Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091015\
Data File : BF081578.D
Acq On : 10 Sep 2015 21:33
Operator : UM/IZ
Sample : G3590-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TYB4(1.5-2)

Quant Time: Sep 11 00:45:14 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 11 00:38:02 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	48537	20.00	ng		0.00
21) Naphthalene-d8	11.17	136	183803	20.00	ng		0.00
38) Acenaphthene-d10	15.30	164	76296	20.00	ng		0.00
63) Phenanthrene-d10	18.81	188	126575	20.00	ng		0.00
75) Chrysene-d12	23.42	240	93621	20.00	ng		0.00
86) Perylene-d12	24.86	264	65565	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	346772	110.85	ng		0.02
7) Phenol-d6	7.70	99	484704	117.05	ng		0.01
23) Nitrobenzene-d5	9.57	82	301801	79.22	ng		0.00
41) 2,4,6-Tribromophenol	17.21	330	71987	105.97	ng		0.00
44) 2-Fluorobiphenyl	13.82	172	509284	85.54	ng		0.00
78) Terphenyl-d14	22.15	244	292115	72.63	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.57	70	41158	14.60	ng	#	65
49) Dimethylphthalate	14.87	163	118629	20.01	ng	#	97
70) Phenanthrene	18.87	178	33246	4.72	ng		96
71) Anthracene	18.87	178	33246	4.60	ng		96
74) Fluoranthene	21.46	202	64635	8.48	ng		90
77) Pyrene	21.82	202	58858	8.49	ng		96
80) Benzo(a)anthracene	23.41	228	35726	5.99	ng		92
82) Chrysene	23.44	228	27113	5.07	ng		93
83) Bis(2-ethylhexyl)phthalate	23.53	149	10995	2.76	ng	#	95
85) Indeno(1,2,3-cd)pyrene	25.92	276	11907	3.04	ng	#	76
87) Benzo(b)fluoranthene	24.52	252	45995	9.83	ng	#	91
88) Benzo(k)fluoranthene	24.52	252	45995	11.84	ng	#	92
89) Benzo(a)pyrene	24.81	252	21715	5.47	ng	#	89
91) Benzo(g,h,i)perylene	26.24	276	14071	4.81	ng	#	72

