Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120715\
Data File : BF083580.D
Acq On : 8 Dec 2015 4:13
Operator : UM/IZ
Sample : G4694-04DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G9BK2DL

Quant Time: Dec 08 06:33:49 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	153163	20.00	ng	-0.05
21) Naphthalene-d8	7.62	136	561320	20.00	ng	-0.06
38) Acenaphthene-d10	10.41	164	253313	20.00	ng	-0.06
63) Phenanthrene-d10	12.81	188	405823	20.00	ng	-0.05
75) Chrysene-d12	17.01	240	369376	20.00	ng	-0.03
86) Perylene-d12	18.66	264	283586	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.01	112	195598	19.37	ng	-0.02
7) Phenol-d6	5.30	99	272955	19.62	ng	-0.02
23) Nitrobenzene-d5	6.56	82	169856	14.14	ng	-0.05
41) 2,4,6-Tribromophenol	11.71	330	38592	16.52	ng	-0.05
44) 2-Fluorobiphenyl	9.37	172	239290	12.81	ng	-0.06
78) Terphenyl-d14	15.44	244	171939	10.36	ng	-0.05
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	6.56	70	20978	2.26	ng	# 78
32) Benzoic acid	7.47	122	290	2.70	ng	# 48
48) Acenaphthylene	10.19	152	254216	9.15	ng	96
49) Dimethylphthalate	10.05	163	57415	2.88	ng	99
70) Phenanthrene	12.85	178	195072	8.26	ng	98
71) Anthracene	12.93	178	129152	5.36	ng	98
74) Fluoranthene	14.77	202	542110	23.16	ng	98
77) Pyrene	15.14	202	744175	26.93	ng	99
80) Benzo(a)anthracene	17.05	228	427067	19.76	ng	94
82) Chrysene	17.05	228	430131	19.98	ng	98
85) Indeno(1,2,3-cd)pyrene	19.92	276	171080	9.27	ng	# 100
87) Benzo(b)fluoranthene	18.28	252	520299	32.67	ng	98
88) Benzo(k)fluoranthene	18.39	252	88169	5.40	ng	99
89) Benzo(a)pyrene	18.60	252	282069	18.21	ng	97
91) Benzo(g,h,i)perylene	20.27	276	170740	11.37	ng	99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120715\
Data File : BF083580.D
Acq On : 8 Dec 2015 4:13
Operator : UM/IZ
Sample : G4694-04DL 5X
Misc :
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Instrument :
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Quant Time: Dec 08 06:33:49 2015
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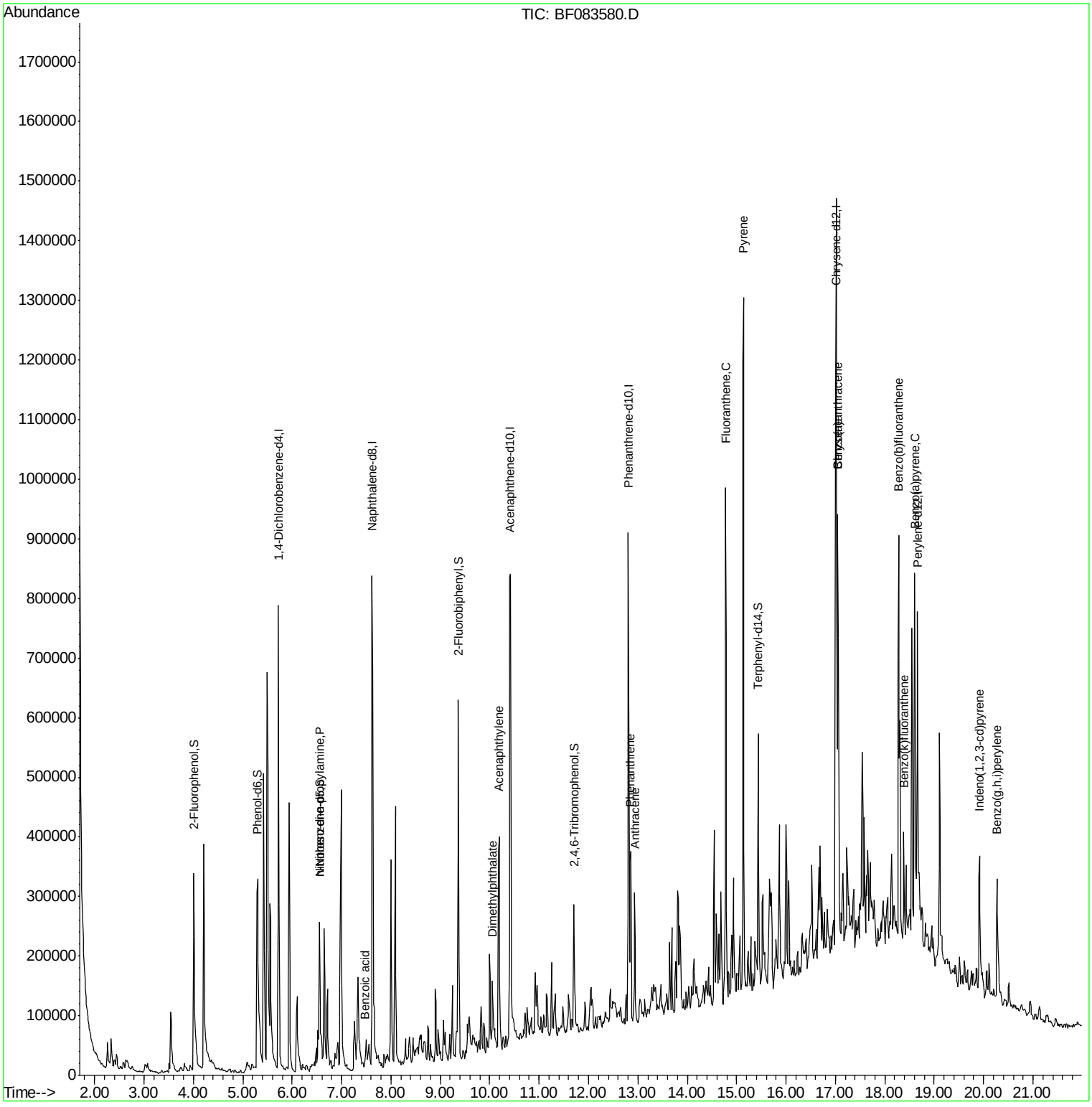
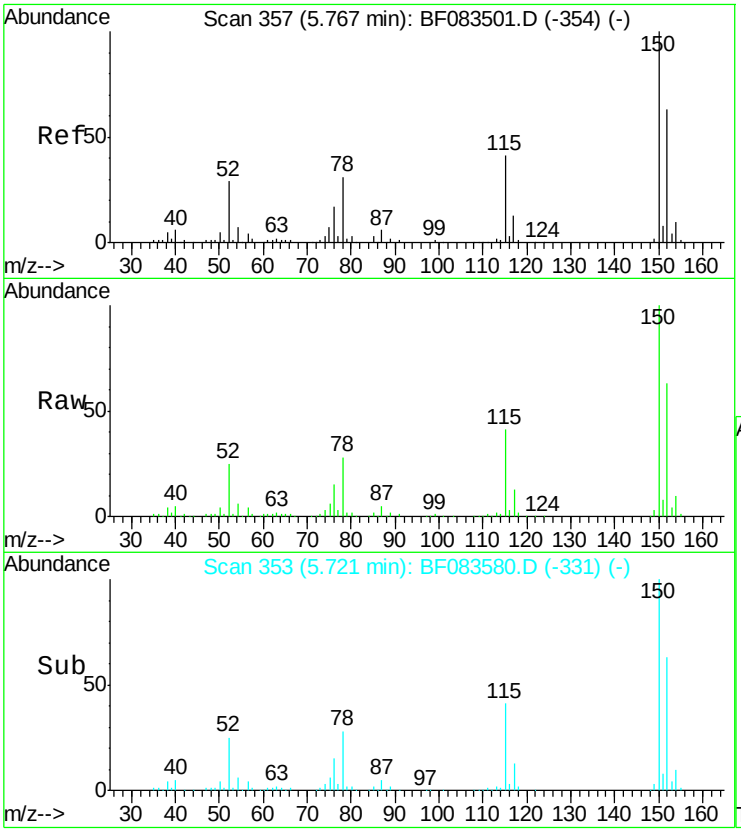
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 05 04:12:46 2015
Response via : Initial Calibration



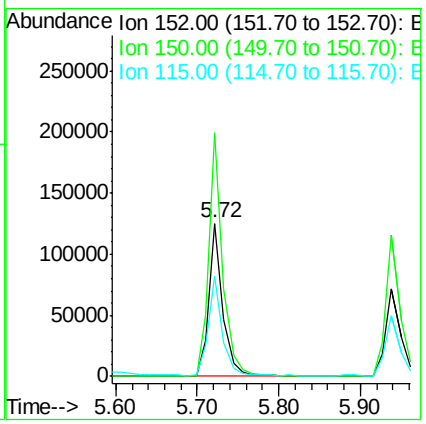


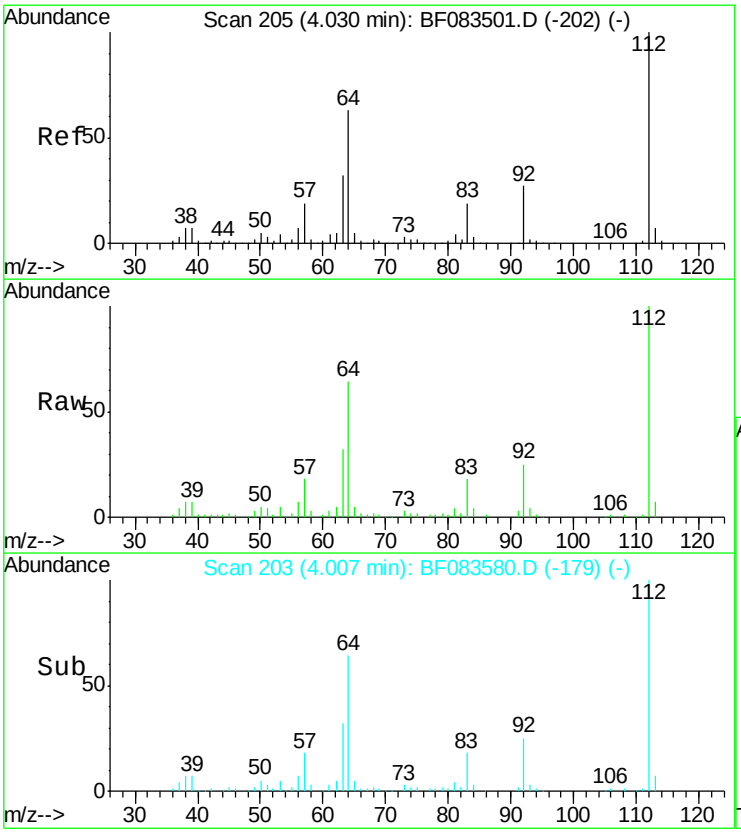
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.72 min Scan# 353
Delta R.T. -0.05 min
Lab File: BF083580.D
Acq: 8 Dec 2015 4:13

