Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120815\
Data File : BF083615.D
Acq On : 9 Dec 2015 1:20
Operator : UM/IZ
Sample : G4637-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PCPY3

Quant Time: Dec 09 03:12:24 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 00:23:35 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.70	152	165121	20.00	ng		0.00
21) Naphthalene-d8	7.60	136	611460	20.00	ng		-0.01
38) Acenaphthene-d10	10.38	164	291218	20.00	ng		0.00
63) Phenanthrene-d10	12.77	188	465736	20.00	ng		-0.01
75) Chrysene-d12	16.99	240	304112	20.00	ng		0.00
86) Perylene-d12	18.63	264	289235	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	3.98	112	1266639	116.35	ng		0.01
7) Phenol-d6	5.28	99	1748023	120.17	ng		0.00
23) Nitrobenzene-d5	6.52	82	1097123	83.72	ng		-0.01
41) 2,4,6-Tribromophenol	11.68	330	295432	113.87	ng		-0.01
44) 2-Fluorobiphenyl	9.34	172	1566387	75.70	ng		0.00
78) Terphenyl-d14	15.40	244	889797	68.84	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	6.52	70	140109	13.80	ng	#	79
49) Dimethylphthalate	10.03	163	392092	16.91	ng		96
51) Acenaphthene	10.43	154	44275	2.45	ng		99
55) 4-Nitrophenol	10.73	139	8580	3.83	ng	#	5
57) Fluorene	11.28	166	46092	2.11	ng		99
64) 4,6-Dinitro-2-methylphenol	11.68	198	695	2.16	ng	#	1
70) Phenanthrene	12.82	178	695022	25.97	ng		100
71) Anthracene	12.90	178	162173	5.85	ng		95
72) Carbazole	13.22	167	77219	3.25	ng		99
74) Fluoranthene	14.74	202	967808	35.35	ng		96
77) Pyrene	15.09	202	810640	37.02	ng	#	94
79) Butylbenzylphthalate	16.24	149	22432	2.31	ng		95
80) Benzo(a)anthracene	17.03	228	320087	17.98	ng		96
82) Chrysene	17.03	228	321165	18.00	ng		98
83) Bis(2-ethylhexyl)phthalate	17.08	149	92921	6.89	ng	#	94
85) Indeno(1,2,3-cd)pyrene	19.87	276	176697	14.67	ng	#	100
87) Benzo(b)fluoranthene	18.25	252	611476	37.13	ng		98
88) Benzo(k)fluoranthene	18.25	252	611476	33.69	ng		97
89) Benzo(a)pyrene	18.52	252	222291	13.83	ng		100
90) Dibenzo(a,h)anthracene	19.87	278	58210	4.74	ng	#	85
91) Benzo(g,h,i)perylene	20.24	276	157321	13.13	ng		96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120815\
Data File : BF083615.D
Acq On : 9 Dec 2015 1:20
Operator : UM/IZ
Sample : G4637-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
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PCPY3

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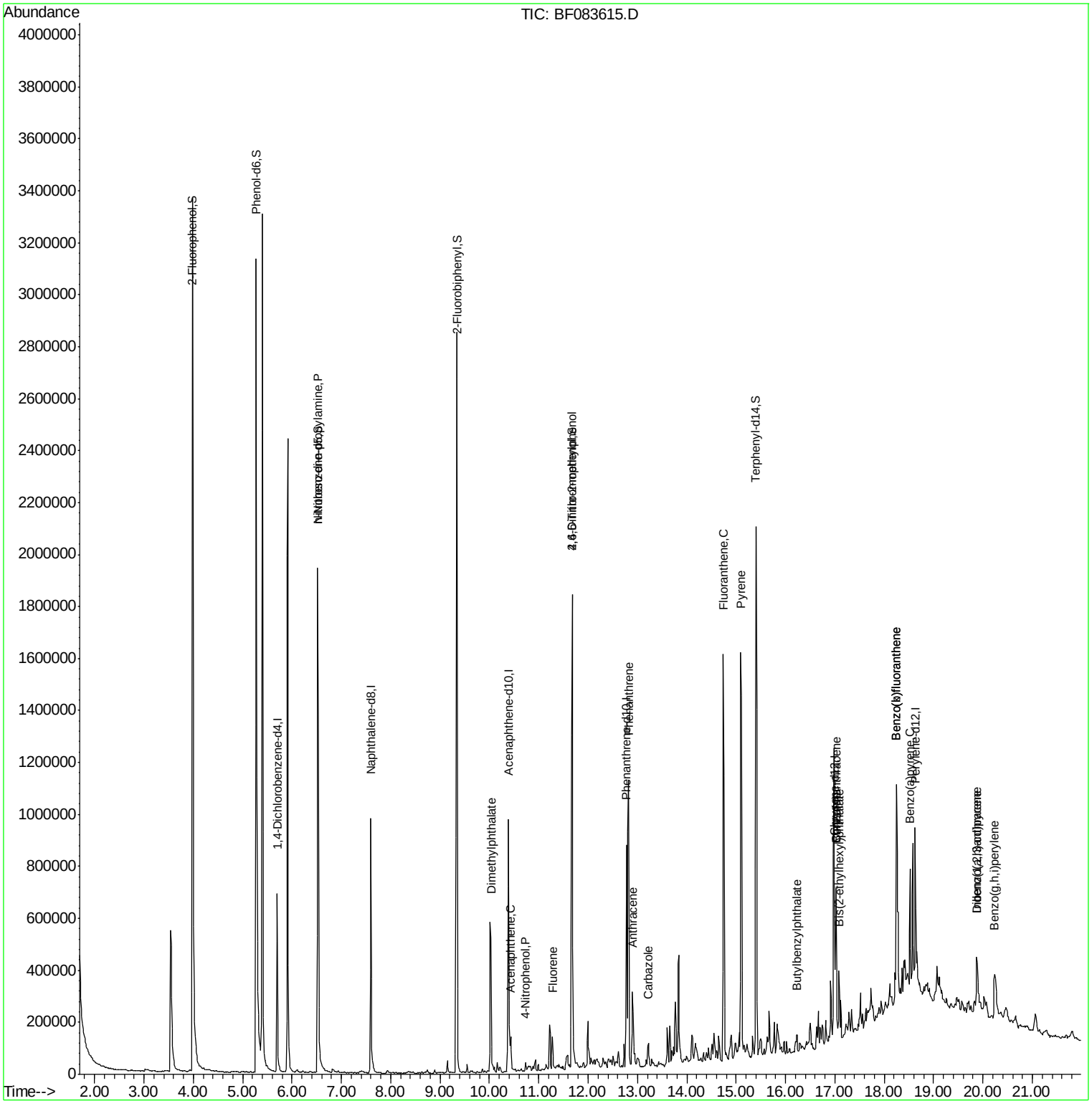
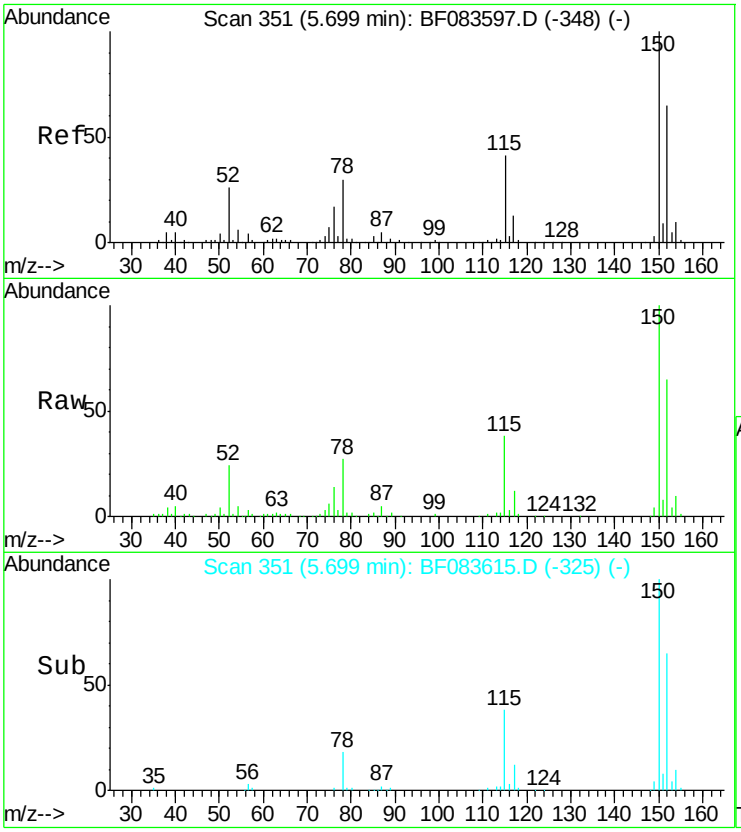


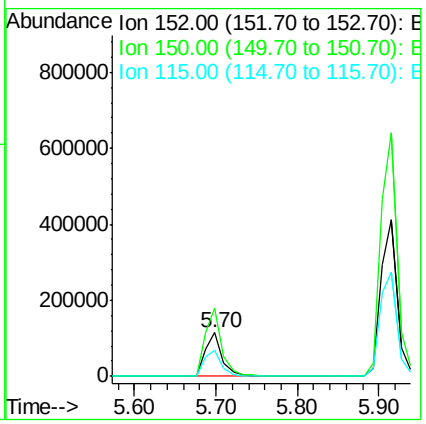


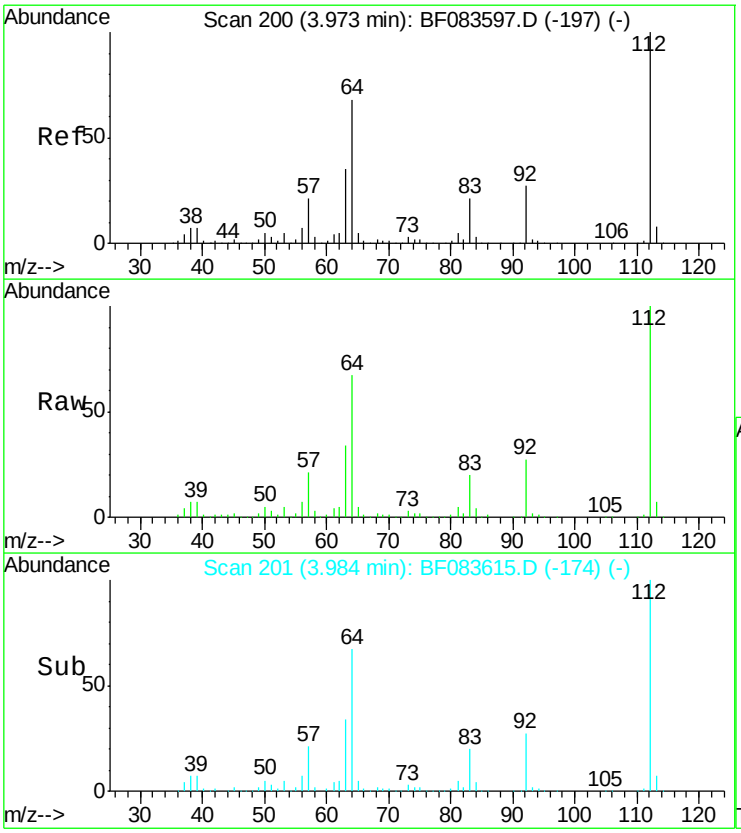
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.70 min Scan# 351
Delta R.T. 0.00 min
Lab File: BF083615.D
Acq: 9 Dec 2015 1:20

Instrument :
BNA_F
ClientSampleId :
PCPY3

Tgt Ion:152 Resp: 165121

Ion	Ratio	Lower	Upper
152	100		
150	154.8	126.5	189.7
115	59.6	52.3	78.5

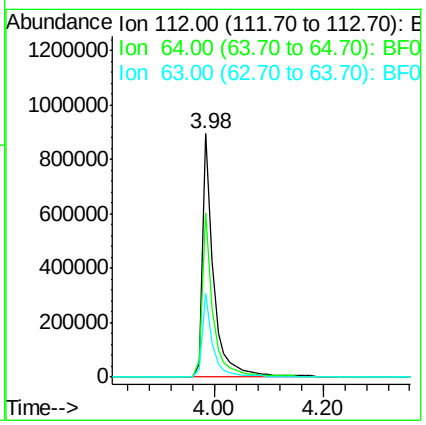


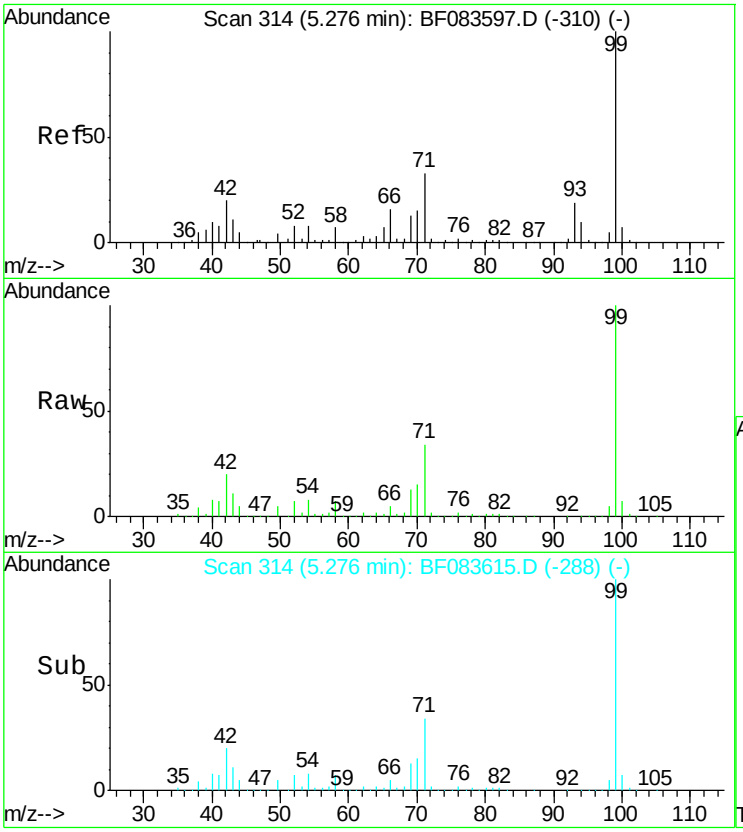


#5
2-Fluorophenol
Concen: 116.35 ng
RT: 3.98 min Scan# 201
Delta R.T. 0.01 min
Lab File: BF083615.D
Acq: 9 Dec 2015 1:20