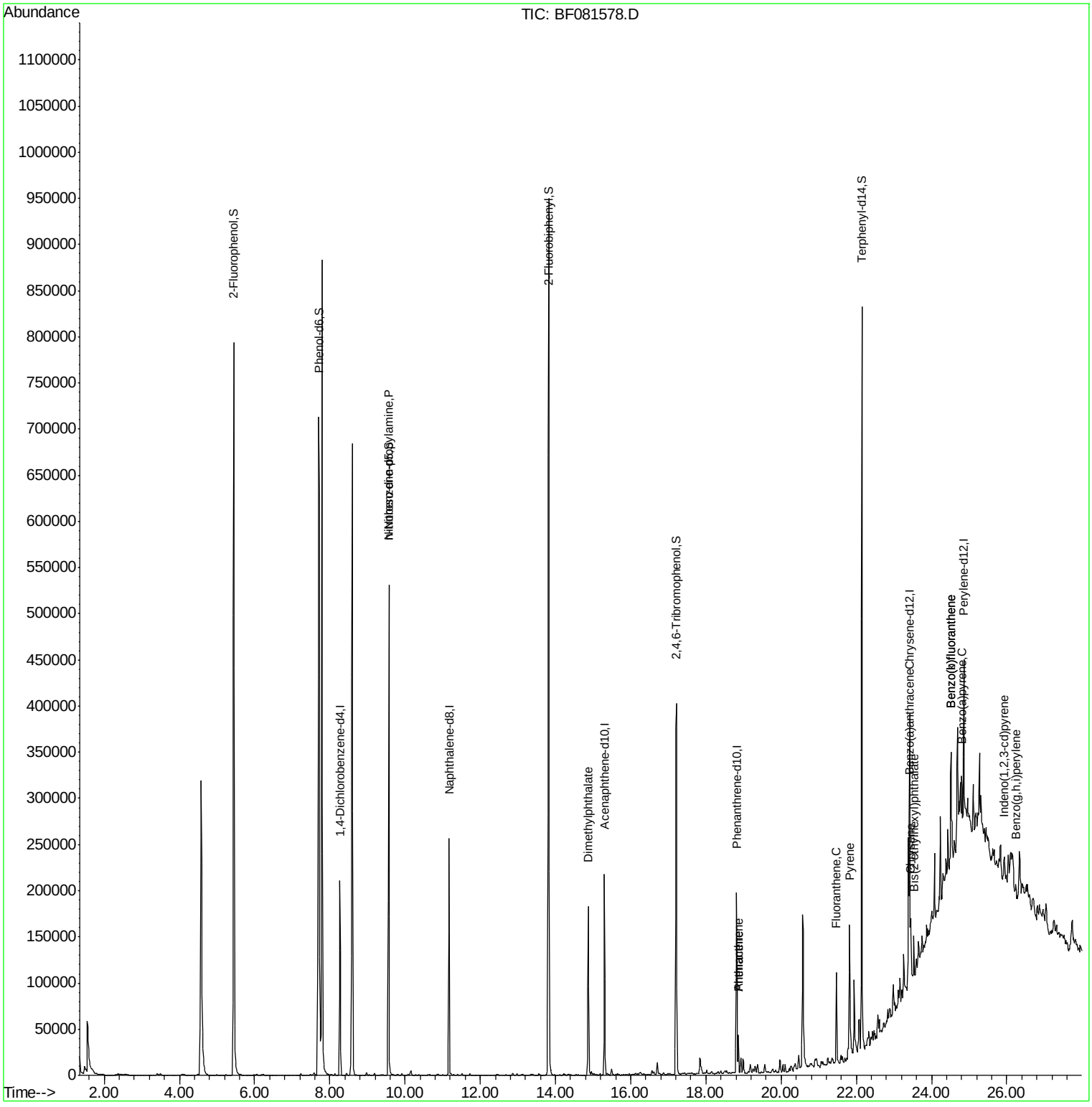
(#) = qualifier out of range (m) = manual integration (+) = signals summed

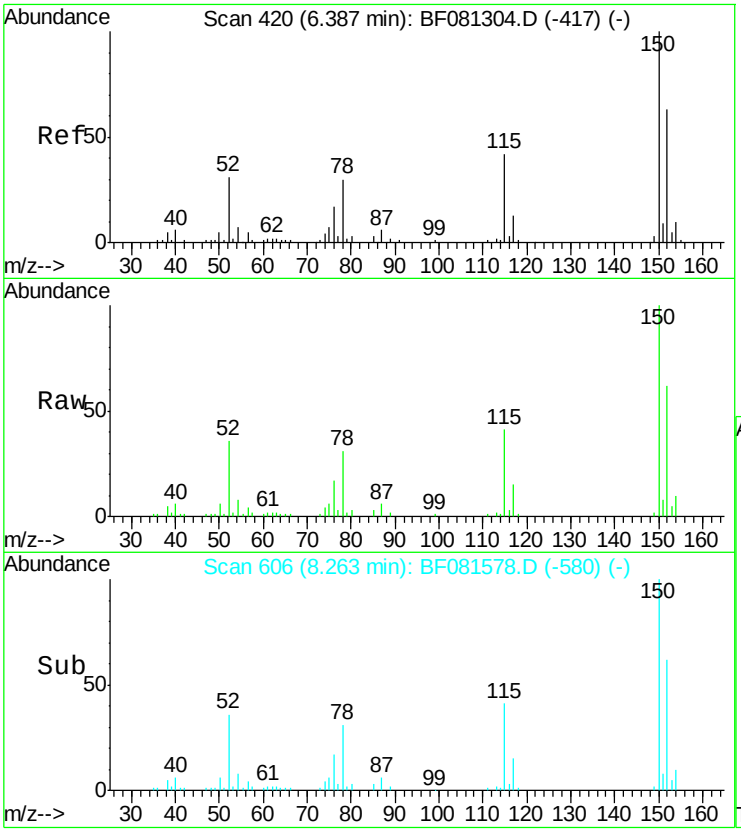
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091015\
Data File : BF081578.D
Acq On : 10 Sep 2015 21:33
Operator : UM/IZ
Sample : G3590-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TYB4(1.5-2)

