Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122015\
Data File : BF083960.D
Acq On : 19 Dec 2015 17:52
Operator : UM/SJ
Sample : G4885-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POSTMIX1

Quant Time: Dec 21 00:56:17 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 14:23:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	71458	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	308797	20.00	ng		-0.01
38) Acenaphthene-d10	9.88	164	150292	20.00	ng		-0.03
63) Phenanthrene-d10	11.37	188	253474	20.00	ng		-0.02
75) Chrysene-d12	14.01	240	209632	20.00	ng		-0.02
86) Perylene-d12	15.44	264	152720	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	86066	18.85	ng		0.00
7) Phenol-d6	6.60	99	11284	2.02	ng		0.09
23) Nitrobenzene-d5	7.42	82	420774	77.77	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	132929	80.29	ng		-0.03
44) 2-Fluorobiphenyl	9.22	172	880544	81.78	ng		-0.02
78) Terphenyl-d14	12.96	244	706364	78.28	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	5241	2.65	ng	#	67
3) Pyridine	3.17	79	142414	29.08	ng		99
6) Aniline	6.66	93	15134346	2102.57	ng	#	87
8) 2-Chlorophenol	6.70	128	117867	21.69	ng		82
9) Benzaldehyde	6.66	77	207923	61.74	ng	#	1
10) Phenol	6.65	94	1223389	196.17	ng	#	1
11) bis(2-Chloroethyl)ether	6.66	93	15134346	3194.45	ng	#	31
12) 1,3-Dichlorobenzene	6.90	146	763249	130.60	ng		98
13) 1,4-Dichlorobenzene	6.90	146	763249	127.92	ng		94
14) 1,2-Dichlorobenzene	7.05	146	888566	197.64	ng		97
18) Hexachloroethane	7.58	117	210999	96.37	ng	#	1
19) n-Nitroso-di-n-propylamine	7.42	70	57384	17.61	ng	#	77
20) 3+4-Methylphenols	7.26	107	101649	20.29	ng	#	20
24) Nitrobenzene	7.58	77	4725968	844.60	ng	#	40
25) Isophorone	7.42	82	322679	31.70	ng	#	66
31) Naphthalene	8.12	128	281969	16.74	ng	#	78
33) 4-Chloroaniline	8.19	127	46600	6.65	ng		97
36) 4-Chloro-3-methylphenol	8.59	107	21943	2.63	ng		88
37) 2-Methylnaphthalene	8.81	142	33918	3.16	ng	#	1
43) 2,4,5-Trichlorophenol	9.32	196	12695	4.10	ng	#	76
45) 1,1'-Biphenyl	9.31	154	458	Below Cal		#	1
46) 2-Chloronaphthalene	9.36	162	1272	Below Cal		#	33
47) 2-Nitroaniline	9.42	65	10520	3.54	ng	#	17
49) Dimethylphthalate	9.61	163	67660	5.37	ng	#	91
57) Fluorene	10.43	166	440	Below Cal		#	78
64) 4,6-Dinitro-2-methylphenol	10.36	198	582	4.27	ng	#	32
66) 4-Bromophenyl-phenylether	10.67	248	8616	2.78	ng	#	1
77) Pyrene	12.81	202	330	Below Cal		#	57

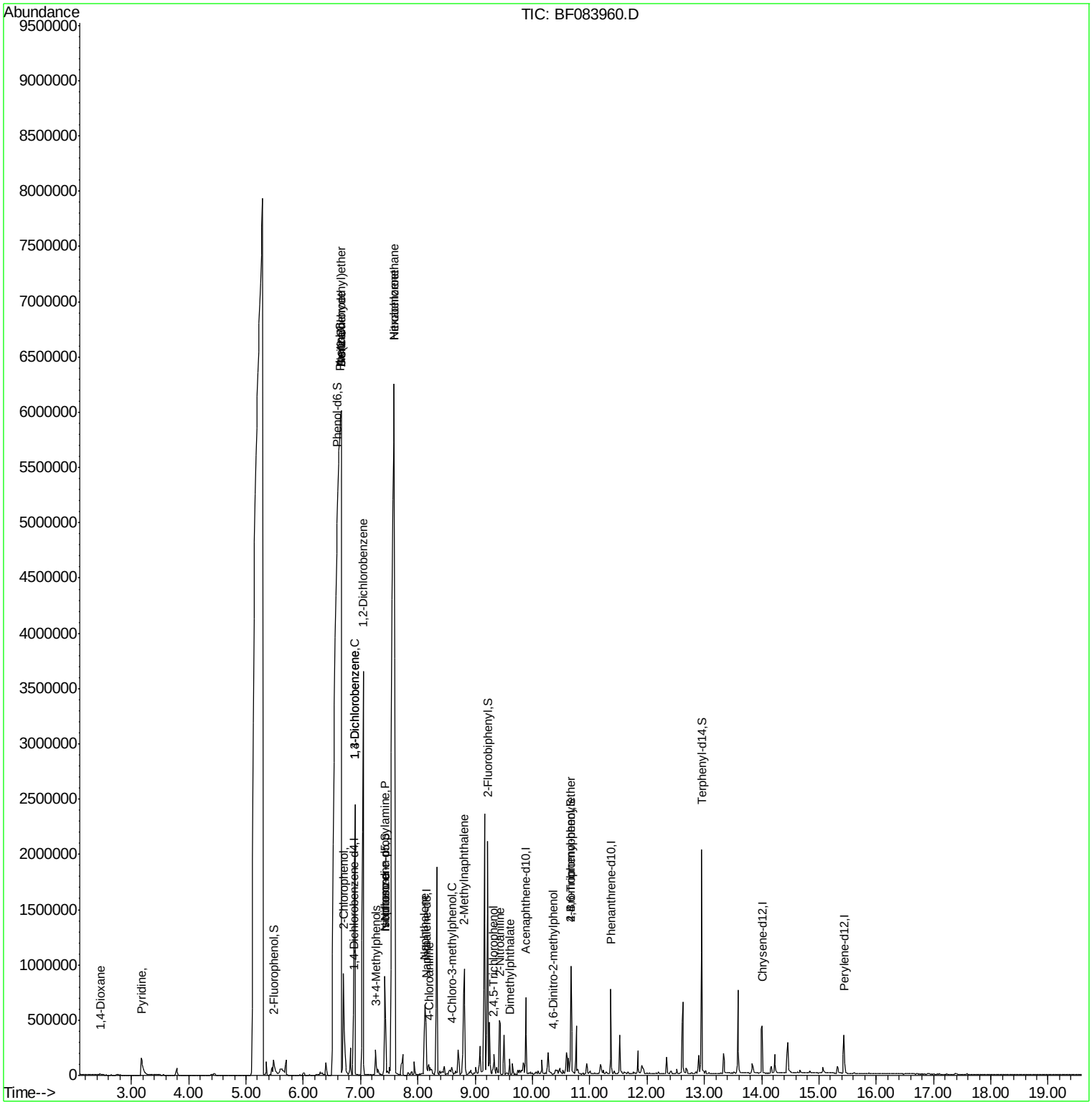
(#) = qualifier out of range (m) = manual integration (+) = signals summed

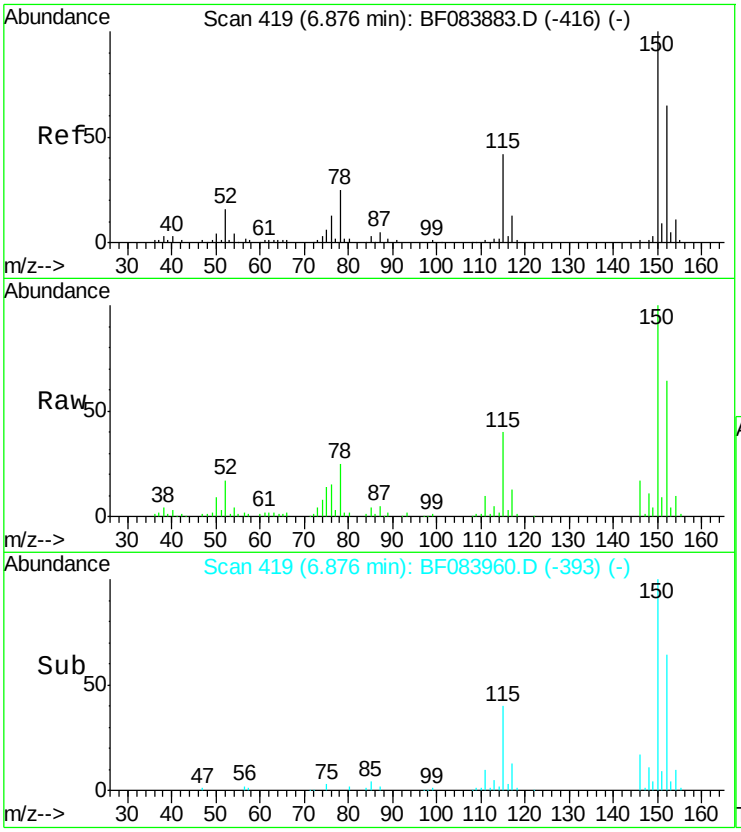
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122015\
Data File : BF083960.D
Acq On : 19 Dec 2015 17:52
Operator : UM/SJ
Sample : G4885-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
POSTMIX1

Quant Time: Dec 21 00:56:17 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 14:23:22 2015
Response via : Initial Calibration



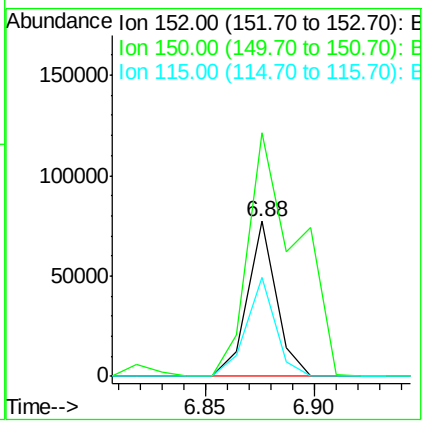


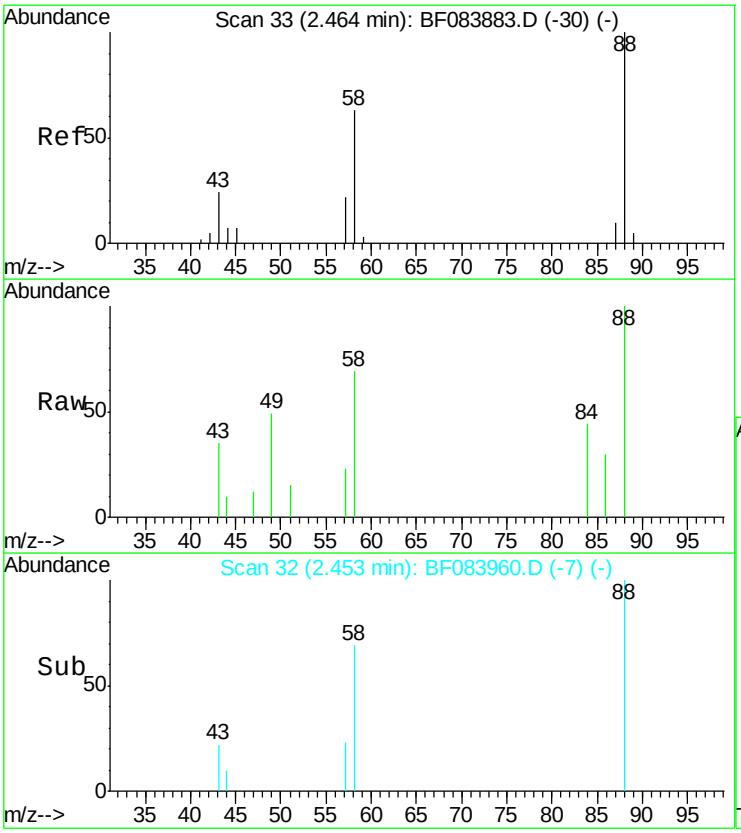
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 419
Delta R.T. -0.00 min
Lab File: BF083960.D
Acq: 19 Dec 2015 17:52

Instrument :
BNA_F
ClientSampleId :
POSTMIX1

Tgt Ion:152 Resp: 71458

Ion	Ratio	Lower	Upper
152	100		
150	157.2	123.0	184.4
115	63.7	51.4	77.2

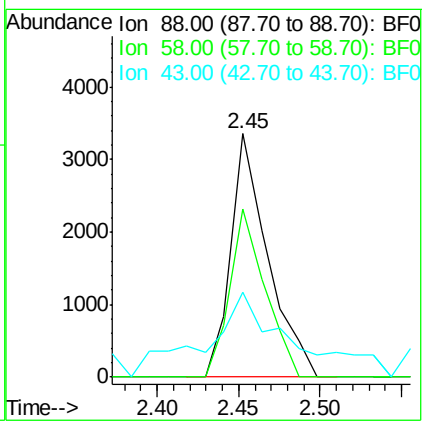


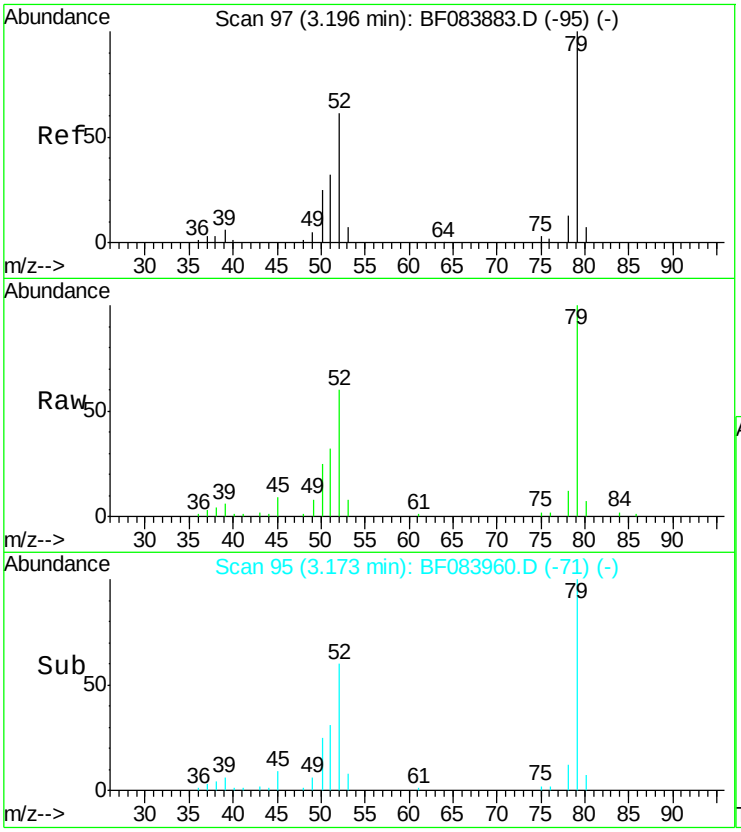


#2
1,4-Dioxane
Concen: 2.65 ng
RT: 2.45 min Scan# 32
Delta R.T. -0.01 min
Lab File: BF083960.D
Acq: 19 Dec 2015 17:52

