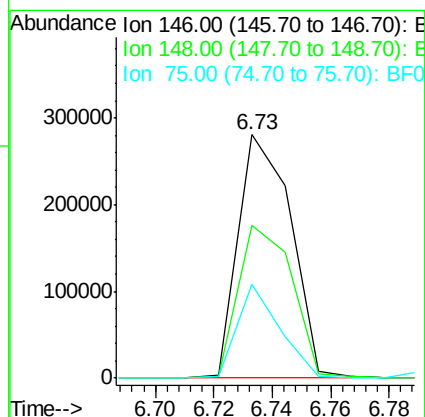
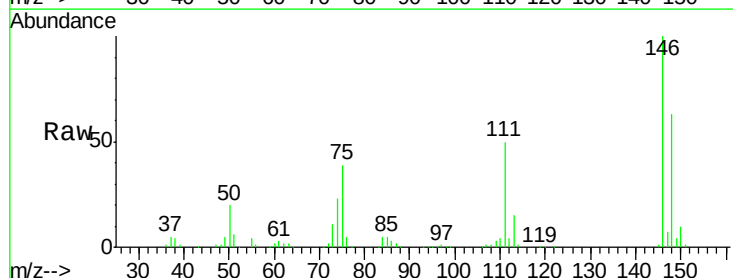
RT: 6.73 min Scan# 389

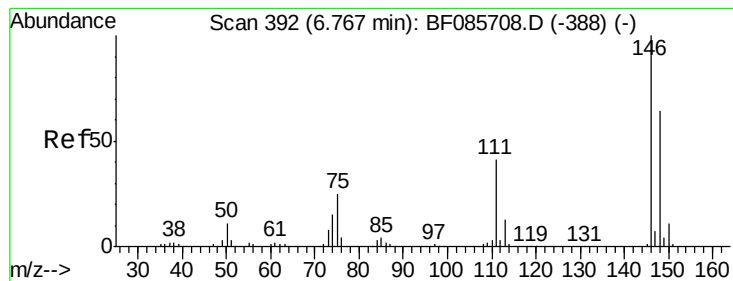
Delta R.T. -0.01 min

Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

Tgt Ion:	146	Resp:	352993
Ion Ratio	Lower	Upper	
146	100		
148	62.6	52.3	78.5
75	38.6	17.4	26.2#





#13

1,4-Dichlorobenzene

Concen: 46.21 ng

RT: 6.81 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

Instrument :

BNA_F

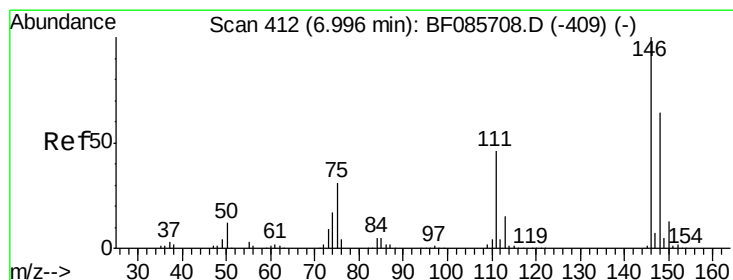
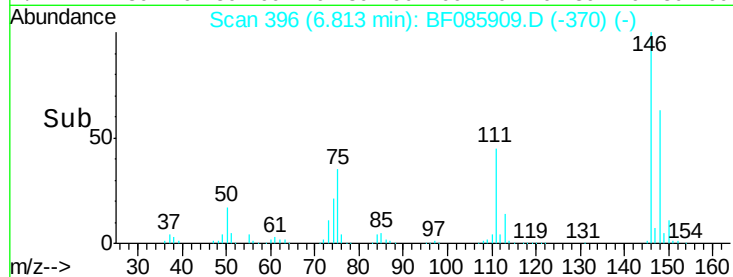
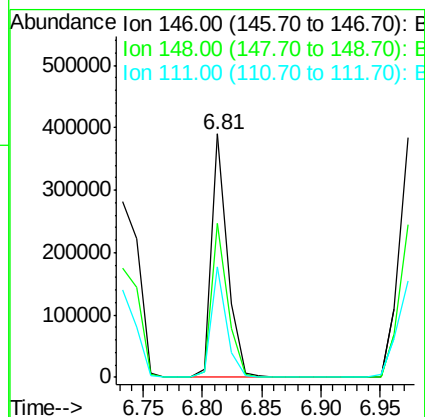
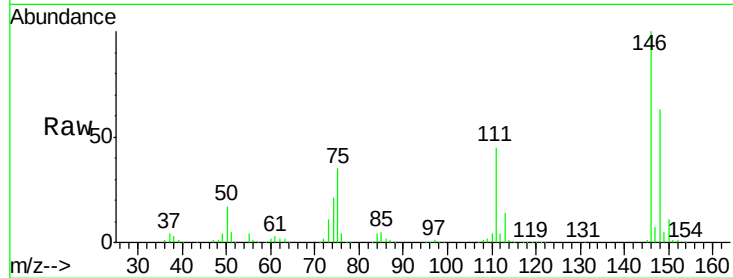
ClientSampleId :

BOTTOM-EAST-END-14BGLMS

Tgt Ion:	146	Resp:	364477
Ion Ratio	Lower	Upper	
146	100		
148	63.1	50.6	76.0
111	45.5	37.8	56.6

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 47.67 ng

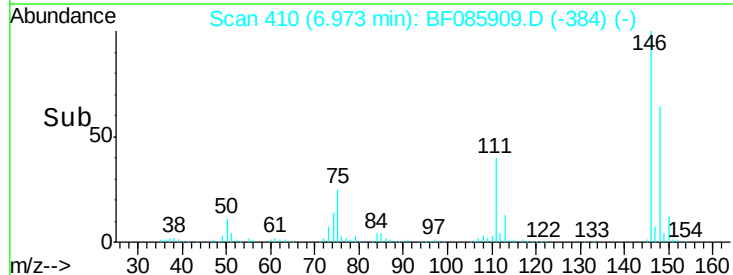
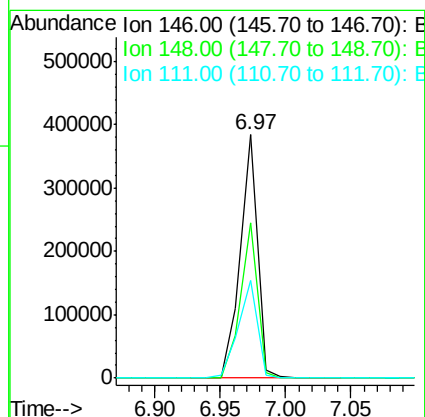
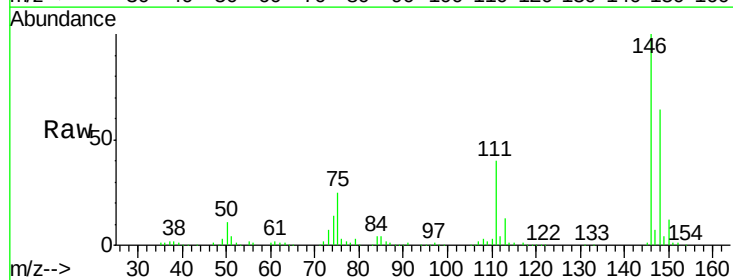
RT: 6.97 min Scan# 410

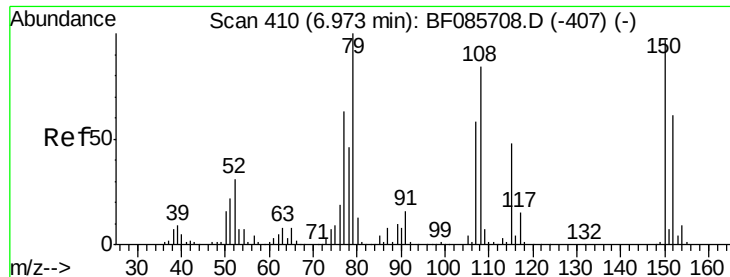
Delta R.T. -0.00 min

Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

Tgt Ion:	146	Resp:	350393
Ion Ratio	Lower	Upper	
146	100		
148	63.9	51.4	77.2
111	40.4	34.6	52.0





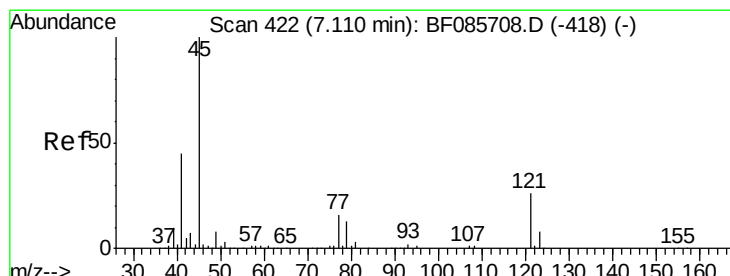
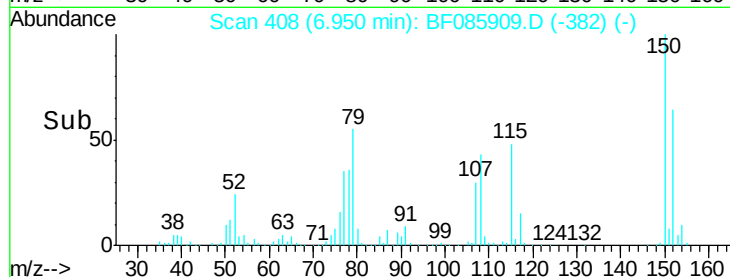
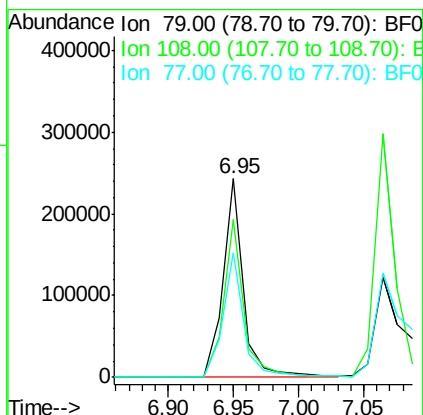
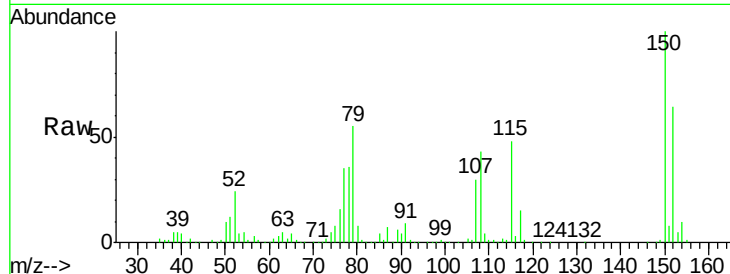
#15
Benzyl Alcohol
Concen: 50.68 ng
RT: 6.95 min Scan# 408
Delta R.T. -0.00 min
Lab File: BF085909.D
Acq: 31 Mar 2016 3:57

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

Tgt Ion:	79	Resp:	267208
Ion Ratio	Lower	Upper	
79	100		
108	79.2	61.8	92.6
77	62.9	49.6	74.4

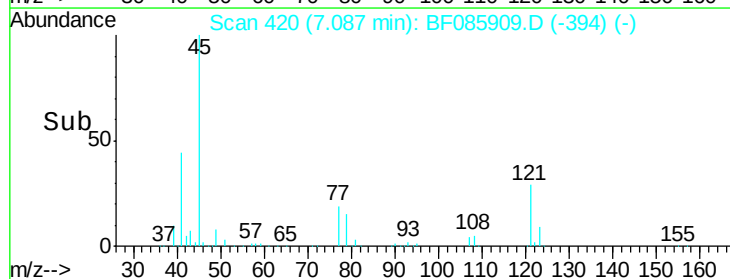
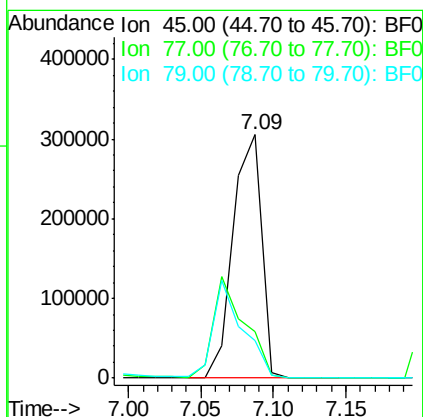
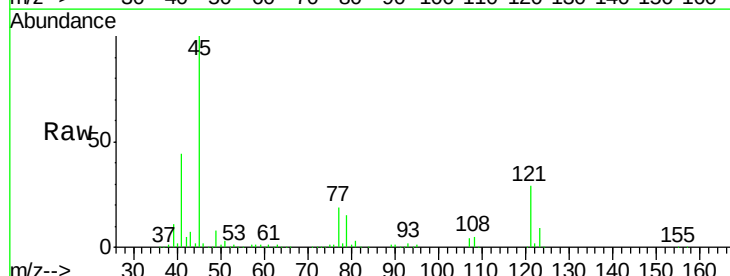
Manual Integrations
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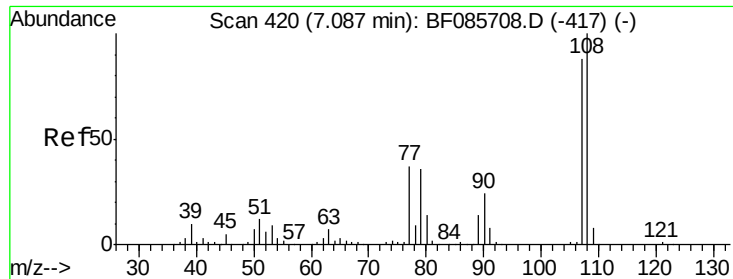
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.73 ng
RT: 7.09 min Scan# 420
Delta R.T. -0.00 min
Lab File: BF085909.D
Acq: 31 Mar 2016 3:57

Tgt Ion:	45	Resp:	418030
Ion Ratio	Lower	Upper	
45	100		
77	19.2	0.0	35.7
79	15.4	0.0	32.2





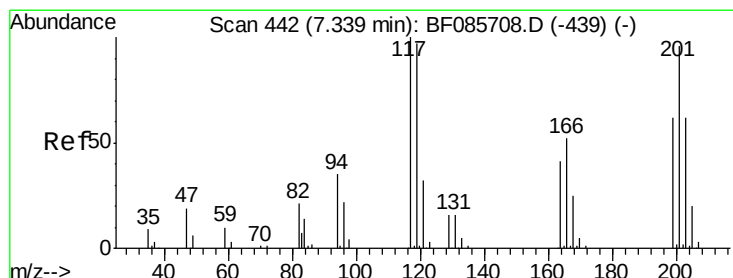
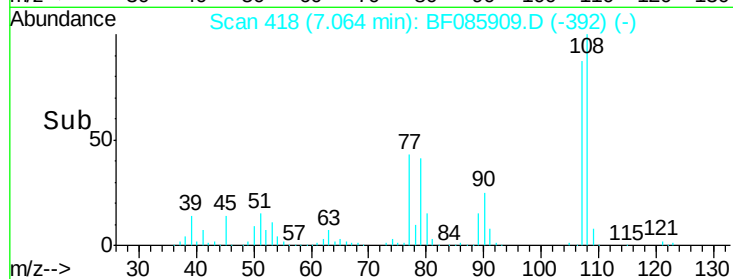
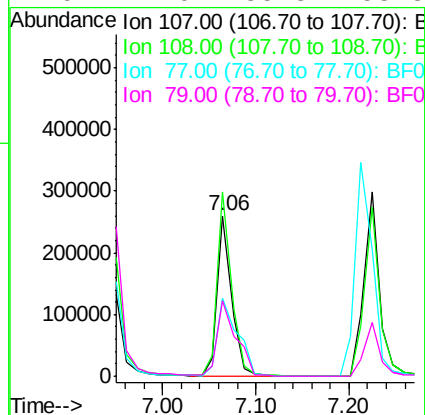
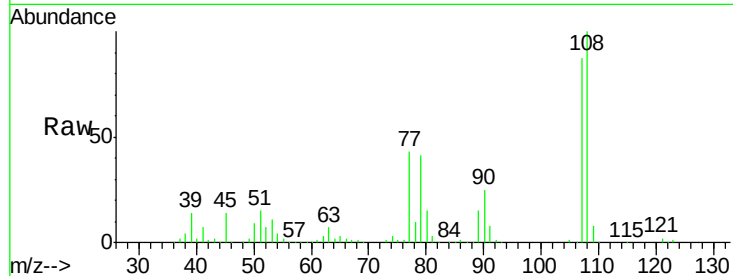
#17
2-Methylphenol
Concen: 48.02 ng
RT: 7.06 min Scan# 418
Delta R.T. -0.00 min
Lab File: BF085909.D
Acq: 31 Mar 2016 3:57

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

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	277622		
108	114.5	91.4	137.0	
77	48.8	36.2	54.2	
79	47.0	35.8	53.8	

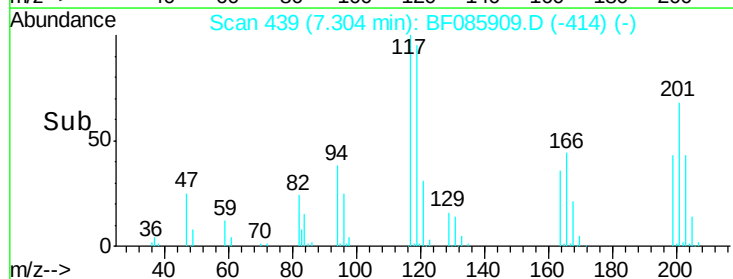
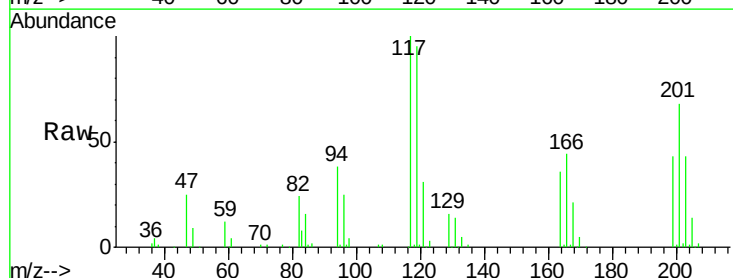
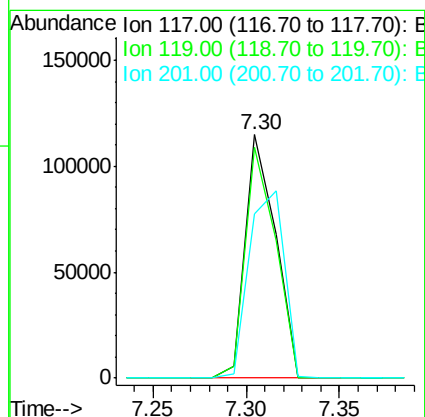
Manual Integrations
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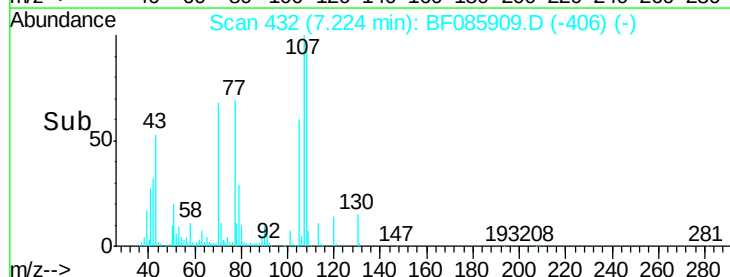
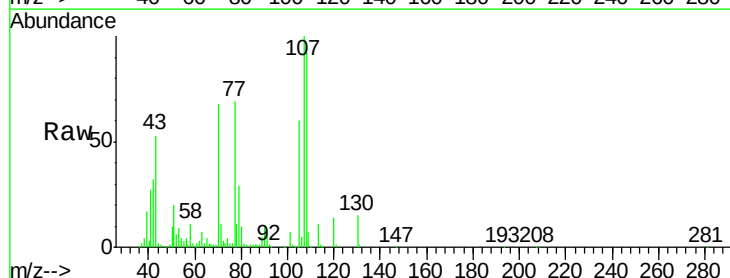
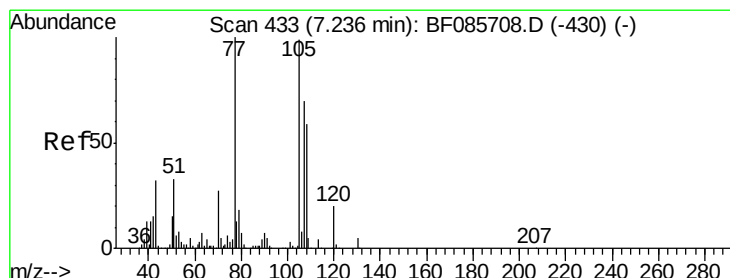
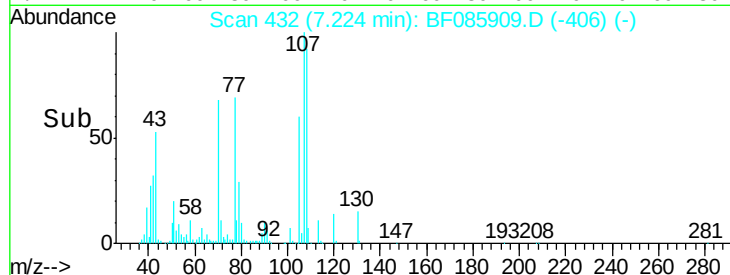
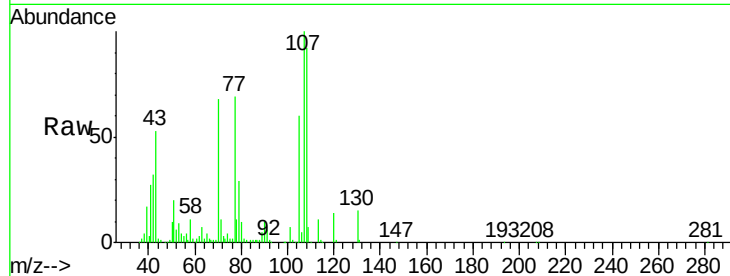
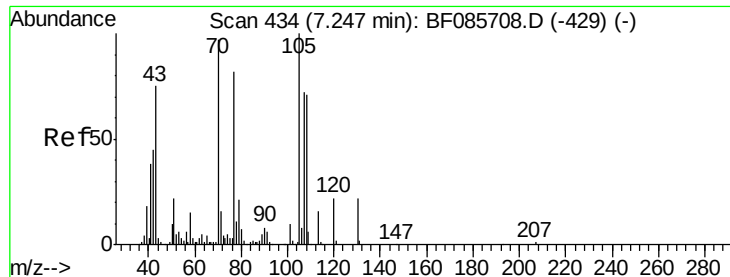
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#18
Hexachloroethane
Concen: 44.81 ng
RT: 7.30 min Scan# 439
Delta R.T. -0.01 min
Lab File: BF085909.D
Acq: 31 Mar 2016 3:57

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	129405		
119	94.9	76.7	115.1	
201	67.6	83.3	124.9	





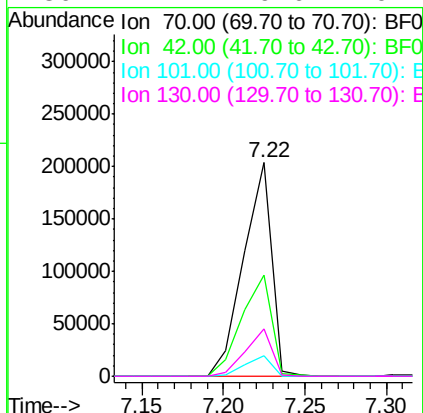
#19
n-Nitroso-di-n-propylamine
Concen: 51.31 ng
RT: 7.22 min Scan# 432
Delta R.T. -0.00 min
Lab File: BF085909.D
Acq: 31 Mar 2016 3:57

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

Tgt Ion	Ratio	Lower	Upper
70	100		
42	47.3	37.1	55.7
101	9.7	8.6	12.8
130	22.4	19.6	29.4

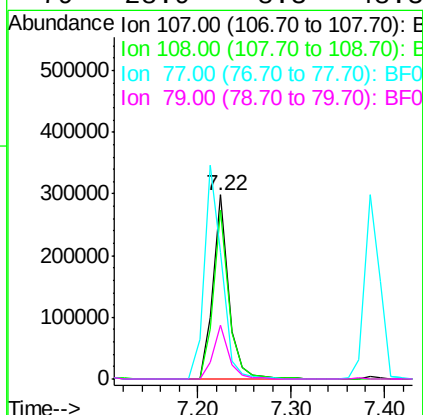
Manual Integrations
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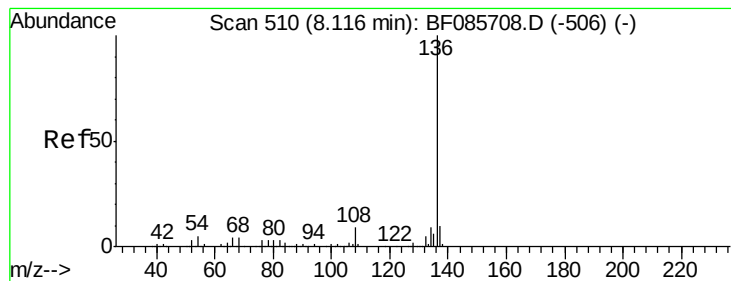
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#20
3+4-Methylphenols
Concen: 50.40 ng
RT: 7.22 min Scan# 432
Delta R.T. -0.00 min
Lab File: BF085909.D
Acq: 31 Mar 2016 3:57

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.7	69.3	109.3
77	68.8	101.7	141.7#
79	28.9	8.3	48.3





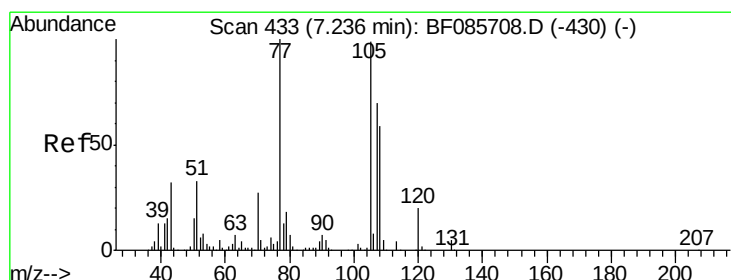
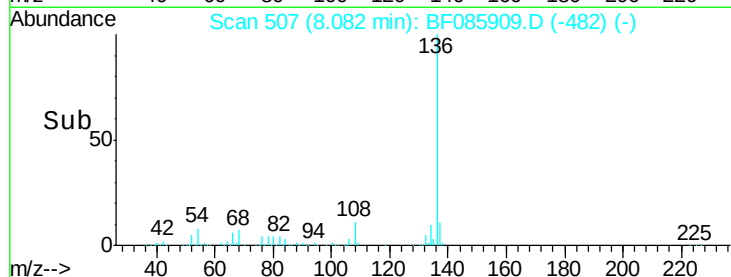
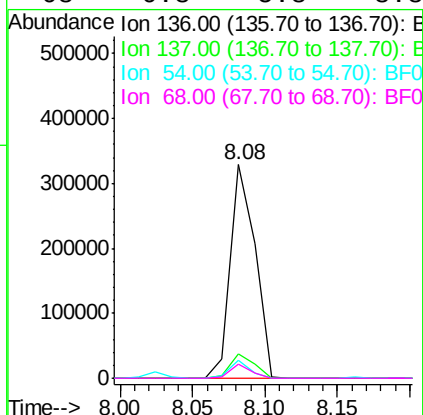
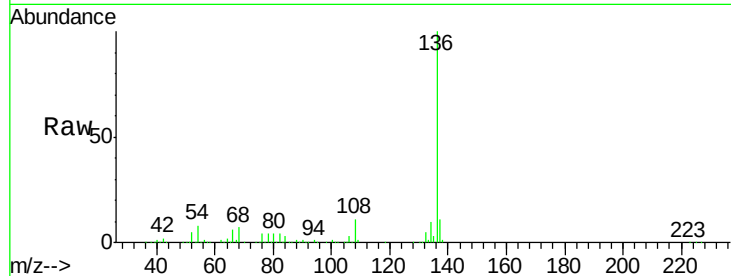
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF085909.D
Acq: 31 Mar 2016 3:57