Quant Time: Sep 11 00:45:14 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 11 00:38:02 2015
Response via : Initial Calibration



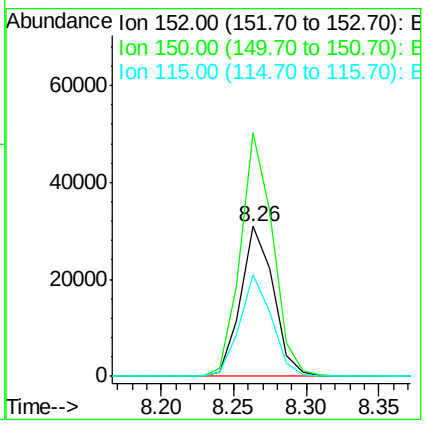


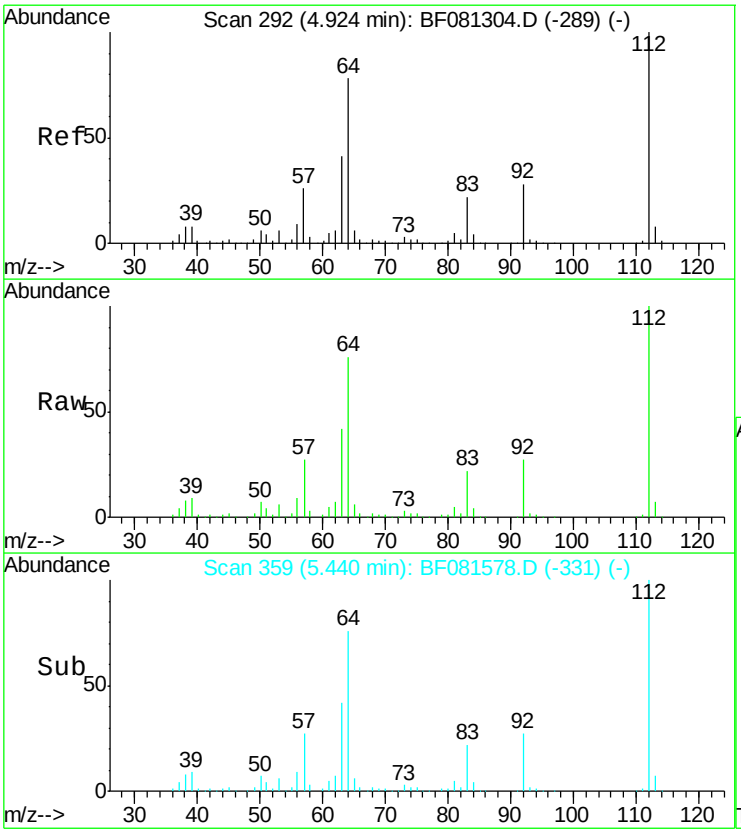
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.26 min Scan# 606
Delta R.T. -0.00 min
Lab File: BF081578.D
Acq: 10 Sep 2015 21:33

Instrument :
BNA_F
ClientSampleId :
TYB4(1.5-2)

