Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121115\
Data File : BF083698.D
Acq On : 11 Dec 2015 15:20
Operator : UM/IZ
Sample : SSTDICC02.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
MMdadoda
12/14/2015 6:22:15 PM

Quant Time: Dec 11 19:25:56 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 11 17:53:37 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	153641	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	607732	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	274816	20.00	ng		0.00
63) Phenanthrene-d10	11.44	188	483428	20.00	ng		-0.01
75) Chrysene-d12	14.07	240	411896	20.00	ng		-0.01
86) Perylene-d12	15.52	264	290952	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	52961	5.23	ng		-0.01
7) Phenol-d6	6.53	99	67364	4.98	ng		-0.01
23) Nitrobenzene-d5	7.48	82	31968	2.45	ng		0.00
41) 2,4,6-Tribromophenol	10.74	330	9804m	4.00	ng		-0.01
44) 2-Fluorobiphenyl	9.29	172	112066	5.74	ng		0.00
78) Terphenyl-d14	13.03	244	95911	5.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	12884	2.57	ng		87
3) Pyridine	3.32	79	28577	2.35	ng		98
6) Aniline	6.58	93	42140	2.53	ng	#	78
8) 2-Chlorophenol	6.70	128	27160	2.45	ng	#	80
9) Benzaldehyde	6.46	77	20242	2.81	ng		91
10) Phenol	6.54	94	39408	2.40	ng	#	73
11) bis(2-Chloroethyl)ether	6.65	93	29306	2.43	ng		94
12) 1,3-Dichlorobenzene	6.86	146	32202	2.61	ng		100
13) 1,4-Dichlorobenzene	6.94	146	31227	2.47	ng		93
14) 1,2-Dichlorobenzene	7.09	146	30854	2.62	ng		99
15) Benzyl Alcohol	7.06	79	21246	2.21	ng		92
17) 2-Methylphenol	7.16	107	21821	2.42	ng	#	87
18) Hexachloroethane	7.45	117	9854	2.20	ng		98
19) n-Nitroso-di-n-propylamine	7.32	70	19324	2.05	ng	#	98
20) 3+4-Methylphenols	7.32	107	28644	2.41	ng	#	34
22) Acetophenone	7.32	105	42792	2.51	ng	#	94
25) Isophorone	7.73	82	51940	2.05	ng		97
27) 2,4-Dimethylphenol	7.86	122	27493	2.75	ng		93
28) bis(2-Chloroethoxy)methane	7.95	93	29903	2.13	ng		99
29) 2,4-Dichlorophenol	8.05	162	19103	2.10	ng		93
30) 1,2,4-Trichlorobenzene	8.16	180	23289	2.32	ng		96
31) Naphthalene	8.22	128	80858	2.51	ng		99
33) 4-Chloroaniline	8.27	127	33907	2.89	ng	#	91
34) Hexachlorobutadiene	8.36	225	13124	2.24	ng		96
36) 4-Chloro-3-methylphenol	8.74	107	21387	2.09	ng		98
37) 2-Methylnaphthalene	8.92	142	55559	2.75	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	22173	2.46	ng	#	100
40) Hexachlorocyclopentadiene	9.08	237	8713	7.13	ng		97
42) 2,4,6-Trichlorophenol	9.20	196	12920	2.41	ng		91
43) 2,4,5-Trichlorophenol	9.23	196	12889m	2.43	ng		
45) 1,1'-Biphenyl	9.38	154	65553	2.74	ng		97
46) 2-Chloronaphthalene	9.40	162	47740	2.65	ng	#	92
48) Acenaphthylene	9.82	152	82144	2.76	ng		98
49) Dimethylphthalate	9.68	163	58917	2.69	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121115\
Data File : BF083698.D
Acq On : 11 Dec 2015 15:20
Operator : UM/IZ
Sample : SSTDICC02.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
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12/14/2015 6:22:15 PM

Quant Time: Dec 11 19:25:56 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 11 17:53:37 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
51) Acenaphthene	10.00	154	50013	2.94	ng		98
54) Dibenzofuran	10.17	168	65219	2.76	ng		96
57) Fluorene	10.51	166	54351	2.64	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.28	232	9107	2.31	ng	#	100
59) Diethylphthalate	10.37	149	48990	2.30	ng		98
60) 4-Chlorophenyl-phenylether	10.50	204	24800	2.53	ng		90
62) Azobenzene	10.66	77	49743	2.13	ng		96
65) n-Nitrosodiphenylamine	10.61	169	48016	3.01	ng		98
66) 4-Bromophenyl-phenylether	10.99	248	14359	2.66	ng		97
67) Hexachlorobenzene	11.06	284	15405	2.69	ng	#	86
68) Atrazine	11.14	200	11086	2.34	ng		97
69) Pentachlorophenol	11.24	266	5728	4.57	ng		97
70) Phenanthrene	11.46	178	76534	2.76	ng		99
71) Anthracene	11.52	178	81931	2.85	ng		99
72) Carbazole	11.67	167	77248	3.13	ng		98
73) Di-n-butylphthalate	12.01	149	78192	2.52	ng		98
74) Fluoranthene	12.65	202	79549	2.80	ng		99
76) Benzidine	12.76	184	33720	2.63	ng		98
77) Pyrene	12.88	202	84295	2.84	ng		99
80) Benzo(a)anthracene	14.05	228	66237	2.75	ng		98
81) 3,3'-Dichlorobenzidine	14.02	252	16597	2.04	ng		96
82) Chrysene	14.10	228	62715	2.59	ng		97
85) Indeno(1,2,3-cd)pyrene	16.93	276	38661	2.37	ng	#	100
87) Benzo(b)fluoranthene	15.09	252	48108m	2.90	ng		
88) Benzo(k)fluoranthene	15.12	252	44654m	2.45	ng		
89) Benzo(a)pyrene	15.45	252	38870	2.40	ng		97
90) Dibenzo(a,h)anthracene	16.96	278	30227	2.45	ng		98
91) Benzo(g,h,i)perylene	17.36	276	33562	2.78	ng		97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121115\
Data File : BF083698.D
Acq On : 11 Dec 2015 15:20
Operator : UM/IZ
Sample : SSTDICC02.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 11 19:25:56 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 11 17:53:37 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
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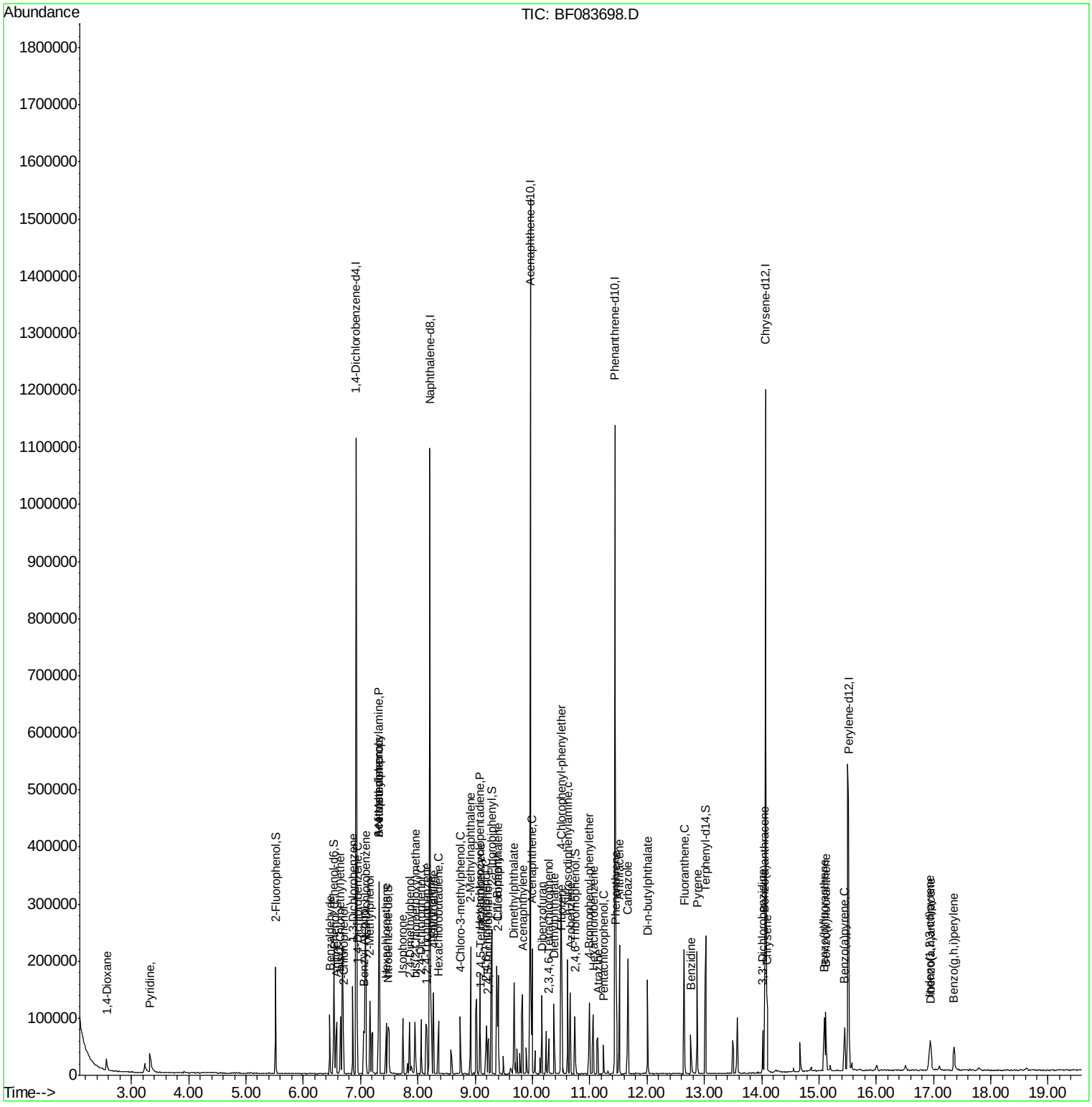
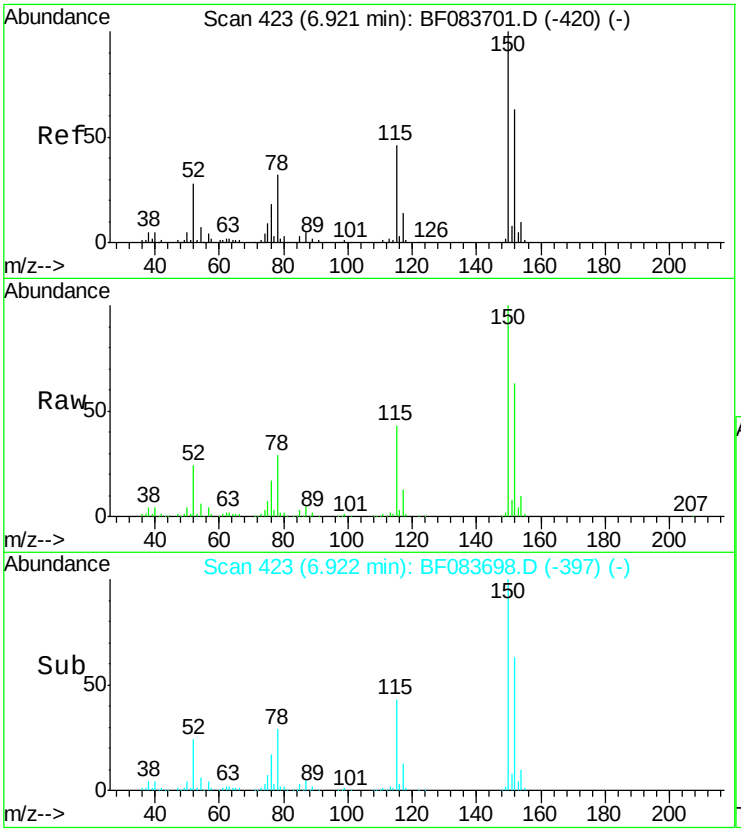
12/14/2015 6:22:15 PM

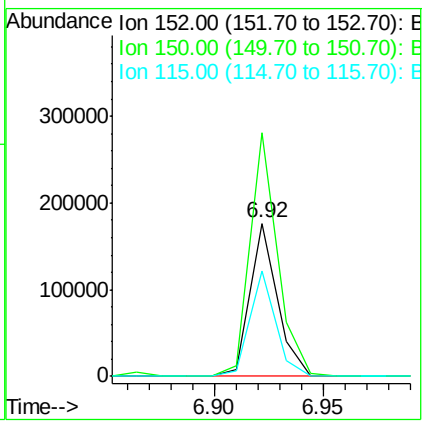




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion:152 Resp: 153641

Ion	Ratio	Lower	Upper
152	100		
150	159.0	126.5	189.7
115	68.8	52.3	78.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
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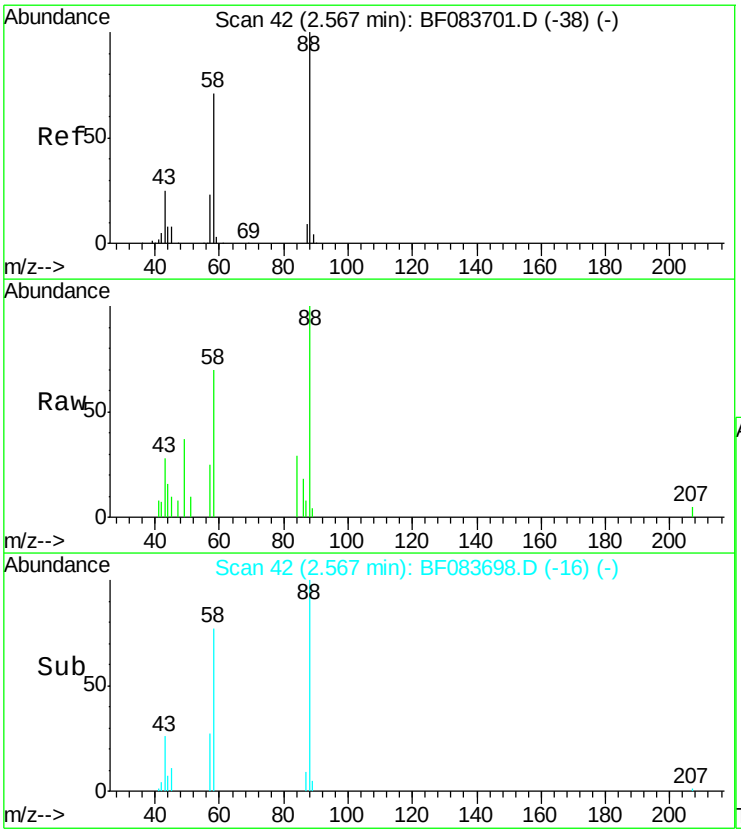
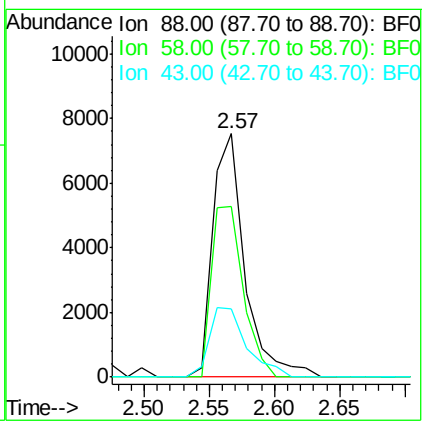
12/14/2015 6:22:15 PM

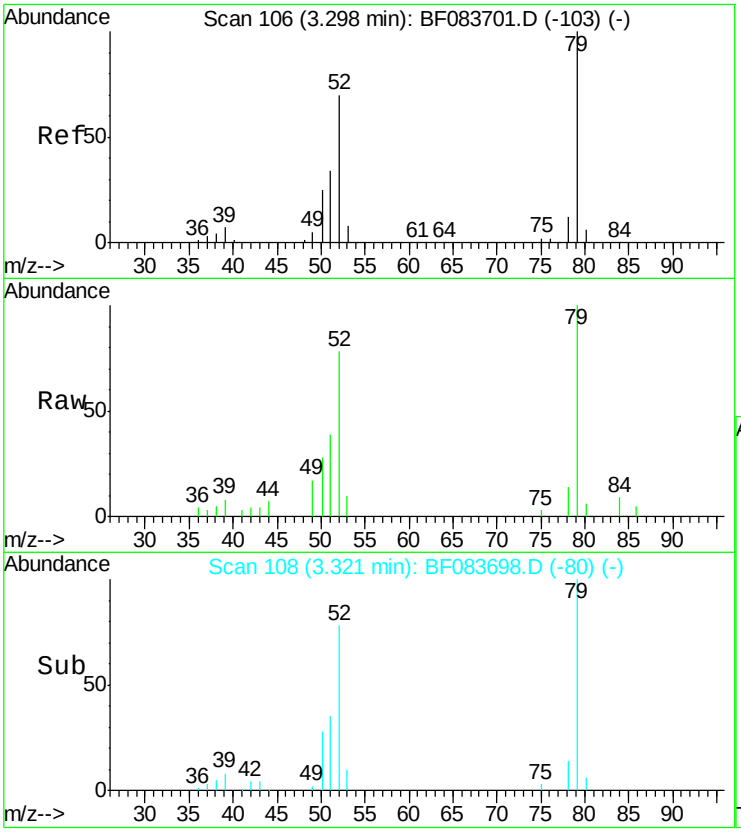


#2
1,4-Dioxane
Concen: 2.57 ng
RT: 2.57 min Scan# 42
Delta R.T. 0.00 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion: 88 Resp: 12884

Ion	Ratio	Lower	Upper
88	100		
58	69.6	68.0	102.0
43	33.3	27.9	41.9

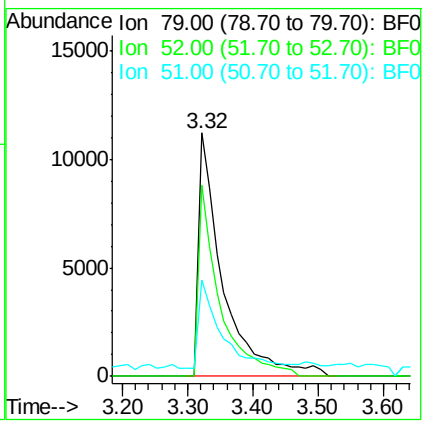




#3
Pyridine
Concen: 2.35 ng
RT: 3.32 min Scan# 108
Delta R.T. 0.02 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion: 79 Resp: 28577

Ion	Ratio	Lower	Upper
79	100		
52	78.5	63.7	95.5
51	39.4	30.6	45.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
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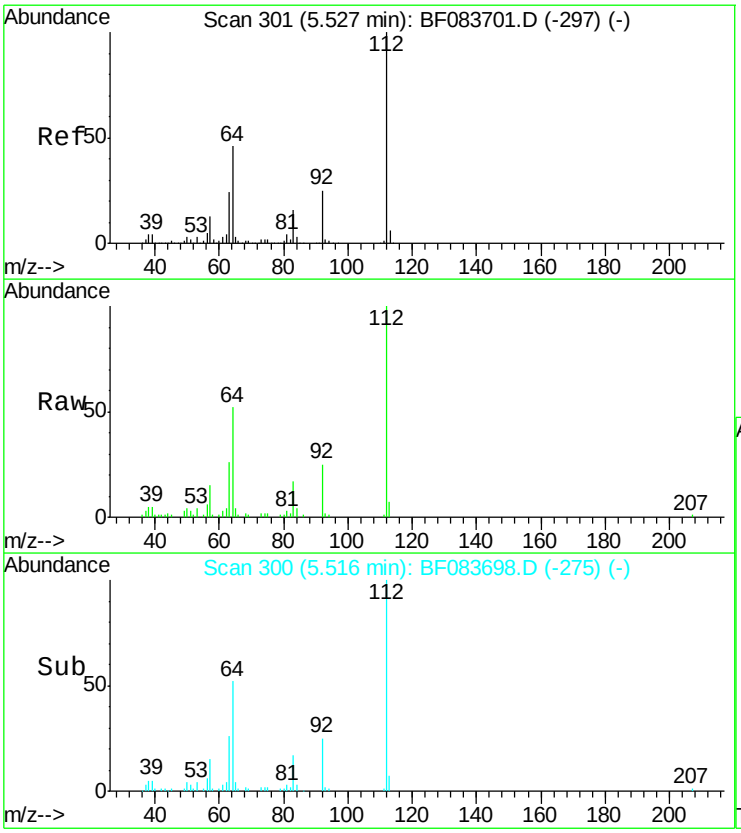
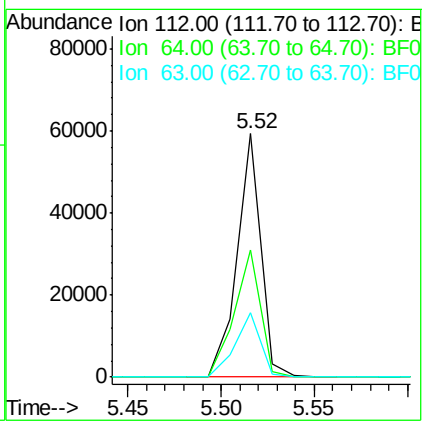
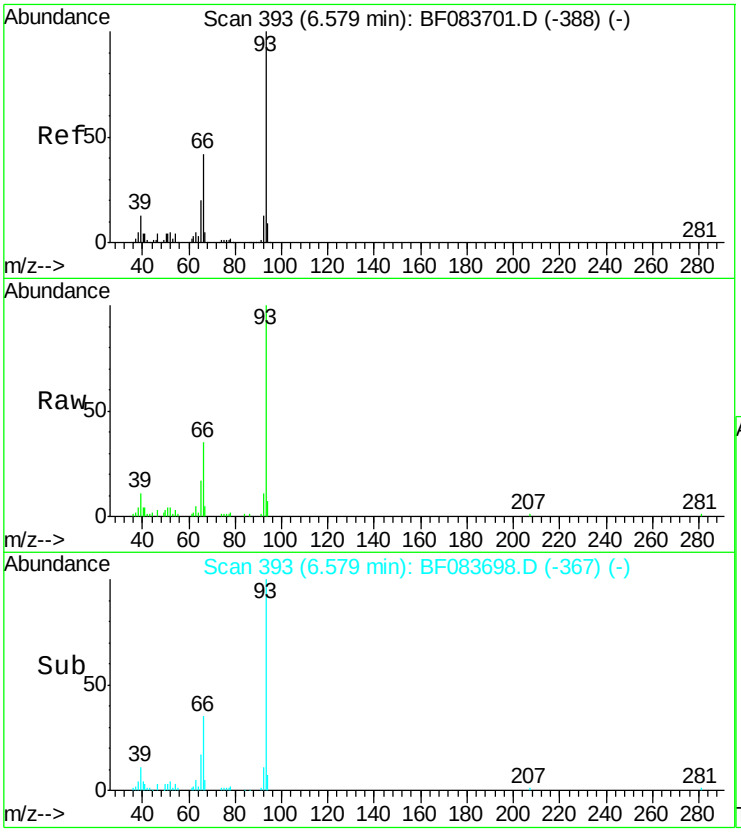


#5
2-Fluorophenol
Concen: 5.23 ng
RT: 5.52 min Scan# 300
Delta R.T. -0.01 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion:112 Resp: 52961

Ion	Ratio	Lower	Upper
112	100		
64	52.4	50.5	75.7
63	26.3	25.8	38.6

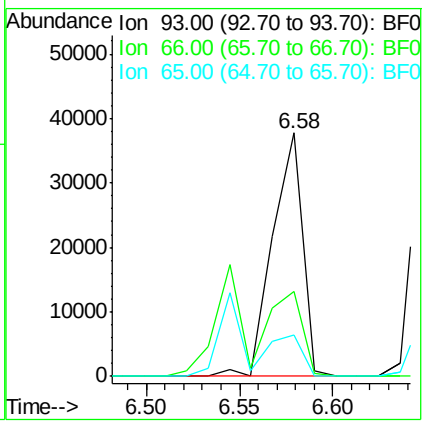




#6
Aniline
Concen: 2.53 ng
RT: 6.58 min Scan# 393
Delta R.T. 0.00 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion: 93 Resp: 42140

Ion	Ratio	Lower	Upper
93	100		
66	34.7	41.3	61.9#
65	16.9	20.8	31.2#



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
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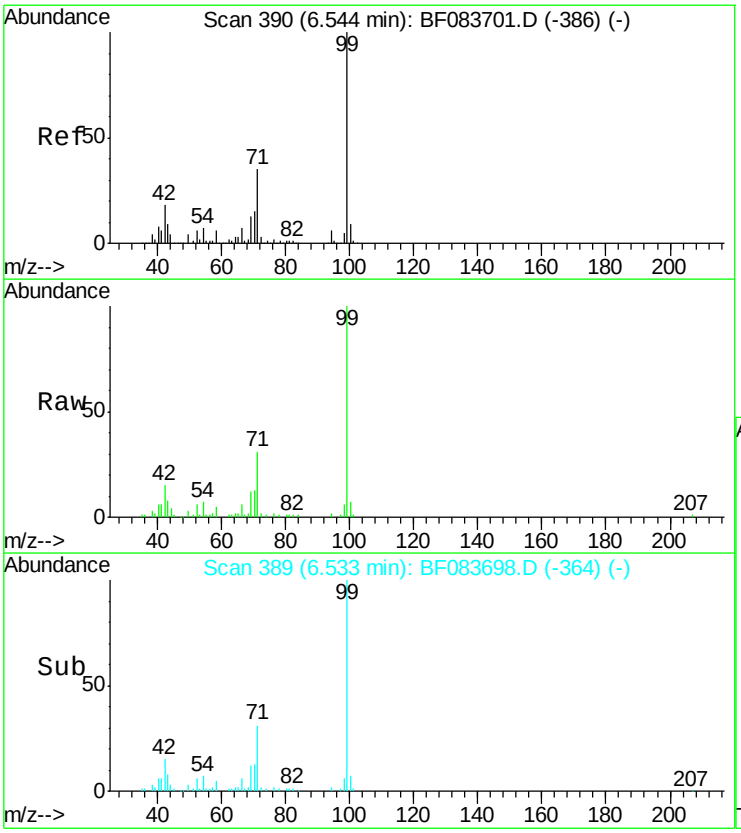
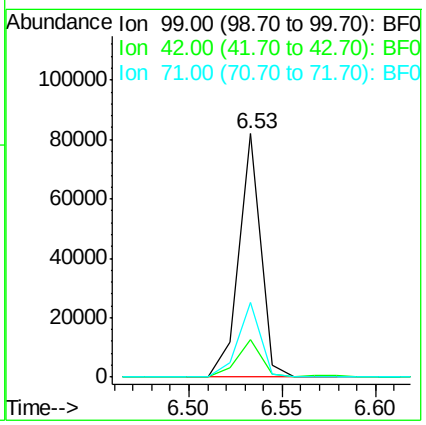
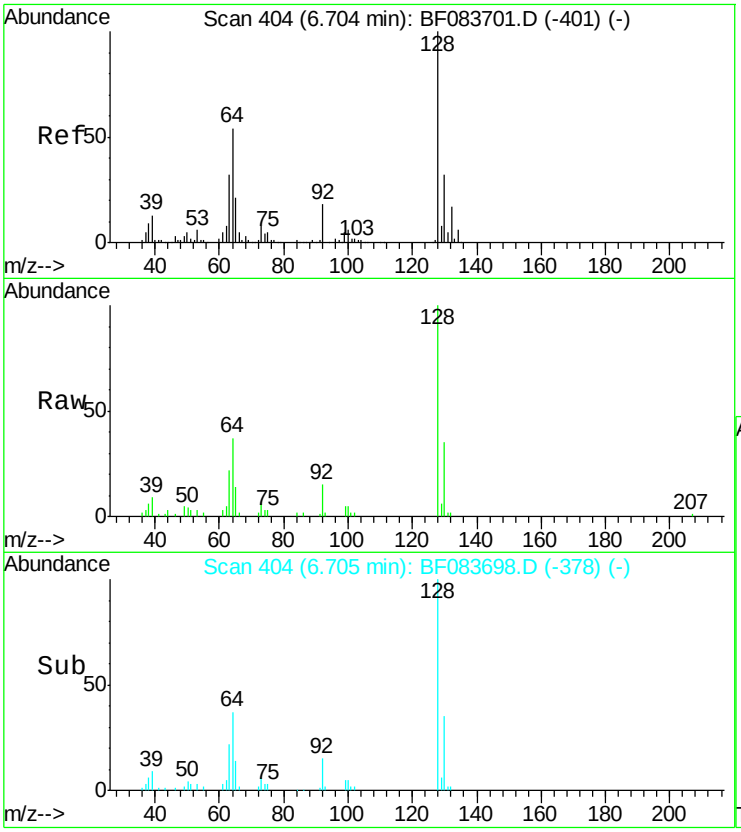