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

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	389499		
137	11.3	9.1	13.7	
54	8.5	7.4	11.0	
68	6.8	5.8	8.8	

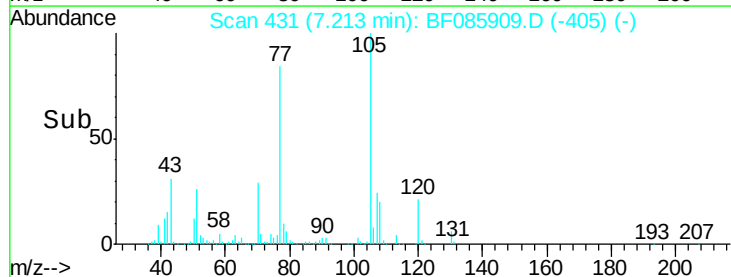
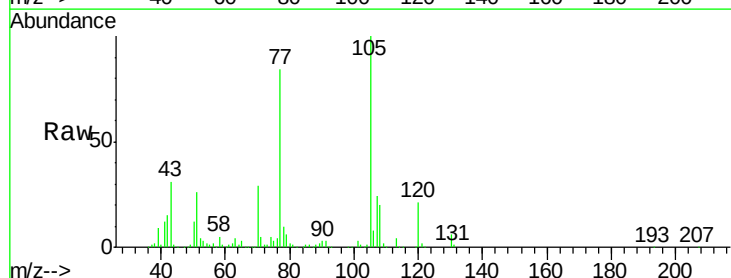
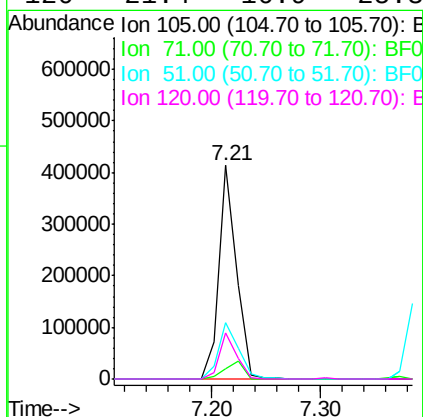
Manual Integrations
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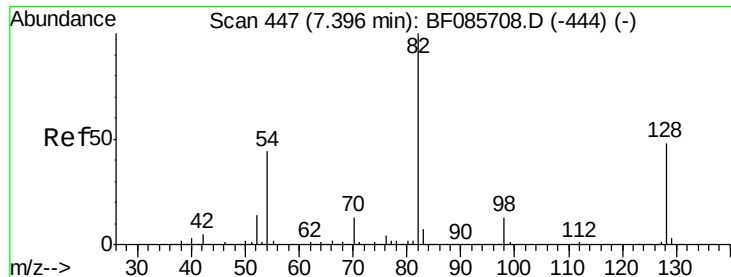
Sohil
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#22
Acetophenone
Concen: 51.43 ng
RT: 7.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: BF085909.D
Acq: 31 Mar 2016 3:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	466639		
71	4.8	3.6	5.4	
51	26.4	25.4	38.0	
120	21.4	16.9	25.3	





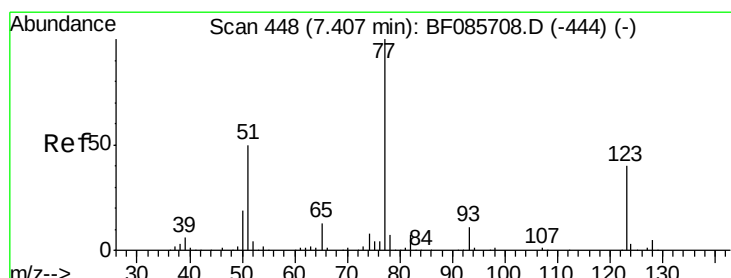
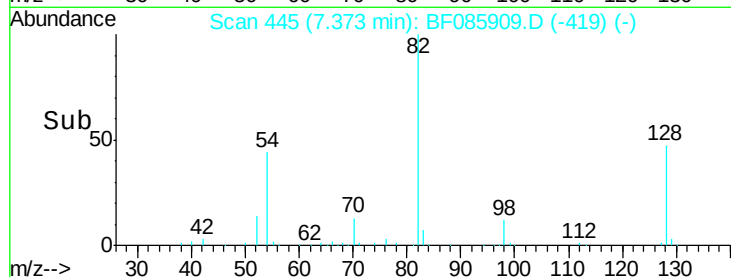
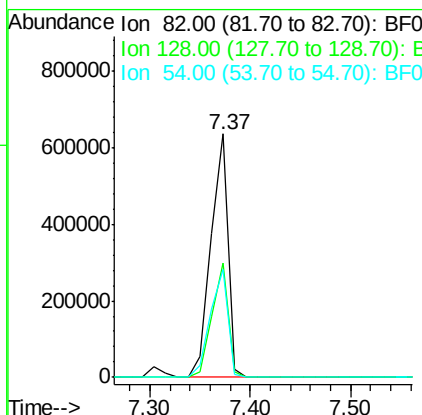
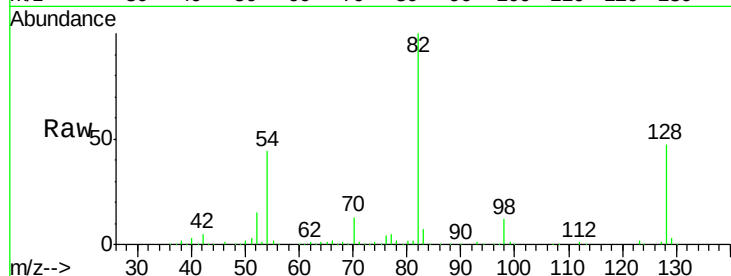
#23
 Nitrobenzene-d5
 Concen: 108.33 ng
 RT: 7.37 min Scan# 445
 Delta R.T. -0.00 min
 Lab File: BF085909.D
 Acq: 31 Mar 2016 3:57

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

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	46.9	41.8	62.8
54	44.2	33.4	50.0

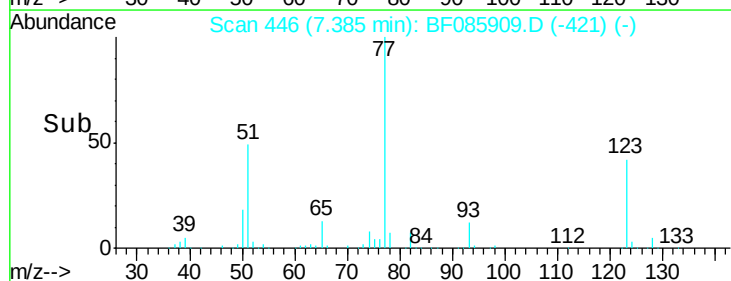
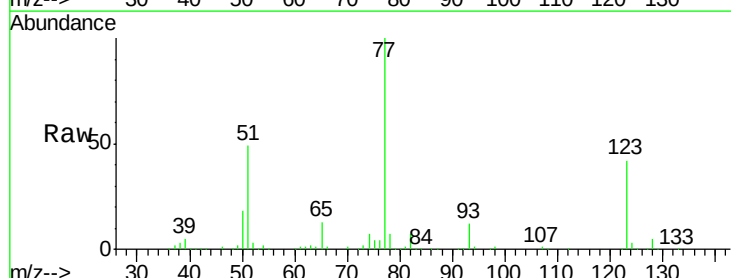
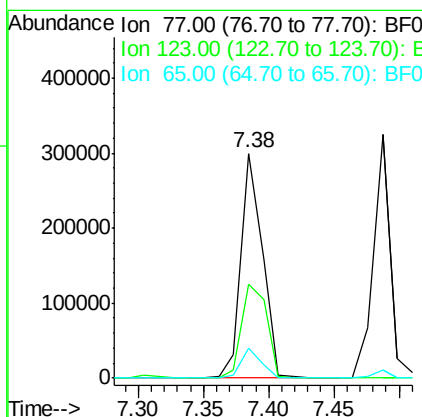
Manual Integrations
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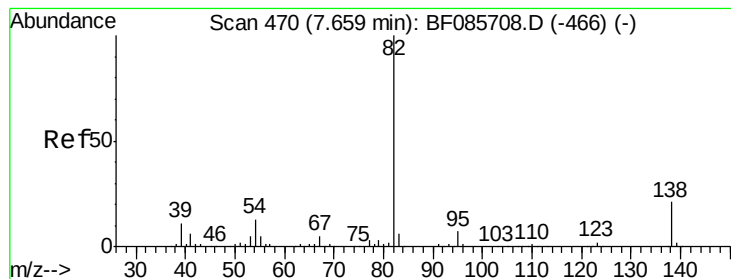
Sohil
 3/31/2016 4:52:46 PM



#24
 Nitrobenzene
 Concen: 47.39 ng
 RT: 7.38 min Scan# 446
 Delta R.T. -0.01 min
 Lab File: BF085909.D
 Acq: 31 Mar 2016 3:57

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	41.6	35.0	52.4
65	13.3	10.6	16.0





#25

Isophorone

Concen: 50.24 ng

RT: 7.62 min Scan# 467

Delta R.T. -0.01 min

Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

Instrument :

BNA_F

ClientSampleId :

BOTTOM-EAST-END-14BGLMS

Tgt Ion: 82 Resp: 669397
Ion Ratio Lower Upper

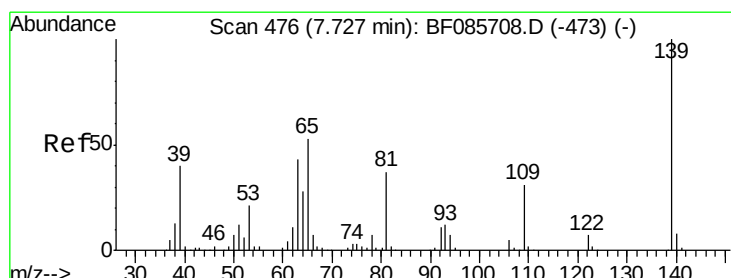
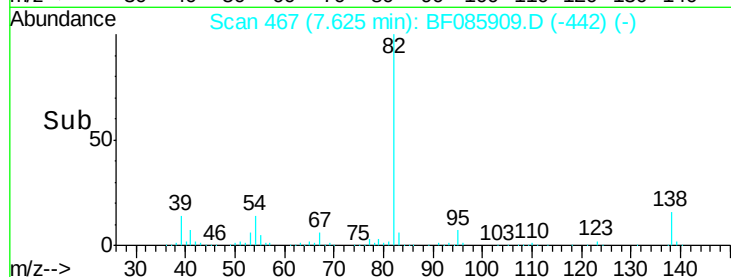
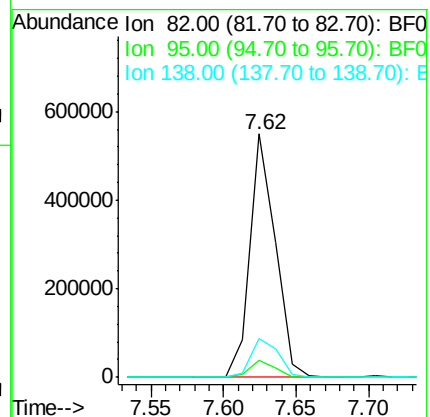
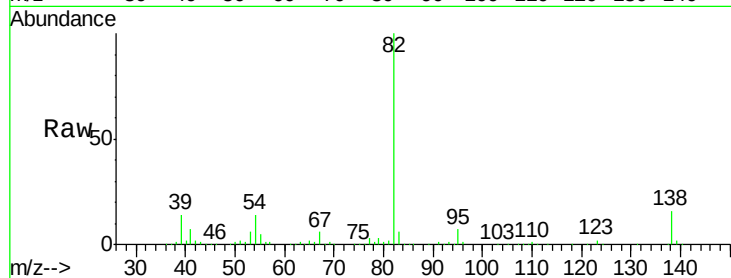
82 100

95 6.8 5.4 8.2

138 16.1 12.9 19.3

Manual Integrations
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3/31/2016 4:52:46 PM



#26

2-Nitrophenol

Concen: 52.31 ng

RT: 7.70 min Scan# 474

Delta R.T. -0.00 min

Lab File: BF085909.D

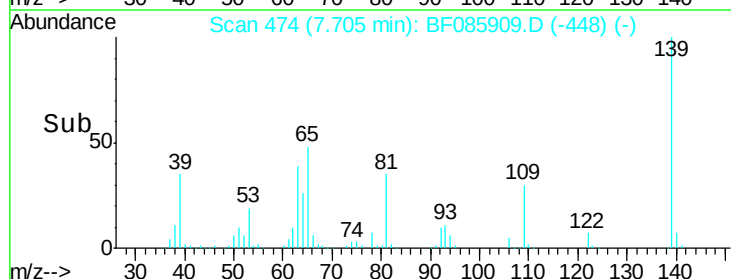
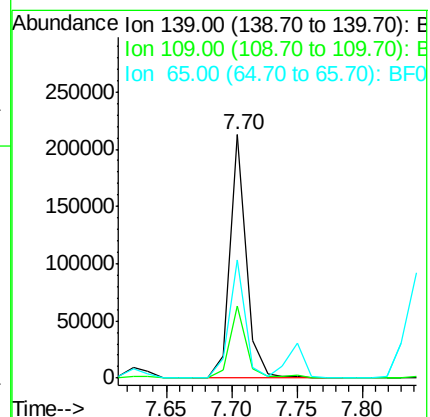
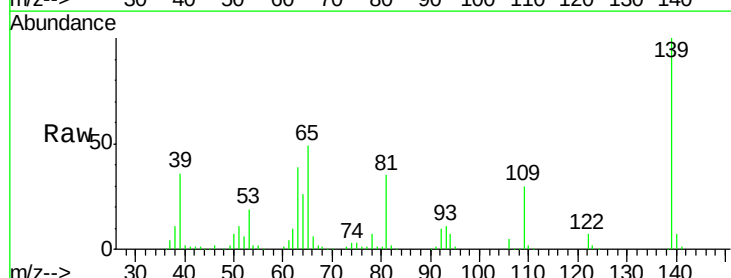
Acq: 31 Mar 2016 3:57

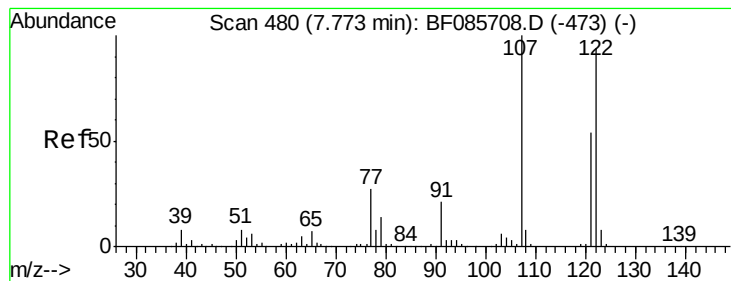
Tgt Ion: 139 Resp: 186577
Ion Ratio Lower Upper

139 100

109 29.6 22.1 33.1

65 48.6 33.9 50.9





#27

2,4-Dimethylphenol

Concen: 50.70 ng

RT: 7.75 min Scan# 478

Delta R.T. -0.00 min

Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

Instrument :

BNA_F

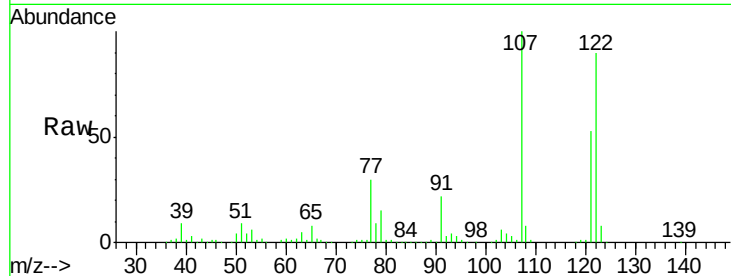
ClientSampleId :

BOTTOM-EAST-END-14BGLMS

Tgt Ion:	122	Resp:	316079
Ion Ratio	Lower	Upper	
122	100		
107	111.2	93.0	139.6
121	59.1	45.9	68.9

Manual Integrations
APPROVED

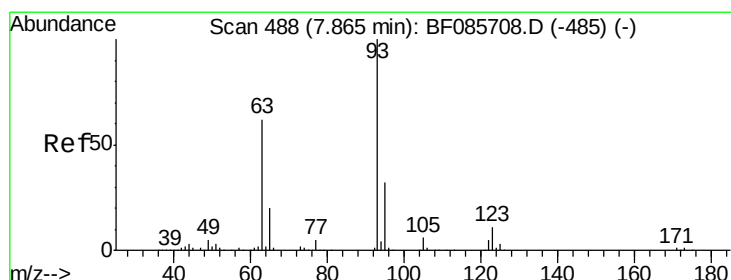
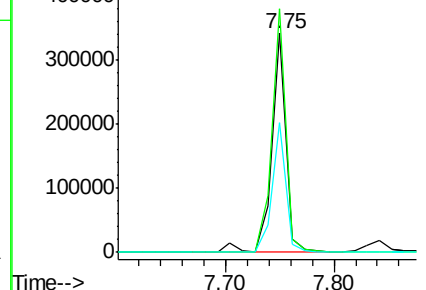
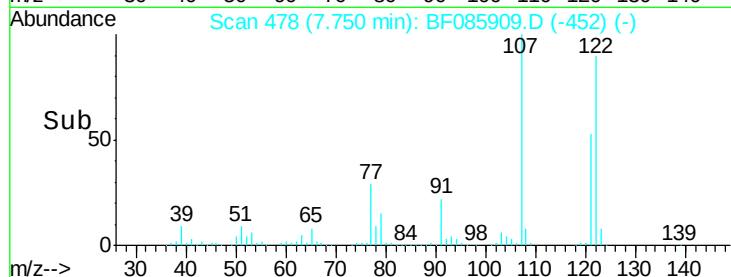
Sohil
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Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 57.83 ng

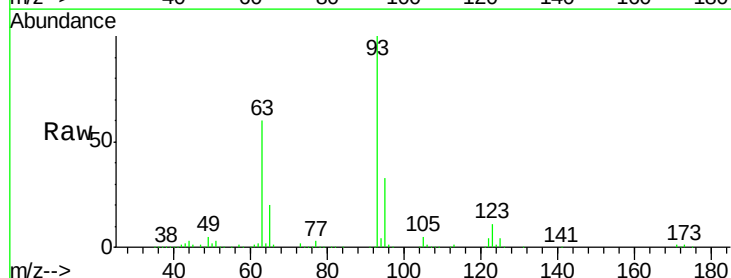
RT: 7.84 min Scan# 486

Delta R.T. -0.00 min

Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

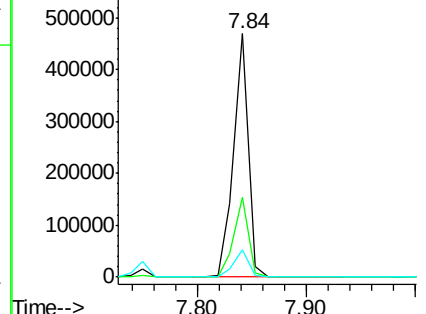
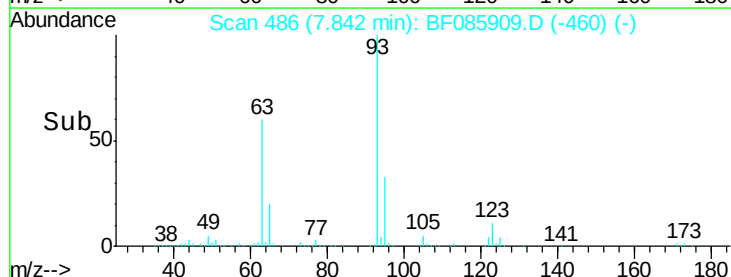
Tgt Ion:	93	Resp:	439045
Ion Ratio	Lower	Upper	
93	100		
95	32.9	26.4	39.6
123	11.2	9.8	14.6

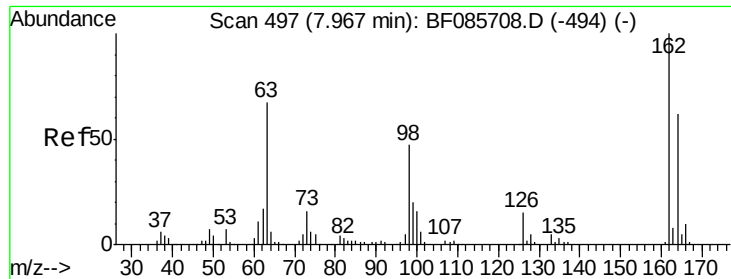


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





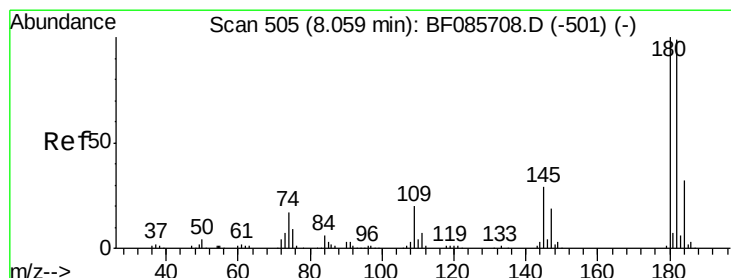
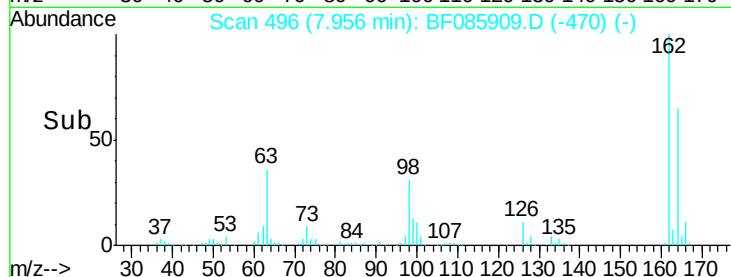
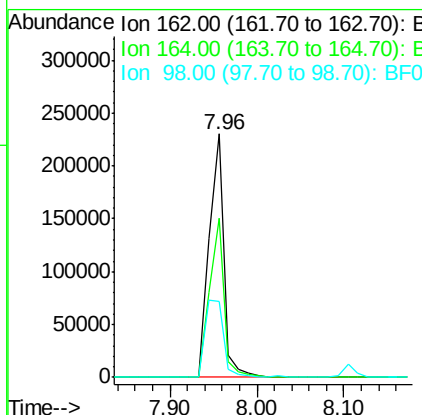
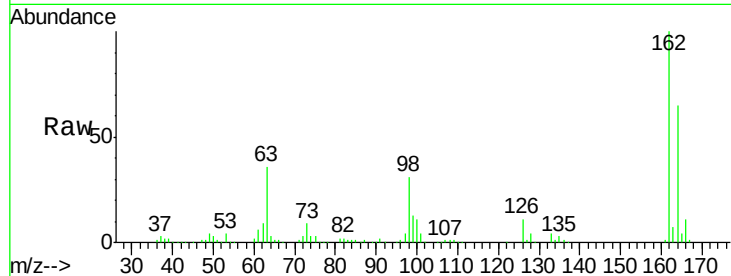
#29
2,4-Dichlorophenol
Concen: 52.37 ng
RT: 7.96 min Scan# 496
Delta R.T. -0.00 min
Lab File: BF085909.D
Acq: 31 Mar 2016 3:57

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

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	274476		
164	65.3	43.7	83.7	
98	31.2	20.4	60.4	

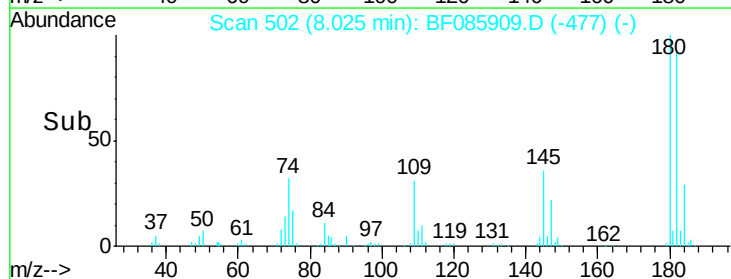
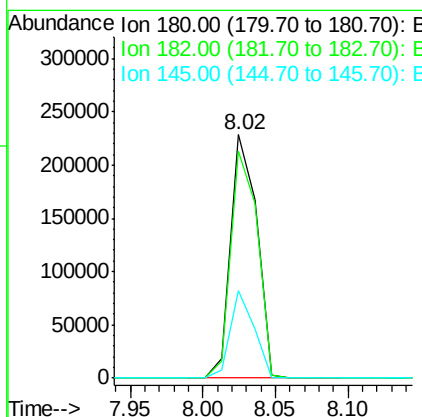
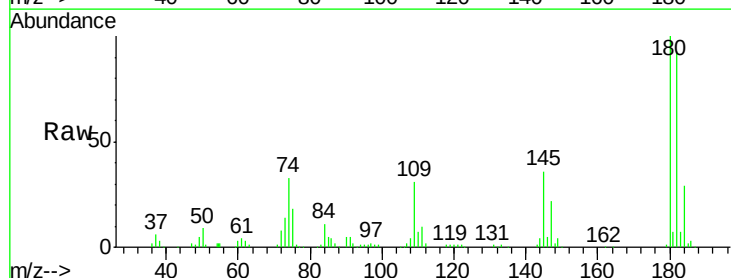
Manual Integrations
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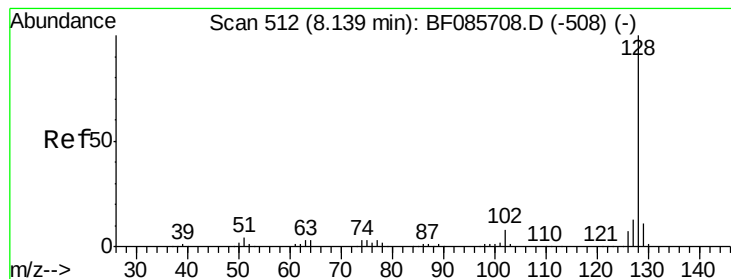
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3/31/2016 4:52:46 PM



#30
1,2,4-Trichlorobenzene
Concen: 49.14 ng
RT: 8.02 min Scan# 502
Delta R.T. -0.01 min
Lab File: BF085909.D
Acq: 31 Mar 2016 3:57

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	285930		
182	93.1	73.8	110.8	
145	35.8	28.4	42.6	





#31

Naphthalene

Concen: 47.05 ng

RT: 8.10 min Scan# 509

Delta R.T. -0.00 min

Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

Instrument :

BNA_F

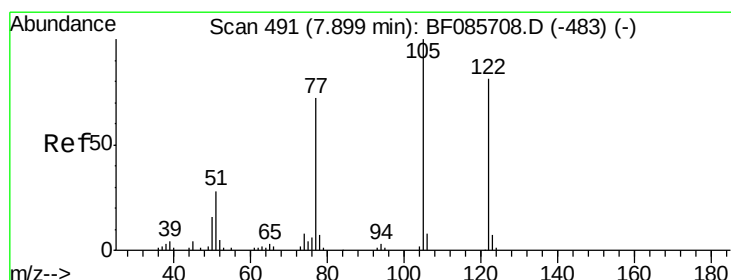
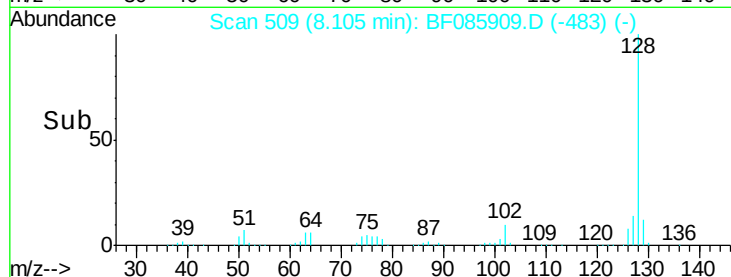
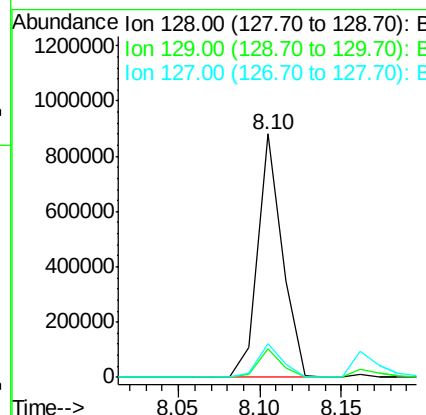
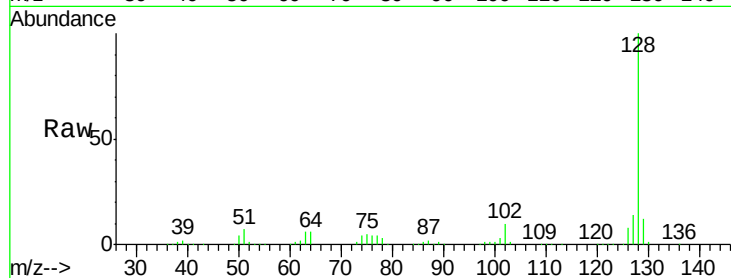
ClientSampleId :