Tgt Ion:152 Resp: 48537

Ion	Ratio	Lower	Upper
152	100		
150	162.4	124.7	187.1
115	67.4	39.0	58.4#

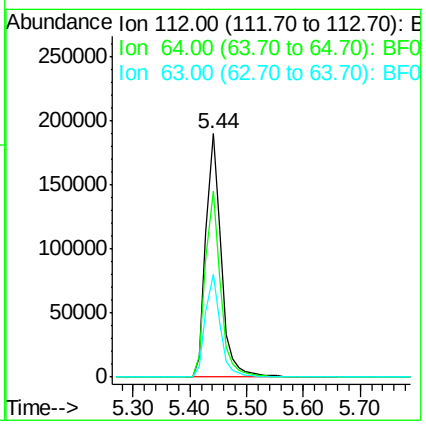


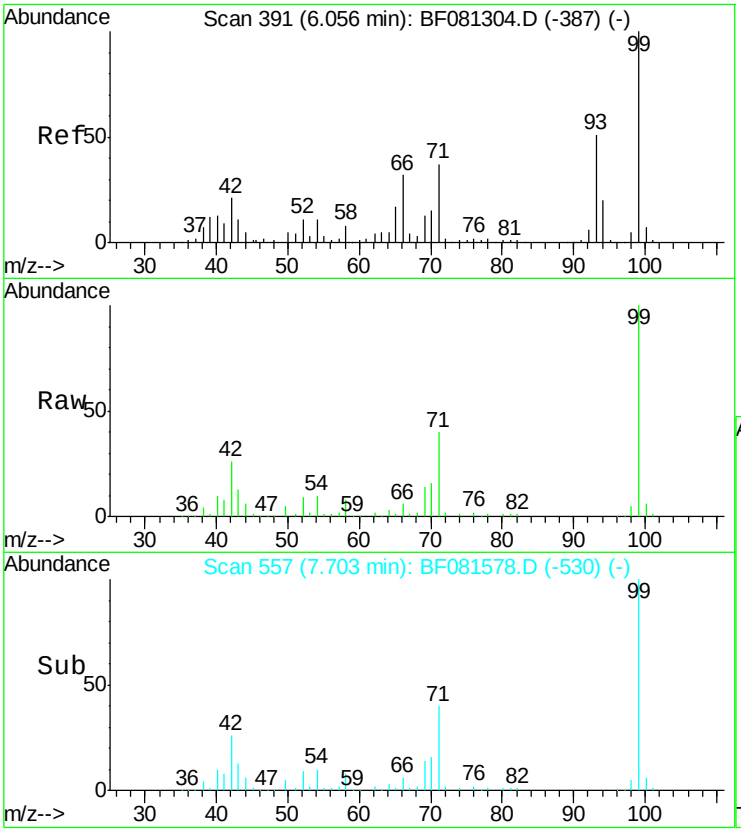


#5
2-Fluorophenol
Concen: 110.85 ng
RT: 5.44 min Scan# 359
Delta R.T. 0.02 min
Lab File: BF081578.D
Acq: 10 Sep 2015 21:33