Tgt Ion: 88 Resp: 5241

Ion	Ratio	Lower	Upper
88	100		
58	65.7	51.2	76.8
43	81.5	19.5	29.3#



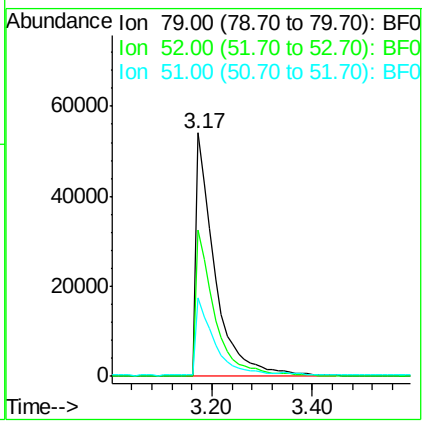


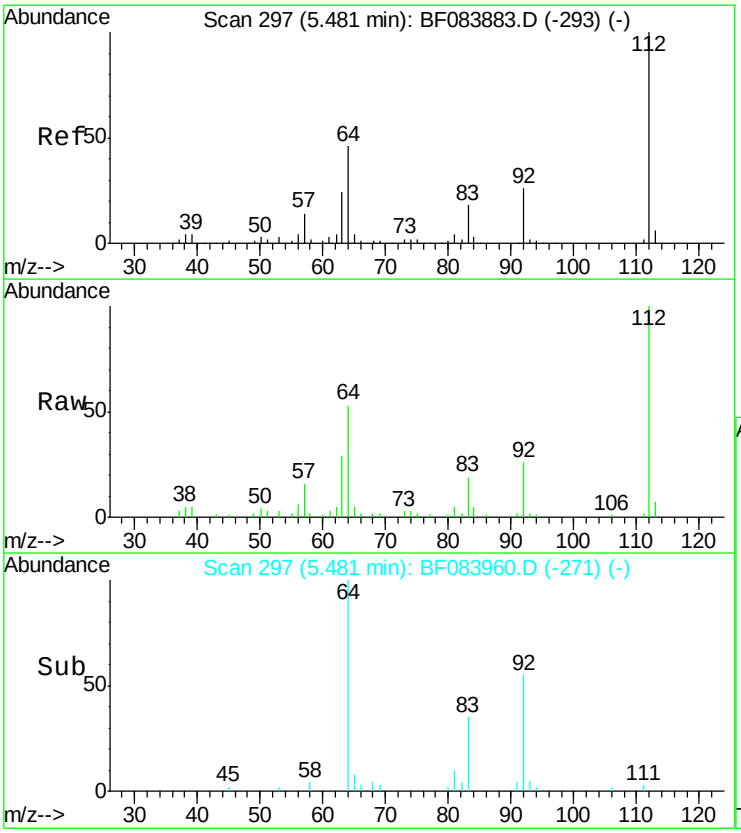
#3
Pyridine
Concen: 29.08 ng
RT: 3.17 min Scan# 95
Delta R.T. -0.02 min
Lab File: BF083960.D
Acq: 19 Dec 2015 17:52

Instrument :
BNA_F
ClientSampleId :
POSTMIX1

Tgt Ion: 79 Resp: 142414

Ion	Ratio	Lower	Upper
79	100		
52	60.3	49.0	73.4
51	32.2	25.2	37.8

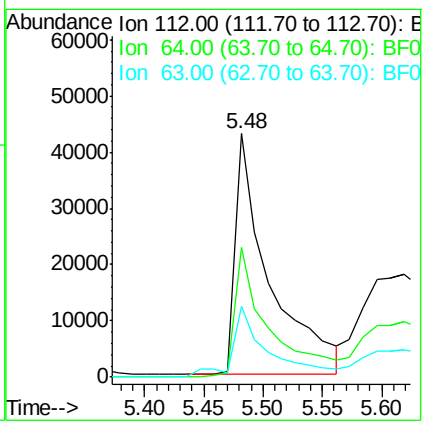


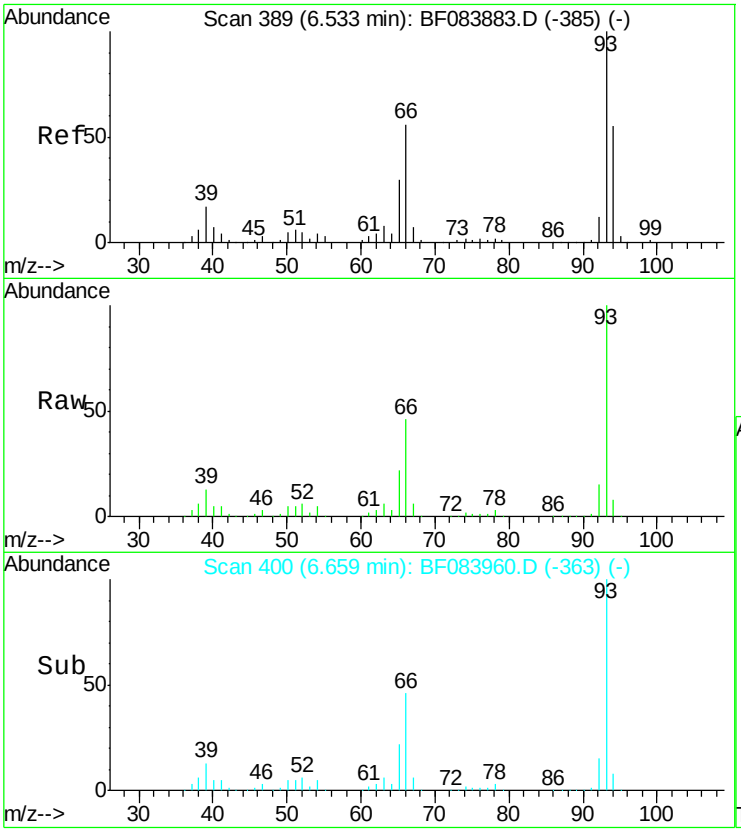


#5
2-Fluorophenol
Concen: 18.85 ng
RT: 5.48 min Scan# 297
Delta R.T. -0.00 min
Lab File: BF083960.D
Acq: 19 Dec 2015 17:52

Tgt Ion:112 Resp: 86066

Ion	Ratio	Lower	Upper
112	100		
64	53.1	36.6	55.0
63	28.8	19.4	29.0



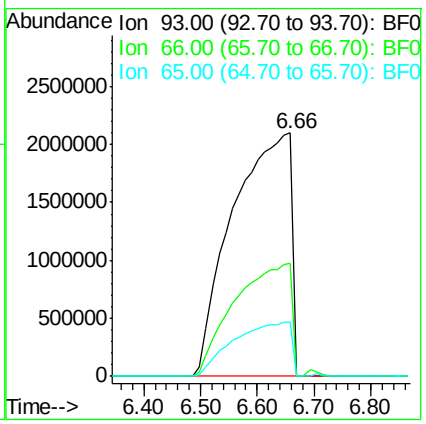


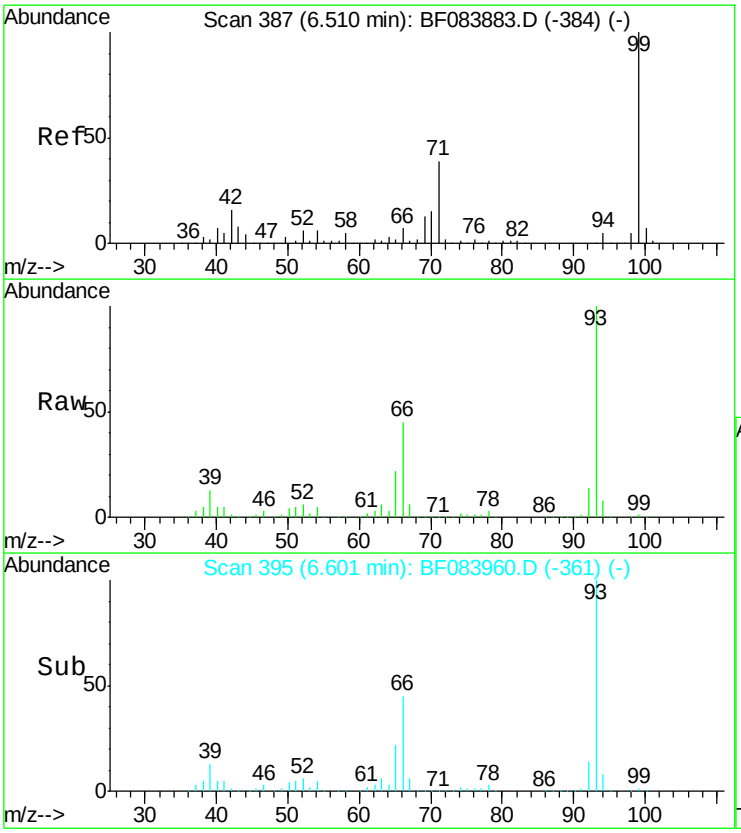
#6
Aniline
Concen: 2102.57 ng
RT: 6.66 min Scan# 400
Delta R.T. 0.13 min
Lab File: BF083960.D
Acq: 19 Dec 2015 17:52

Instrument :
BNA_F
ClientSampleId :
POSTMIX1

Tgt Ion: 93 Resp:15134346

Ion	Ratio	Lower	Upper
93	100		
66	46.2	44.9	67.3
65	22.4	23.7	35.5#

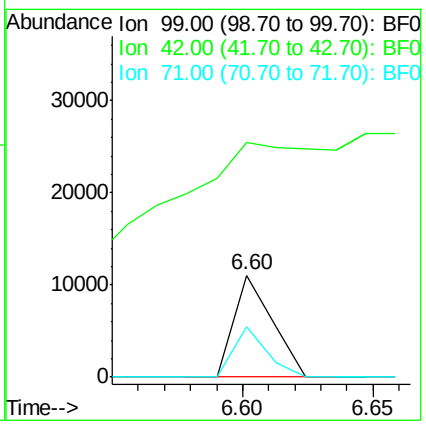


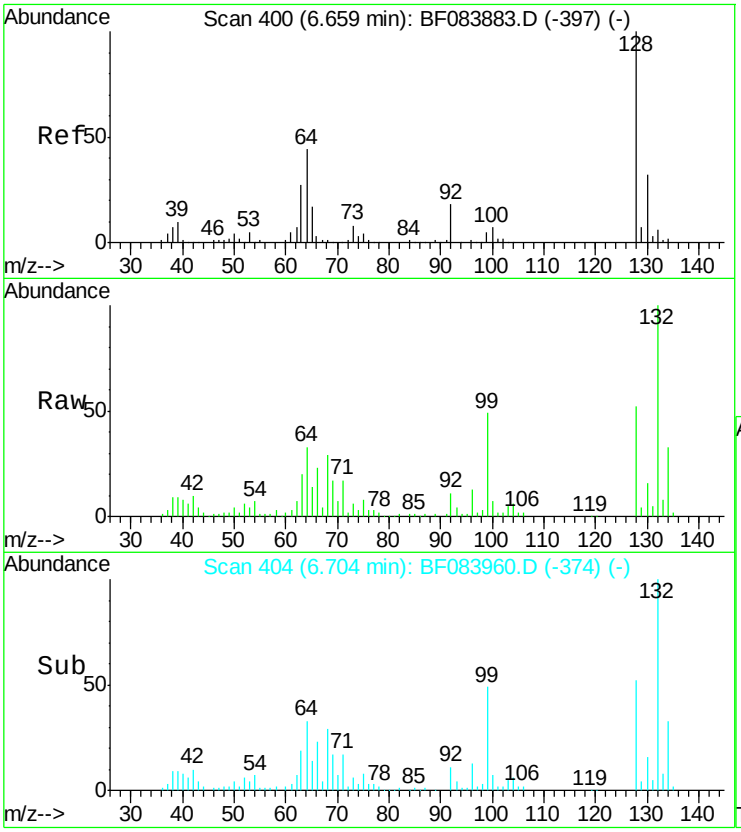


#7
Phenol-d6
Concen: 2.02 ng
RT: 6.60 min Scan# 395
Delta R.T. 0.09 min
Lab File: BF083960.D
Acq: 19 Dec 2015 17:52

Tgt Ion: 99 Resp: 11284

Ion	Ratio	Lower	Upper
99	100		
42	229.8	12.8	19.2#
71	48.8	30.9	46.3#



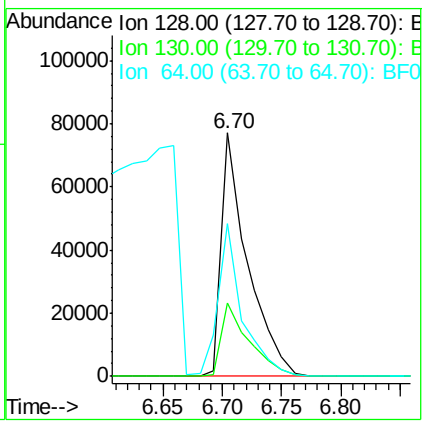


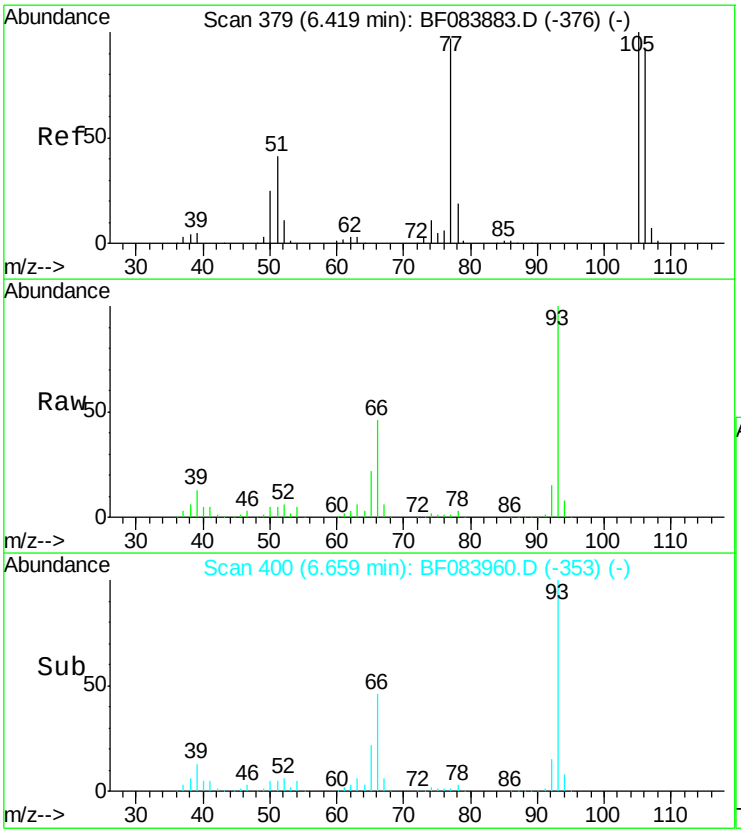
#8
2-Chlorophenol
Concen: 21.69 ng
RT: 6.70 min Scan# 404
Delta R.T. 0.05 min
Lab File: BF083960.D
Acq: 19 Dec 2015 17:52