#7
Phenol-d6
Concen: 4.98 ng
RT: 6.53 min Scan# 389
Delta R.T. -0.01 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion: 99 Resp: 67364

Ion	Ratio	Lower	Upper
99	100		
42	15.2	17.3	25.9#
71	30.6	26.6	40.0

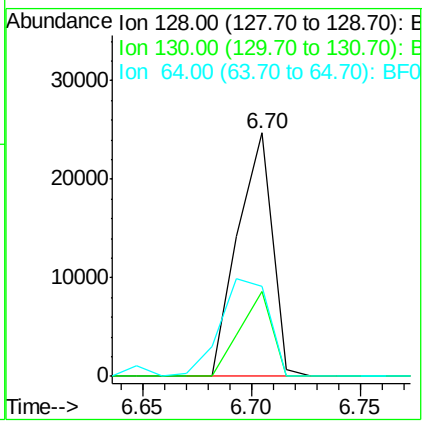




#8
2-Chlorophenol
Concen: 2.45 ng
RT: 6.70 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion:128 Resp: 27160

Ion	Ratio	Lower	Upper
128	100		
130	34.8	12.6	52.6
64	36.8	38.6	78.6#



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
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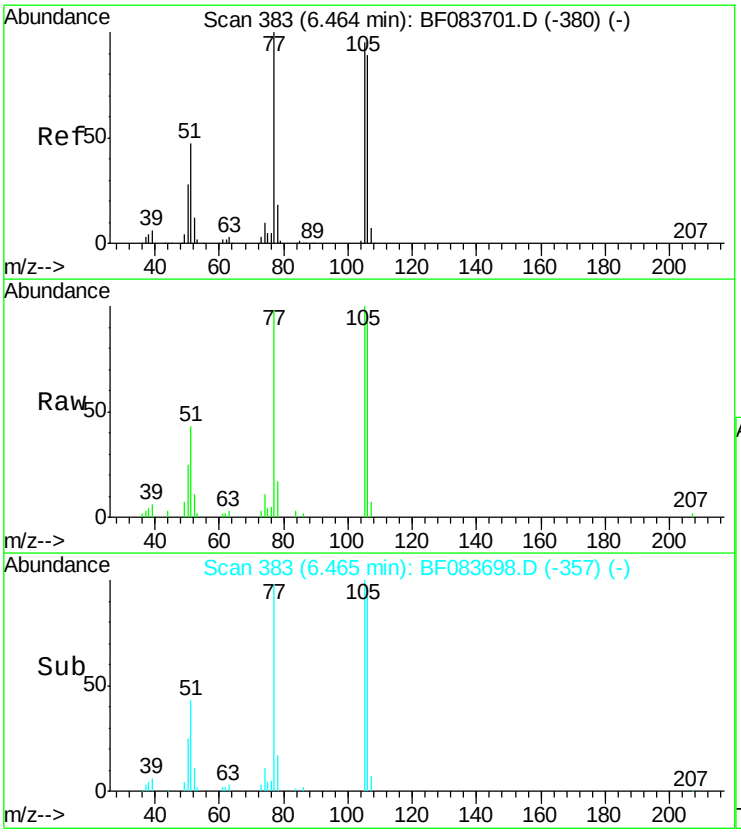
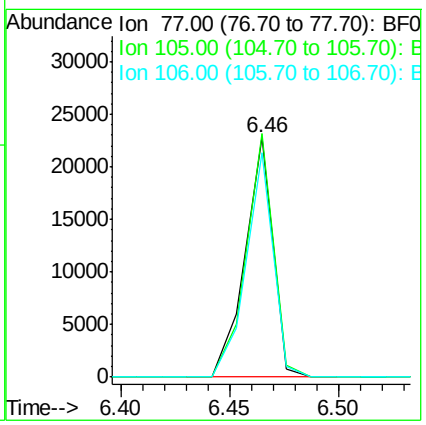
12/14/2015 6:22:15 PM

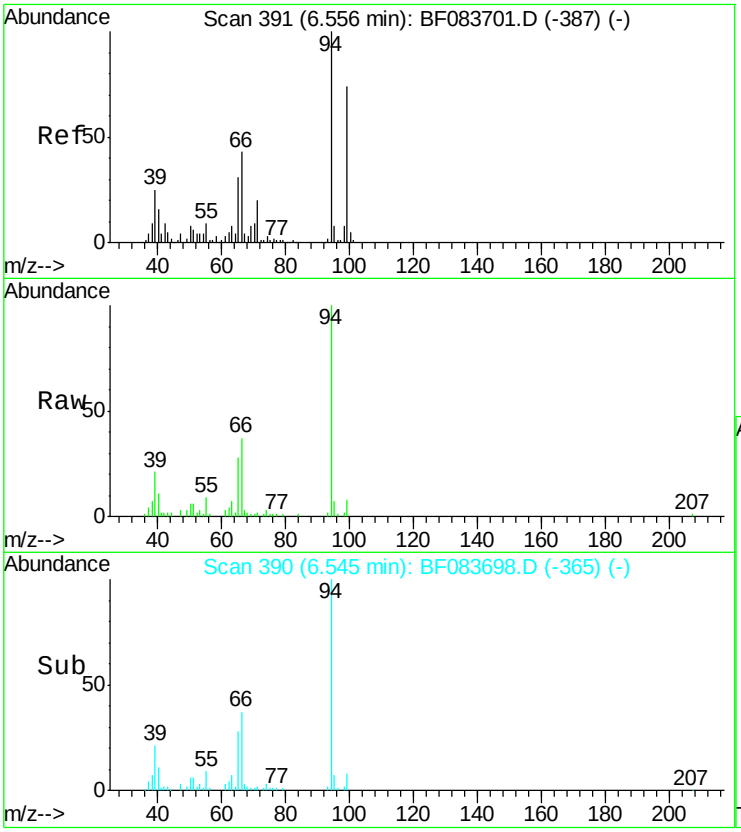


#9
Benzaldehyde
Concen: 2.81 ng
RT: 6.46 min Scan# 383
Delta R.T. 0.00 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion: 77 Resp: 20242

Ion	Ratio	Lower	Upper
77	100		
105	101.8	71.8	111.8
106	93.7	66.8	106.8

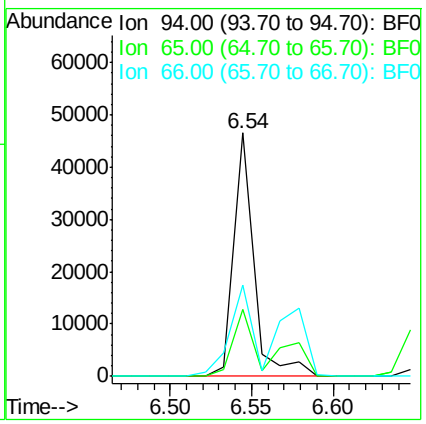




#10
Phenol
Concen: 2.40 ng
RT: 6.54 min Scan# 390
Delta R.T. -0.01 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion: 94 Resp: 39408

Ion	Ratio	Lower	Upper
94	100		
65	27.8	20.9	60.9
66	37.4	41.6	81.6#



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
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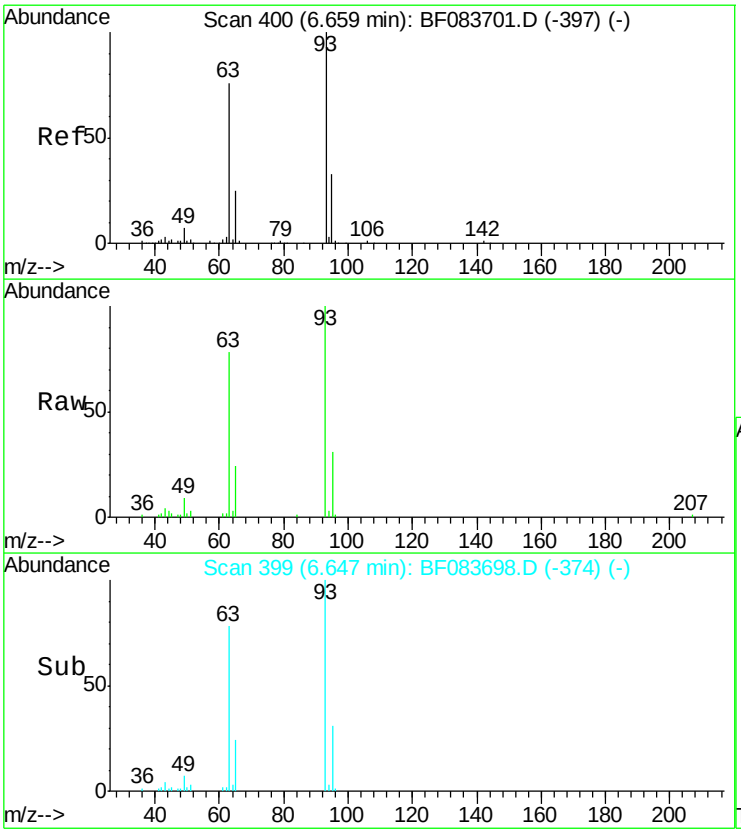
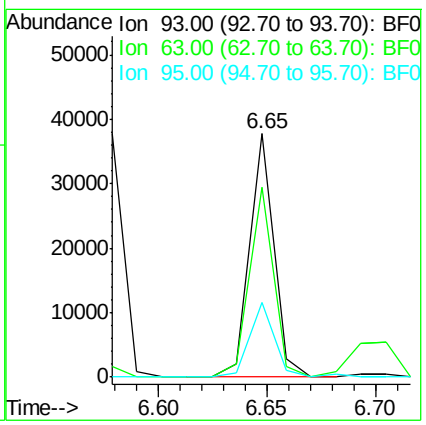
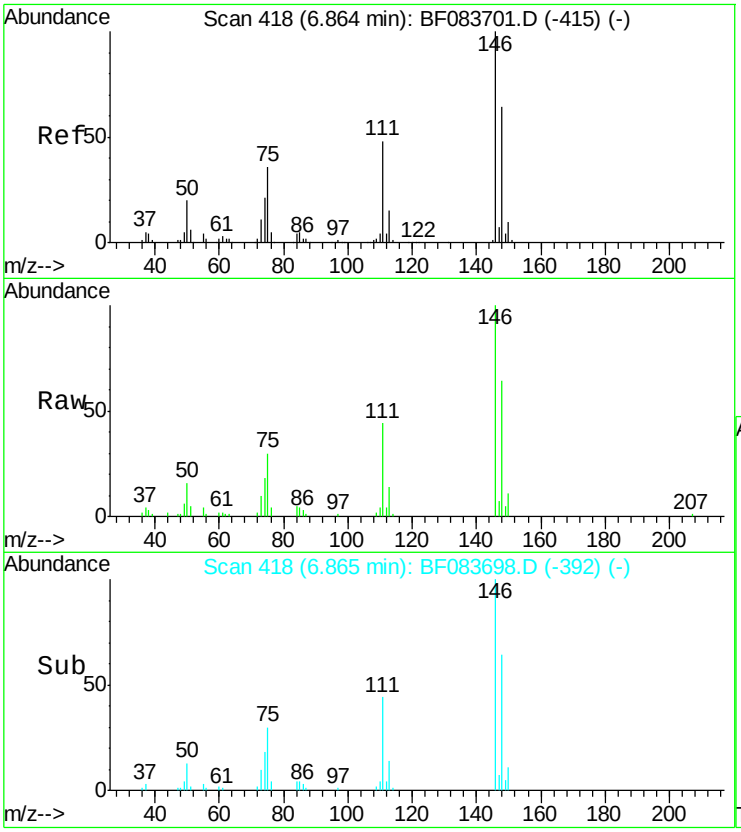


#11
bis(2-Chloroethyl)ether
Concen: 2.43 ng
RT: 6.65 min Scan# 399
Delta R.T. -0.01 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion: 93 Resp: 29306

Ion	Ratio	Lower	Upper
93	100		
63	78.1	64.7	104.7
95	30.6	12.7	52.7

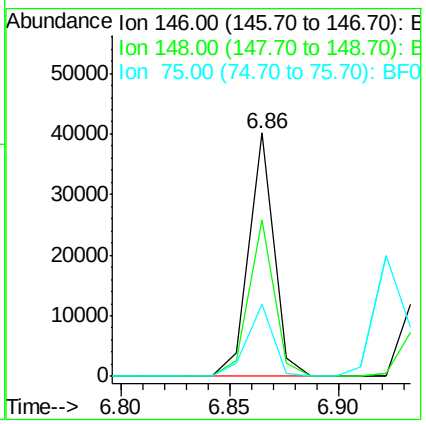




#12
1,3-Dichlorobenzene
Concen: 2.61 ng
RT: 6.86 min Scan# 418
Delta R.T. 0.00 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion:146 Resp: 32202

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.3	76.9
75	29.5	24.1	36.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
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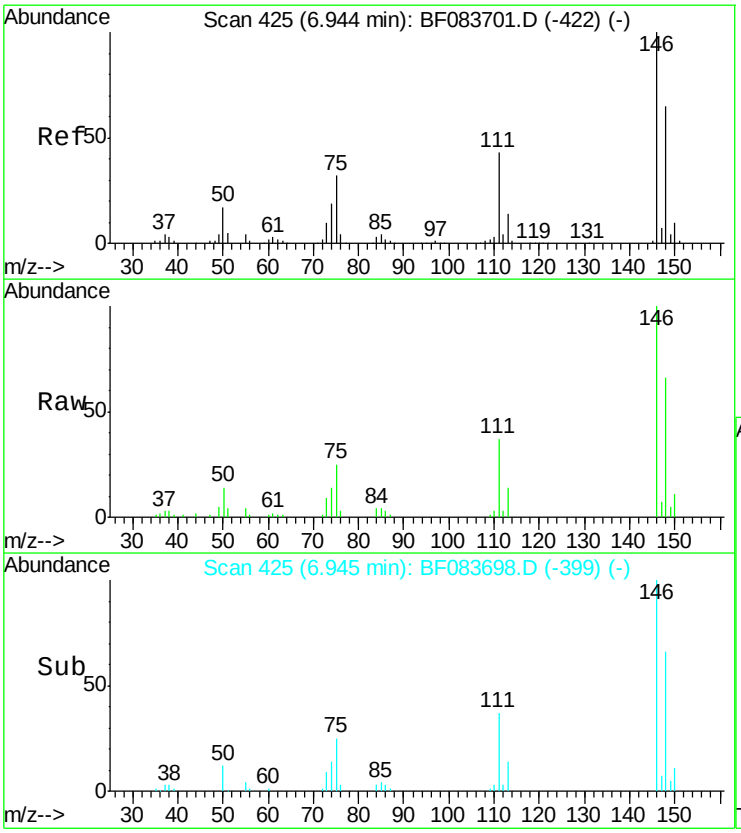
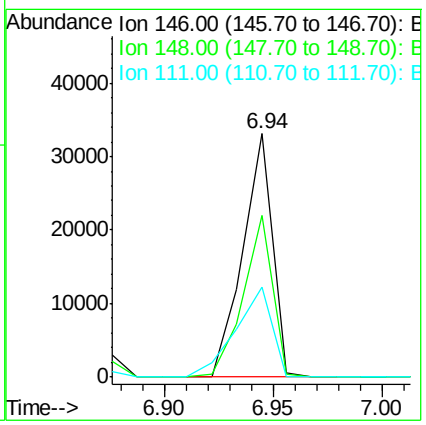
12/14/2015 6:22:15 PM

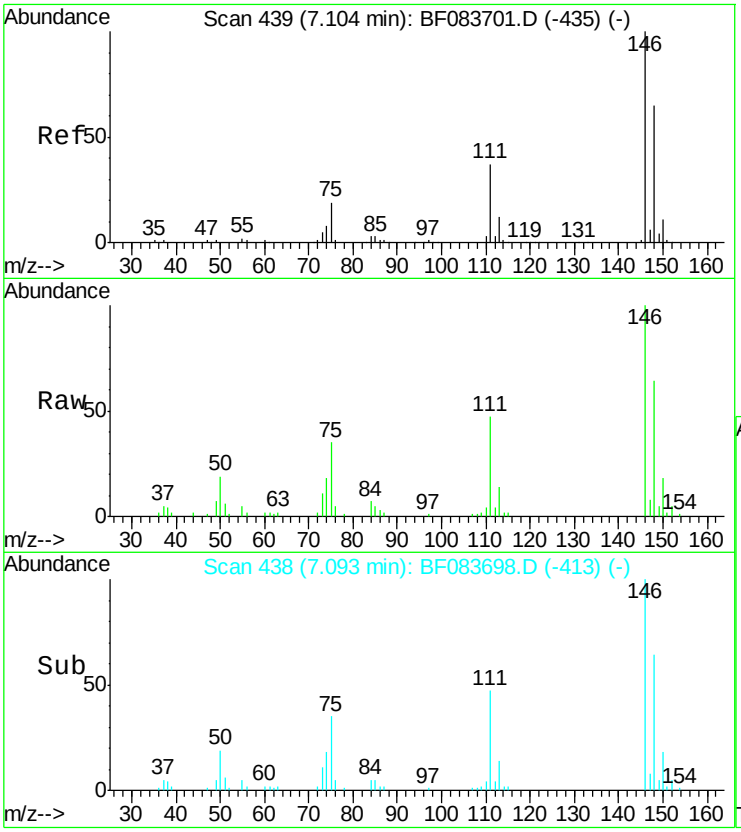


#13
1,4-Dichlorobenzene
Concen: 2.47 ng
RT: 6.94 min Scan# 425
Delta R.T. 0.00 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion:146 Resp: 31227

Ion	Ratio	Lower	Upper
146	100		
148	66.4	50.6	76.0
111	37.1	36.1	54.1

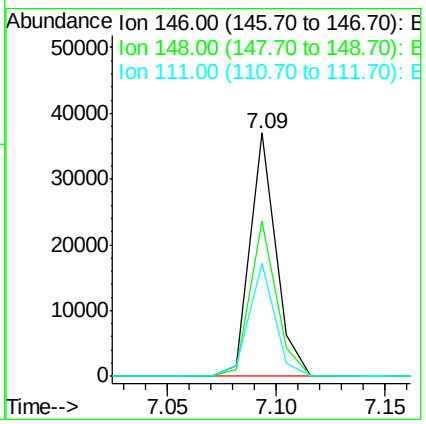




#14
1,2-Dichlorobenzene
Concen: 2.62 ng
RT: 7.09 min Scan# 438
Delta R.T. -0.01 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion:146 Resp: 30854

Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.4	77.0
111	46.5	36.7	55.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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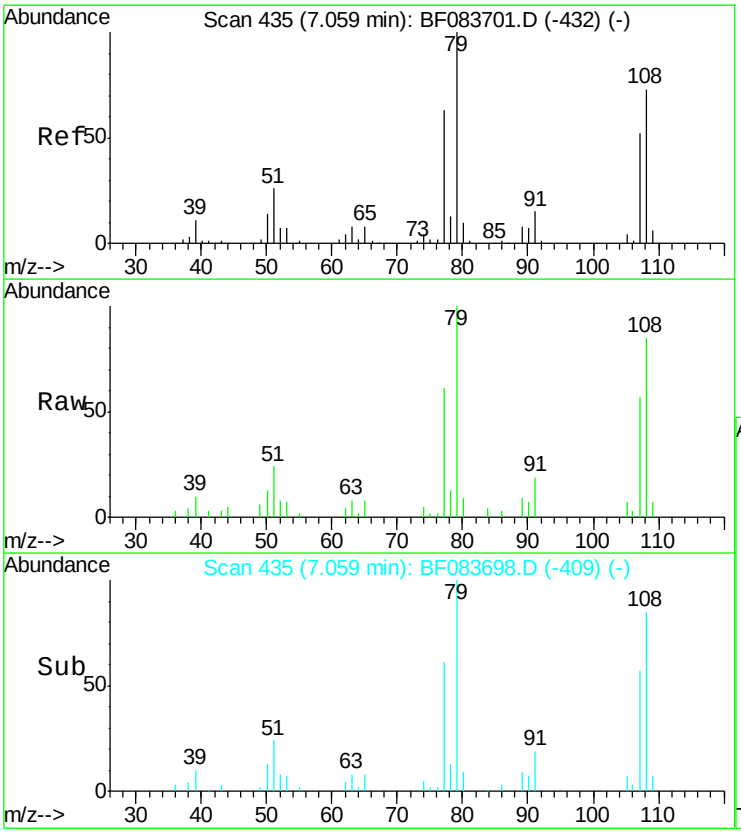
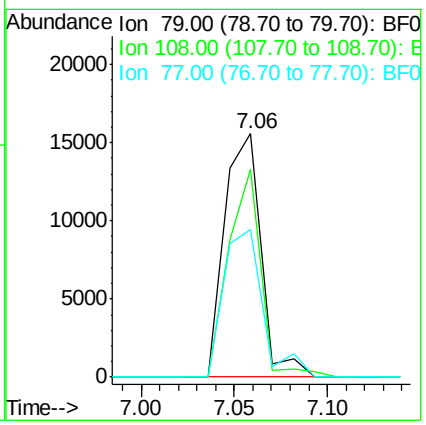
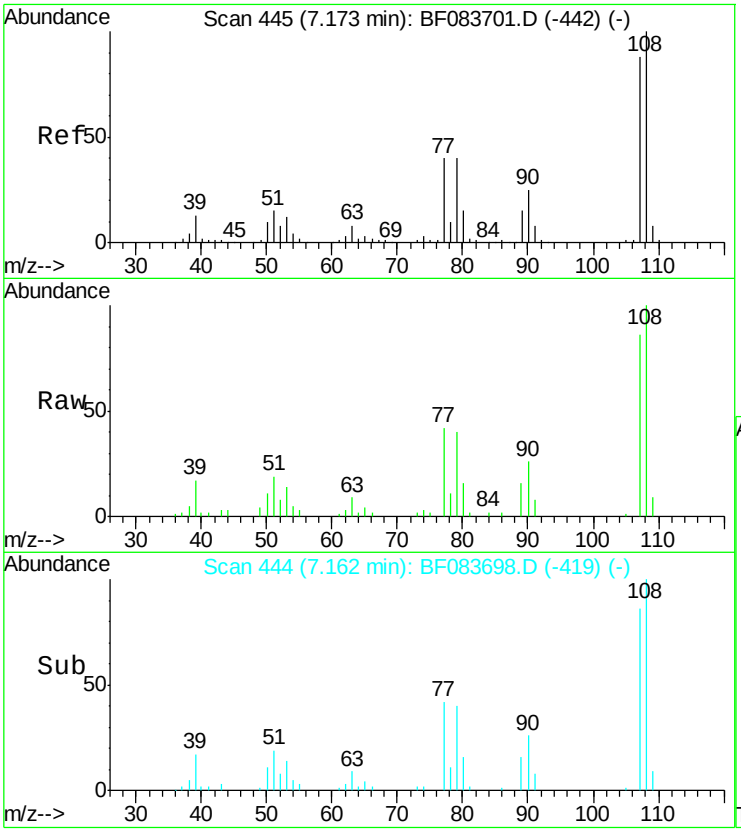


#15
Benzyl Alcohol
Concen: 2.21 ng
RT: 7.06 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion: 79 Resp: 21246

Ion	Ratio	Lower	Upper
79	100		
108	85.4	59.6	89.4
77	60.7	49.8	74.6

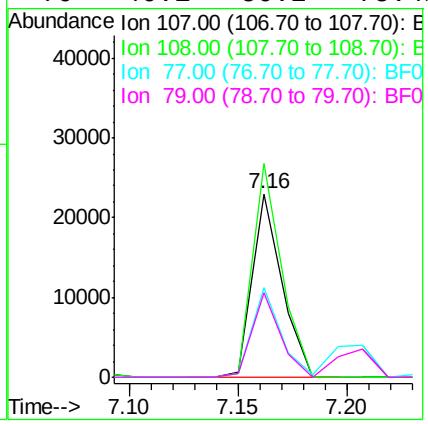




#17
2-Methylphenol
Concen: 2.42 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion:107 Resp: 21821

Ion	Ratio	Lower	Upper
107	100		
108	116.4	91.6	137.4
77	48.6	53.7	80.5#
79	46.1	50.2	75.4#