BOTTOM-EAST-END-14BGLMS

Tgt Ion:	128	Resp:	923493
Ion Ratio	Lower	Upper	
128	100		
129	11.6	9.4	14.0
127	13.6	11.0	16.6

Manual Integrations
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#32

Benzoic acid

Concen: 7.50 ng

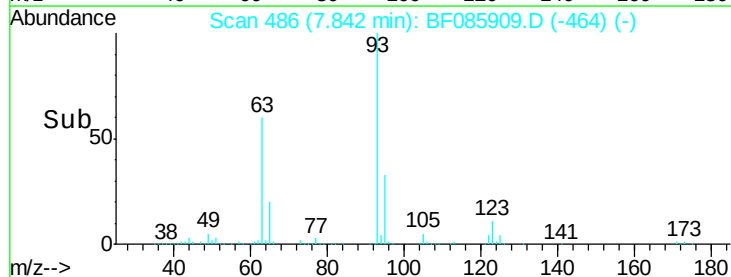
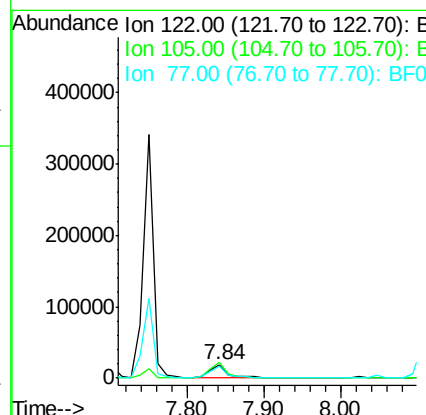
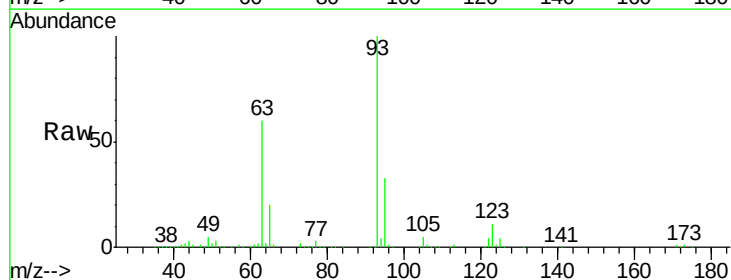
RT: 7.84 min Scan# 486

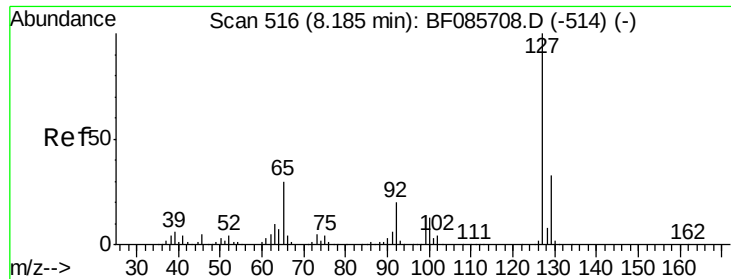
Delta R.T. -0.05 min

Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

Tgt Ion:	122	Resp:	31049
Ion Ratio	Lower	Upper	
122	100		
105	114.6	102.9	142.9
77	86.8	71.8	111.8





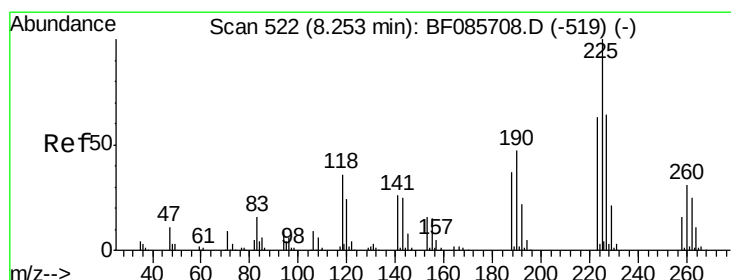
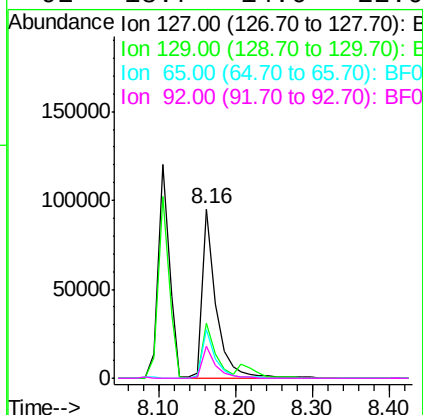
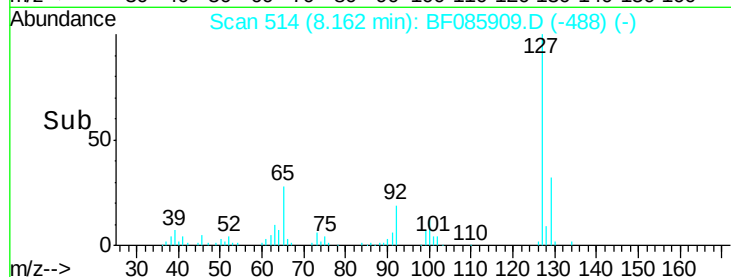
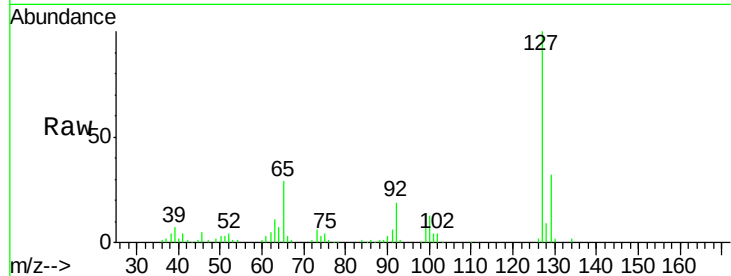
#33
4-Chloroaniline
Concen: 14.90 ng
RT: 8.16 min Scan# 514
Delta R.T. -0.00 min
Lab File: BF085909.D
Acq: 31 Mar 2016 3:57

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

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	119409		
129	32.2	26.1	39.1	
65	28.9	19.5	29.3	
92	18.7	14.6	22.0	

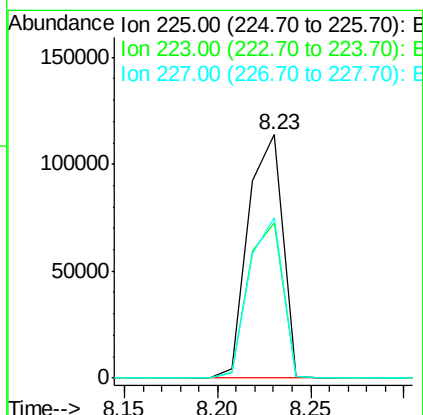
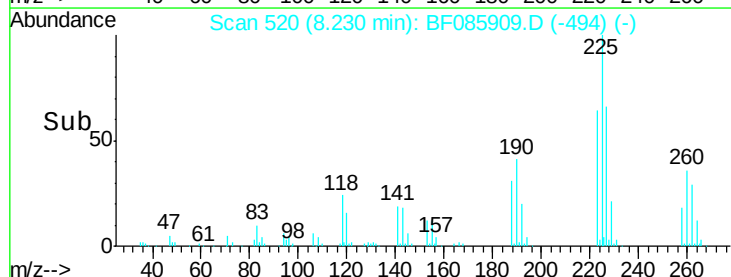
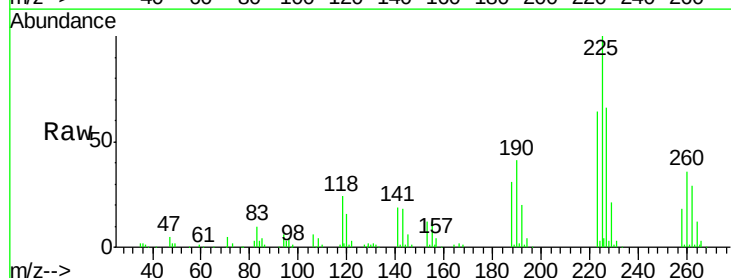
Manual Integrations
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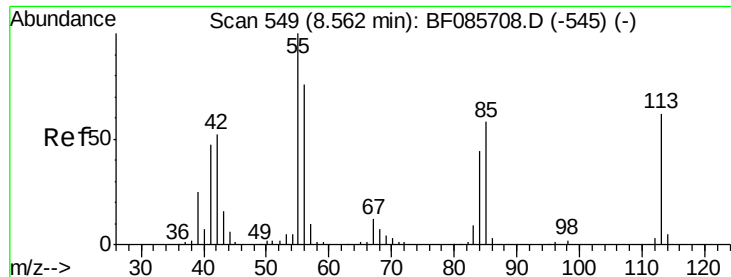
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#34
Hexachlorobutadiene
Concen: 45.75 ng
RT: 8.23 min Scan# 520
Delta R.T. -0.00 min
Lab File: BF085909.D
Acq: 31 Mar 2016 3:57

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	144679		
223	63.6	50.4	75.6	
227	66.0	51.4	77.2	





#35

Caprolactam

Concen: 49.34 ng

RT: 8.54 min Scan# 547

Delta R.T. -0.01 min

Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

Instrument :

BNA_F

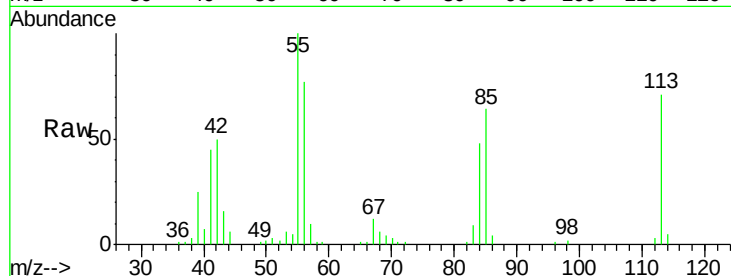
ClientSampleId :

BOTTOM-EAST-END-14BGLMS

Tgt Ion:	113	Resp:	91614
Ion Ratio	Lower	Upper	
113	100		
55	140.3	139.4	179.4
56	108.6	100.4	140.4

Manual Integrations
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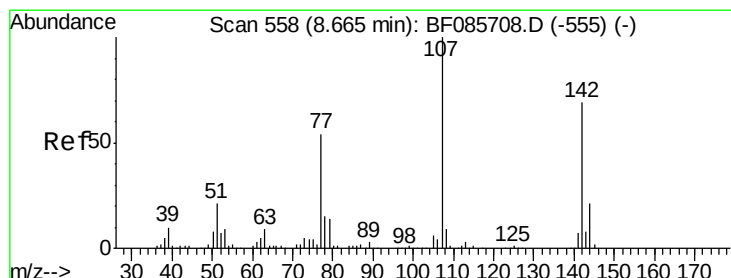
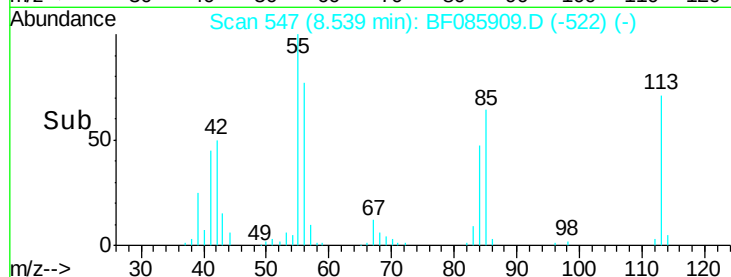
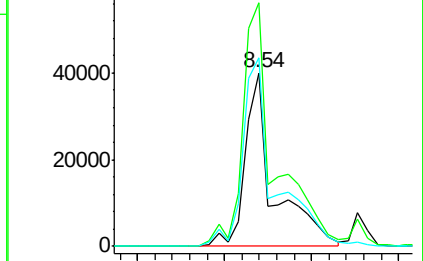
Sohil
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 48.01 ng

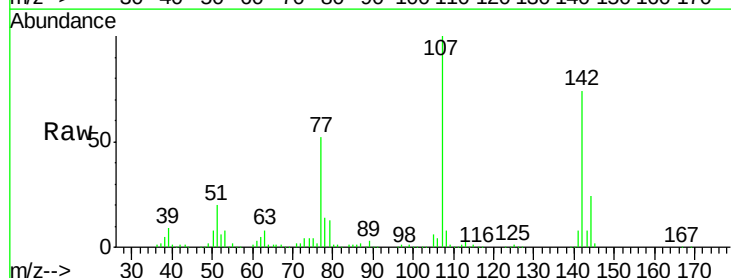
RT: 8.65 min Scan# 557

Delta R.T. -0.00 min

Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

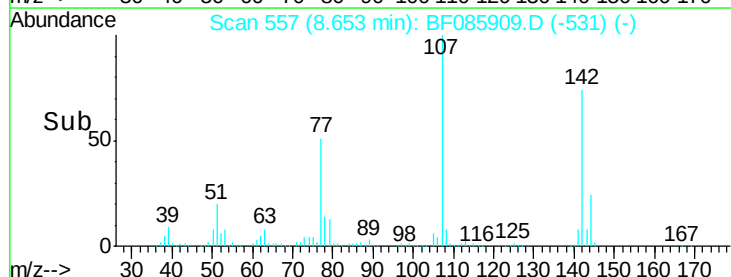
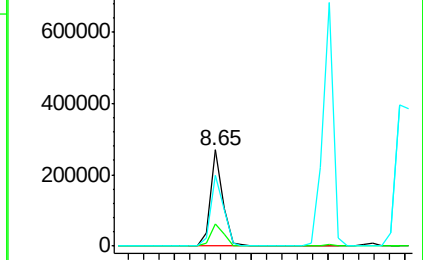
Tgt Ion:	107	Resp:	293902
Ion Ratio	Lower	Upper	
107	100		
144	23.6	19.3	28.9
142	74.2	61.4	92.0

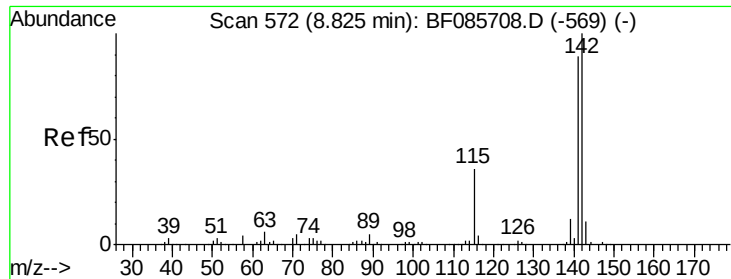


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





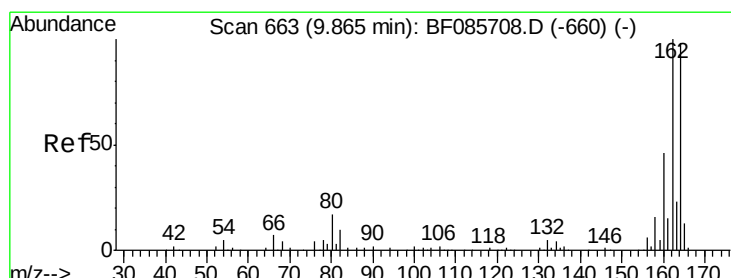
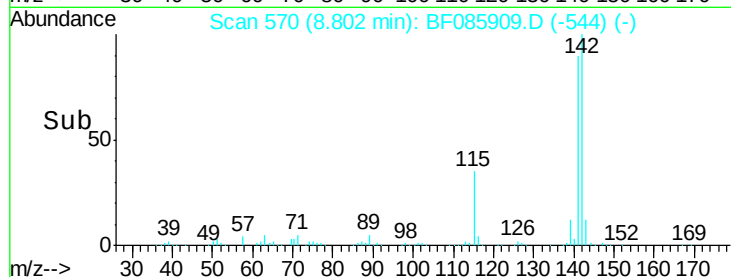
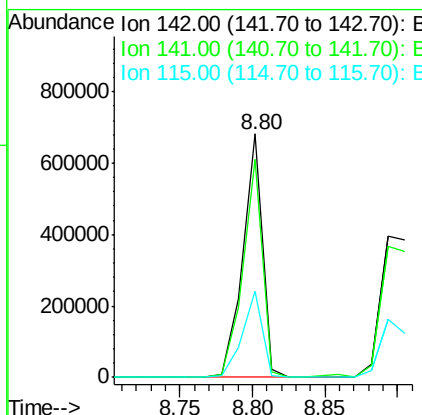
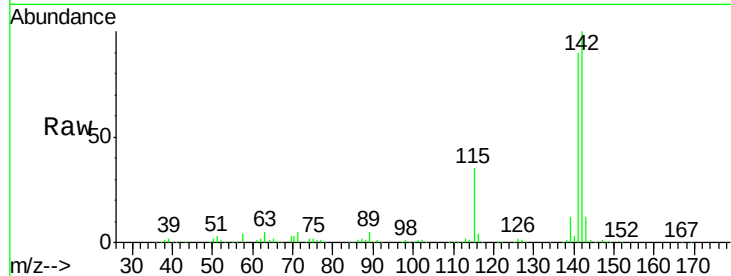
#37
 2-Methylnaphthalene
 Concen: 61.36 ng
 RT: 8.80 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: BF085909.D
 Acq: 31 Mar 2016 3:57

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

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	642321		
141	89.7	71.6	107.4	
115	35.4	26.8	40.2	

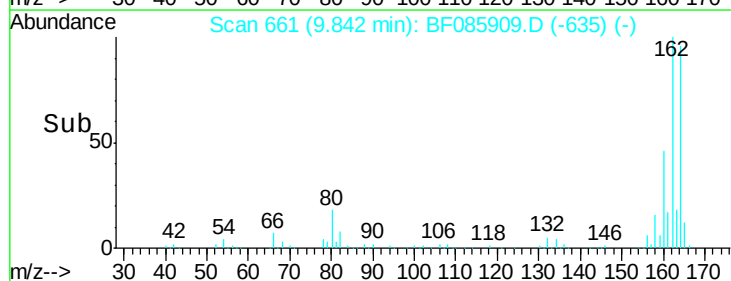
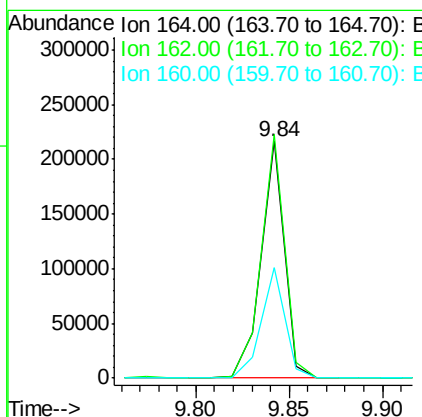
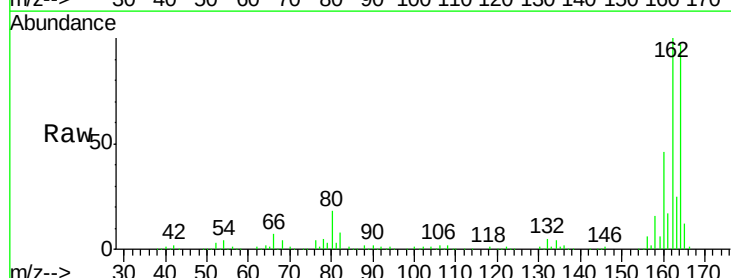
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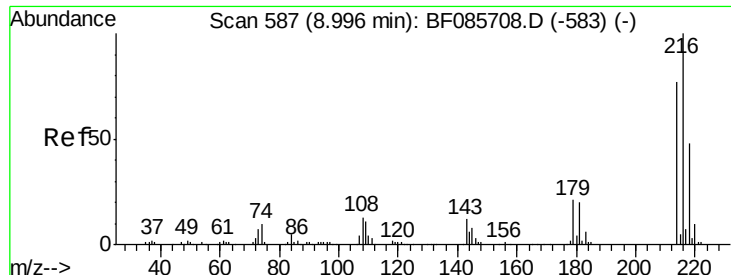
Sohil
 3/31/2016 4:52:46 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 661
 Delta R.T. -0.00 min
 Lab File: BF085909.D
 Acq: 31 Mar 2016 3:57

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	185317		
162	102.8	82.1	123.1	
160	46.9	37.4	56.2	





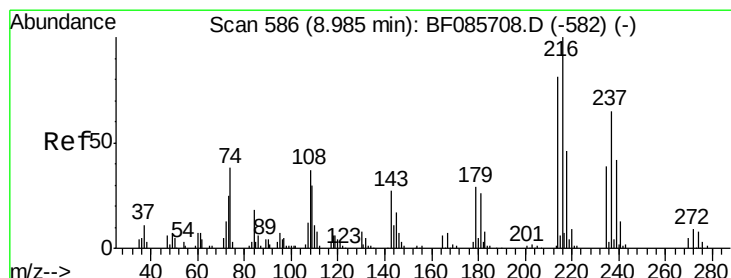
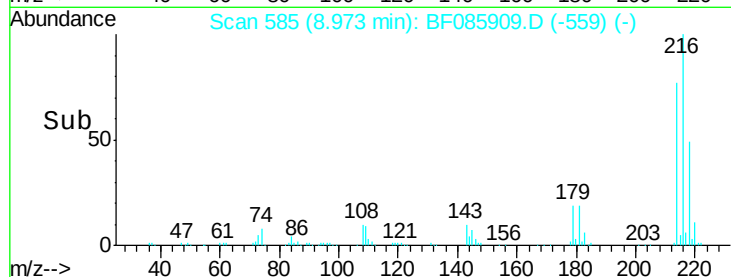
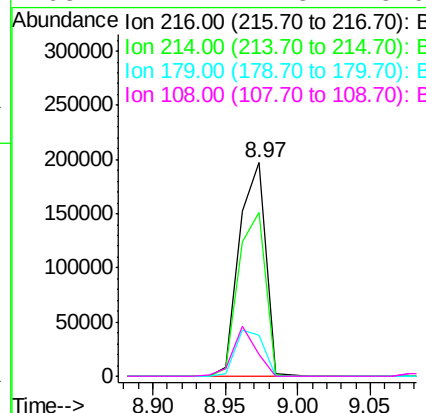
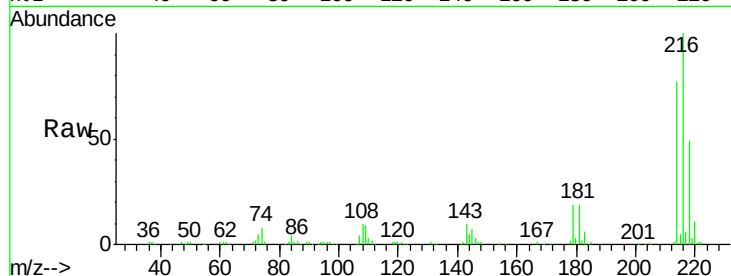
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.08 ng
 RT: 8.97 min Scan# 585
 Delta R.T. -0.00 min
 Lab File: BF085909.D
 Acq: 31 Mar 2016 3:57

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

Tgt Ion	Ratio	Resp Lower	Upper
216	100		
214	78.8	63.1	94.7
179	23.2	18.2	27.2
108	21.2	17.3	25.9

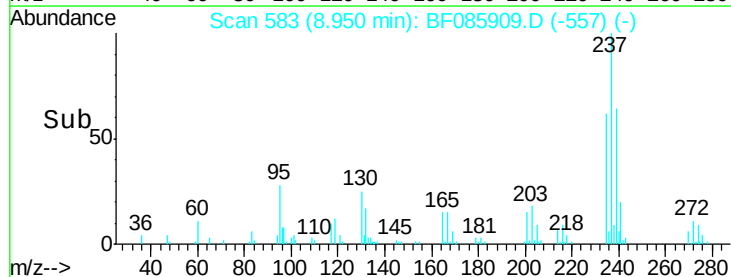
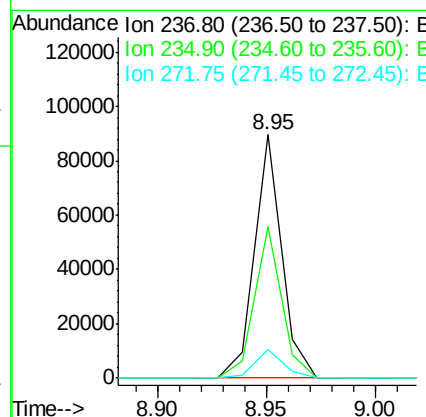
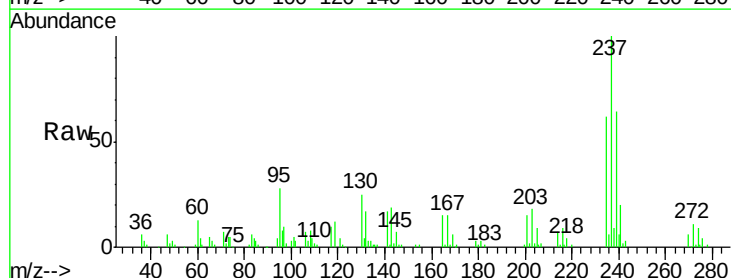
Manual Integrations
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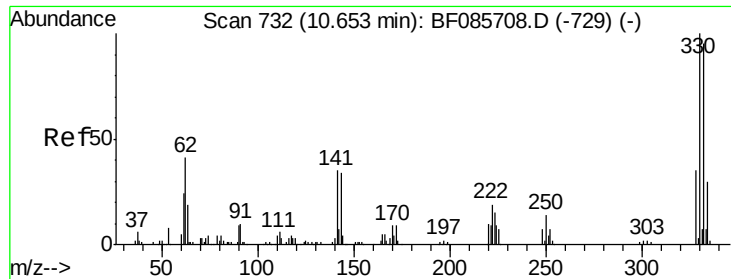
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#40
 Hexachlorocyclopentadiene
 Concen: 39.20 ng
 RT: 8.95 min Scan# 583
 Delta R.T. -0.00 min
 Lab File: BF085909.D
 Acq: 31 Mar 2016 3:57

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	62.4	43.7	83.7
272	11.5	0.0	31.9





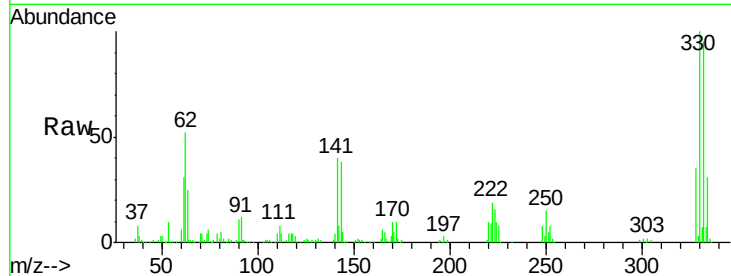
#41
 2,4,6-Tribromophenol
 Concen: 131.97 ng
 RT: 10.63 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: BF085909.D
 Acq: 31 Mar 2016 3:57

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

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	232360		
332	96.0	78.2	117.2	
141	37.6	31.5	47.3	