Tgt Ion:112 Resp: 1266639

Ion	Ratio	Lower	Upper
112	100		
64	67.5	50.5	75.7
63	34.3	25.8	38.6



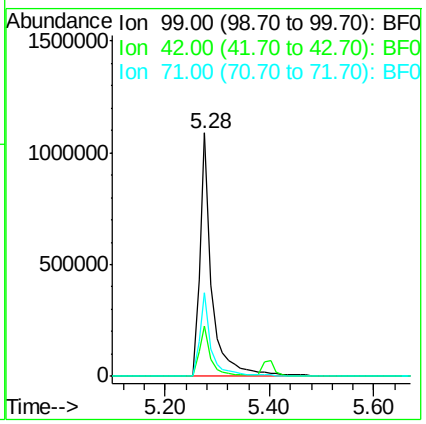


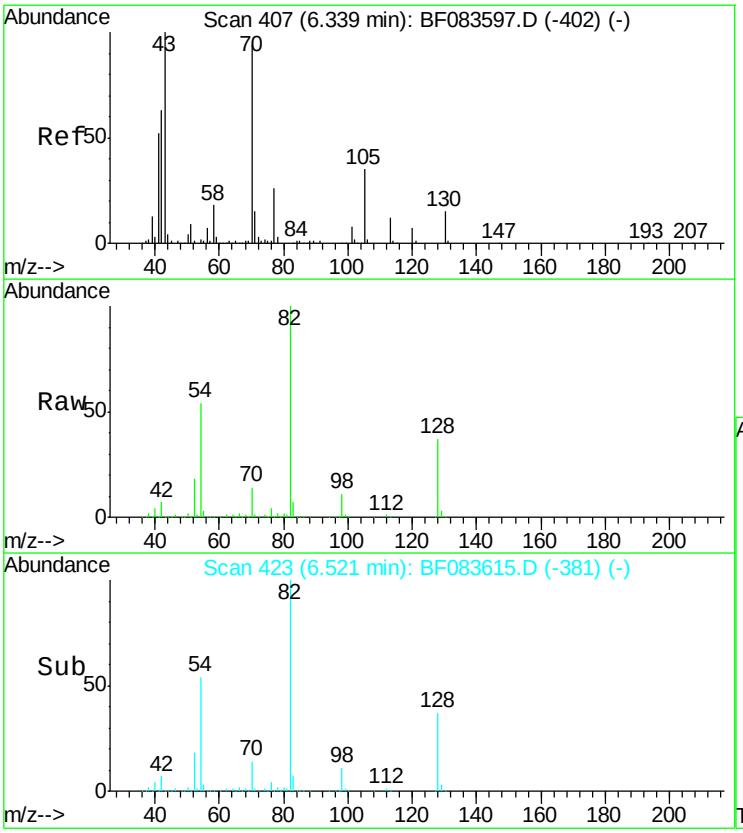
#7
Phenol-d6
Concen: 120.17 ng
RT: 5.28 min Scan# 314
Delta R.T. 0.00 min
Lab File: BF083615.D
Acq: 9 Dec 2015 1:20

Instrument :
BNA_F
ClientSampleId :
PCPY3

Tgt Ion: 99 Resp: 1748023

Ion	Ratio	Lower	Upper
99	100		
42	20.5	17.3	25.9
71	34.4	26.6	40.0

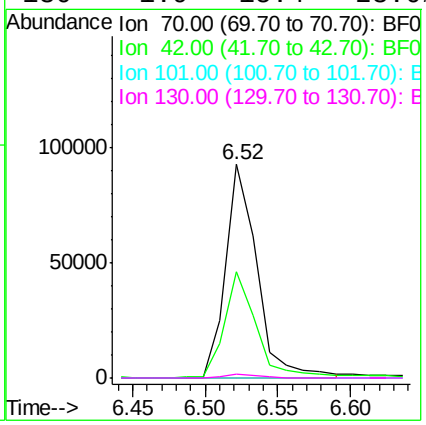


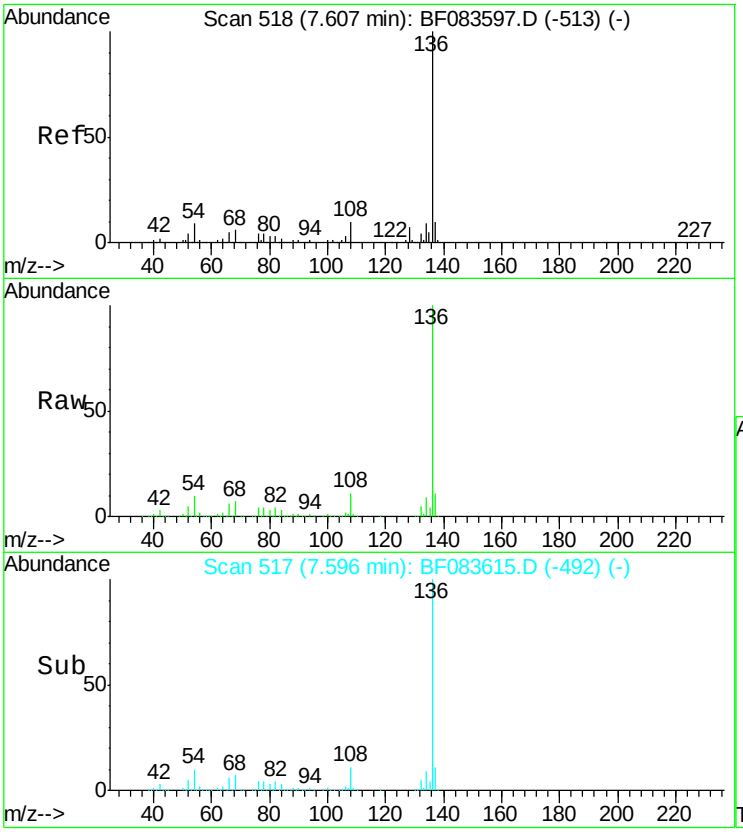


#19
n-Nitroso-di-n-propylamine
Concen: 13.80 ng
RT: 6.52 min Scan# 423
Delta R.T. 0.18 min
Lab File: BF083615.D
Acq: 9 Dec 2015 1:20

Tgt Ion: 70 Resp: 140109

Ion	Ratio	Lower	Upper
70	100		
42	49.7	49.2	73.8
101	0.0	7.1	10.7#
130	1.9	15.4	23.0#



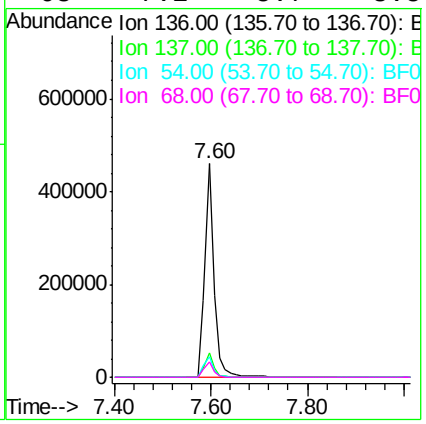


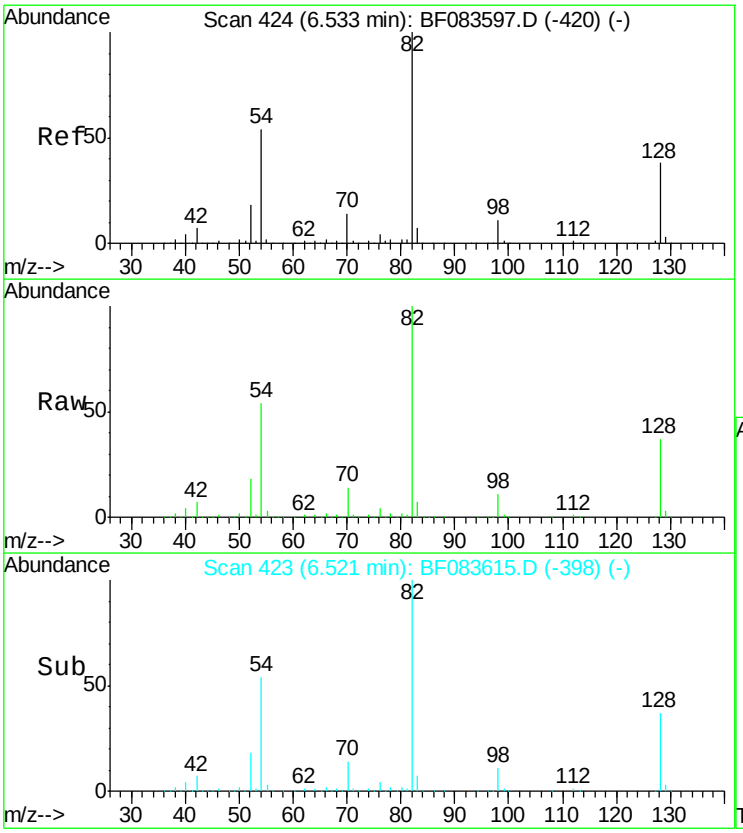
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.60 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF083615.D
Acq: 9 Dec 2015 1:20

Instrument :
BNA_F
ClientSampleId :
PCPY3

Tgt Ion:136 Resp: 611460

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	9.8	7.8	11.6
68	7.2	5.7	8.5

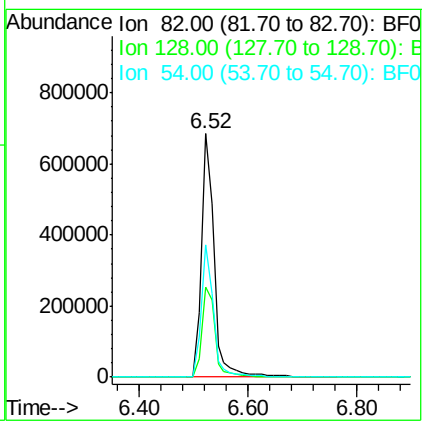


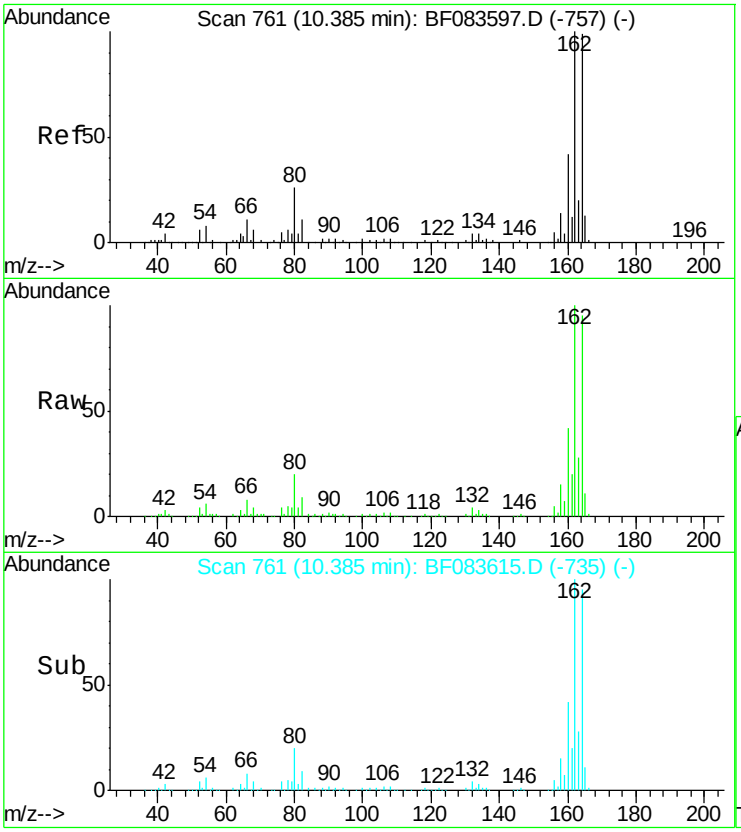


#23
Nitrobenzene-d5
Concen: 83.72 ng
RT: 6.52 min Scan# 423
Delta R.T. -0.01 min
Lab File: BF083615.D
Acq: 9 Dec 2015 1:20