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
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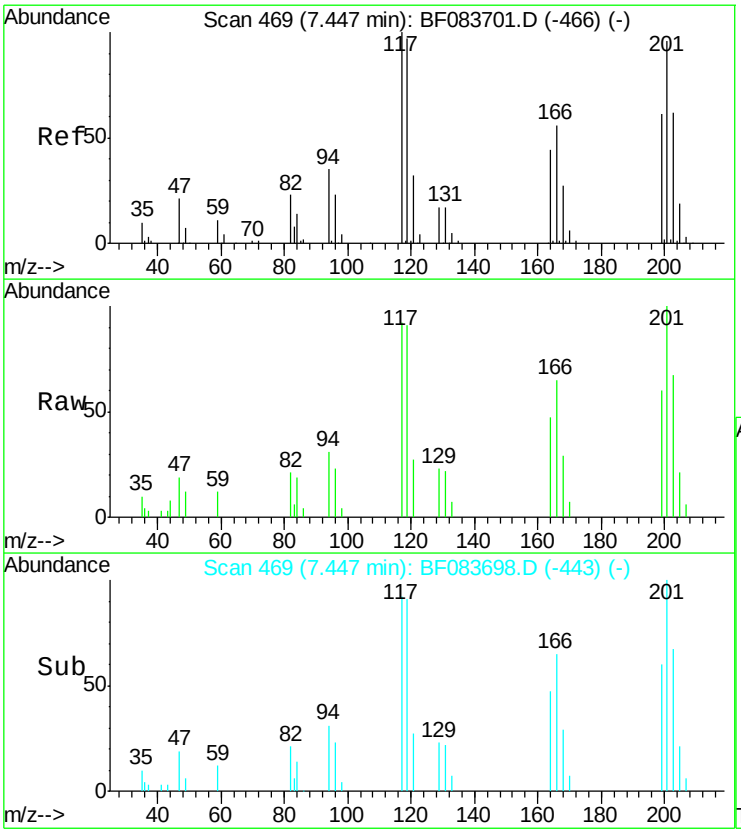
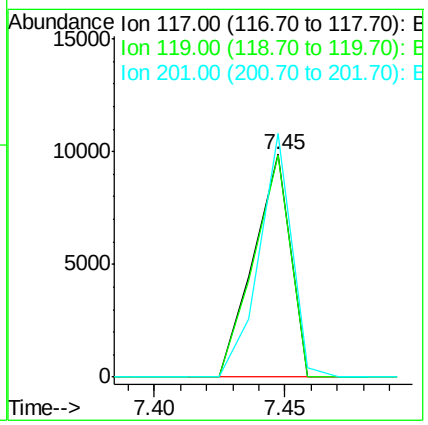
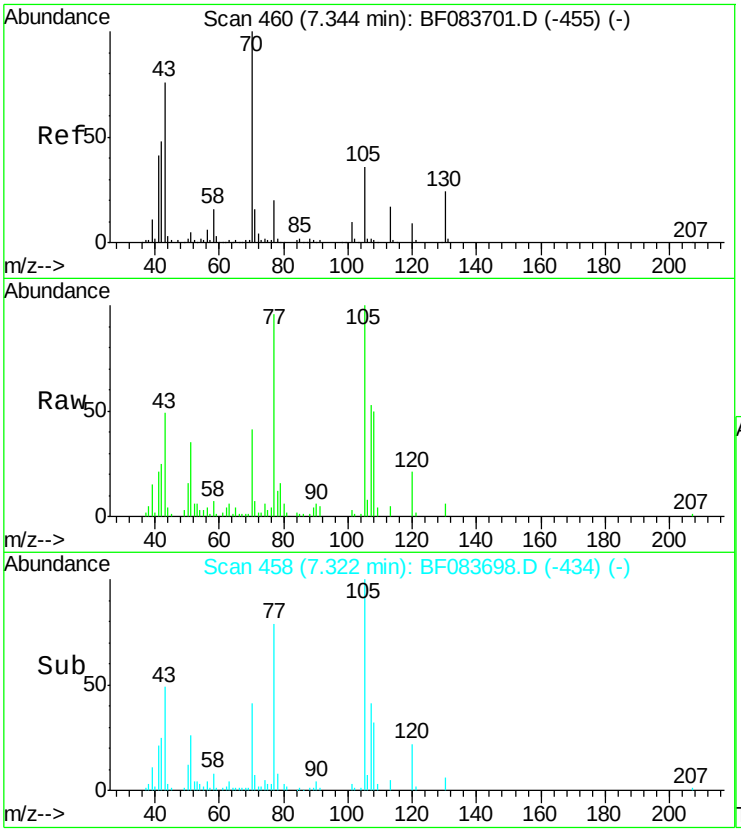


#18
Hexachloroethane
Concen: 2.20 ng
RT: 7.45 min Scan# 469
Delta R.T. 0.00 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion:117 Resp: 9854

Ion	Ratio	Lower	Upper
117	100		
119	99.4	77.2	115.8
201	109.2	86.8	130.2

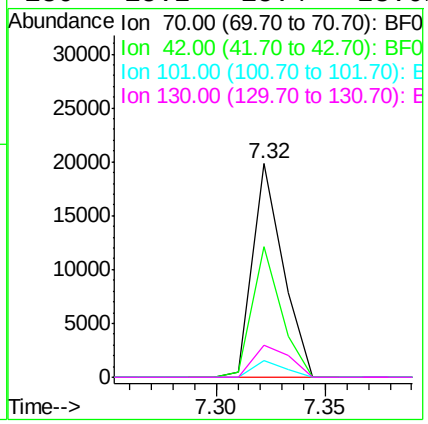




#19
n-Nitroso-di-n-propylamine
Concen: 2.05 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion: 70 Resp: 19324

Ion	Ratio	Lower	Upper
70	100		
42	61.4	49.2	73.8
101	8.0	7.1	10.7
130	15.2	15.4	23.0#



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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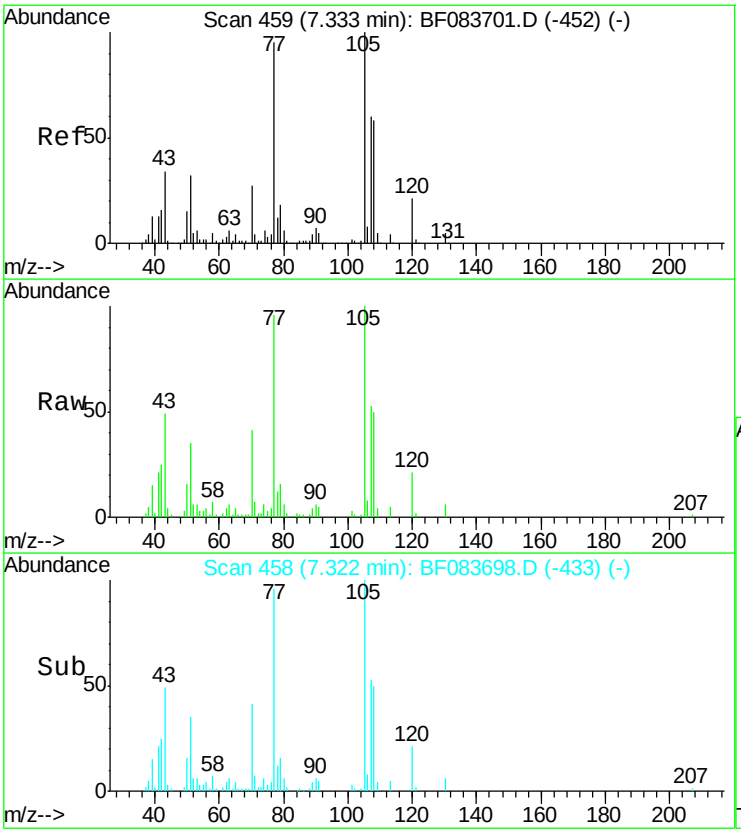
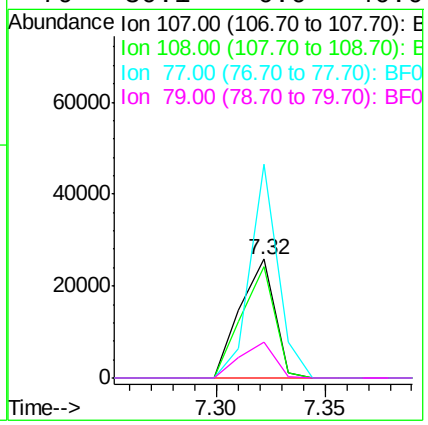
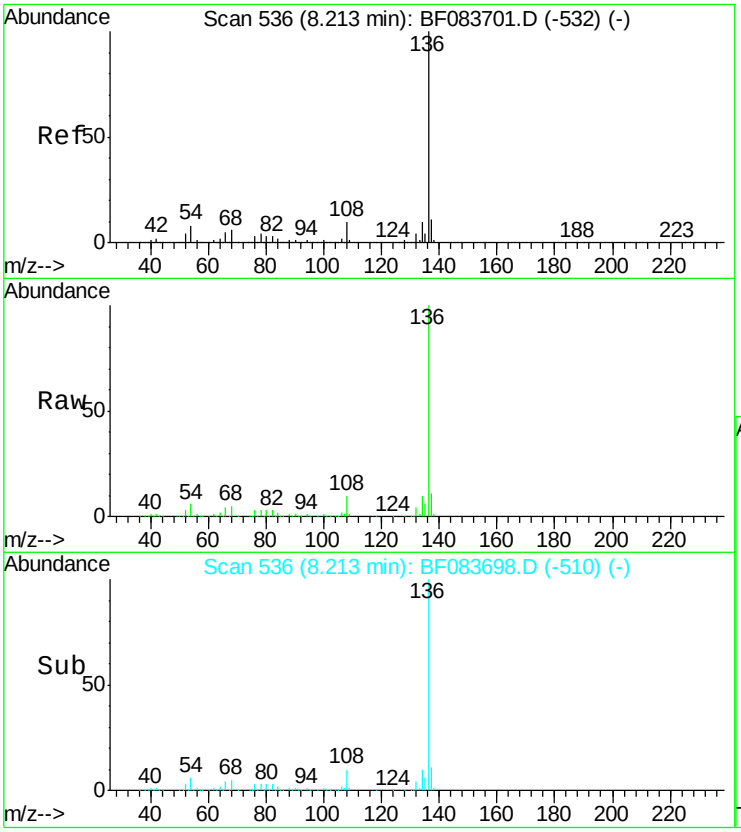


#20
3+4-Methylphenols
Concen: 2.41 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion:107 Resp: 28644

Ion	Ratio	Lower	Upper
107	100		
108	93.2	65.2	105.2
77	179.5	15.2	55.2#
79	30.1	6.0	46.0

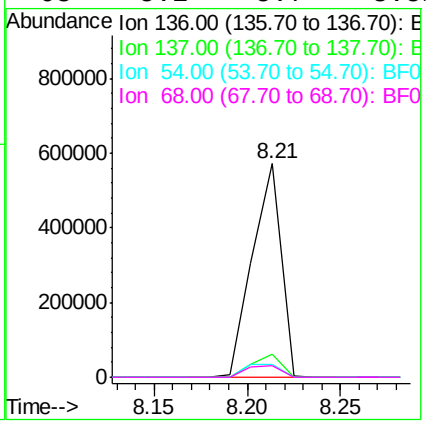




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion:136 Resp: 607732

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	5.9	7.8	11.6#
68	5.2	5.7	8.5#



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
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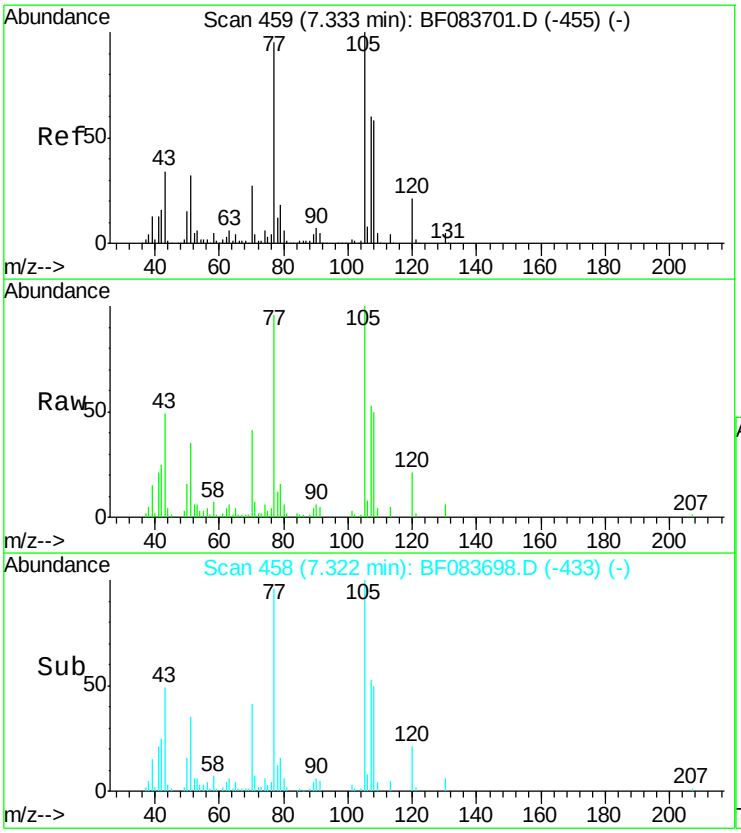
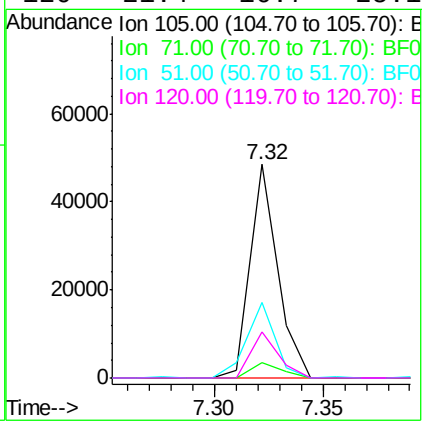
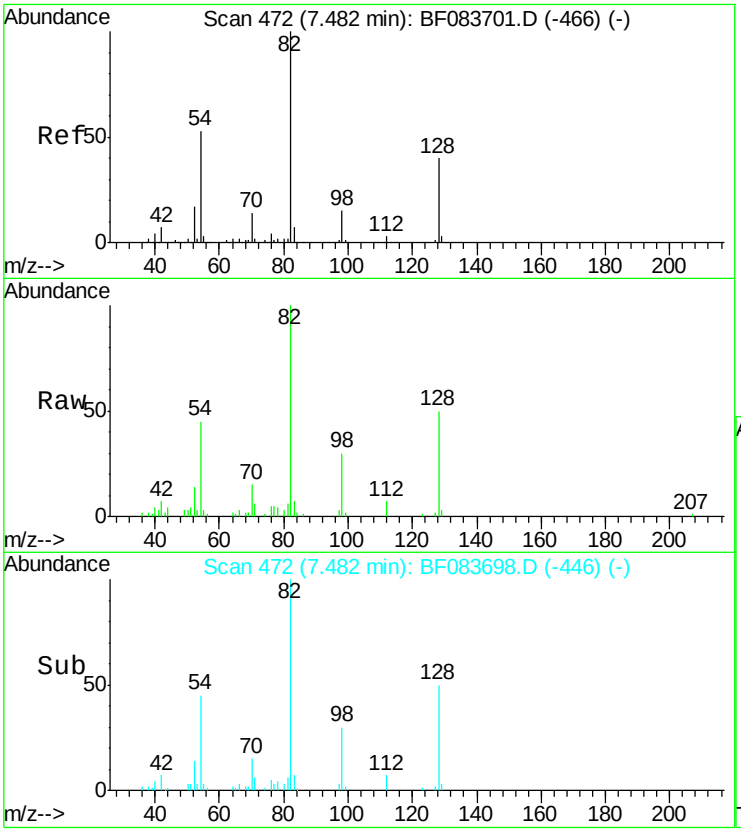


#22
Acetophenone
Concen: 2.51 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion:105 Resp: 42792

Ion	Ratio	Lower	Upper
105	100		
71	7.0	1.3	1.9#
51	35.1	23.8	35.8
120	21.4	16.7	25.1

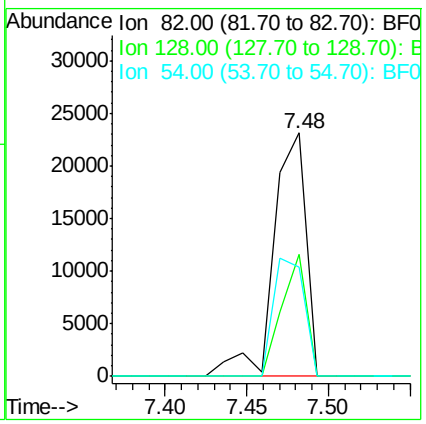




#23
Nitrobenzene-d5
Concen: 2.45 ng
RT: 7.48 min Scan# 472
Delta R.T. 0.00 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion: 82 Resp: 31968

Ion	Ratio	Lower	Upper
82	100		
128	50.2	30.7	46.1#
54	44.9	42.5	63.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
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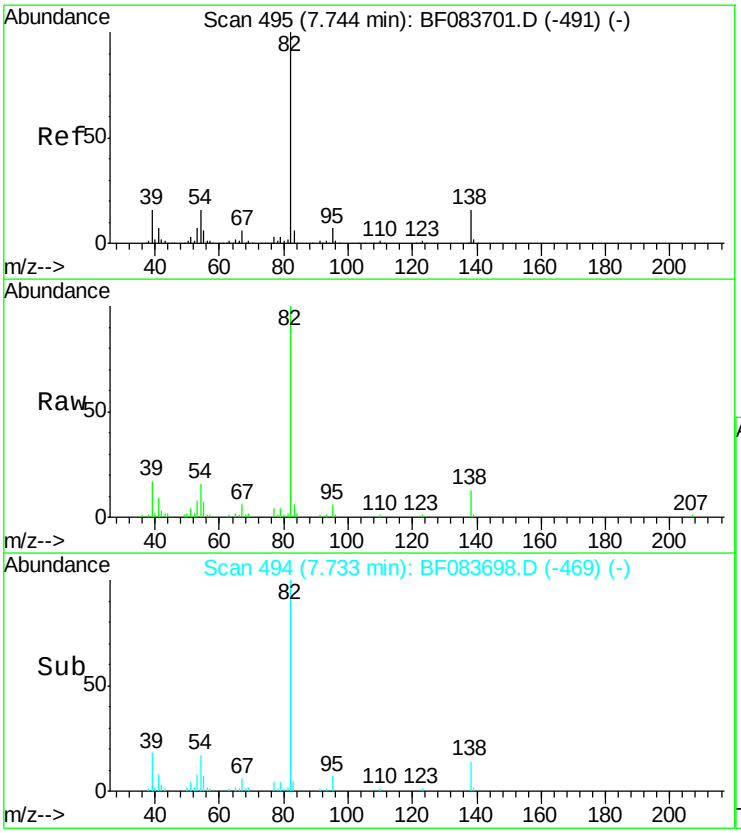
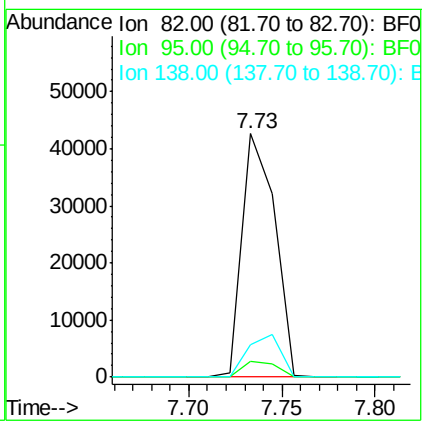
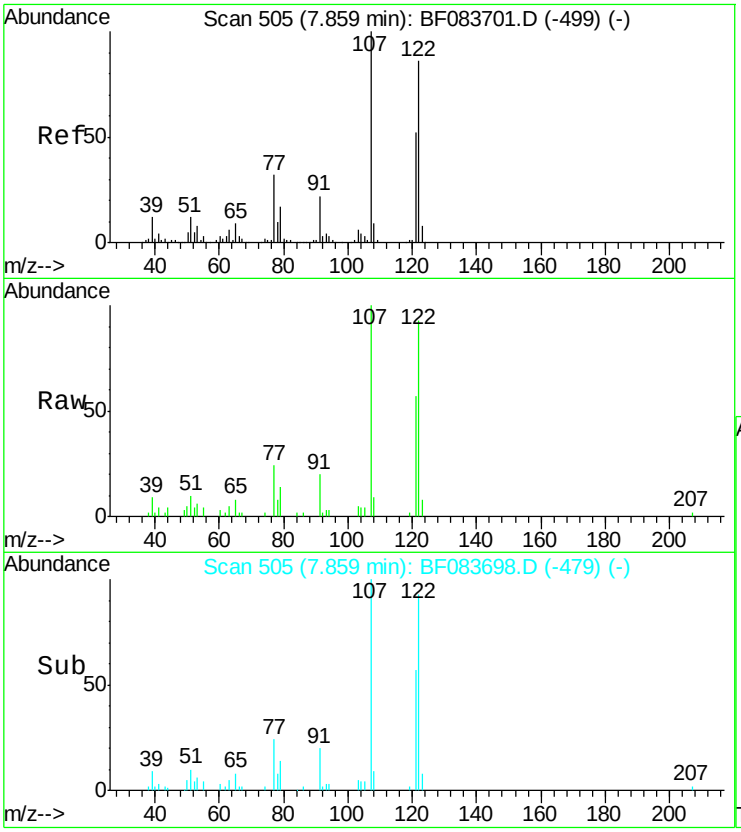


#25
Isophorone
Concen: 2.05 ng
RT: 7.73 min Scan# 494
Delta R.T. -0.01 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion: 82 Resp: 51940

Ion	Ratio	Lower	Upper
82	100		
95	6.3	5.0	7.4
138	13.2	12.1	18.1

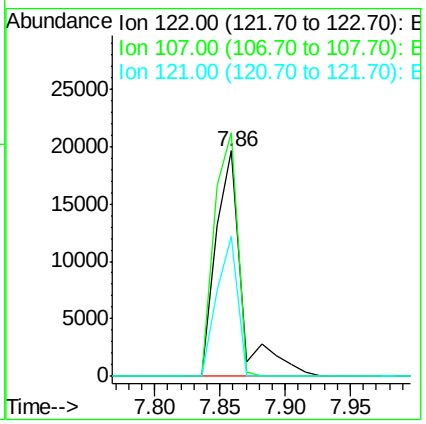




#27
2,4-Dimethylphenol
Concen: 2.75 ng
RT: 7.86 min Scan# 505
Delta R.T. 0.00 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion:122 Resp: 27493

Ion	Ratio	Lower	Upper
122	100		
107	108.1	92.4	138.6
121	61.9	45.8	68.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
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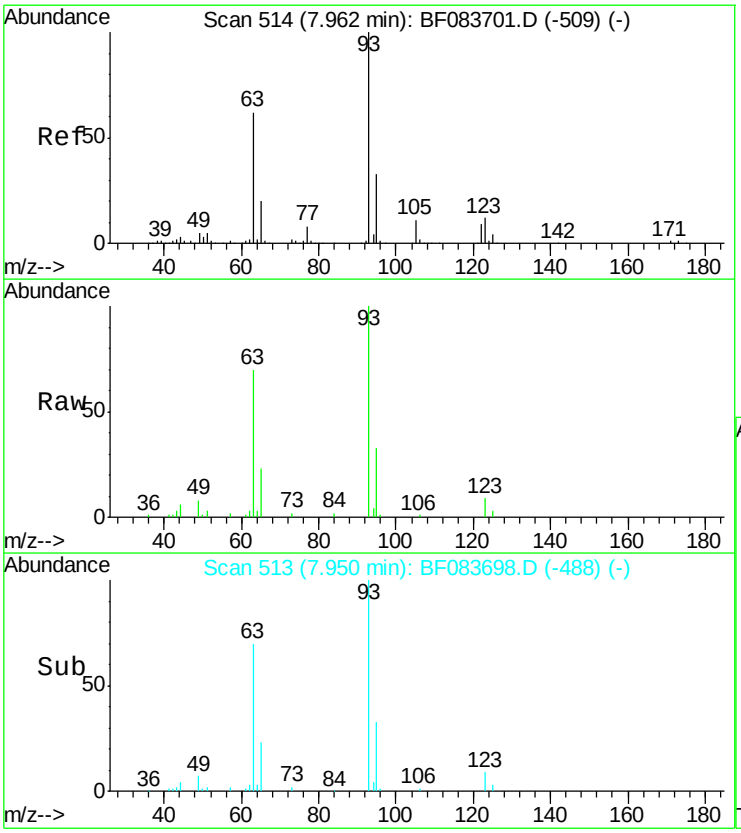
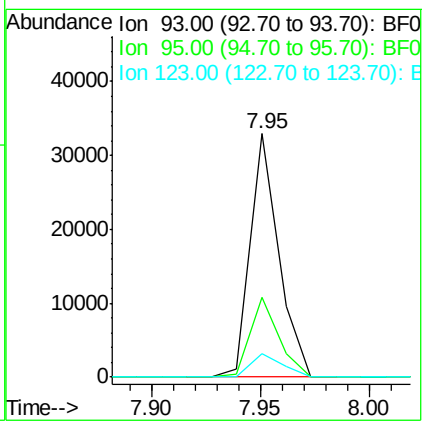
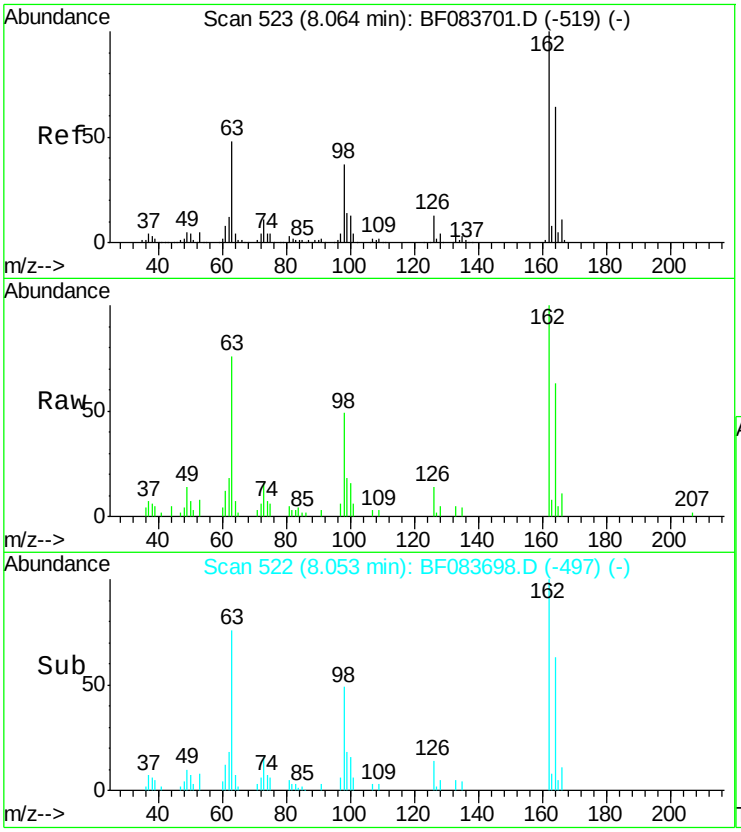


#28
bis(2-Chloroethoxy)methane
Concen: 2.13 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.01 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion: 93 Resp: 29903

Ion	Ratio	Lower	Upper
93	100		
95	32.6	25.6	38.4
123	9.5	7.3	10.9

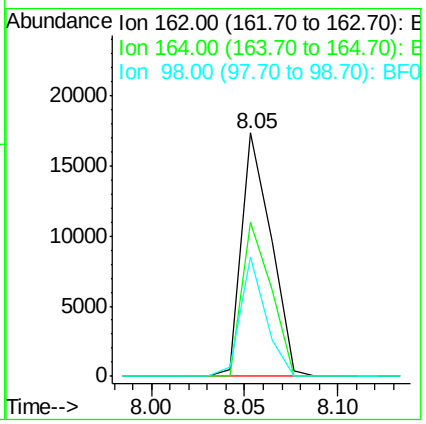




#29
2,4-Dichlorophenol
Concen: 2.10 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion:162 Resp: 19103

