Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120715\
Data File : BF083575.D
Acq On : 8 Dec 2015 00:27
Operator : UM/IZ
Sample : G4579-12 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SHED-EAST-WALL

Quant Time: Dec 08 01:20:43 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 05 04:12:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.72	152	120579	20.00	ng		-0.05
21) Naphthalene-d8	7.62	136	452902	20.00	ng		-0.06
38) Acenaphthene-d10	10.41	164	192736	20.00	ng		-0.06
63) Phenanthrene-d10	12.85	188	256456	20.00	ng		0.00
75) Chrysene-d12	17.07	240	243313	20.00	ng		0.02
86) Perylene-d12	18.68	264	229374	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.00	112	279723	35.19	ng		-0.03
7) Phenol-d6	5.29	99	375029	34.25	ng		-0.03
23) Nitrobenzene-d5	6.54	82	234108	24.16	ng		-0.06
41) 2,4,6-Tribromophenol	11.71	330	53423	30.05	ng		-0.05
44) 2-Fluorobiphenyl	9.37	172	383593	26.99	ng		-0.06
78) Terphenyl-d14	15.48	244	284902	26.06	ng		0.00
Target Compounds							Qvalue
32) Benzoic acid	7.44	122	12349	5.56	ng	#	47
47) 2-Nitroaniline	9.64	65	9900	2.15	ng	#	26
48) Acenaphthylene	10.18	152	433505	20.51	ng		99
51) Acenaphthene	10.46	154	32781	2.70	ng		90
54) Dibenzofuran	10.75	168	250685	14.88	ng		98
55) 4-Nitrophenol	10.75	139	91403	47.12	ng	#	7
57) Fluorene	11.31	166	860256	58.69	ng		99
65) n-Nitrosodiphenylamine	11.57	169	20370	2.40	ng	#	49
70) Phenanthrene	12.95	178	20837251	1395.89	ng	#	89
71) Anthracene	12.95	178	20798713	1366.17	ng	#	88
72) Carbazole	13.35	167	13471461	1030.49	ng	#	91
74) Fluoranthene	14.96	202	28585486	1932.17	ng		94
77) Pyrene	15.29	202	16940241	930.71	ng	#	87
80) Benzo(a)anthracene	17.14	228	11985497	841.92	ng	#	90
82) Chrysene	17.14	228	11985497	845.12	ng		94
83) Bis(2-ethylhexyl)phthalate	17.14	149	57212	6.09	ng	#	98
85) Indeno(1,2,3-cd)pyrene	19.93	276	641130	52.74	ng	#	100
87) Benzo(b)fluoranthene	18.33	252	5625640	436.72	ng	#	94
88) Benzo(k)fluoranthene	18.33	252	5625640	426.32	ng		98
89) Benzo(a)pyrene	18.72	252	164955	13.16	ng		97
90) Dibenzo(a,h)anthracene	20.11	278	111145	9.22	ng		94
91) Benzo(g,h,i)perylene	20.29	276	444063	36.55	ng		95

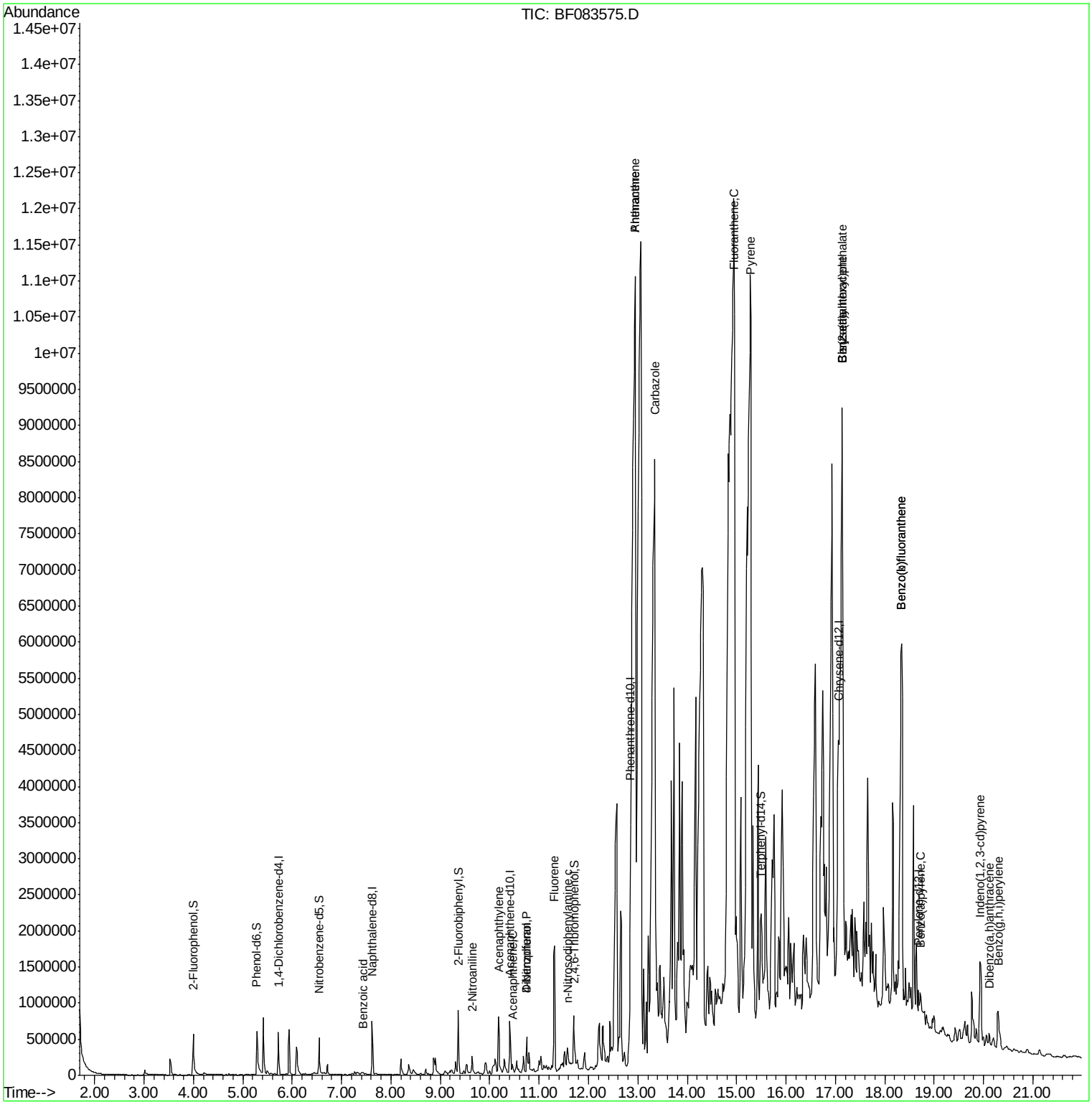
(#) = qualifier out of range (m) = manual integration (+) = signals summed

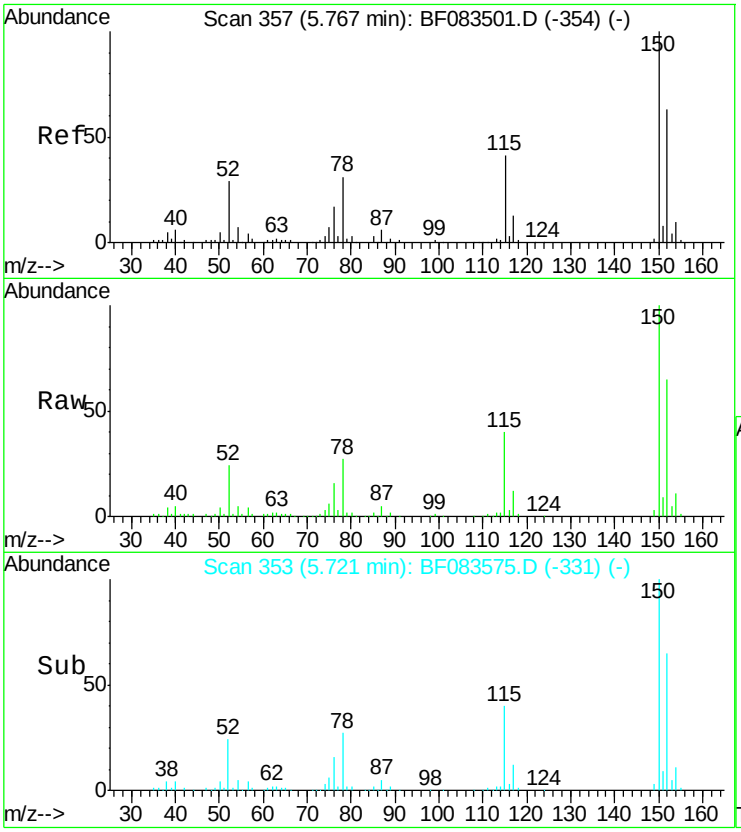
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120715\
Data File : BF083575.D
Acq On : 8 Dec 2015 00:27
Operator : UM/IZ
Sample : G4579-12 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SHED-EAST-WALL

Quant Time: Dec 08 01:20:43 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 05 04:12:46 2015
Response via : Initial Calibration



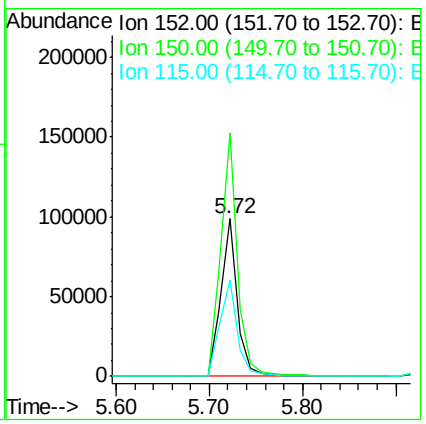


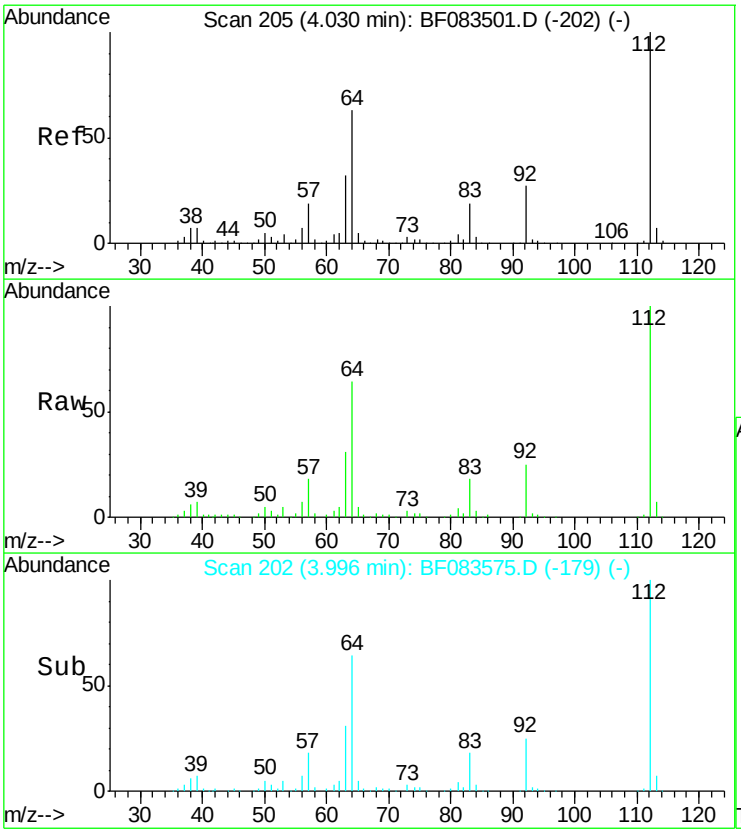
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.72 min Scan# 353
Delta R.T. -0.05 min
Lab File: BF083575.D
Acq: 8 Dec 2015 00:27

Instrument :
BNA_F
ClientSampleId :
SHED-EAST-WALL

Tgt Ion:152 Resp: 120579

Ion	Ratio	Lower	Upper
152	100		
150	154.4	126.5	189.7
115	61.1	52.3	78.5

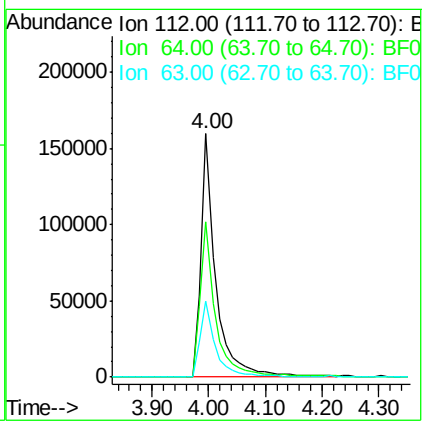


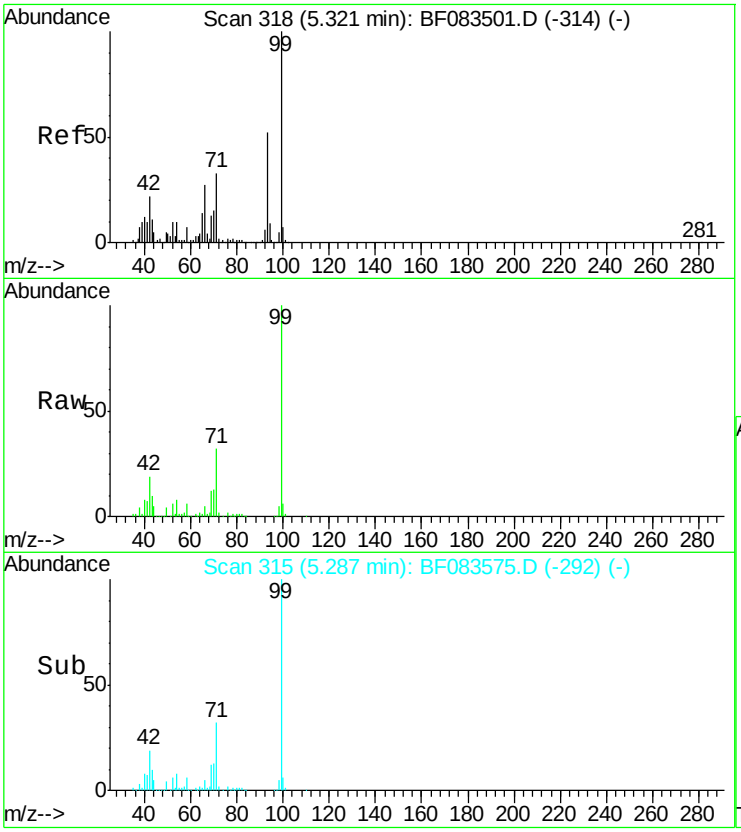


#5
2-Fluorophenol
Concen: 35.19 ng
RT: 4.00 min Scan# 202
Delta R.T. -0.03 min
Lab File: BF083575.D
Acq: 8 Dec 2015 00:27