Tgt Ion: 82 Resp: 1097123

Ion	Ratio	Lower	Upper
82	100		
128	36.9	30.7	46.1
54	54.3	42.5	63.7



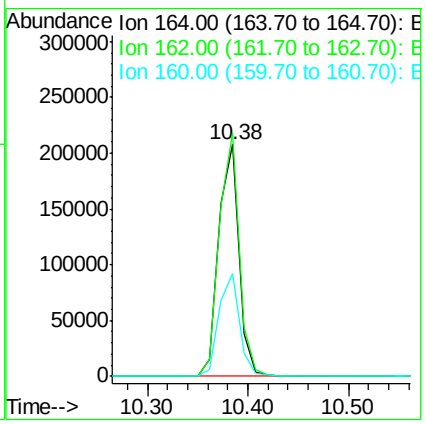


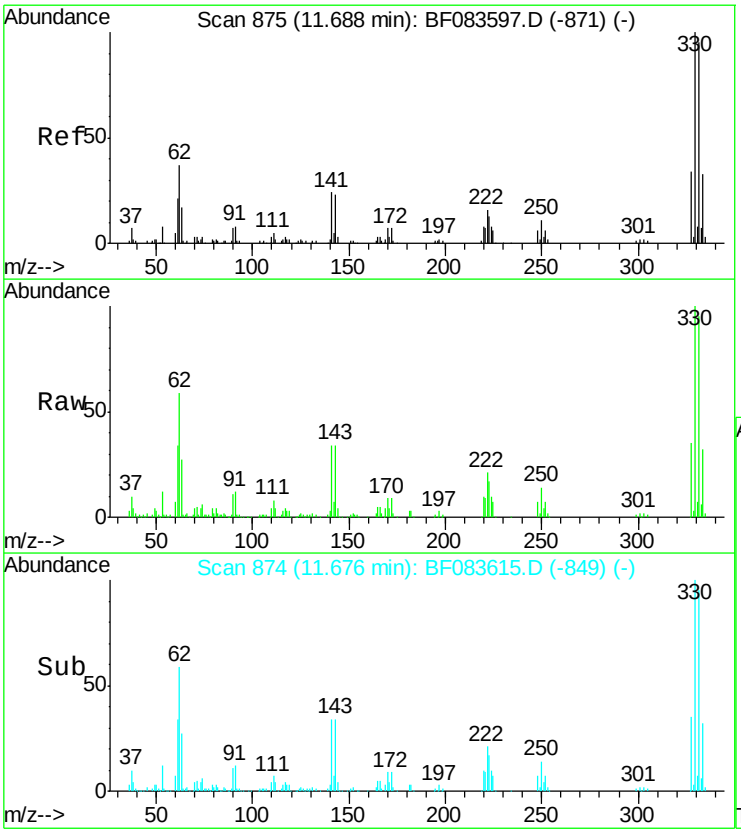
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.38 min Scan# 761
Delta R.T. 0.00 min
Lab File: BF083615.D
Acq: 9 Dec 2015 1:20

Instrument :
BNA_F
ClientSampleId :
PCPY3

Tgt Ion:164 Resp: 291218

Ion	Ratio	Lower	Upper
164	100		
162	104.9	78.8	118.2
160	44.5	33.4	50.2

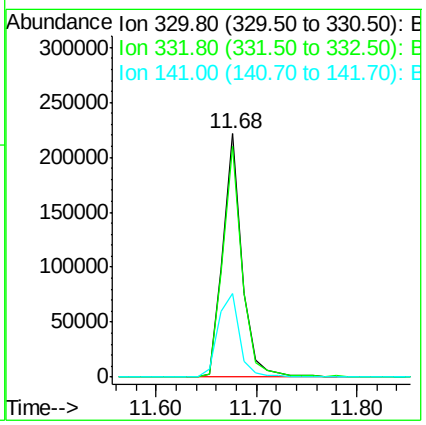


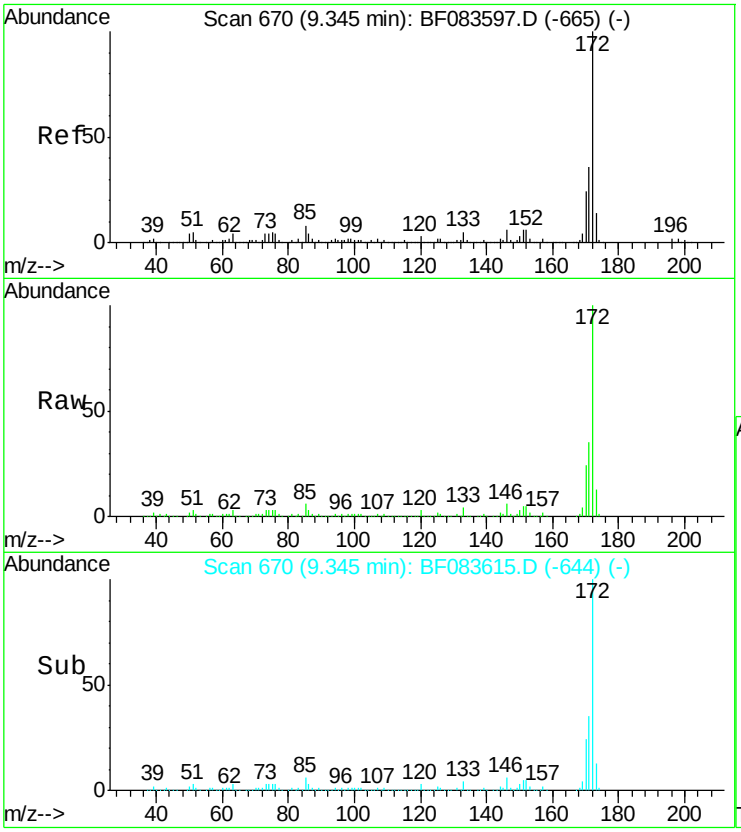


#41
2,4,6-Tribromophenol
Concen: 113.87 ng
RT: 11.68 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF083615.D
Acq: 9 Dec 2015 1:20

Tgt Ion:330 Resp: 295432

Ion	Ratio	Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	39.1	0.0	0.0#



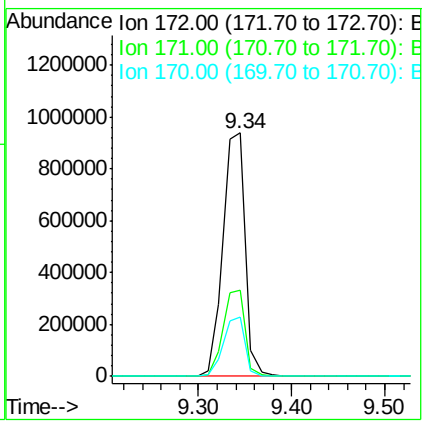


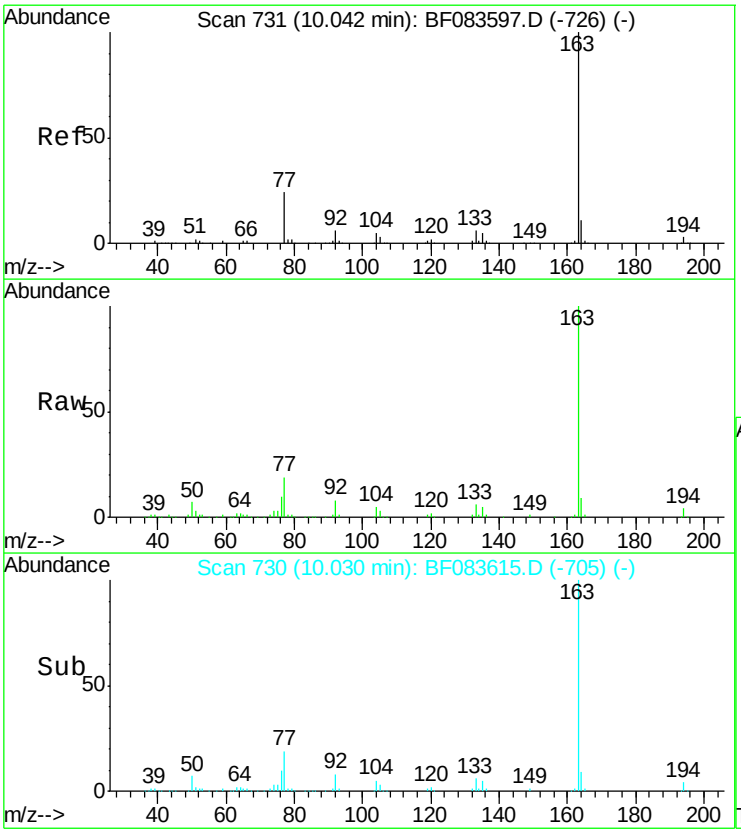
#44
2-Fluorobiphenyl
Concen: 75.70 ng
RT: 9.34 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF083615.D
Acq: 9 Dec 2015 1:20

Instrument :
BNA_F
ClientSampleId :
PCPY3

Tgt Ion:172 Resp: 1566387

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	42.8
170	24.2	19.4	29.0

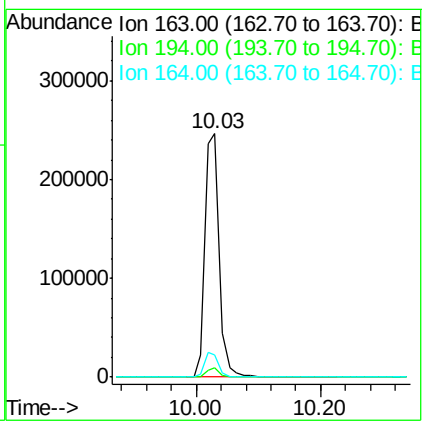


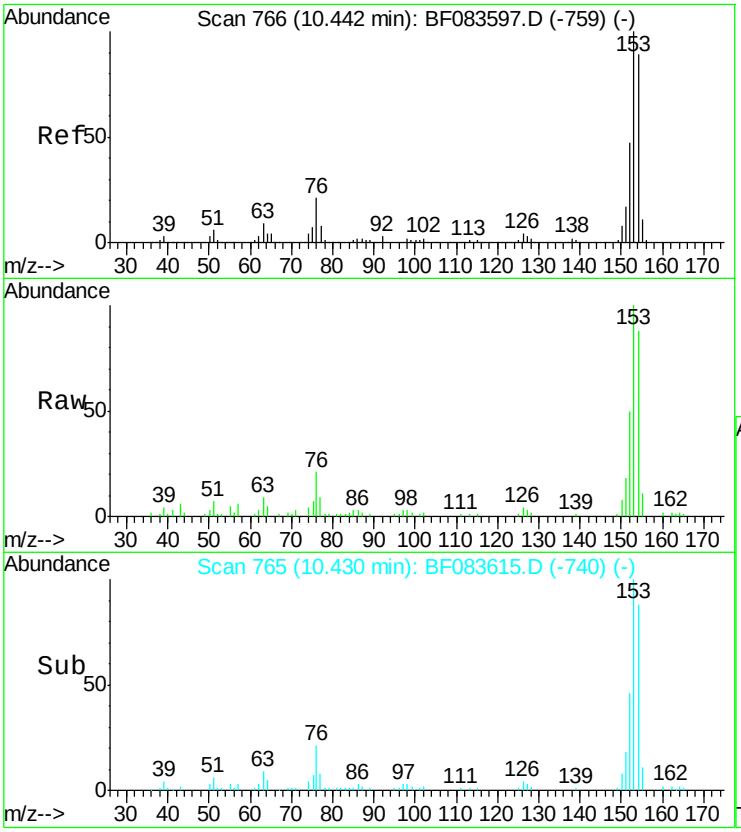


#49
Dimethylphthalate
Concen: 16.91 ng
RT: 10.03 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF083615.D
Acq: 9 Dec 2015 1:20