Ion	Ratio	Lower	Upper
162	100		
164	63.5	43.4	83.4
98	49.2	17.5	57.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
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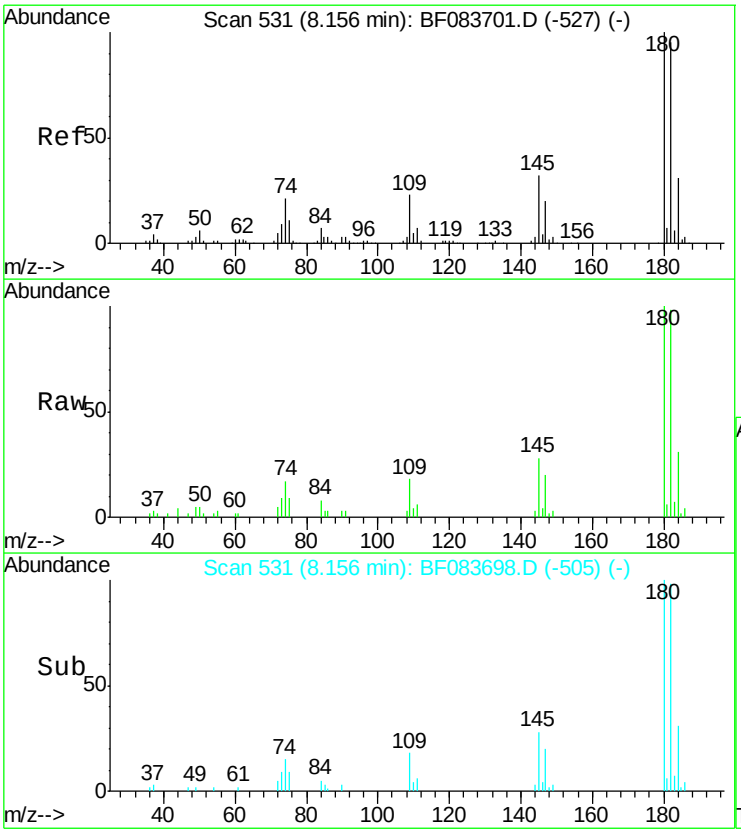
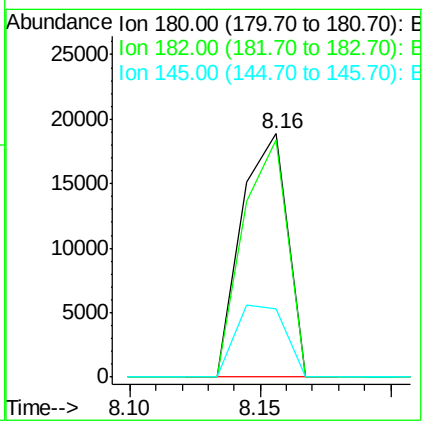
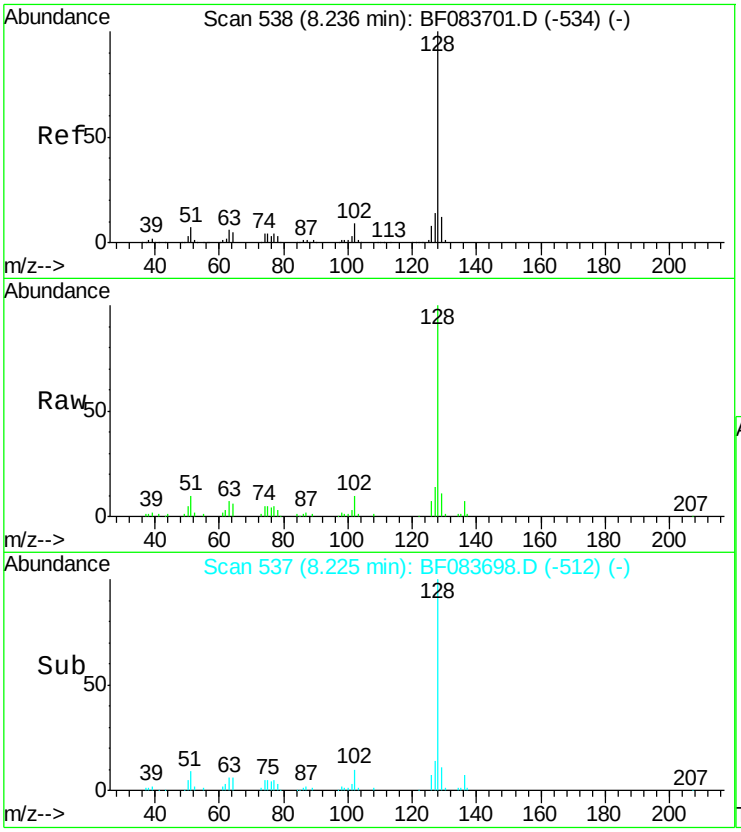


#30
1,2,4-Trichlorobenzene
Concen: 2.32 ng
RT: 8.16 min Scan# 531
Delta R.T. 0.00 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion:180 Resp: 23289

Ion	Ratio	Lower	Upper
180	100		
182	97.5	74.9	112.3
145	27.8	24.7	37.1

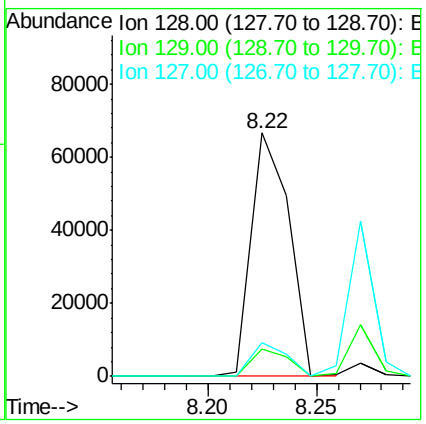




#31
Naphthalene
Concen: 2.51 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.01 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion:128 Resp: 80858

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	13.0
127	14.0	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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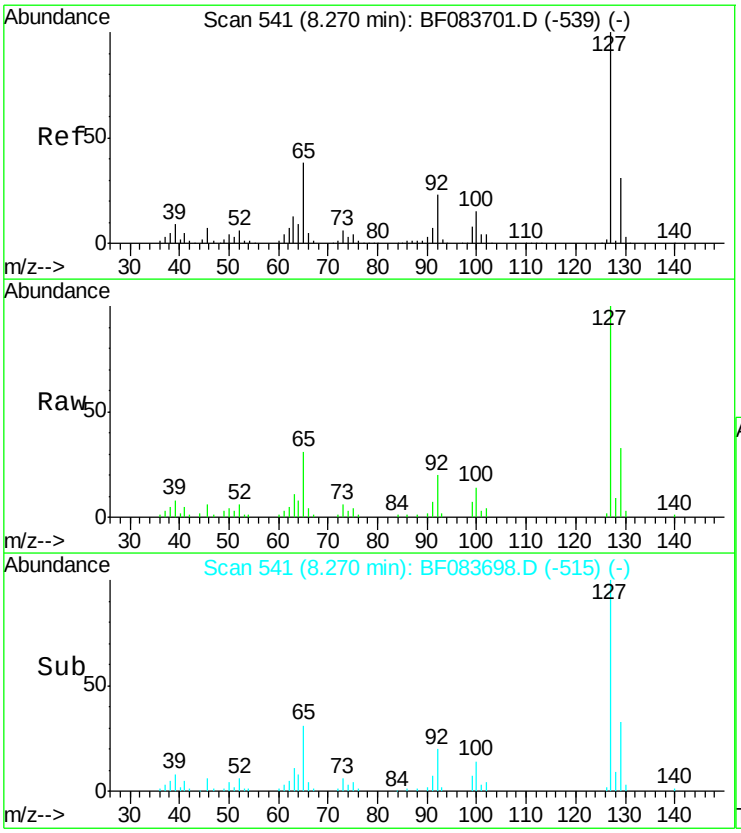
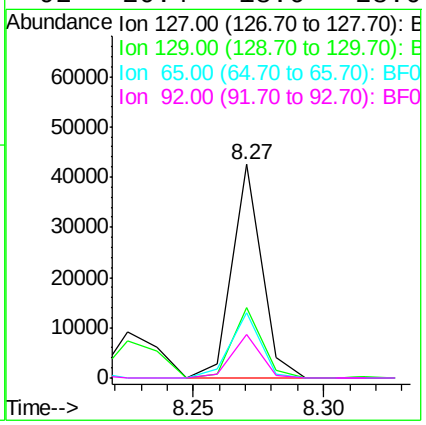
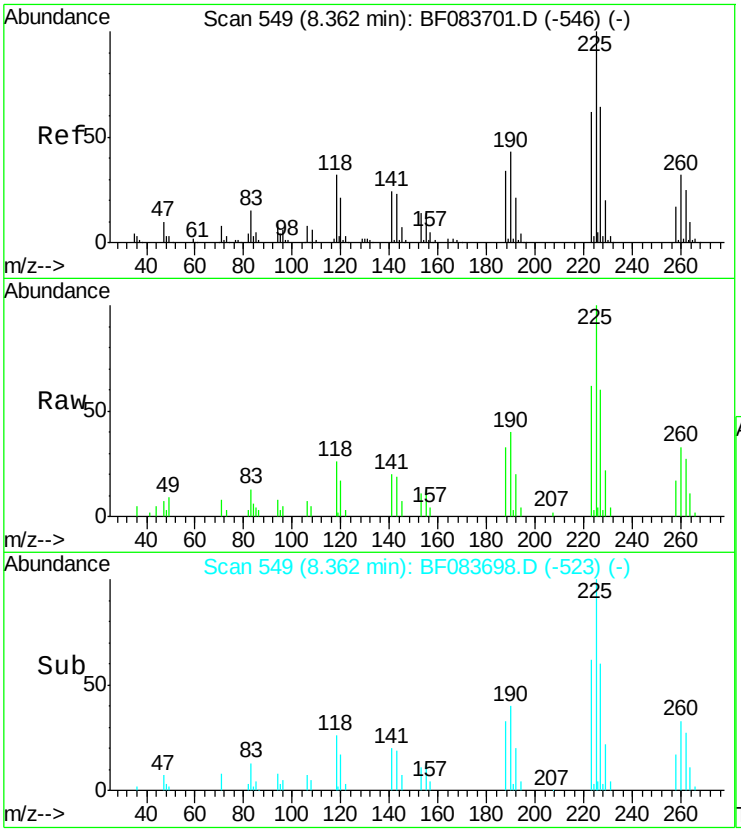


#33
4-Chloroaniline
Concen: 2.89 ng
RT: 8.27 min Scan# 541
Delta R.T. 0.00 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion:127 Resp: 33907

Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.1	39.1
65	30.8	33.5	50.3#
92	20.4	18.6	28.0

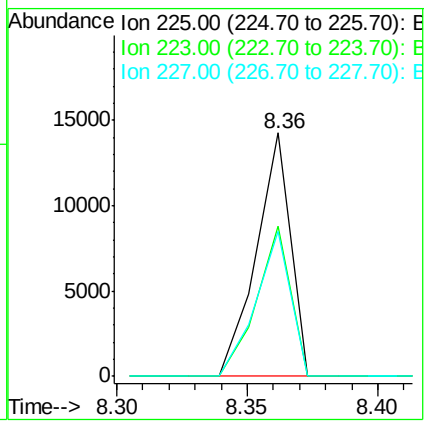




#34
Hexachlorobutadiene
Concen: 2.24 ng
RT: 8.36 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion:225 Resp: 13124

Ion	Ratio	Lower	Upper
225	100		
223	61.9	52.3	78.5
227	59.7	50.4	75.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
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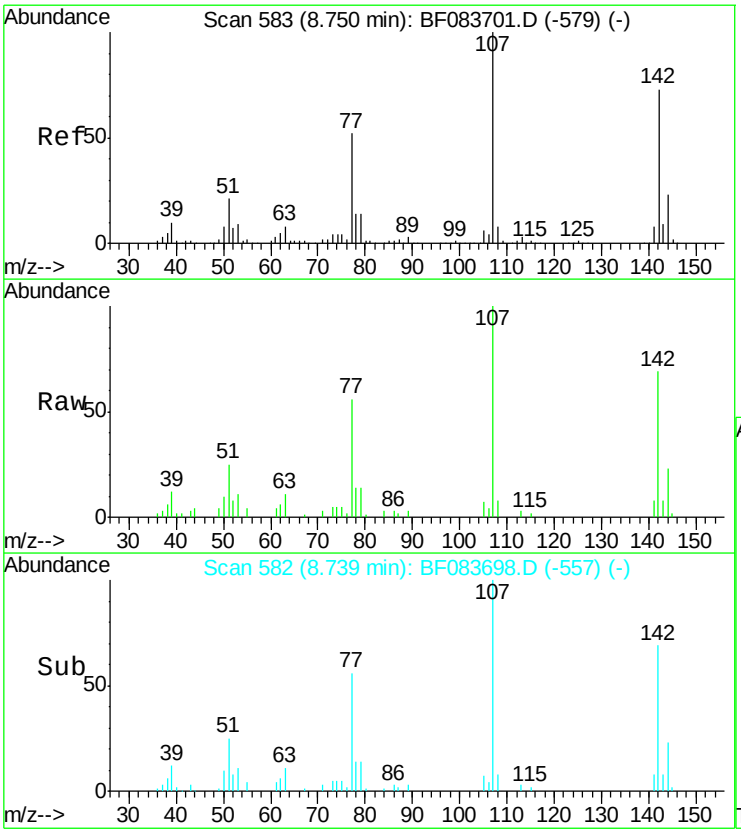
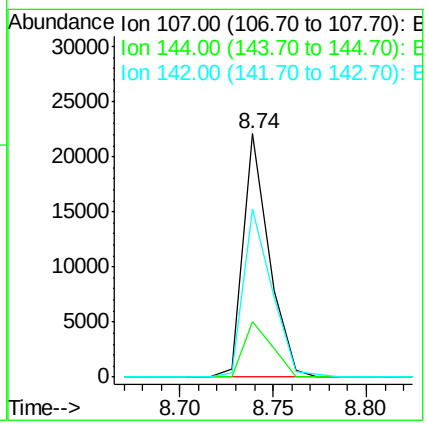
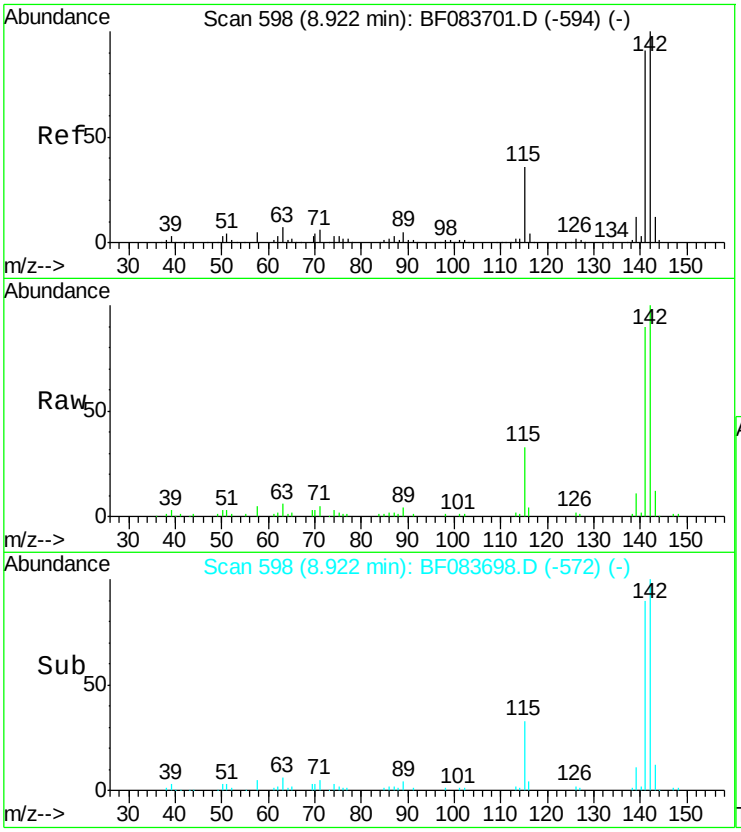


#36
4-Chloro-3-methylphenol
Concen: 2.09 ng
RT: 8.74 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion:107 Resp: 21387

Ion	Ratio	Lower	Upper
107	100		
144	22.8	17.5	26.3
142	69.0	53.6	80.4

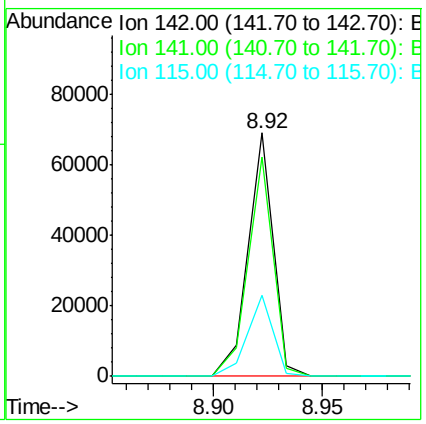




#37
2-Methylnaphthalene
Concen: 2.75 ng
RT: 8.92 min Scan# 598
Delta R.T. 0.00 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion:142 Resp: 55559

Ion	Ratio	Lower	Upper
142	100		
141	90.3	70.3	105.5
115	33.5	29.2	43.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
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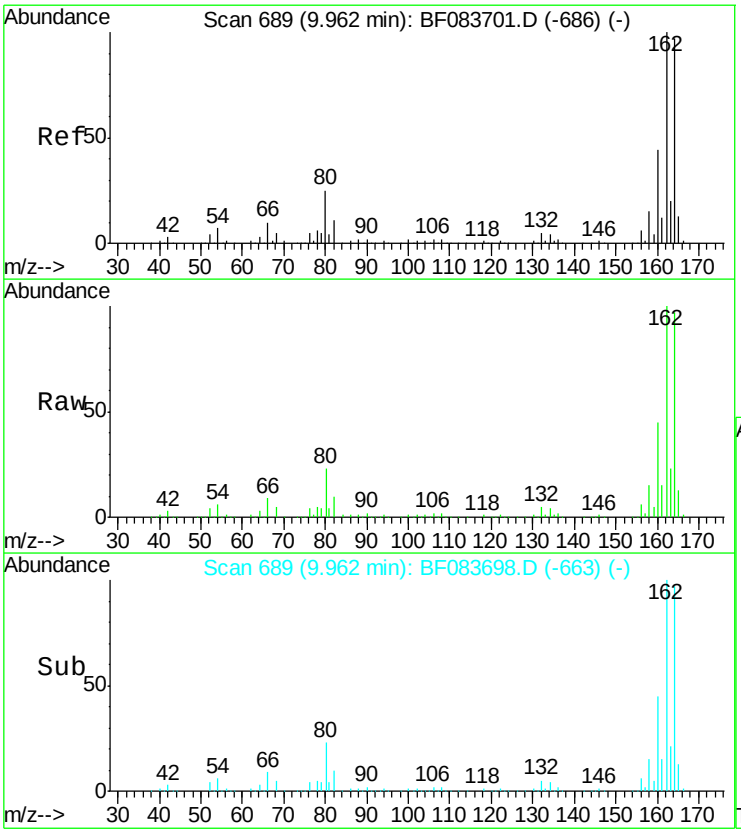
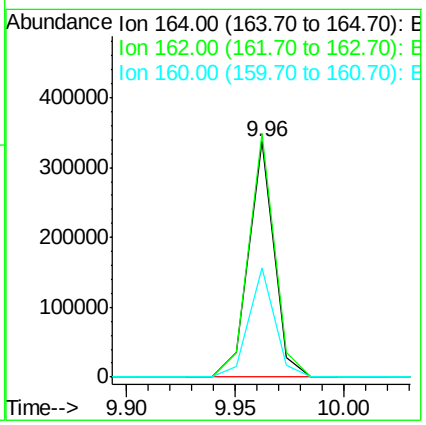
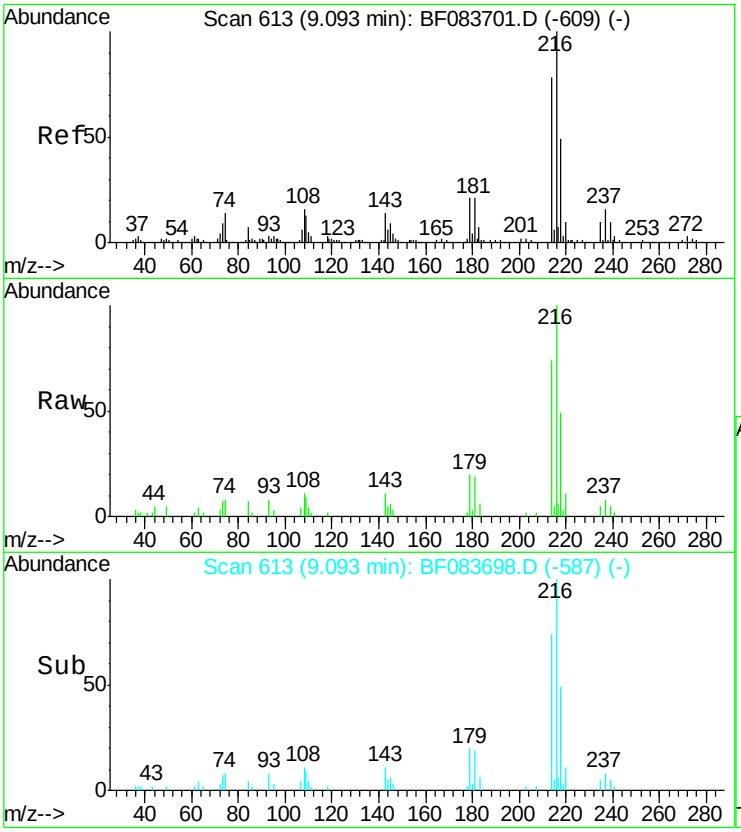


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.96 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion:164 Resp: 274816

Ion	Ratio	Lower	Upper
164	100		
162	103.3	78.8	118.2
160	46.1	33.4	50.2

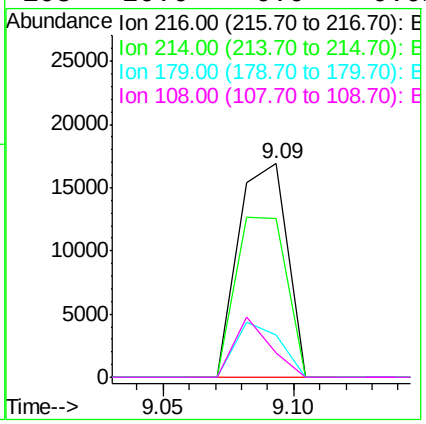




#39
1,2,4,5-Tetrachlorobenzene
Concen: 2.46 ng
RT: 9.09 min Scan# 613
Delta R.T. 0.00 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion:216 Resp: 22173

Ion	Ratio	Lower	Upper
216	100		
214	77.7	0.0	0.0#
179	23.7	0.0	0.0#
108	20.6	0.0	0.0#



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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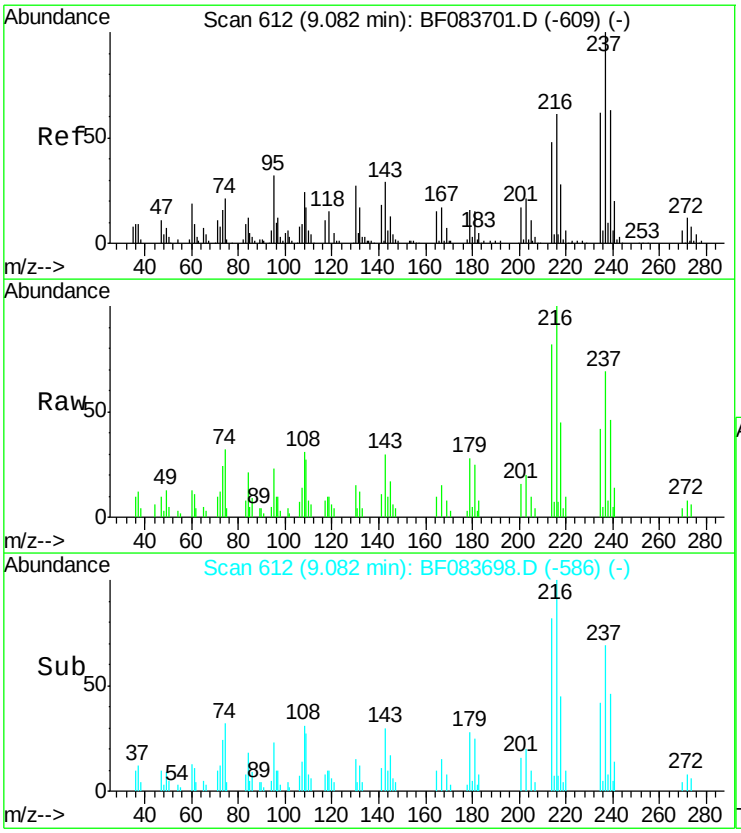
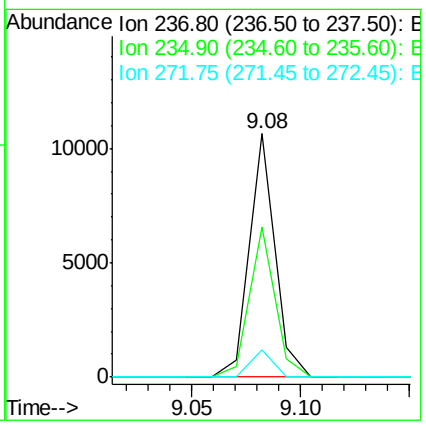
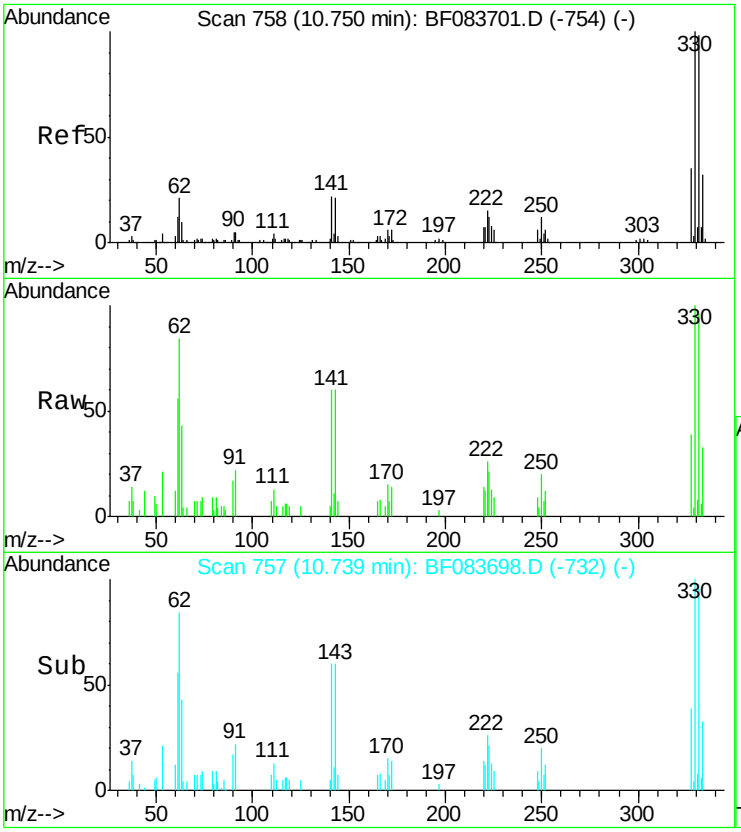


#40
Hexachlorocyclopentadiene
Concen: 7.13 ng
RT: 9.08 min Scan# 612
Delta R.T. 0.00 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion:237 Resp: 8713

Ion	Ratio	Lower	Upper
237	100		
235	61.5	43.9	83.9
272	11.3	0.0	31.8

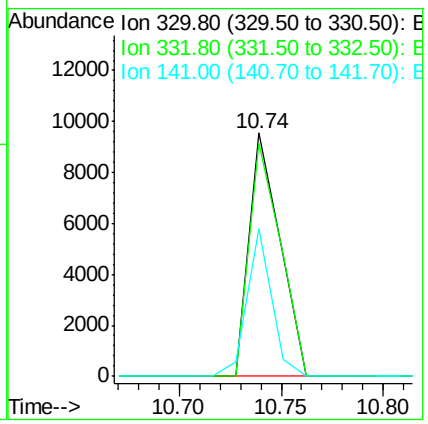




#41
2,4,6-Tribromophenol
Concen: 4.00 ng m
RT: 10.74 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion:330 Resp: 9804