Instrument :
BNA_F
ClientSampleId :
POSTMIX1

Tgt Ion:128 Resp: 117867

Ion	Ratio	Lower	Upper
128	100		
130	30.4	11.6	51.6
64	62.8	23.8	63.8

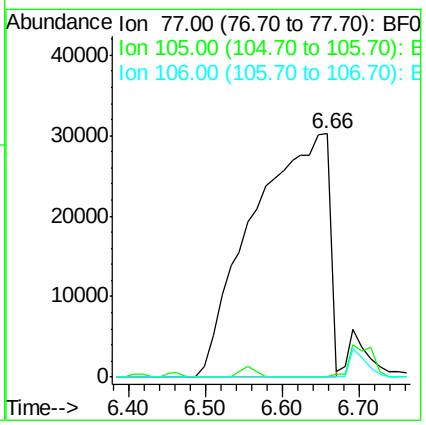


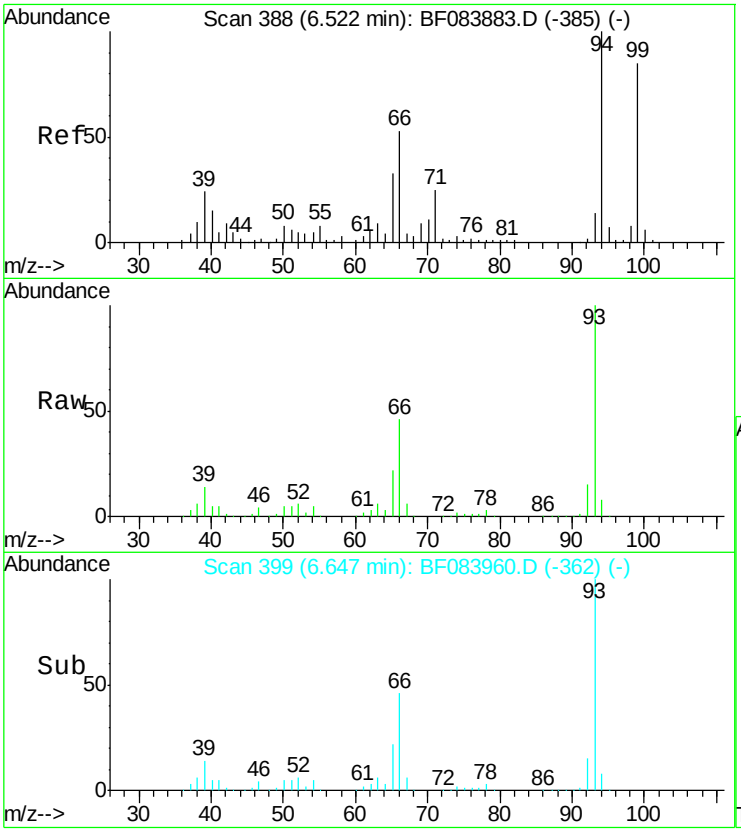


#9
Benzaldehyde
Concen: 61.74 ng
RT: 6.66 min Scan# 400
Delta R.T. 0.24 min
Lab File: BF083960.D
Acq: 19 Dec 2015 17:52

Tgt Ion: 77 Resp: 207923

Ion	Ratio	Lower	Upper
77	100		
105	0.0	83.0	123.0#
106	0.0	74.6	114.6#



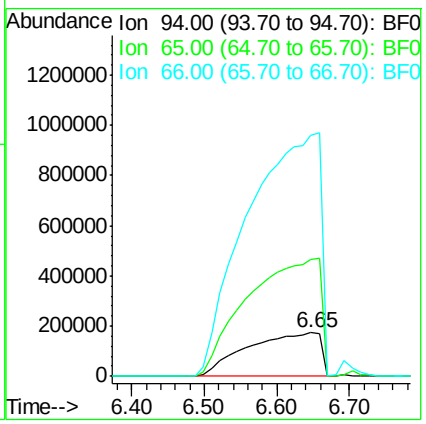


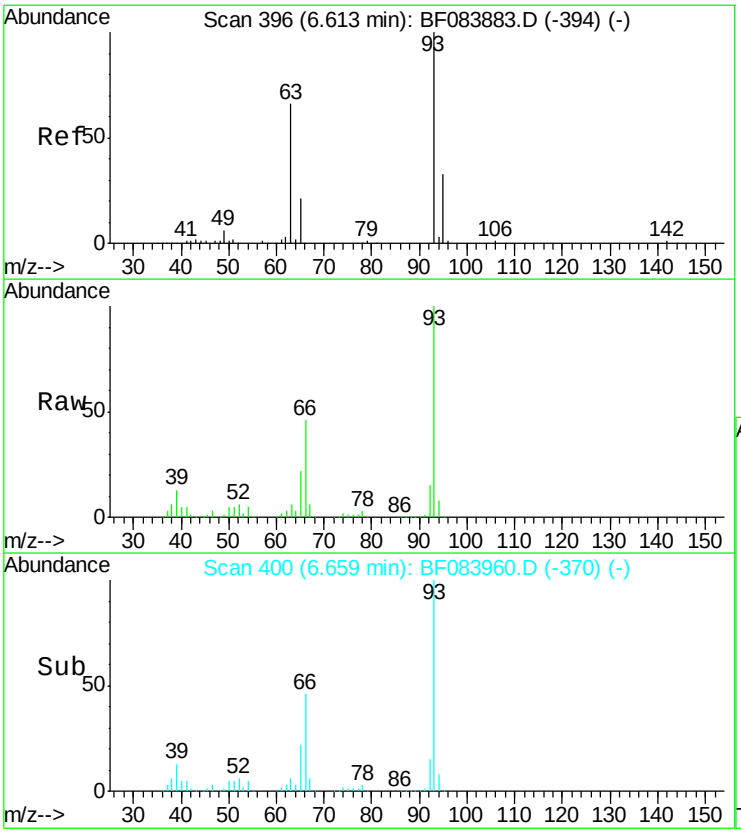
#10
Phenol
Concen: 196.17 ng
RT: 6.65 min Scan# 399
Delta R.T. 0.13 min
Lab File: BF083960.D
Acq: 19 Dec 2015 17:52

Instrument :
BNA_F
ClientSampleId :
POSTMIX1

Tgt Ion: 94 Resp: 1223389

Ion	Ratio	Lower	Upper
94	100		
65	266.3	12.9	52.9#
66	551.0	32.7	72.7#

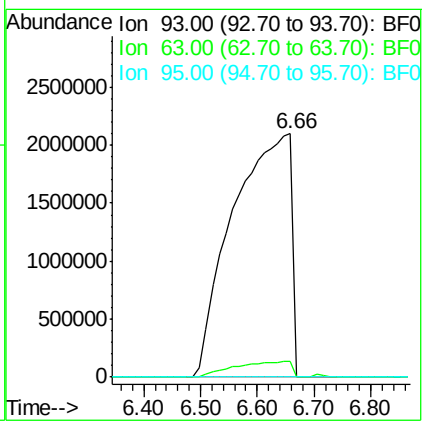


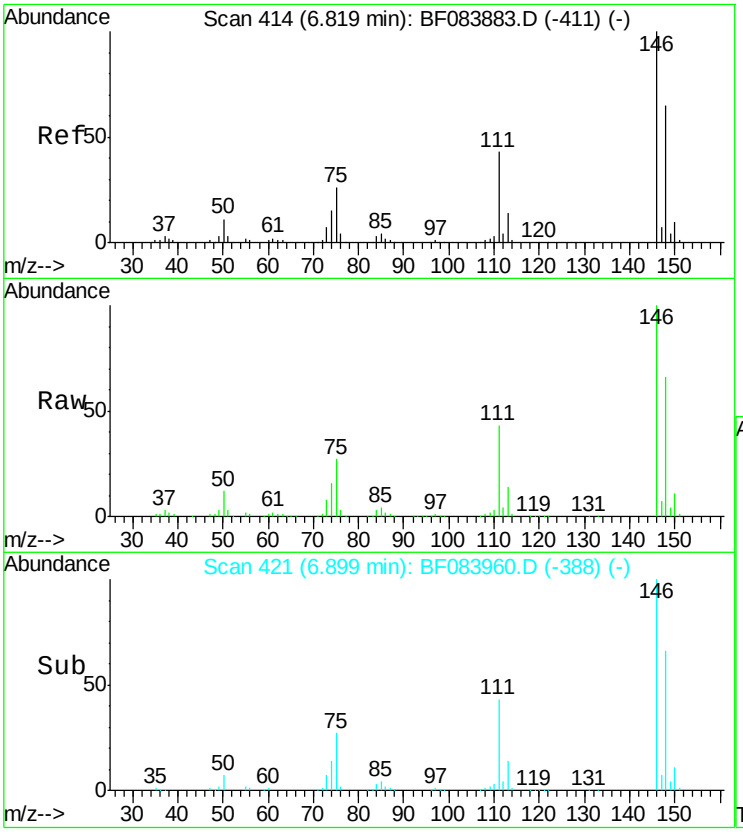


#11
bis(2-Chloroethyl)ether
Concen: 3194.45 ng
RT: 6.66 min Scan# 400
Delta R.T. 0.05 min
Lab File: BF083960.D
Acq: 19 Dec 2015 17:52

Tgt Ion: 93 Resp:15134346

Ion	Ratio	Lower	Upper
93	100		
63	6.4	45.9	85.9#
95	0.2	12.3	52.3#



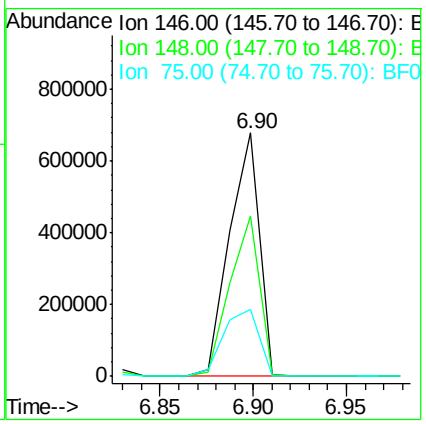


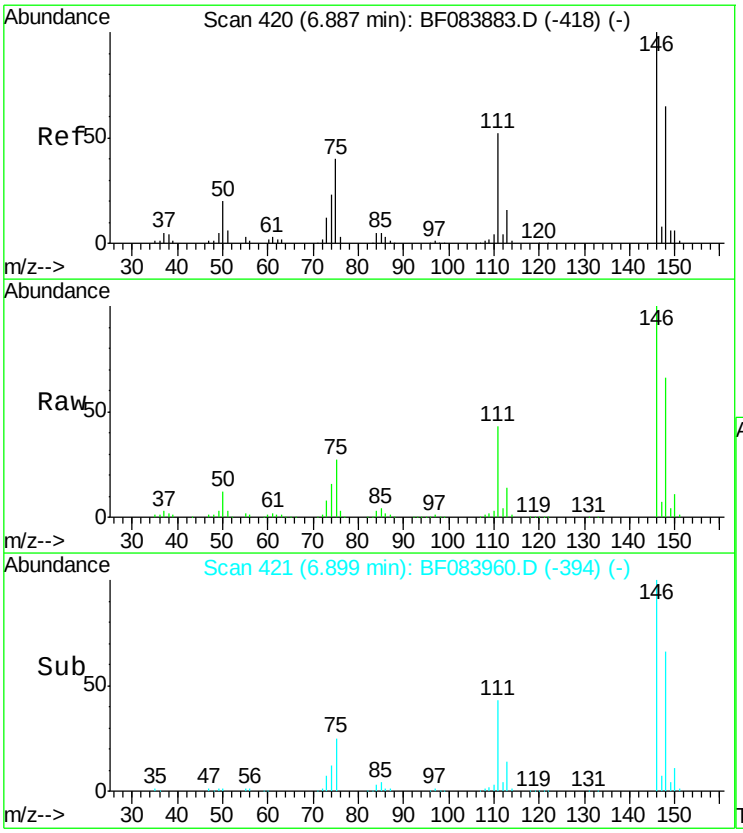
#12
1,3-Dichlorobenzene
Concen: 130.60 ng
RT: 6.90 min Scan# 421
Delta R.T. 0.08 min
Lab File: BF083960.D
Acq: 19 Dec 2015 17:52

Instrument :
BNA_F
ClientSampleId :
POSTMIX1

Tgt Ion:146 Resp: 763249

Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.9	77.9
75	27.5	20.5	30.7

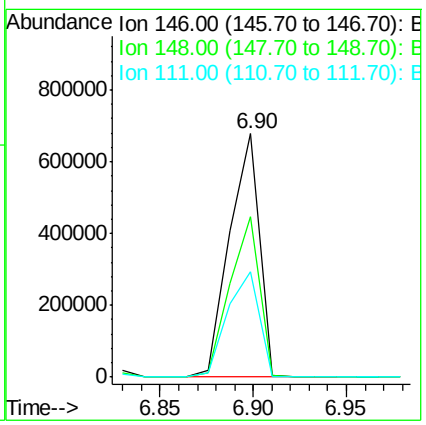


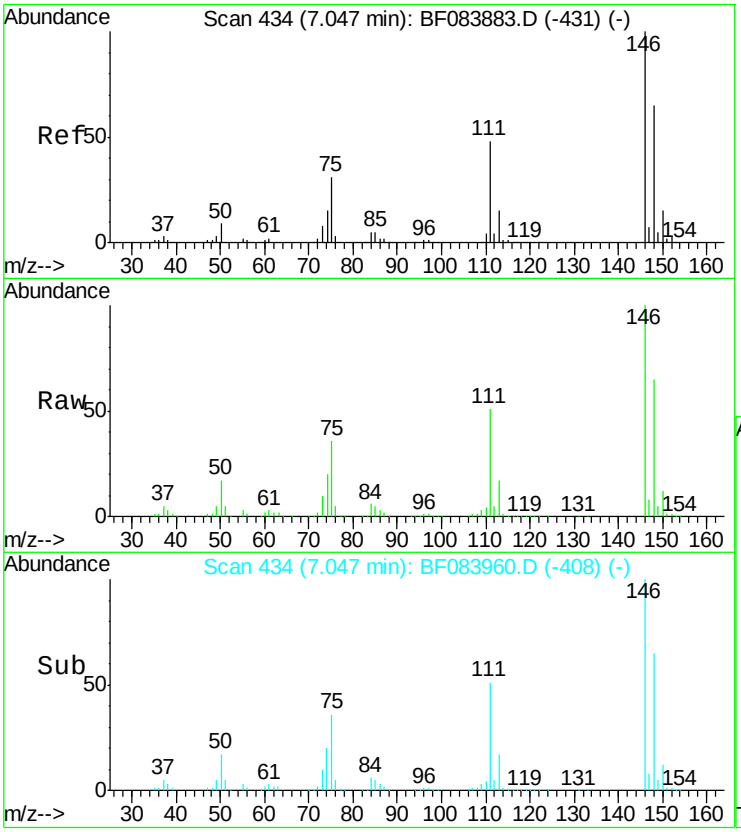


#13
1,4-Dichlorobenzene
Concen: 127.92 ng
RT: 6.90 min Scan# 421
Delta R.T. 0.01 min
Lab File: BF083960.D
Acq: 19 Dec 2015 17:52