Tgt Ion:112 Resp: 346772

Ion	Ratio	Lower	Upper
112	100		
64	76.3	39.7	59.5#
63	42.2	17.4	26.0#



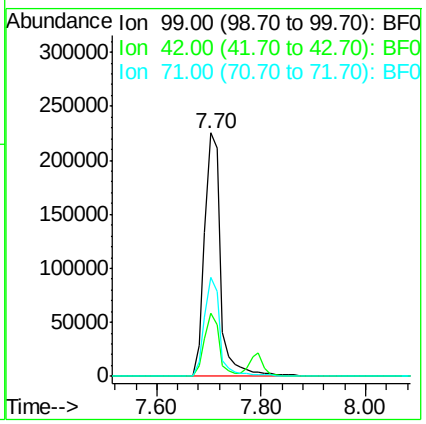


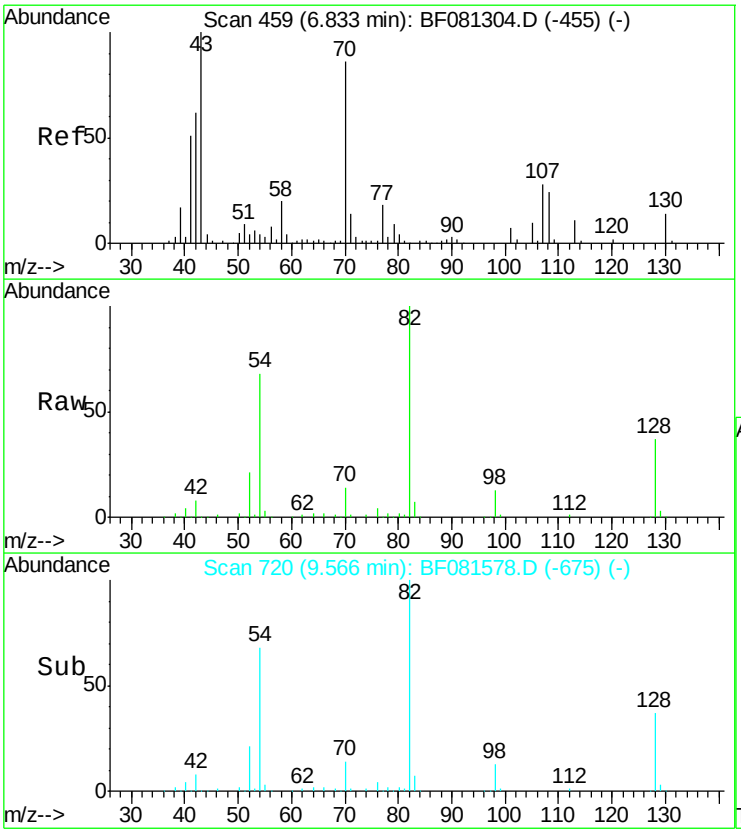
#7
Phenol-d6
Concen: 117.05 ng
RT: 7.70 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF081578.D
Acq: 10 Sep 2015 21:33

Instrument :
BNA_F
ClientSampleId :
TYB4(1.5-2)

Tgt Ion: 99 Resp: 484704

Ion	Ratio	Lower	Upper
99	100		
42	26.1	13.7	20.5#
71	40.4	14.2	21.2#

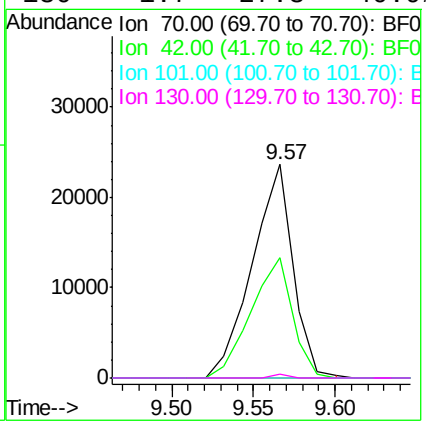


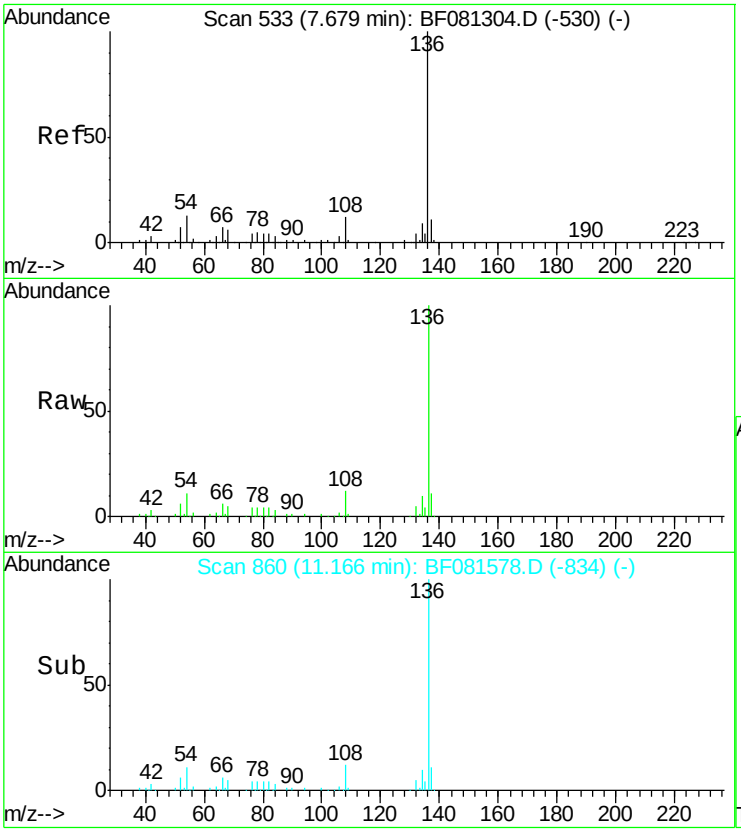


#19
n-Nitroso-di-n-propylamine
Concen: 14.60 ng
RT: 9.57 min Scan# 720
Delta R.T. 0.22 min
Lab File: BF081578.D
Acq: 10 Sep 2015 21:33