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	0.0	0.0	0.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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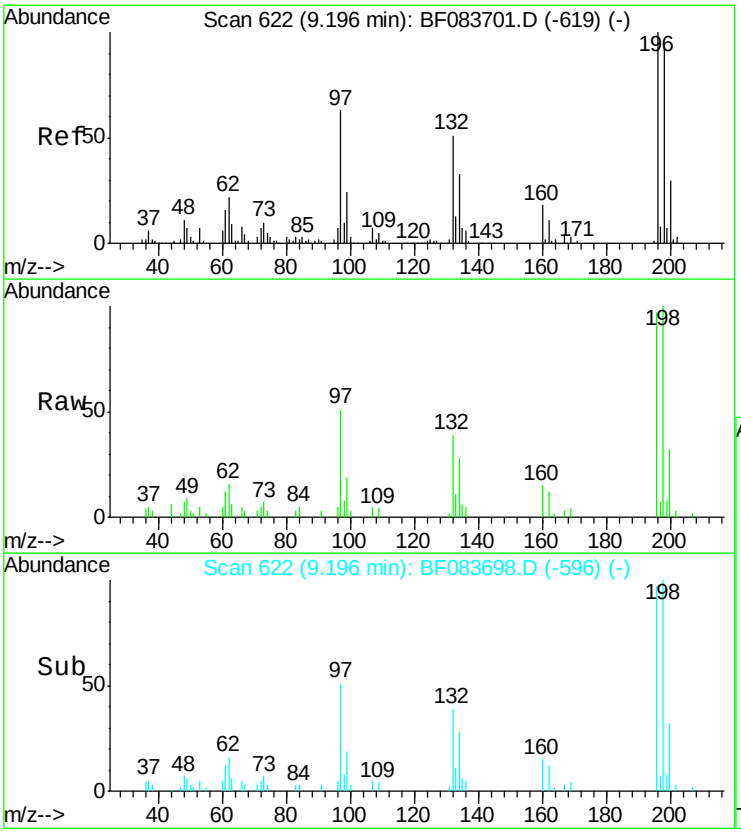
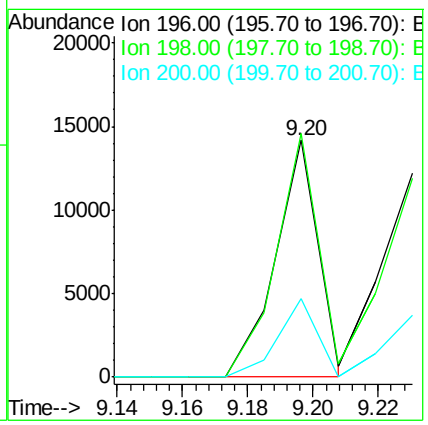
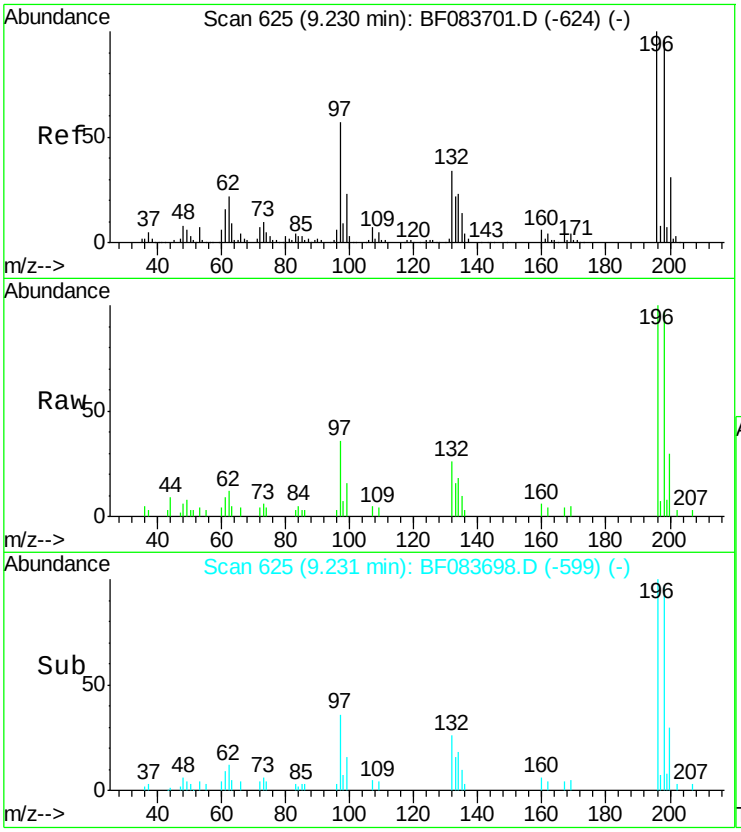


#42
2,4,6-Trichlorophenol
Concen: 2.41 ng
RT: 9.20 min Scan# 622
Delta R.T. 0.00 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion:196 Resp: 12920

Ion	Ratio	Lower	Upper
196	100		
198	102.8	75.2	112.8
200	33.0	23.0	34.6

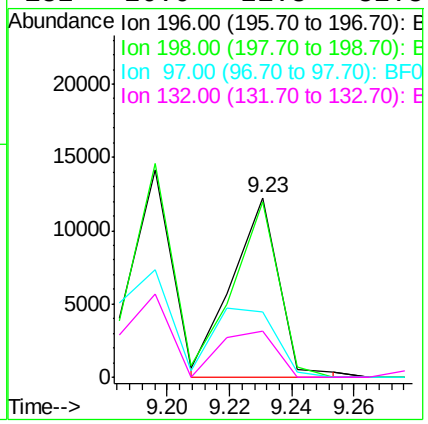




#43
2,4,5-Trichlorophenol
Concen: 2.43 ng m
RT: 9.23 min Scan# 625
Delta R.T. 0.00 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion:196 Resp: 12889

Ion	Ratio	Lower	Upper
196	100		
198	97.4	77.7	116.5
97	36.3	41.2	61.8#
132	26.0	21.8	32.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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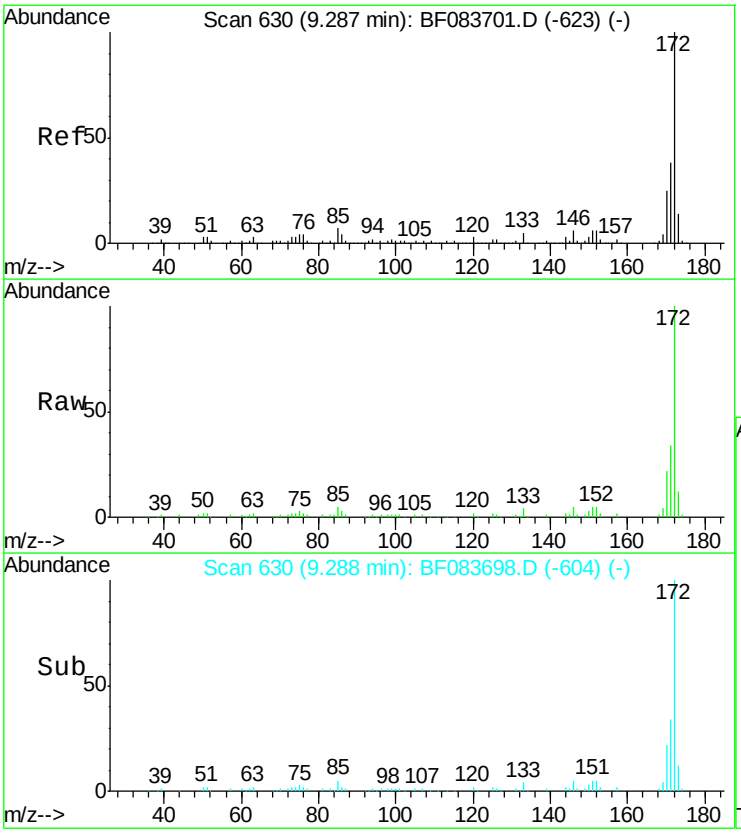
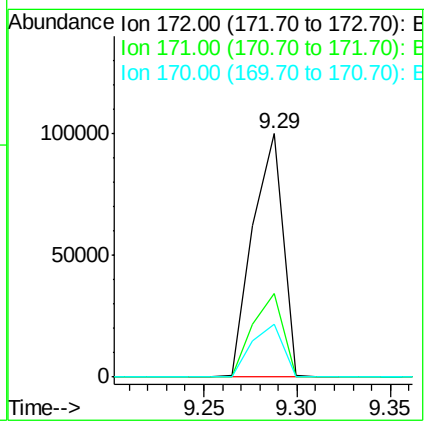
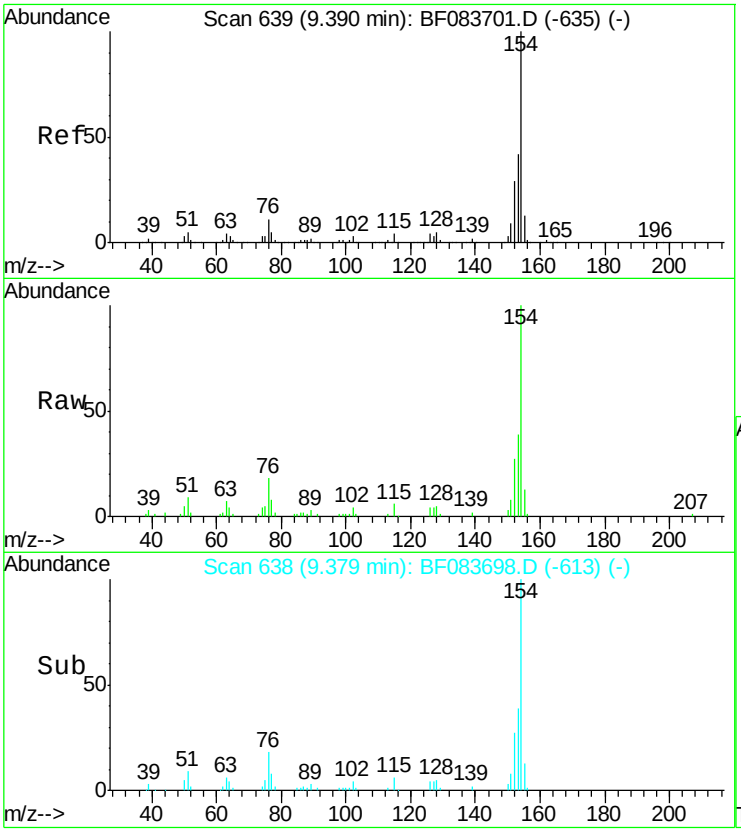


#44
2-Fluorobiphenyl
Concen: 5.74 ng
RT: 9.29 min Scan# 630
Delta R.T. 0.00 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion:172 Resp: 112066

Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.6	42.8
170	21.8	19.4	29.0

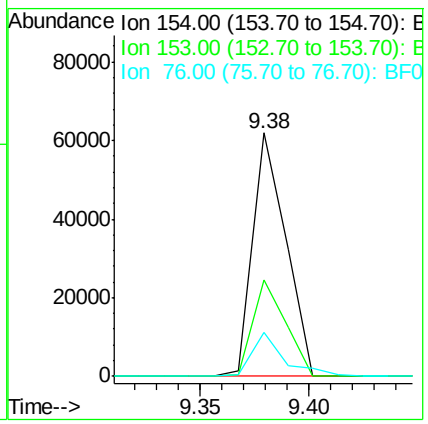




#45
1,1'-Biphenyl
Concen: 2.74 ng
RT: 9.38 min Scan# 638
Delta R.T. -0.01 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion:154 Resp: 65553

Ion	Ratio	Lower	Upper
154	100		
153	39.5	20.2	60.2
76	18.1	0.0	34.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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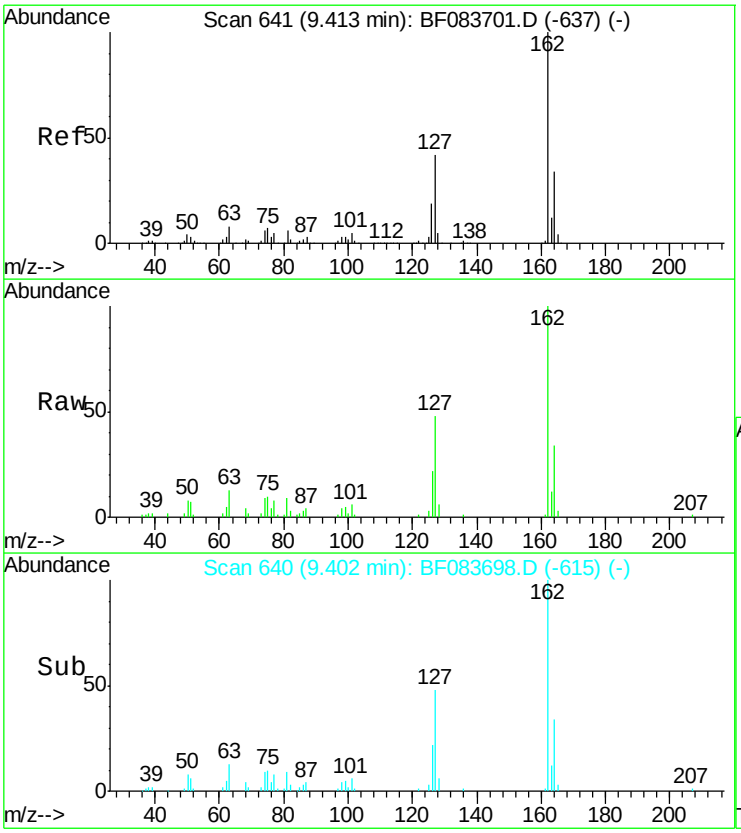
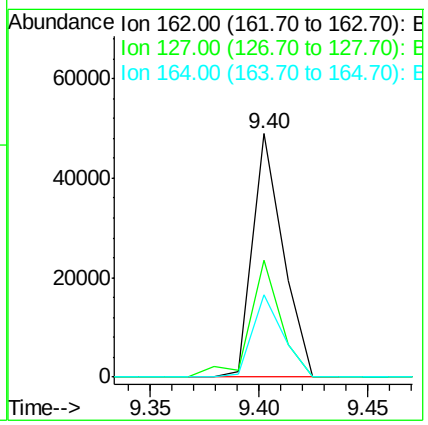
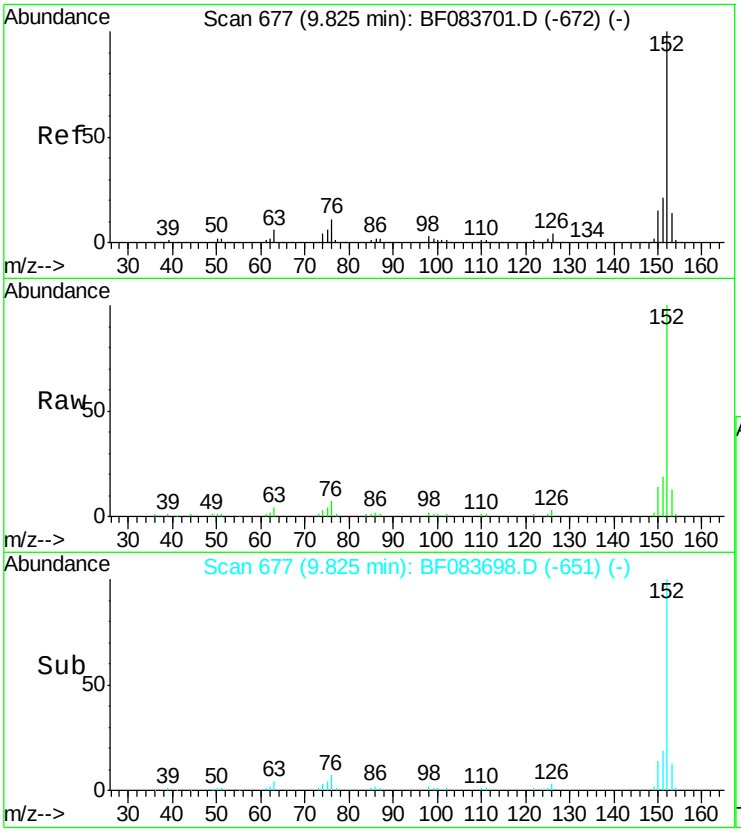


#46
2-Chloronaphthalene
Concen: 2.65 ng
RT: 9.40 min Scan# 640
Delta R.T. -0.01 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion:162 Resp: 47740

Ion	Ratio	Lower	Upper
162	100		
127	47.9	31.0	46.4#
164	33.6	27.4	41.0

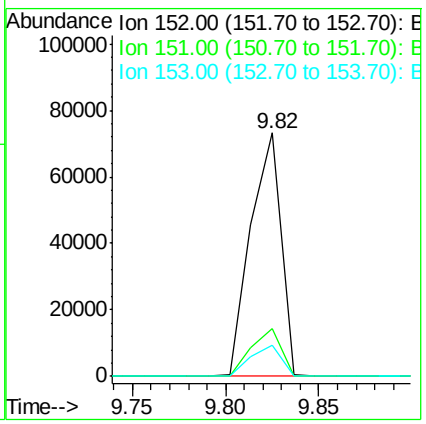




#48
Acenaphthylene
Concen: 2.76 ng
RT: 9.82 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion:152 Resp: 82144

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.3	24.5
153	12.7	10.8	16.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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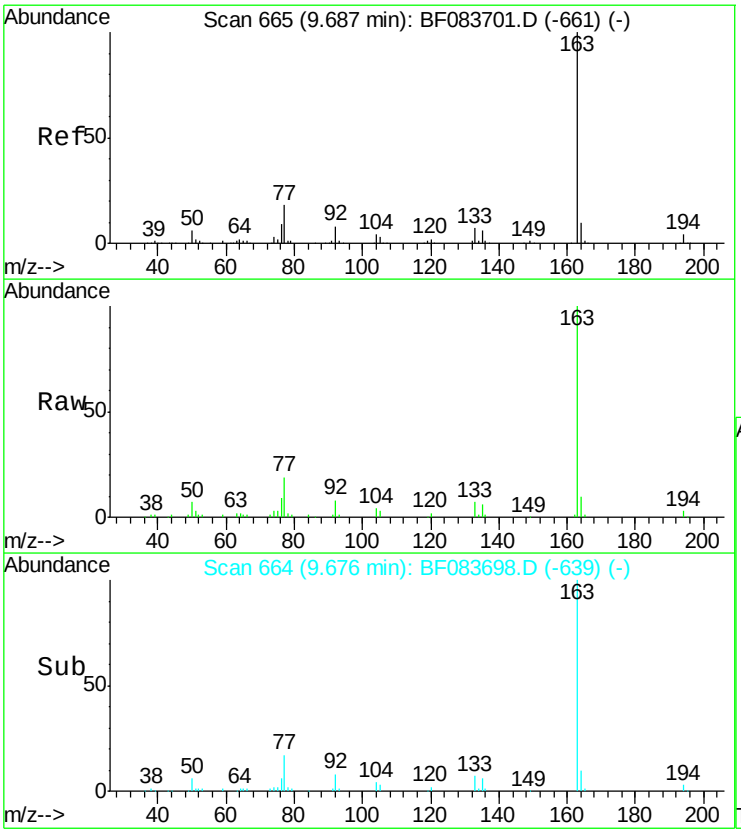
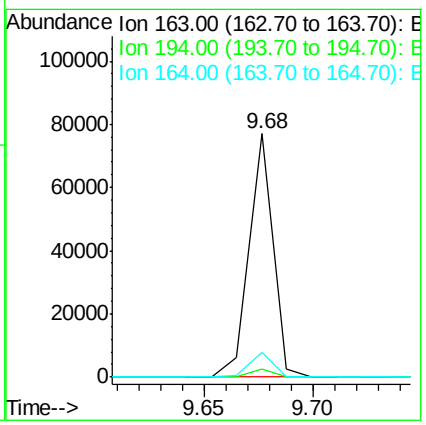
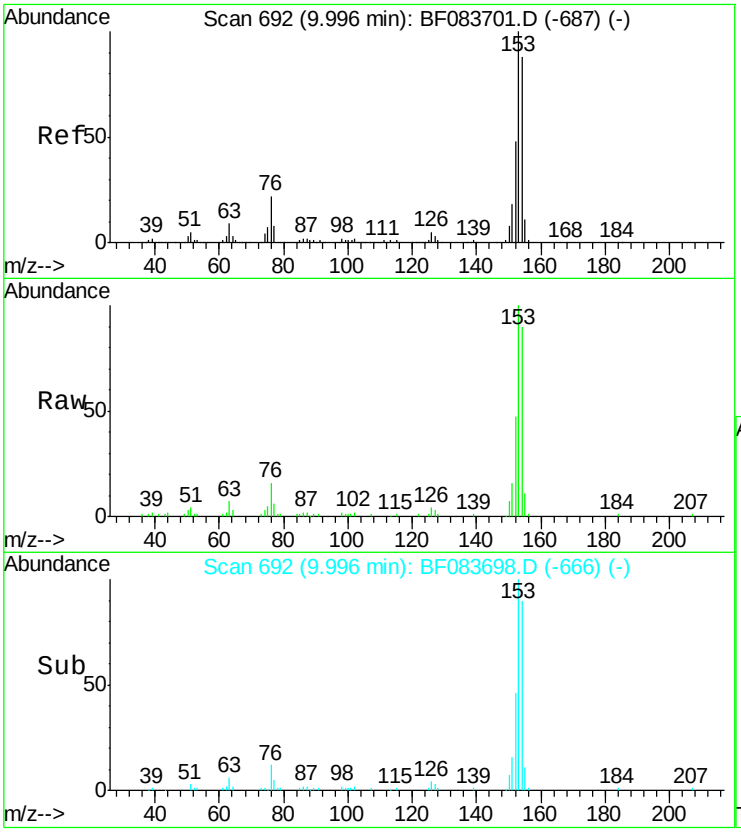


#49
Dimethylphthalate
Concen: 2.69 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.01 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion:163 Resp: 58917

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.8	4.2
164	10.2	8.6	13.0

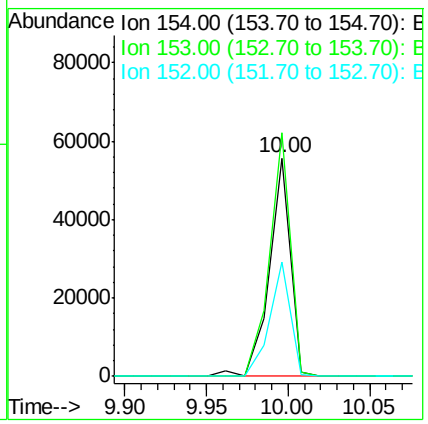




#51
Acenaphthene
Concen: 2.94 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion:154 Resp: 50013

Ion	Ratio	Lower	Upper
154	100		
153	111.6	91.4	137.0
152	52.5	43.4	65.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
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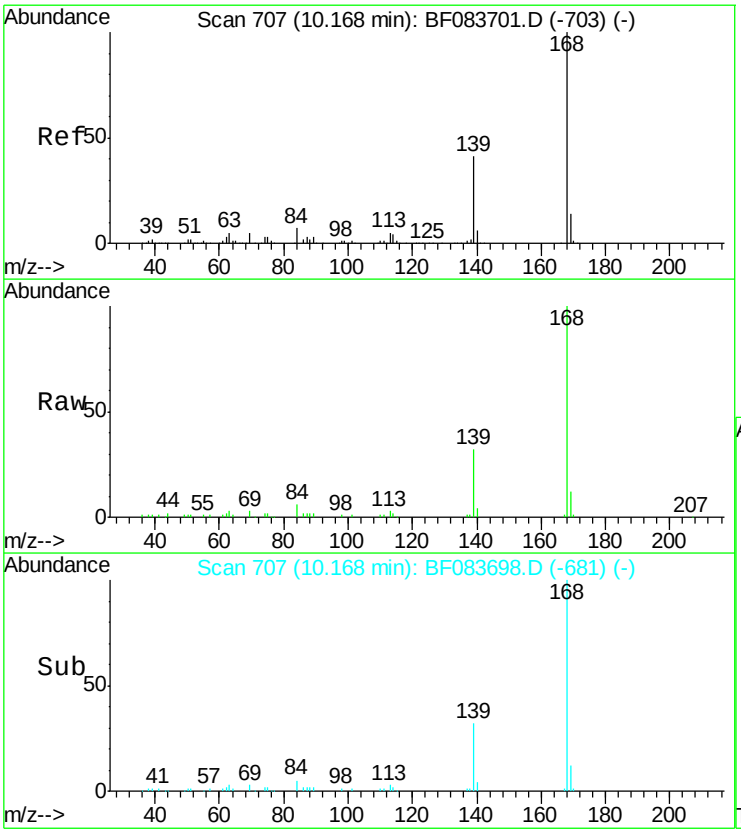
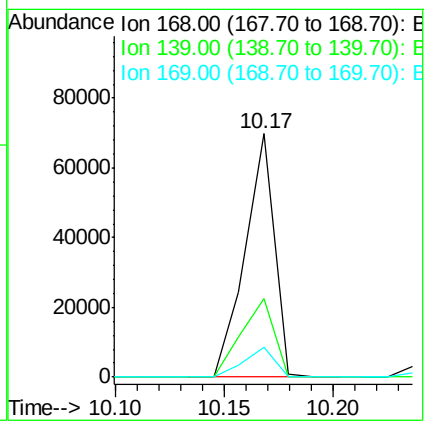
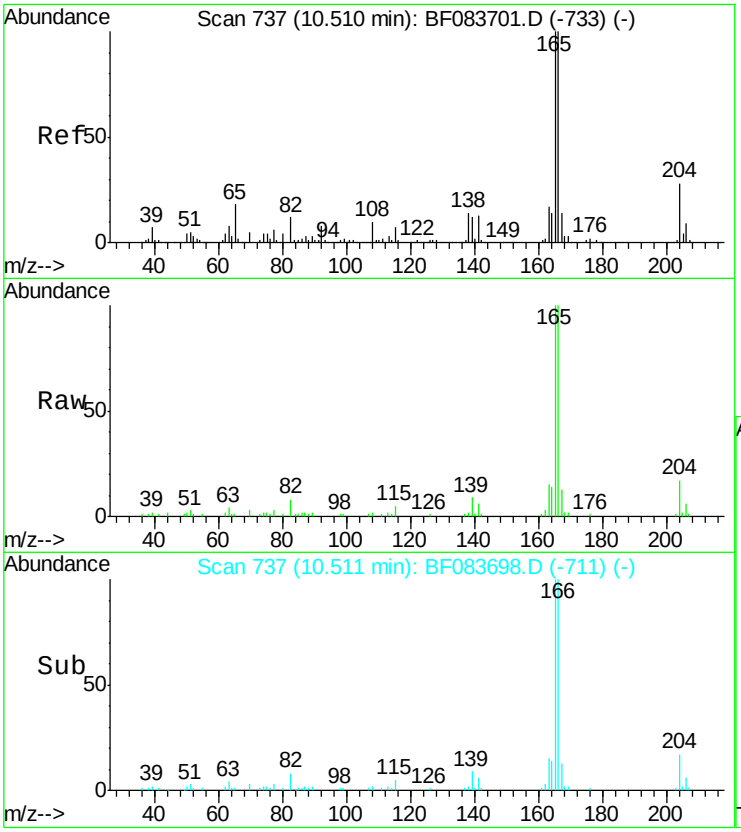