Instrument :
BNA_F
ClientSampleId :
G9BK2DL

Tgt Ion:152 Resp: 153163

Ion	Ratio	Lower	Upper
152	100		
150	158.8	126.5	189.7
115	65.2	52.3	78.5

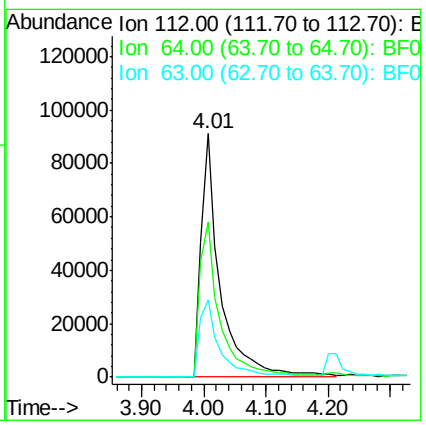


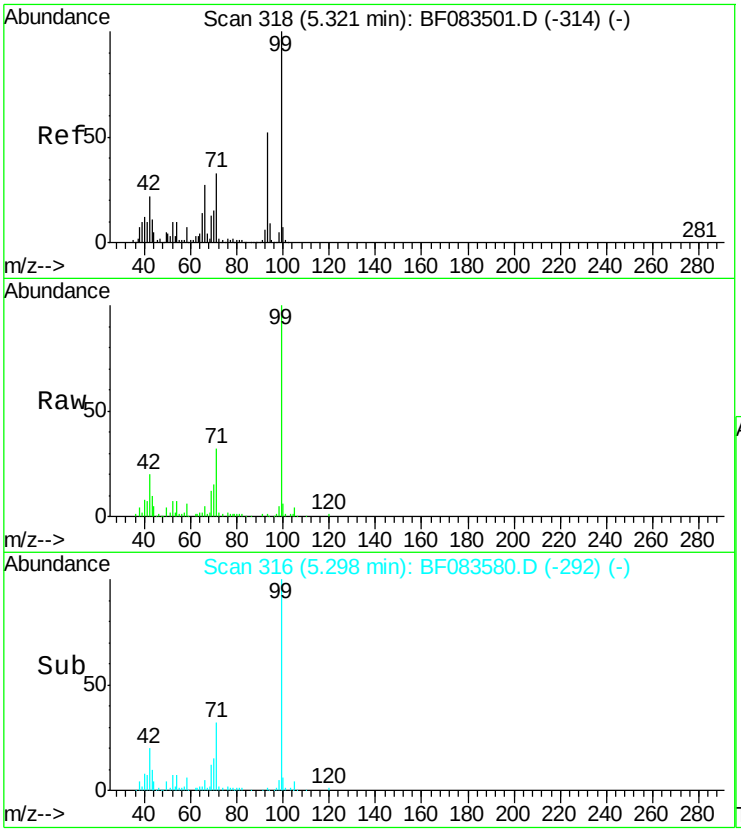


#5
2-Fluorophenol
Concen: 19.37 ng
RT: 4.01 min Scan# 203
Delta R.T. -0.02 min
Lab File: BF083580.D
Acq: 8 Dec 2015 4:13

Tgt Ion:112 Resp: 195598

Ion	Ratio	Lower	Upper
112	100		
64	64.0	50.5	75.7
63	31.6	25.8	38.6



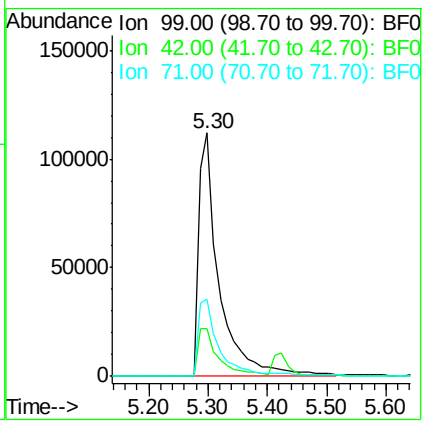


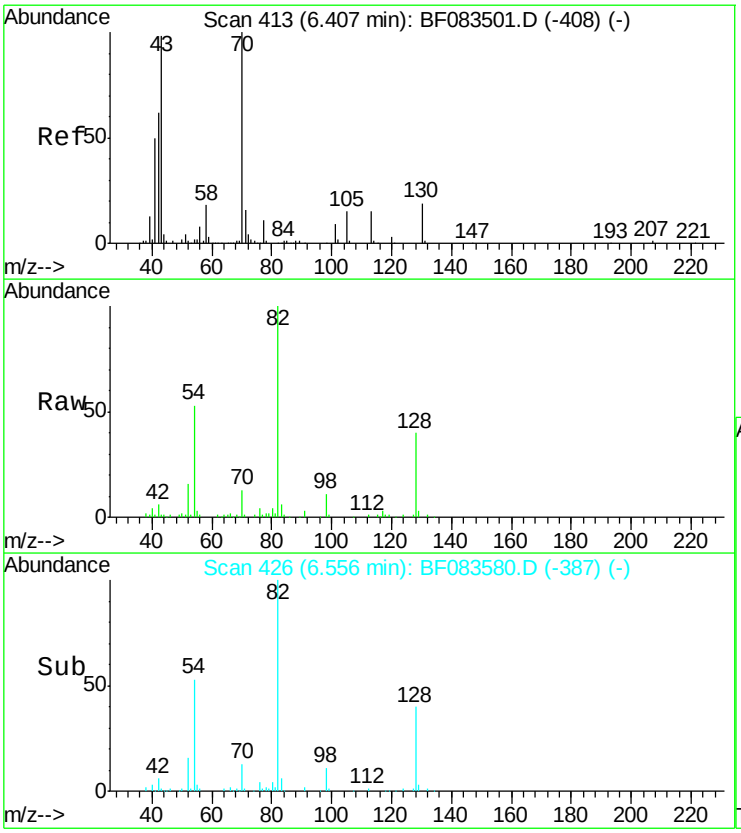
#7
Phenol-d6
Concen: 19.62 ng
RT: 5.30 min Scan# 316
Delta R.T. -0.02 min
Lab File: BF083580.D
Acq: 8 Dec 2015 4:13

Instrument :
BNA_F
ClientSampleId :
G9BK2DL

Tgt Ion: 99 Resp: 272955

Ion	Ratio	Lower	Upper
99	100		
42	19.7	17.3	25.9
71	31.6	26.6	40.0

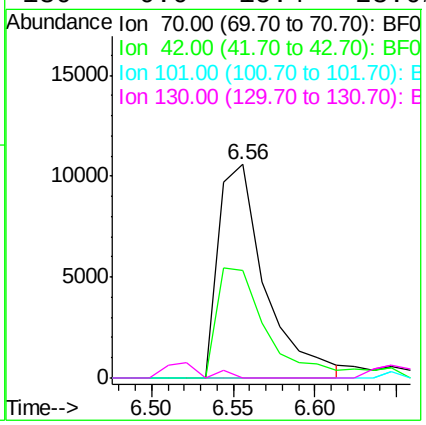


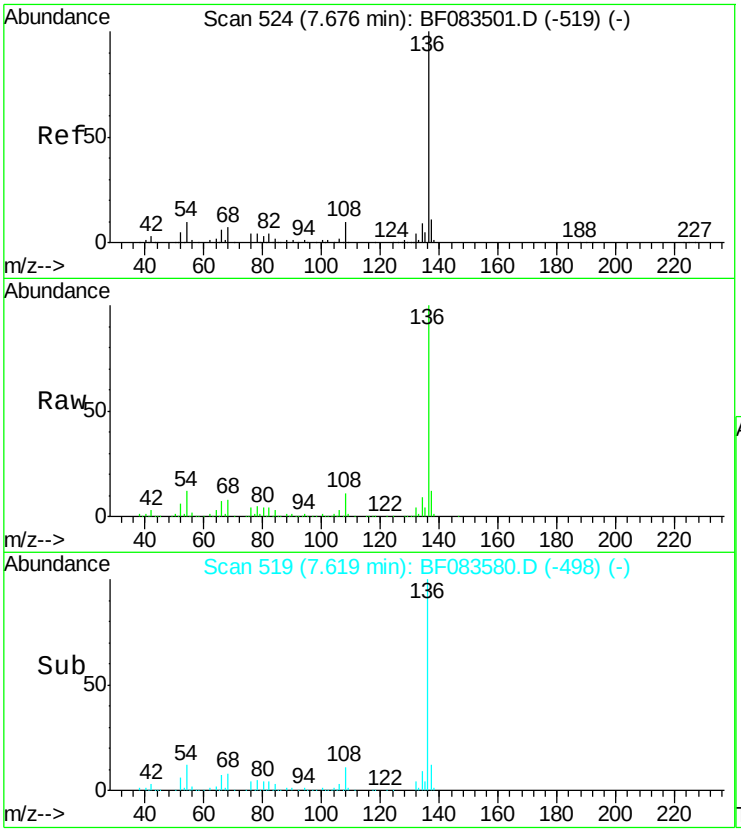


#19
n-Nitroso-di-n-propylamine
Concen: 2.26 ng
RT: 6.56 min Scan# 426
Delta R.T. 0.15 min
Lab File: BF083580.D
Acq: 8 Dec 2015 4:13

Tgt Ion: 70 Resp: 20978

Ion	Ratio	Lower	Upper
70	100		
42	50.2	49.2	73.8
101	0.0	7.1	10.7#
130	0.0	15.4	23.0#