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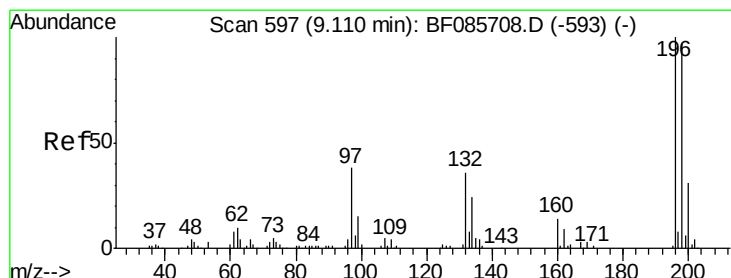
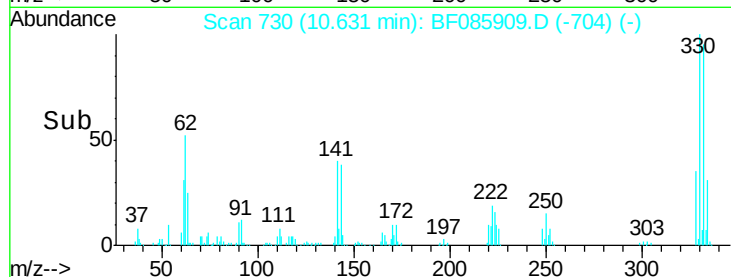
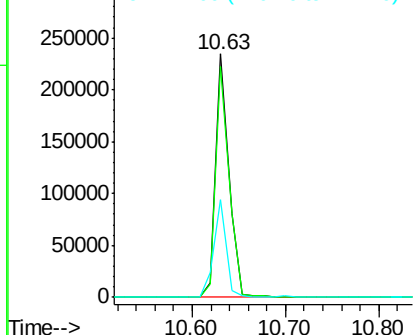


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 51.08 ng
 RT: 9.09 min Scan# 595
 Delta R.T. -0.00 min
 Lab File: BF085909.D
 Acq: 31 Mar 2016 3:57

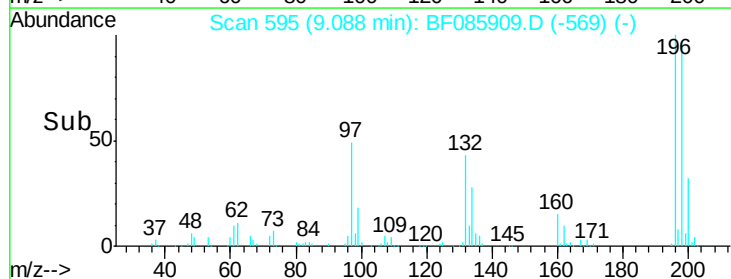
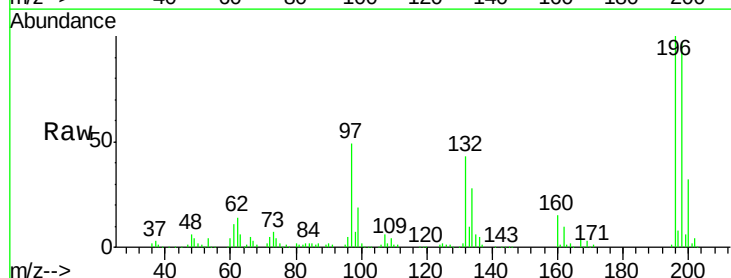
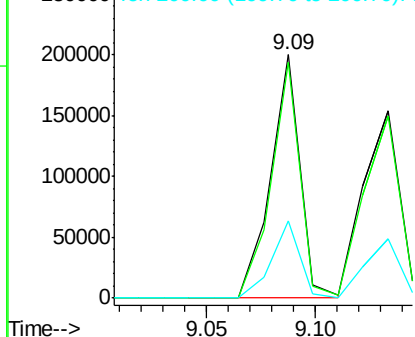
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	189581		
198	96.9	75.3	112.9	
200	31.6	23.7	35.5	

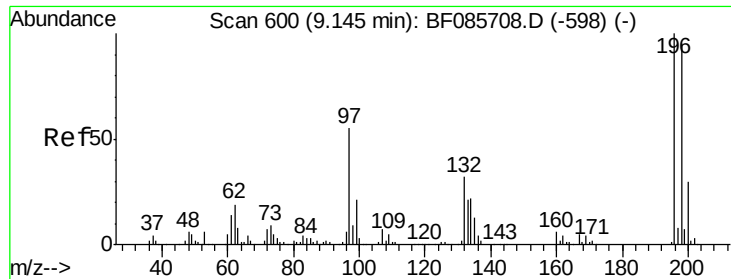
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





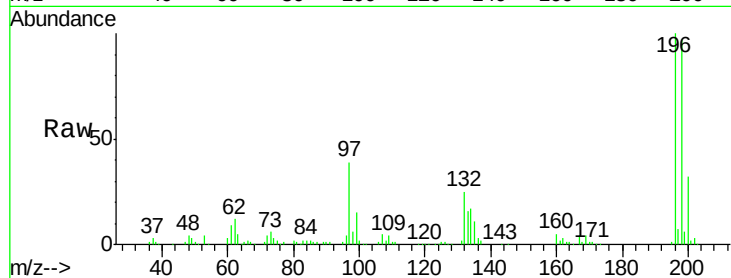
#43
 2,4,5-Trichlorophenol
 Concen: 47.27 ng
 RT: 9.13 min Scan# 599
 Delta R.T. -0.00 min
 Lab File: BF085909.D
 Acq: 31 Mar 2016 3:57

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

Tgt Ion:	196	Resp:	183976
Ion Ratio	Lower	Upper	
196	100		
198	97.3	76.6	114.8
97	39.1	30.5	45.7
132	24.9	20.2	30.2

Manual Integrations
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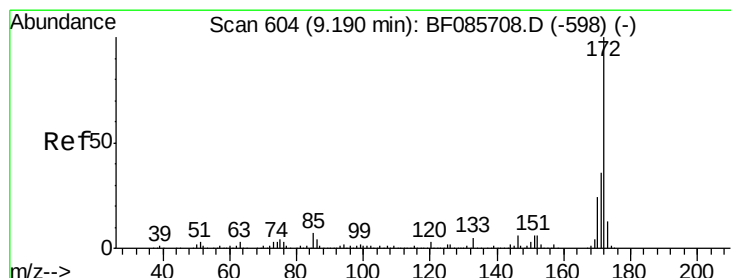
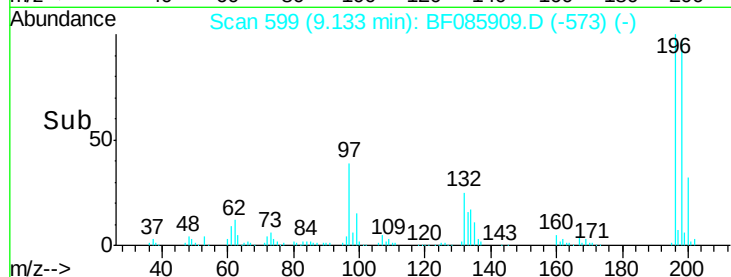
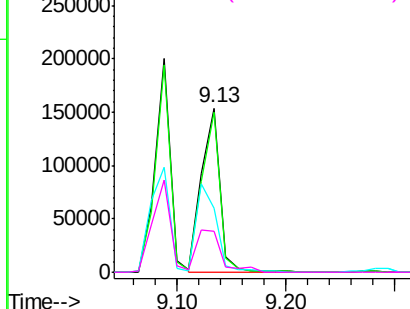
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 103.08 ng
 RT: 9.17 min Scan# 602
 Delta R.T. -0.00 min
 Lab File: BF085909.D
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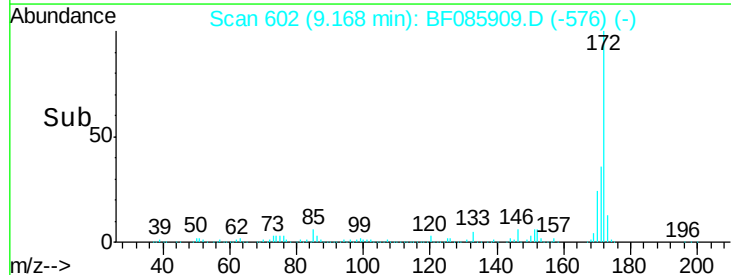
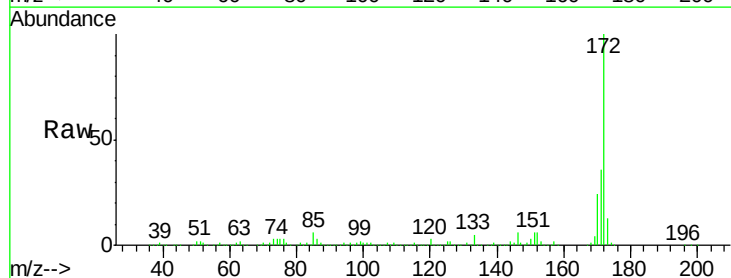
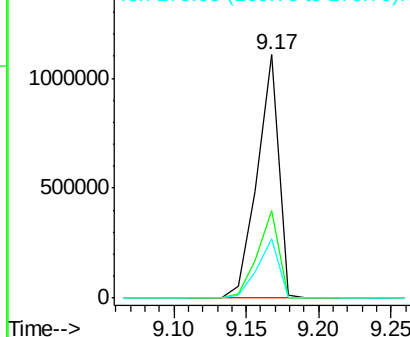
Tgt Ion:	172	Resp:	1143379
Ion Ratio	Lower	Upper	
172	100		
171	36.0	29.4	44.2
170	24.4	19.8	29.6

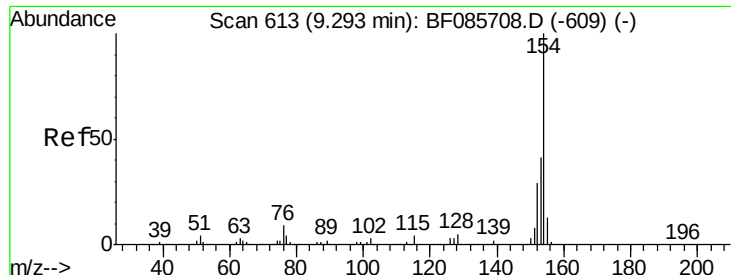
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 45.05 ng

RT: 9.27 min Scan# 611

Delta R.T. -0.00 min

Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

Instrument :

BNA_F

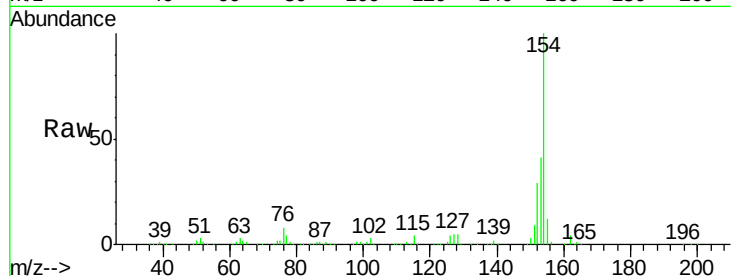
ClientSampleId :

BOTTOM-EAST-END-14BGLMS

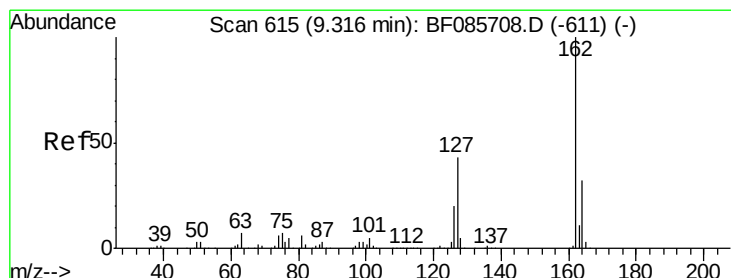
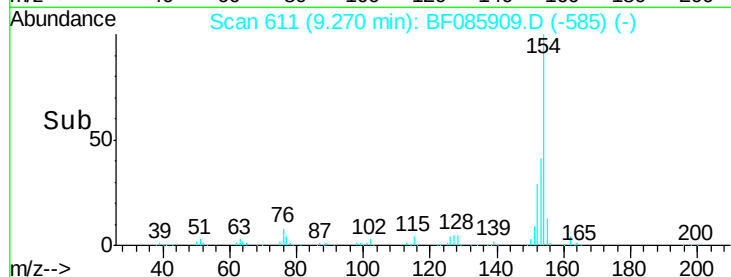
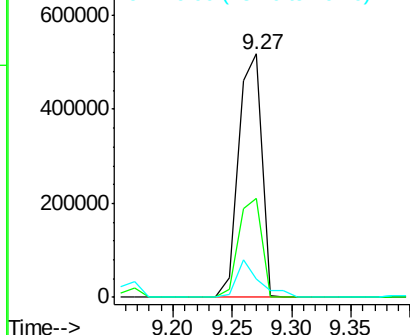
Tgt Ion:	154	Resp:	704481
Ion Ratio	Lower	Upper	
154	100		
153	40.7	20.8	60.8
76	7.7	0.0	36.7

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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: 49.65 ng

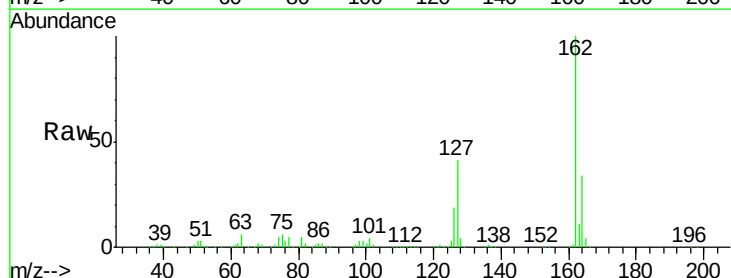
RT: 9.29 min Scan# 613

Delta R.T. -0.00 min

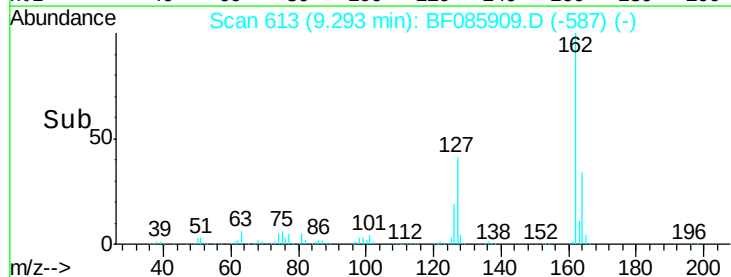
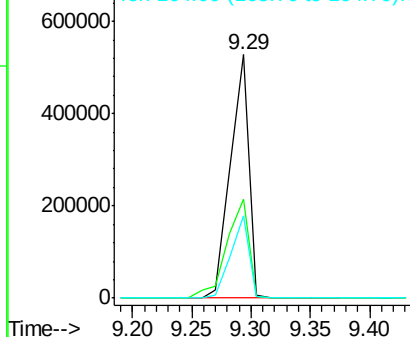
Lab File: BF085909.D

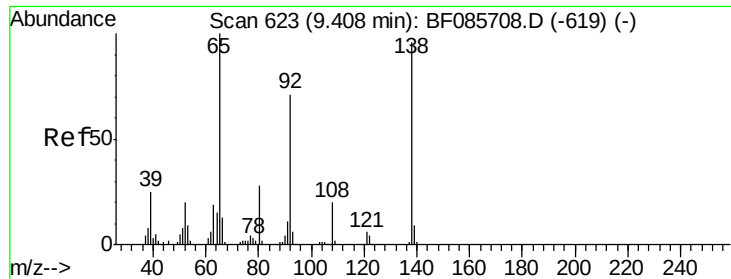
Acq: 31 Mar 2016 3:57

Tgt Ion:	162	Resp:	570848
Ion Ratio	Lower	Upper	
162	100		
127	40.7	31.7	47.5
164	33.6	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: 50.60 ng

RT: 9.40 min Scan# 622

Delta R.T. -0.00 min

Lab File: BF085909.D

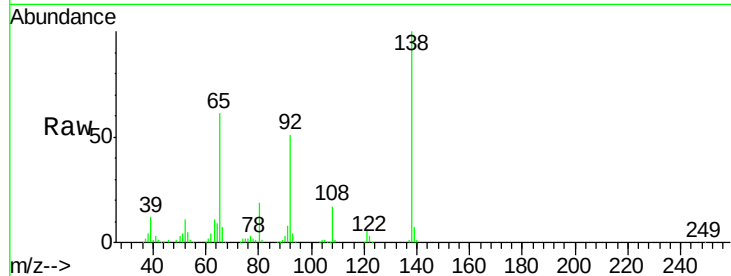
Acq: 31 Mar 2016 3:57

Instrument :

BNA_F

ClientSampleId :

BOTTOM-EAST-END-14BGLMS



Tgt Ion: 65 Resp: 177910

Ion Ratio Lower Upper

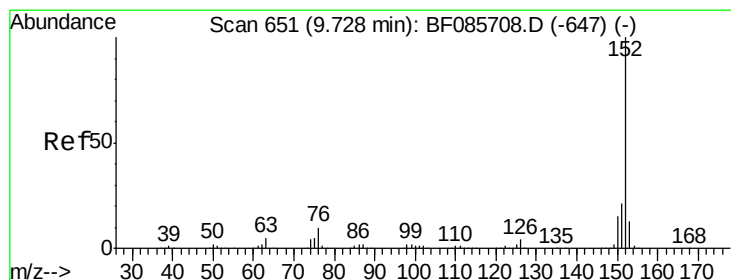
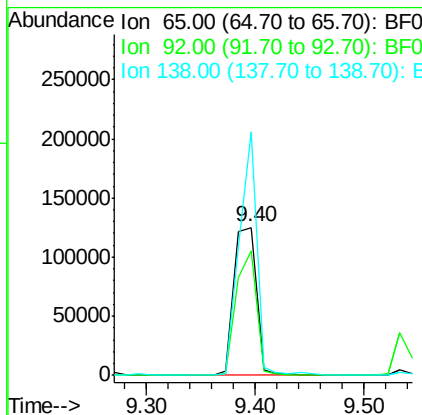
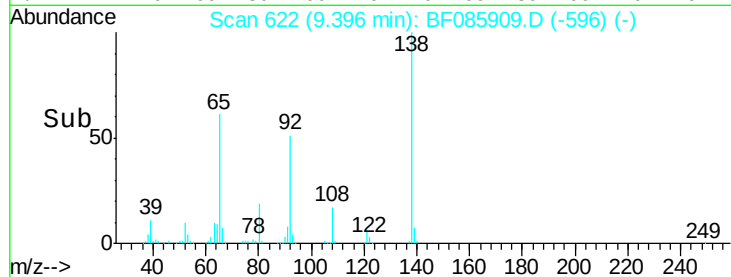
65 100

92 84.1 59.7 89.5

138 164.5 91.4 137.0#

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#48

Acenaphthylene

Concen: 48.41 ng

RT: 9.70 min Scan# 649

Delta R.T. -0.00 min

Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

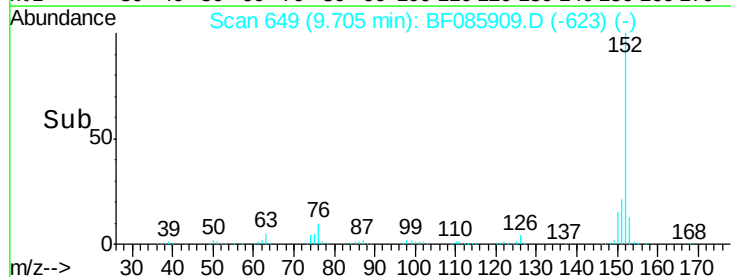
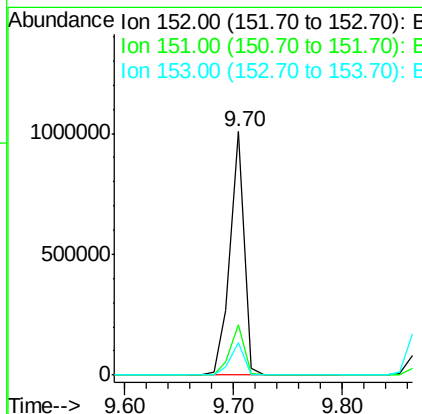
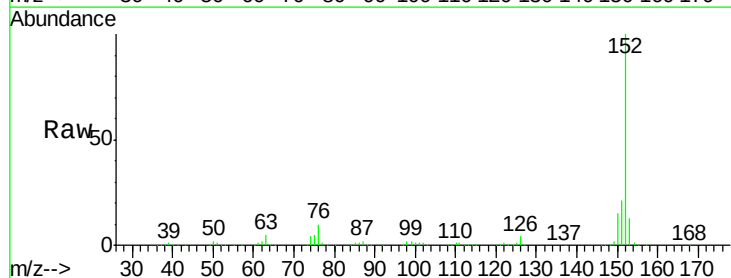
Tgt Ion: 152 Resp: 906963

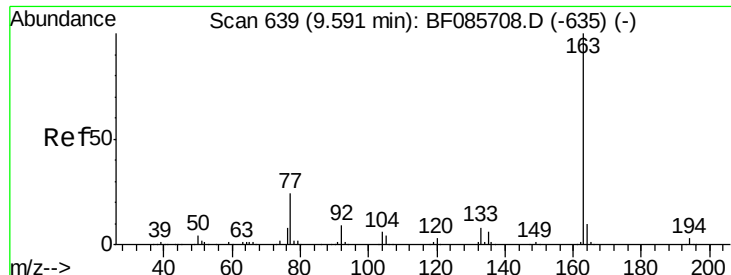
Ion Ratio Lower Upper

152 100

151 20.6 16.8 25.2

153 13.2 10.9 16.3





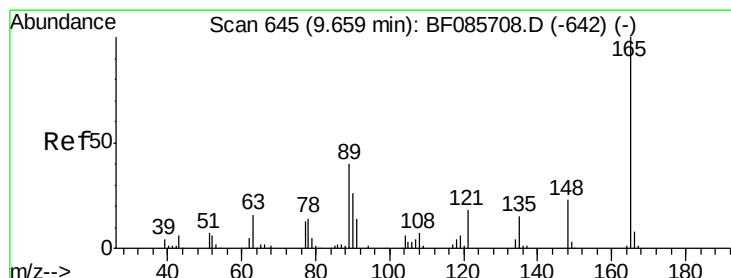
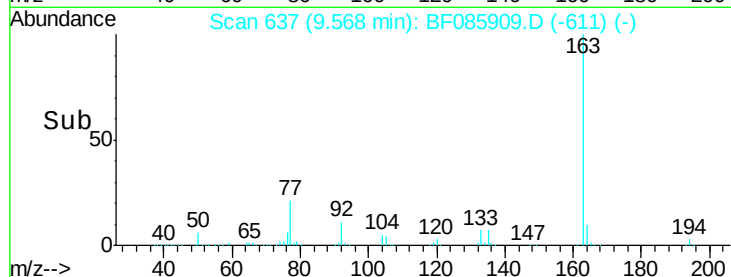
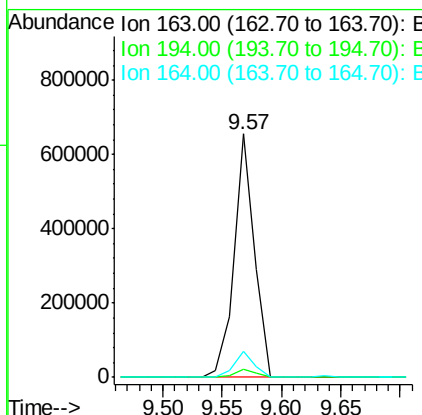
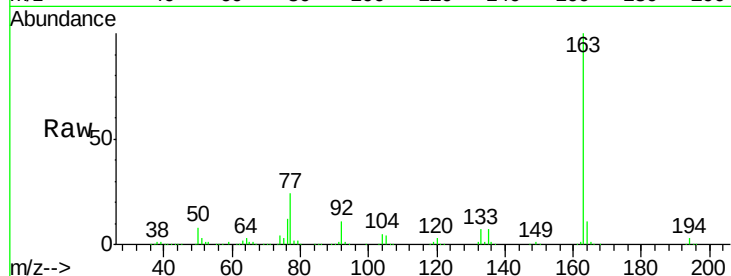
#49
Dimethylphthalate
Concen: 55.11 ng
RT: 9.57 min Scan# 637
Delta R.T. -0.00 min
Lab File: BF085909.D
Acq: 31 Mar 2016 3:57

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.3	2.9	4.3
164	10.5	8.3	12.5

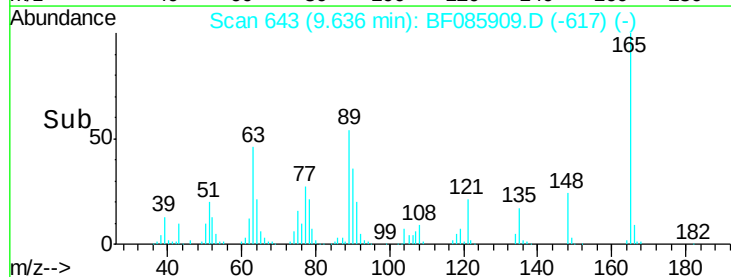
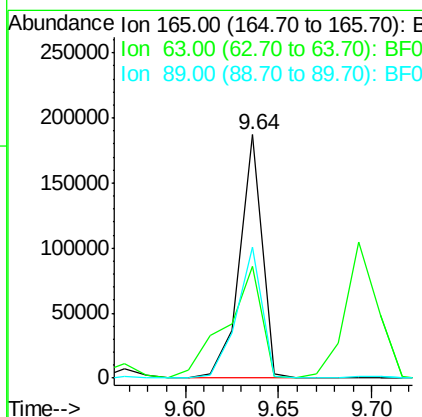
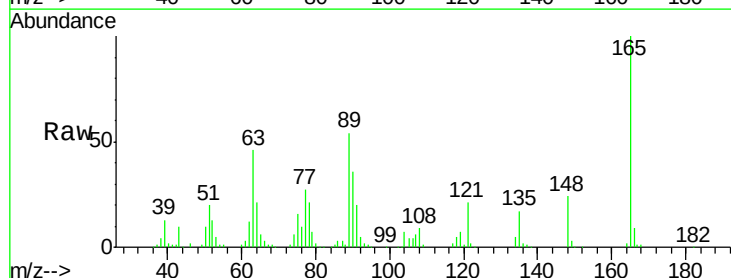
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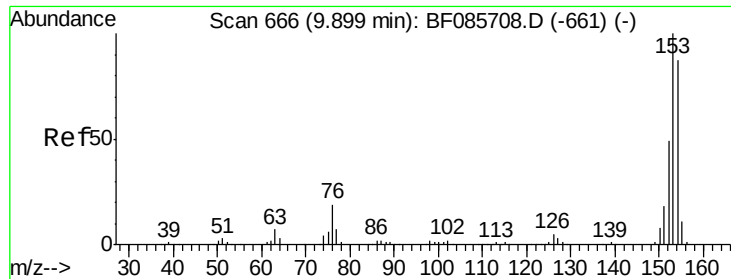
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#50
2,6-Dinitrotoluene
Concen: 52.30 ng
RT: 9.64 min Scan# 643
Delta R.T. -0.00 min
Lab File: BF085909.D
Acq: 31 Mar 2016 3:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	45.9	51.8	77.8#
89	54.0	53.7	80.5





#51

Acenaphthene

Concen: 46.24 ng

RT: 9.88 min Scan# 664

Delta R.T. -0.00 min

Lab File: BF085909.D

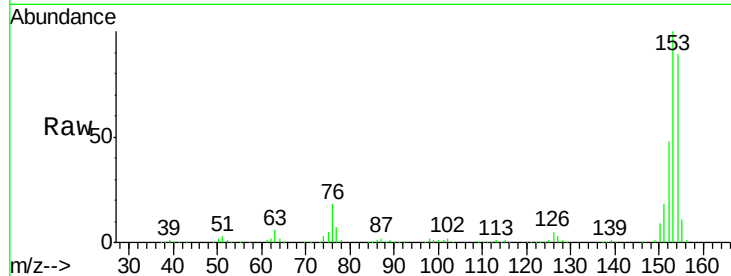
Acq: 31 Mar 2016 3:57

Instrument :