Tgt Ion:146 Resp: 763249

Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.9	77.9
111	43.2	41.6	62.4



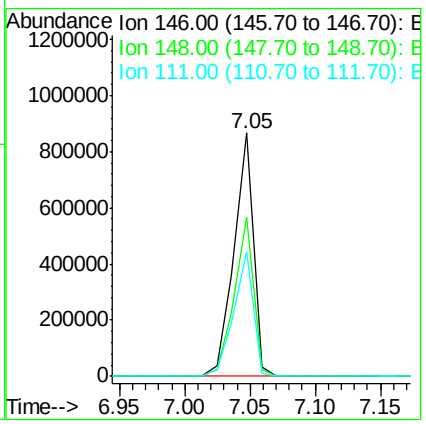


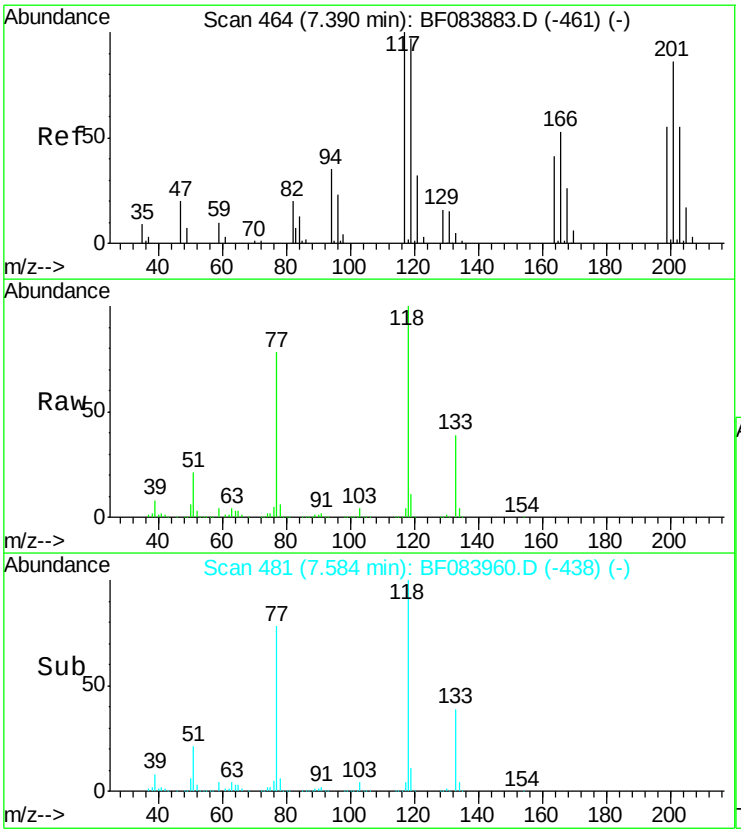
#14
1,2-Dichlorobenzene
Concen: 197.64 ng
RT: 7.05 min Scan# 434
Delta R.T. 0.00 min
Lab File: BF083960.D
Acq: 19 Dec 2015 17:52

Instrument :
BNA_F
ClientSampleId :
POSTMIX1

Tgt Ion:146 Resp: 888566

Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.6	77.4
111	51.1	38.0	57.0

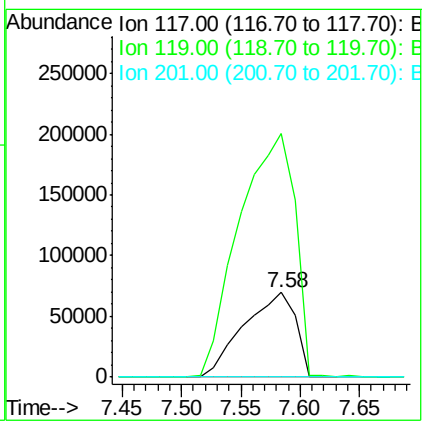


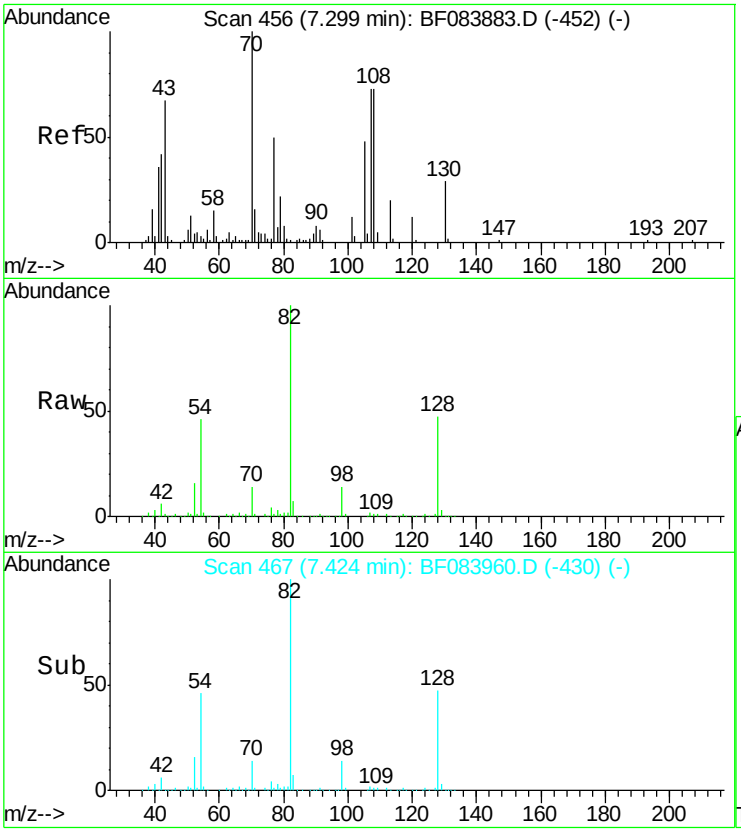


#18
Hexachloroethane
Concen: 96.37 ng
RT: 7.58 min Scan# 481
Delta R.T. 0.19 min
Lab File: BF083960.D
Acq: 19 Dec 2015 17:52

Tgt Ion:117 Resp: 210999

Ion	Ratio	Lower	Upper
117	100		
119	288.4	77.4	116.0#
201	0.0	68.6	103.0#



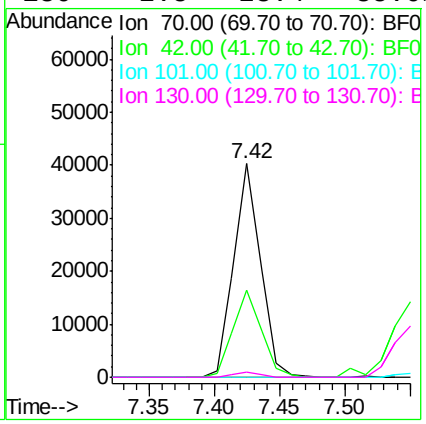


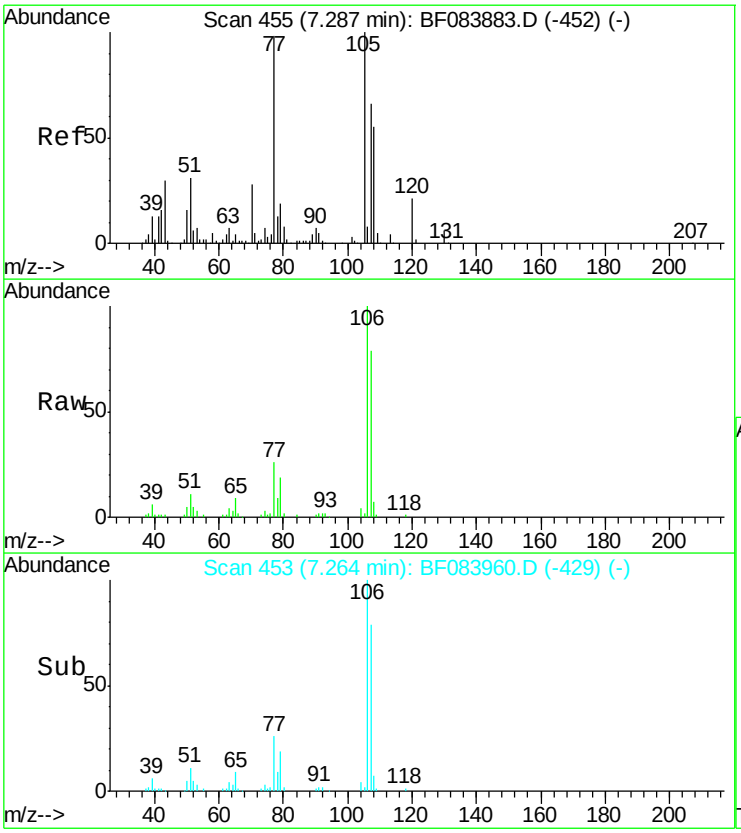
#19
n-Nitroso-di-n-propylamine
Concen: 17.61 ng
RT: 7.42 min Scan# 467
Delta R.T. 0.13 min
Lab File: BF083960.D
Acq: 19 Dec 2015 17:52

Instrument :
BNA_F
ClientSampleId :
POSTMIX1

Tgt Ion: 70 Resp: 57384

Ion	Ratio	Lower	Upper
70	100		
42	40.5	33.3	49.9
101	0.0	9.3	13.9#
130	2.5	23.4	35.0#

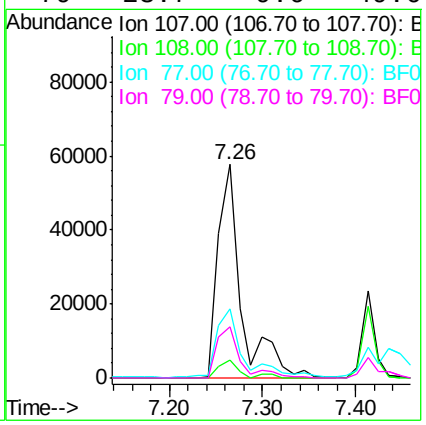


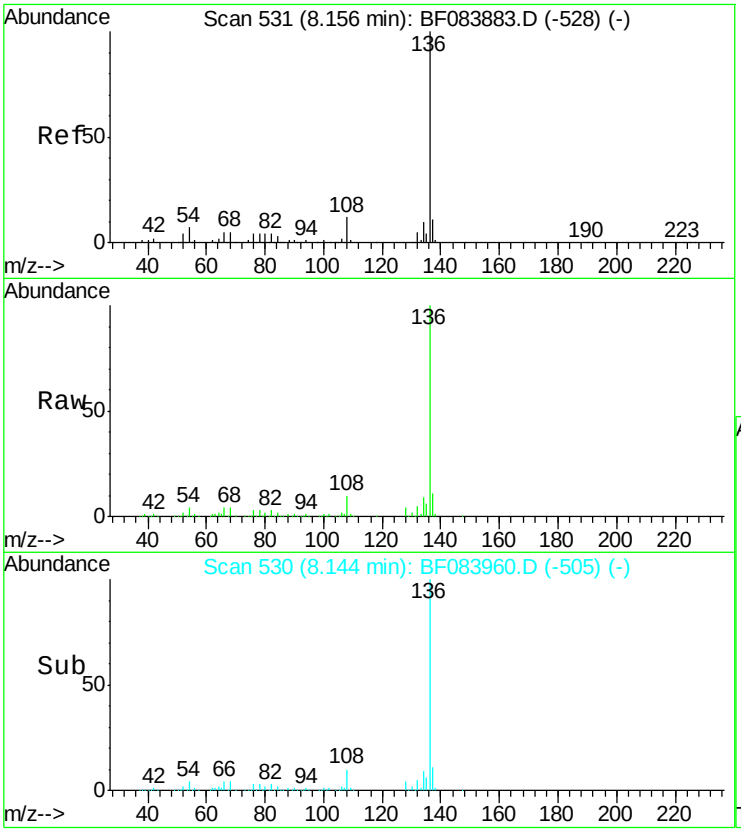


#20
3+4-Methylphenols
Concen: 20.29 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.02 min
Lab File: BF083960.D
Acq: 19 Dec 2015 17:52

Tgt Ion:107 Resp: 101649

Ion	Ratio	Lower	Upper
107	100		
108	8.6	64.1	104.1#
77	32.5	128.9	168.9#
79	23.7	9.6	49.6