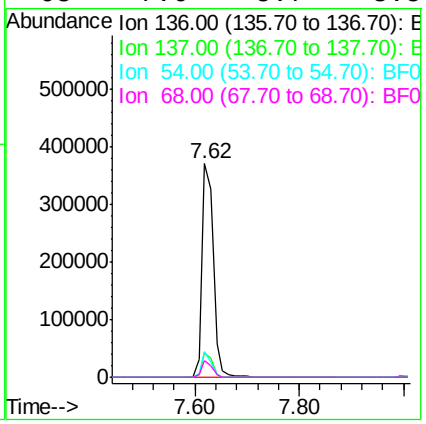


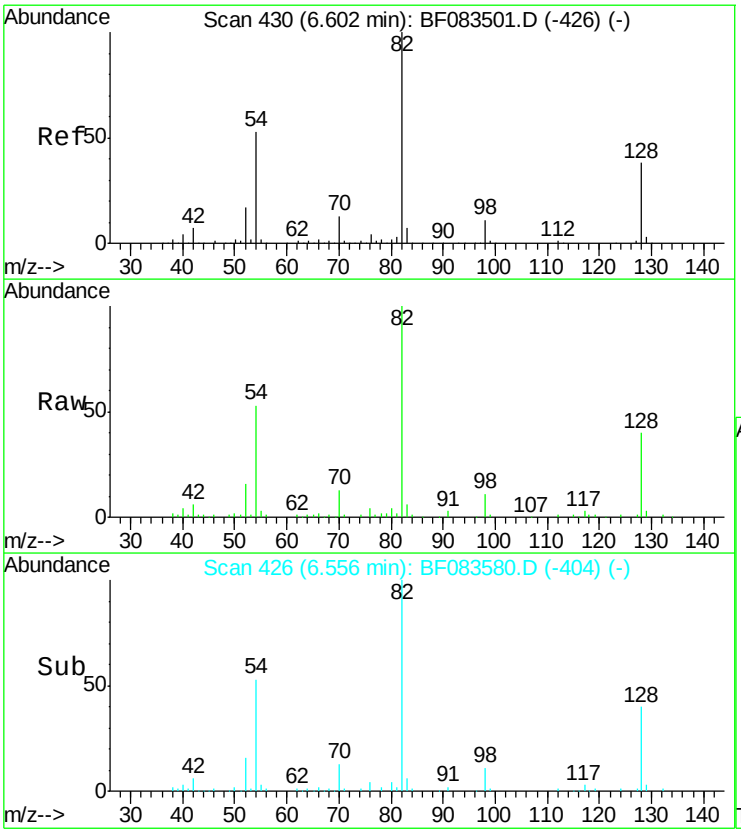
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.62 min Scan# 519
Delta R.T. -0.06 min
Lab File: BF083580.D
Acq: 8 Dec 2015 4:13

Instrument :
BNA_F
ClientSampleId :
G9BK2DL

Tgt Ion:136 Resp: 561320

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	12.2	7.8	11.6#
68	7.6	5.7	8.5

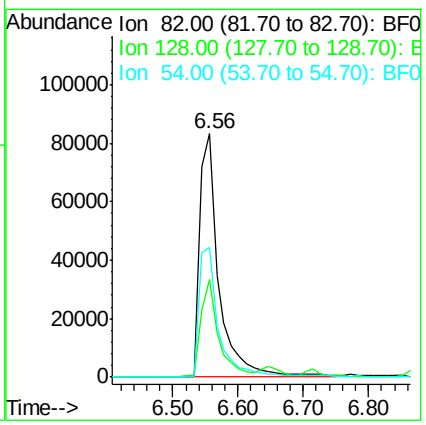


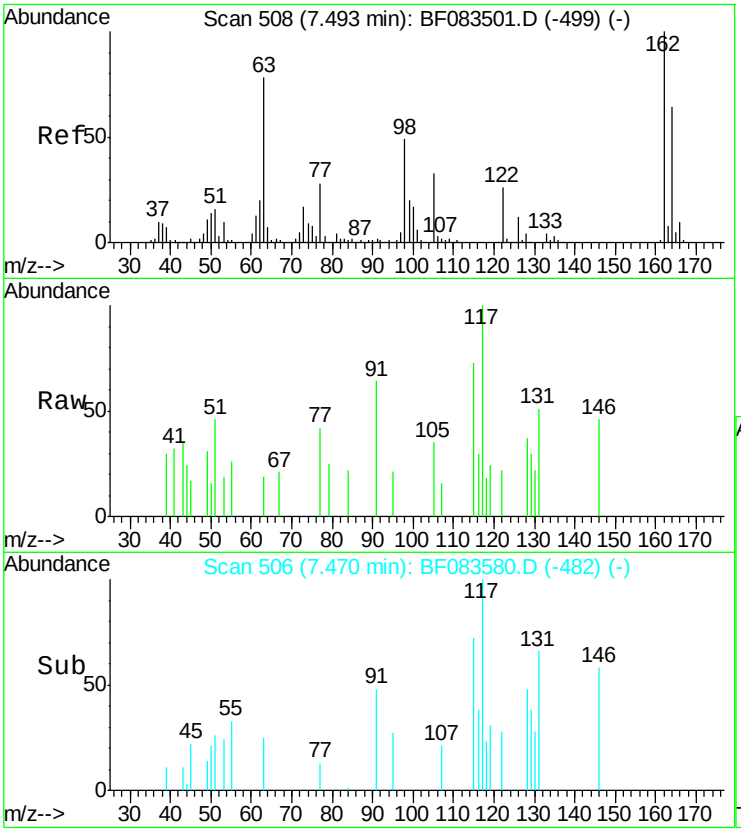


#23
Nitrobenzene-d5
Concen: 14.14 ng
RT: 6.56 min Scan# 426
Delta R.T. -0.05 min
Lab File: BF083580.D
Acq: 8 Dec 2015 4:13

Tgt Ion: 82 Resp: 169856

Ion	Ratio	Lower	Upper
82	100		
128	40.0	30.7	46.1
54	53.1	42.5	63.7



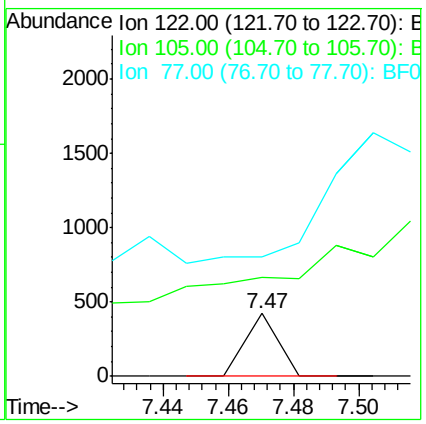


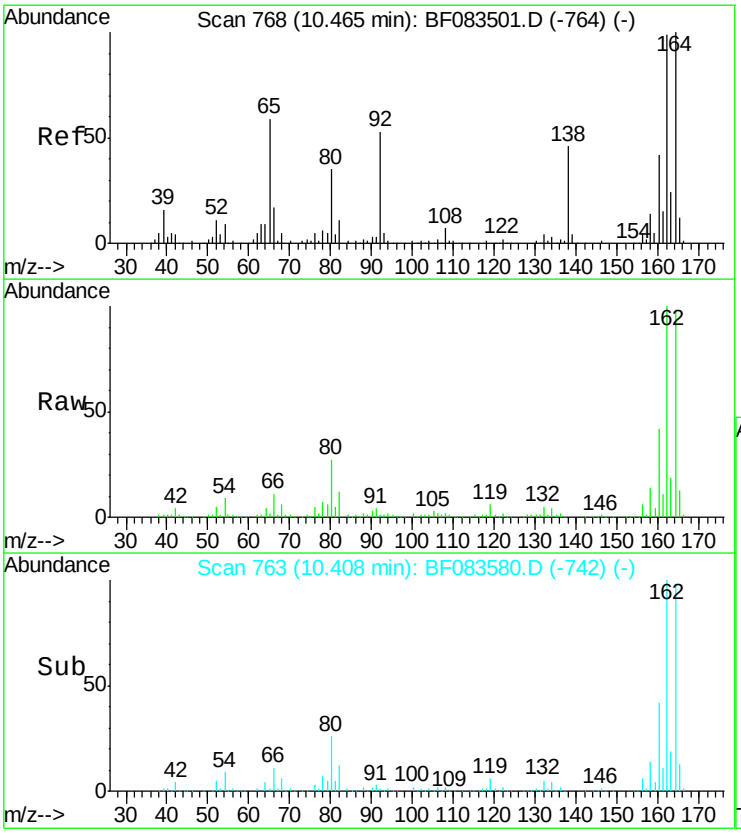
#32
Benzoic acid
Concen: 2.70 ng
RT: 7.47 min Scan# 506
Delta R.T. -0.02 min
Lab File: BF083580.D
Acq: 8 Dec 2015 4:13

Instrument :
BNA_F
ClientSampleId :
G9BK2DL

Tgt Ion:122 Resp: 290

Ion	Ratio	Lower	Upper
122	100		
105	157.4	105.6	145.6#
77	189.6	86.8	126.8#

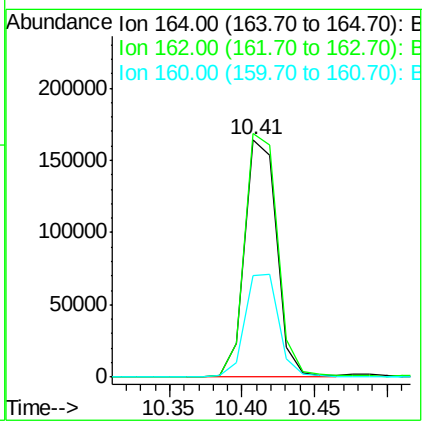


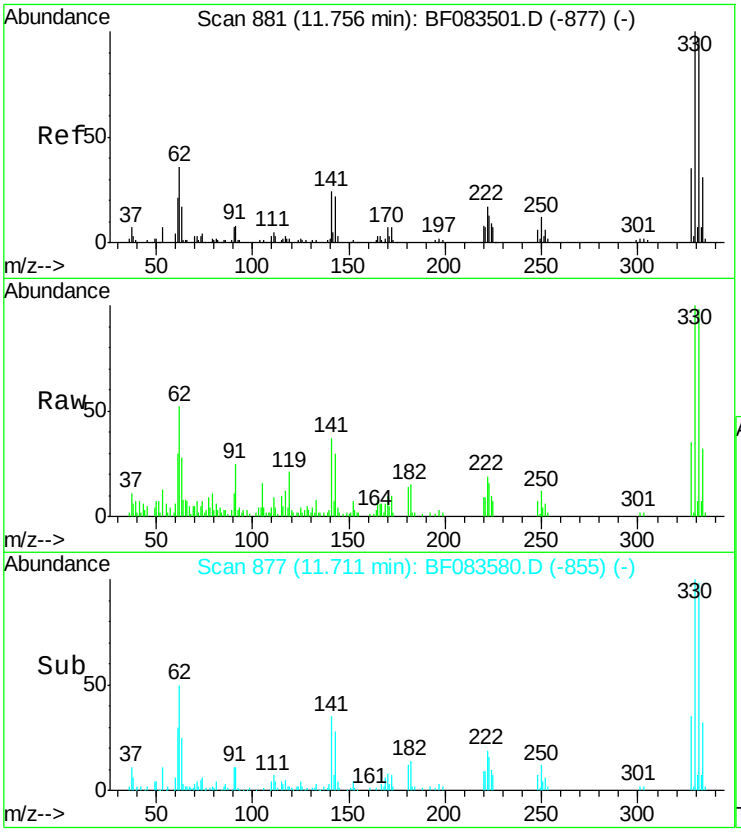


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.41 min Scan# 763
Delta R.T. -0.06 min
Lab File: BF083580.D
Acq: 8 Dec 2015 4:13