Tgt Ion:163 Resp: 392092

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.8	4.2
164	9.0	8.6	13.0



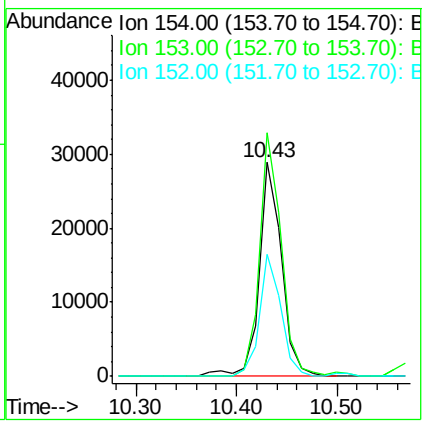


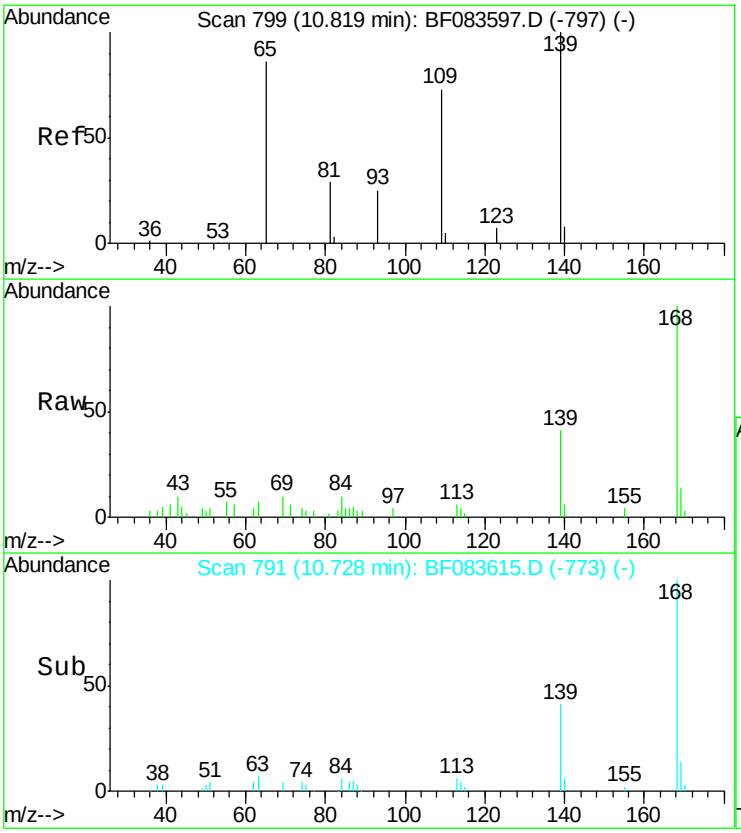
#51
Acenaphthene
Concen: 2.45 ng
RT: 10.43 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF083615.D
Acq: 9 Dec 2015 1:20

Instrument :
BNA_F
ClientSampleId :
PCPY3

Tgt Ion:154 Resp: 44275

Ion	Ratio	Lower	Upper
154	100		
153	113.7	91.4	137.0
152	56.8	43.4	65.2

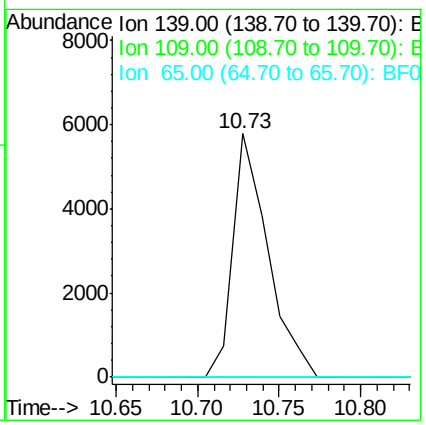


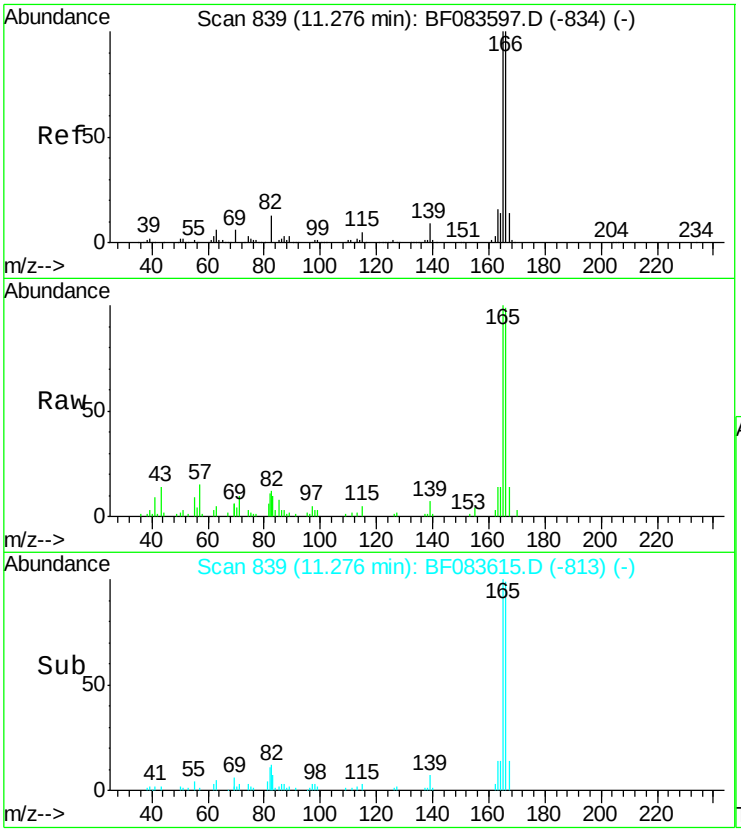


#55
4-Nitrophenol
Concen: 3.83 ng
RT: 10.73 min Scan# 791
Delta R.T. -0.09 min
Lab File: BF083615.D
Acq: 9 Dec 2015 1:20

Tgt Ion:139 Resp: 8580

Ion	Ratio	Lower	Upper
139	100		
109	0.0	42.0	82.0#
65	0.0	89.2	129.2#



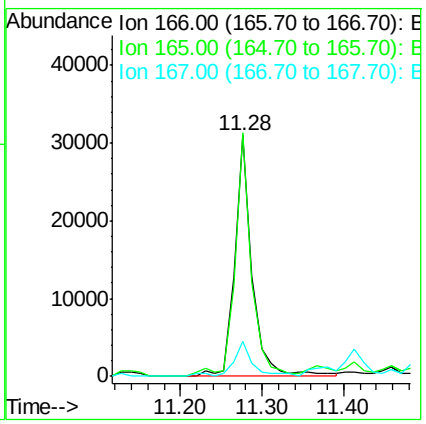


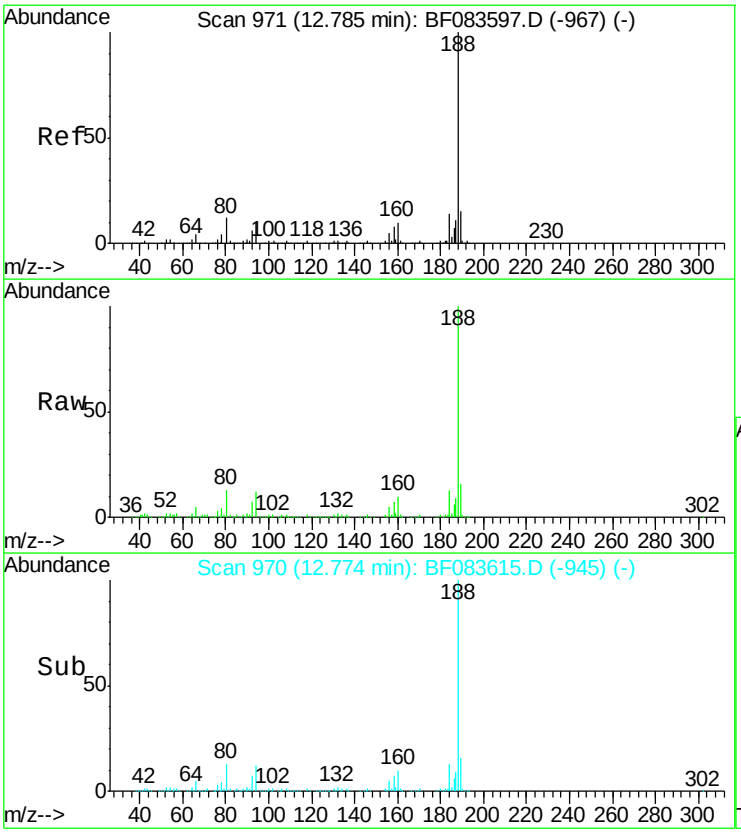
#57
Fluorene
Concen: 2.11 ng
RT: 11.28 min Scan# 839
Delta R.T. 0.00 min
Lab File: BF083615.D
Acq: 9 Dec 2015 1:20

Instrument :
BNA_F
ClientSampleId :
PCPY3

Tgt Ion:166 Resp: 46092

Ion	Ratio	Lower	Upper
166	100		
165	101.0	80.0	120.0
167	14.5	10.6	16.0

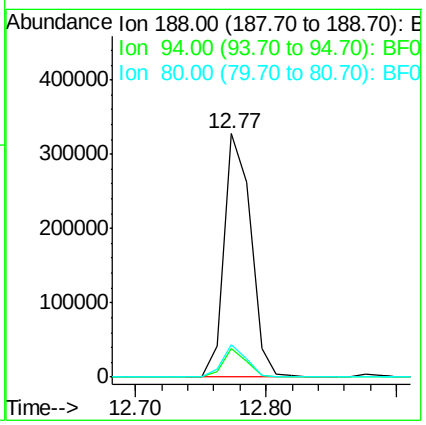


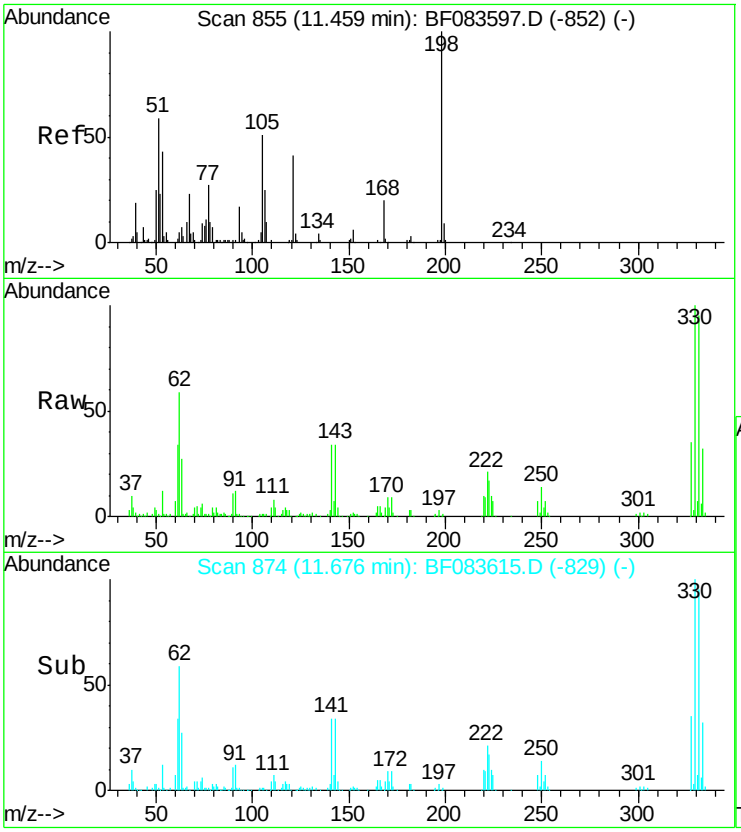


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.77 min Scan# 970
Delta R.T. -0.01 min
Lab File: BF083615.D
Acq: 9 Dec 2015 1:20

Tgt Ion:188 Resp: 465736

Ion	Ratio	Lower	Upper
188	100		
94	11.8	9.4	14.2
80	13.3	10.6	16.0



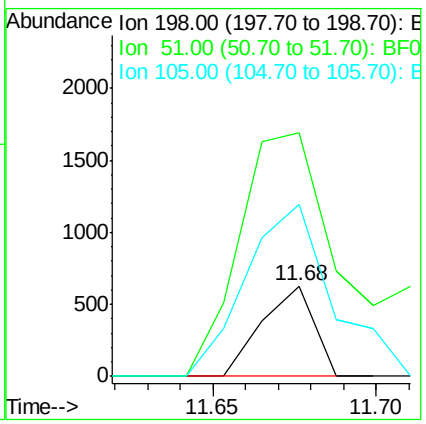


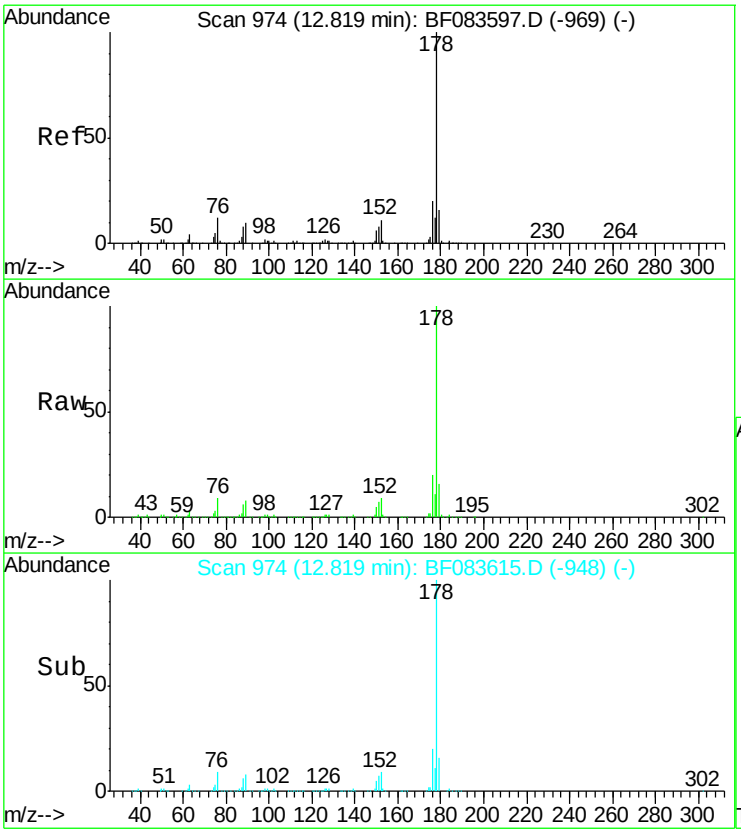
#64
4,6-Dinitro-2-methylphenol
Concen: 2.16 ng
RT: 11.68 min Scan# 874
Delta R.T. 0.22 min
Lab File: BF083615.D
Acq: 9 Dec 2015 1:20