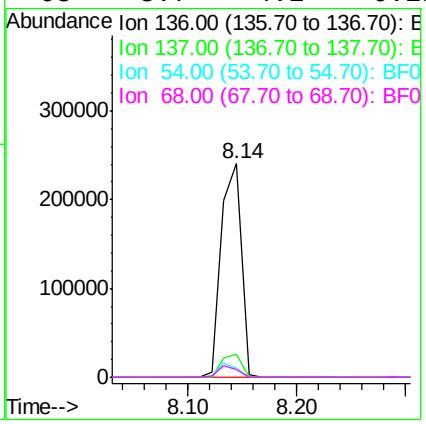


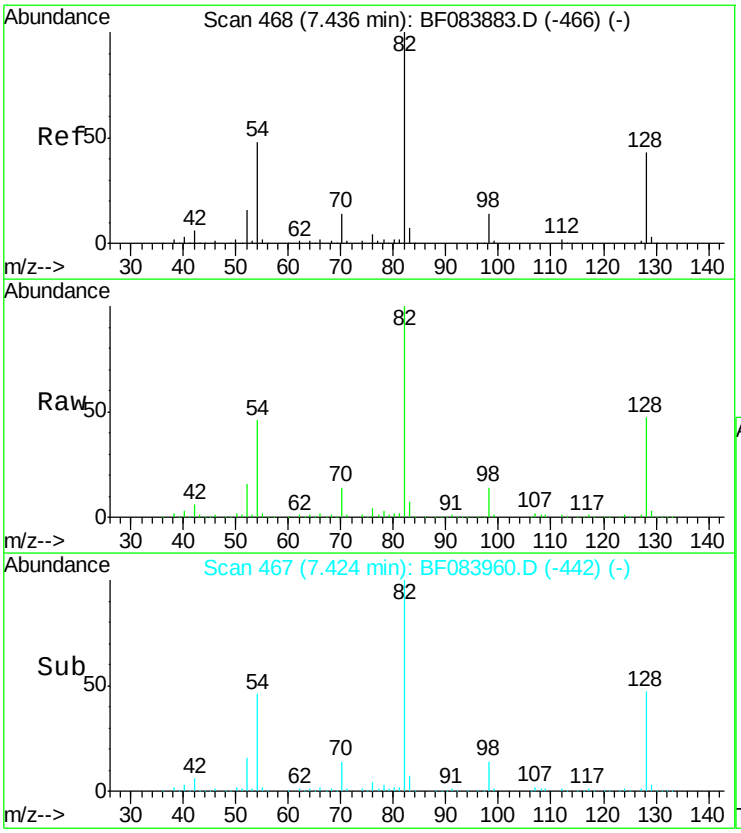
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF083960.D
Acq: 19 Dec 2015 17:52

Instrument :
BNA_F
ClientSampleId :
POSTMIX1

Tgt Ion:136 Resp: 308797

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	4.1	5.8	8.8#
68	3.7	4.2	6.2#

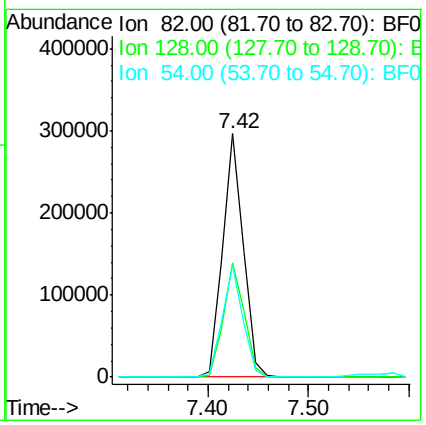


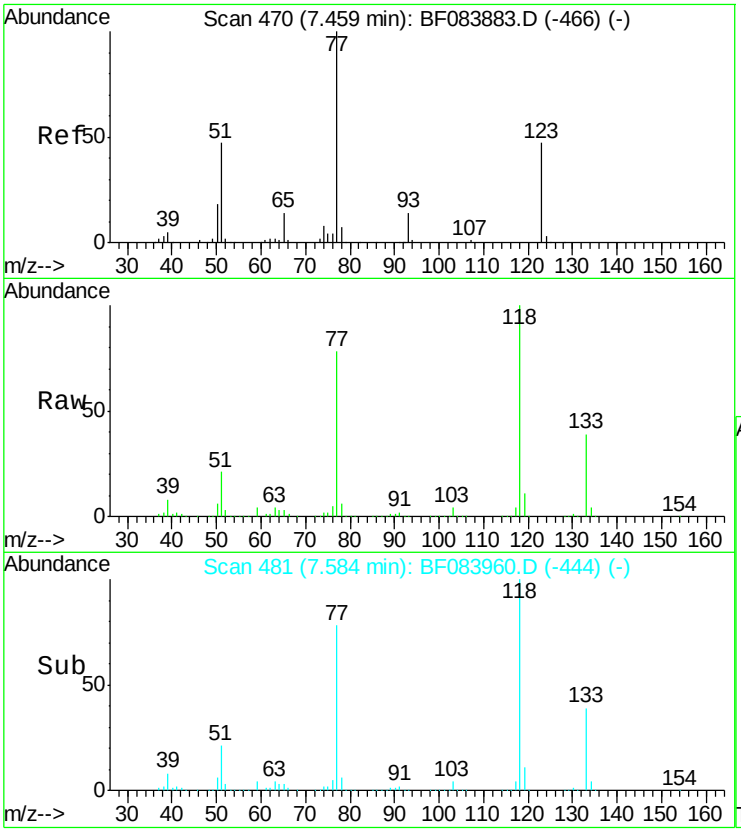


#23
Nitrobenzene-d5
Concen: 77.77 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.01 min
Lab File: BF083960.D
Acq: 19 Dec 2015 17:52

Tgt Ion: 82 Resp: 420774

Ion	Ratio	Lower	Upper
82	100		
128	47.0	34.6	51.8
54	45.9	38.4	57.6



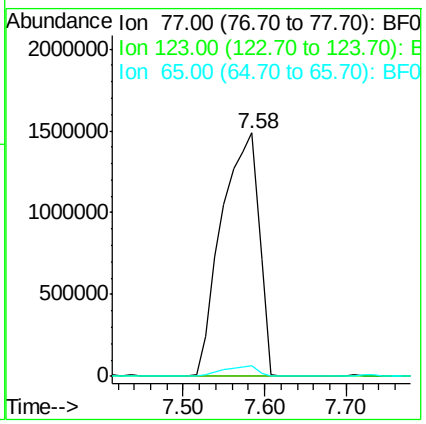


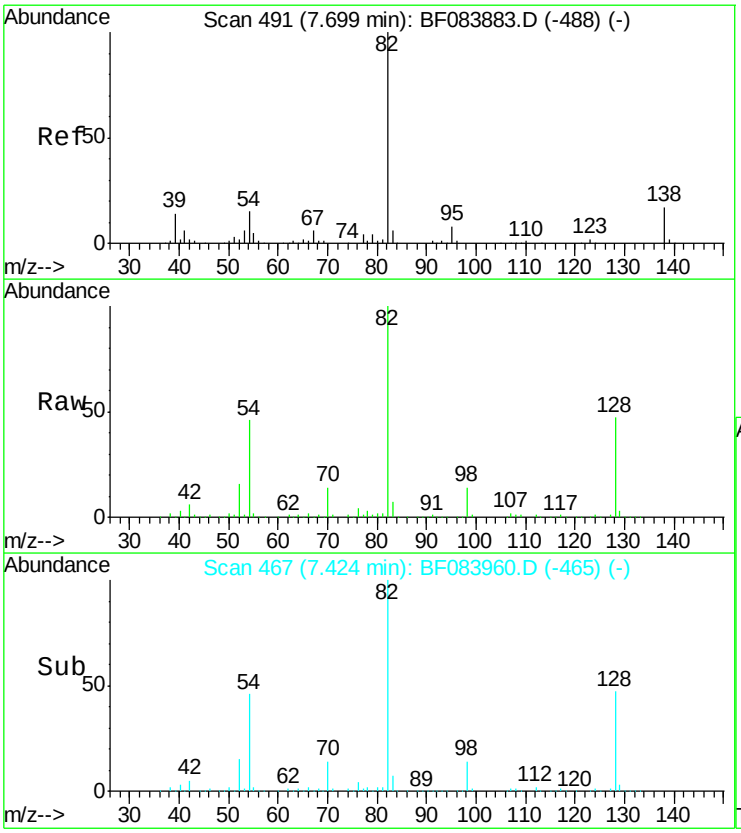
#24
Nitrobenzene
Concen: 844.60 ng
RT: 7.58 min Scan# 481
Delta R.T. 0.13 min
Lab File: BF083960.D
Acq: 19 Dec 2015 17:52

Instrument :
BNA_F
ClientSampleId :
POSTMIX1

Tgt Ion: 77 Resp: 4725968

Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.4	56.2#
65	4.2	10.9	16.3#

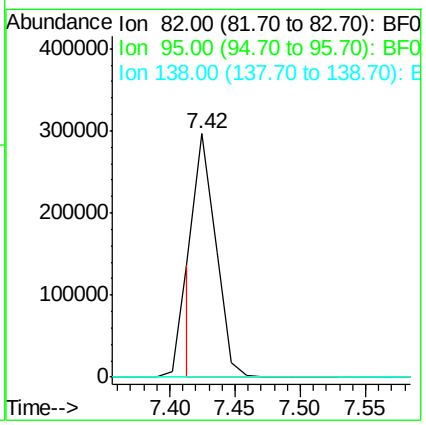


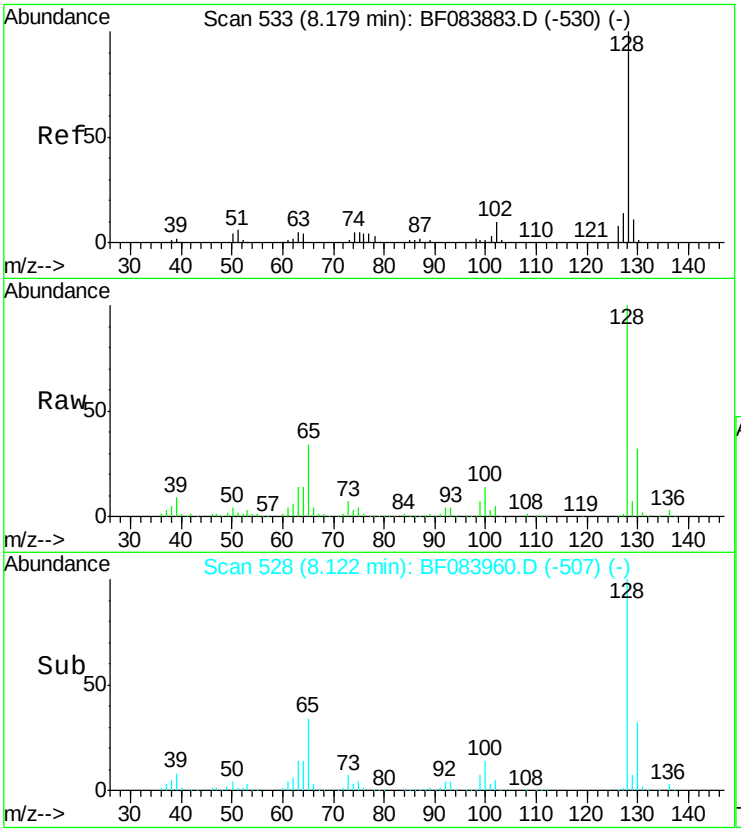


#25
Isophorone
Concen: 31.70 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.27 min
Lab File: BF083960.D
Acq: 19 Dec 2015 17:52

Tgt Ion: 82 Resp: 322679

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.6	10.0#
138	0.0	13.6	20.4#



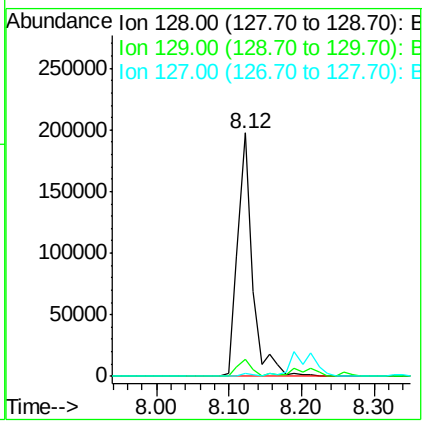


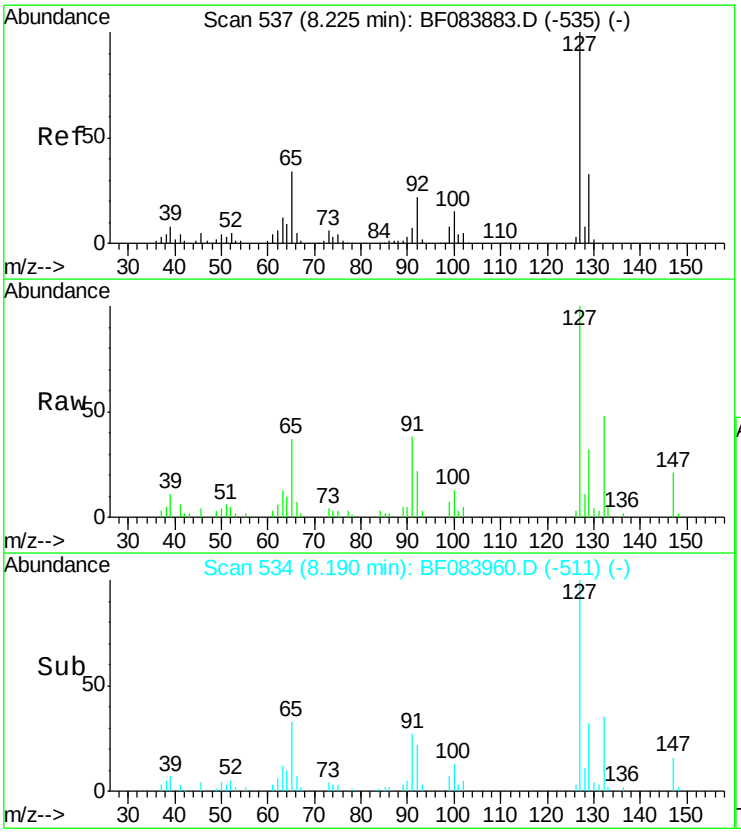
#31
Naphthalene
Concen: 16.74 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.06 min
Lab File: BF083960.D
Acq: 19 Dec 2015 17:52