BNA_F

ClientSampleId :

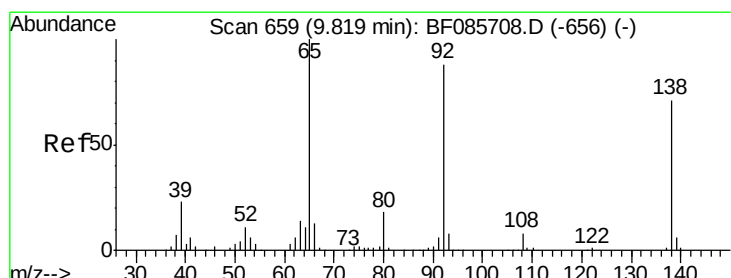
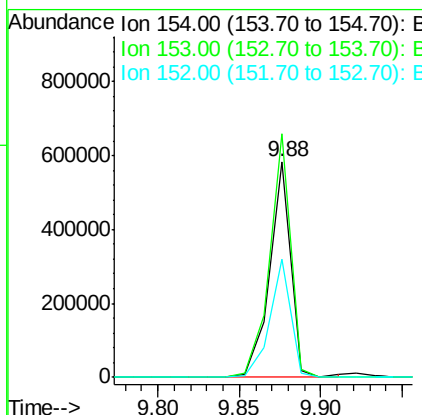
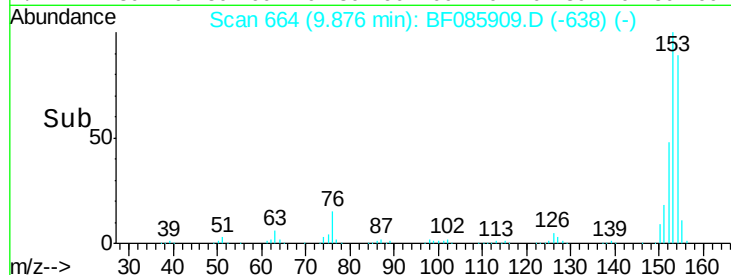
BOTTOM-EAST-END-14BGLMS



Tgt Ion:	154	Resp:	529232
Ion Ratio	Lower	Upper	
154	100		
153	112.7	90.1	135.1
152	54.5	44.2	66.2

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#52

3-Nitroaniline

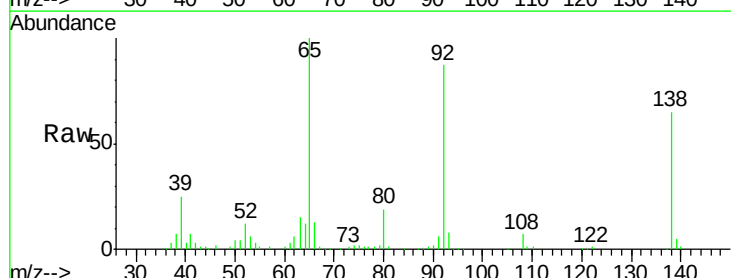
Concen: 30.35 ng

RT: 9.80 min Scan# 657

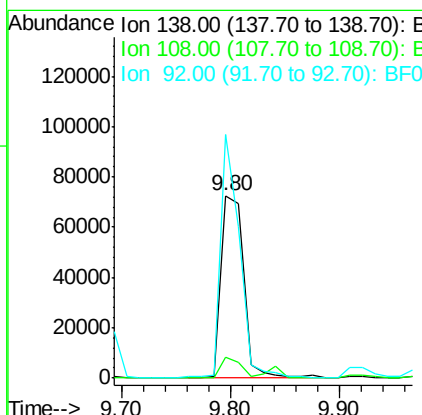
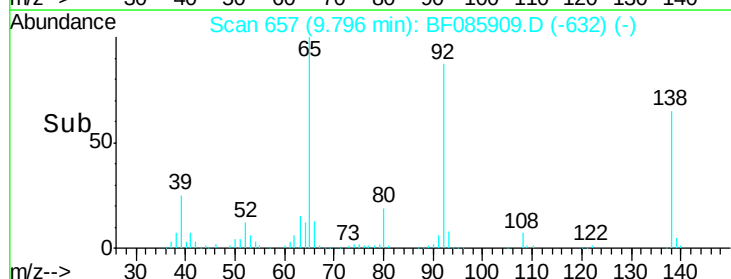
Delta R.T. -0.01 min

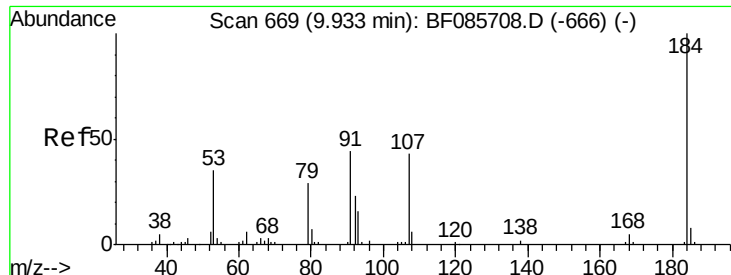
Lab File: BF085909.D

Acq: 31 Mar 2016 3:57



Tgt Ion:	138	Resp:	105138
Ion Ratio	Lower	Upper	
138	100		
108	11.3	8.7	13.1
92	133.6	93.3	139.9





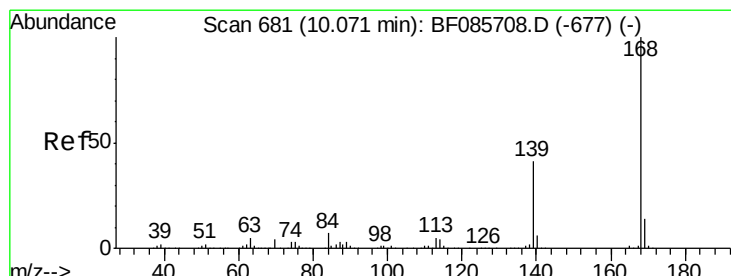
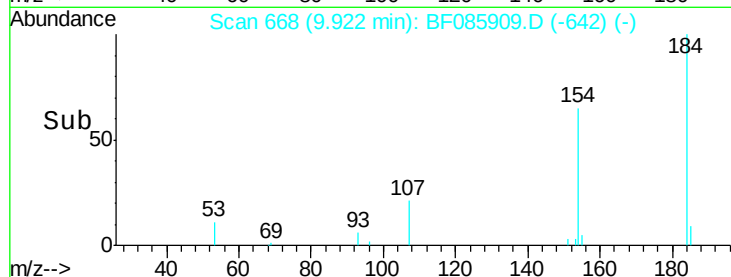
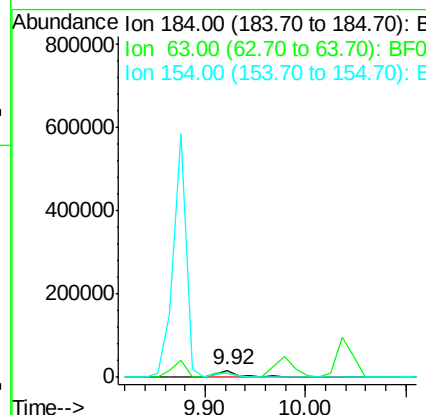
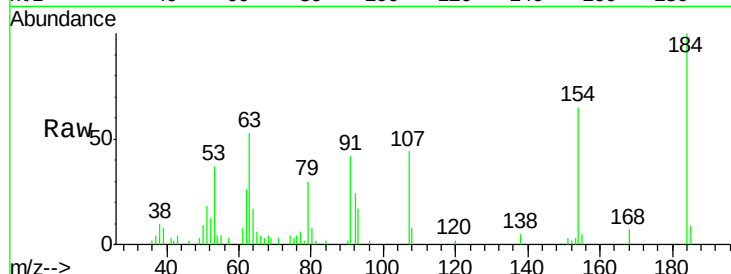
#53
 2,4-Dinitrophenol
 Concen: 22.39 ng
 RT: 9.92 min Scan# 668
 Delta R.T. -0.00 min
 Lab File: BF085909.D
 Acq: 31 Mar 2016 3:57

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

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	27050		
63	53.1	69.5	104.3	#
154	64.7	58.3	87.5	

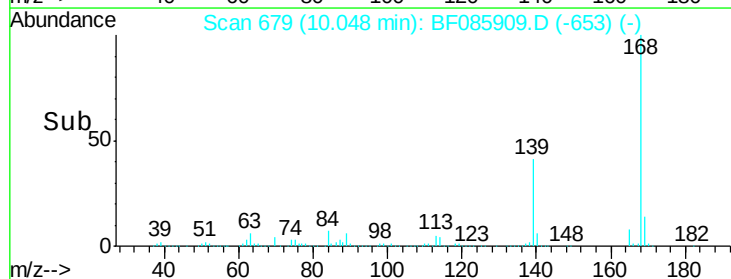
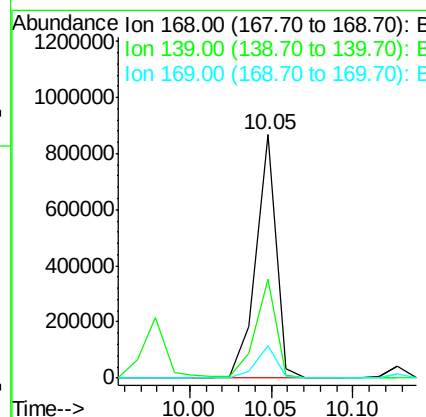
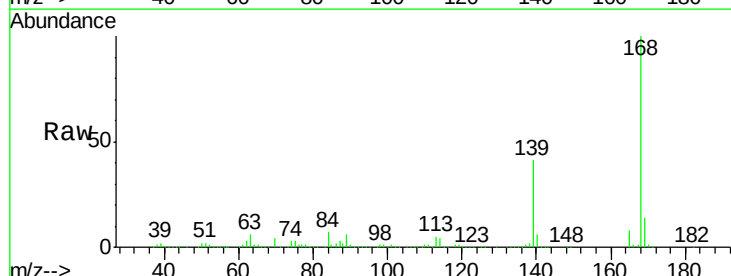
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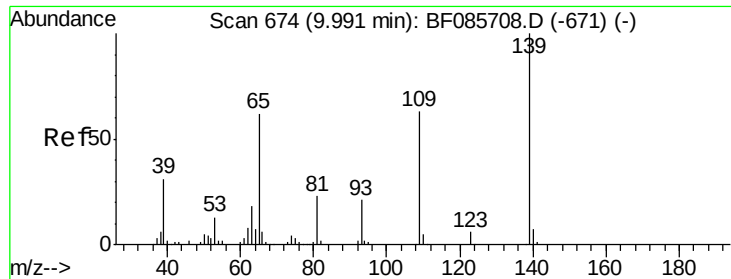
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#54
 Dibenzofuran
 Concen: 50.63 ng
 RT: 10.05 min Scan# 679
 Delta R.T. -0.00 min
 Lab File: BF085909.D
 Acq: 31 Mar 2016 3:57

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	749941		
139	40.8	31.9	47.9	
169	13.6	11.0	16.6	





#55

4-Nitrophenol

Concen: 95.31 ng

RT: 9.98 min Scan# 673

Delta R.T. -0.00 min

Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

Instrument :

BNA_F

ClientSampleId :

BOTTOM-EAST-END-14BGLMS

Tgt Ion:139 Resp: 215097
Ion Ratio Lower Upper

139 100

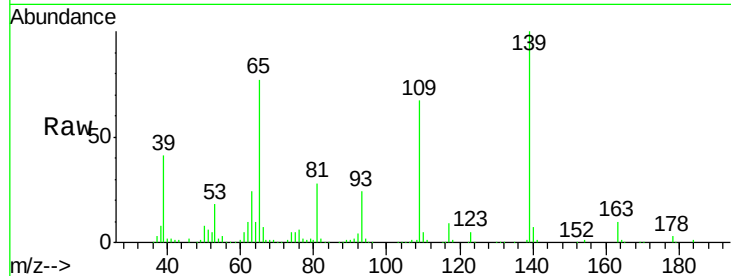
109 67.3 49.2 89.2

65 77.0 66.9 106.9

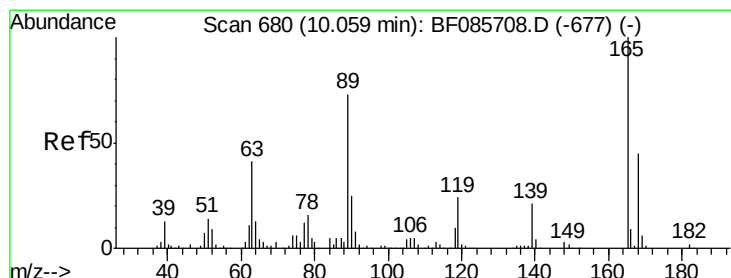
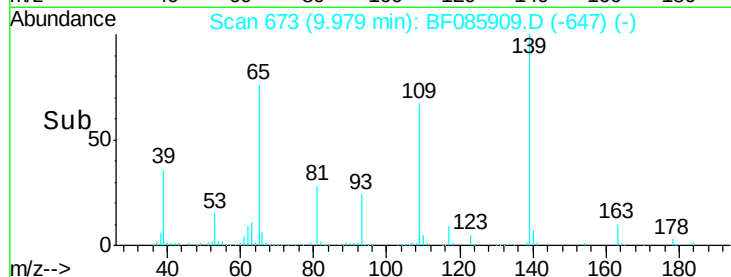
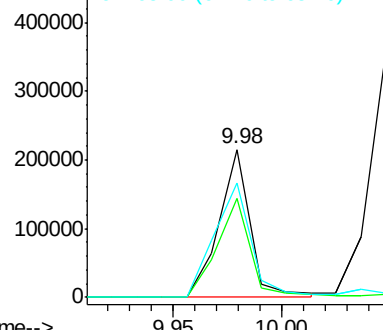
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Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 43.18 ng

RT: 10.04 min Scan# 678

Delta R.T. -0.00 min

Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

Tgt Ion:165 Resp: 166082
Ion Ratio Lower Upper

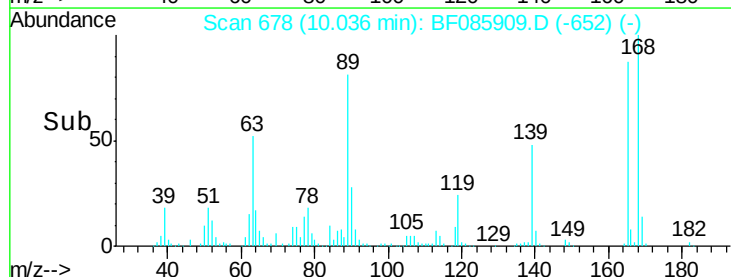
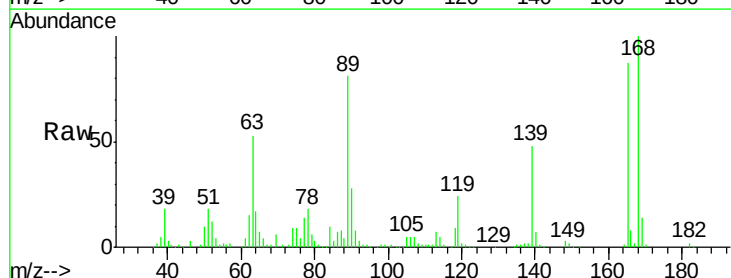
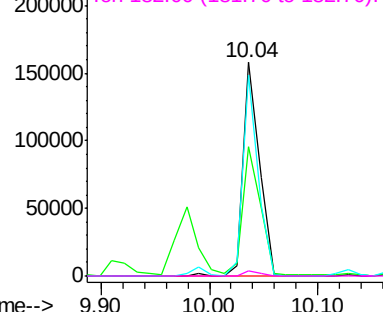
165 100

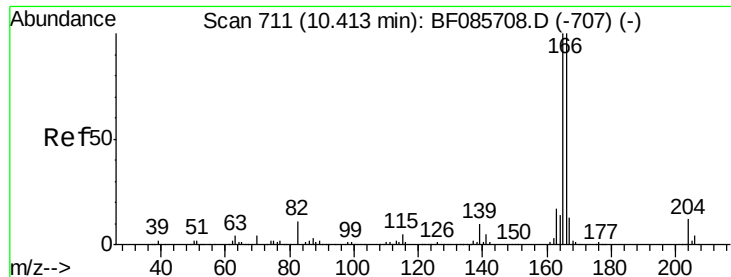
63 60.7 24.9 37.3#

89 93.8 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: 48.07 ng

RT: 10.39 min Scan# 709

Delta R.T. -0.00 min

Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

Instrument :

BNA_F

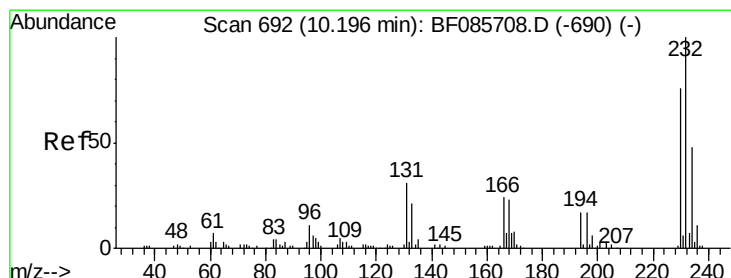
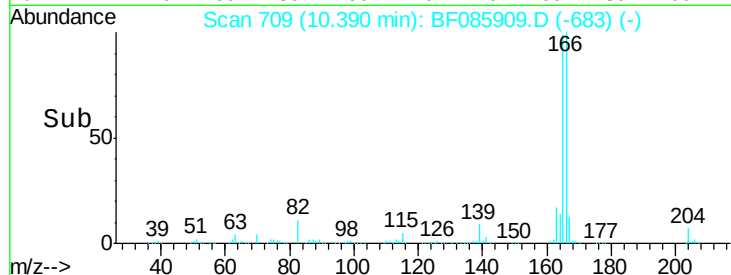
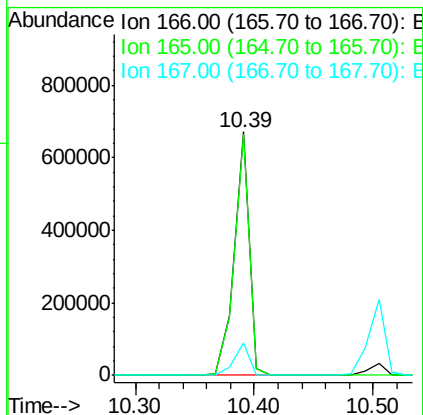
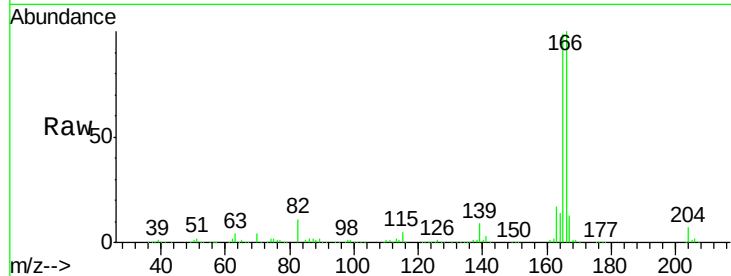
ClientSampleId :

BOTTOM-EAST-END-14BGLMS

Tgt Ion:	166	Resp:	591883
Ion Ratio	Lower	Upper	
166	100		
165	98.8	79.4	119.0
167	13.3	11.0	16.4

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#58

2,3,4,6-Tetrachlorophenol

Concen: 51.69 ng

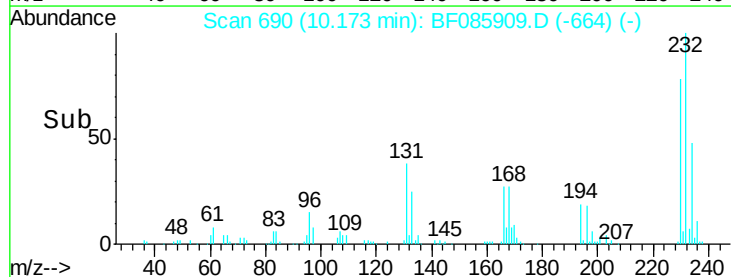
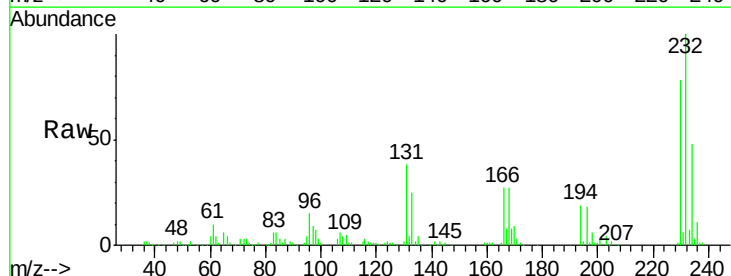
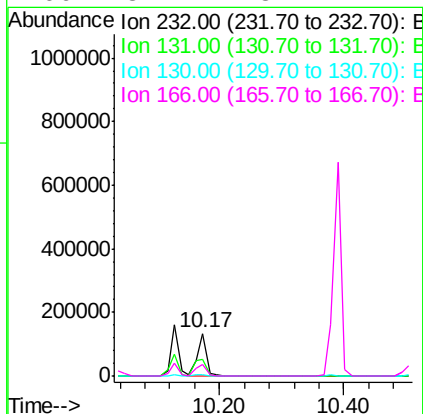
RT: 10.17 min Scan# 690

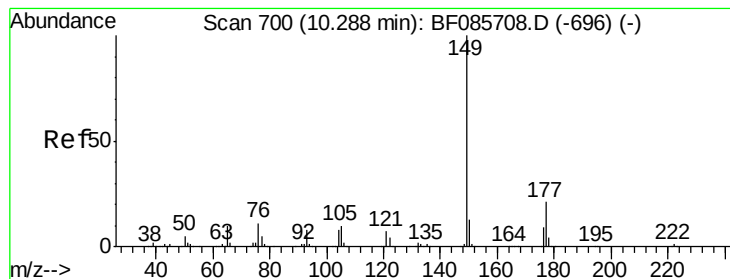
Delta R.T. -0.00 min

Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

Tgt Ion:	232	Resp:	139836
Ion Ratio	Lower	Upper	
232	100		
131	51.8	44.9	67.3
130	2.4	2.3	3.5
166	31.4	28.1	42.1





#59

Diethylphthalate

Concen: 44.12 ng

RT: 10.26 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

Instrument :

BNA_F

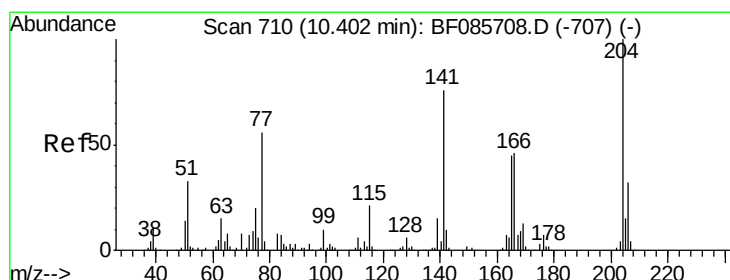
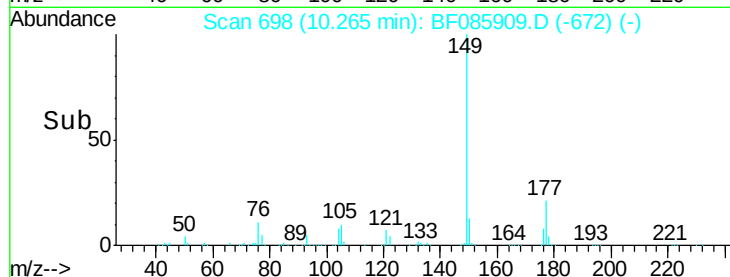
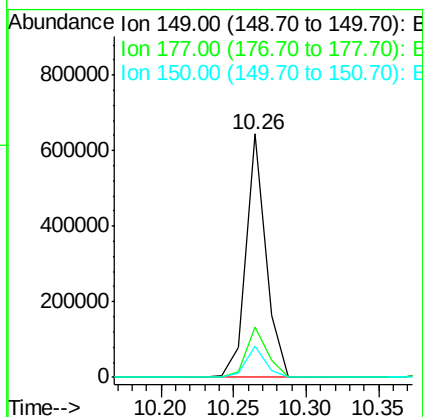
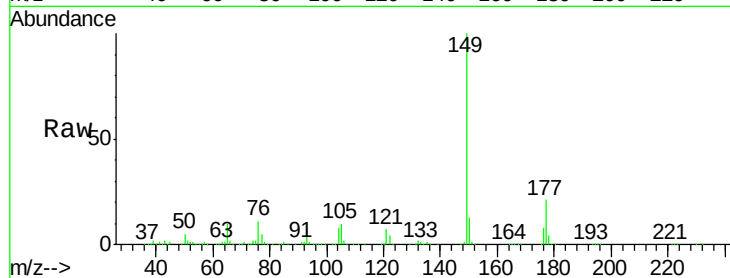
ClientSampleId :

BOTTOM-EAST-END-14BGLMS

Tgt Ion:	149	Resp:	612801
Ion Ratio	Lower	Upper	
149	100		
177	20.8	17.9	26.9
150	13.0	10.2	15.2

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#60

4-Chlorophenyl-phenylether

Concen: 43.45 ng

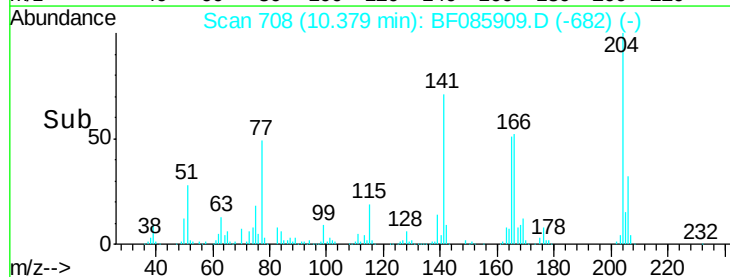
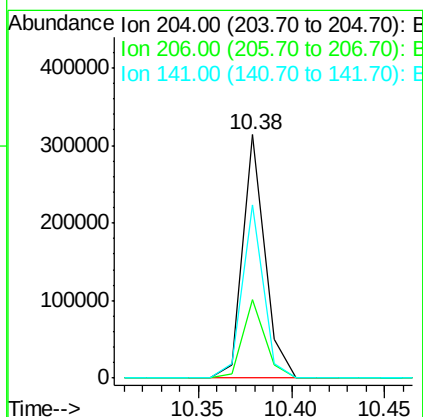
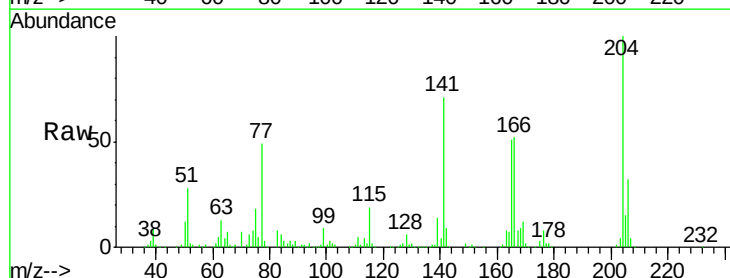
RT: 10.38 min Scan# 708

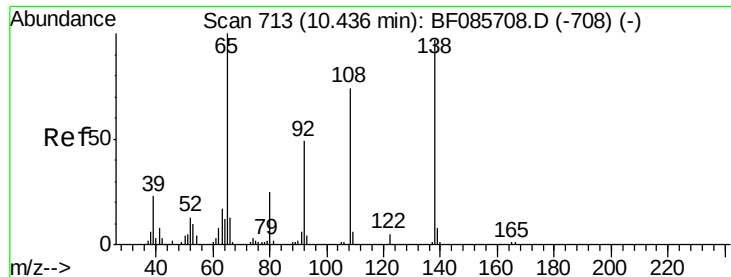
Delta R.T. -0.00 min

Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

Tgt Ion:	204	Resp:	261595
Ion Ratio	Lower	Upper	
204	100		
206	32.5	26.6	39.8
141	71.0	57.4	86.0