#54
Dibenzofuran
Concen: 2.76 ng
RT: 10.17 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion:168 Resp: 65219

Ion	Ratio	Lower	Upper
168	100		
139	32.3	28.0	42.0
169	12.4	10.8	16.2

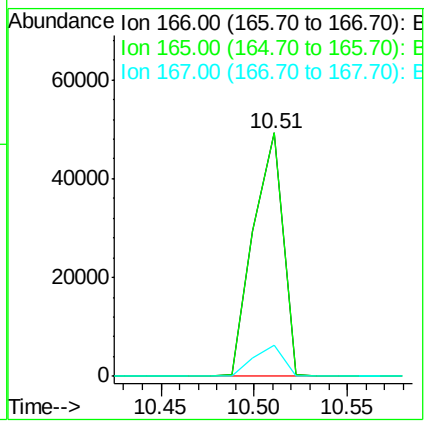




#57
Fluorene
Concen: 2.64 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion:166 Resp: 54351

Ion	Ratio	Lower	Upper
166	100		
165	100.1	80.0	120.0
167	12.7	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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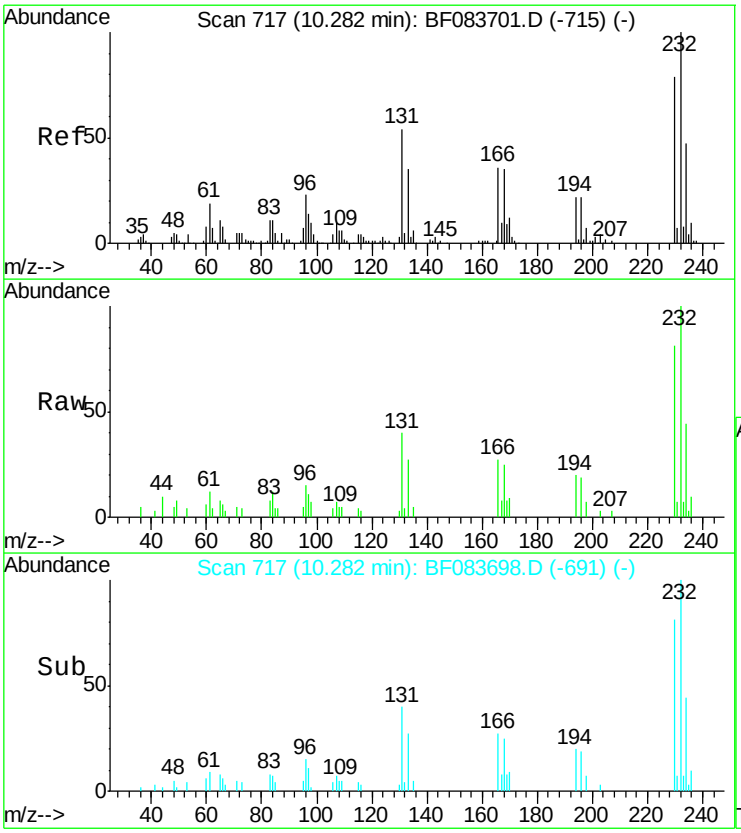
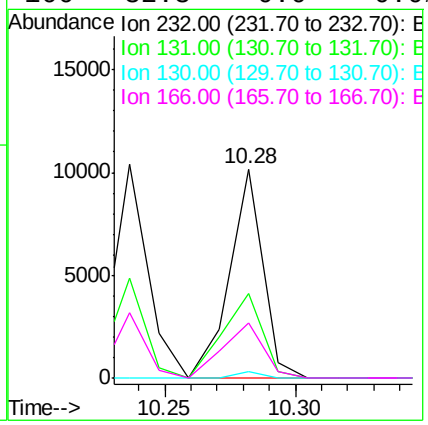
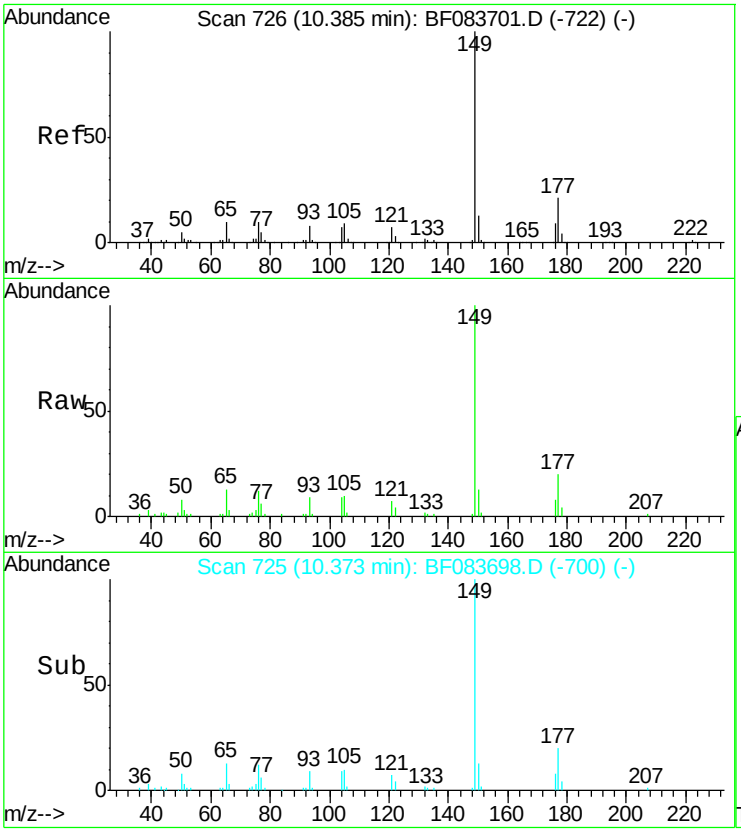


#58
2,3,4,6-Tetrachlorophenol
Concen: 2.31 ng
RT: 10.28 min Scan# 717
Delta R.T. 0.00 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion:232 Resp: 9107

Ion	Ratio	Lower	Upper
232	100		
131	48.6	0.0	0.0#
130	2.3	0.0	0.0#
166	32.3	0.0	0.0#

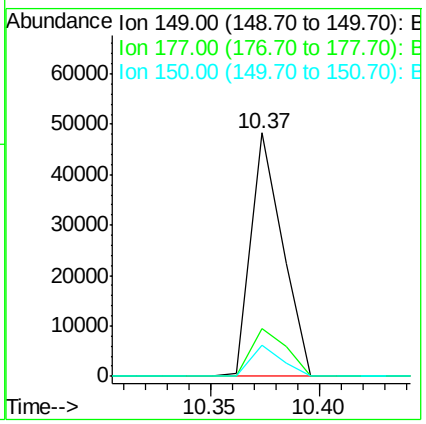




#59
Diethylphthalate
Concen: 2.30 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion:149 Resp: 48990

Ion	Ratio	Lower	Upper
149	100		
177	19.7	16.9	25.3
150	12.5	10.2	15.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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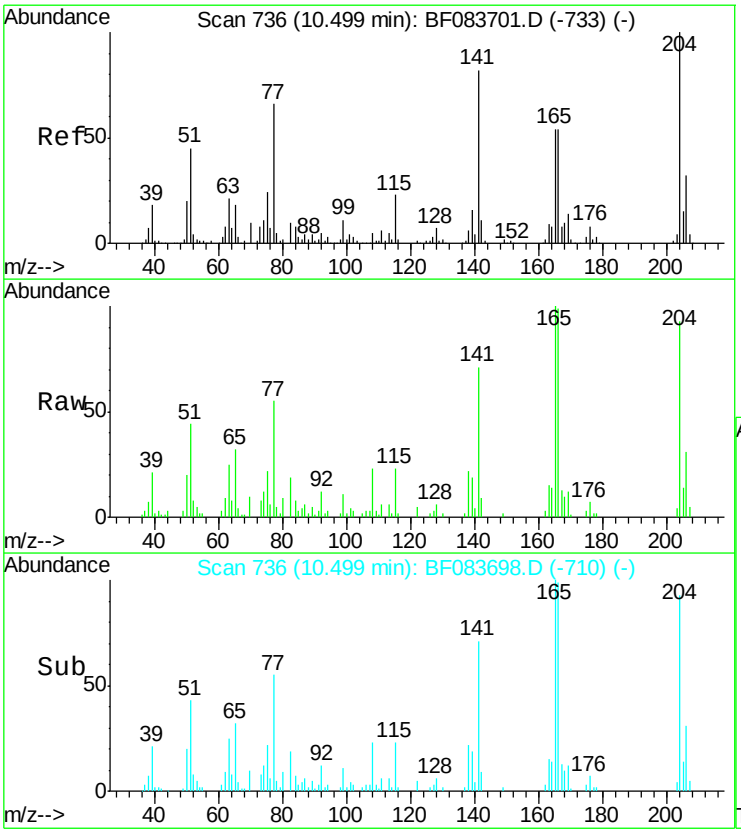
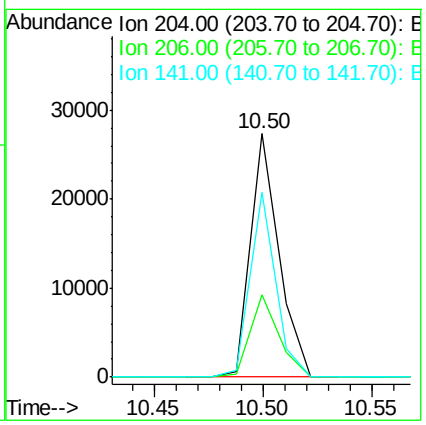
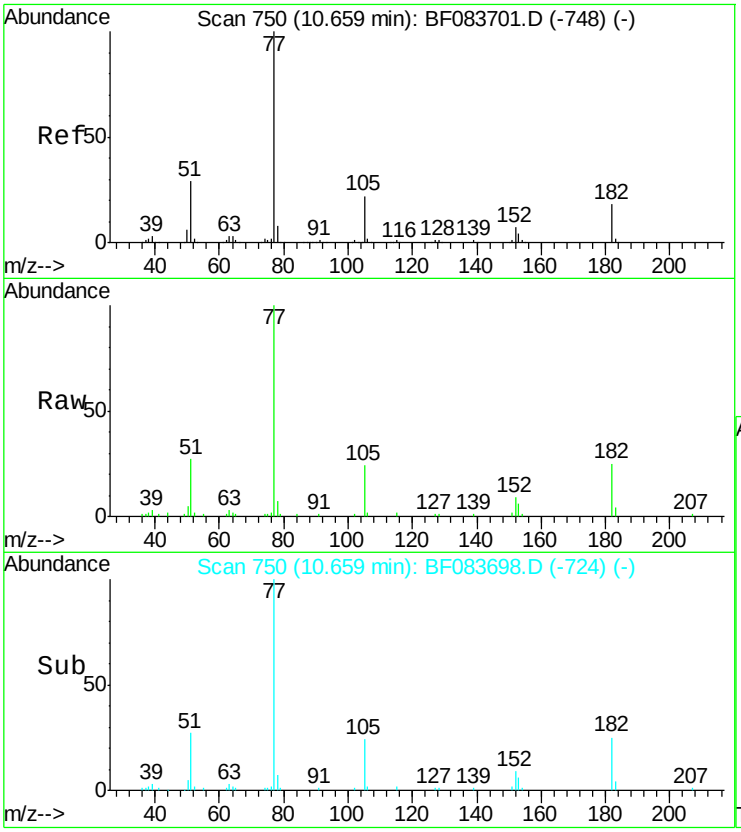


#60
4-Chlorophenyl-phenylether
Concen: 2.53 ng
RT: 10.50 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion:204 Resp: 24800

Ion	Ratio	Lower	Upper
204	100		
206	33.8	27.3	40.9
141	76.1	51.9	77.9

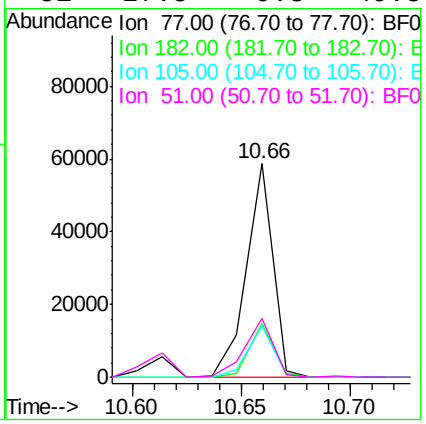




#62
Azobenzene
Concen: 2.13 ng
RT: 10.66 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion: 77 Resp: 49743

Ion	Ratio	Lower	Upper
77	100		
182	25.0	2.5	42.5
105	24.1	2.1	42.1
51	27.5	9.3	49.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
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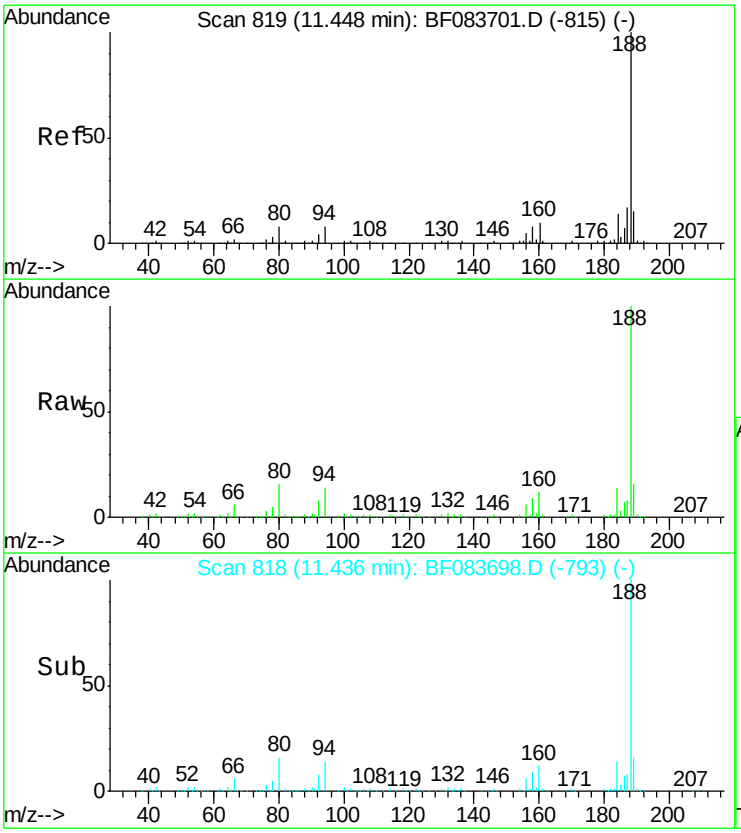
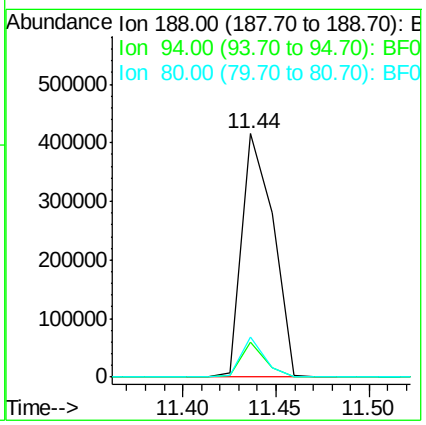
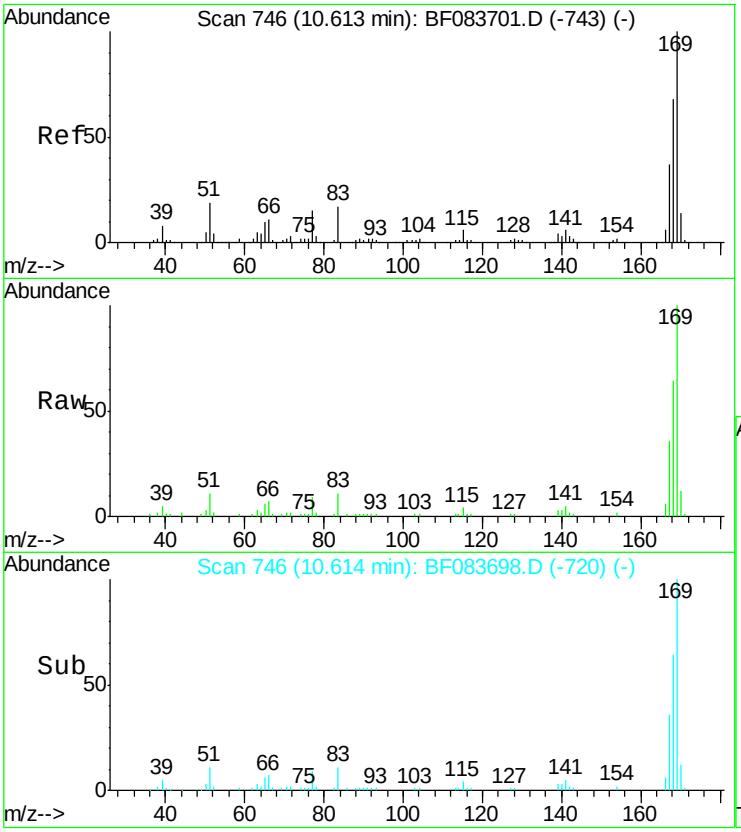


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion:188 Resp: 483428

Ion	Ratio	Lower	Upper
188	100		
94	14.3	9.4	14.2#
80	16.4	10.6	16.0#

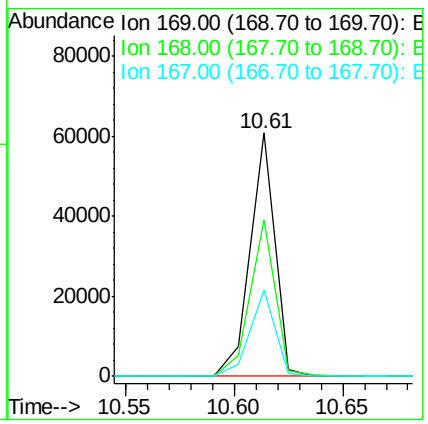




#65
n-Nitrosodiphenylamine
Concen: 3.01 ng
RT: 10.61 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion:169 Resp: 48016

Ion	Ratio	Lower	Upper
169	100		
168	64.5	53.0	79.6
167	35.5	29.3	43.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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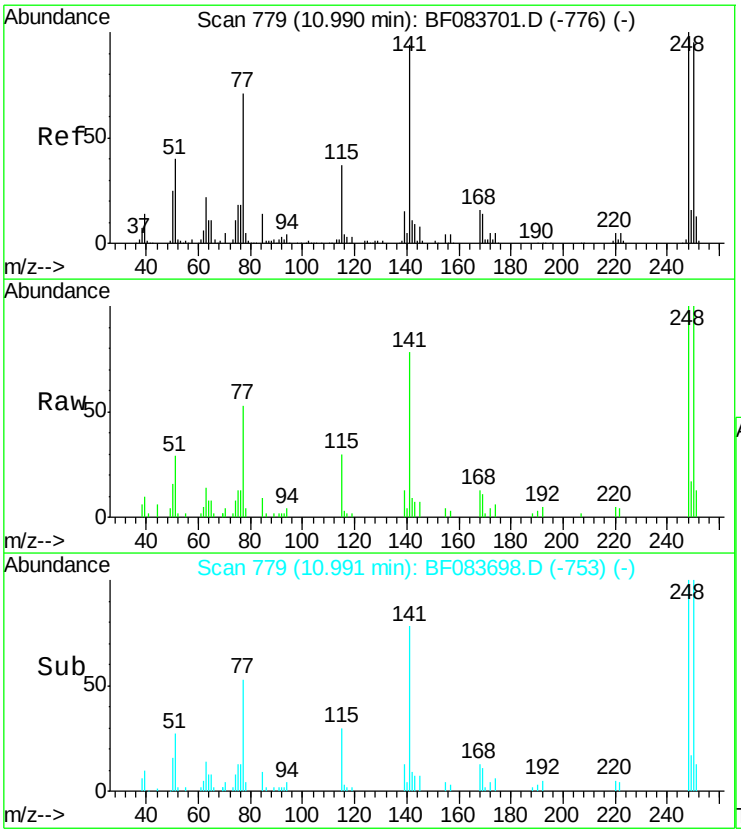
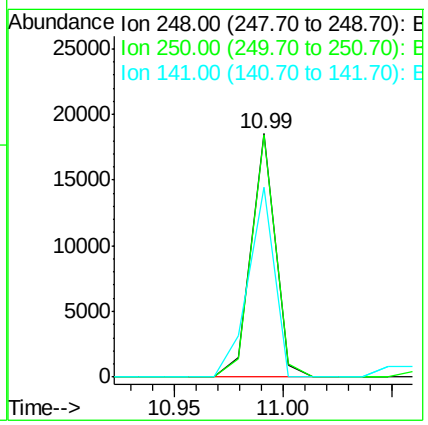
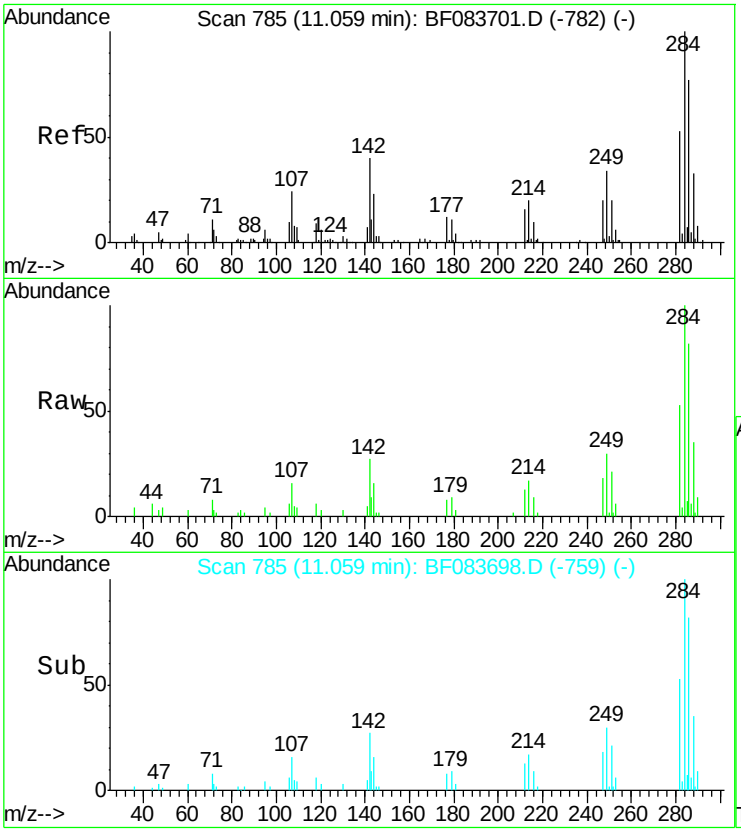


#66
4-Bromophenyl-phenylether
Concen: 2.66 ng
RT: 10.99 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion:248 Resp: 14359

Ion	Ratio	Lower	Upper
248	100		
250	99.7	79.2	118.8
141	78.2	58.2	87.4

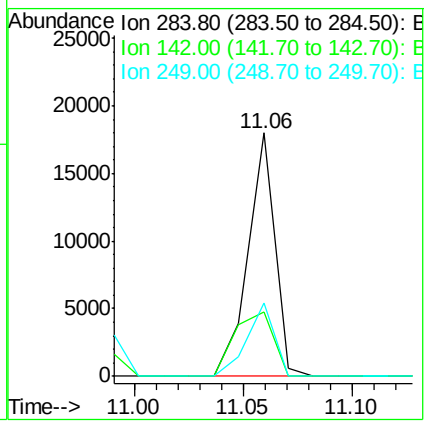




#67
Hexachlorobenzene
Concen: 2.69 ng
RT: 11.06 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion:284 Resp: 15405

Ion	Ratio	Lower	Upper
284	100		
142	26.5	31.0	46.4#
249	30.0	26.9	40.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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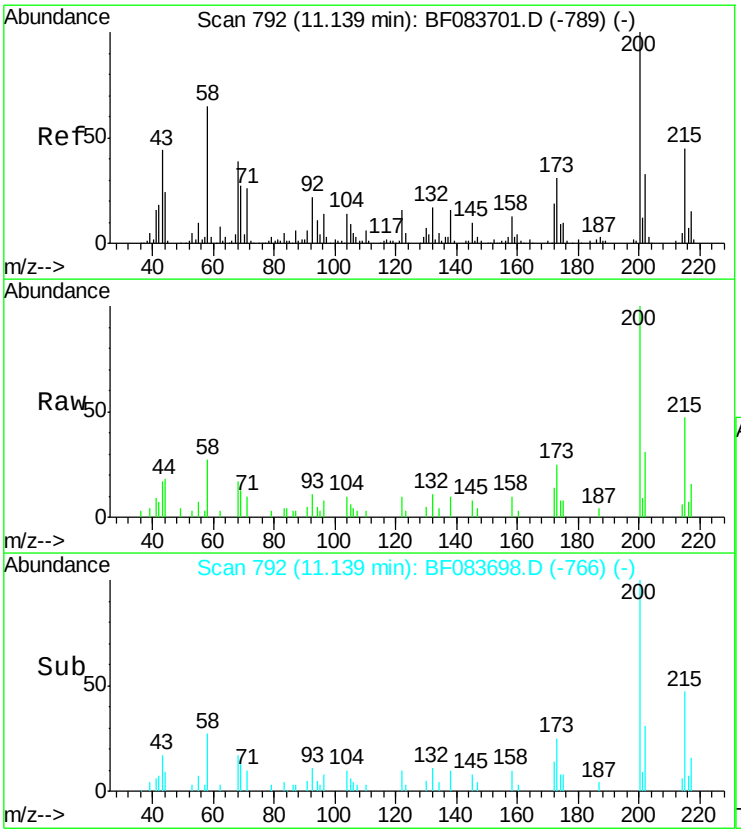
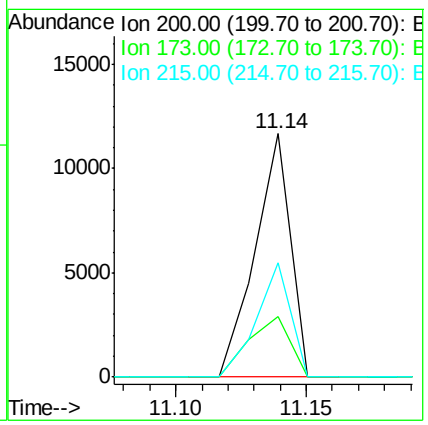
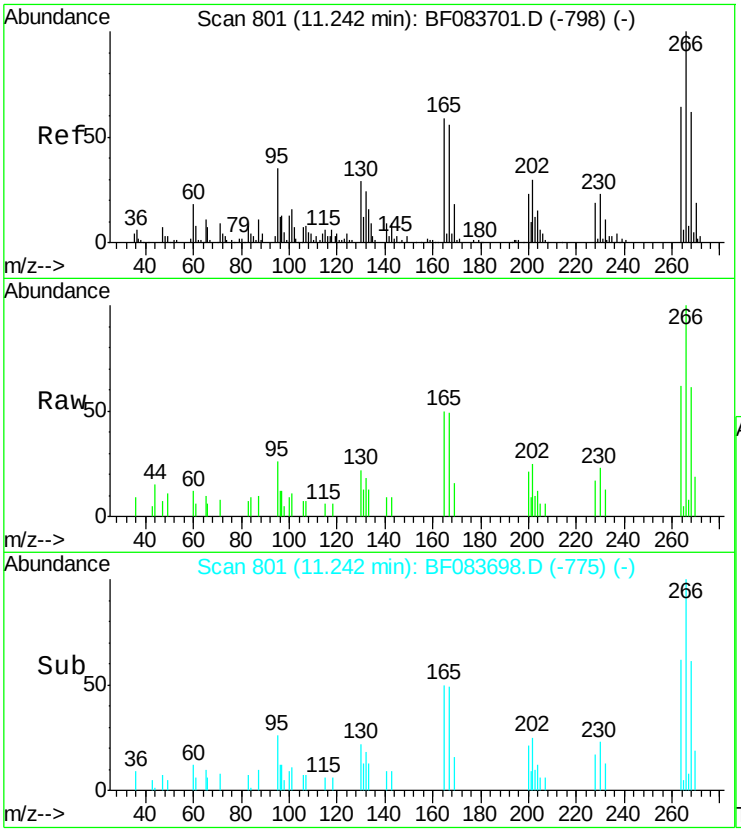