Tgt Ion:112 Resp: 279723

Ion	Ratio	Lower	Upper
112	100		
64	63.5	50.5	75.7
63	31.0	25.8	38.6



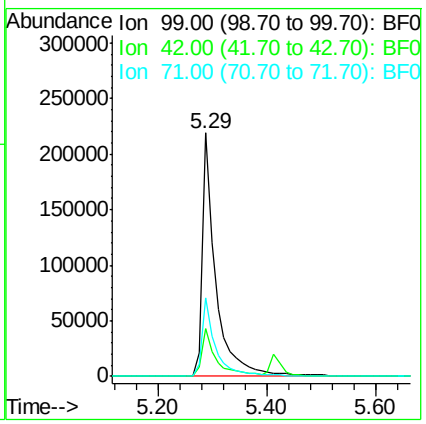


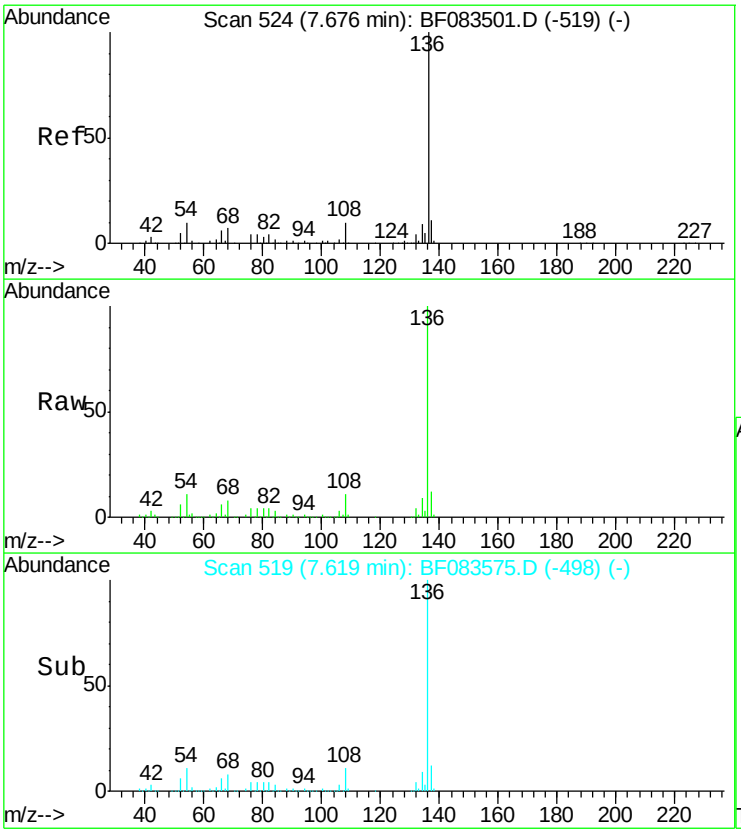
#7
Phenol-d6
Concen: 34.25 ng
RT: 5.29 min Scan# 315
Delta R.T. -0.03 min
Lab File: BF083575.D
Acq: 8 Dec 2015 00:27

Instrument :
BNA_F
ClientSampleId :
SHED-EAST-WALL

Tgt Ion: 99 Resp: 375029

Ion	Ratio	Lower	Upper
99	100		
42	19.4	17.3	25.9
71	32.3	26.6	40.0

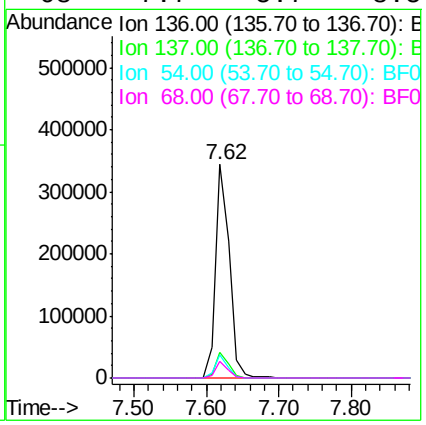


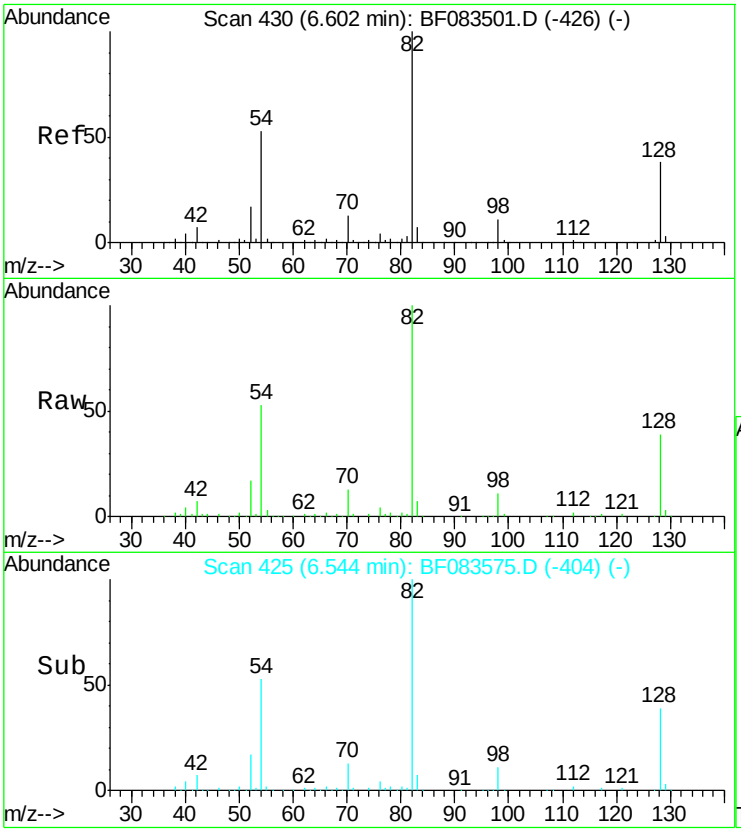


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.62 min Scan# 519
Delta R.T. -0.06 min
Lab File: BF083575.D
Acq: 8 Dec 2015 00:27

Tgt Ion:136 Resp: 452902

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.7	13.1
54	10.8	7.8	11.6
68	7.7	5.7	8.5



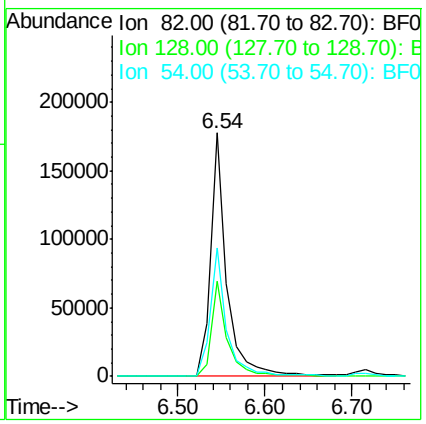


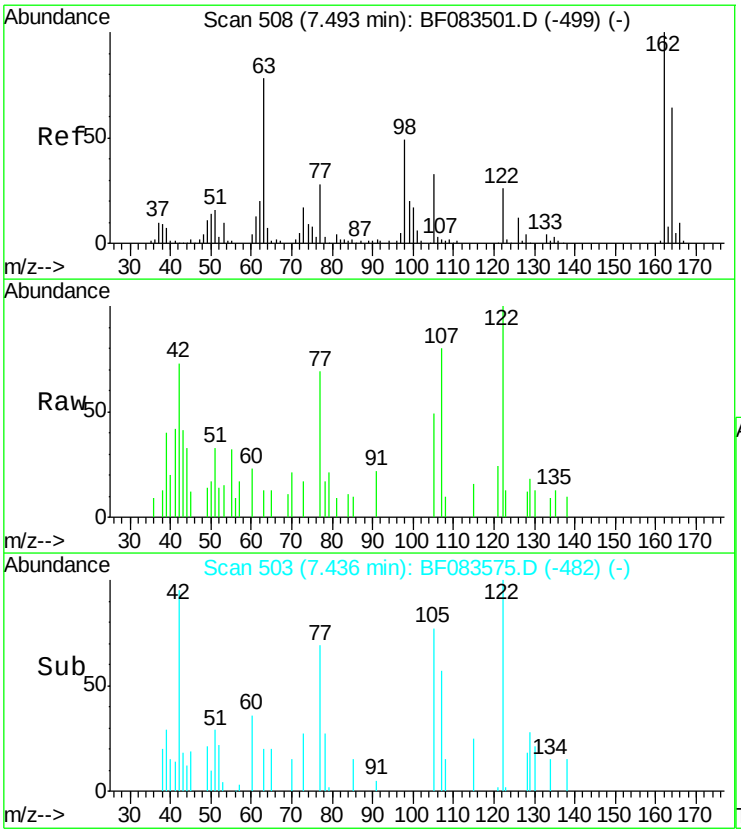
#23
Nitrobenzene-d5
Concen: 24.16 ng
RT: 6.54 min Scan# 425
Delta R.T. -0.06 min
Lab File: BF083575.D
Acq: 8 Dec 2015 00:27

Instrument :
BNA_F
ClientSampleId :
SHED-EAST-WALL

Tgt Ion: 82 Resp: 234108

Ion	Ratio	Lower	Upper
82	100		
128	39.3	30.7	46.1
54	52.8	42.5	63.7

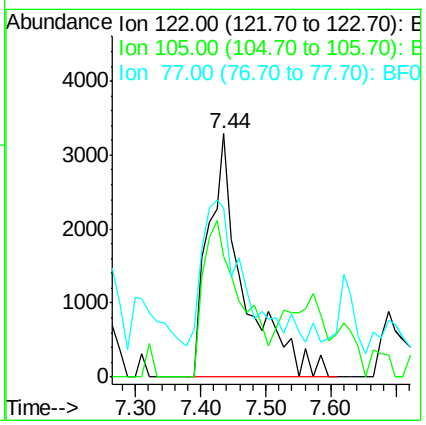


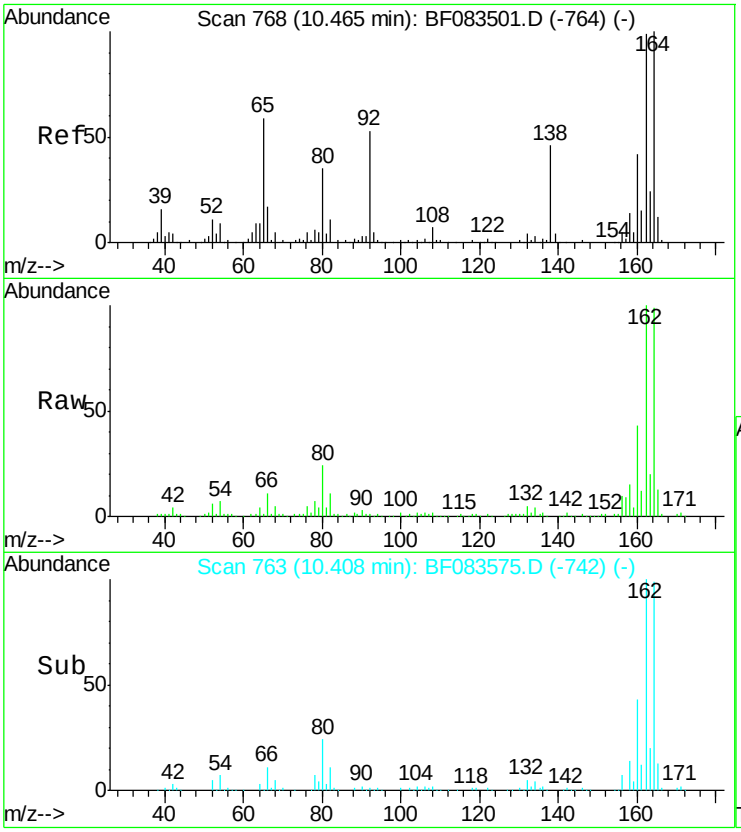


#32
Benzoic acid
Concen: 5.56 ng
RT: 7.44 min Scan# 503
Delta R.T. -0.06 min
Lab File: BF083575.D
Acq: 8 Dec 2015 00:27