Instrument :
BNA_F
ClientSampleId :
PCPY3

Tgt Ion:198 Resp: 695

Ion	Ratio	Lower	Upper
198	100		
51	269.3	53.8	93.8#
105	190.0	38.6	78.6#

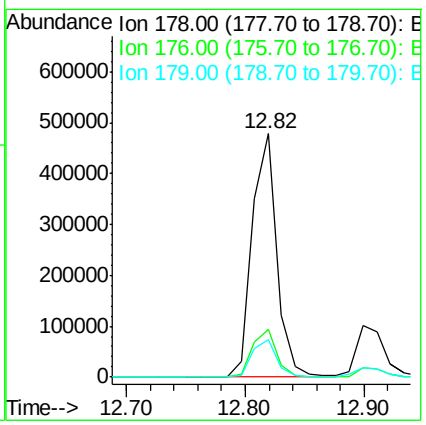


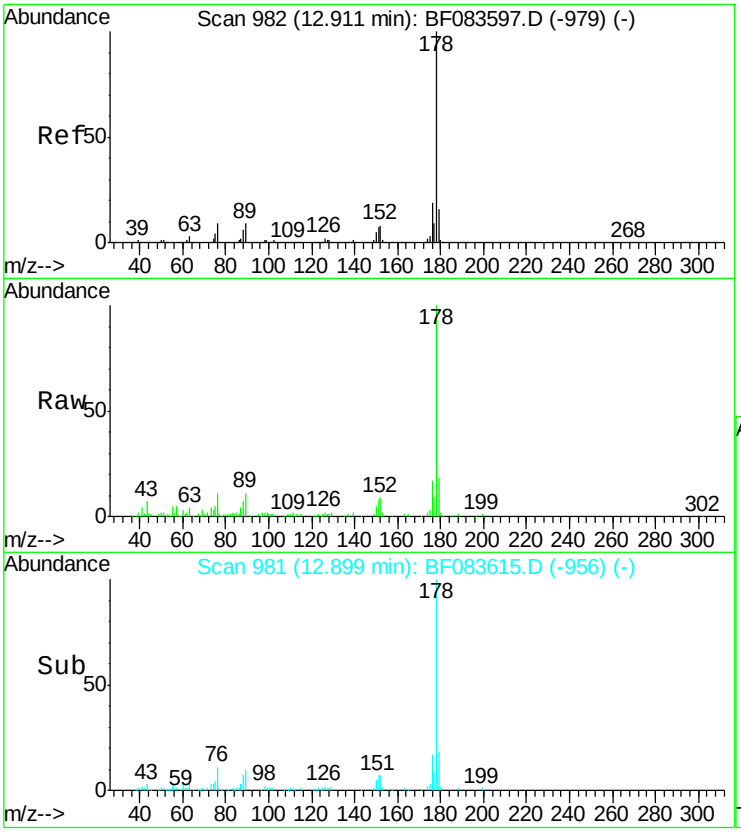


#70
Phenanthrene
Concen: 25.97 ng
RT: 12.82 min Scan# 974
Delta R.T. 0.00 min
Lab File: BF083615.D
Acq: 9 Dec 2015 1:20

Tgt Ion:178 Resp: 695022

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.7	23.5
179	15.5	12.2	18.4



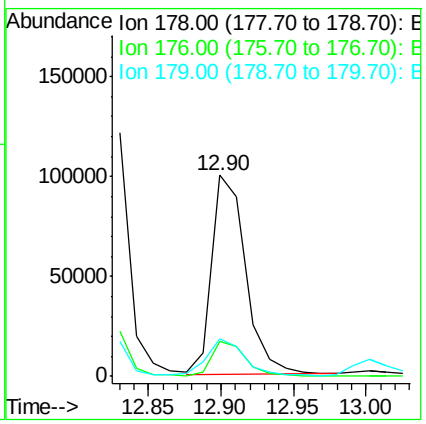


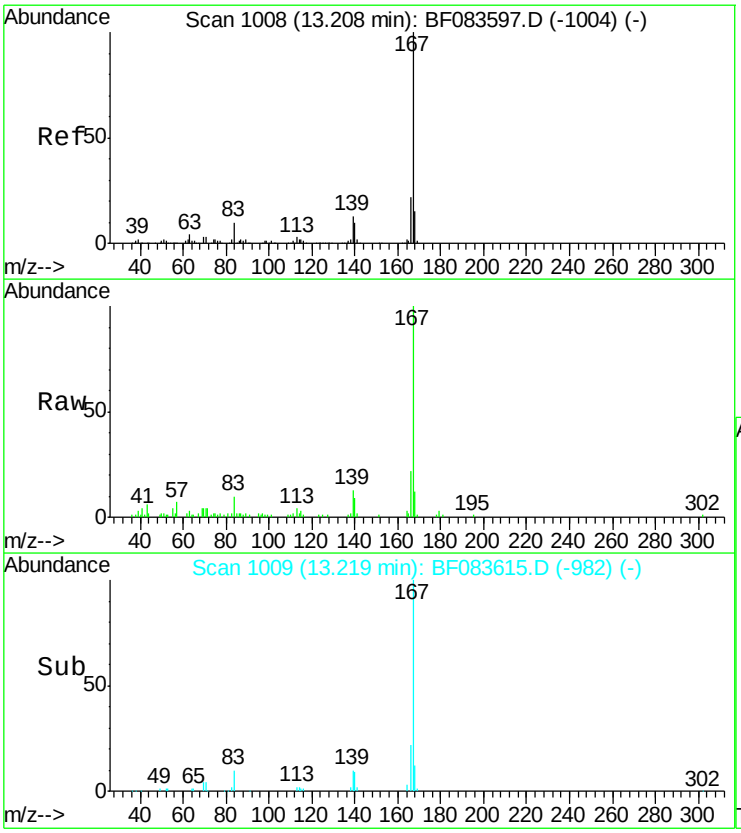
#71
Anthracene
Concen: 5.85 ng
RT: 12.90 min Scan# 981
Delta R.T. -0.01 min
Lab File: BF083615.D
Acq: 9 Dec 2015 1:20

Instrument :
BNA_F
ClientSampleId :
PCPY3

Tgt Ion:178 Resp: 162173

Ion	Ratio	Lower	Upper
178	100		
176	17.3	15.2	22.8
179	18.4	12.6	18.8

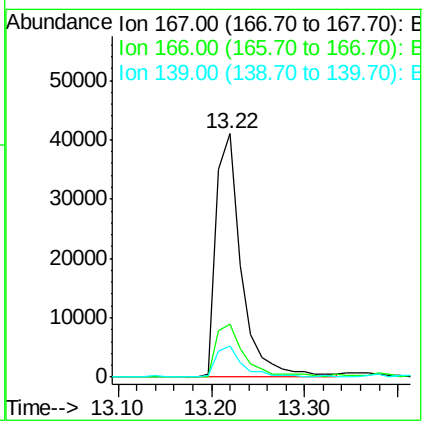


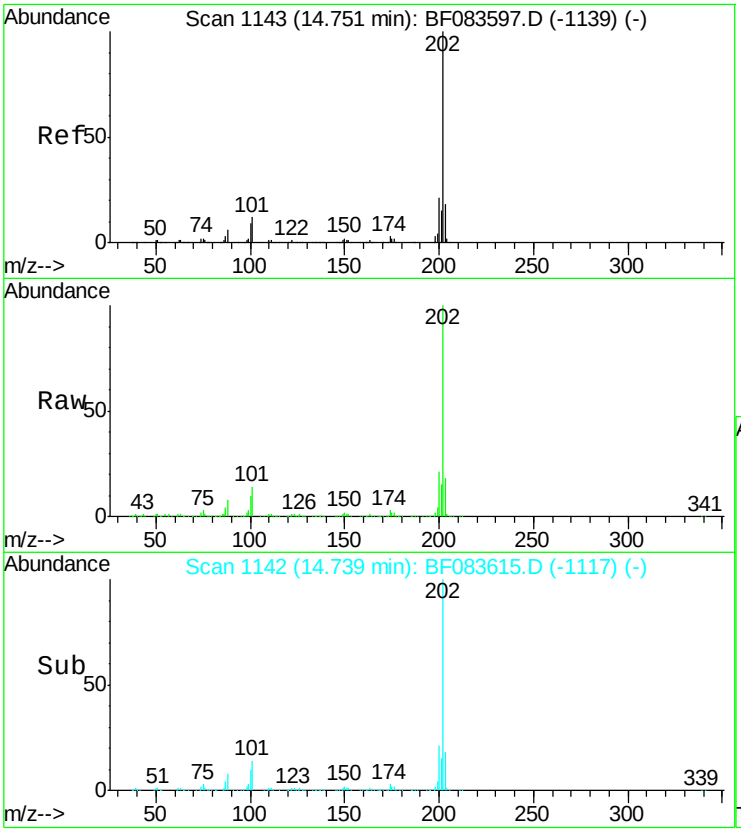


#72
Carbazole
Concen: 3.25 ng
RT: 13.22 min Scan# 1009
Delta R.T. 0.01 min
Lab File: BF083615.D
Acq: 9 Dec 2015 1:20

Tgt Ion:167 Resp: 77219

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.2	25.8
139	13.0	9.3	13.9



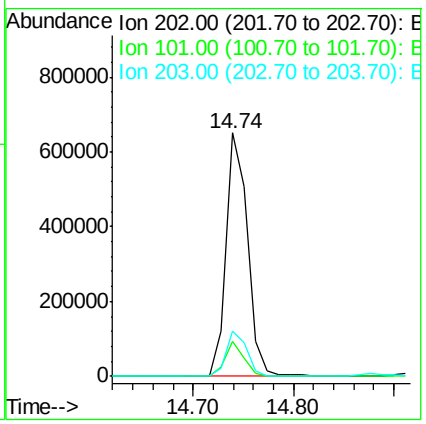


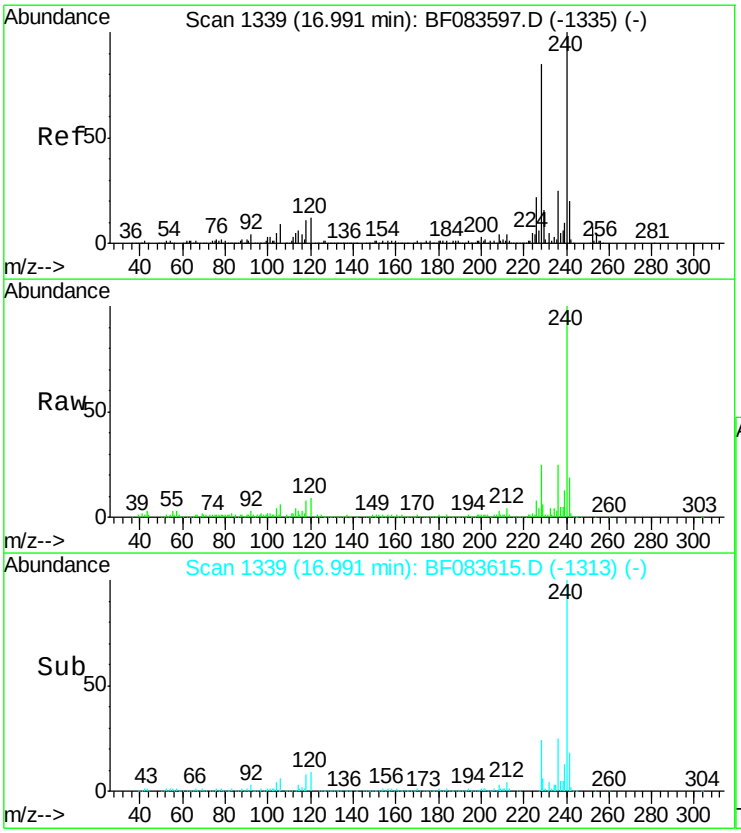
#74
Fluoranthene
Concen: 35.35 ng
RT: 14.74 min Scan# 1142
Delta R.T. -0.01 min
Lab File: BF083615.D
Acq: 9 Dec 2015 1:20