Instrument :
BNA_F
ClientSampleId :
POSTMIX1

Tgt Ion:128 Resp: 281969

Ion	Ratio	Lower	Upper
128	100		
129	7.0	9.1	13.7#
127	1.4	11.1	16.7#

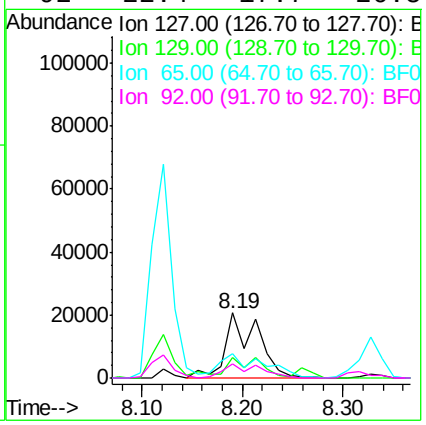


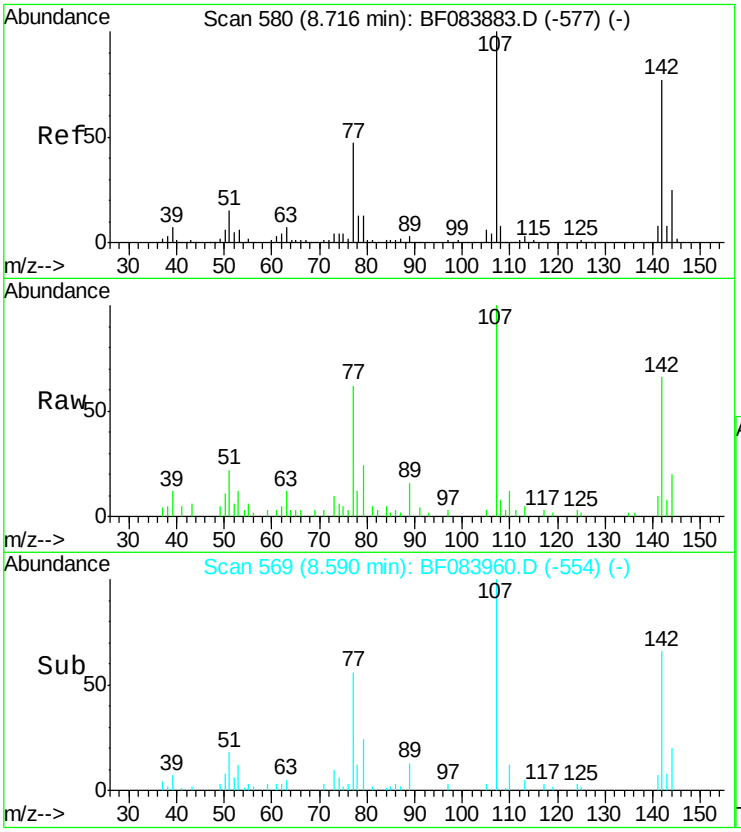


#33
4-Chloroaniline
Concen: 6.65 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.03 min
Lab File: BF083960.D
Acq: 19 Dec 2015 17:52

Tgt Ion:127 Resp: 46600

Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.5	39.7
65	37.4	27.2	40.8
92	22.4	17.7	26.5



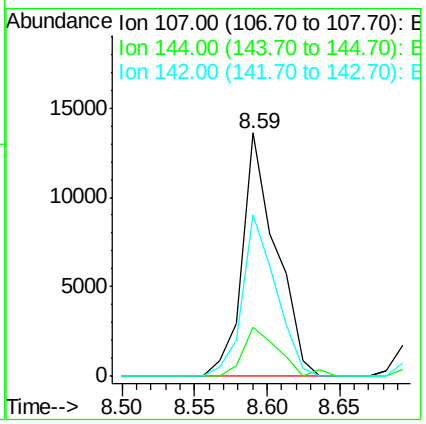


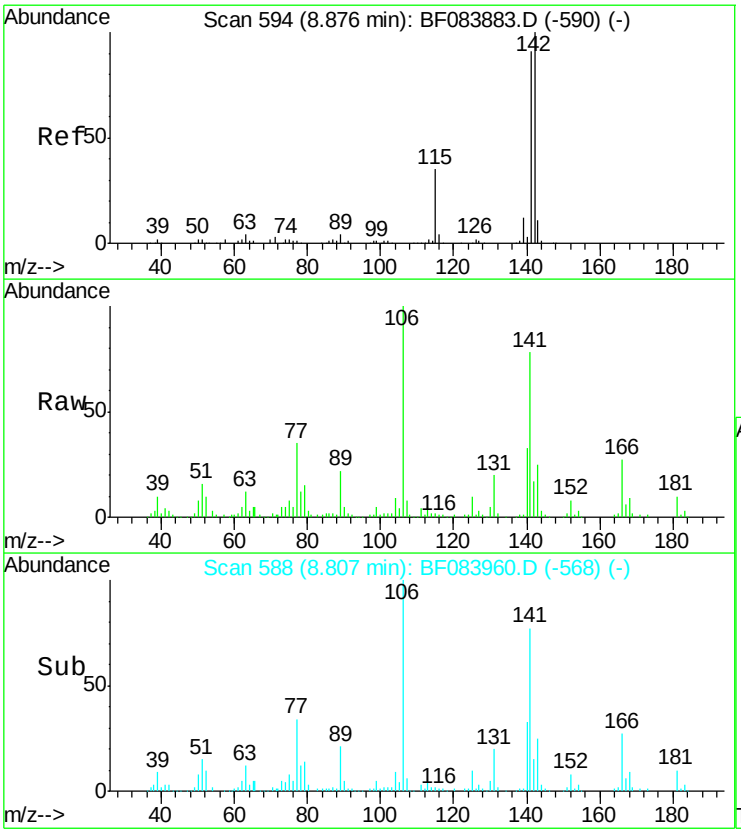
#36
4-Chloro-3-methylphenol
Concen: 2.63 ng
RT: 8.59 min Scan# 569
Delta R.T. -0.13 min
Lab File: BF083960.D
Acq: 19 Dec 2015 17:52

Instrument :
BNA_F
ClientSampleId :
POSTMIX1

Tgt Ion:107 Resp: 21943

Ion	Ratio	Lower	Upper
107	100		
144	20.0	19.7	29.5
142	66.3	61.8	92.6

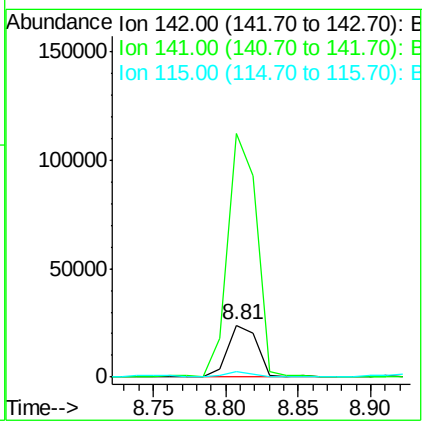


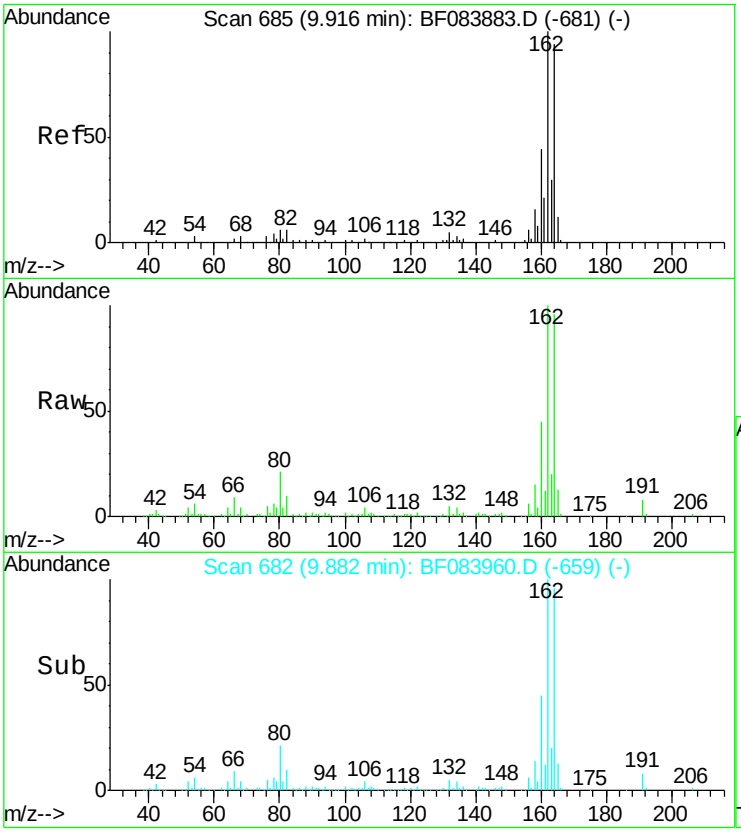


#37
2-Methylnaphthalene
Concen: 3.16 ng
RT: 8.81 min Scan# 588
Delta R.T. -0.07 min
Lab File: BF083960.D
Acq: 19 Dec 2015 17:52

Tgt Ion:142 Resp: 33918

Ion	Ratio	Lower	Upper
142	100		
141	471.1	72.4	108.6#
115	9.8	27.9	41.9#



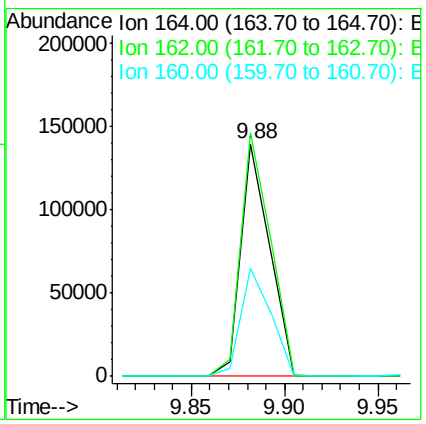


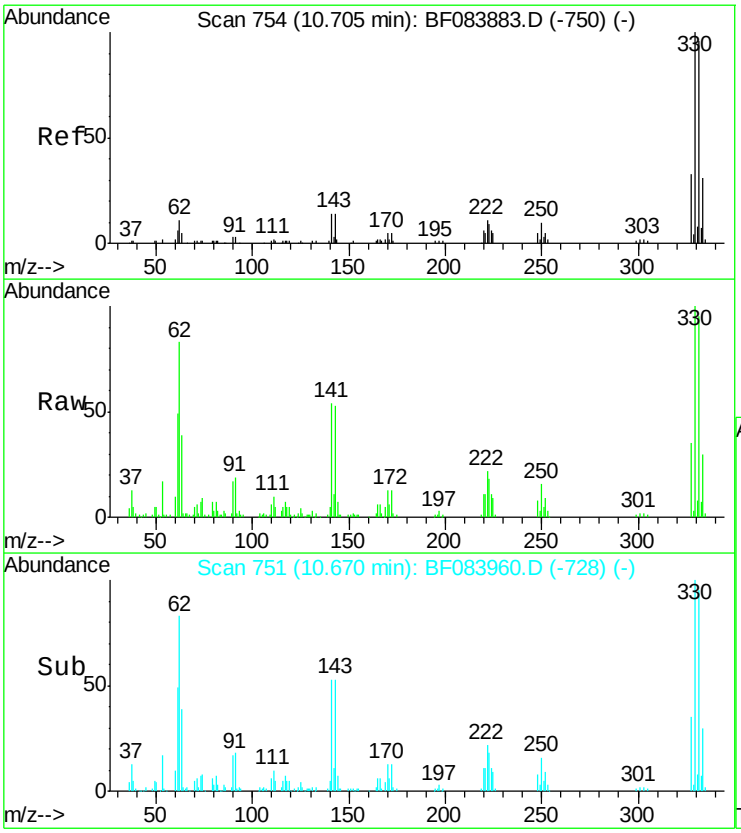
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.03 min
Lab File: BF083960.D
Acq: 19 Dec 2015 17:52

Instrument :
BNA_F
ClientSampleId :
POSTMIX1

Tgt Ion:164 Resp: 150292

Ion	Ratio	Lower	Upper
164	100		
162	104.7	85.1	127.7
160	46.6	37.5	56.3

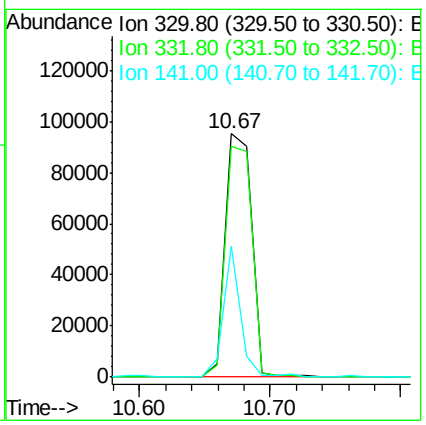


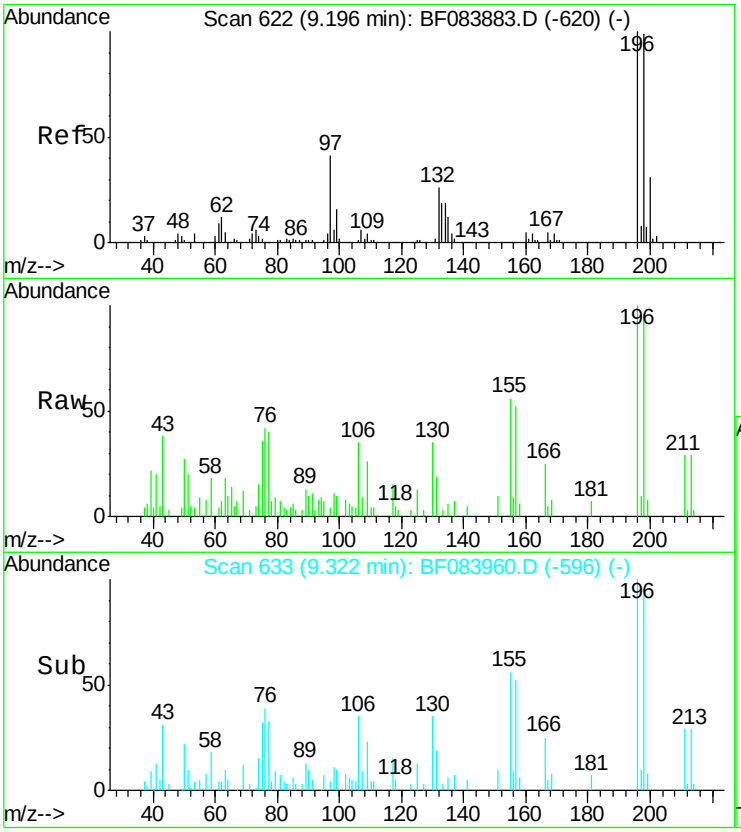


#41
2,4,6-Tribromophenol
Concen: 80.29 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.03 min
Lab File: BF083960.D
Acq: 19 Dec 2015 17:52