Tgt Ion:122 Resp: 12349

Ion	Ratio	Lower	Upper
122	100		
105	49.5	105.6	145.6#
77	69.3	86.8	126.8#



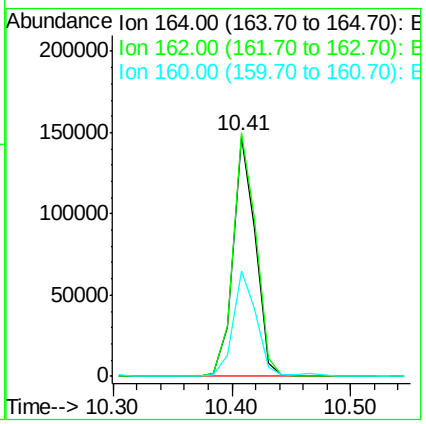


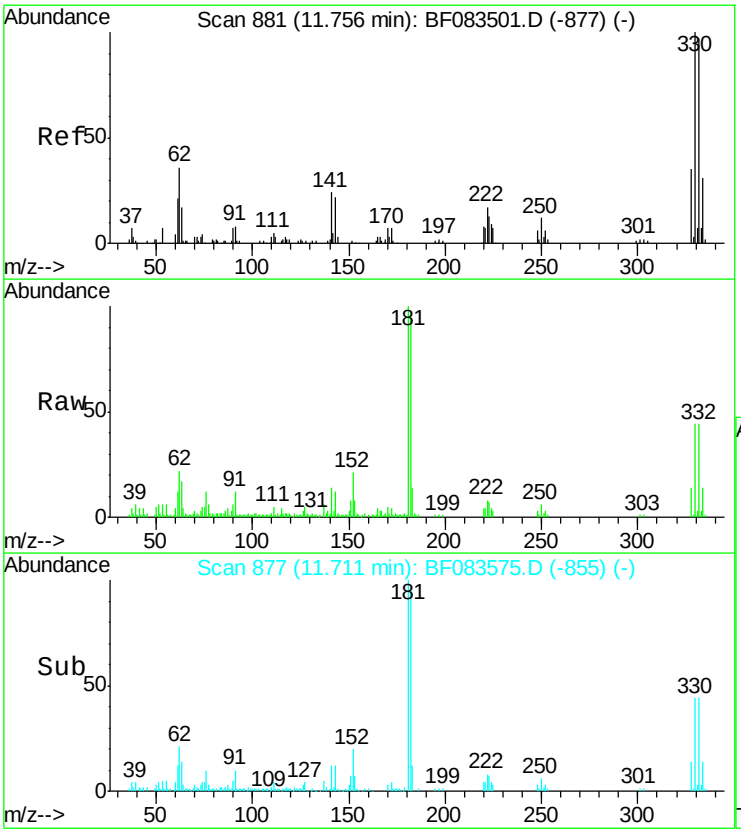
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.41 min Scan# 763
Delta R.T. -0.06 min
Lab File: BF083575.D
Acq: 8 Dec 2015 00:27

Instrument :
BNA_F
ClientSampleId :
SHED-EAST-WALL

Tgt Ion:164 Resp: 192736

Ion	Ratio	Lower	Upper
164	100		
162	101.5	78.8	118.2
160	44.0	33.4	50.2

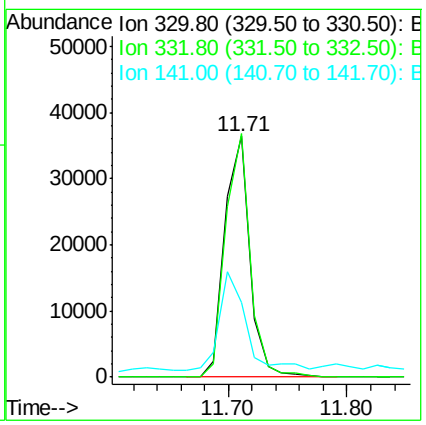


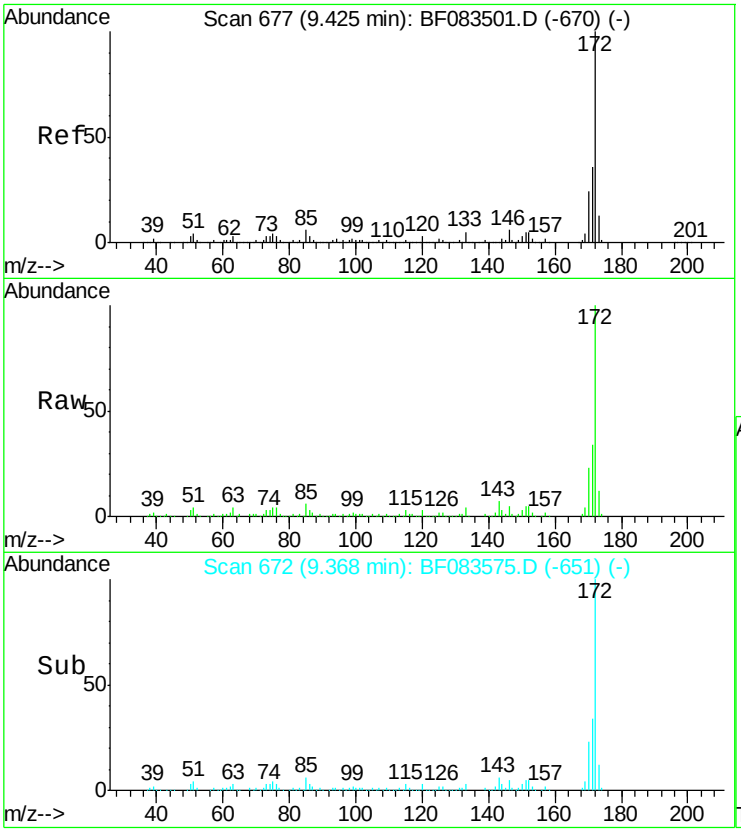


#41
2,4,6-Tribromophenol
Concen: 30.05 ng
RT: 11.71 min Scan# 877
Delta R.T. -0.05 min
Lab File: BF083575.D
Acq: 8 Dec 2015 00:27

Tgt Ion:330 Resp: 53423

Ion	Ratio	Lower	Upper
330	100		
332	99.2	0.0	0.0#
141	43.9	0.0	0.0#



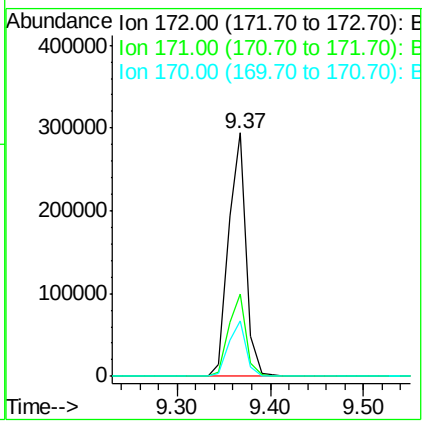


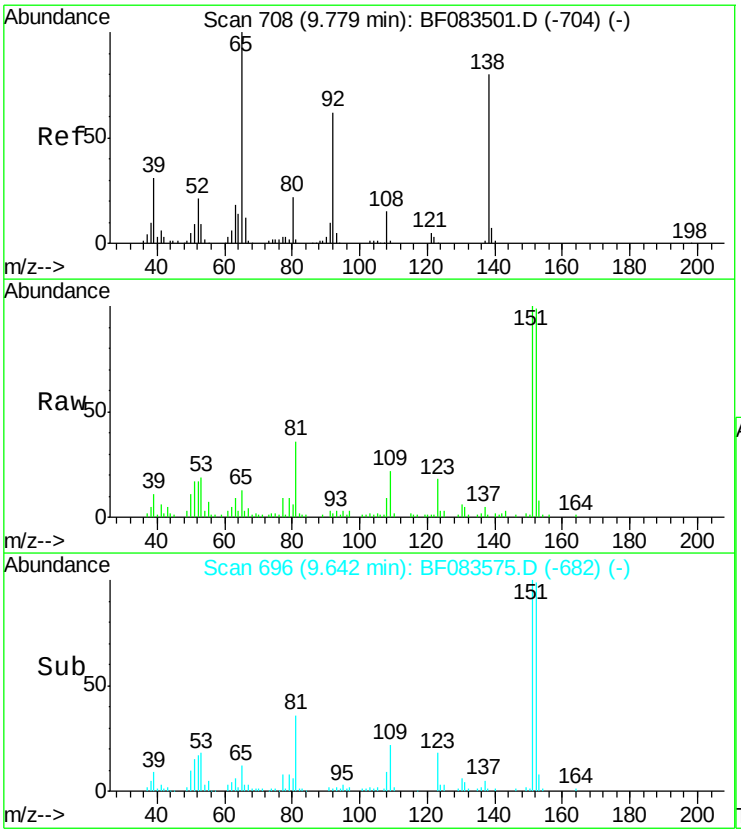
#44
2-Fluorobiphenyl
Concen: 26.99 ng
RT: 9.37 min Scan# 672
Delta R.T. -0.06 min
Lab File: BF083575.D
Acq: 8 Dec 2015 00:27

Instrument :
BNA_F
ClientSampleId :
SHED-EAST-WALL

Tgt Ion:172 Resp: 383593

Ion	Ratio	Lower	Upper
172	100		
171	34.1	28.6	42.8
170	23.0	19.4	29.0

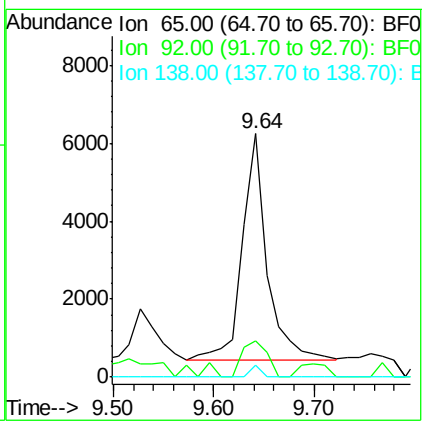


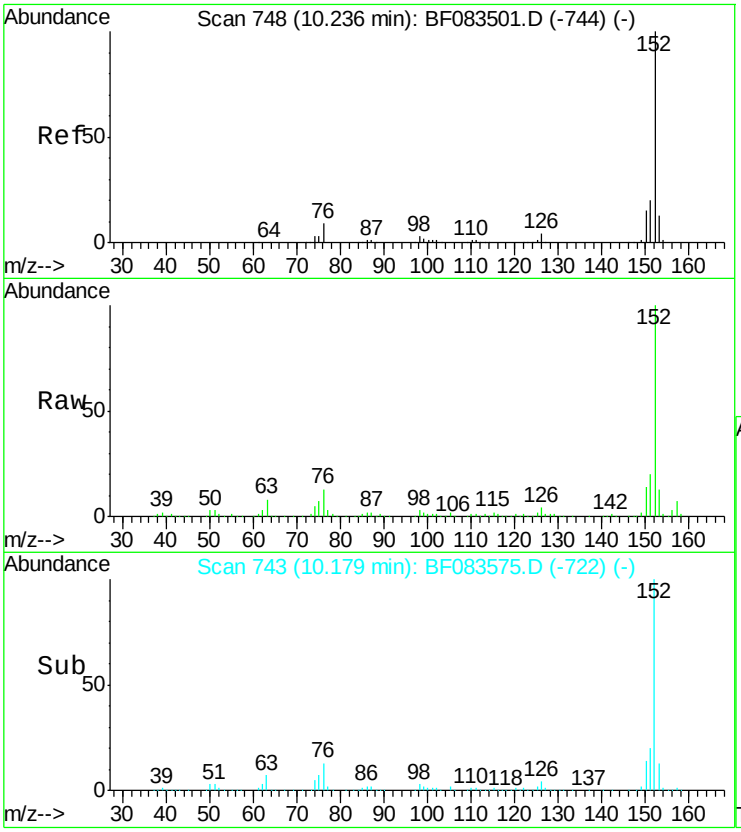


#47
2-Nitroaniline
Concen: 2.15 ng
RT: 9.64 min Scan# 696
Delta R.T. -0.14 min
Lab File: BF083575.D
Acq: 8 Dec 2015 00:27

Tgt Ion: 65 Resp: 9900

Ion	Ratio	Lower	Upper
65	100		
92	15.1	49.6	74.4#
138	5.1	64.1	96.1#



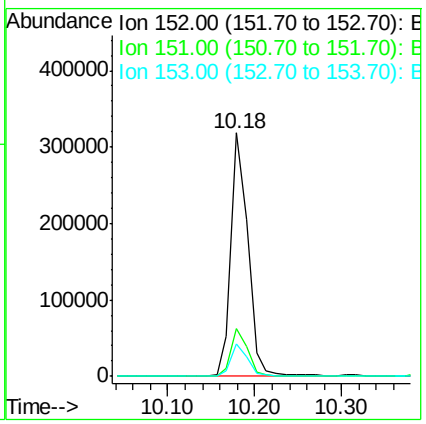


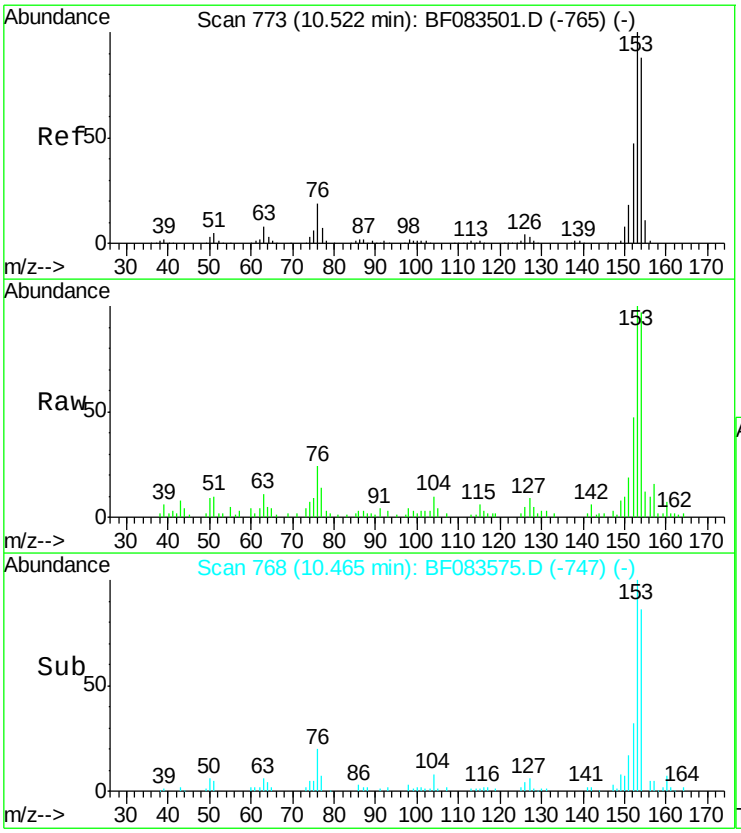
#48
Acenaphthylene
Concen: 20.51 ng
RT: 10.18 min Scan# 743
Delta R.T. -0.06 min
Lab File: BF083575.D
Acq: 8 Dec 2015 00:27