Instrument :
BNA_F
ClientSampleId :
PCPY3

Tgt Ion:202 Resp: 967808

Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	31.5
203	18.5	0.0	37.6

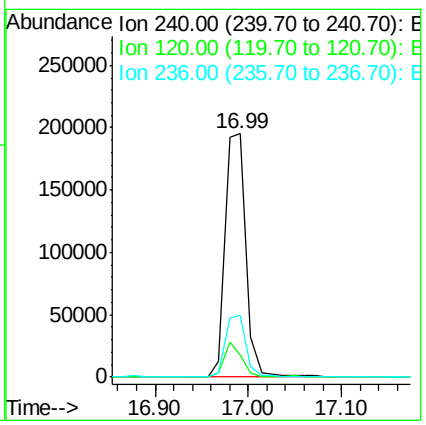


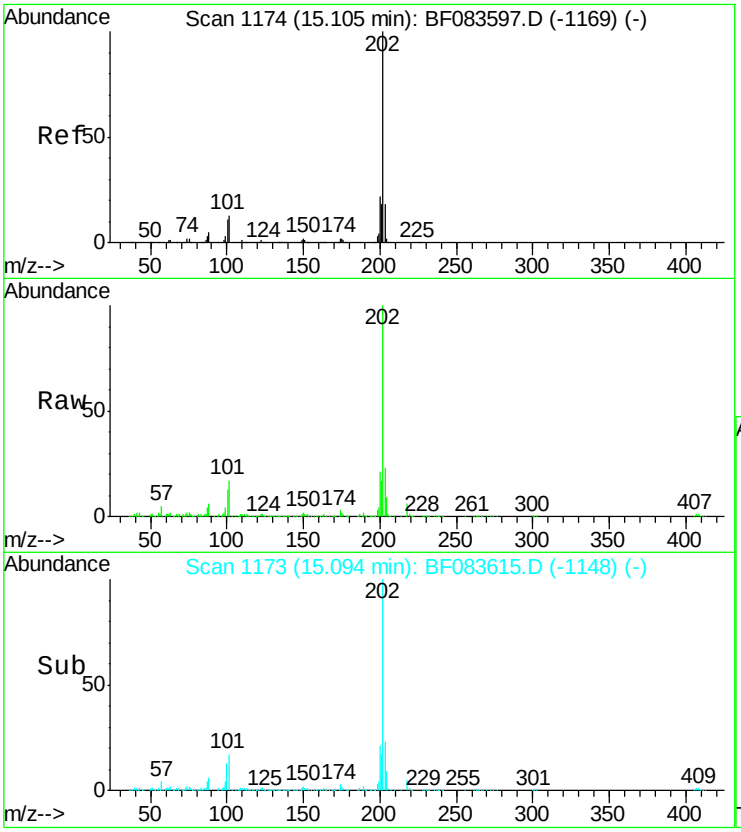


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.99 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF083615.D
Acq: 9 Dec 2015 1:20

Tgt Ion:240 Resp: 304112

Ion	Ratio	Lower	Upper
240	100		
120	9.0	8.1	12.1
236	25.4	20.8	31.2



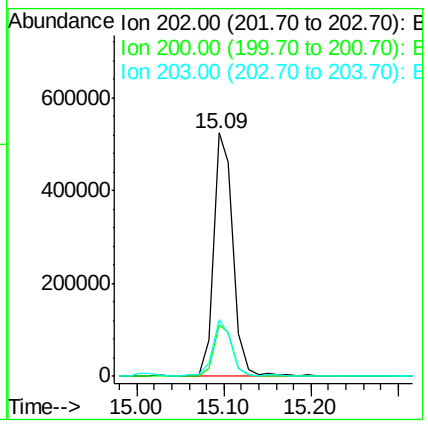


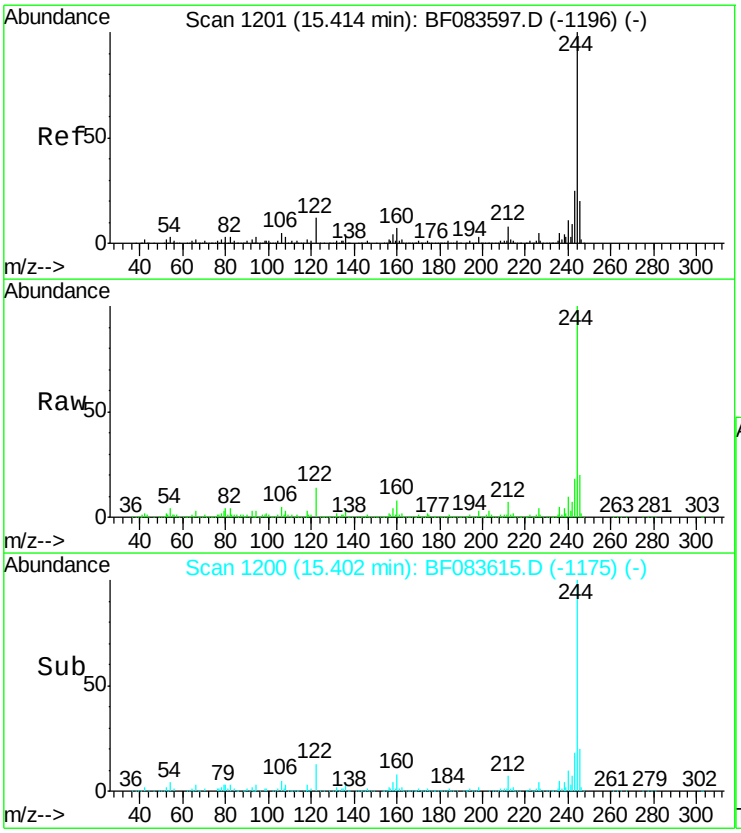
#77
Pyrene
Concen: 37.02 ng
RT: 15.09 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF083615.D
Acq: 9 Dec 2015 1:20

Instrument :
BNA_F
ClientSampleId :
PCPY3

Tgt Ion:202 Resp: 810640

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.7	25.1
203	23.4	14.3	21.5#

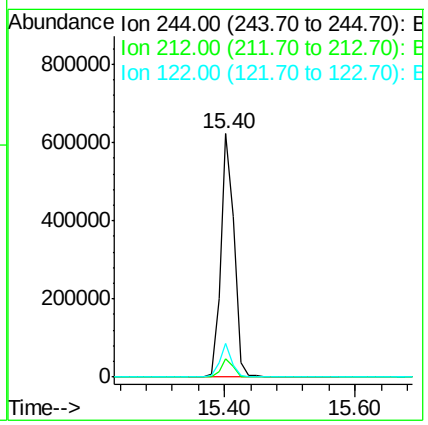


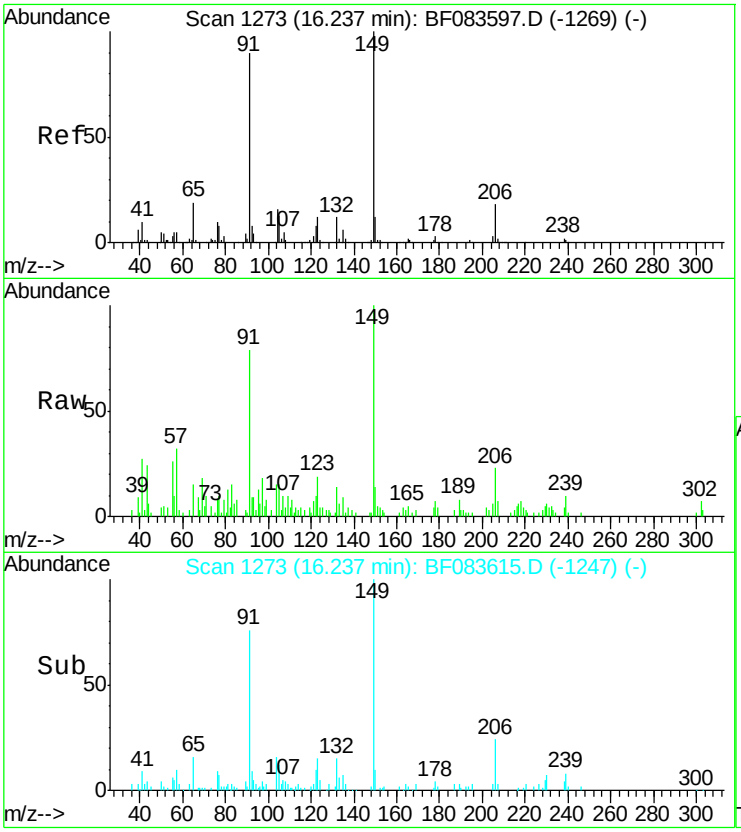


#78
Terphenyl-d14
Concen: 68.84 ng
RT: 15.40 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF083615.D
Acq: 9 Dec 2015 1:20

Tgt Ion:244 Resp: 889797

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.1	9.1
122	13.6	11.0	16.6



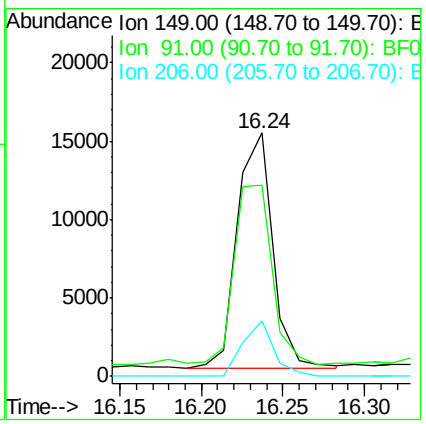


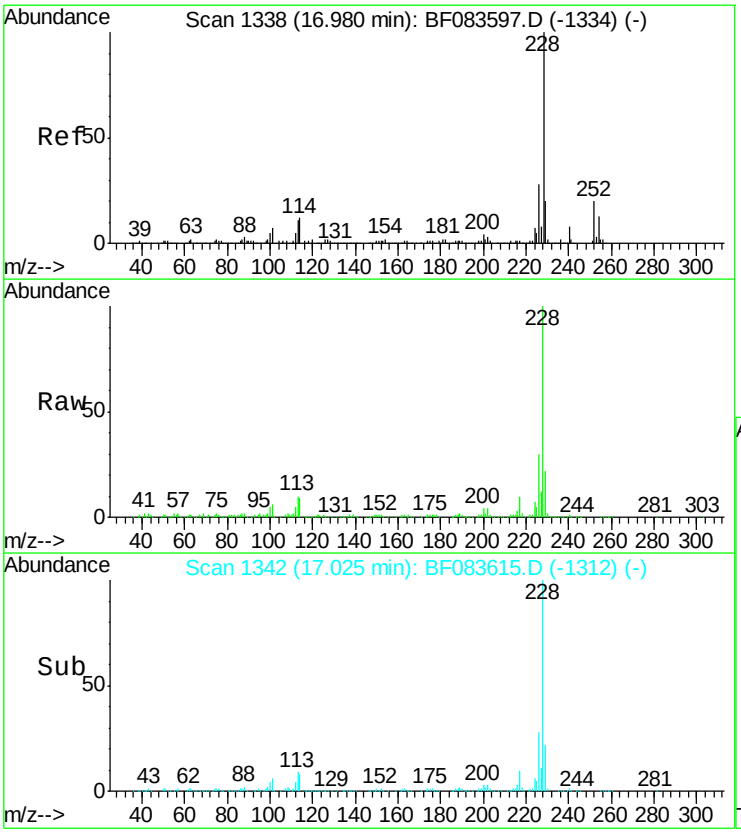
#79
Butylbenzylphthalate
Concen: 2.31 ng
RT: 16.24 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BF083615.D
Acq: 9 Dec 2015 1:20