Tgt Ion:164 Resp: 253313

Ion	Ratio	Lower	Upper
164	100		
162	102.4	78.8	118.2
160	43.0	33.4	50.2



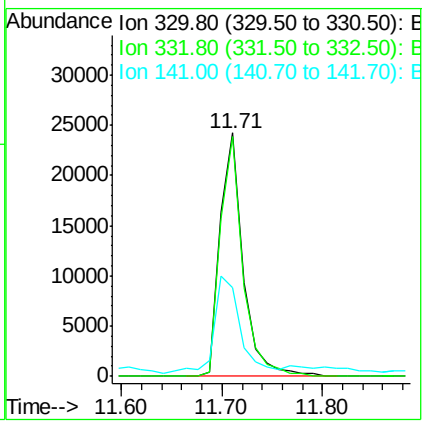


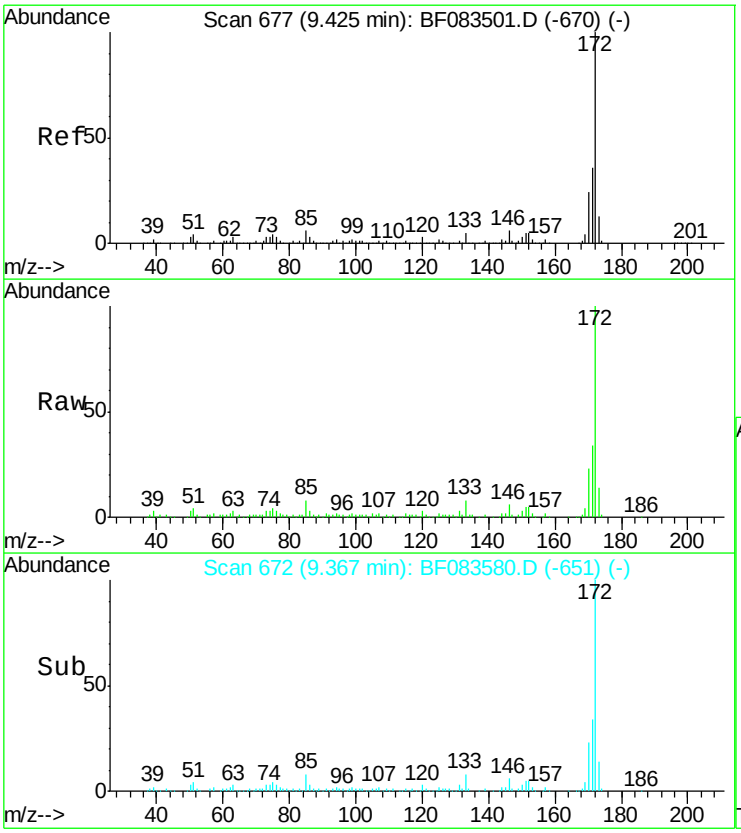
#41
2,4,6-Tribromophenol
Concen: 16.52 ng
RT: 11.71 min Scan# 877
Delta R.T. -0.05 min
Lab File: BF083580.D
Acq: 8 Dec 2015 4:13

Instrument :
BNA_F
ClientSampleId :
G9BK2DL

Tgt Ion:330 Resp: 38592

Ion	Ratio	Lower	Upper
330	100		
332	96.5	0.0	0.0#
141	44.8	0.0	0.0#

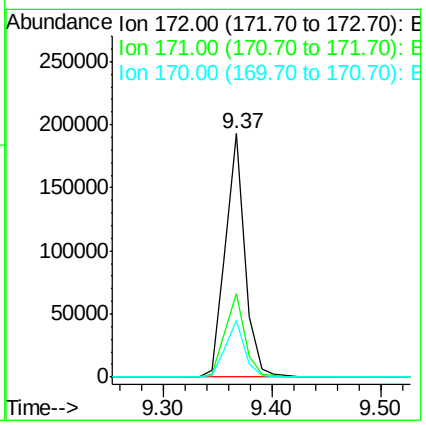


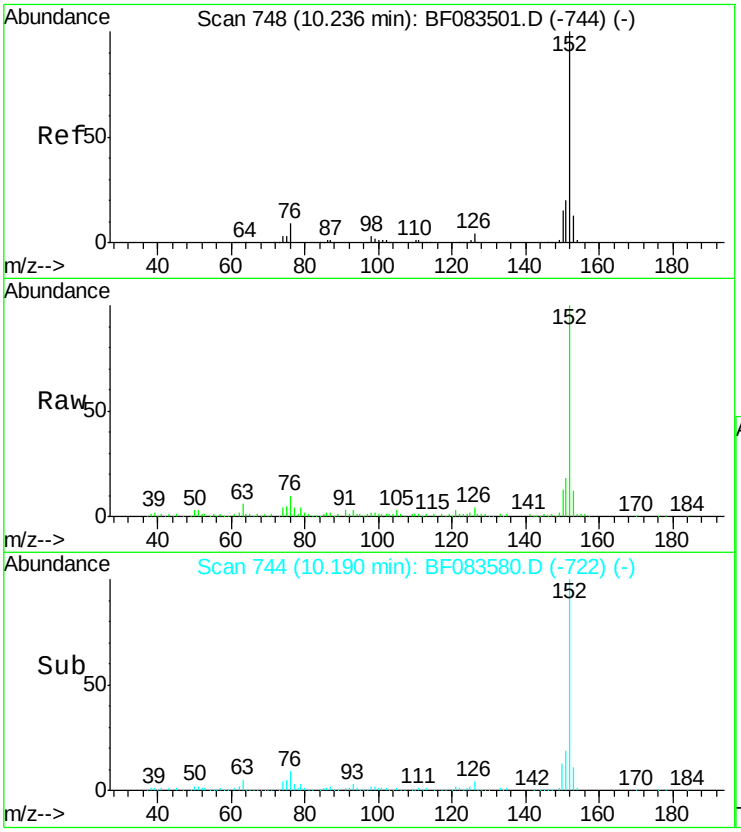


#44
2-Fluorobiphenyl
Concen: 12.81 ng
RT: 9.37 min Scan# 672
Delta R.T. -0.06 min
Lab File: BF083580.D
Acq: 8 Dec 2015 4:13

Tgt Ion:172 Resp: 239290

Ion	Ratio	Lower	Upper
172	100		
171	34.3	28.6	42.8
170	23.3	19.4	29.0



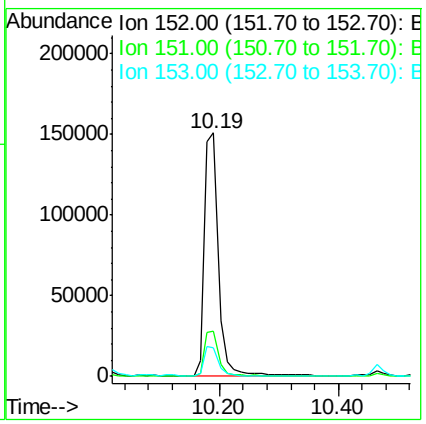


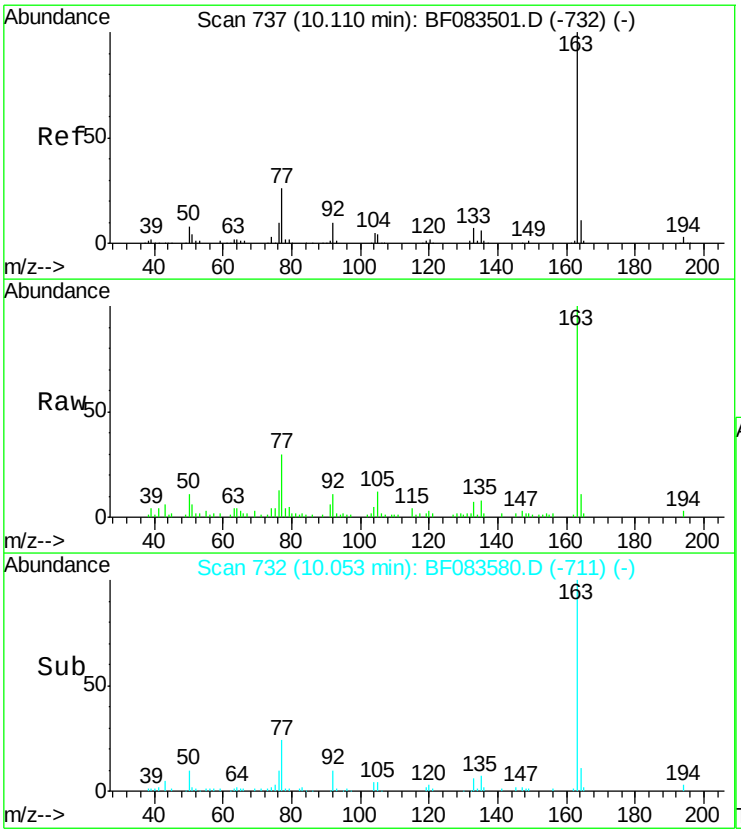
#48
Acenaphthylene
Concen: 9.15 ng
RT: 10.19 min Scan# 744
Delta R.T. -0.05 min
Lab File: BF083580.D
Acq: 8 Dec 2015 4:13

Instrument :
BNA_F
ClientSampleId :
G9BK2DL

Tgt Ion:152 Resp: 254216

Ion	Ratio	Lower	Upper
152	100		
151	18.5	16.3	24.5
153	11.9	10.8	16.2

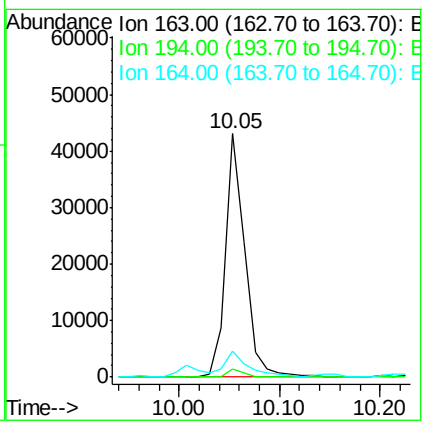


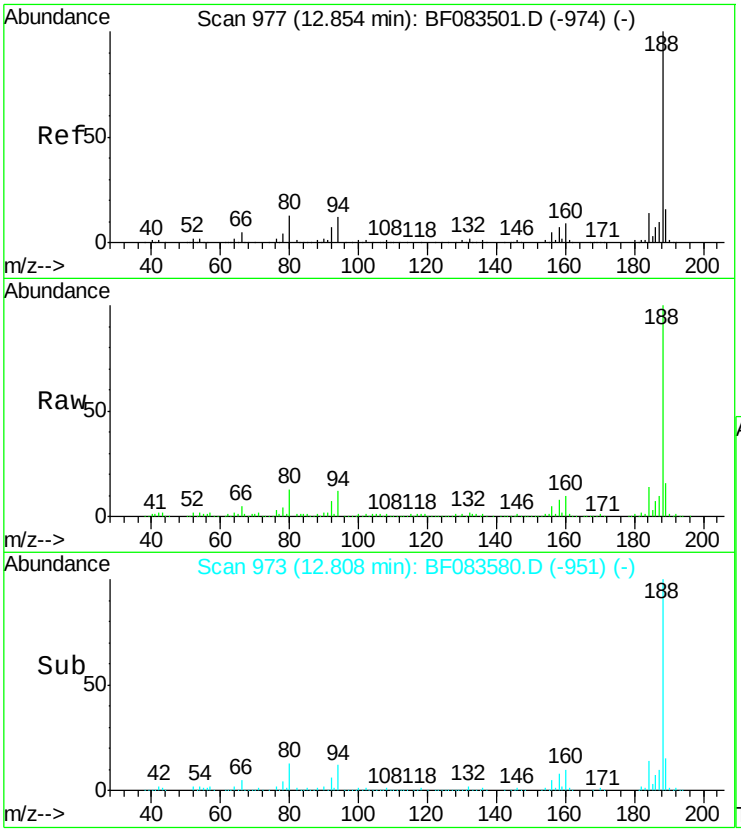


#49
Dimethylphthalate
Concen: 2.88 ng
RT: 10.05 min Scan# 732
Delta R.T. -0.06 min
Lab File: BF083580.D
Acq: 8 Dec 2015 4:13