Instrument :
BNA_F
ClientSampleId :
SHED-EAST-WALL

Tgt Ion:152 Resp: 433505

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.3	24.5
153	13.2	10.8	16.2

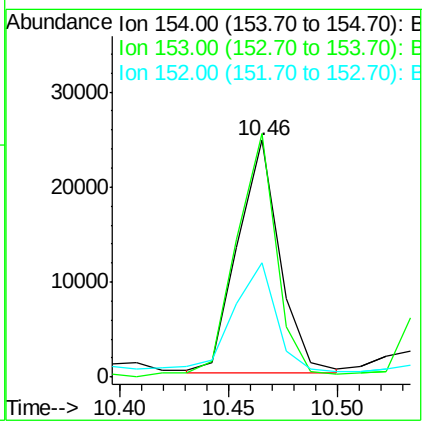


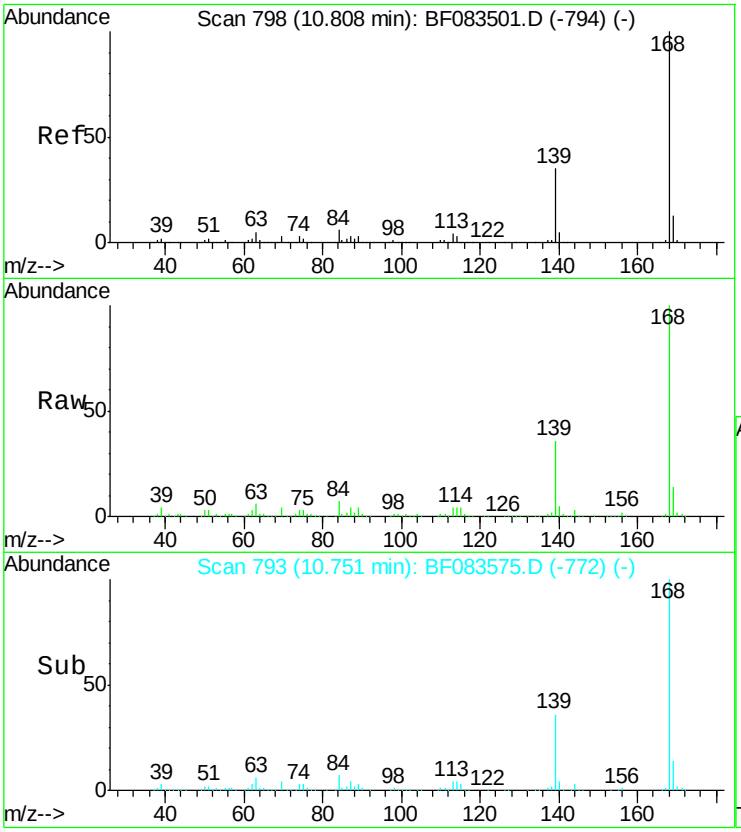


#51
Acenaphthene
Concen: 2.70 ng
RT: 10.46 min Scan# 768
Delta R.T. -0.06 min
Lab File: BF083575.D
Acq: 8 Dec 2015 00:27

Tgt Ion:154 Resp: 32781

Ion	Ratio	Lower	Upper
154	100		
153	102.8	91.4	137.0
152	48.5	43.4	65.2



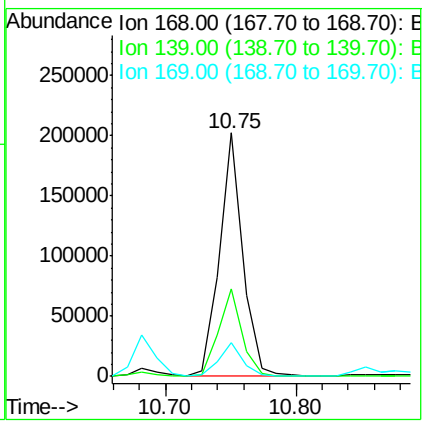


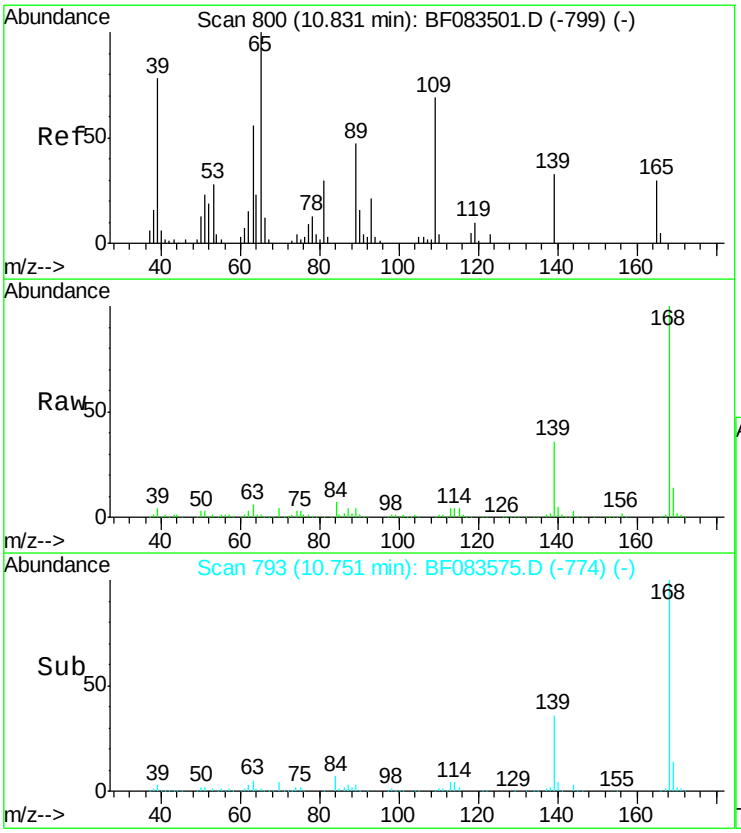
#54
Dibenzofuran
Concen: 14.88 ng
RT: 10.75 min Scan# 793
Delta R.T. -0.06 min
Lab File: BF083575.D
Acq: 8 Dec 2015 00:27

Instrument :
BNA_F
ClientSampleId :
SHED-EAST-WALL

Tgt Ion:168 Resp: 250685

Ion	Ratio	Lower	Upper
168	100		
139	36.2	28.0	42.0
169	13.6	10.8	16.2

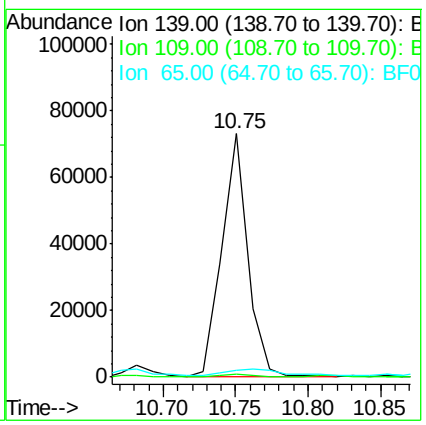


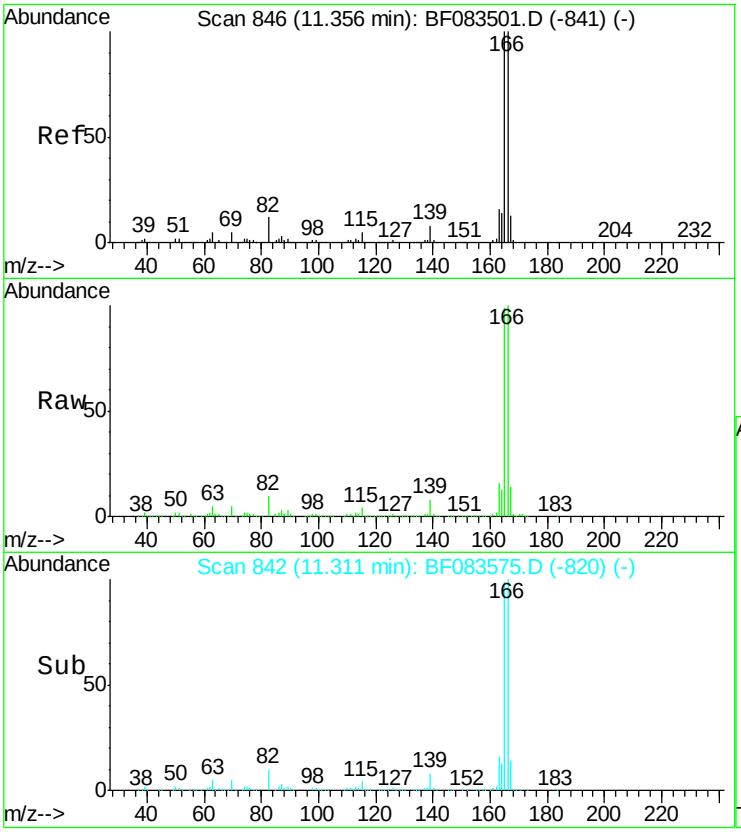


#55
4-Nitrophenol
Concen: 47.12 ng
RT: 10.75 min Scan# 793
Delta R.T. -0.08 min
Lab File: BF083575.D
Acq: 8 Dec 2015 00:27

Tgt Ion:139 Resp: 91403

Ion	Ratio	Lower	Upper
139	100		
109	1.2	42.0	82.0#
65	2.9	89.2	129.2#



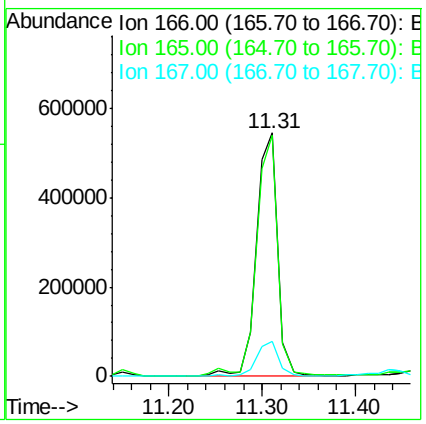


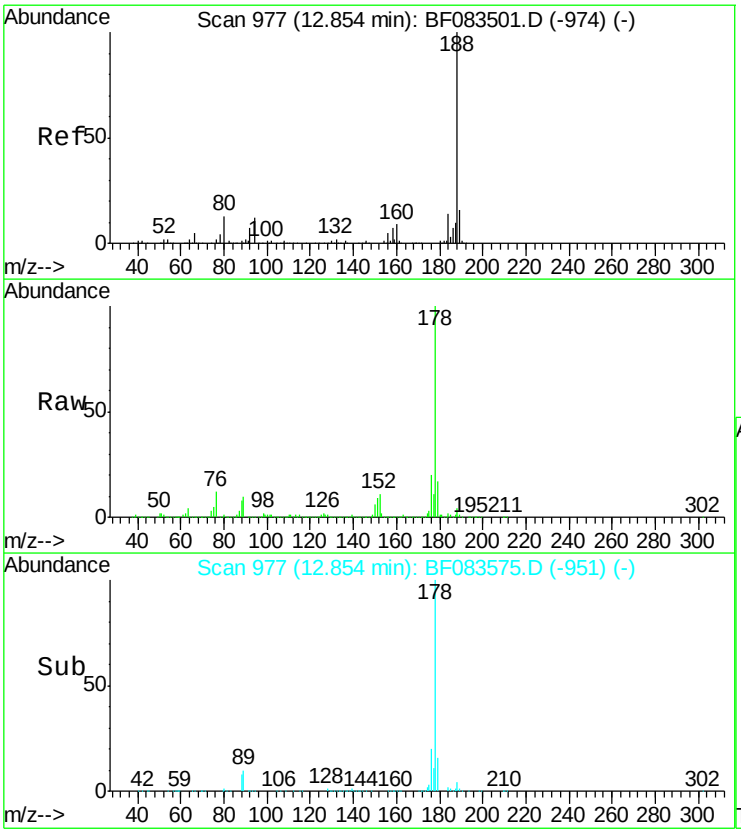
#57
Fluorene
Concen: 58.69 ng
RT: 11.31 min Scan# 842
Delta R.T. -0.05 min
Lab File: BF083575.D
Acq: 8 Dec 2015 00:27