Instrument :
BNA_F
ClientSampleId :
PCPY3

Tgt Ion:149 Resp: 22432

Ion	Ratio	Lower	Upper
149	100		
91	78.7	60.0	90.0
206	23.0	16.2	24.4

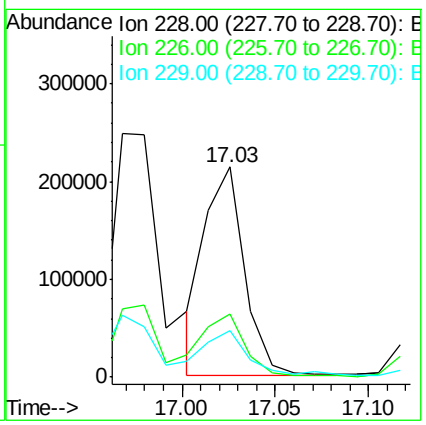


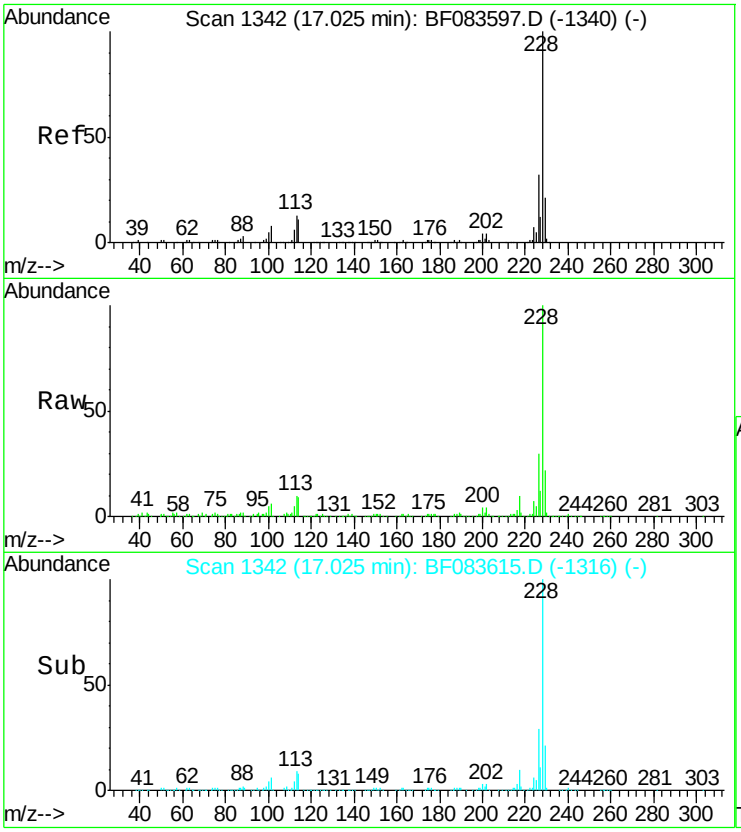


#80
Benzo(a)anthracene
Concen: 17.98 ng
RT: 17.03 min Scan# 1342
Delta R.T. 0.05 min
Lab File: BF083615.D
Acq: 9 Dec 2015 1:20

Tgt Ion:228 Resp: 320087

Ion	Ratio	Lower	Upper
228	100		
226	29.9	22.3	33.5
229	22.1	15.7	23.5



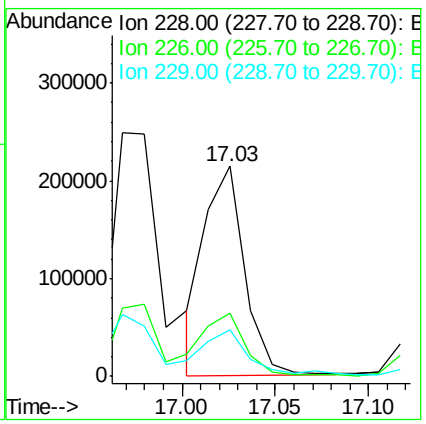


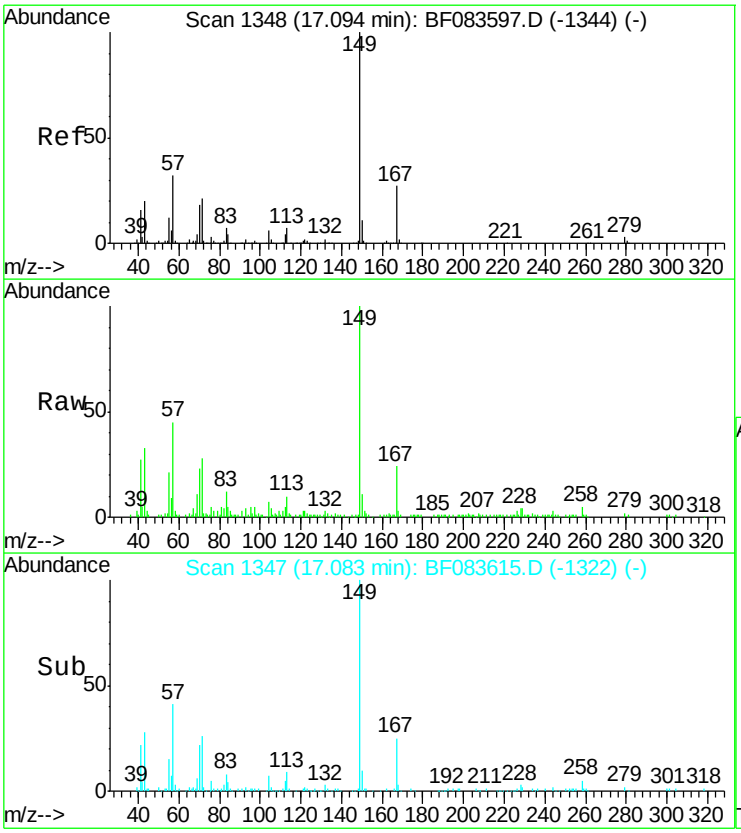
#82
Chrysene
Concen: 18.00 ng
RT: 17.03 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF083615.D
Acq: 9 Dec 2015 1:20

Instrument :
BNA_F
ClientSampleId :
PCPY3

Tgt Ion:228 Resp: 321165

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.7	37.1
229	22.1	16.3	24.5

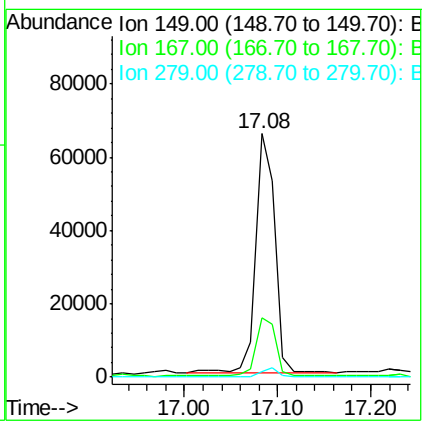


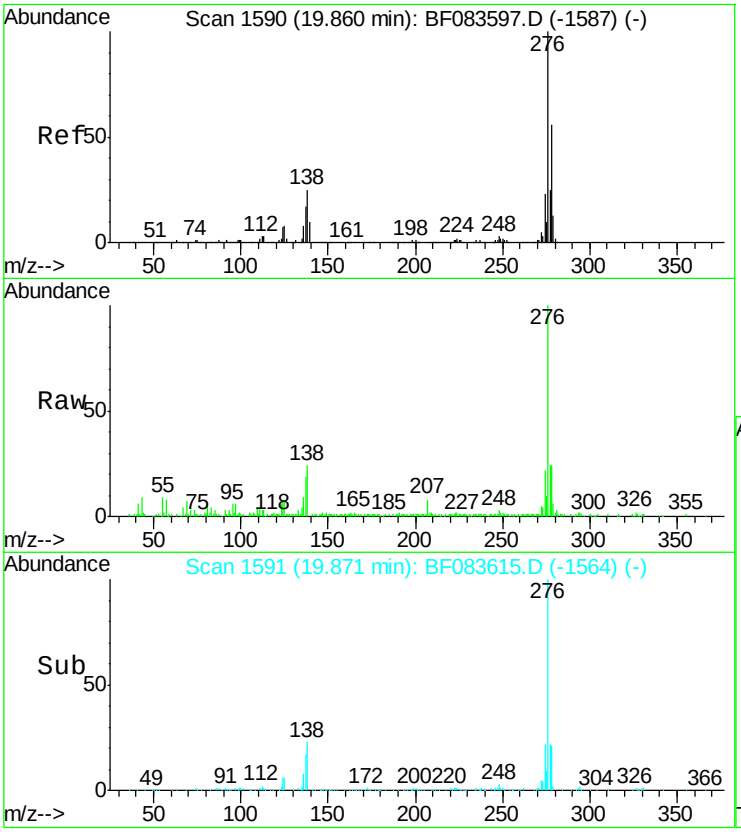


#83
Bis(2-ethylhexyl)phthalate
Concen: 6.89 ng
RT: 17.08 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF083615.D
Acq: 9 Dec 2015 1:20

Tgt Ion:149 Resp: 92921

Ion	Ratio	Lower	Upper
149	100		
167	24.4	21.8	32.8
279	2.1	3.0	4.4#



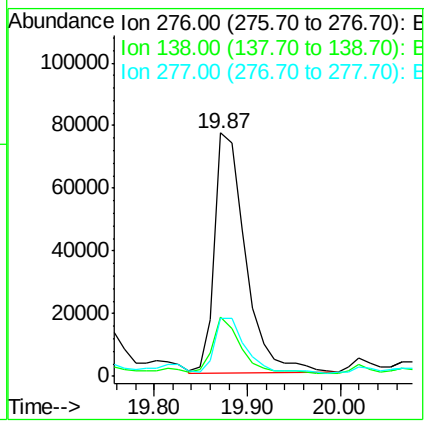


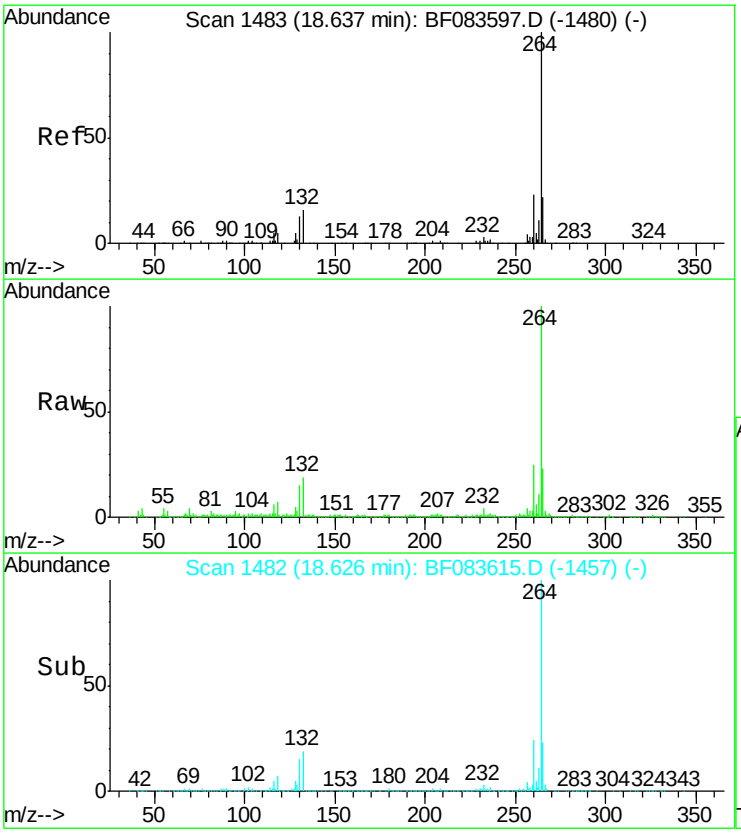
#85
Indeno(1,2,3-cd)pyrene
Concen: 14.67 ng
RT: 19.87 min Scan# 1591
Delta R.T. 0.01 min
Lab File: BF083615.D
Acq: 9 Dec 2015 1:20

Instrument :
BNA_F
ClientSampleId :
PCPY3

Tgt Ion:276 Resp: 176697

Ion	Ratio	Lower	Upper
276	100		
138	21.5	0.0	0.0#
277	23.6	0.0	0.0#

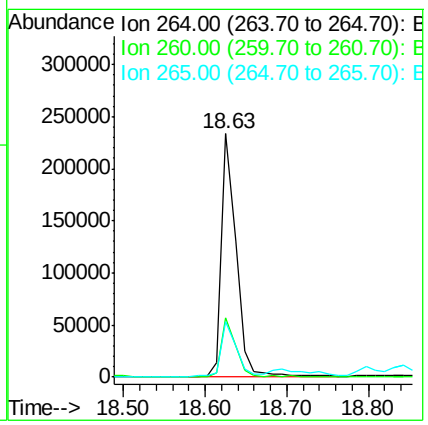


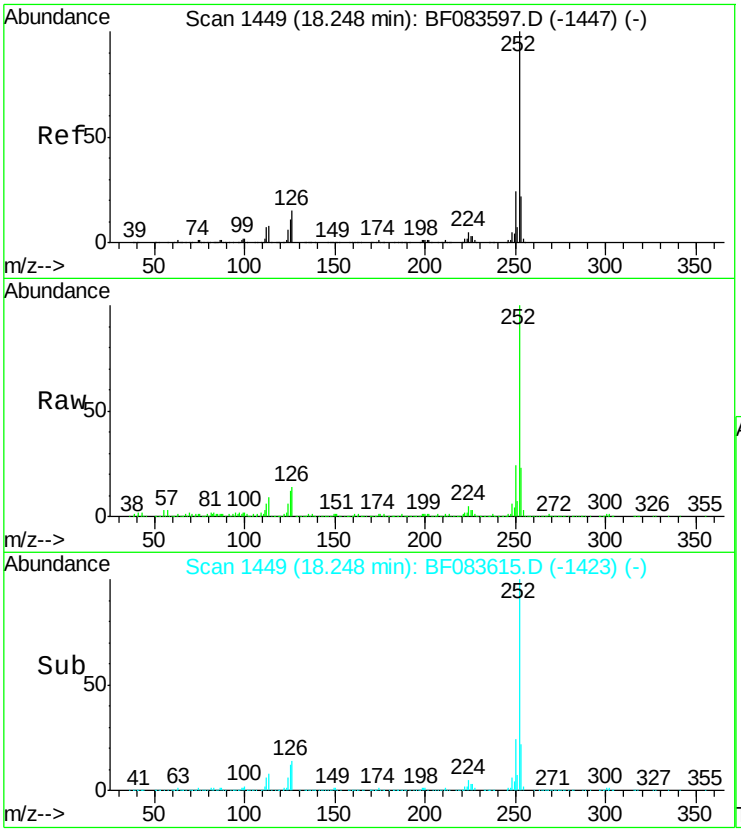


#86
Perylene-d12
Concen: 20.00 ng
RT: 18.63 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF083615.D
Acq: 9 Dec 2015 1:20