#68
Atrazine
Concen: 2.34 ng
RT: 11.14 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion:200 Resp: 11086

Ion	Ratio	Lower	Upper
200	100		
173	24.8	7.8	47.8
215	47.0	25.7	65.7

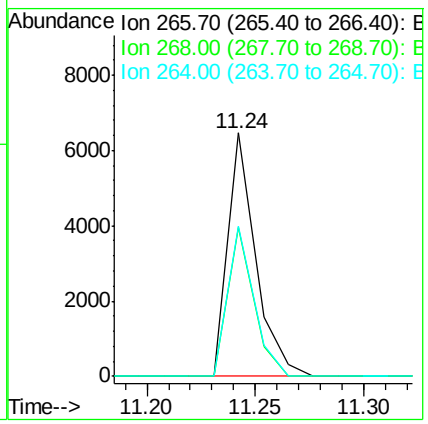




#69
Pentachlorophenol
Concen: 4.57 ng
RT: 11.24 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion:266 Resp: 5728

Ion	Ratio	Lower	Upper
266	100		
268	61.2	50.2	75.2
264	61.6	51.4	77.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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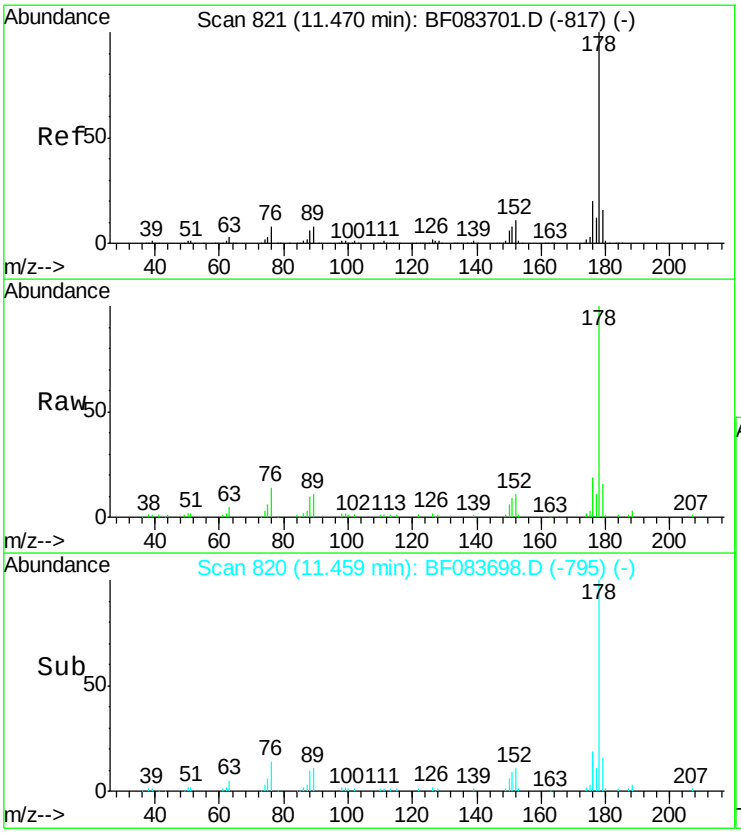
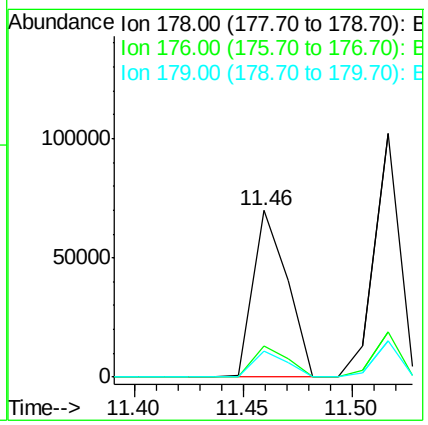
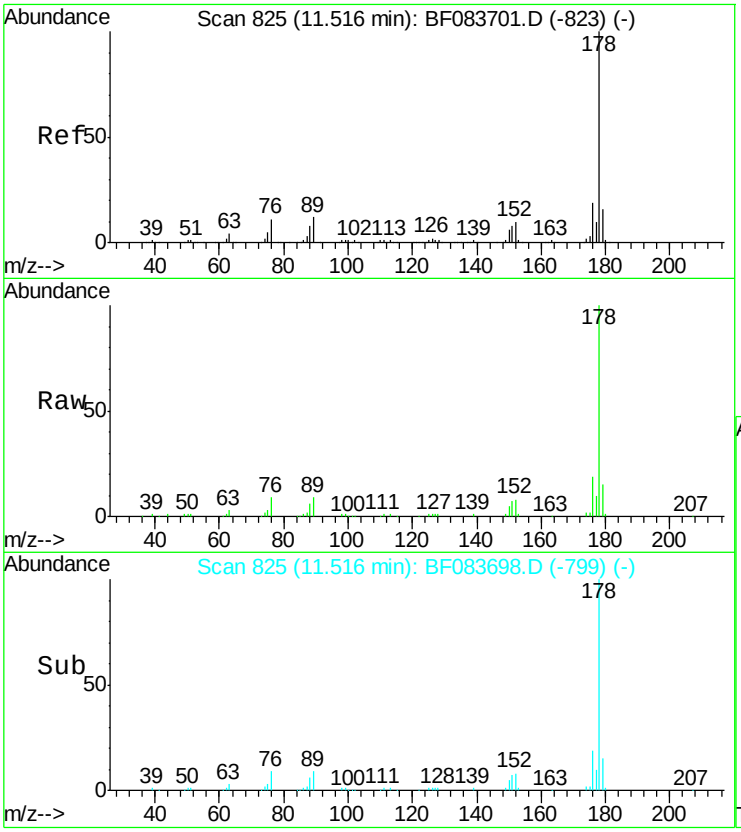


#70
Phenanthrene
Concen: 2.76 ng
RT: 11.46 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion:178 Resp: 76534

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.7	23.5
179	15.9	12.2	18.4

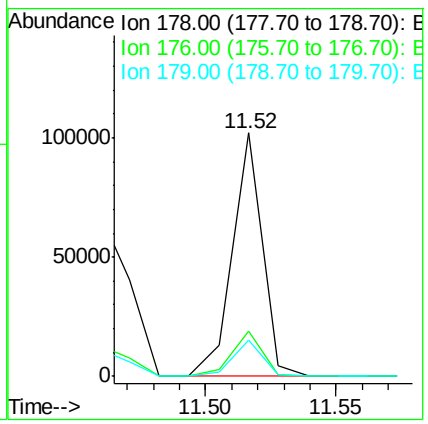




#71
Anthracene
Concen: 2.85 ng
RT: 11.52 min Scan# 825
Delta R.T. 0.00 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion:178 Resp: 81931

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.2	22.8
179	15.0	12.6	18.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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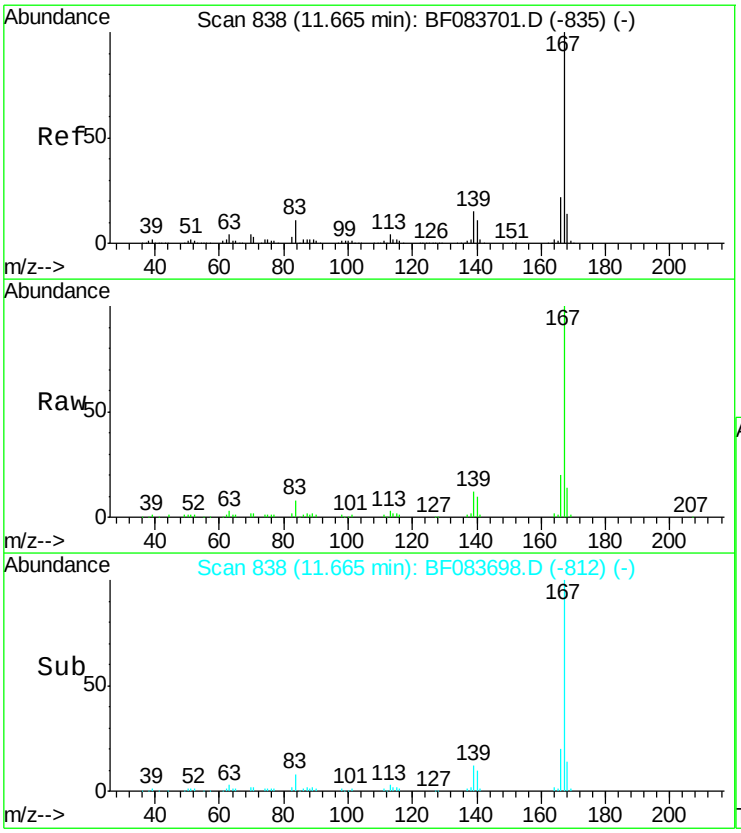
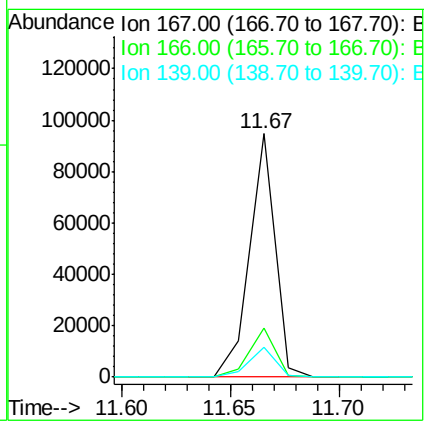
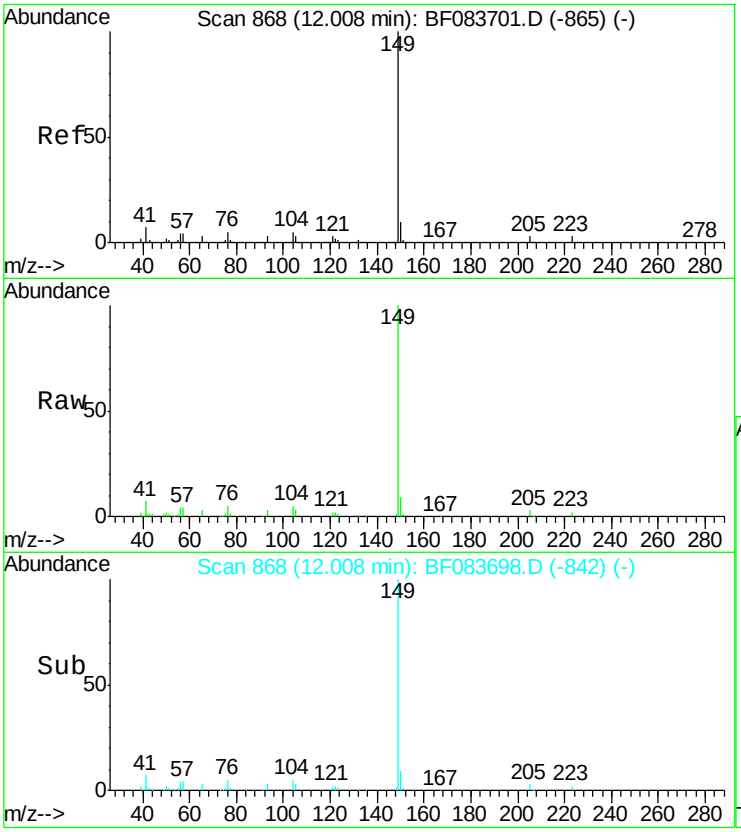


#72
Carbazole
Concen: 3.13 ng
RT: 11.67 min Scan# 838
Delta R.T. 0.00 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion:167 Resp: 77248

Ion	Ratio	Lower	Upper
167	100		
166	20.4	17.2	25.8
139	12.3	9.3	13.9

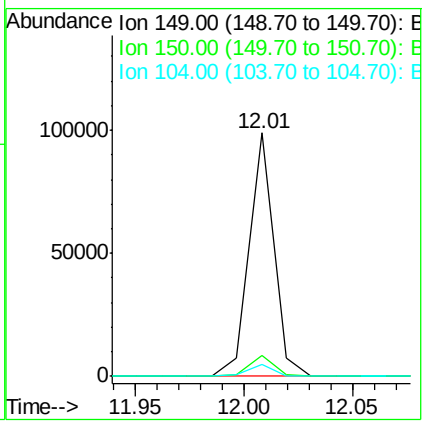




#73
Di-n-butylphthalate
Concen: 2.52 ng
RT: 12.01 min Scan# 868
Delta R.T. 0.00 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion:149 Resp: 78192

Ion	Ratio	Lower	Upper
149	100		
150	8.7	7.8	11.6
104	4.7	3.9	5.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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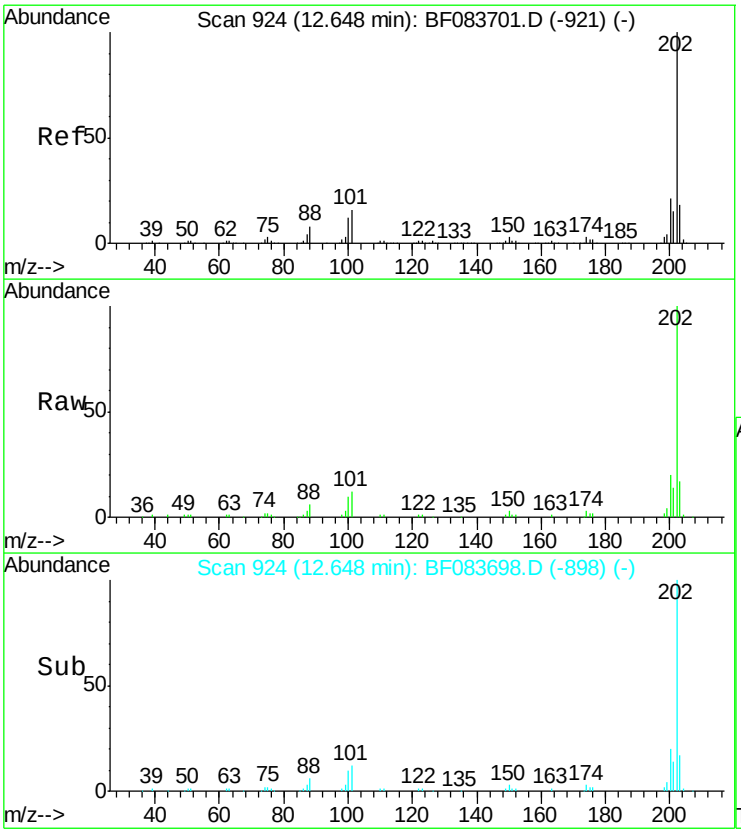
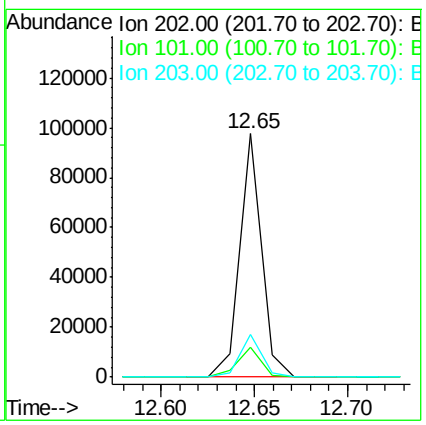
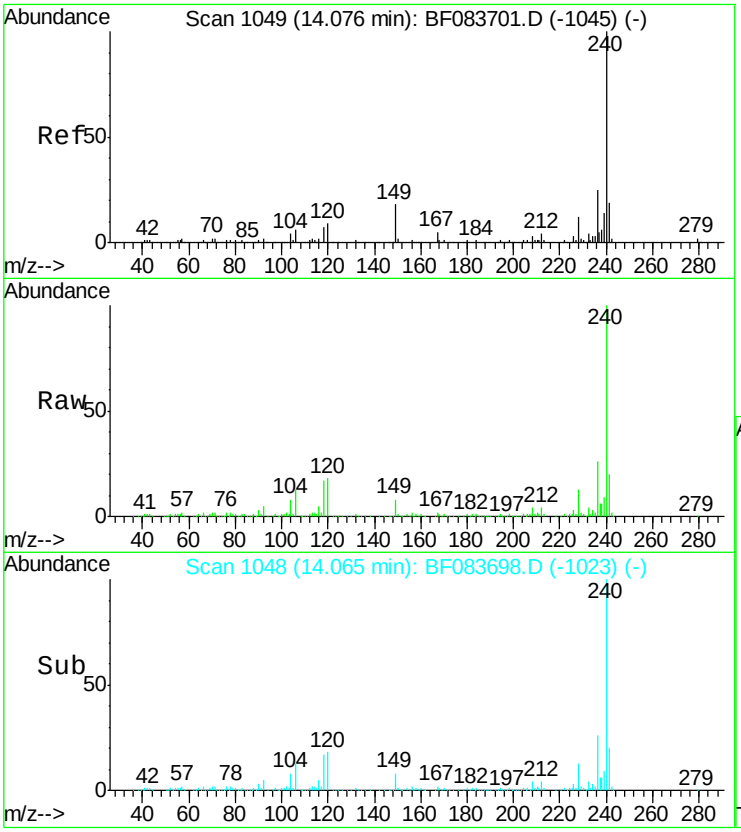


#74
Fluoranthene
Concen: 2.80 ng
RT: 12.65 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion:202 Resp: 79549

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	31.5
203	17.4	0.0	37.6





#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion:240 Resp: 411896

Ion	Ratio	Lower	Upper
240	100		
120	18.5	8.1	12.1#
236	25.8	20.8	31.2

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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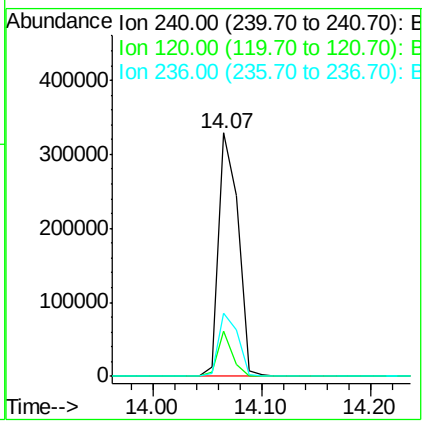
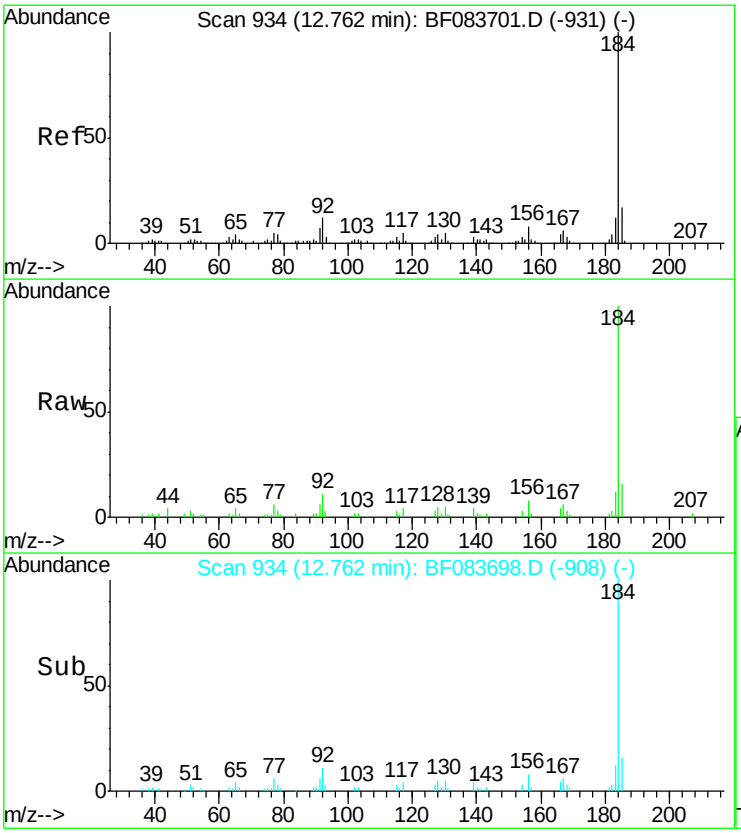
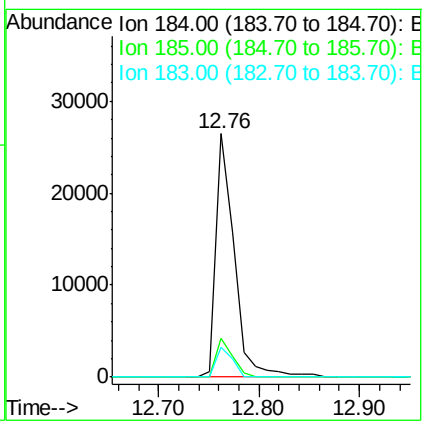


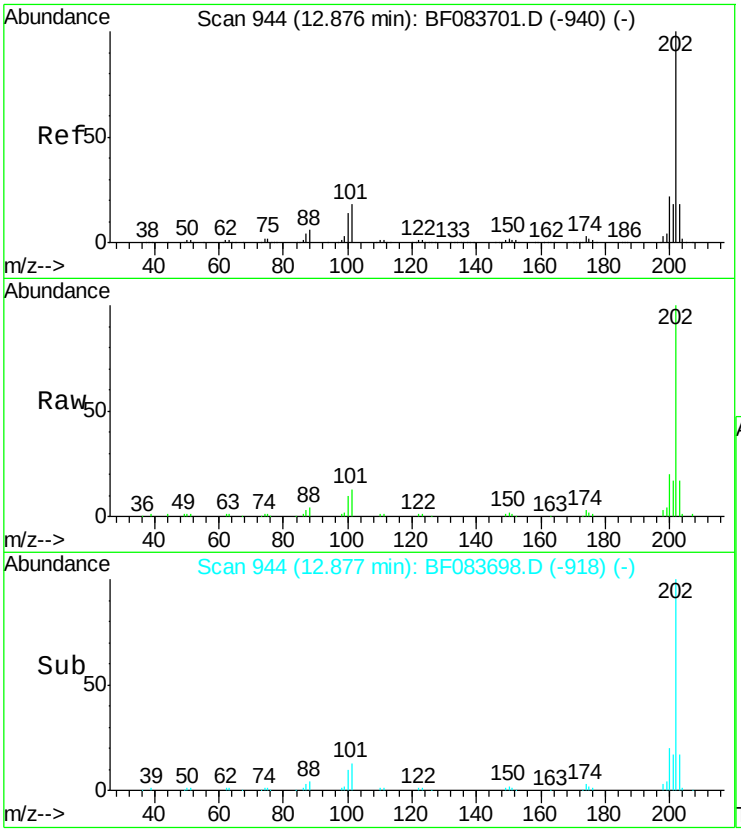


#76
Benzidine
Concen: 2.63 ng
RT: 12.76 min Scan# 934
Delta R.T. 0.00 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion:184 Resp: 33720

Ion	Ratio	Lower	Upper
184	100		
185	15.9	13.0	19.6
183	12.4	9.0	13.4

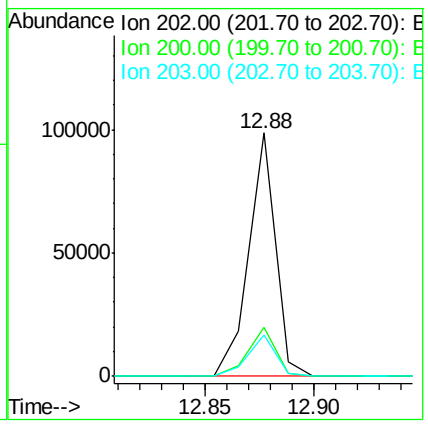




#77
Pyrene
Concen: 2.84 ng
RT: 12.88 min Scan# 944
Delta R.T. 0.00 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion:202 Resp: 84295

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.7	25.1
203	17.1	14.3	21.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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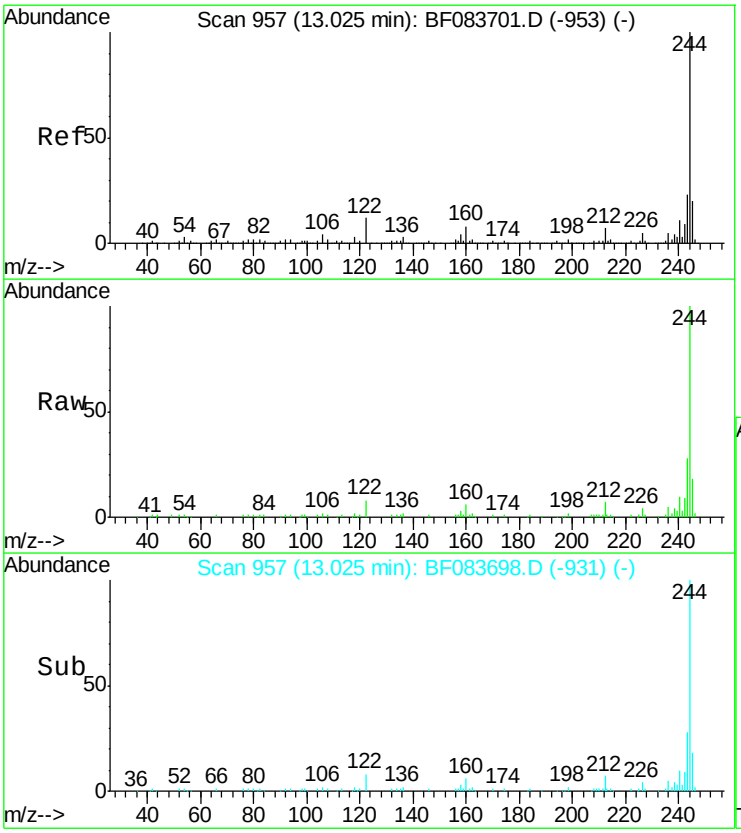
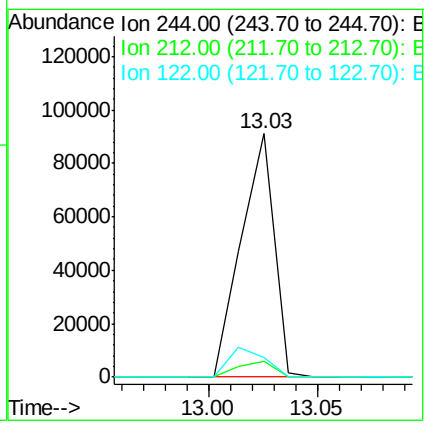
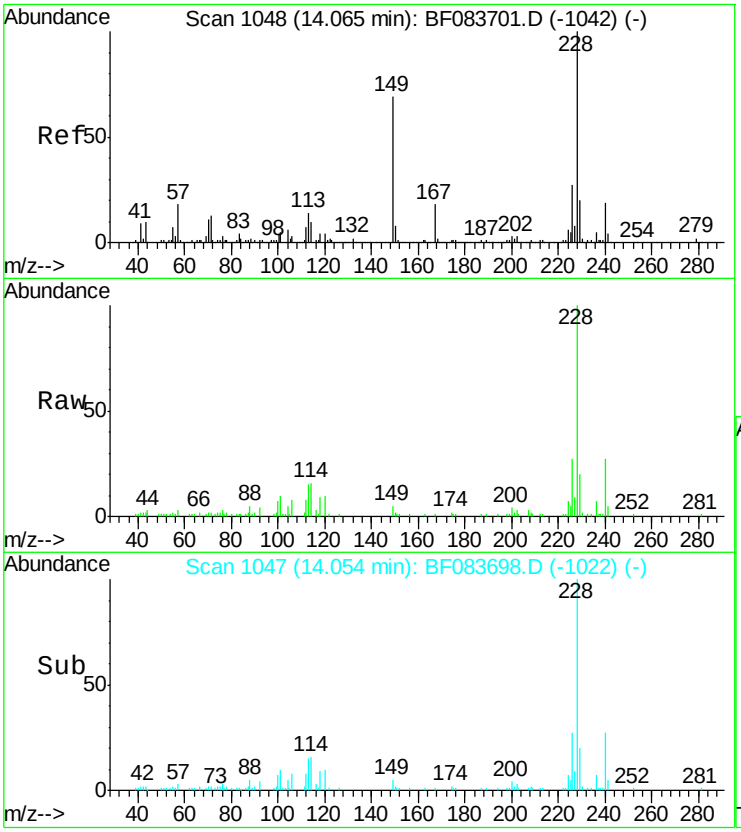