Instrument :
BNA_F
ClientSampleId :
SHED-EAST-WALL

Tgt Ion:166 Resp: 860256

Ion	Ratio	Lower	Upper
166	100		
165	99.0	80.0	120.0
167	14.1	10.6	16.0

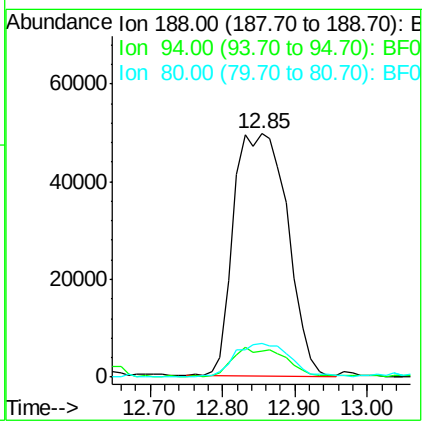


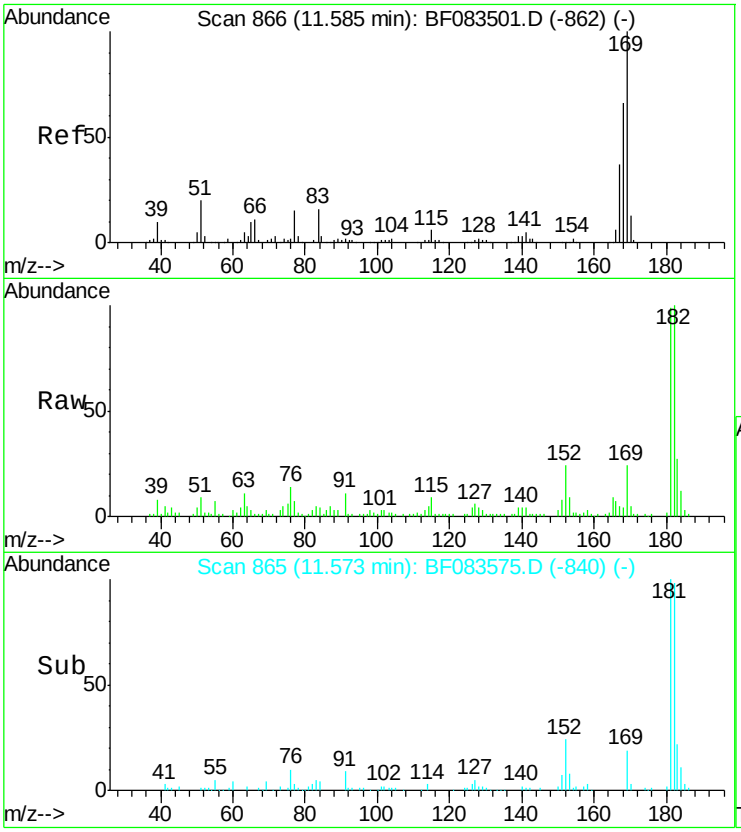


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.85 min Scan# 977
Delta R.T. 0.00 min
Lab File: BF083575.D
Acq: 8 Dec 2015 00:27

Tgt Ion:188 Resp: 256456

Ion	Ratio	Lower	Upper
188	100		
94	10.6	9.4	14.2
80	13.9	10.6	16.0



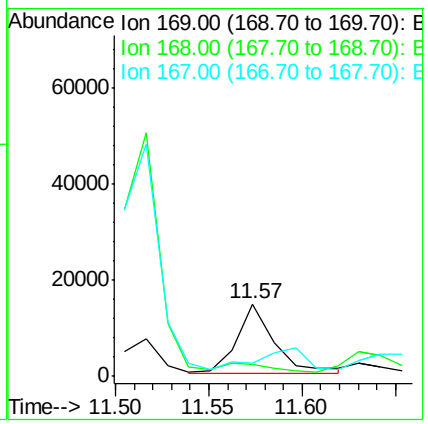


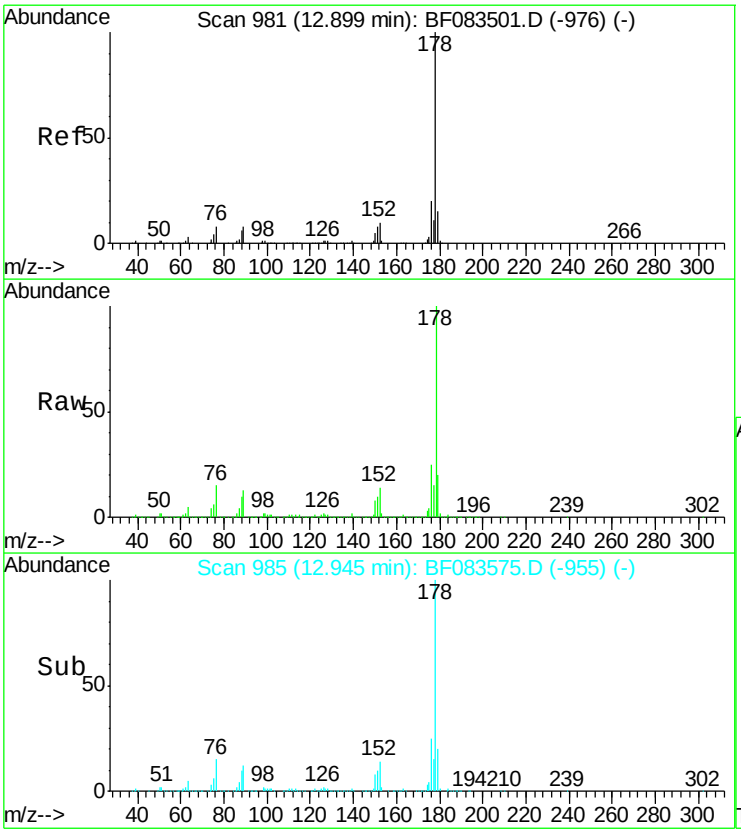
#65
n-Nitrosodiphenylamine
Concen: 2.40 ng
RT: 11.57 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF083575.D
Acq: 8 Dec 2015 00:27

Instrument :
BNA_F
ClientSampleId :
SHED-EAST-WALL

Tgt Ion:169 Resp: 20370

Ion	Ratio	Lower	Upper
169	100		
168	16.2	53.0	79.6#
167	18.7	29.3	43.9#

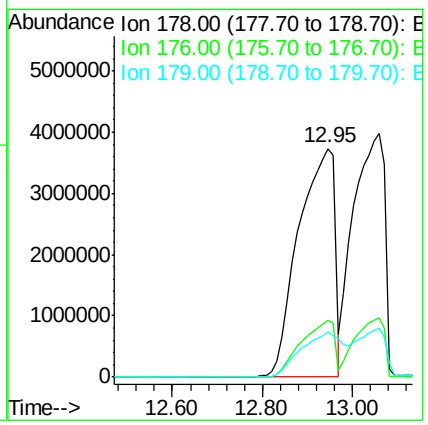


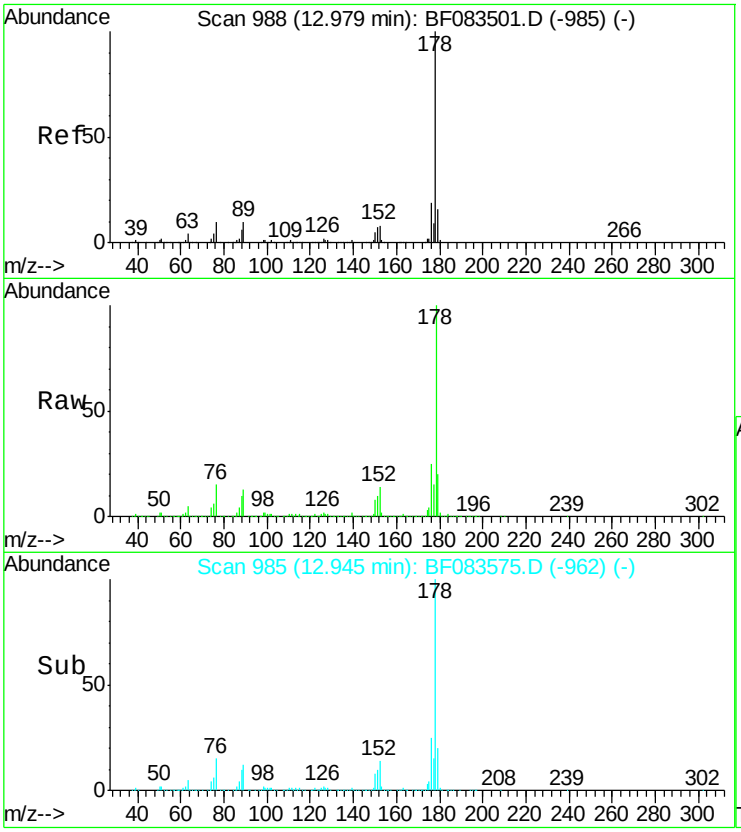


#70
Phenanthrene
Concen: 1395.89 ng
RT: 12.95 min Scan# 985
Delta R.T. 0.05 min
Lab File: BF083575.D
Acq: 8 Dec 2015 00:27

Tgt Ion:178 Resp:20837251

Ion	Ratio	Lower	Upper
178	100		
176	25.0	15.7	23.5#
179	19.8	12.2	18.4#



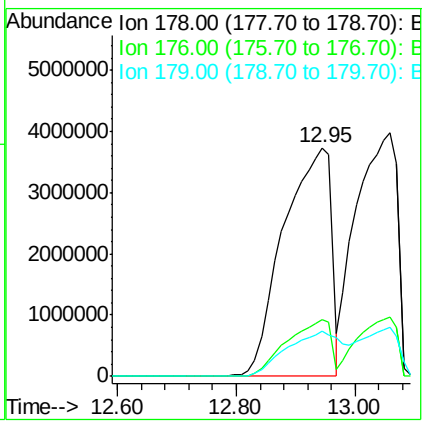


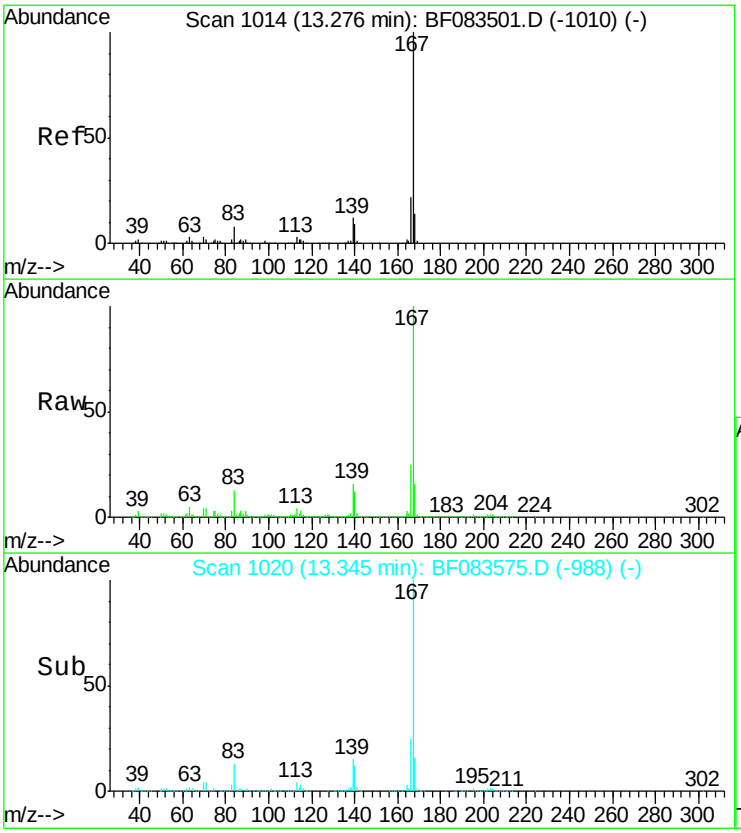
#71
Anthracene
Concen: 1366.17 ng
RT: 12.95 min Scan# 985
Delta R.T. -0.03 min
Lab File: BF083575.D
Acq: 8 Dec 2015 00:27

Instrument :
BNA_F
ClientSampleId :
SHED-EAST-WALL

Tgt Ion:178 Resp:20798713

Ion	Ratio	Lower	Upper
178	100		
176	25.0	15.2	22.8#
179	19.8	12.6	18.8#

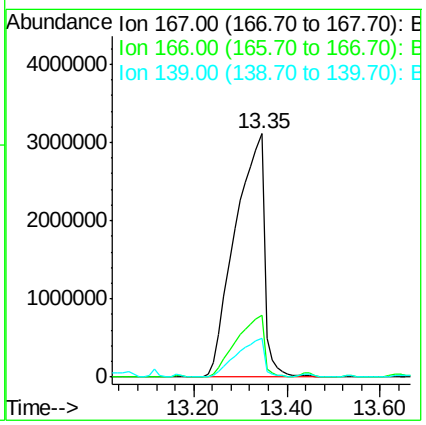


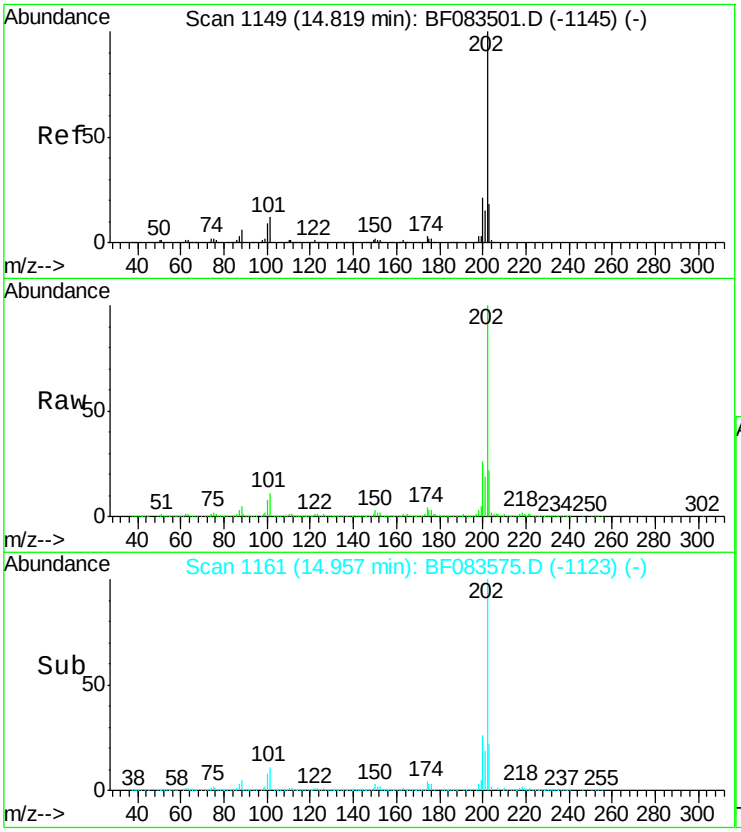


#72
Carbazole
Concen: 1030.49 ng
RT: 13.35 min Scan# 1020
Delta R.T. 0.07 min
Lab File: BF083575.D
Acq: 8 Dec 2015 00:27