Tgt Ion:264 Resp: 289235

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.0
265	22.9	17.8	26.6



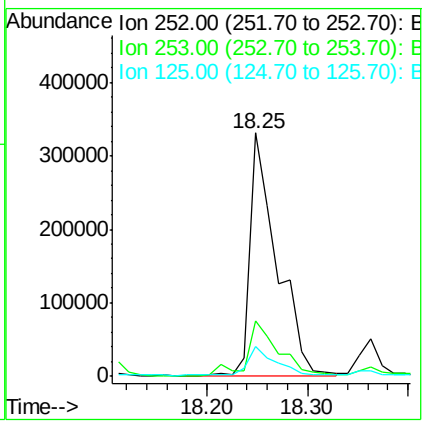


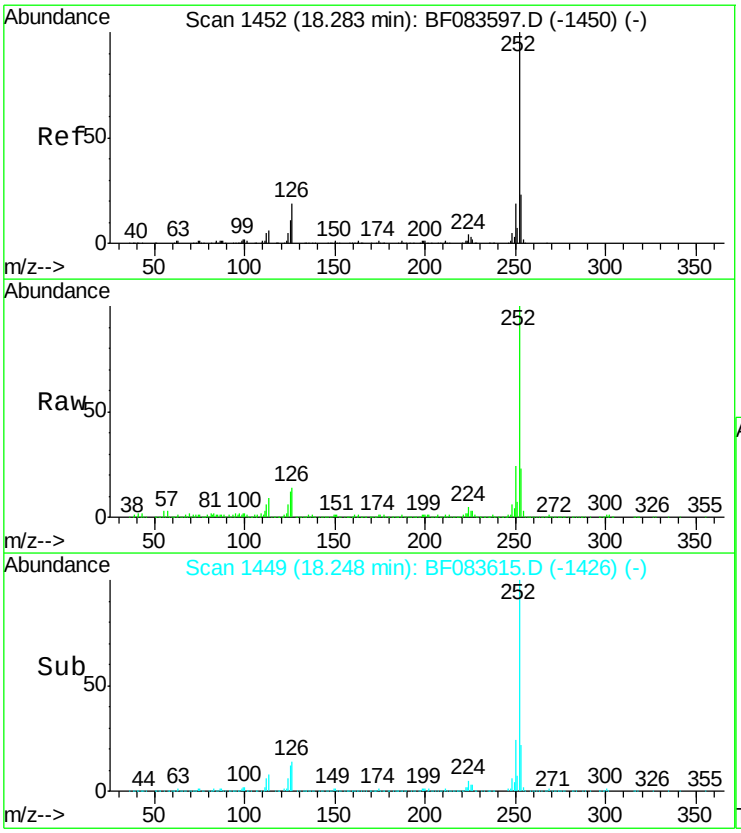
#87
Benzo(b)fluoranthene
Concen: 37.13 ng
RT: 18.25 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BF083615.D
Acq: 9 Dec 2015 1:20

Instrument :
BNA_F
ClientSampleId :
PCPY3

Tgt Ion:252 Resp: 611476

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.4
125	12.1	8.2	12.4

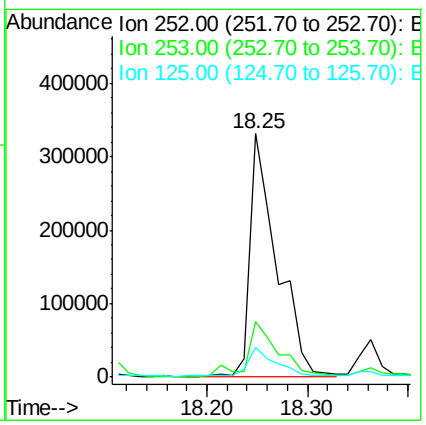


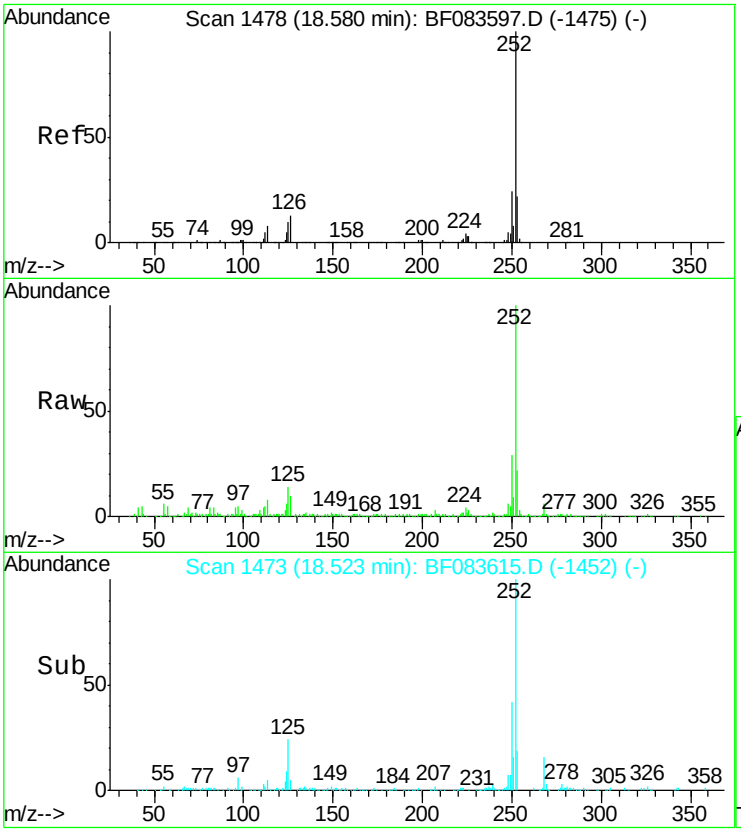


#88
Benzo(k)fluoranthene
Concen: 33.69 ng
RT: 18.25 min Scan# 1449
Delta R.T. -0.03 min
Lab File: BF083615.D
Acq: 9 Dec 2015 1:20

Tgt Ion:252 Resp: 611476

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.6	27.8
125	12.1	11.5	17.3



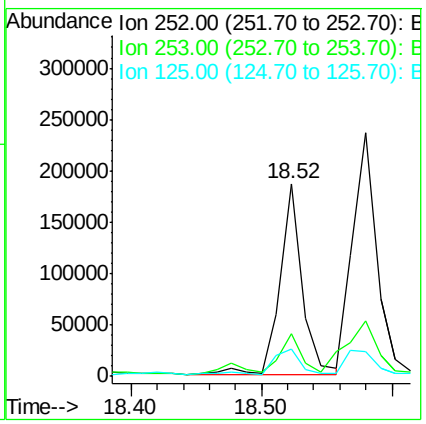


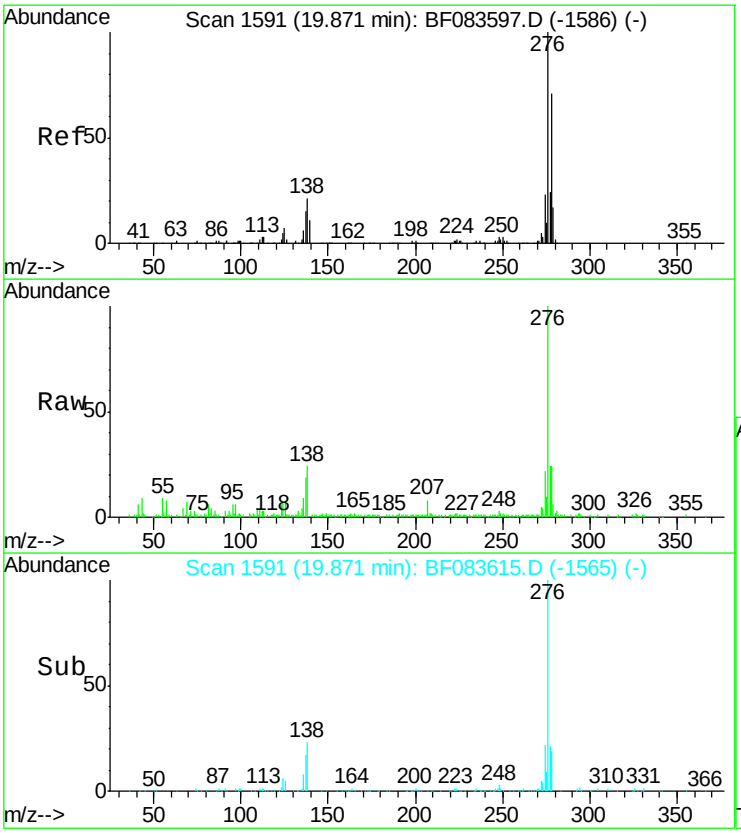
#89
Benzo(a)pyrene
Concen: 13.83 ng
RT: 18.52 min Scan# 1473
Delta R.T. -0.06 min
Lab File: BF083615.D
Acq: 9 Dec 2015 1:20

Instrument :
BNA_F
ClientSampleId :
PCPY3

Tgt Ion:252 Resp: 222291

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	14.0	11.0	16.6

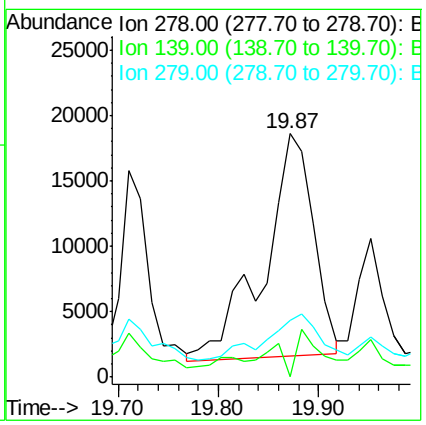


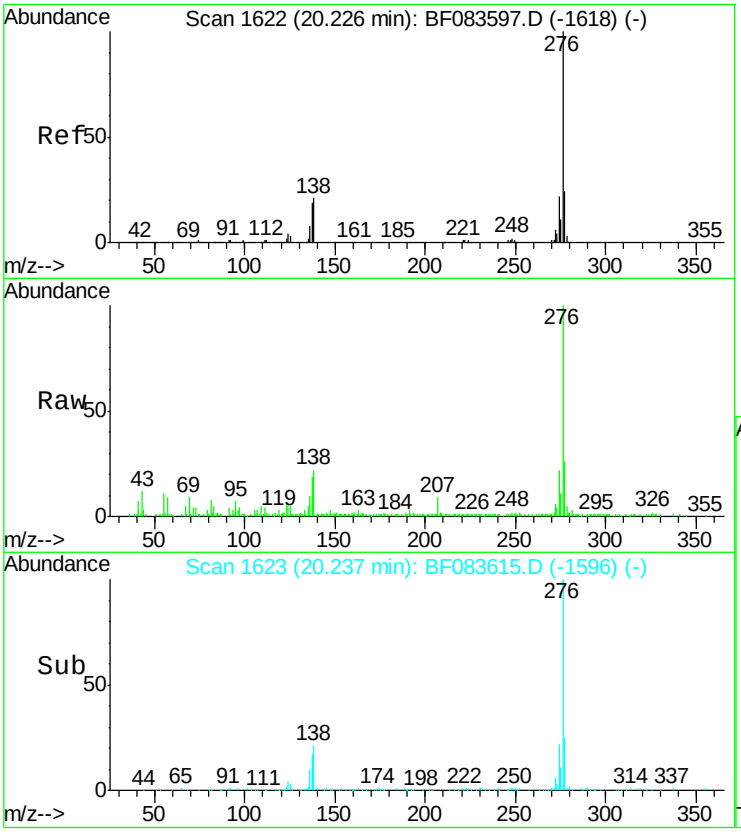


#90
Dibenzo(a,h)anthracene
Concen: 4.74 ng
RT: 19.87 min Scan# 1591
Delta R.T. 0.00 min
Lab File: BF083615.D
Acq: 9 Dec 2015 1:20

Tgt Ion:278 Resp: 58210

Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.8	19.2#
279	23.4	18.6	28.0





#91
Benzo(g,h,i)perylene
Concen: 13.13 ng
RT: 20.24 min Scan# 1623
Delta R.T. 0.01 min
Lab File: BF083615.D
Acq: 9 Dec 2015 1:20

Instrument :
BNA_F
ClientSampleId :
PCPY3

Tgt Ion:276 Resp: 157321

Ion	Ratio	Lower	Upper
276	100		
277	25.5	19.2	28.8
138	21.9	19.5	29.3