Tgt Ion:330 Resp: 132929

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.6	114.8
141	35.5	27.8	41.6



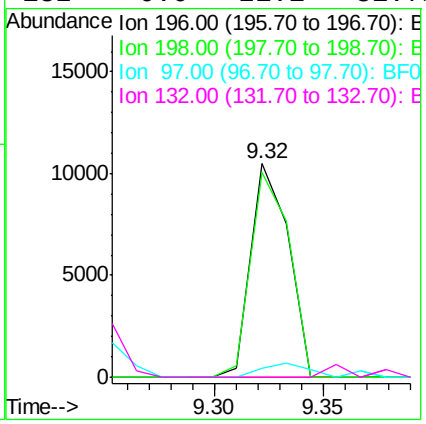


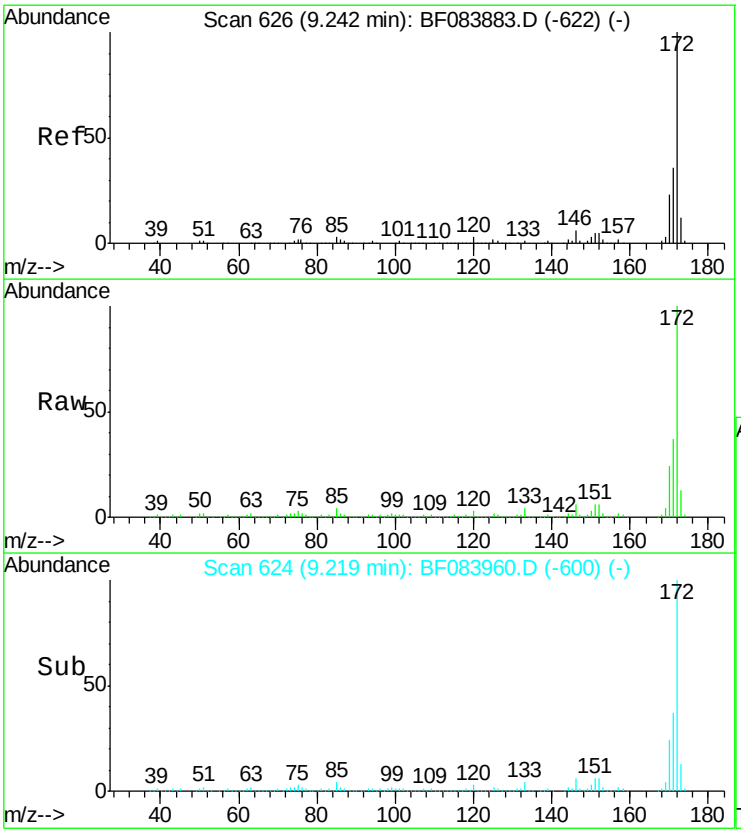
#43
2,4,5-Trichlorophenol
Concen: 4.10 ng
RT: 9.32 min Scan# 633
Delta R.T. 0.13 min
Lab File: BF083960.D
Acq: 19 Dec 2015 17:52

Instrument :
BNA_F
ClientSampleId :
POSTMIX1

Tgt Ion:196 Resp: 12695

Ion	Ratio	Lower	Upper
196	100		
198	96.0	79.0	118.6
97	4.2	33.0	49.6#
132	0.0	21.1	31.7#

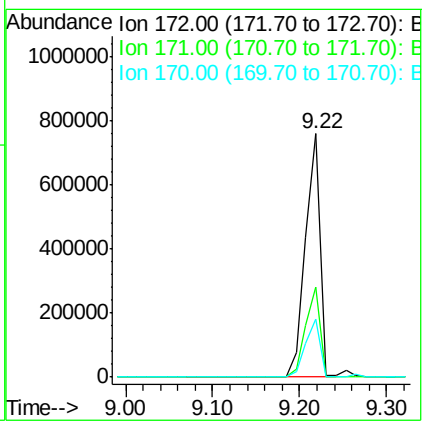


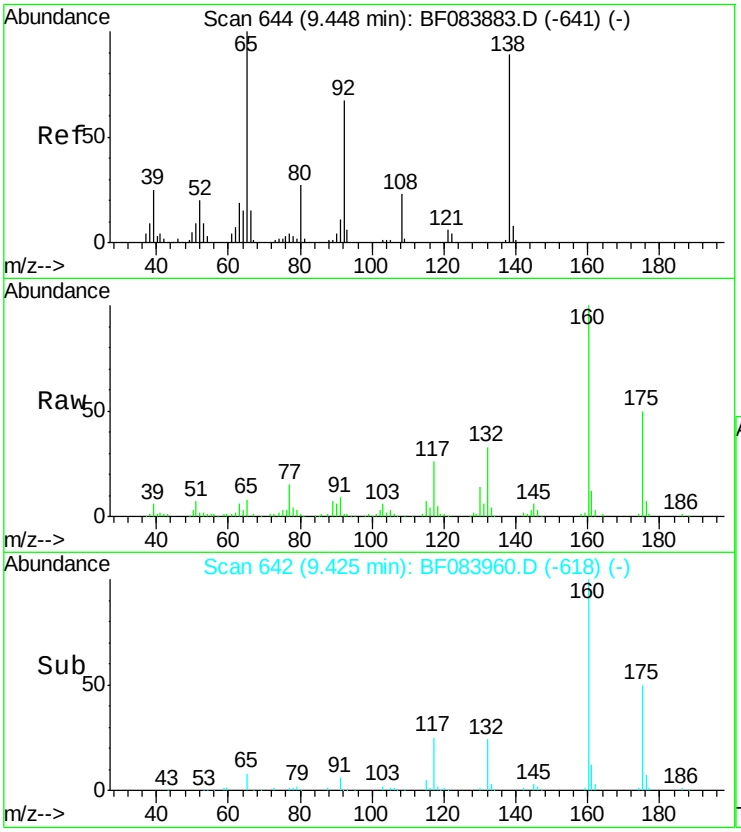


#44
2-Fluorobiphenyl
Concen: 81.78 ng
RT: 9.22 min Scan# 624
Delta R.T. -0.02 min
Lab File: BF083960.D
Acq: 19 Dec 2015 17:52

Tgt Ion:172 Resp: 880544

Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.9	43.3
170	23.9	18.6	27.8



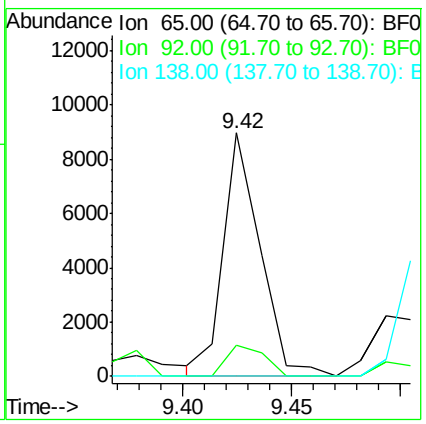


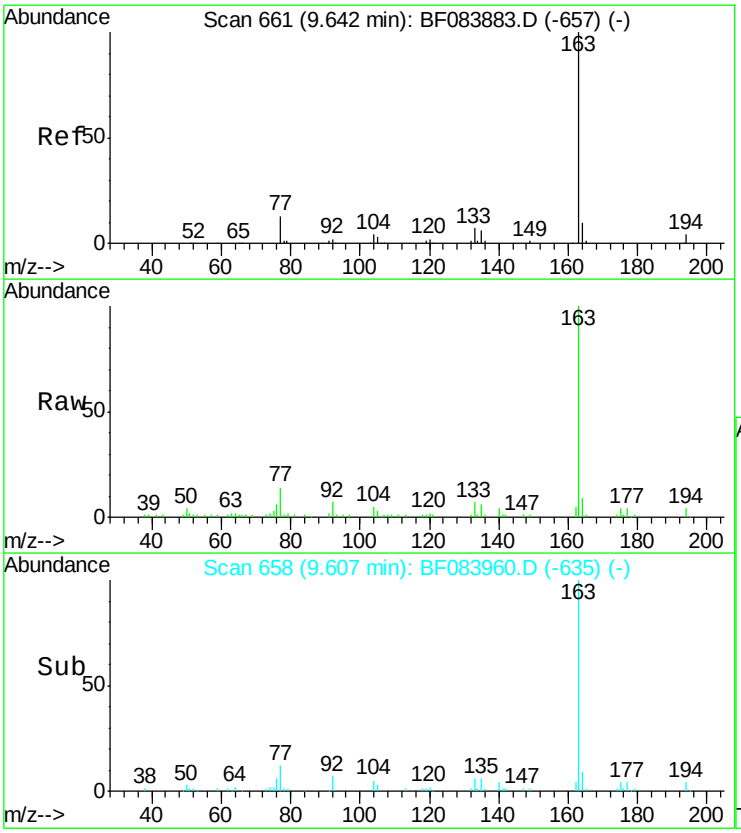
#47
2-Nitroaniline
Concen: 3.54 ng
RT: 9.42 min Scan# 642
Delta R.T. -0.02 min
Lab File: BF083960.D
Acq: 19 Dec 2015 17:52

Instrument :
BNA_F
ClientSampleId :
POSTMIX1

Tgt Ion: 65 Resp: 10520

Ion	Ratio	Lower	Upper
65	100		
92	12.8	53.4	80.2#
138	0.0	71.1	106.7#

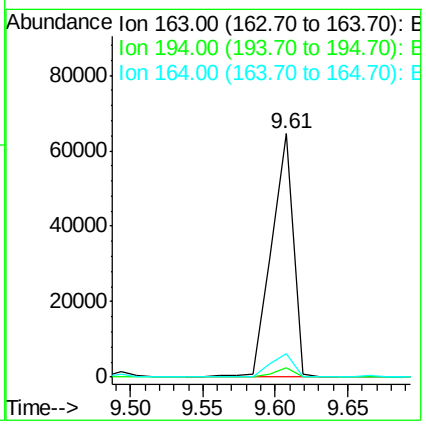


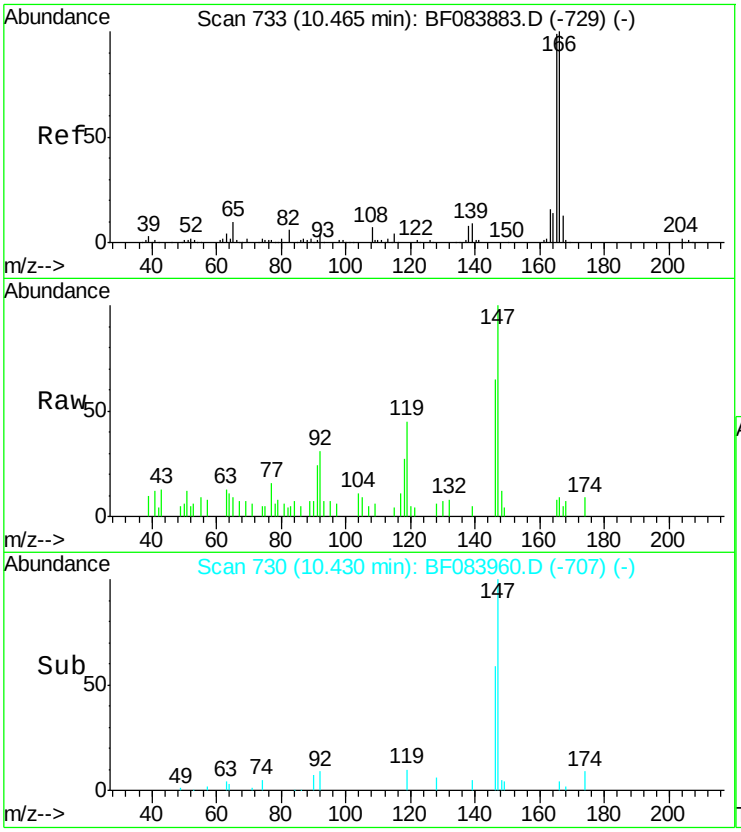


#49
Dimethylphthalate
Concen: 5.37 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.03 min
Lab File: BF083960.D
Acq: 19 Dec 2015 17:52

Tgt Ion:163 Resp: 67660

Ion	Ratio	Lower	Upper
163	100		
194	3.8	8.0	12.0#
164	9.4	8.0	12.0



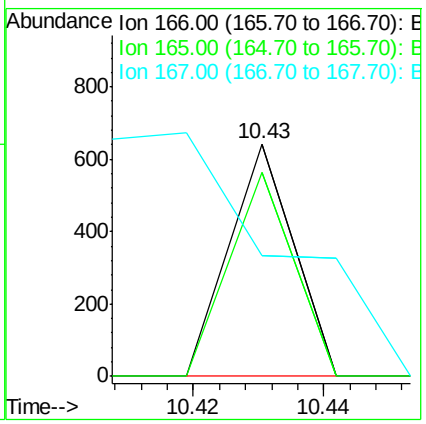


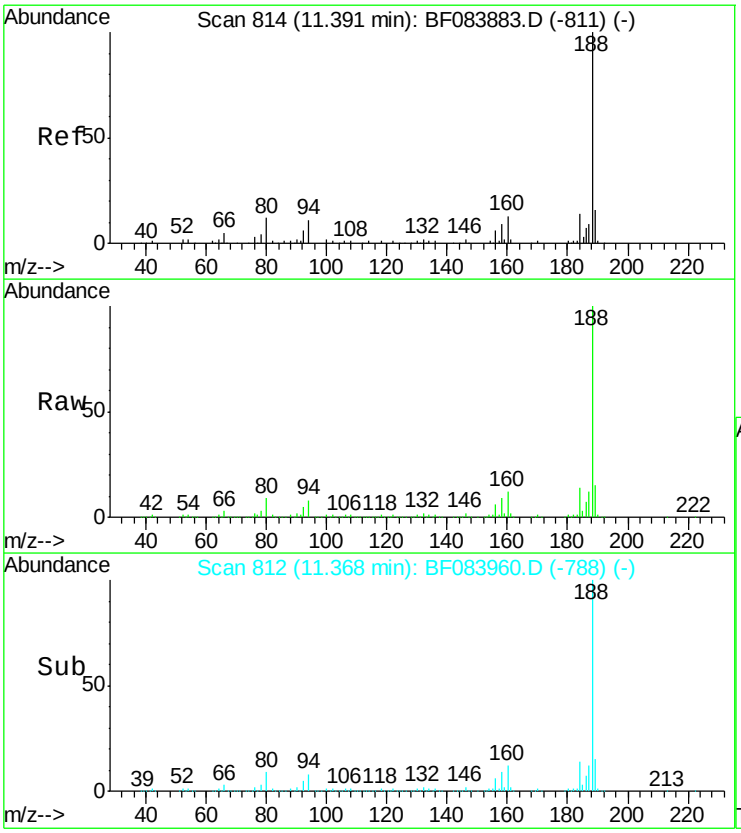
#57
Fluorene
Concen: Below Cal
RT: 10.43 min Scan# 730
Delta R.T. -0.03 min
Lab File: BF083960.D
Acq: 19 Dec 2015 17:52