Tgt Ion:167 Resp:13471461

Ion	Ratio	Lower	Upper
167	100		
166	25.5	17.2	25.8
139	15.9	9.3	13.9#



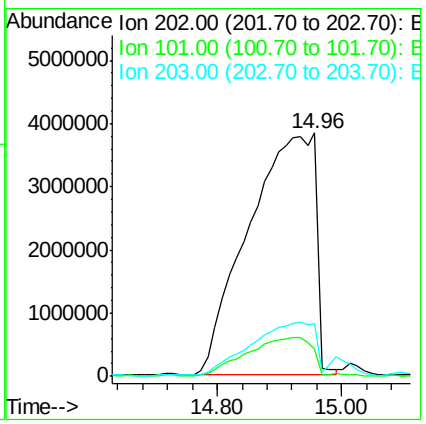


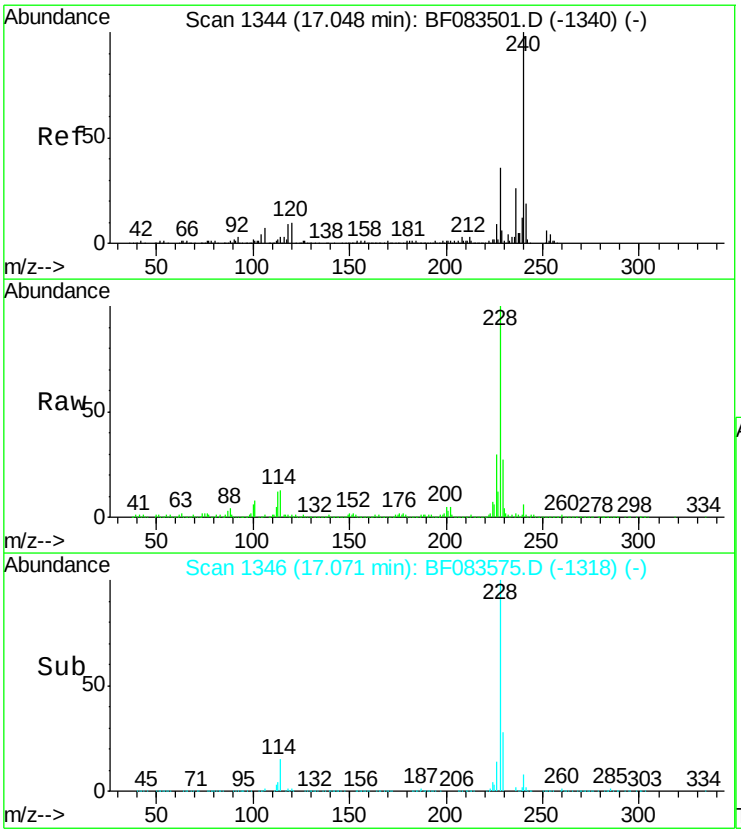
#74
Fluoranthene
Concen: 1932.17 ng
RT: 14.96 min Scan# 1161
Delta R.T. 0.14 min
Lab File: BF083575.D
Acq: 8 Dec 2015 00:27

Instrument :
BNA_F
ClientSampleId :
SHED-EAST-WALL

Tgt Ion:202 Resp:28585486

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	31.5
203	21.7	0.0	37.6

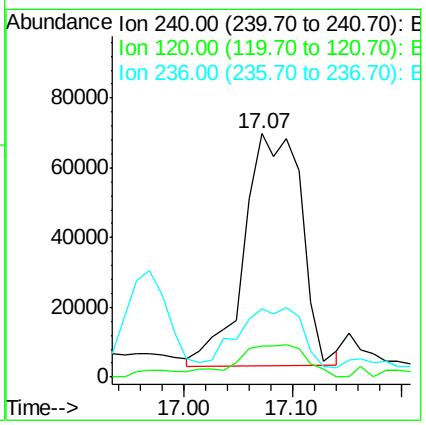


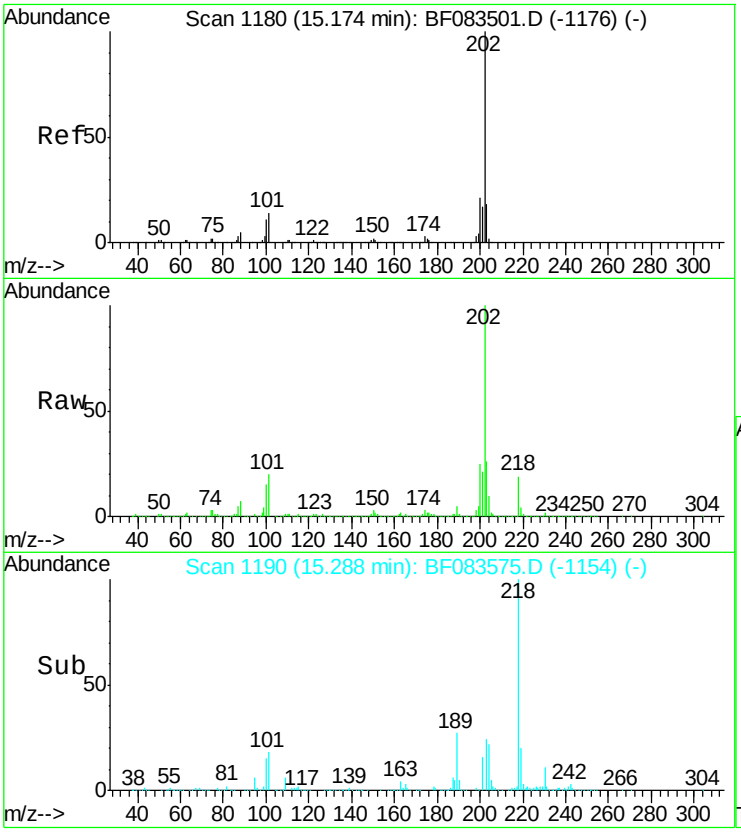


#75
Chrysene-d12
Concen: 20.00 ng
RT: 17.07 min Scan# 1346
Delta R.T. 0.02 min
Lab File: BF083575.D
Acq: 8 Dec 2015 00:27

Tgt Ion:240 Resp: 243313

Ion	Ratio	Lower	Upper
240	100		
120	13.0	8.1	12.1#
236	28.1	20.8	31.2



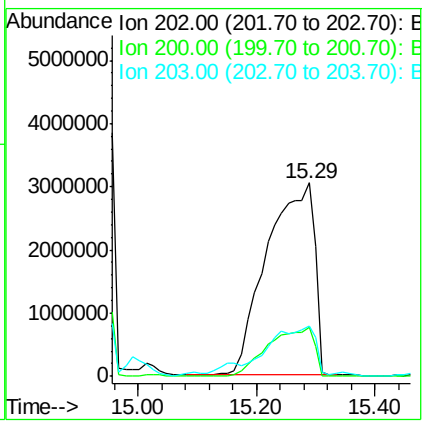


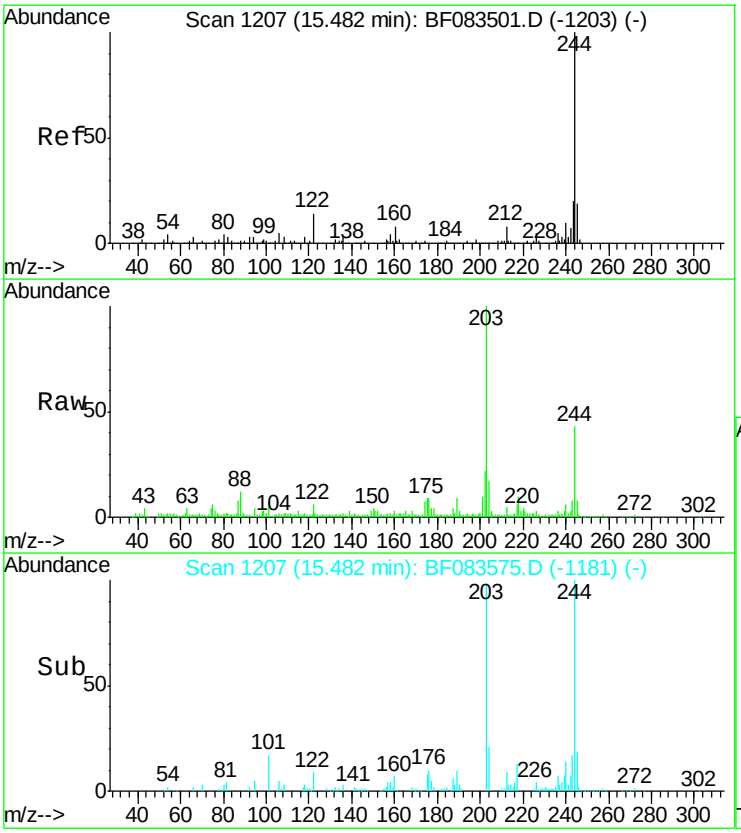
#77
Pyrene
Concen: 930.71 ng
RT: 15.29 min Scan# 1190
Delta R.T. 0.11 min
Lab File: BF083575.D
Acq: 8 Dec 2015 00:27

Instrument :
BNA_F
ClientSampleId :
SHED-EAST-WALL

Tgt Ion:202 Resp:16940241

Ion	Ratio	Lower	Upper
202	100		
200	25.2	16.7	25.1#
203	25.8	14.3	21.5#

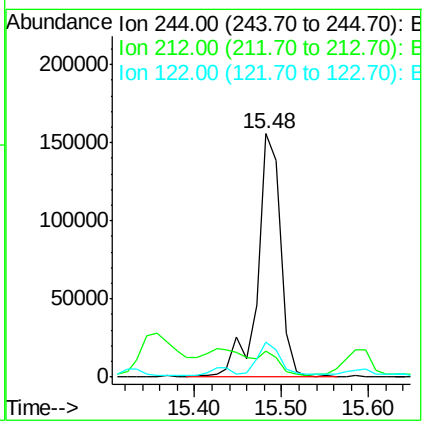


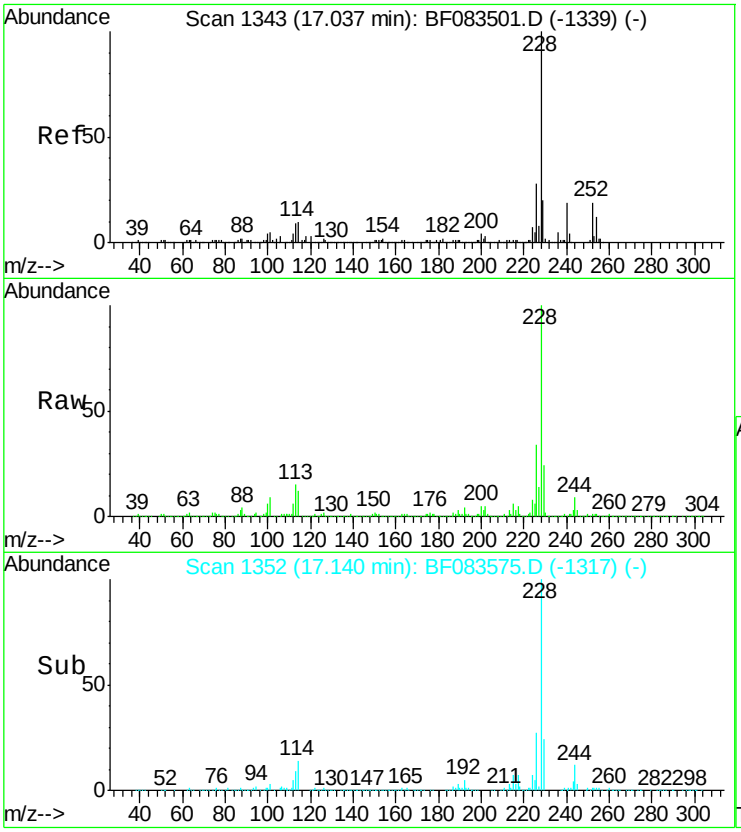


#78
Terphenyl-d14
Concen: 26.06 ng
RT: 15.48 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BF083575.D
Acq: 8 Dec 2015 00:27