Tgt Ion:163 Resp: 57415

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.8	4.2
164	10.6	8.6	13.0



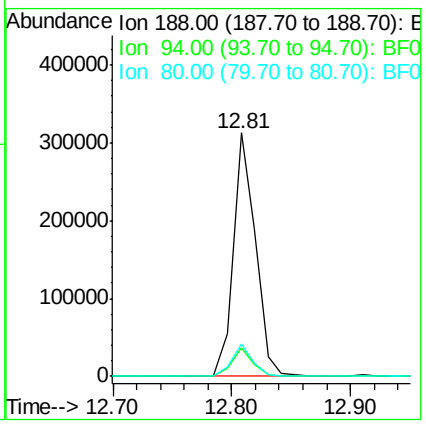


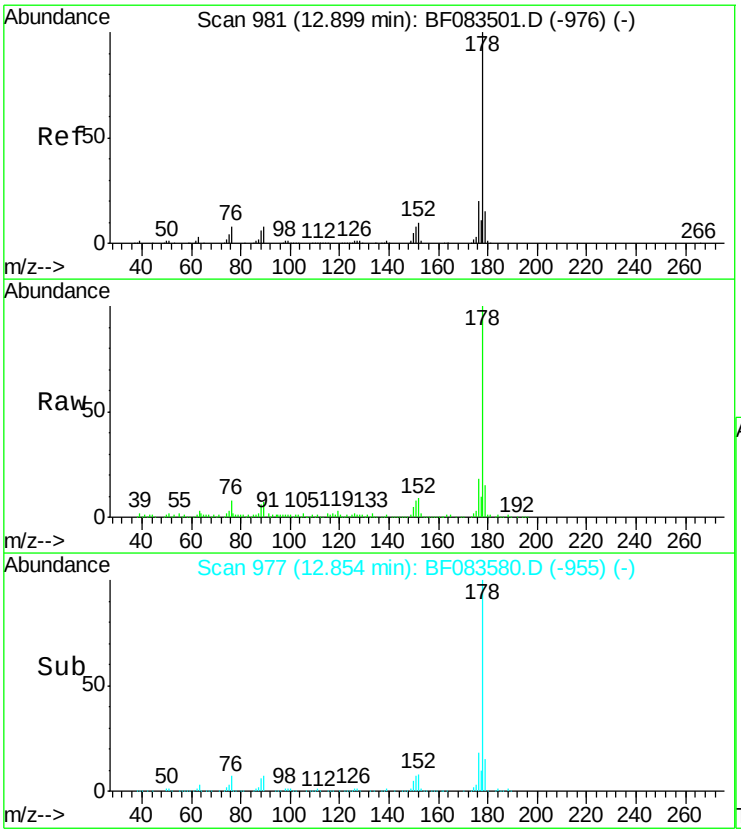
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.81 min Scan# 973
Delta R.T. -0.05 min
Lab File: BF083580.D
Acq: 8 Dec 2015 4:13

Instrument :
BNA_F
ClientSampleId :
G9BK2DL

Tgt Ion:188 Resp: 405823

Ion	Ratio	Lower	Upper
188	100		
94	11.9	9.4	14.2
80	13.1	10.6	16.0

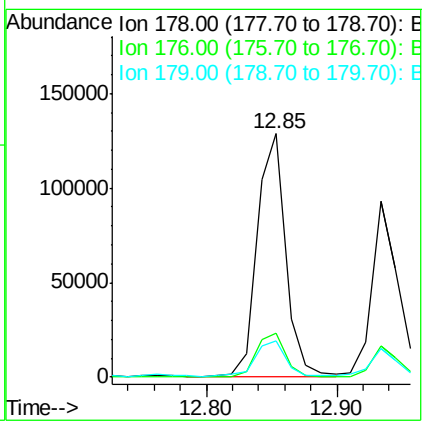


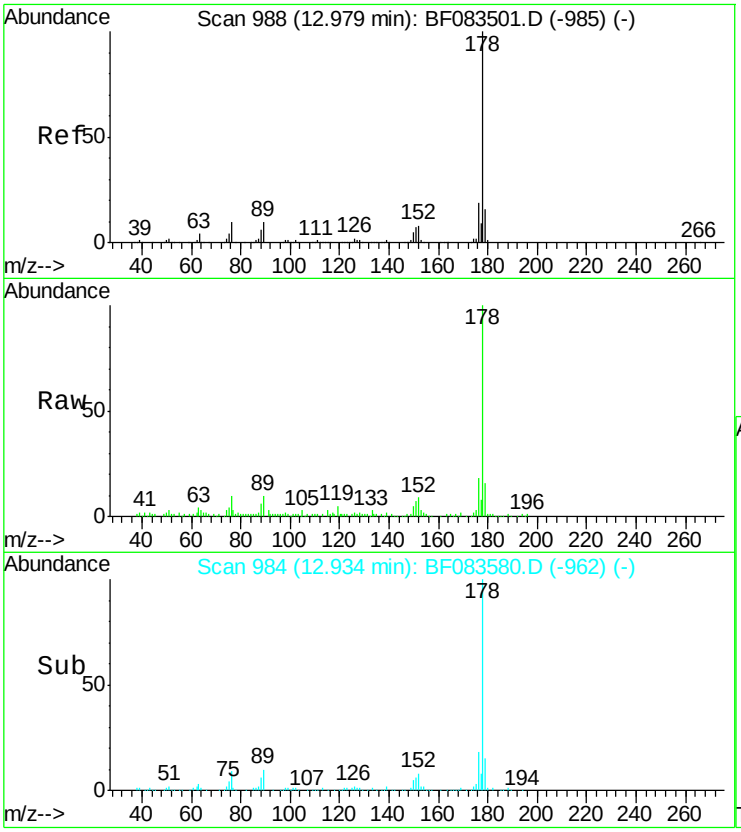


#70
Phenanthrene
Concen: 8.26 ng
RT: 12.85 min Scan# 977
Delta R.T. -0.05 min
Lab File: BF083580.D
Acq: 8 Dec 2015 4:13

Tgt Ion:178 Resp: 195072

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.7	23.5
179	15.1	12.2	18.4



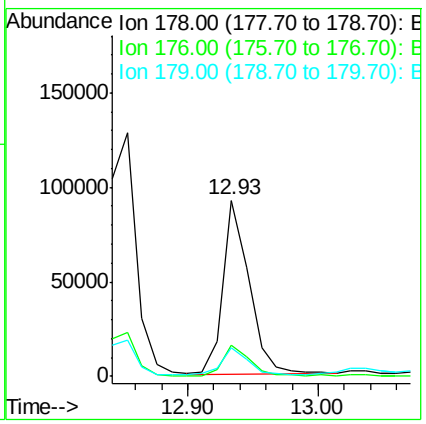


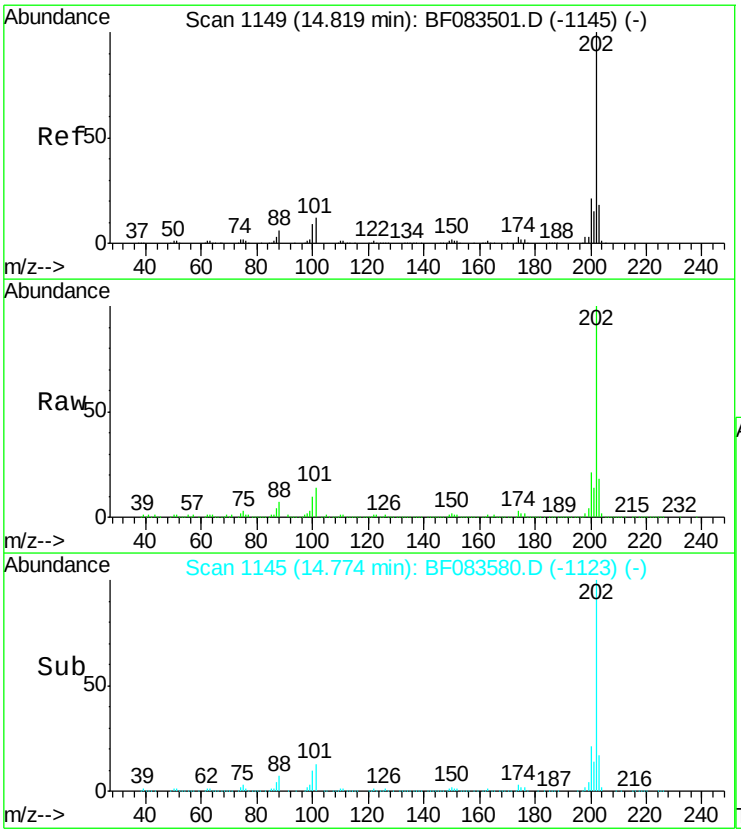
#71
Anthracene
Concen: 5.36 ng
RT: 12.93 min Scan# 984
Delta R.T. -0.05 min
Lab File: BF083580.D
Acq: 8 Dec 2015 4:13