Instrument :
BNA_F
ClientSampleId :
POSTMIX1

Tgt Ion:166 Resp: 440

Ion	Ratio	Lower	Upper
166	100		
165	87.5	79.1	118.7
167	52.2	10.4	15.6#

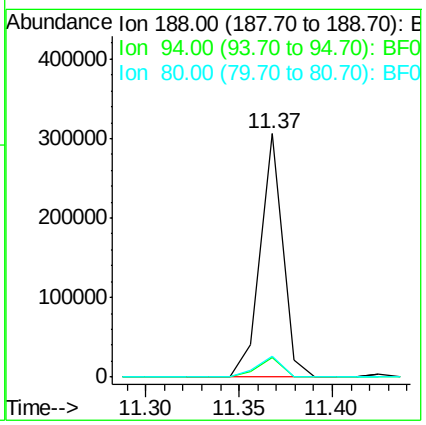


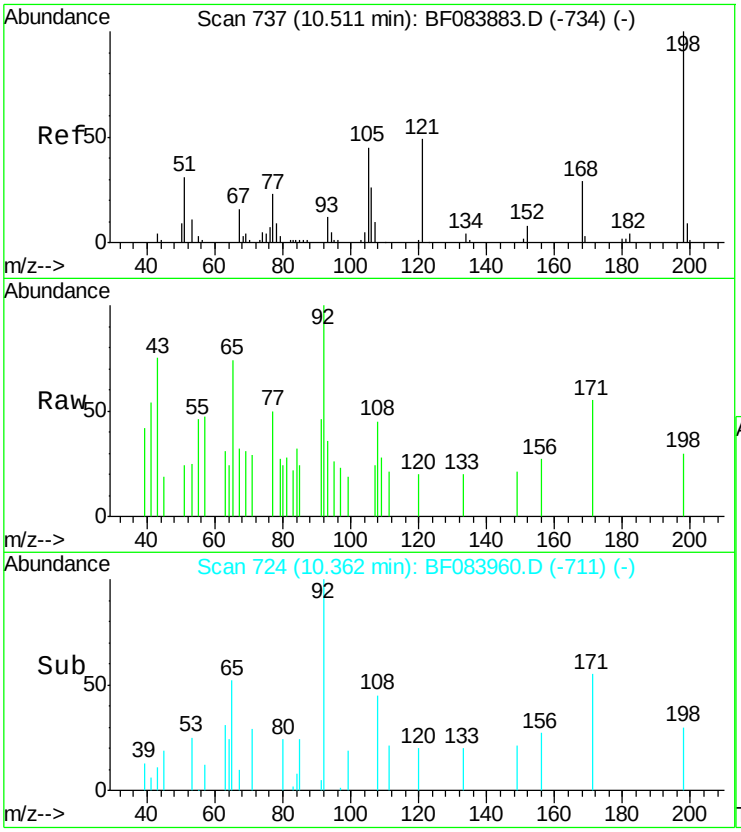


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.02 min
Lab File: BF083960.D
Acq: 19 Dec 2015 17:52

Tgt Ion:188 Resp: 253474

Ion	Ratio	Lower	Upper
188	100		
94	8.1	9.0	13.4#
80	8.6	9.6	14.4#



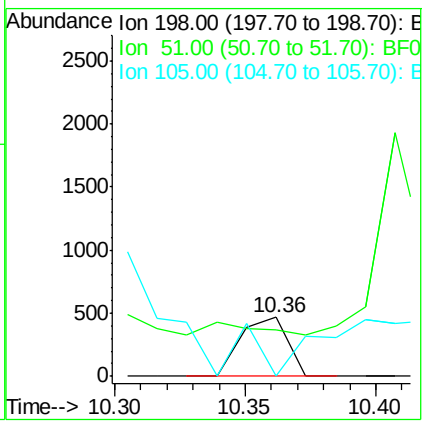


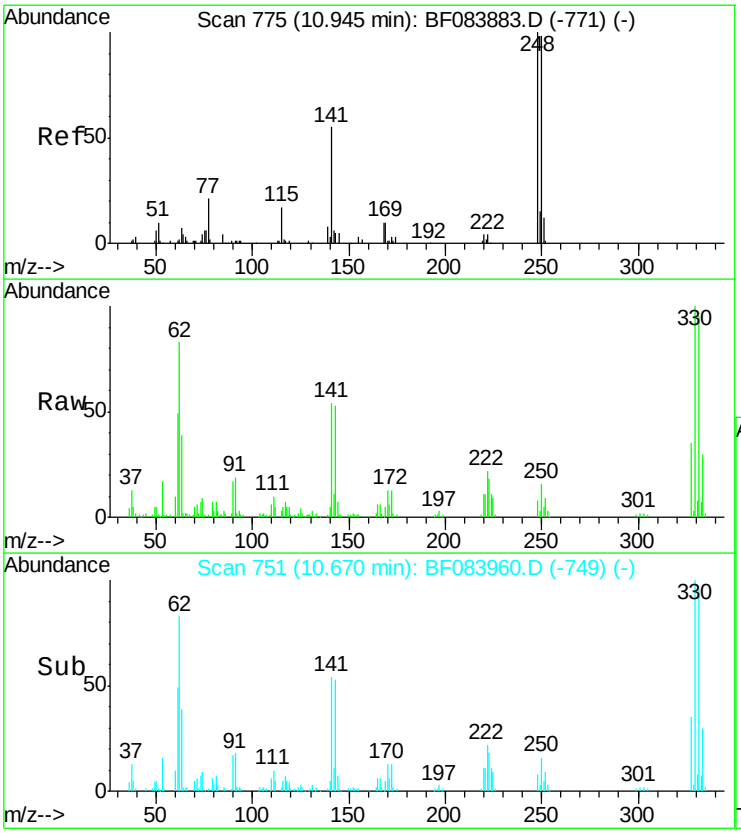
#64
4,6-Dinitro-2-methylphenol
Concen: 4.27 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.15 min
Lab File: BF083960.D
Acq: 19 Dec 2015 17:52

Instrument :
BNA_F
ClientSampleId :
POSTMIX1

Tgt Ion:198 Resp: 582

Ion	Ratio	Lower	Upper
198	100		
51	79.1	18.9	58.9#
105	0.0	26.4	66.4#

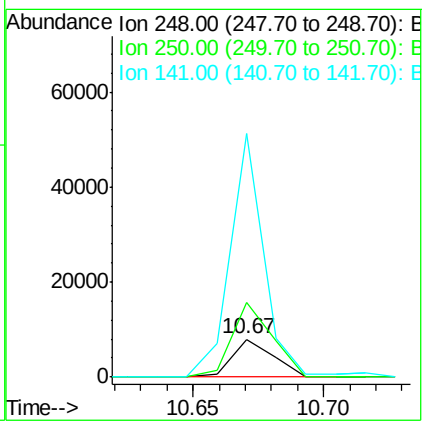


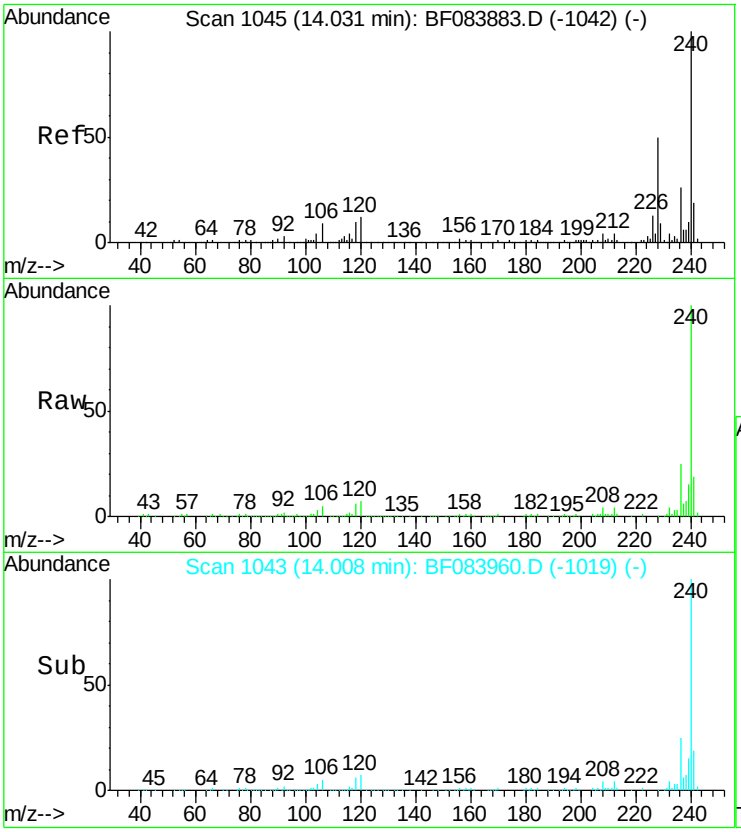


#66
4-Bromophenyl-phenylether
Concen: 2.78 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.27 min
Lab File: BF083960.D
Acq: 19 Dec 2015 17:52

Tgt Ion:248 Resp: 8616

Ion	Ratio	Lower	Upper
248	100		
250	198.0	78.4	117.6#
141	647.7	44.0	66.0#



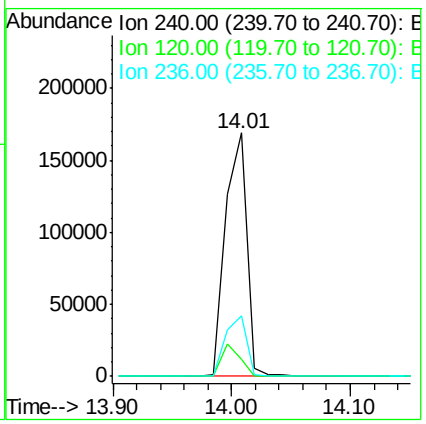


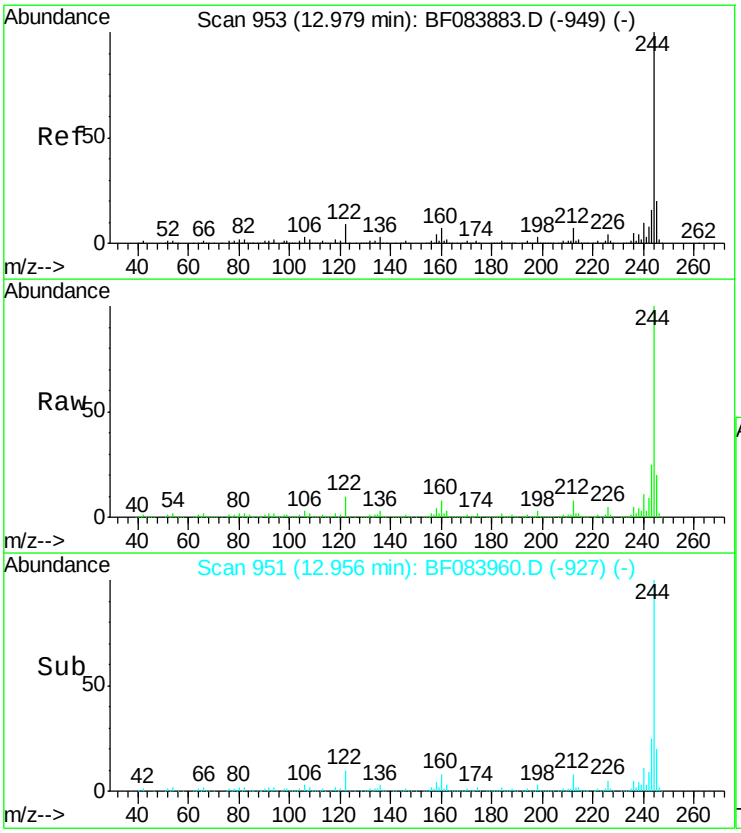
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.02 min
Lab File: BF083960.D
Acq: 19 Dec 2015 17:52

Instrument :
BNA_F
ClientSampleId :
POSTMIX1

Tgt Ion:240 Resp: 209632

Ion	Ratio	Lower	Upper
240	100		
120	6.8	9.5	14.3#
236	25.1	20.6	31.0

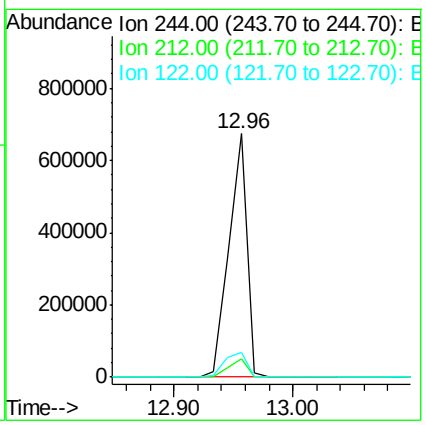


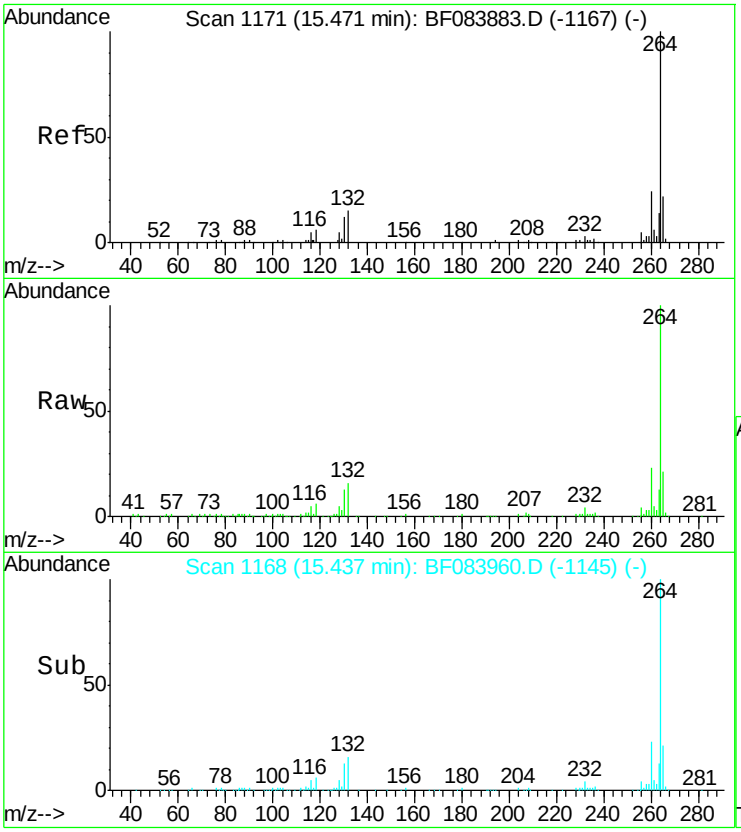


#78
Terphenyl-d14
Concen: 78.28 ng
RT: 12.96 min Scan# 951
Delta R.T. -0.02 min
Lab File: BF083960.D
Acq: 19 Dec 2015 17:52

Tgt Ion:244 Resp: 706364

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.7	8.5
122	10.3	7.4	11.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.03 min
Lab File: BF083960.D
Acq: 19 Dec 2015 17:52

Instrument :
BNA_F
ClientSampleId :
POSTMIX1

Tgt Ion:264 Resp: 152720

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.4	29.2
265	21.4	17.8	26.6