Tgt Ion:244 Resp: 284902

Ion	Ratio	Lower	Upper
244	100		
212	10.5	6.1	9.1#
122	14.3	11.0	16.6



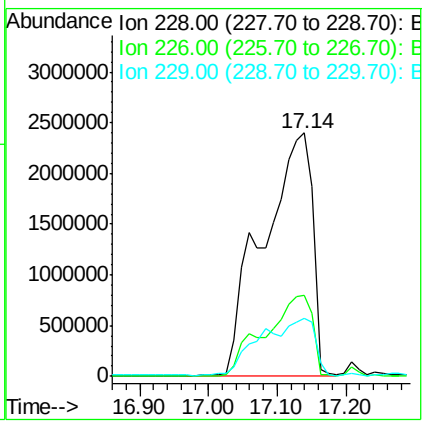


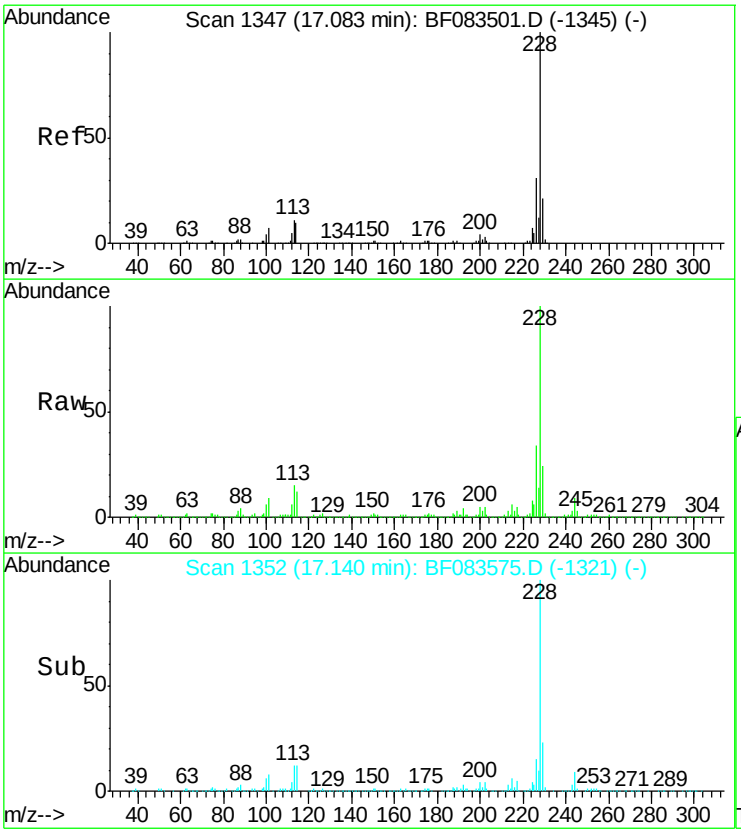
#80
Benzo(a)anthracene
Concen: 841.92 ng
RT: 17.14 min Scan# 1352
Delta R.T. 0.10 min
Lab File: BF083575.D
Acq: 8 Dec 2015 00:27

Instrument :
BNA_F
ClientSampleId :
SHED-EAST-WALL

Tgt Ion:228 Resp:11985497

Ion	Ratio	Lower	Upper
228	100		
226	33.5	22.3	33.5#
229	24.0	15.7	23.5#

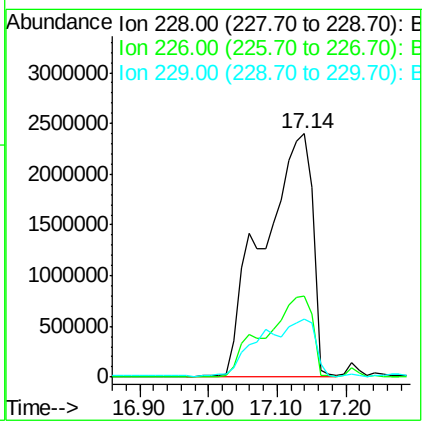


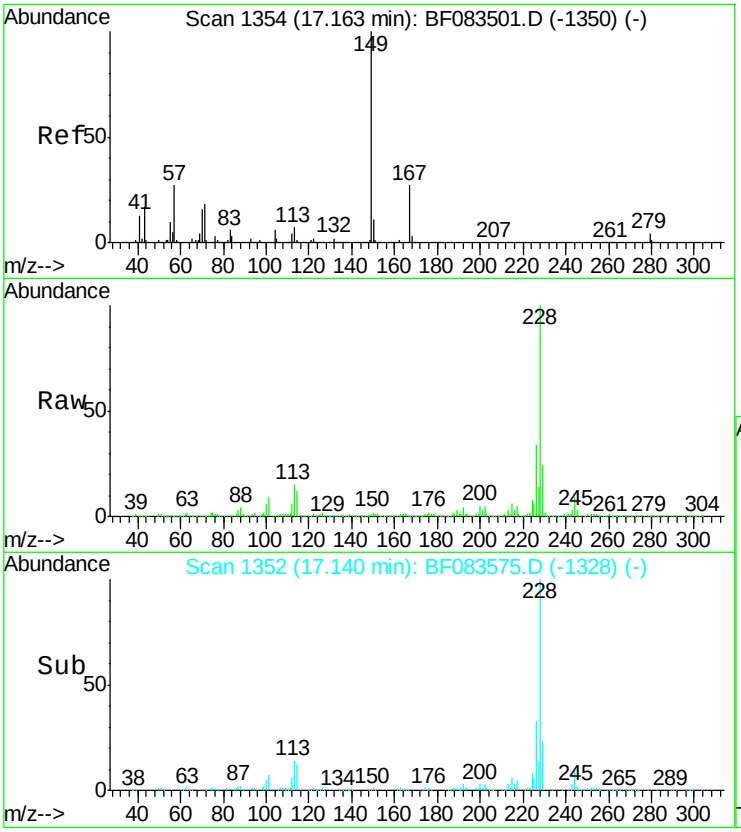


#82
Chrysene
Concen: 845.12 ng
RT: 17.14 min Scan# 1352
Delta R.T. 0.06 min
Lab File: BF083575.D
Acq: 8 Dec 2015 00:27

Tgt Ion:228 Resp:11985497

Ion	Ratio	Lower	Upper
228	100		
226	33.5	24.7	37.1
229	24.0	16.3	24.5



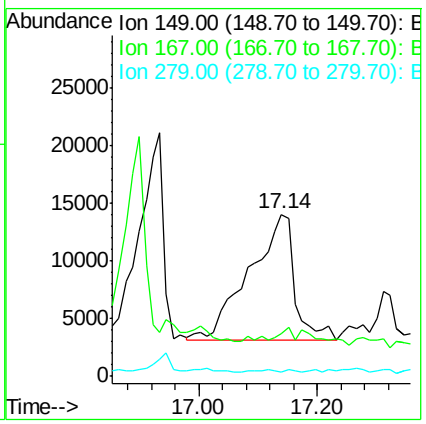


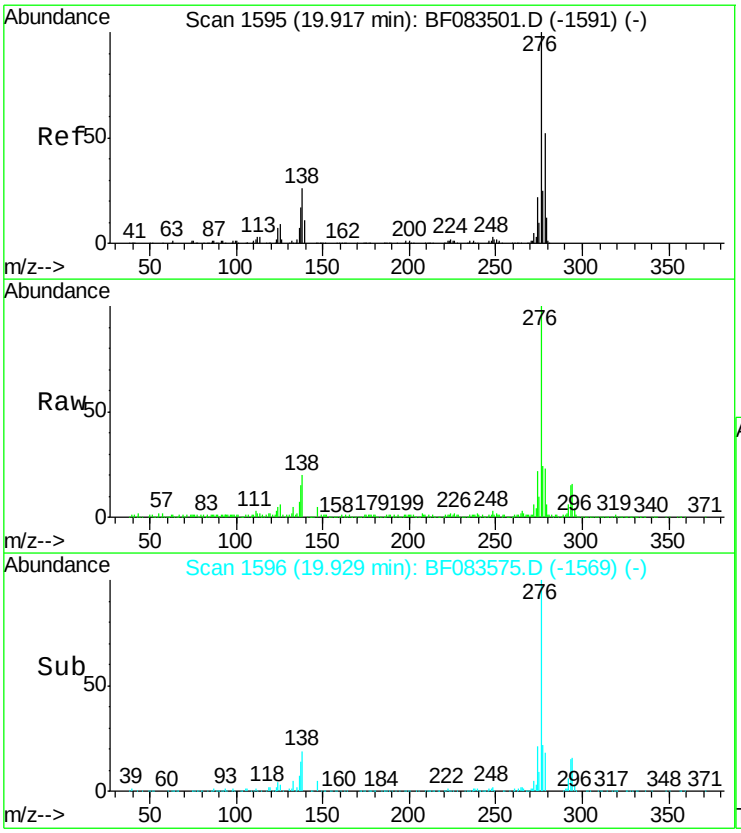
#83
Bis(2-ethylhexyl)phthalate
Concen: 6.09 ng
RT: 17.14 min Scan# 1352
Delta R.T. -0.02 min
Lab File: BF083575.D
Acq: 8 Dec 2015 00:27

Instrument :
BNA_F
ClientSampleId :
SHED-EAST-WALL

Tgt Ion:149 Resp: 57212

Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.8	32.8
279	2.8	3.0	4.4#

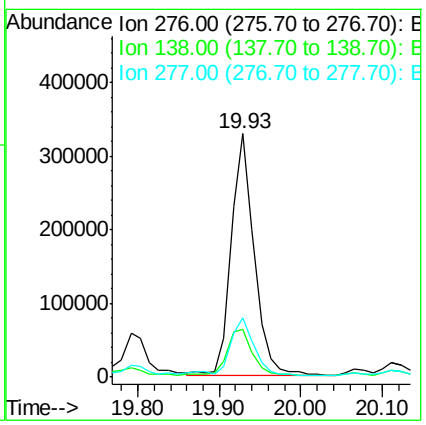


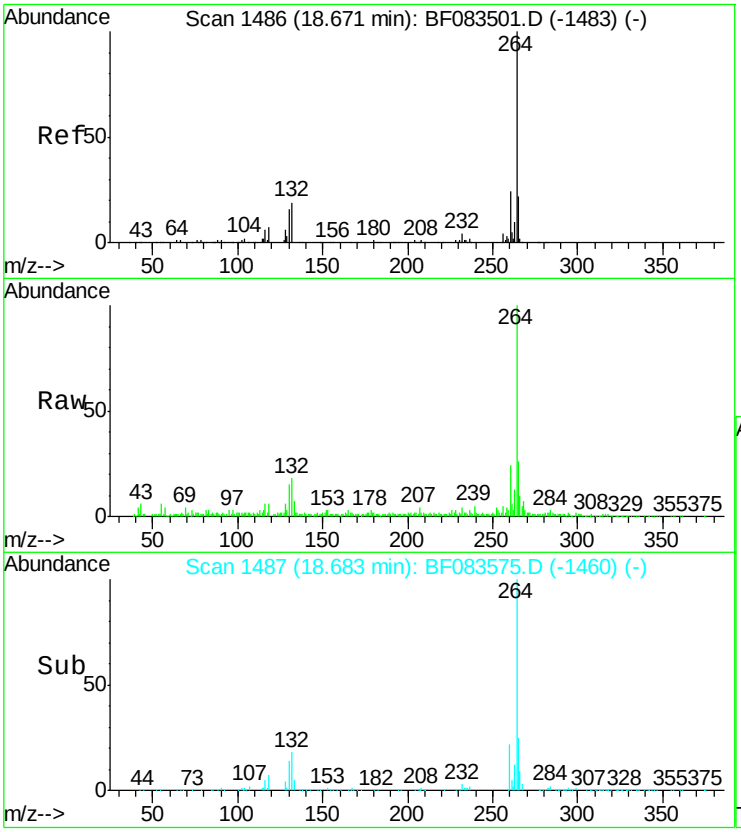


#85
Indeno(1,2,3-cd)pyrene
Concen: 52.74 ng
RT: 19.93 min Scan# 1596
Delta R.T. 0.01 min
Lab File: BF083575.D
Acq: 8 Dec 2015 00:27

Tgt Ion:276 Resp: 641130

Ion	Ratio	Lower	Upper
276	100		
138	21.9	0.0	0.0#
277	26.0	0.0	0.0#



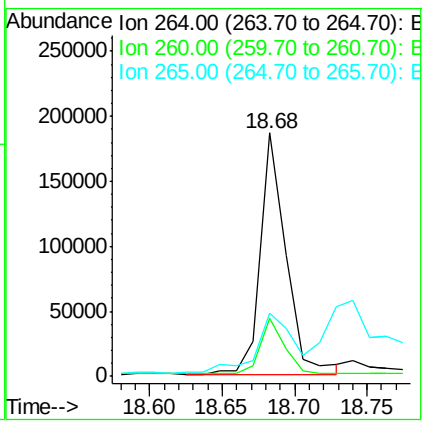


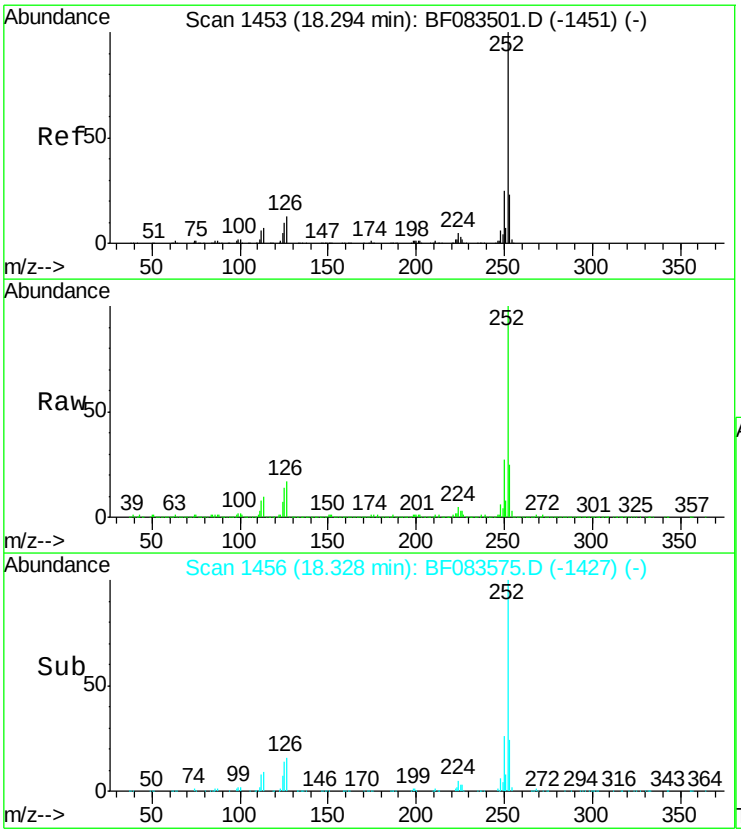
#86
Perylene-d12
Concen: 20.00 ng
RT: 18.68 min Scan# 1487
Delta R.T. 0.01 min
Lab File: BF083575.D
Acq: 8 Dec 2015 00:27