Instrument :
BNA_F
ClientSampleId :
G9BK2DL

Tgt Ion:178 Resp: 129152

Ion	Ratio	Lower	Upper
178	100		
176	17.6	15.2	22.8
179	16.2	12.6	18.8

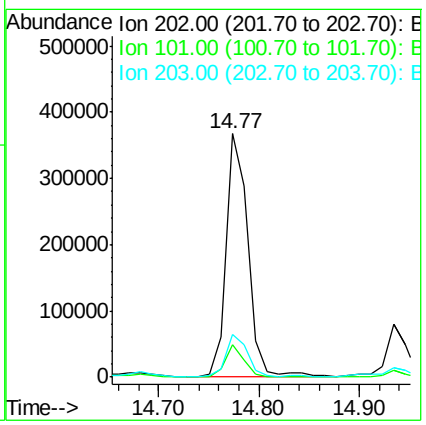


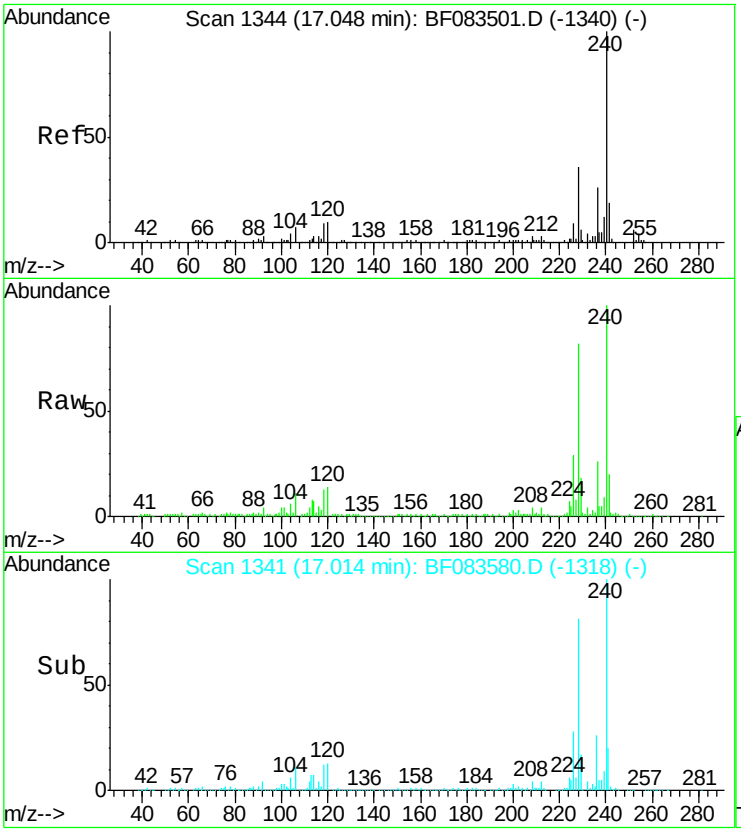


#74
Fluoranthene
Concen: 23.16 ng
RT: 14.77 min Scan# 1145
Delta R.T. -0.05 min
Lab File: BF083580.D
Acq: 8 Dec 2015 4:13

Tgt Ion:202 Resp: 542110

Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	31.5
203	17.6	0.0	37.6



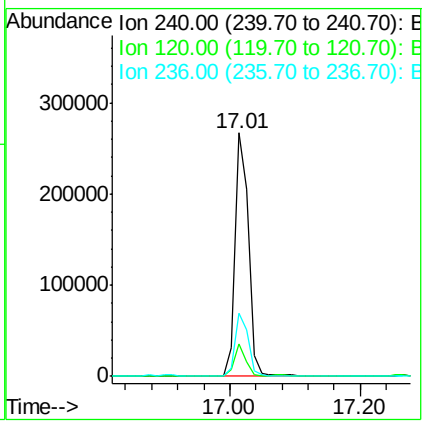


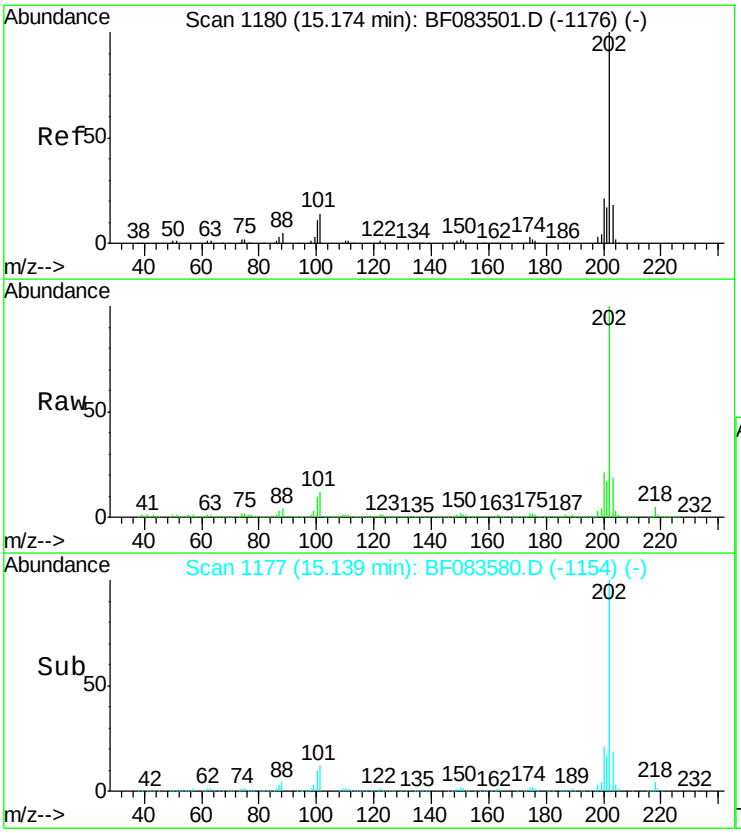
#75
Chrysene-d12
Concen: 20.00 ng
RT: 17.01 min Scan# 1341
Delta R.T. -0.03 min
Lab File: BF083580.D
Acq: 8 Dec 2015 4:13

Instrument :
BNA_F
ClientSampleId :
G9BK2DL

Tgt Ion:240 Resp: 369376

Ion	Ratio	Lower	Upper
240	100		
120	13.5	8.1	12.1#
236	25.8	20.8	31.2

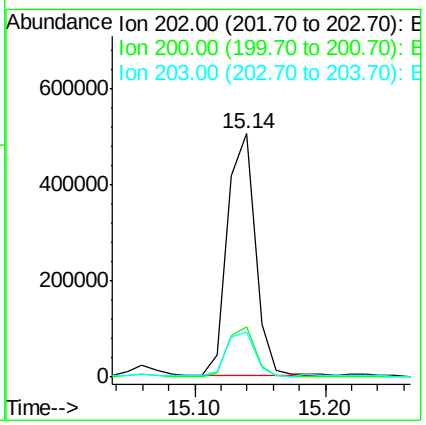


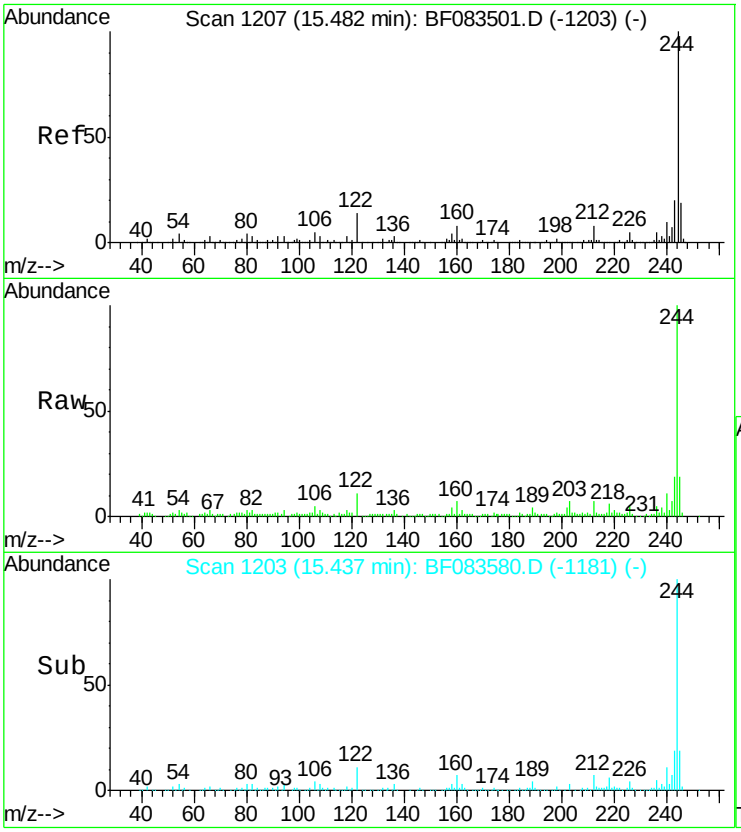


#77
Pyrene
Concen: 26.93 ng
RT: 15.14 min Scan# 1177
Delta R.T. -0.03 min
Lab File: BF083580.D
Acq: 8 Dec 2015 4:13

Tgt Ion:202 Resp: 744175

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.7	25.1
203	18.8	14.3	21.5



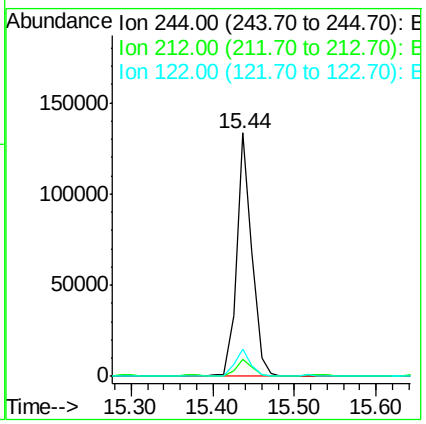


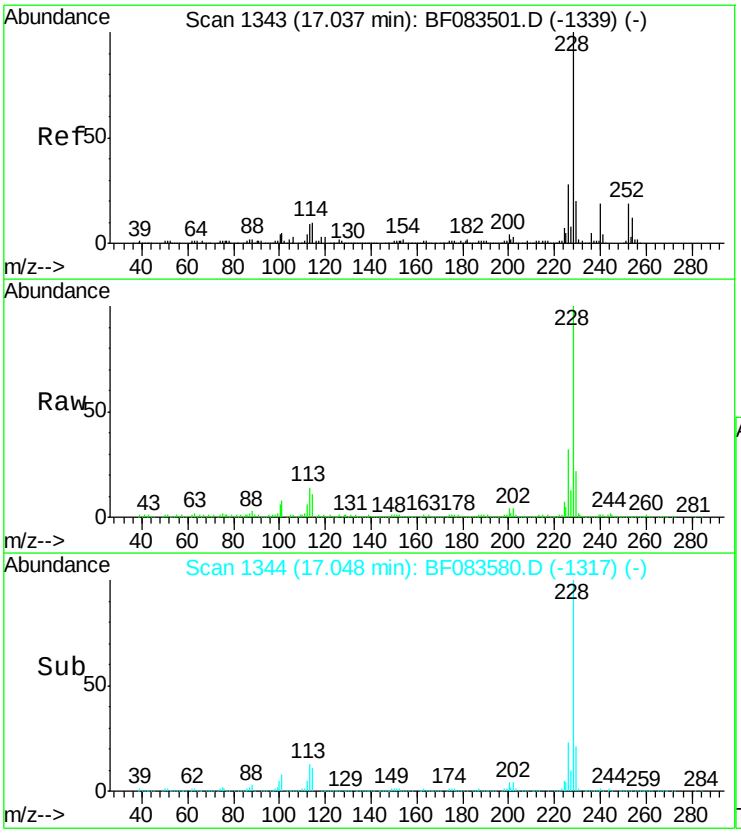
#78
Terphenyl-d14
Concen: 10.36 ng
RT: 15.44 min Scan# 1203
Delta R.T. -0.05 min
Lab File: BF083580.D
Acq: 8 Dec 2015 4:13