#61

4-Nitroaniline

Concen: 38.75 ng

RT: 10.41 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

Instrument :

BNA_F

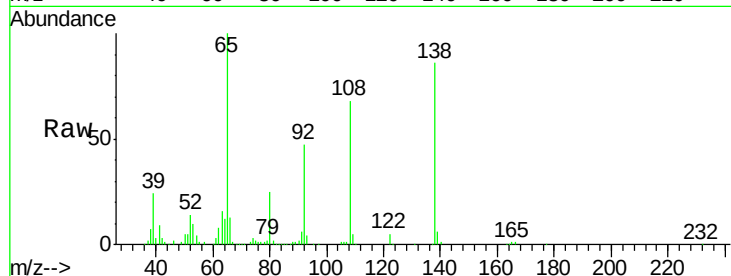
ClientSampleId :

BOTTOM-EAST-END-14BGLMS

Tgt Ion:	138	Resp:	128388
Ion Ratio	Lower	Upper	
138	100		
92	54.7	26.4	66.4
108	79.1	49.0	89.0

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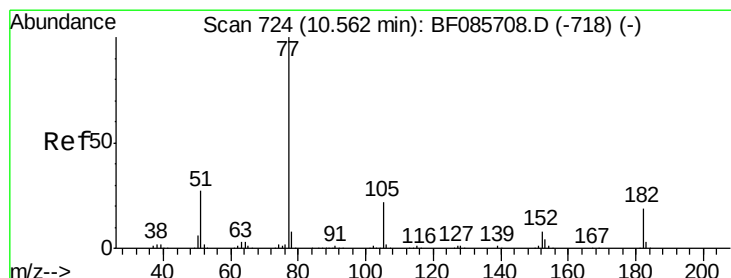
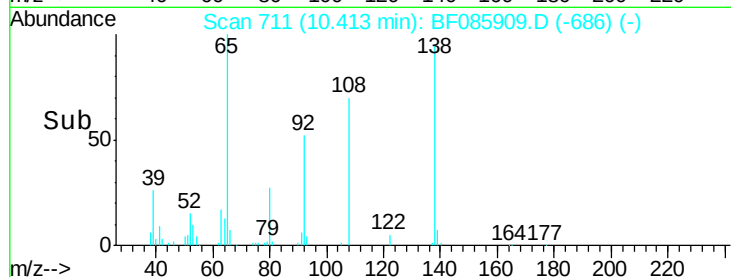
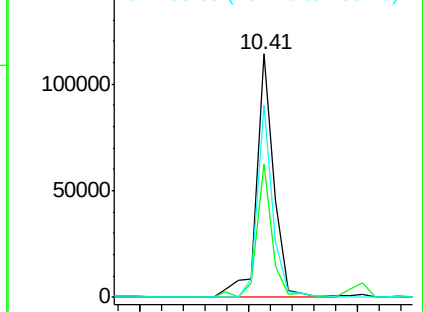
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 49.89 ng

RT: 10.54 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

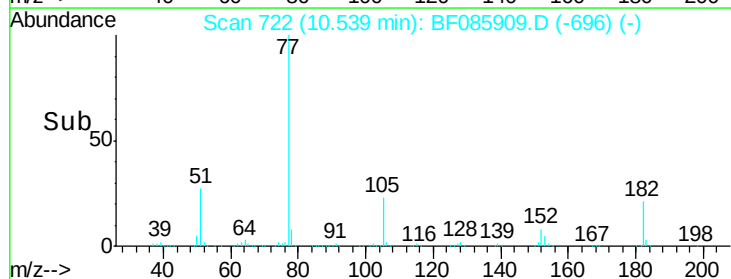
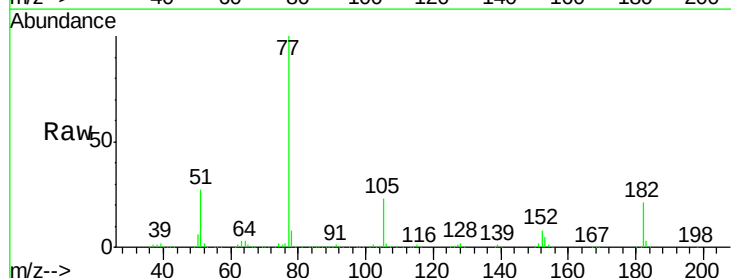
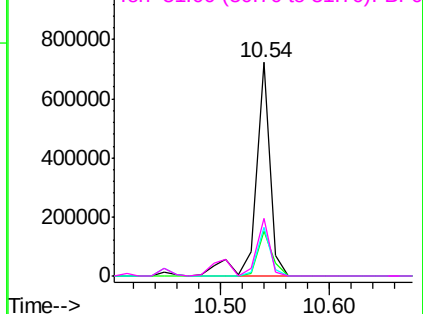
Tgt Ion:	77	Resp:	665919
Ion Ratio	Lower	Upper	
77	100		
182	21.0	1.9	41.9
105	23.0	3.5	43.5
51	27.1	6.3	46.3

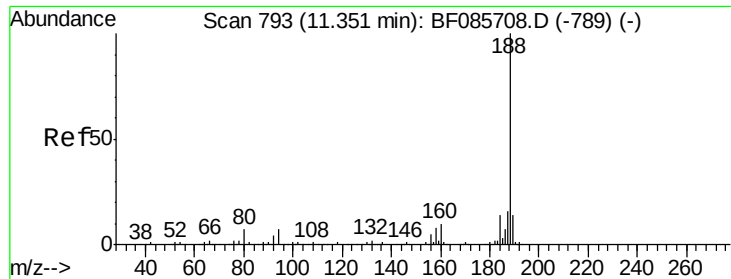
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.33 min Scan# 791

Delta R.T. -0.00 min

Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

Instrument :

BNA_F

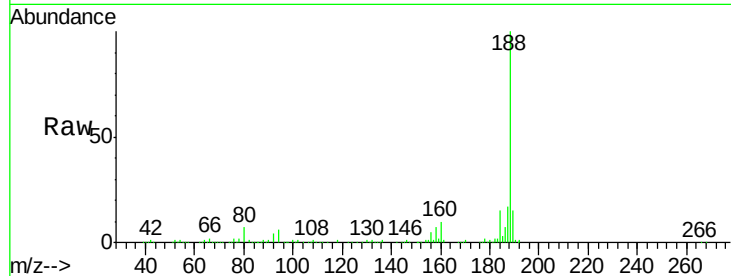
ClientSampleId :

BOTTOM-EAST-END-14BGLMS

Tgt Ion:	188	Resp:	303611
Ion Ratio	Lower	Upper	
188	100		
94	6.5	5.4	8.0
80	6.6	5.5	8.3

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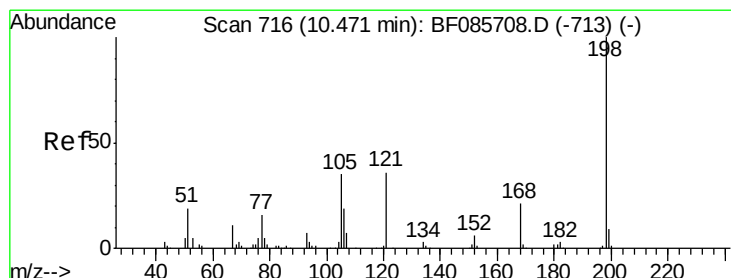
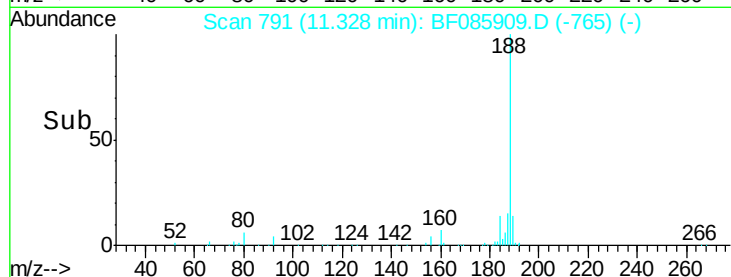


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

Time--> 11.25 11.30 11.35



#64

4,6-Dinitro-2-methylphenol

Concen: 26.43 ng

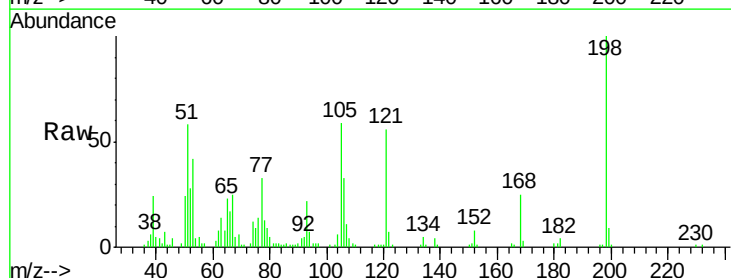
RT: 10.45 min Scan# 714

Delta R.T. -0.00 min

Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

Tgt Ion:	198	Resp:	46994
Ion Ratio	Lower	Upper	
198	100		
51	57.7	45.4	85.4
105	58.7	45.9	85.9

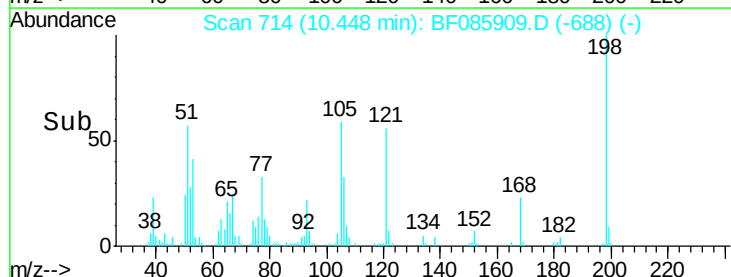


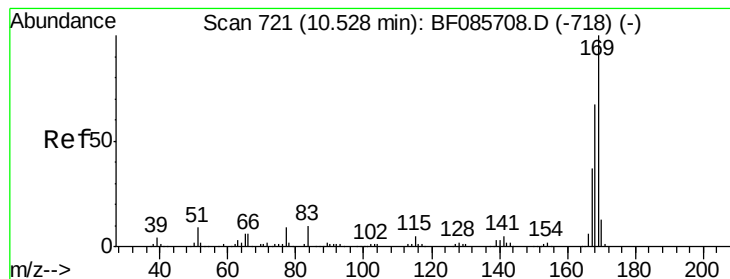
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

Time--> 10.40 10.45 10.50 10.60





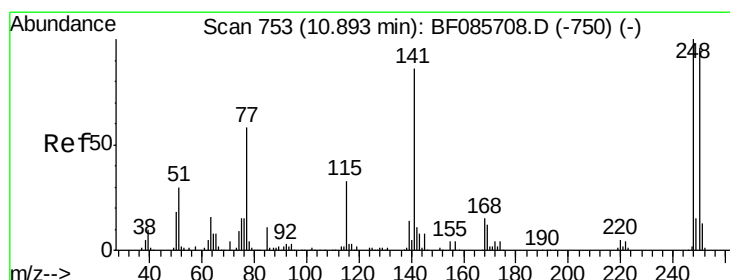
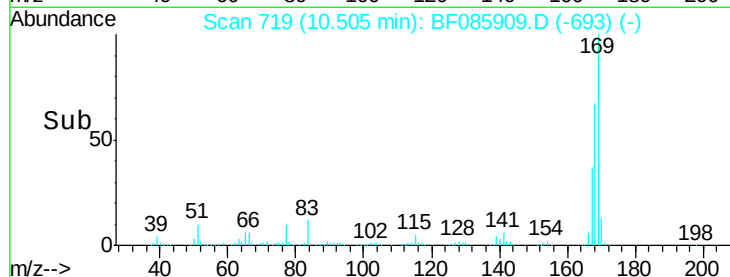
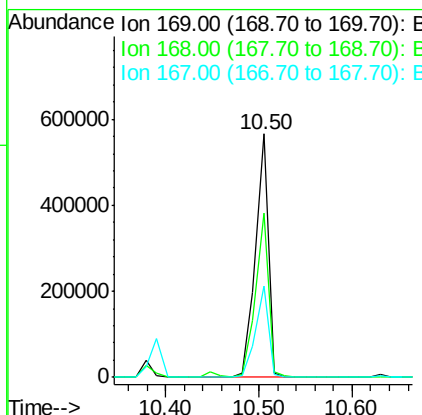
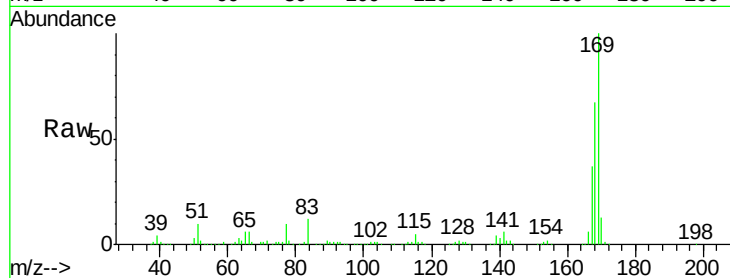
#65
n-Nitrosodiphenylamine
Concen: 56.25 ng
RT: 10.50 min Scan# 719
Delta R.T. -0.00 min
Lab File: BF085909.D
Acq: 31 Mar 2016 3:57

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
169	100		
168	67.3	54.4	81.6
167	37.3	29.4	44.0

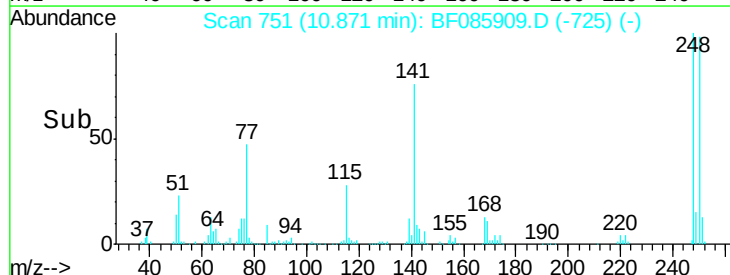
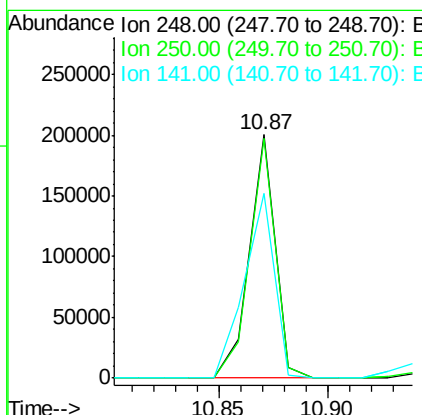
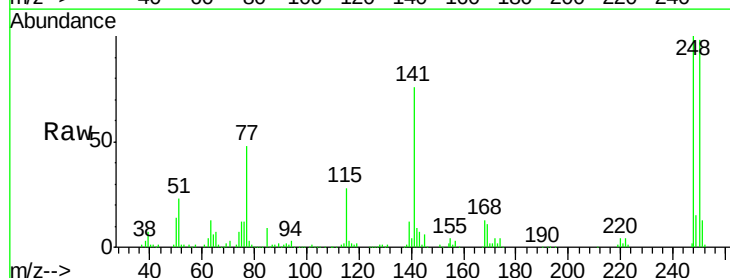
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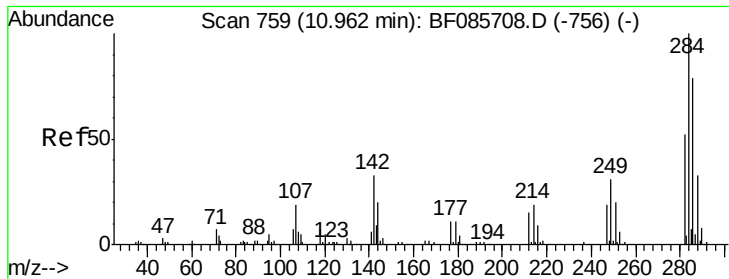
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#66
4-Bromophenyl-phenylether
Concen: 53.27 ng
RT: 10.87 min Scan# 751
Delta R.T. -0.00 min
Lab File: BF085909.D
Acq: 31 Mar 2016 3:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
248	100		
250	98.2	77.4	116.0
141	75.7	63.6	95.4





#67

Hexachlorobenzene

Concen: 51.78 ng

RT: 10.94 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF085909.D

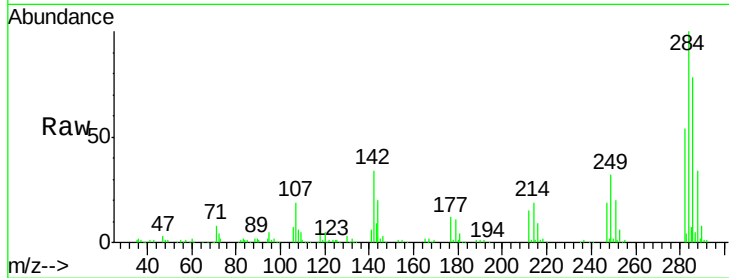
Acq: 31 Mar 2016 3:57

Instrument :

BNA_F

ClientSampleId :

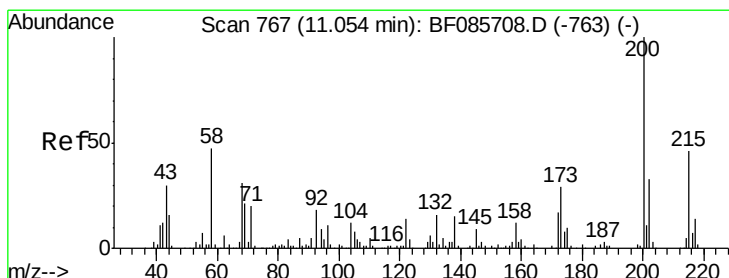
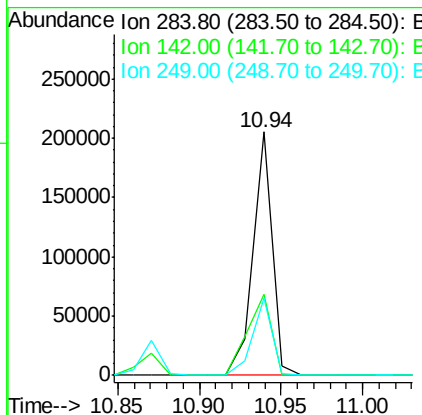
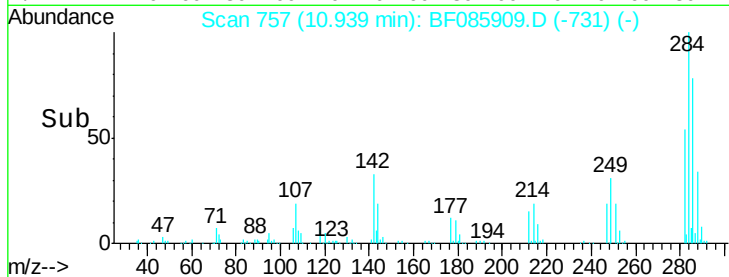
BOTTOM-EAST-END-14BGLMS



Tgt Ion	Ratio	Resp	Lower	Upper
284	100	168195		
142	33.5	23.1	34.7	
249	31.5	24.2	36.2	

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#68

Atrazine

Concen: 48.76 ng

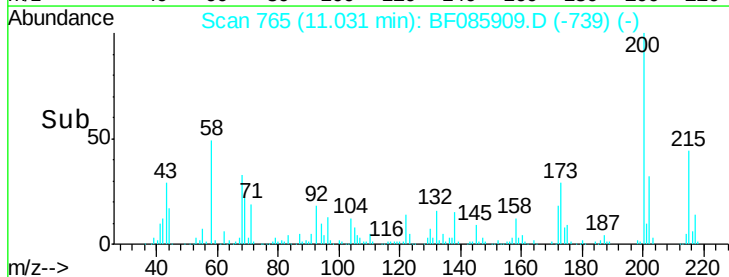
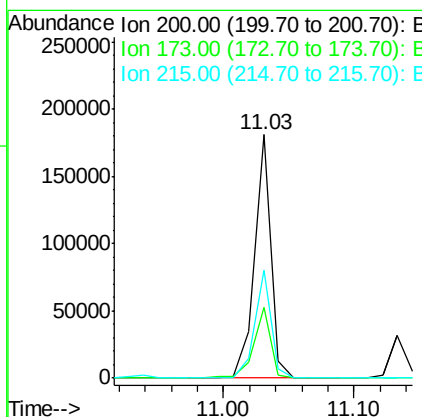
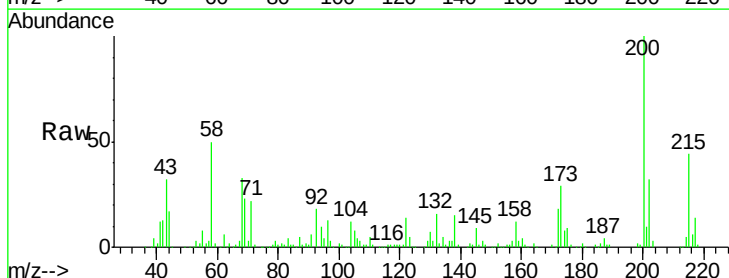
RT: 11.03 min Scan# 765

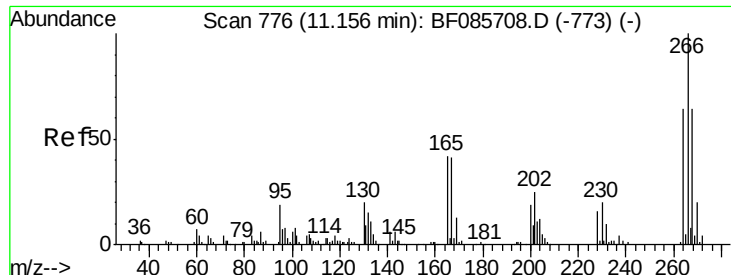
Delta R.T. -0.00 min

Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	158305		
173	29.2	7.7	47.7	
215	44.4	25.4	65.4	





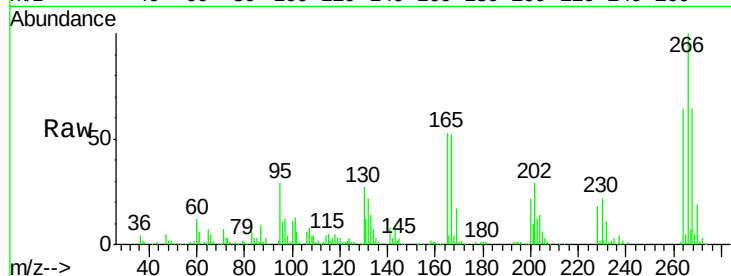
#69
 Pentachlorophenol
 Concen: 88.50 ng
 RT: 11.13 min Scan# 774
 Delta R.T. -0.00 min
 Lab File: BF085909.D
 Acq: 31 Mar 2016 3:57

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

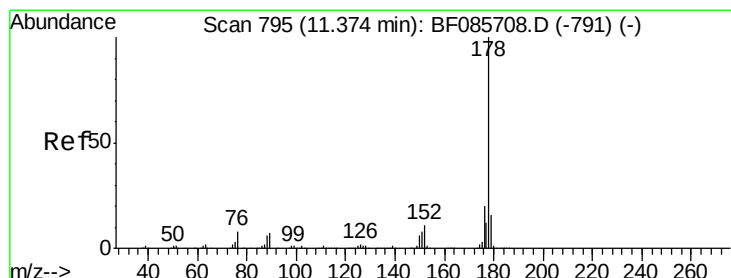
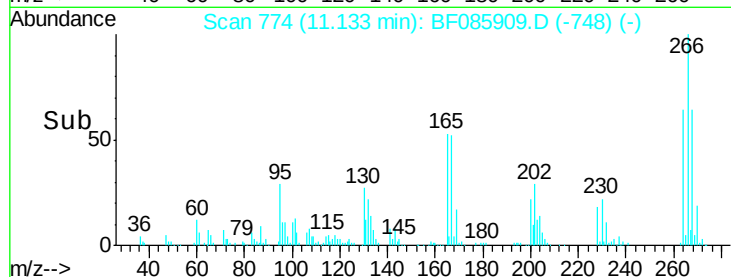
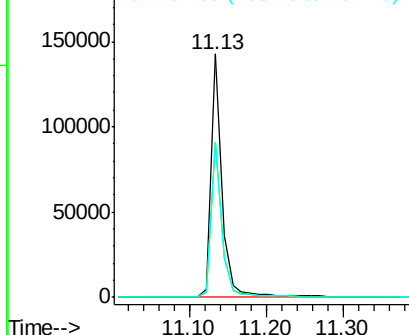
Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.5	51.5	77.3
264	63.8	50.6	76.0

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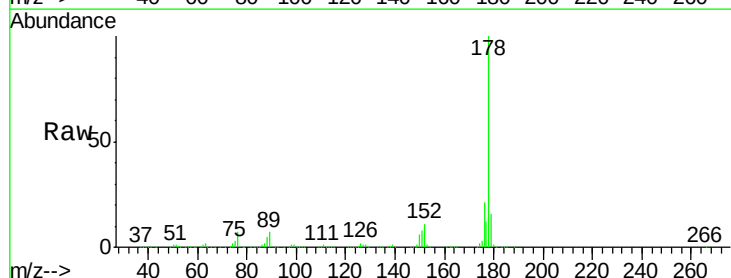


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

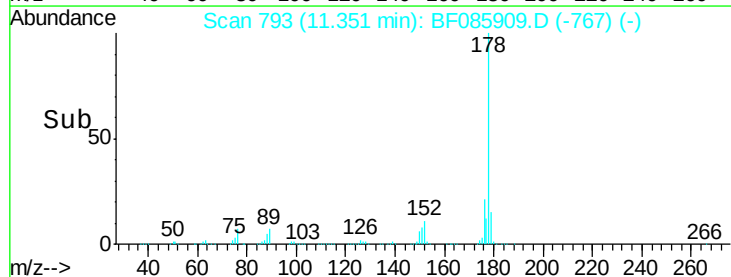
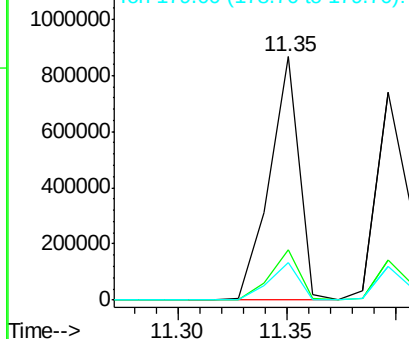


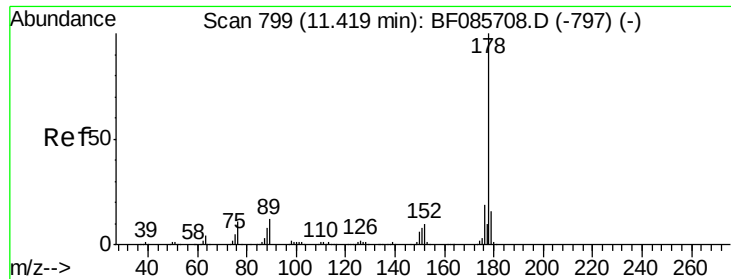
#70
 Phenanthrene
 Concen: 52.99 ng
 RT: 11.35 min Scan# 793
 Delta R.T. -0.00 min
 Lab File: BF085909.D
 Acq: 31 Mar 2016 3:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	20.6	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: 45.59 ng

RT: 11.40 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF085909.D

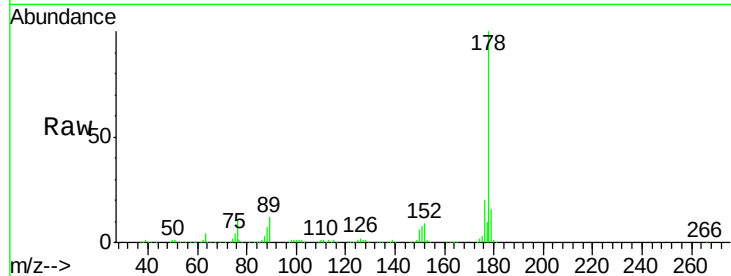
Acq: 31 Mar 2016 3:57

Instrument :

BNA_F

ClientSampleId :