Instrument :
BNA_F
ClientSampleId :
SHED-EAST-WALL

Tgt Ion:264 Resp: 229374

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.0
265	25.9	17.8	26.6

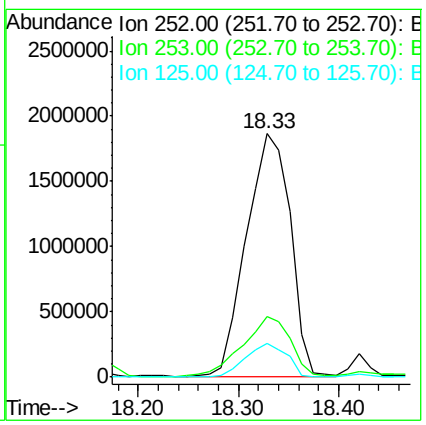


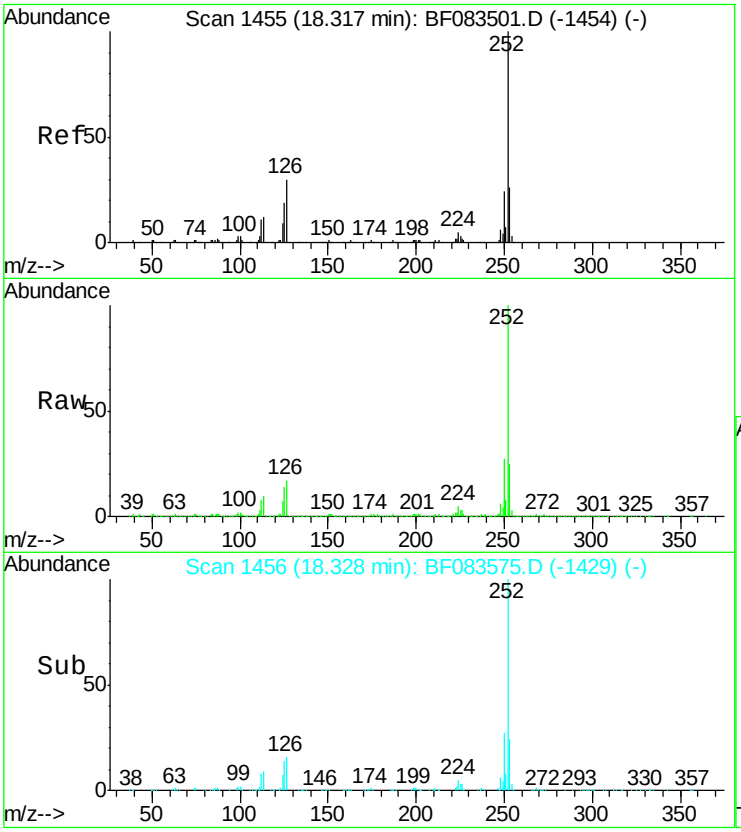


#87
Benzo(b)fluoranthene
Concen: 436.72 ng
RT: 18.33 min Scan# 1456
Delta R.T. 0.03 min
Lab File: BF083575.D
Acq: 8 Dec 2015 00:27

Tgt Ion:252 Resp: 5625640

Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.2	27.4
125	13.8	8.2	12.4#



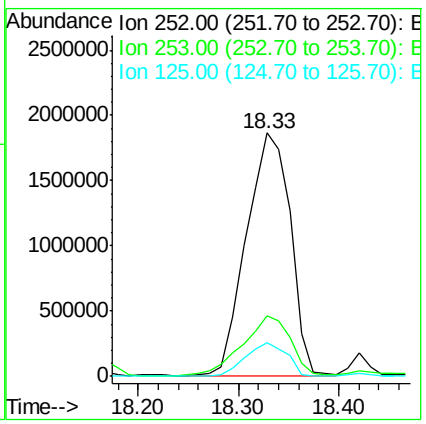


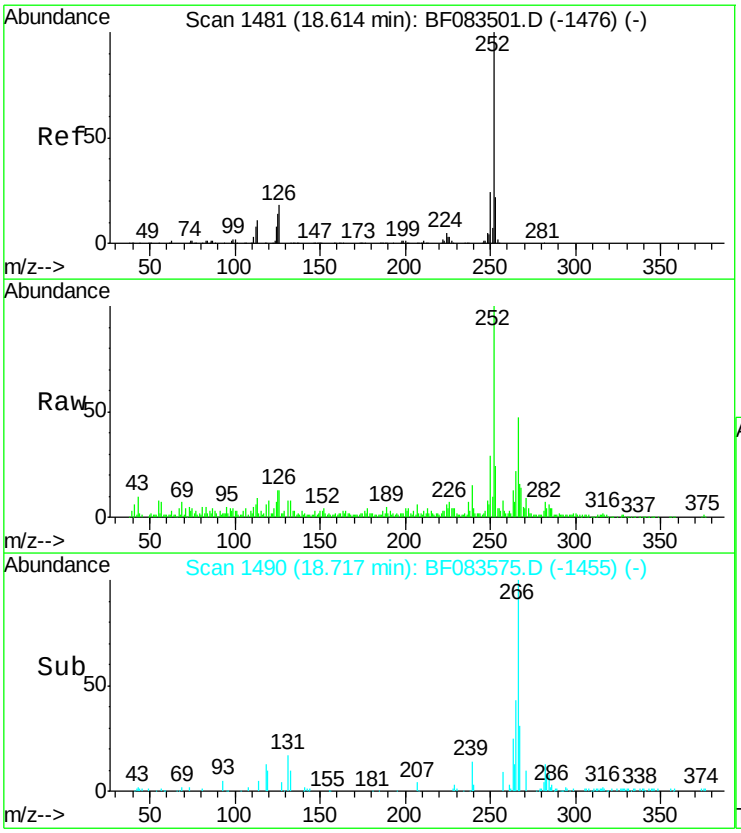
#88
Benzo(k)fluoranthene
Concen: 426.32 ng
RT: 18.33 min Scan# 1456
Delta R.T. 0.01 min
Lab File: BF083575.D
Acq: 8 Dec 2015 00:27

Instrument :
BNA_F
ClientSampleId :
SHED-EAST-WALL

Tgt Ion:252 Resp: 5625640

Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.6	27.8
125	13.8	11.5	17.3

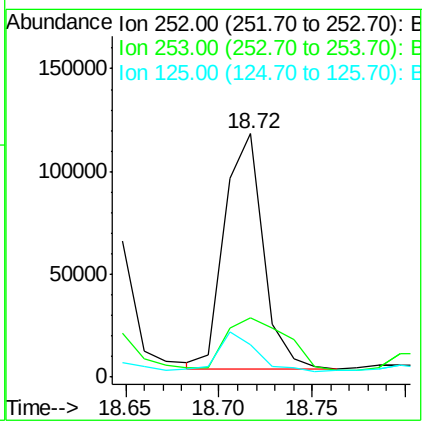


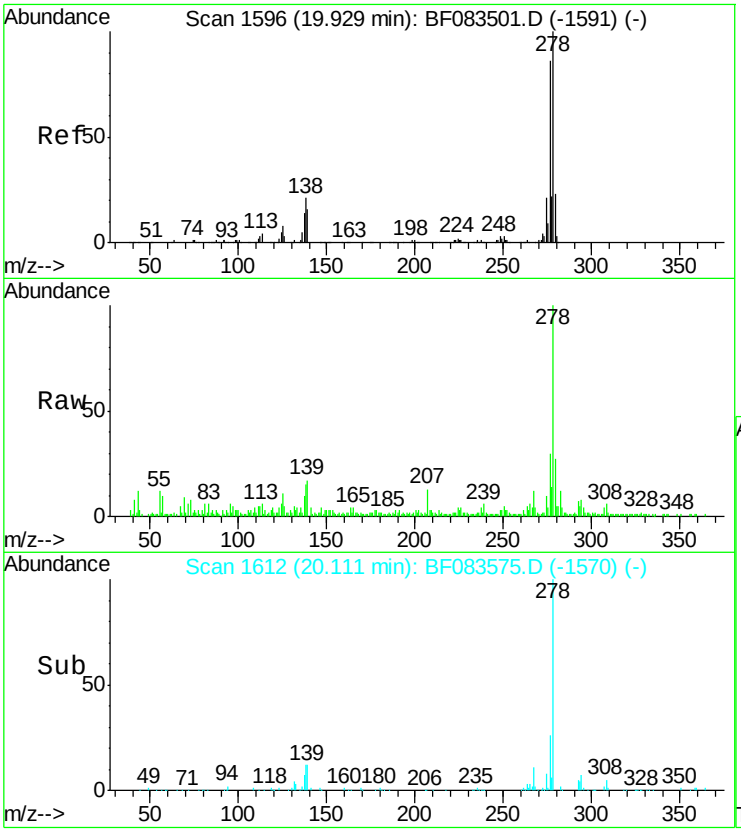


#89
Benzo(a)pyrene
Concen: 13.16 ng
RT: 18.72 min Scan# 1490
Delta R.T. 0.10 min
Lab File: BF083575.D
Acq: 8 Dec 2015 00:27

Tgt Ion:252 Resp: 164955

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.5	26.3
125	13.4	11.0	16.6



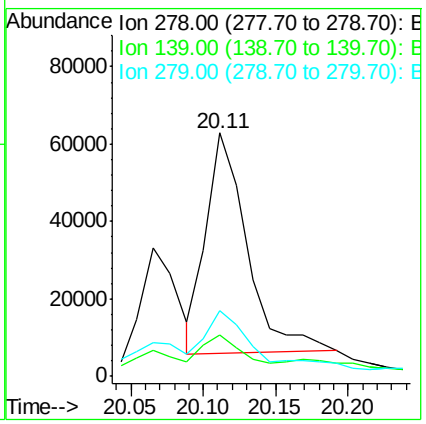


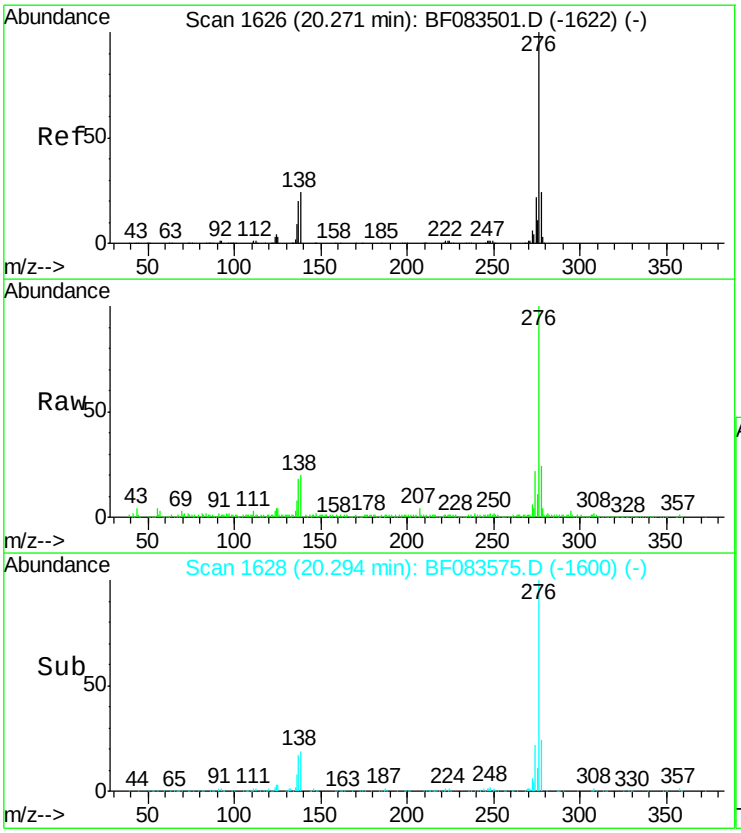
#90
Dibenzo(a,h)anthracene
Concen: 9.22 ng
RT: 20.11 min Scan# 1612
Delta R.T. 0.18 min
Lab File: BF083575.D
Acq: 8 Dec 2015 00:27

Instrument :
BNA_F
ClientSampleId :
SHED-EAST-WALL

Tgt Ion:278 Resp: 111145

Ion	Ratio	Lower	Upper
278	100		
139	16.9	12.8	19.2
279	27.2	18.6	28.0





#91
Benzo(g,h,i)perylene
Concen: 36.55 ng
RT: 20.29 min Scan# 1628
Delta R.T. 0.02 min
Lab File: BF083575.D
Acq: 8 Dec 2015 00:27

Tgt Ion:276 Resp: 444063

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.2	28.8
138	19.7	19.5	29.3