Instrument :
BNA_F
ClientSampleId :
G9BK2DL

Tgt Ion:244 Resp: 171939

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.1	9.1
122	11.2	11.0	16.6

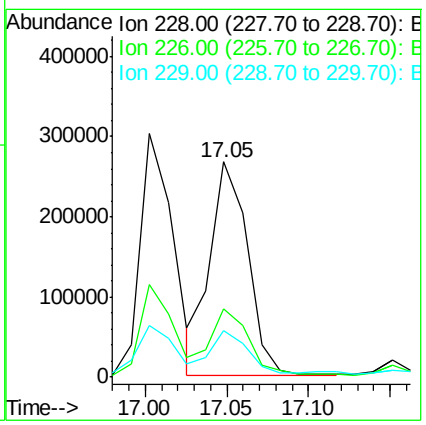


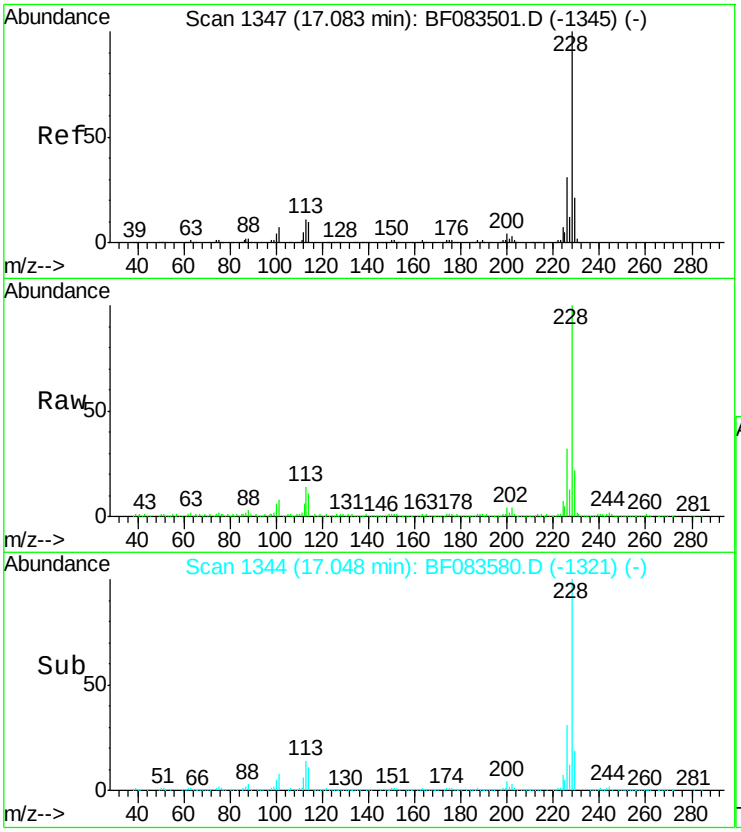


#80
Benzo(a)anthracene
Concen: 19.76 ng
RT: 17.05 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF083580.D
Acq: 8 Dec 2015 4:13

Tgt Ion:228 Resp: 427067

Ion	Ratio	Lower	Upper
228	100		
226	31.7	22.3	33.5
229	21.9	15.7	23.5



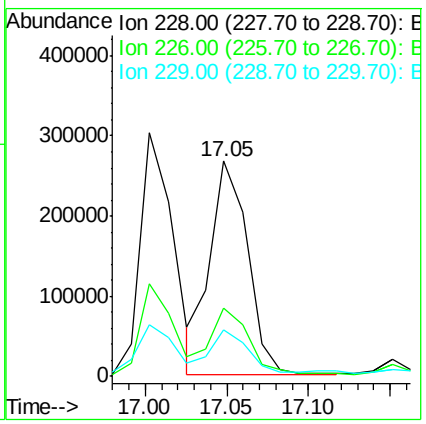


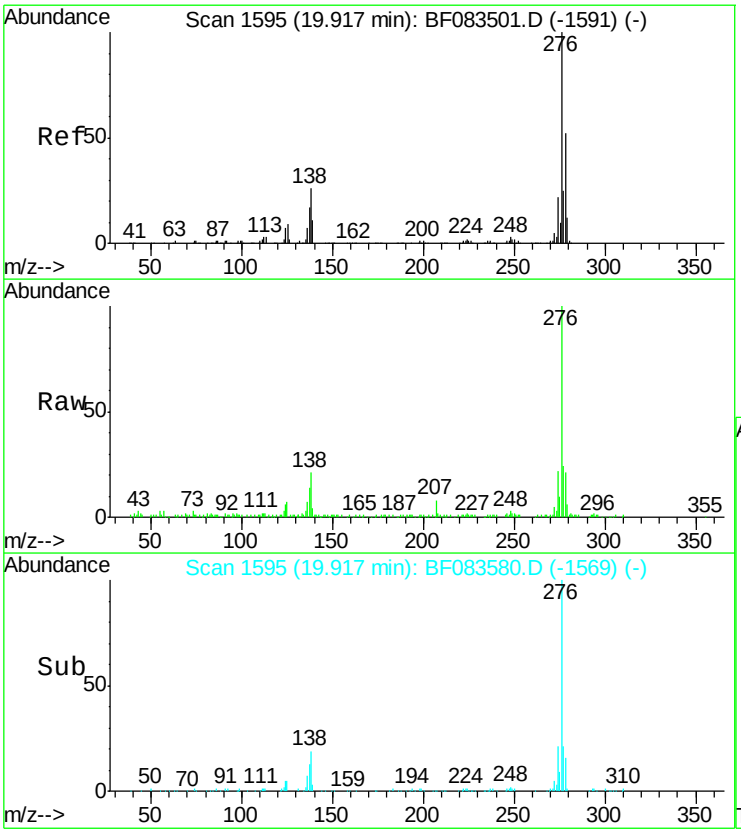
#82
Chrysene
Concen: 19.98 ng
RT: 17.05 min Scan# 1344
Delta R.T. -0.03 min
Lab File: BF083580.D
Acq: 8 Dec 2015 4:13

Instrument :
BNA_F
ClientSampleId :
G9BK2DL

Tgt Ion:228 Resp: 430131

Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.7	37.1
229	21.9	16.3	24.5

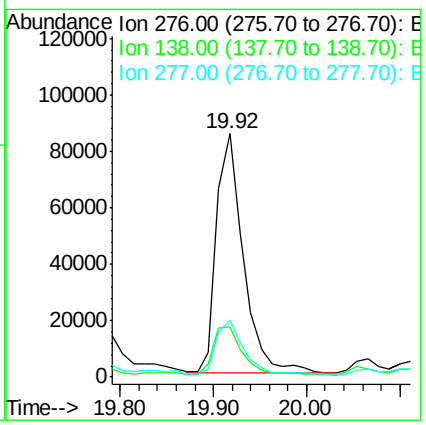


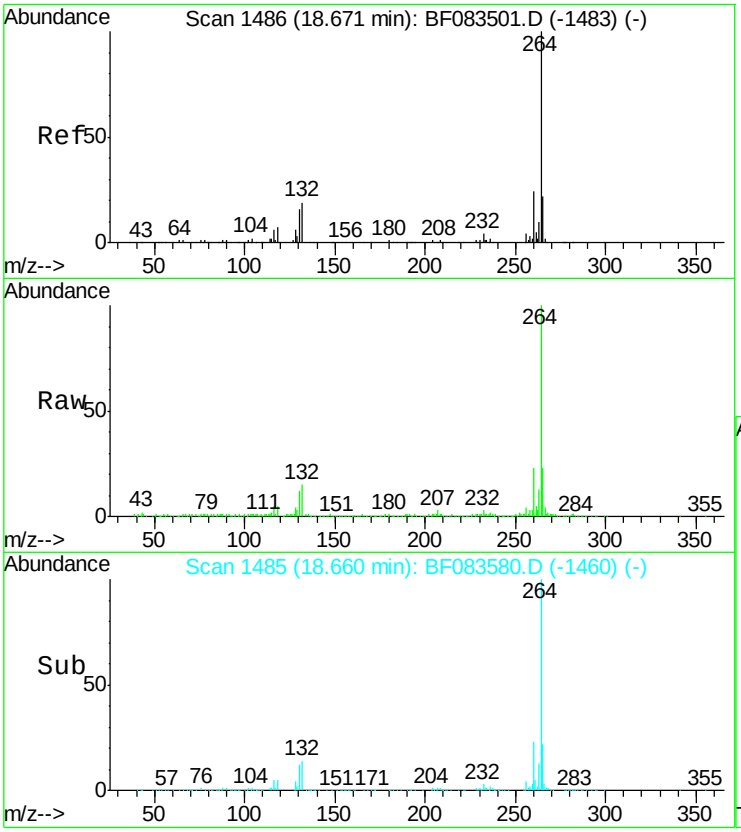


#85
Indeno(1,2,3-cd)pyrene
Concen: 9.27 ng
RT: 19.92 min Scan# 1595
Delta R.T. -0.00 min
Lab File: BF083580.D
Acq: 8 Dec 2015 4:13