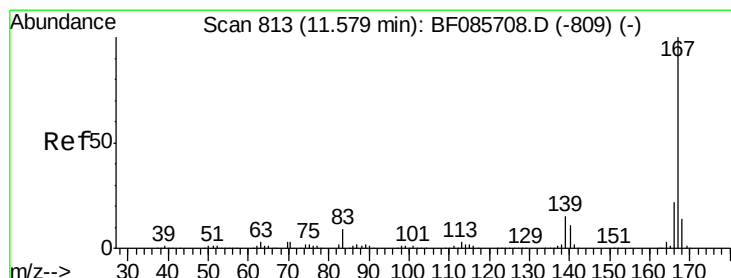
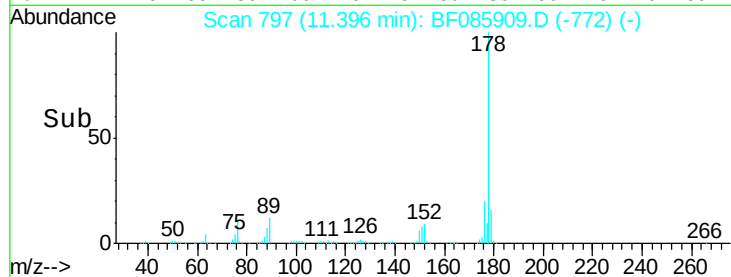
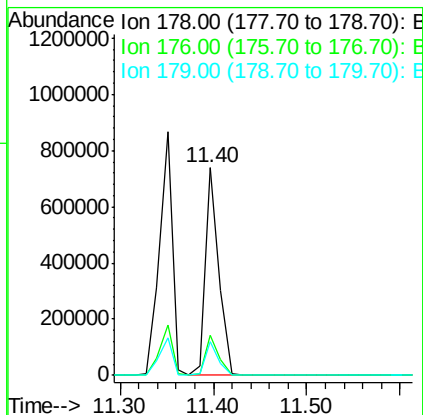
BOTTOM-EAST-END-14BGLMS



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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#72

Carbazole

Concen: 48.91 ng

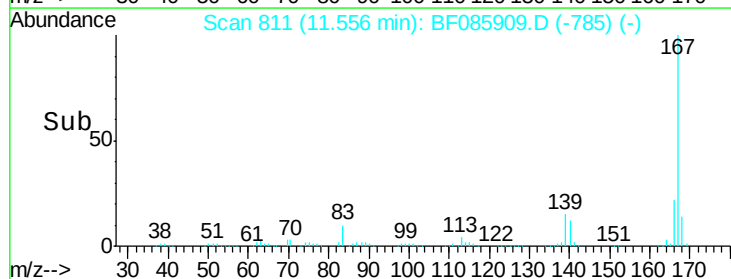
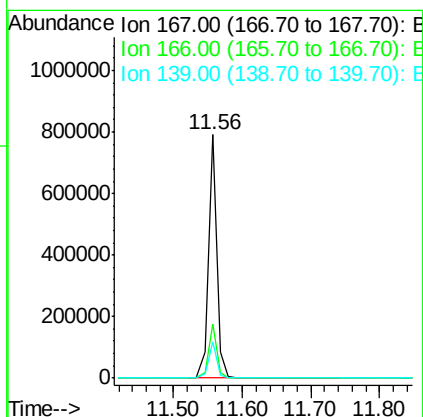
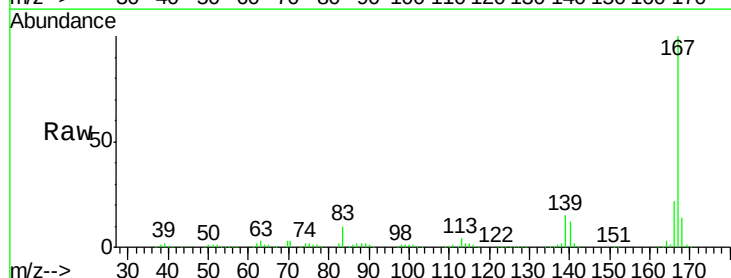
RT: 11.56 min Scan# 811

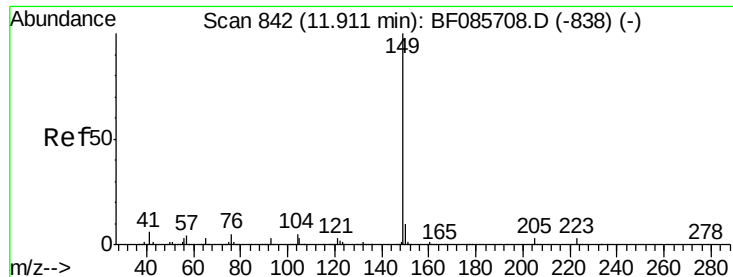
Delta R.T. -0.00 min

Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.8	26.8
139	15.0	11.6	17.4





#73

Di-n-butylphthalate

Concen: 51.70 ng

RT: 11.89 min Scan# 840

Delta R.T. -0.00 min

Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

Instrument :

BNA_F

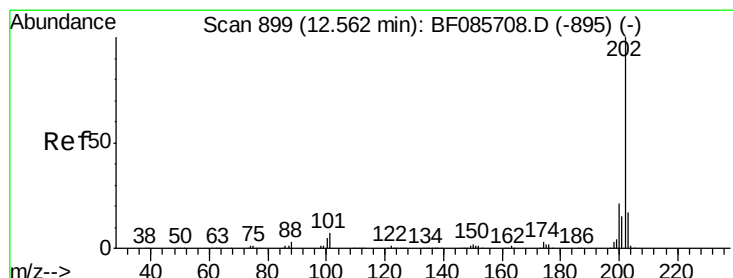
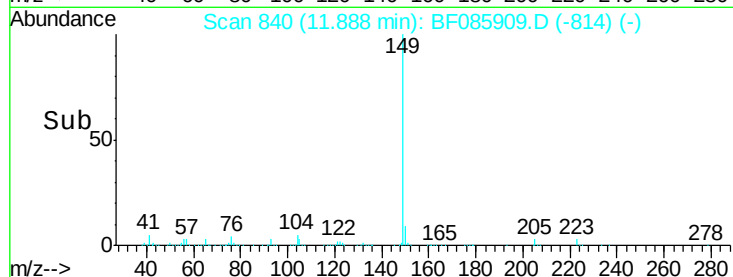
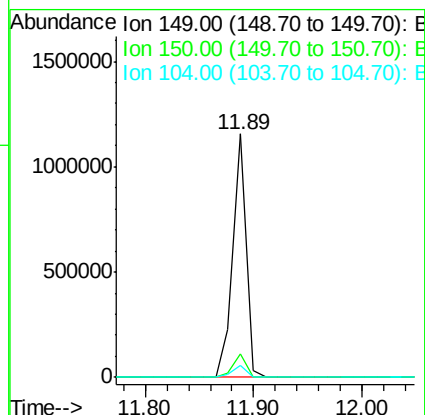
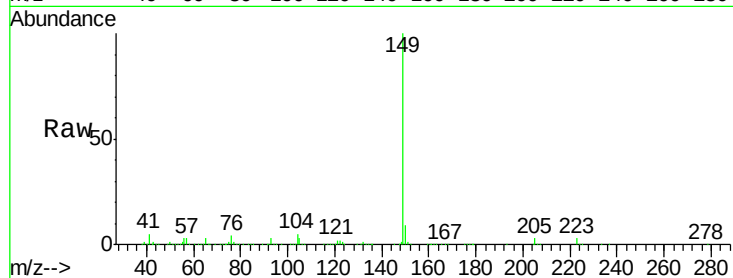
ClientSampleId :

BOTTOM-EAST-END-14BGLMS

Tgt Ion:	149	Resp:	974789
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.6	11.4
104	4.8	3.8	5.8

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#74

Fluoranthene

Concen: 40.42 ng

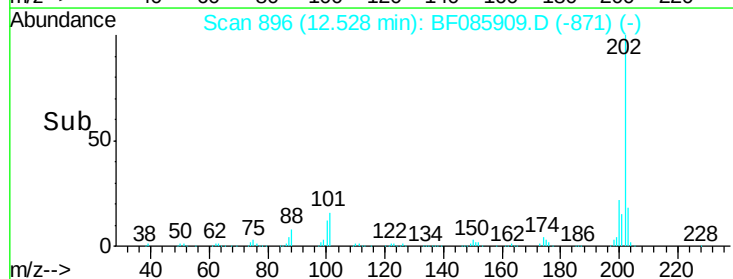
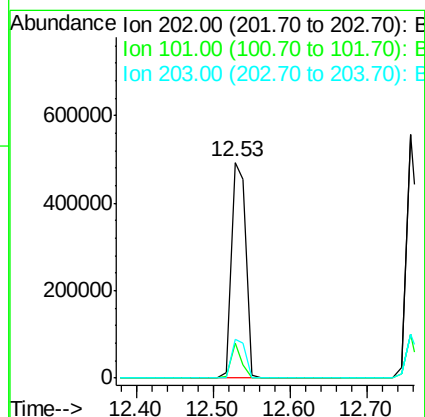
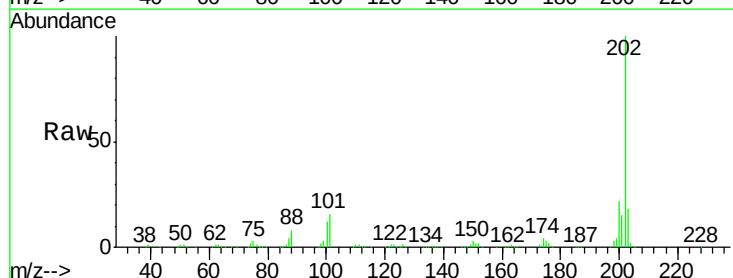
RT: 12.53 min Scan# 896

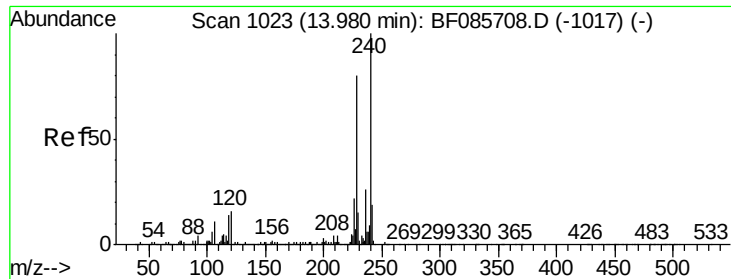
Delta R.T. -0.01 min

Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

Tgt Ion:	202	Resp:	669852
Ion Ratio	Lower	Upper	
202	100		
101	16.0	0.0	36.6
203	18.1	0.0	38.1





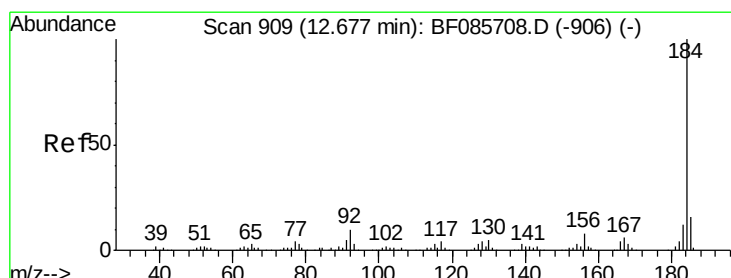
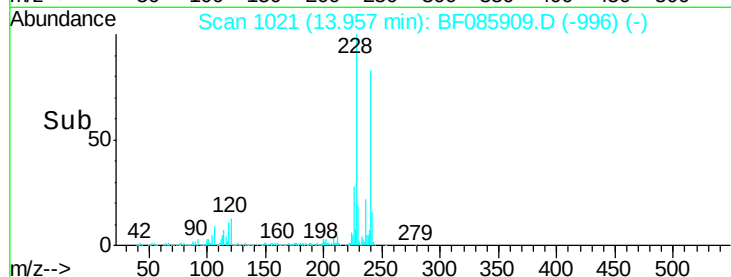
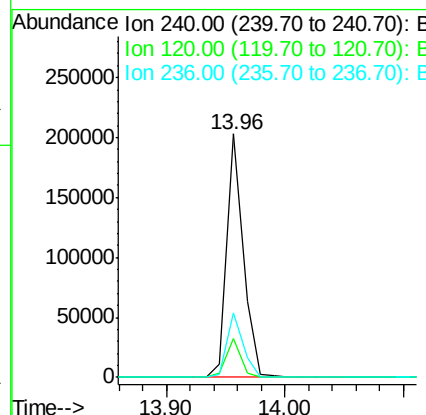
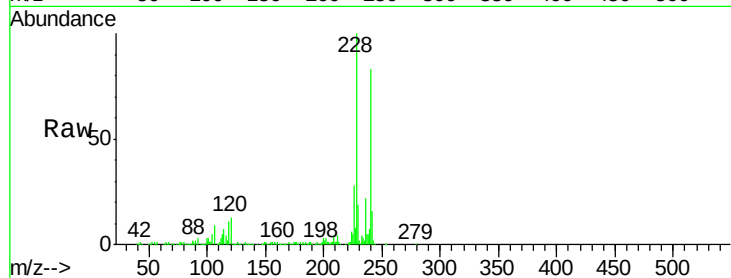
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF085909.D
Acq: 31 Mar 2016 3:57

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	15.8	13.8	20.8
236	26.7	20.6	30.8

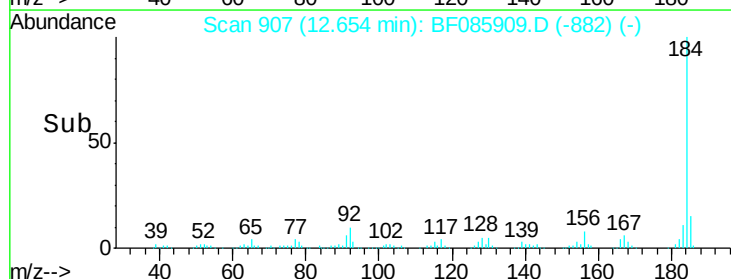
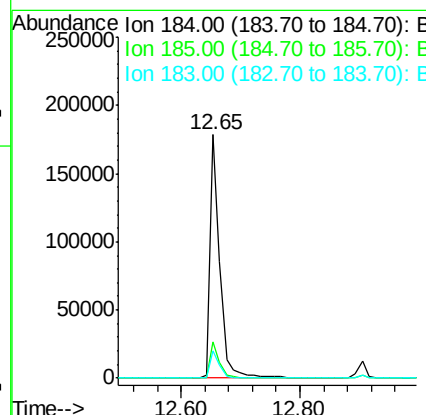
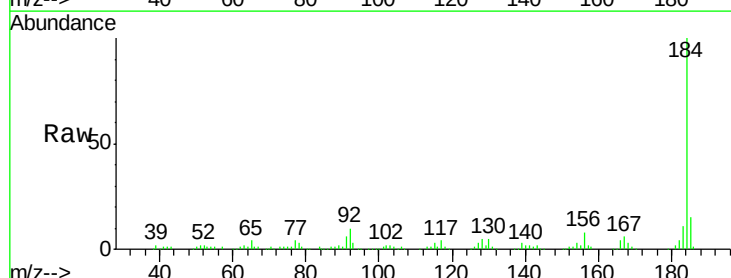
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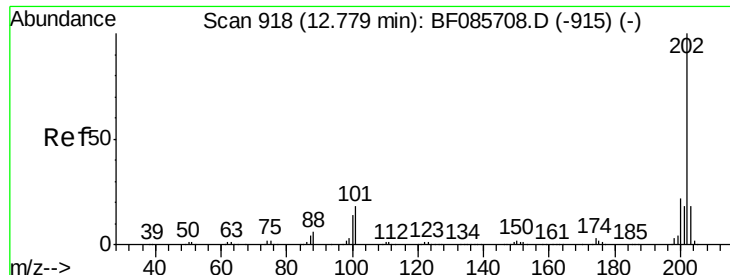
Sohil
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#76
Benzidine
Concen: 30.60 ng
RT: 12.65 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF085909.D
Acq: 31 Mar 2016 3:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
184	100		
185	15.1	12.4	18.6
183	11.4	9.4	14.2





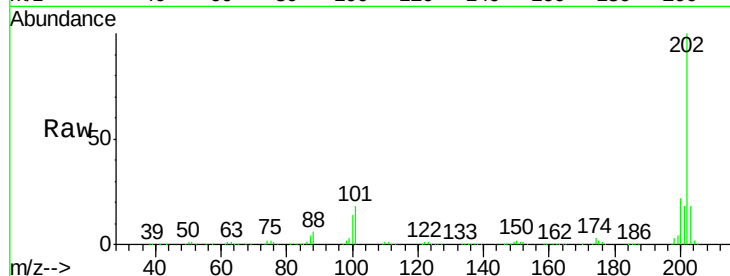
#77
Pyrene
 Concen: 39.95 ng
 RT: 12.76 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: BF085909.D
 Acq: 31 Mar 2016 3:57

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

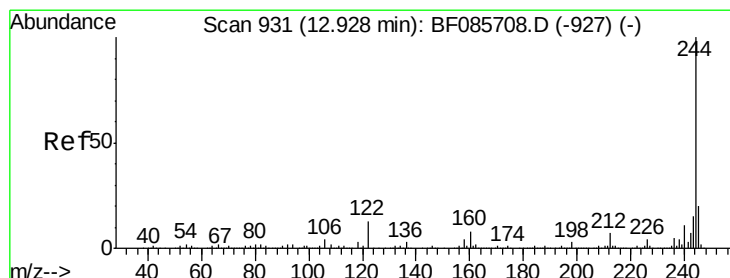
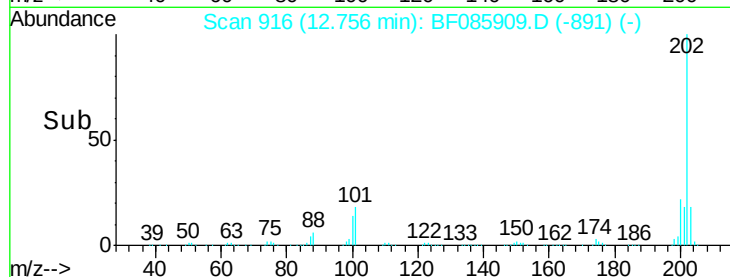
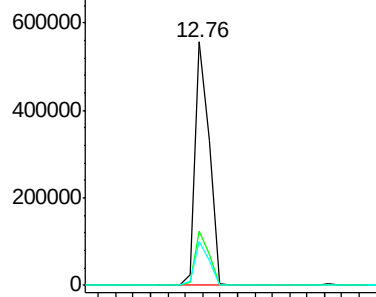
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	22.1	17.6	26.4
203	18.1	14.0	21.0

Manual Integrations
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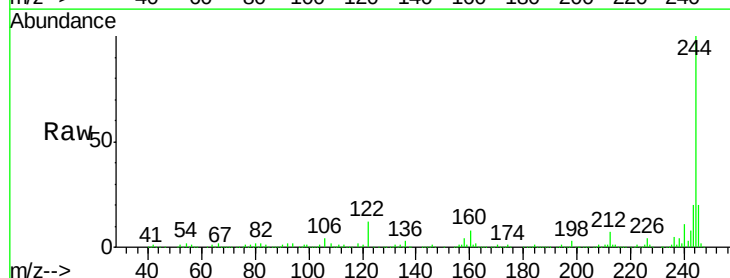


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

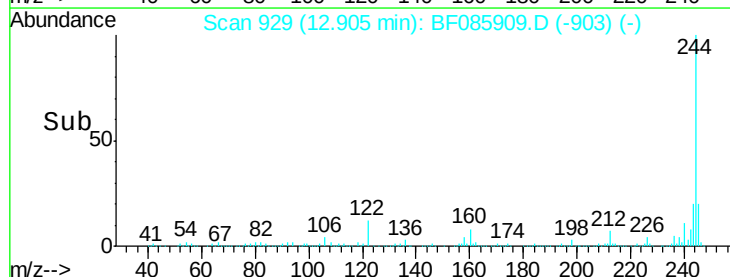
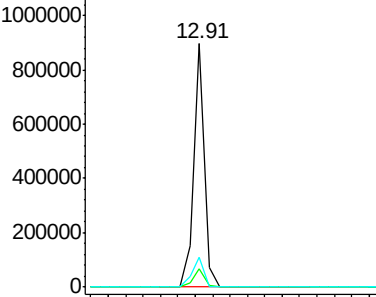


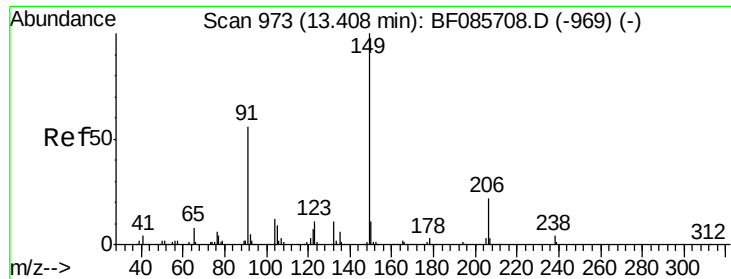
#78
Terphenyl-d14
 Concen: 82.54 ng
 RT: 12.91 min Scan# 929
 Delta R.T. -0.00 min
 Lab File: BF085909.D
 Acq: 31 Mar 2016 3:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.4	6.1	9.1
122	12.1	10.2	15.4



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





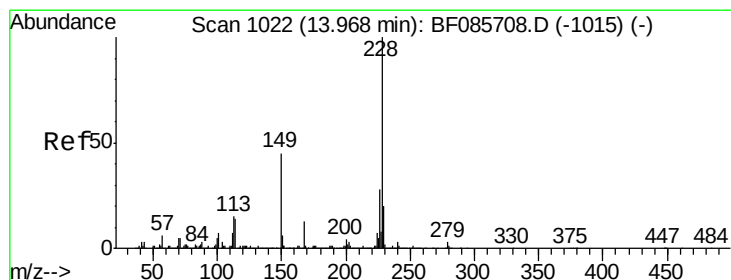
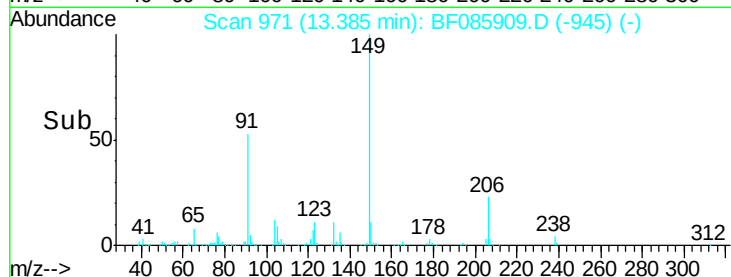
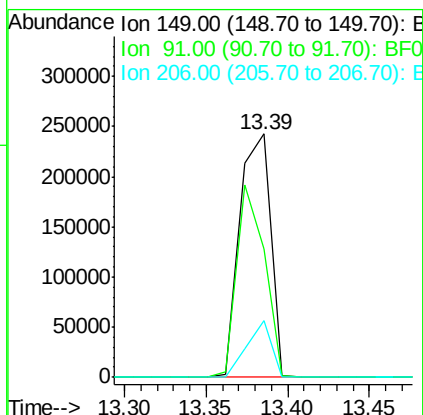
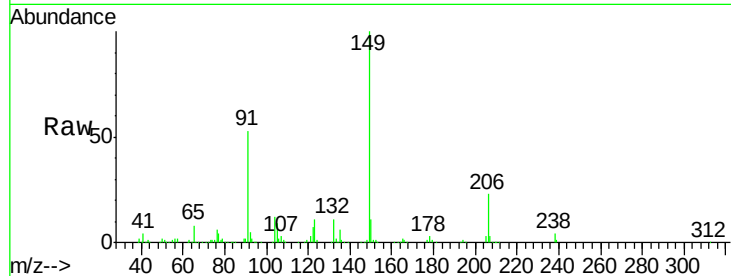
#79
Butylbenzylphthalate
Concen: 47.67 ng
RT: 13.39 min Scan# 971
Delta R.T. -0.00 min
Lab File: BF085909.D
Acq: 31 Mar 2016 3:57

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	52.7	45.8	68.8
206	23.0	17.8	26.8

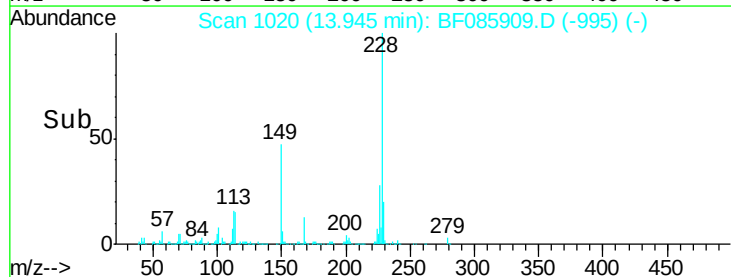
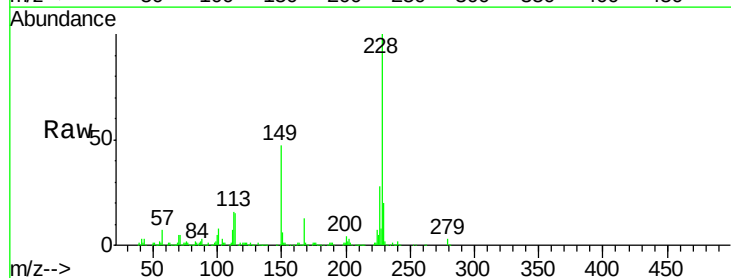
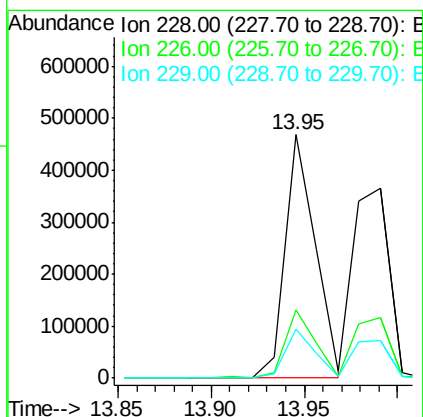
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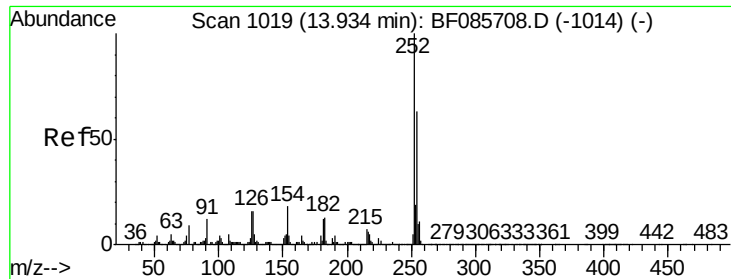
Sohil
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#80
Benzo(a)anthracene
Concen: 47.90 ng
RT: 13.95 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF085909.D
Acq: 31 Mar 2016 3:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.8	22.1	33.1
229	20.2	16.2	24.4