#78
Terphenyl-d14
Concen: 5.48 ng
RT: 13.03 min Scan# 957
Delta R.T. 0.00 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion:244 Resp: 95911

Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.1	9.1
122	7.9	11.0	16.6#

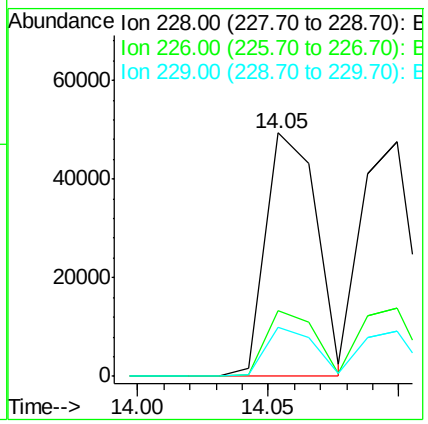




#80
Benzo(a)anthracene
Concen: 2.75 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion:228 Resp: 66237

Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.3	33.5
229	20.2	15.7	23.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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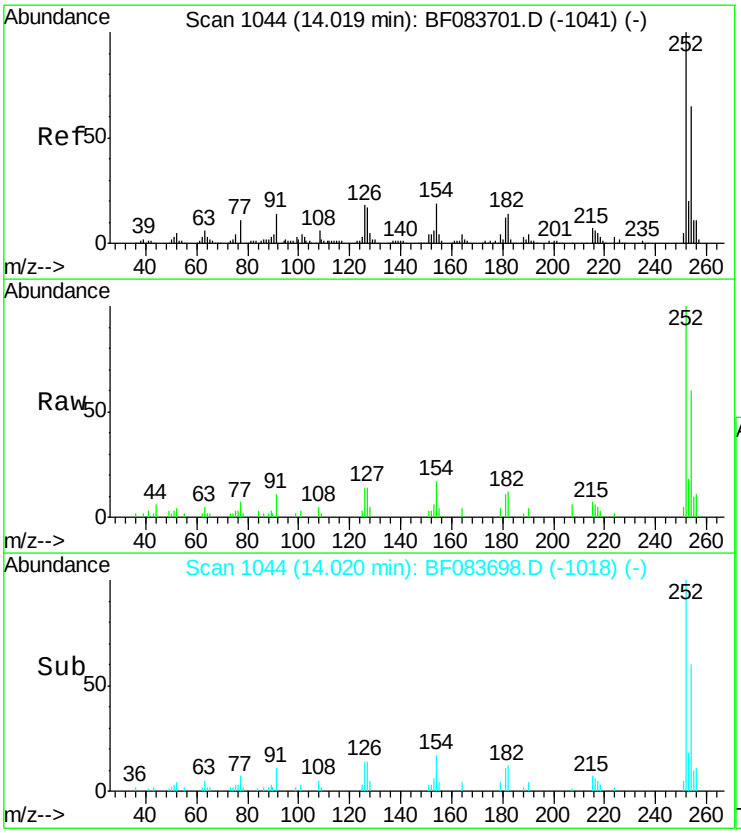
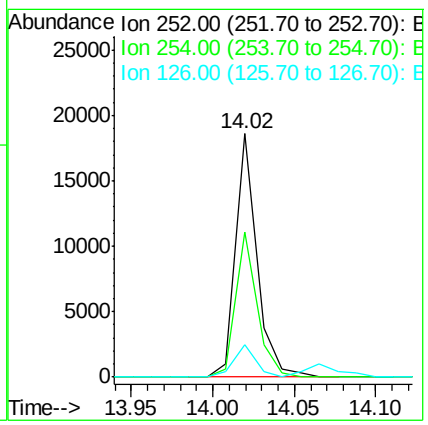
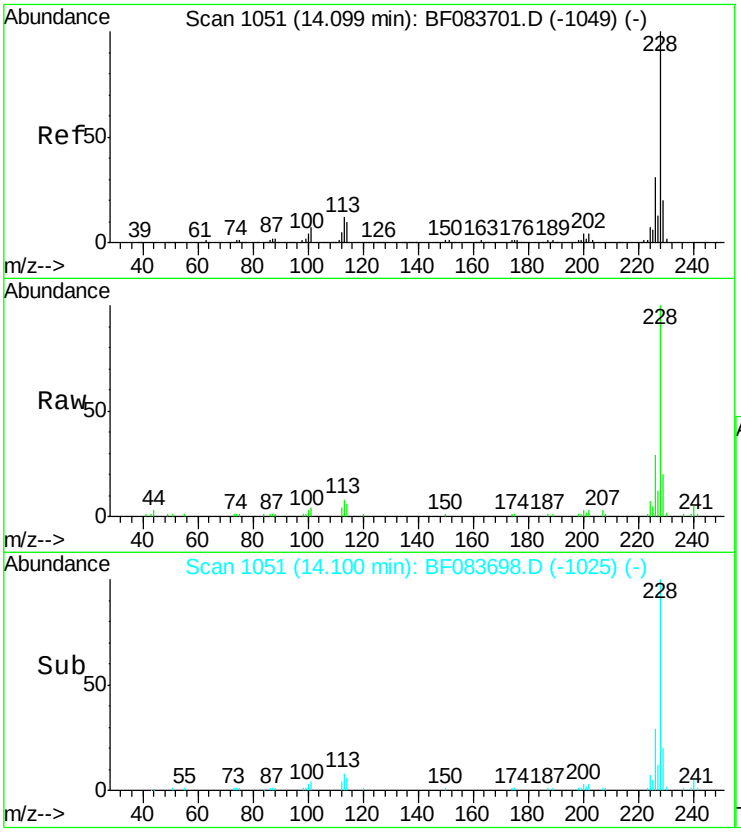


#81
3,3'-Dichlorobenzidine
Concen: 2.04 ng
RT: 14.02 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion:252 Resp: 16597

Ion	Ratio	Lower	Upper
252	100		
254	59.8	50.6	76.0
126	13.5	11.0	16.4

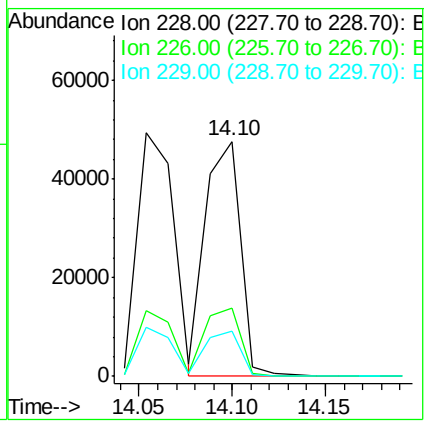




#82
Chrysene
Concen: 2.59 ng
RT: 14.10 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion:228 Resp: 62715

Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.7	37.1
229	19.5	16.3	24.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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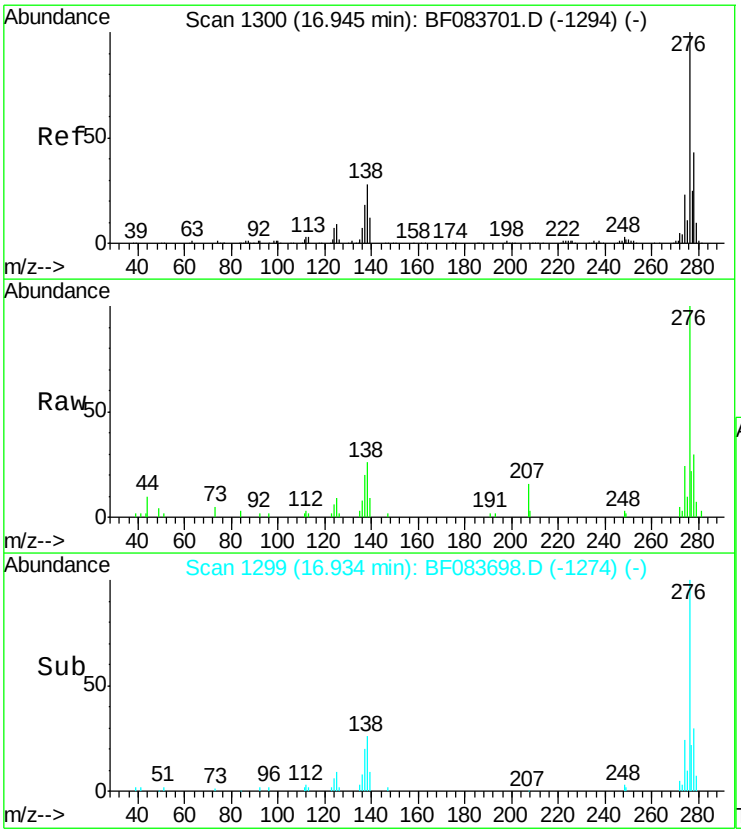
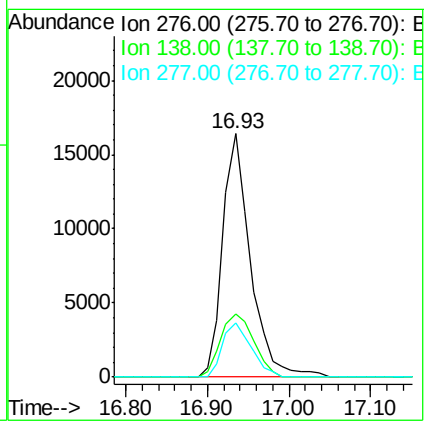
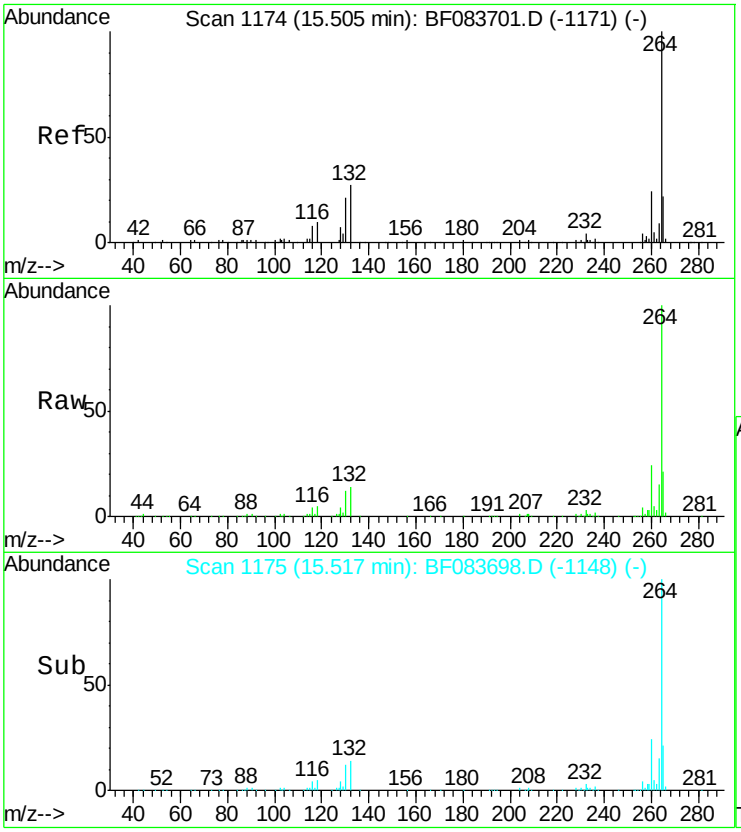


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.37 ng
RT: 16.93 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion:276 Resp: 38661

Ion	Ratio	Lower	Upper
276	100		
138	31.1	0.0	0.0#
277	23.0	0.0	0.0#

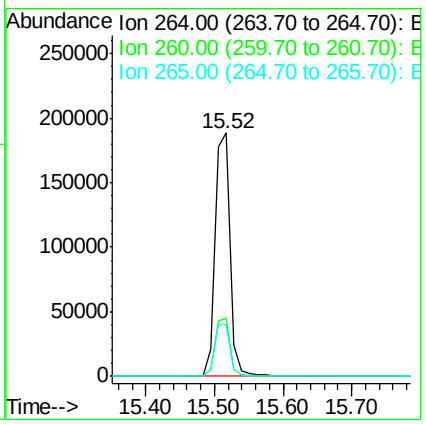




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.52 min Scan# 1175
Delta R.T. 0.01 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion:264 Resp: 290952

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.0
265	21.1	17.8	26.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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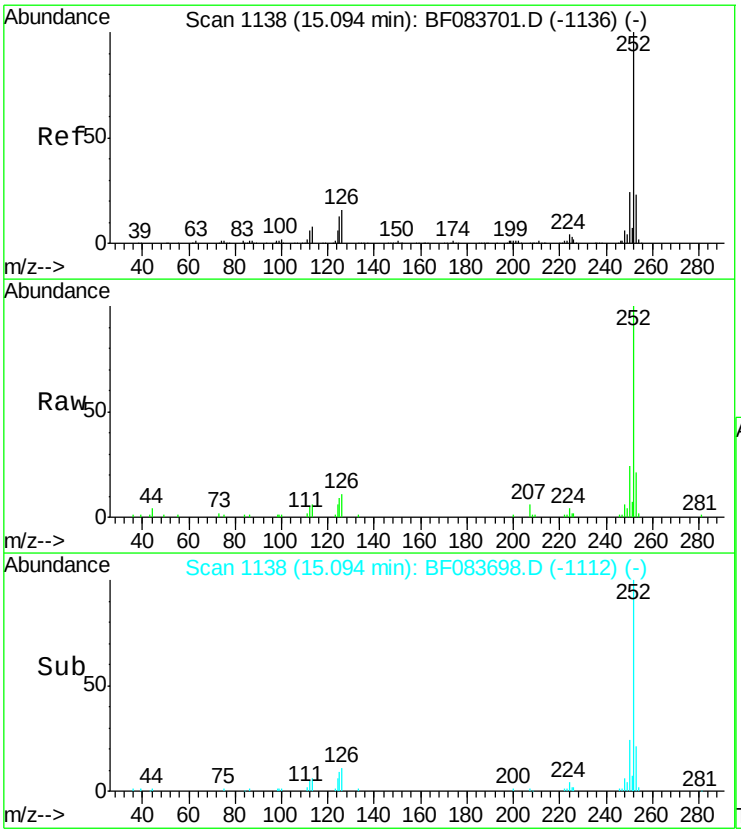
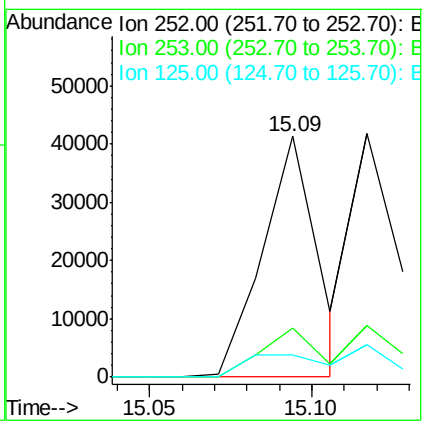
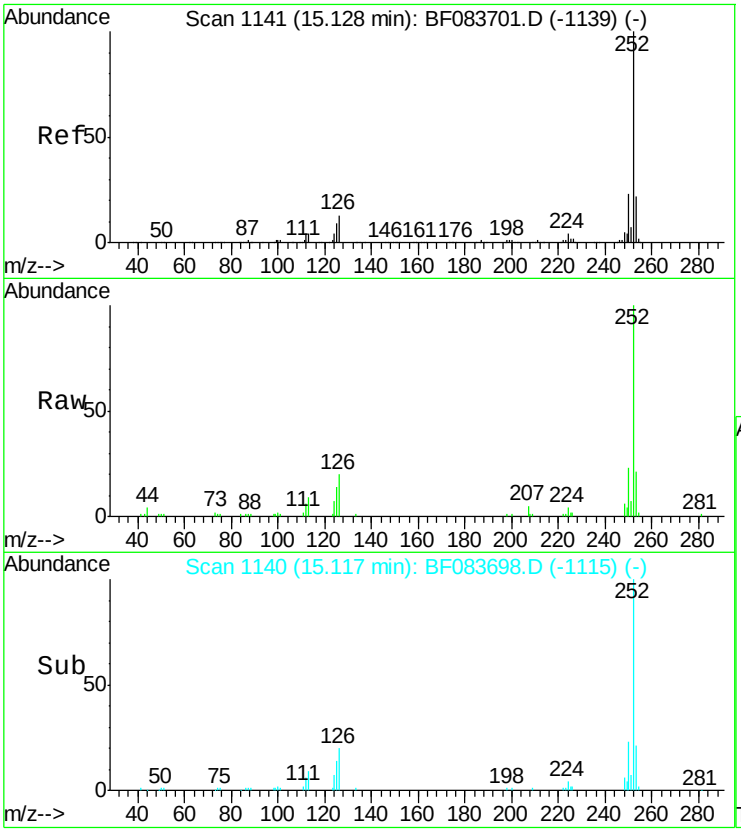


#87
Benzo(b)fluoranthene
Concen: 2.90 ng m
RT: 15.09 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion:252 Resp: 48108

Ion	Ratio	Lower	Upper
252	100		
253	20.6	18.2	27.4
125	9.4	8.2	12.4

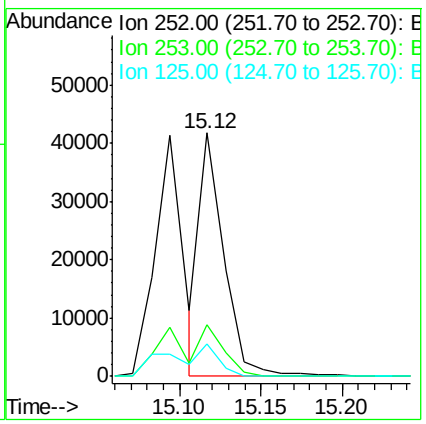




#88
Benzo(k)fluoranthene
Concen: 2.45 ng m
RT: 15.12 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion:252 Resp: 44654

Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.6	27.8
125	13.6	11.5	17.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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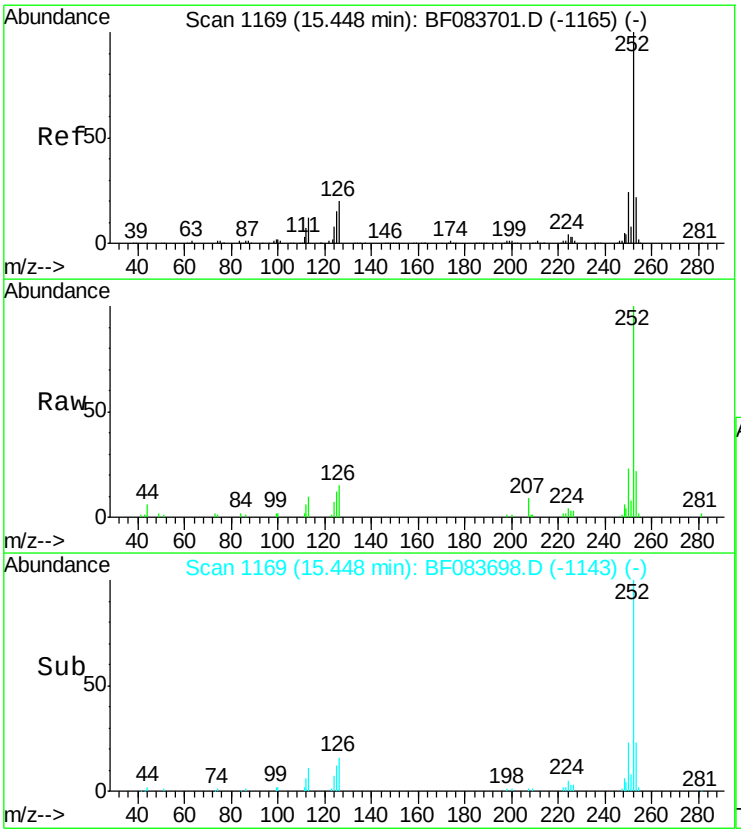
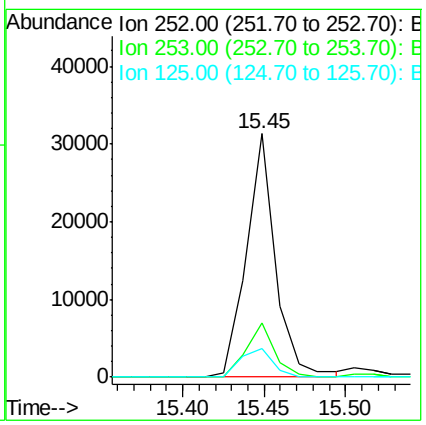
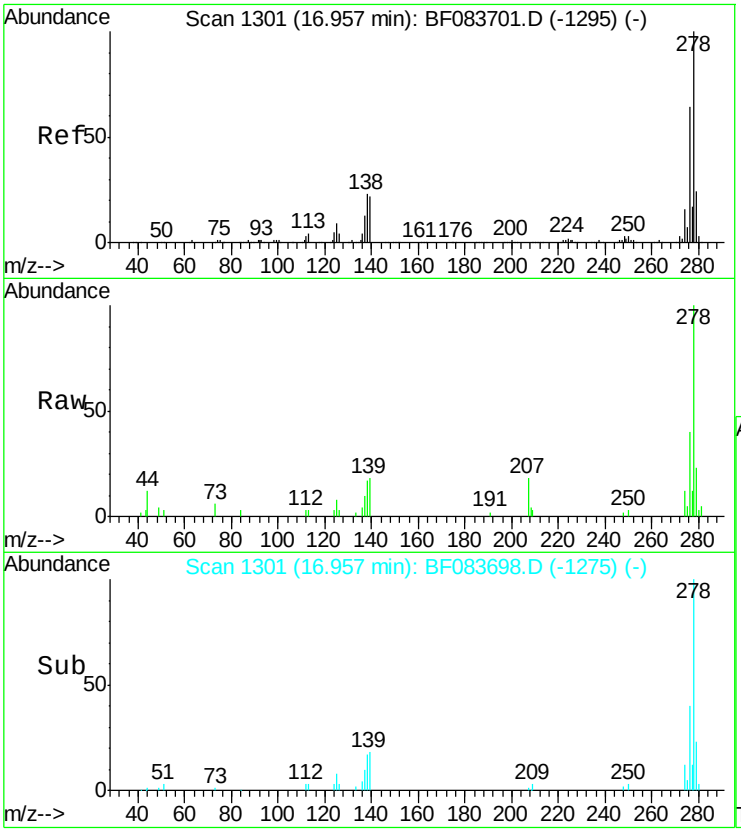


#89
Benzo(a)pyrene
Concen: 2.40 ng
RT: 15.45 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion:252 Resp: 38870

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	11.6	11.0	16.6

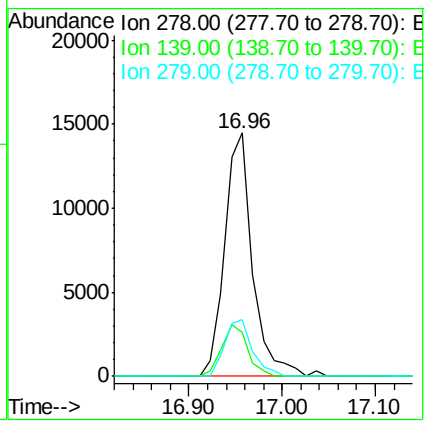




#90
Dibenzo(a,h)anthracene
Concen: 2.45 ng
RT: 16.96 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

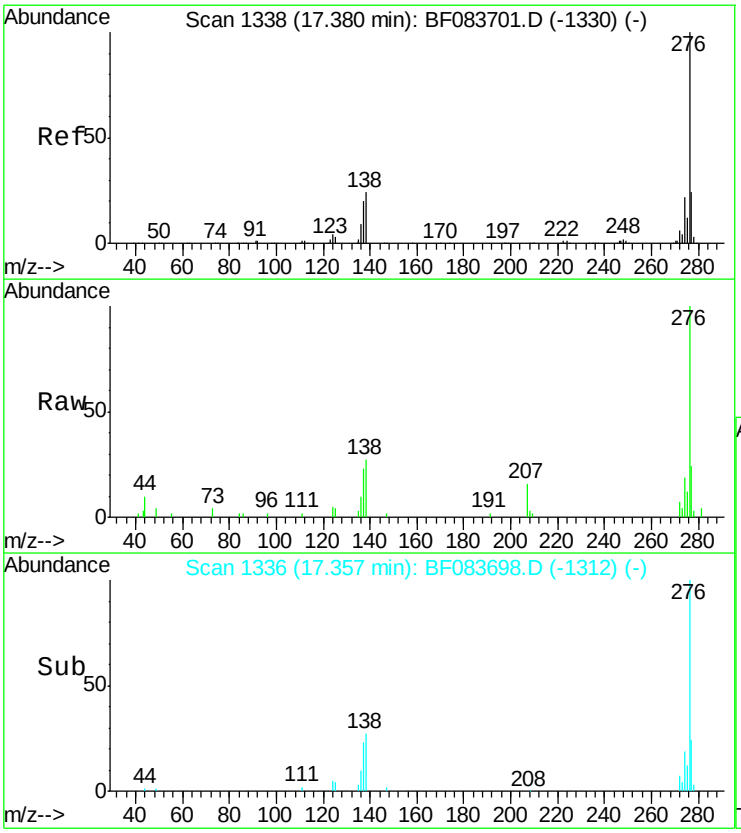
Tgt Ion:278 Resp: 30227

Ion	Ratio	Lower	Upper
278	100		
139	17.9	12.8	19.2
279	23.2	18.6	28.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
MMdadoda
12/14/2015 6:22:15 PM



#91
Benzo(g,h,i)perylene
Concen: 2.78 ng
RT: 17.36 min Scan# 1336
Delta R.T. -0.02 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion:276 Resp: 33562

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.2	28.8
138	26.8	19.5	29.3