Tgt Ion:276 Resp: 171080

Ion	Ratio	Lower	Upper
276	100		
138	21.6	0.0	0.0#
277	23.1	0.0	0.0#



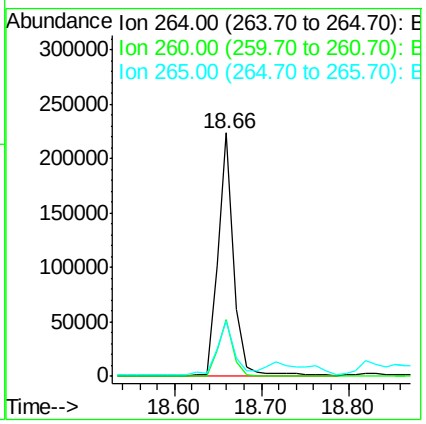


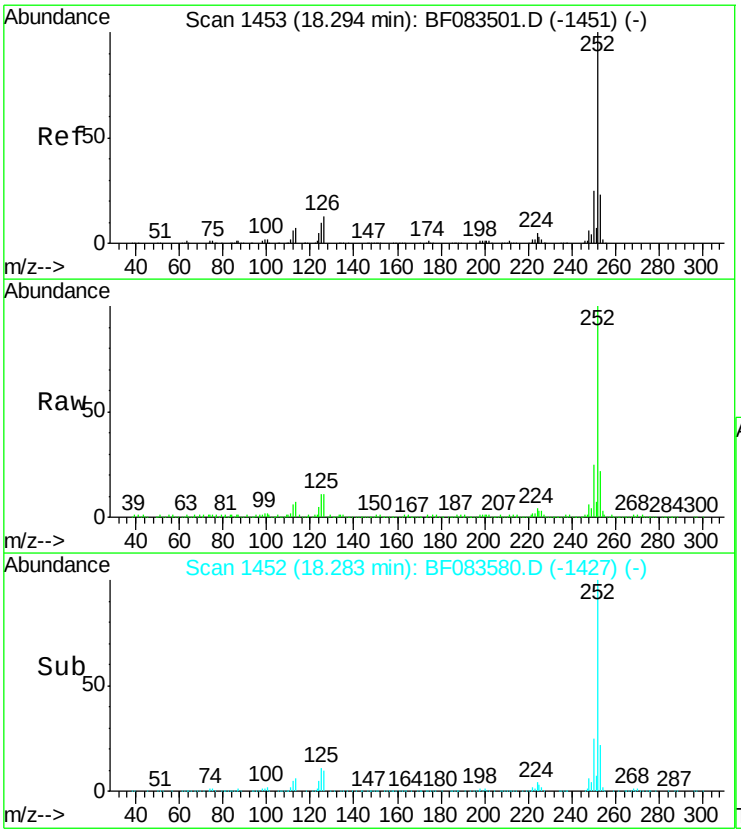
#86
Perylene-d12
Concen: 20.00 ng
RT: 18.66 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BF083580.D
Acq: 8 Dec 2015 4:13

Instrument :
BNA_F
ClientSampleId :
G9BK2DL

Tgt Ion:264 Resp: 283586

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.4	29.0
265	22.7	17.8	26.6

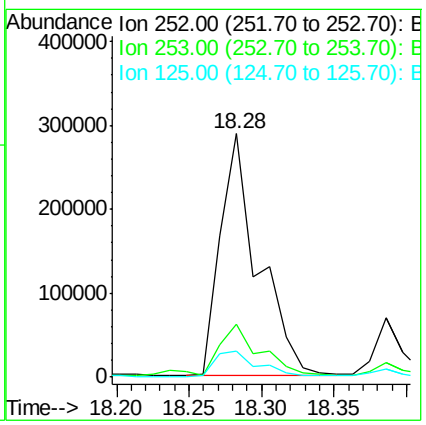


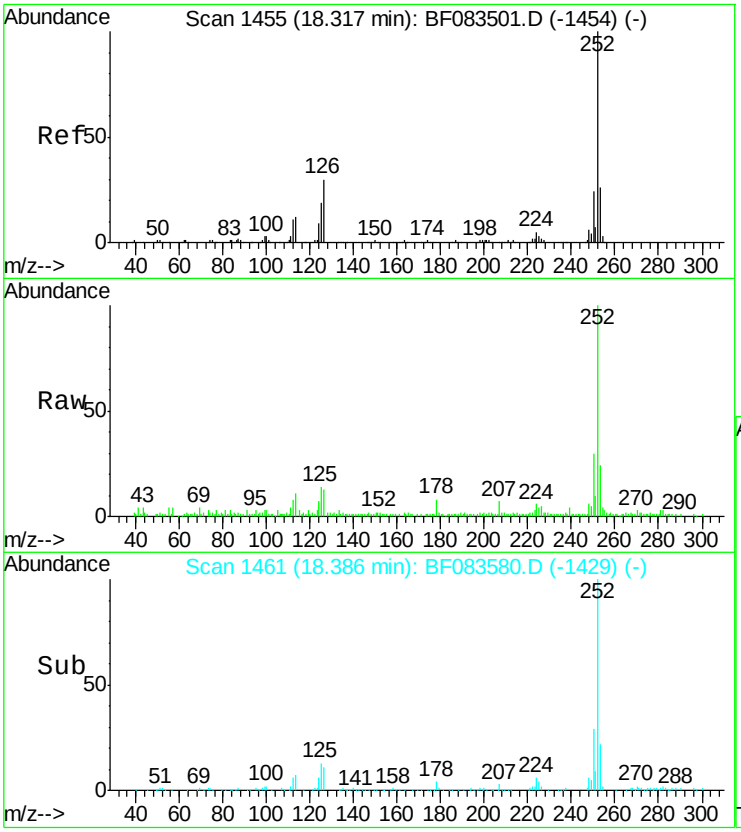


#87
Benzo(b)fluoranthene
Concen: 32.67 ng
RT: 18.28 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF083580.D
Acq: 8 Dec 2015 4:13

Tgt Ion:252 Resp: 520299

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.4
125	10.8	8.2	12.4



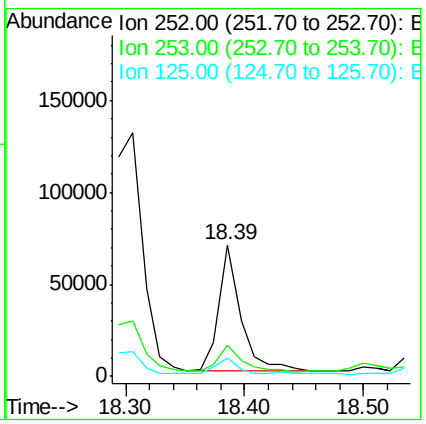


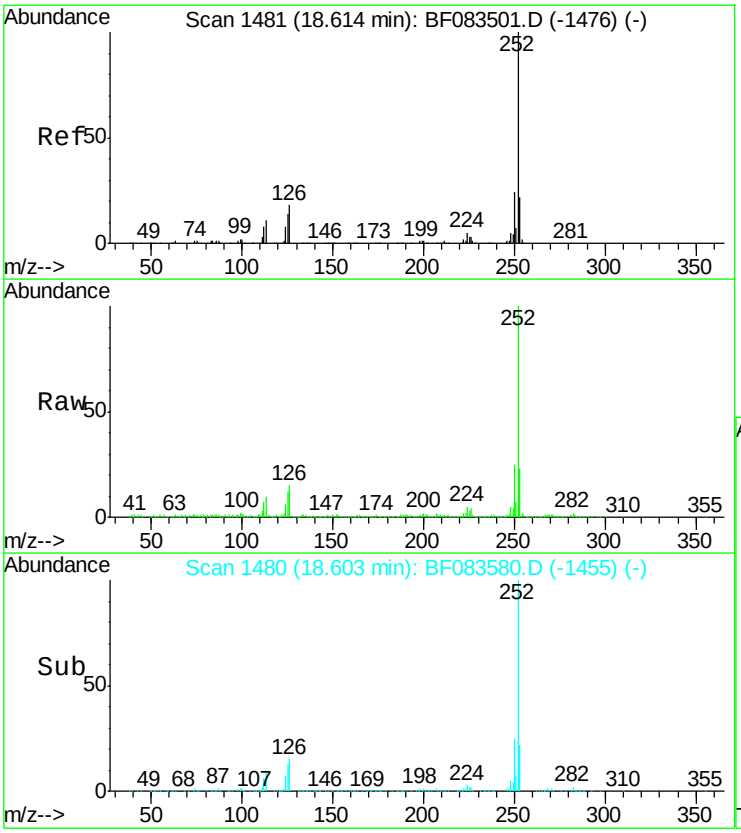
#88
Benzo(k)fluoranthene
Concen: 5.40 ng
RT: 18.39 min Scan# 1461
Delta R.T. 0.07 min
Lab File: BF083580.D
Acq: 8 Dec 2015 4:13

Instrument :
BNA_F
ClientSampleId :
G9BK2DL

Tgt Ion:252 Resp: 88169

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.6	27.8
125	14.2	11.5	17.3

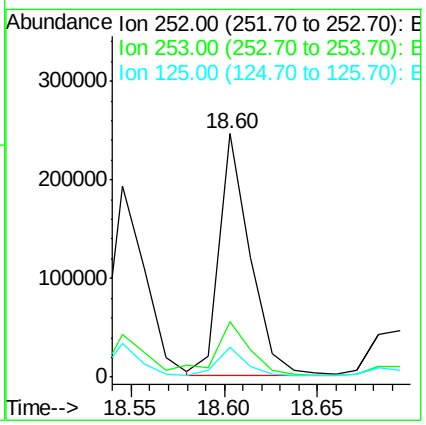


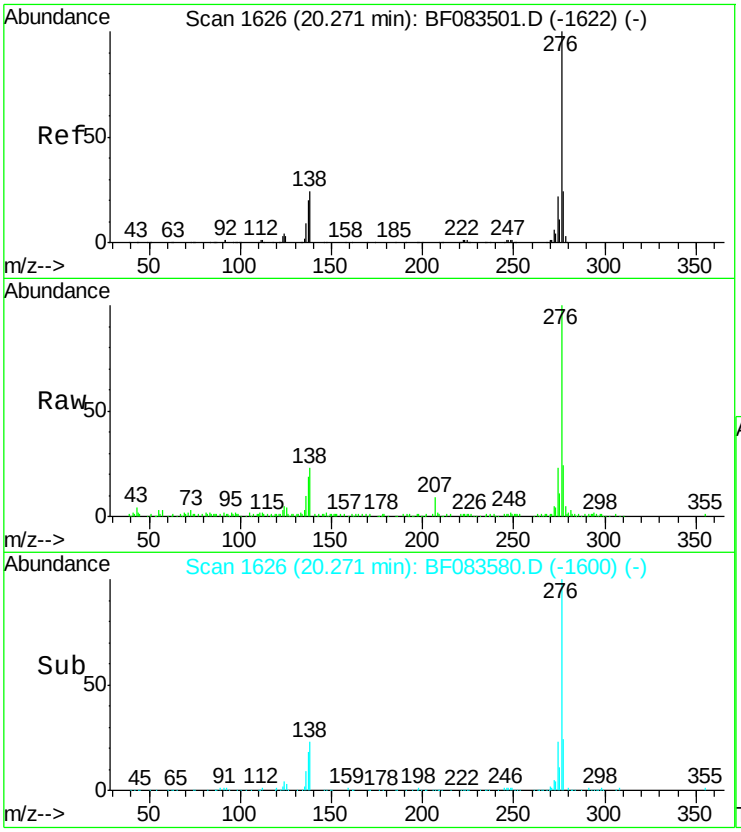


#89
Benzo(a)pyrene
Concen: 18.21 ng
RT: 18.60 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BF083580.D
Acq: 8 Dec 2015 4:13

Tgt Ion:252 Resp: 282069

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	12.2	11.0	16.6





#91
Benzo(g,h,i)perylene
Concen: 11.37 ng
RT: 20.27 min Scan# 1626
Delta R.T. -0.00 min
Lab File: BF083580.D
Acq: 8 Dec 2015 4:13

Instrument :
BNA_F
ClientSampleId :
G9BK2DL

Tgt Ion:276 Resp: 170740

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.2	28.8
138	23.5	19.5	29.3