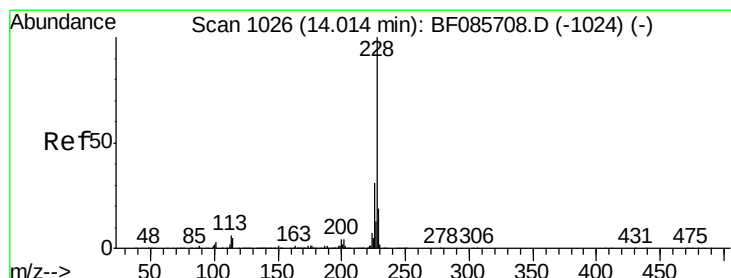
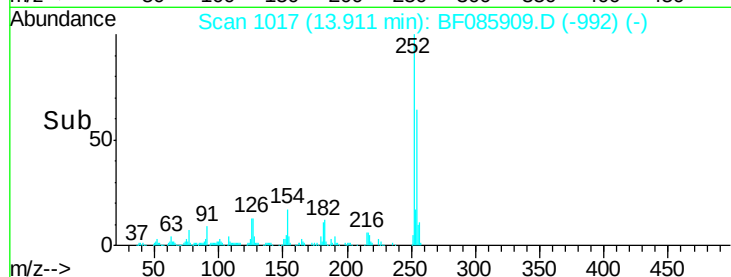
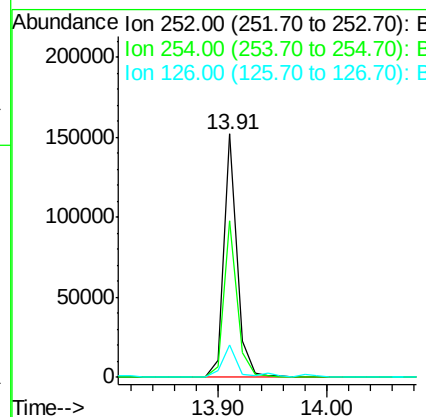
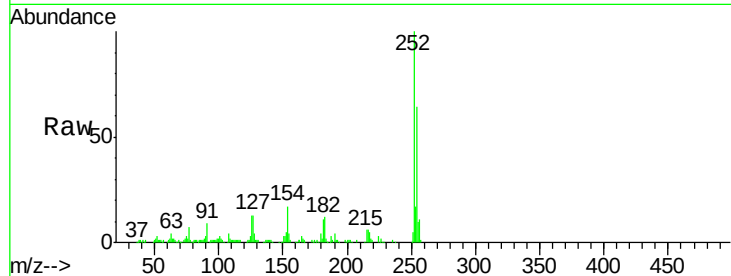
#81
 3,3'-Dichlorobenzidine
 Concen: 17.15 ng
 RT: 13.91 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BF085909.D
 Acq: 31 Mar 2016 3:57

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

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	130968		
254	64.3	50.7	76.1	
126	13.5	11.8	17.6	

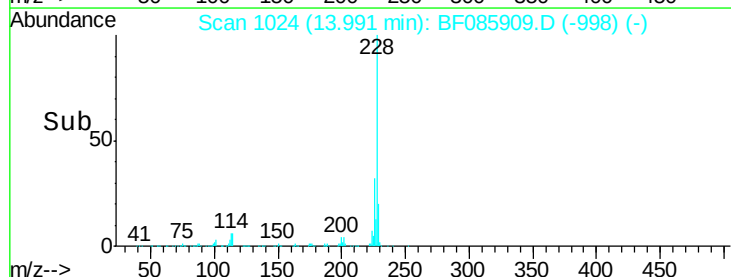
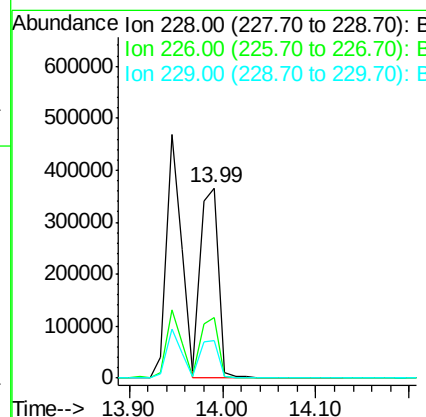
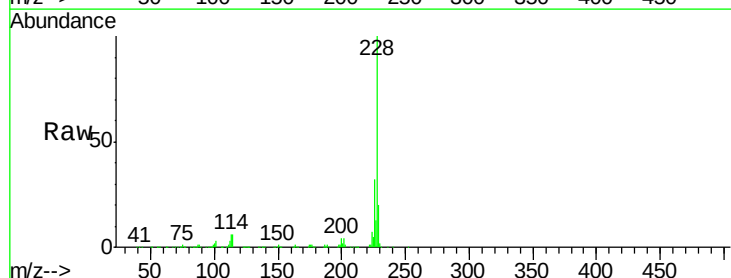
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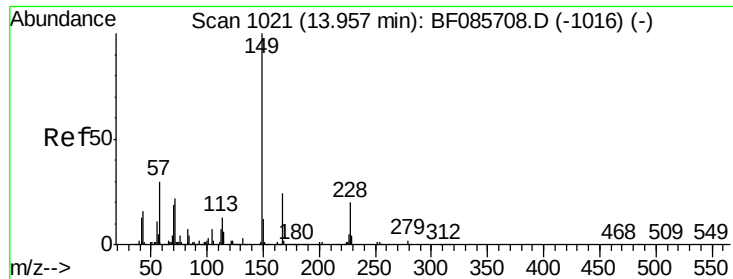
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#82
 Chrysene
 Concen: 44.86 ng
 RT: 13.99 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BF085909.D
 Acq: 31 Mar 2016 3:57

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	497079		
226	31.6	25.0	37.6	
229	19.6	15.7	23.5	





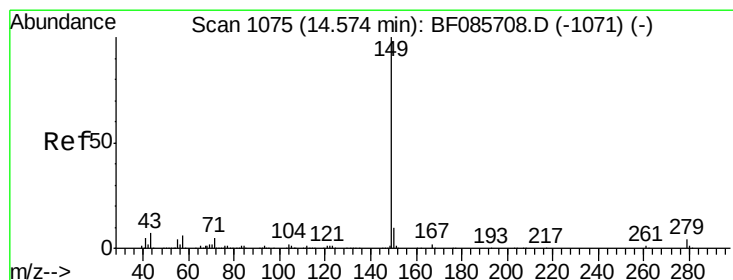
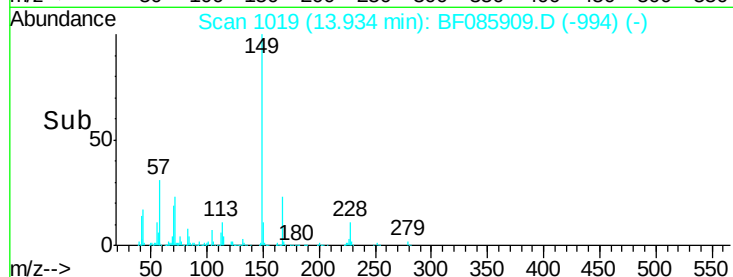
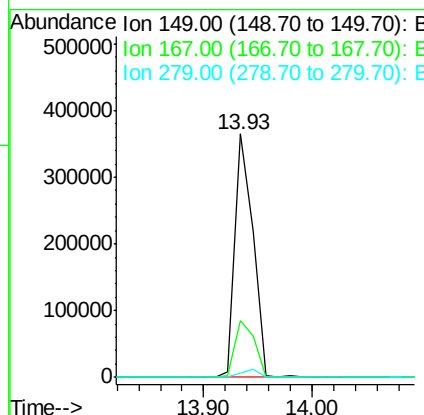
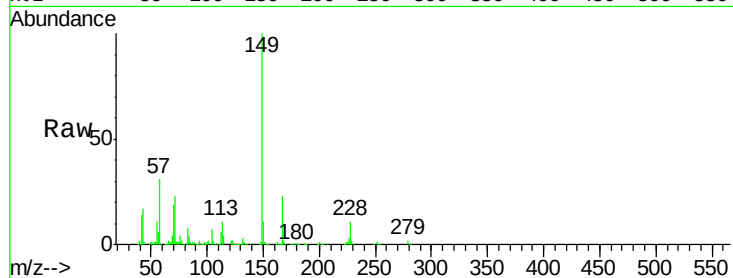
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.85 ng
 RT: 13.93 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BF085909.D
 Acq: 31 Mar 2016 3:57

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	23.4	19.4	29.2
279	1.7	1.5	2.3

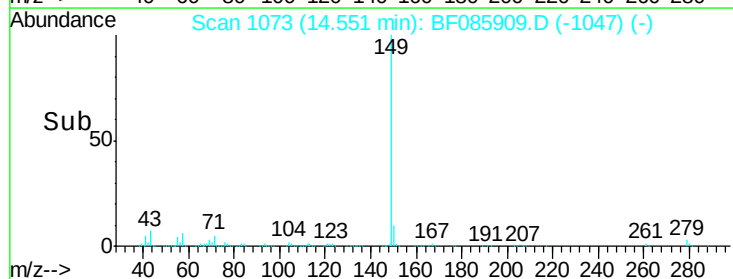
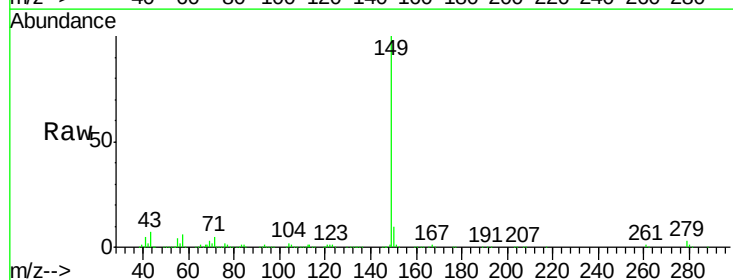
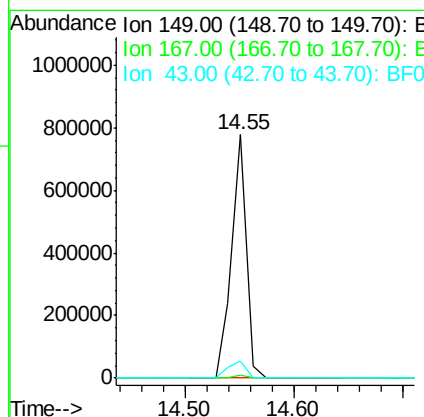
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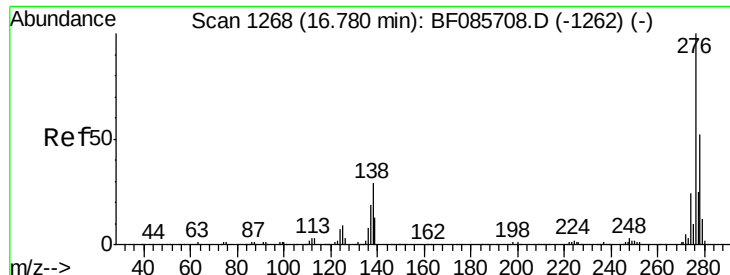
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#84
 Di-n-octyl phthalate
 Concen: 61.64 ng
 RT: 14.55 min Scan# 1073
 Delta R.T. -0.00 min
 Lab File: BF085909.D
 Acq: 31 Mar 2016 3:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.4	1.2	1.8
43	8.5	7.1	10.7





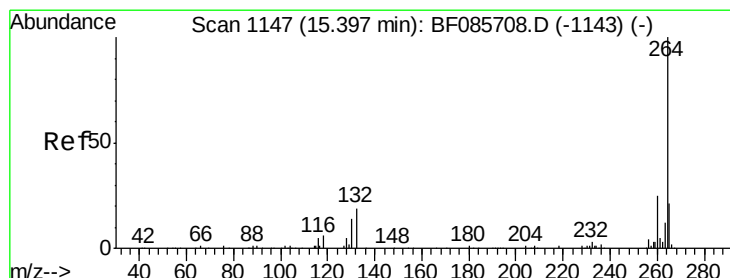
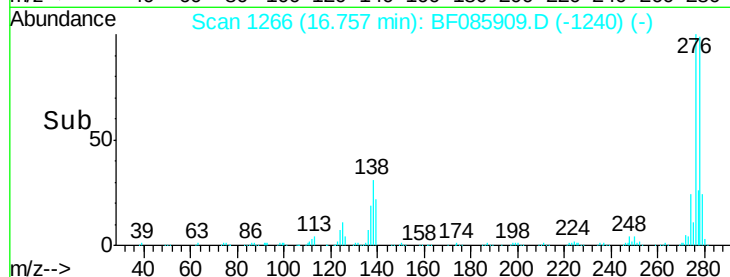
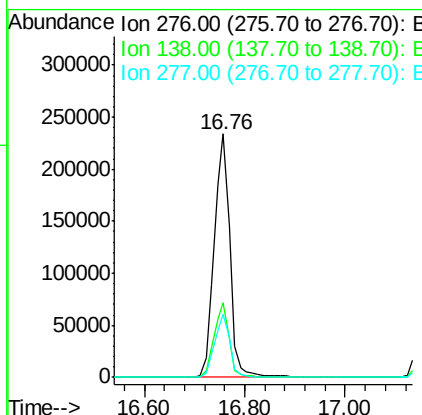
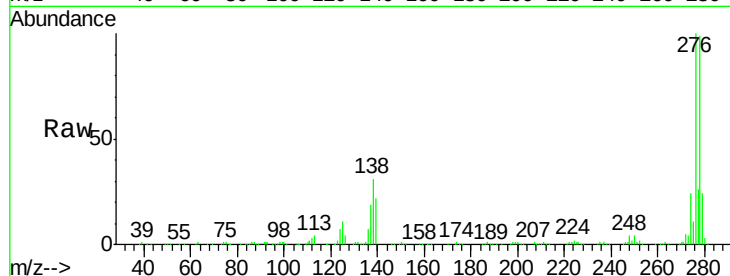
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 59.16 ng
 RT: 16.76 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: BF085909.D
 Acq: 31 Mar 2016 3:57

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

Tgt	Ion	Ratio	Lower	Upper
276	100			
138	29.4	24.2	36.4	
277	25.3	20.0	30.0	

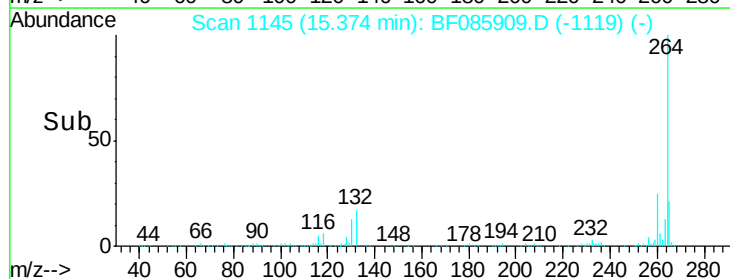
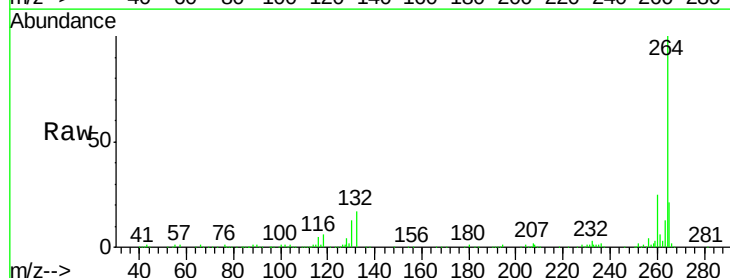
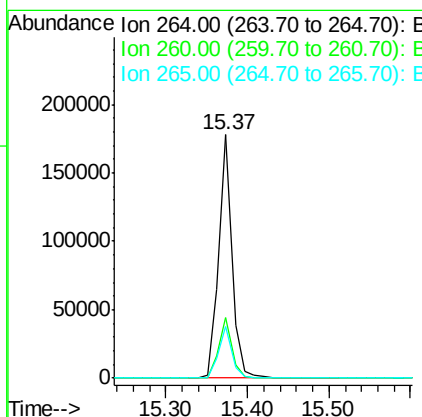
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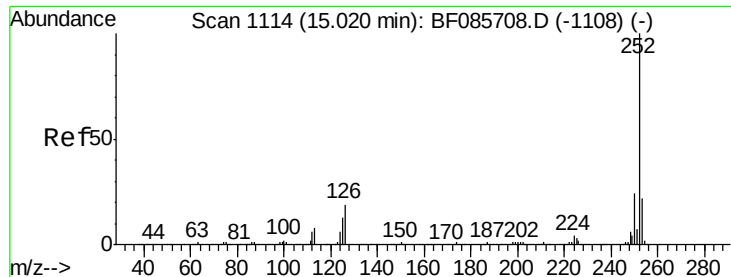
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1145
 Delta R.T. -0.00 min
 Lab File: BF085909.D
 Acq: 31 Mar 2016 3:57

Tgt	Ion	Ratio	Lower	Upper
264	100			
260	24.8	19.4	29.2	
265	21.4	17.2	25.8	





#87

Benzo(b)fluoranthene

Concen: 43.05 ng m

RT: 14.97 min Scan# 1110

Delta R.T. -0.00 min

Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

Instrument :

BNA_F

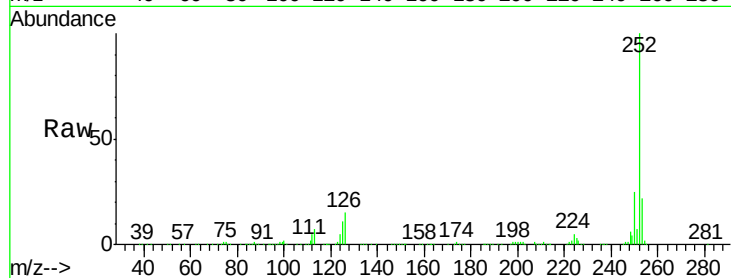
ClientSampleId :

BOTTOM-EAST-END-14BGLMS

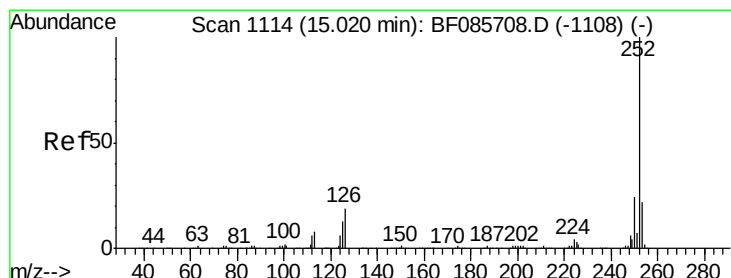
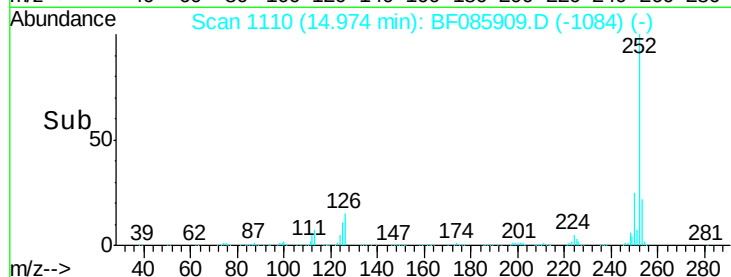
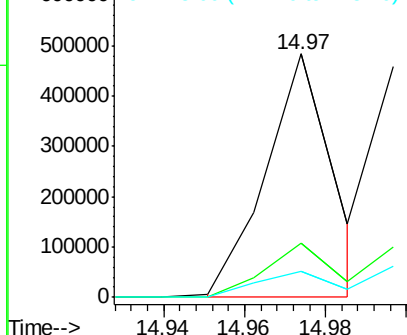
Tgt Ion:	252	Resp:	546824
Ion Ratio		Lower	Upper
252	100		
253	22.2	17.6	26.4
125	10.8	10.3	15.5

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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: 43.16 ng m

RT: 15.00 min Scan# 1112

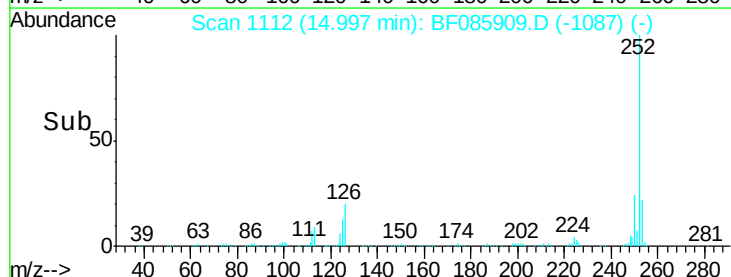
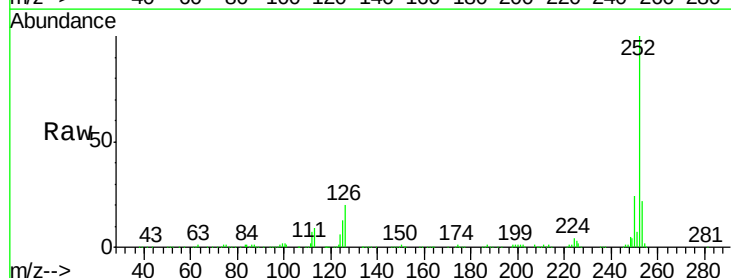
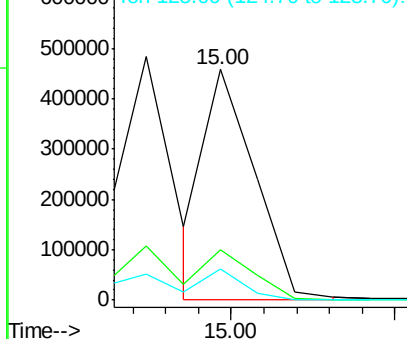
Delta R.T. -0.01 min

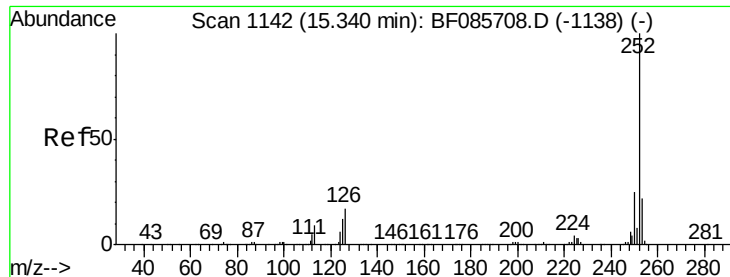
Lab File: BF085909.D

Acq: 31 Mar 2016 3:57

Tgt Ion:	252	Resp:	494300
Ion Ratio		Lower	Upper
252	100		
253	22.0	17.8	26.6
125	13.4	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





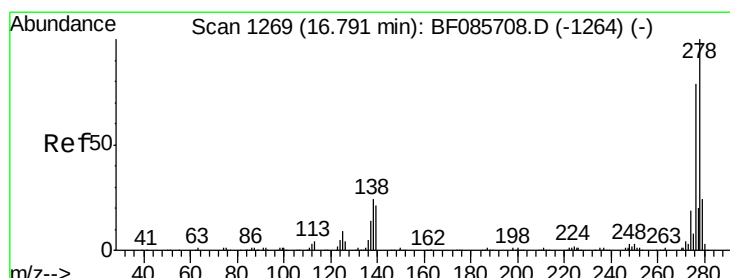
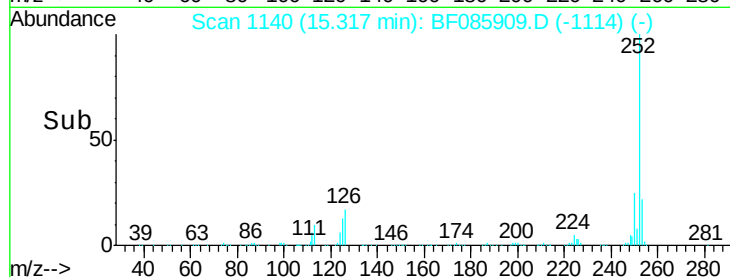
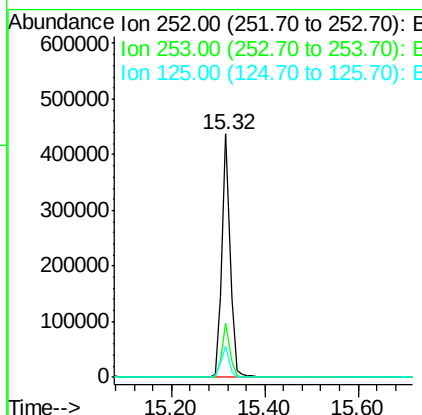
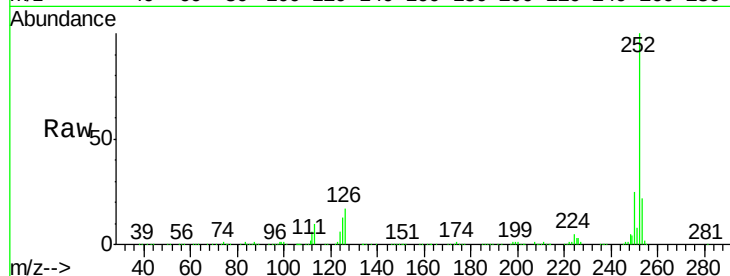
#89
Benzo(a)pyrene
Concen: 46.67 ng
RT: 15.32 min Scan# 1140
Delta R.T. -0.00 min
Lab File: BF085909.D
Acq: 31 Mar 2016 3:57

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.1	17.4	26.0
125	12.7	10.3	15.5

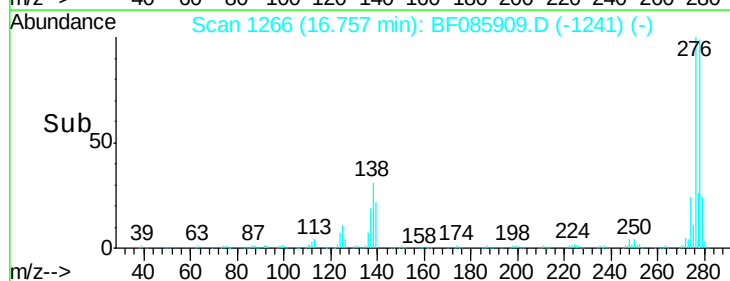
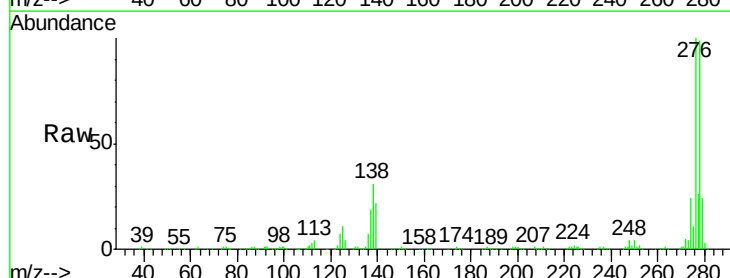
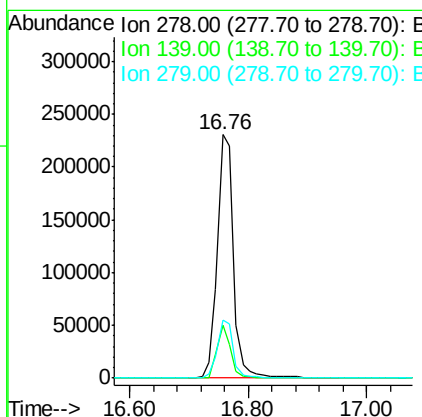
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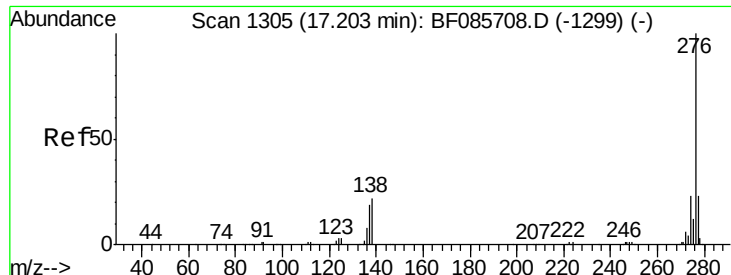
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 41.91 ng
RT: 16.76 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BF085909.D
Acq: 31 Mar 2016 3:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	21.9	14.4	21.6#
279	23.9	19.1	28.7





#91

Benzo(g,h,i)perylene

Concen: 37.12 ng

RT: 17.17 min Scan# 1302

Delta R.T. -0.00 min

Lab File: BF085909.D

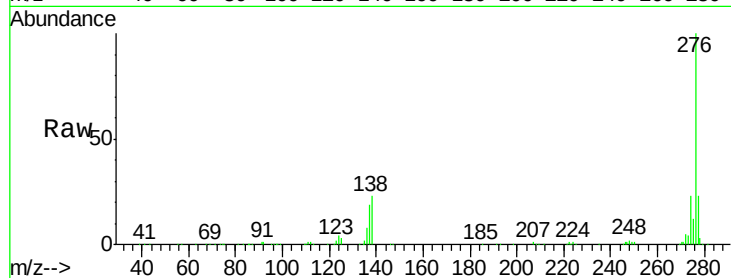
Acq: 31 Mar 2016 3:57

Instrument :

BNA_F

ClientSampleId :

BOTTOM-EAST-END-14BGLMS



Tgt	Ion	Ratio	Resp	Lower	Upper
276	100		393918		
277	22.9	18.8	28.2		
138	23.4	22.6	34.0		

Manual Integrations
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