Tgt Ion: 70 Resp: 41158

Ion	Ratio	Lower	Upper
70	100		
42	56.4	63.8	95.6#
101	0.0	9.2	13.8#
130	1.7	27.3	40.9#



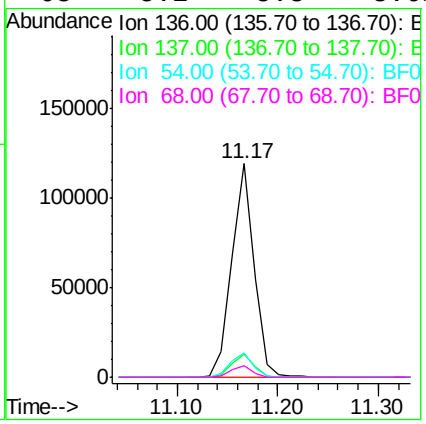


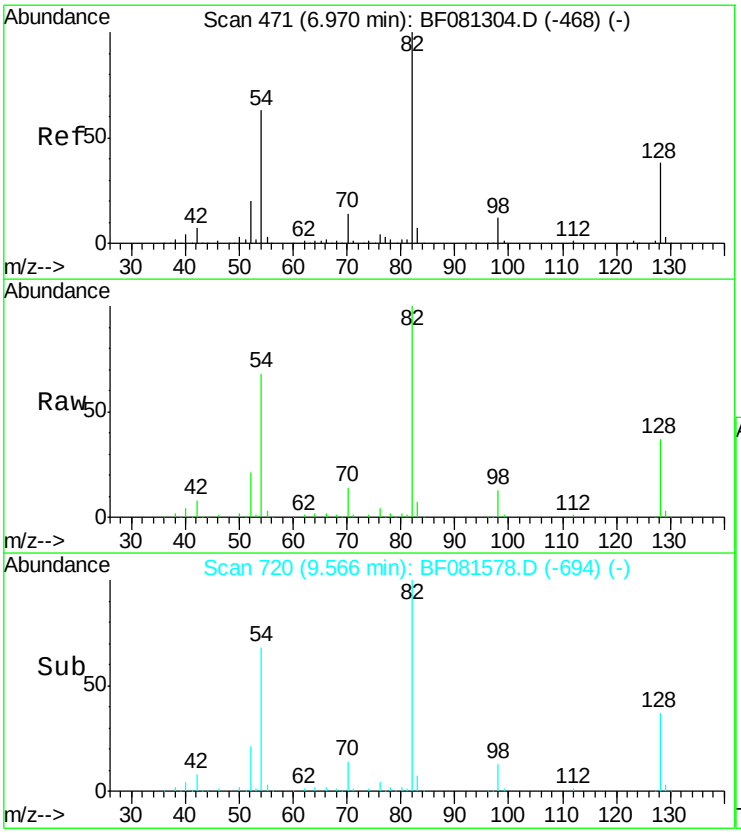
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.17 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF081578.D
Acq: 10 Sep 2015 21:33

Instrument :
BNA_F
ClientSampleId :
TYB4(1.5-2)

Tgt Ion:136 Resp: 183803

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.6
54	11.3	8.2	12.2
68	5.2	5.8	8.6#

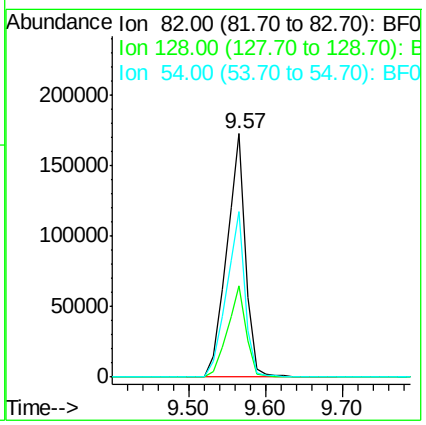


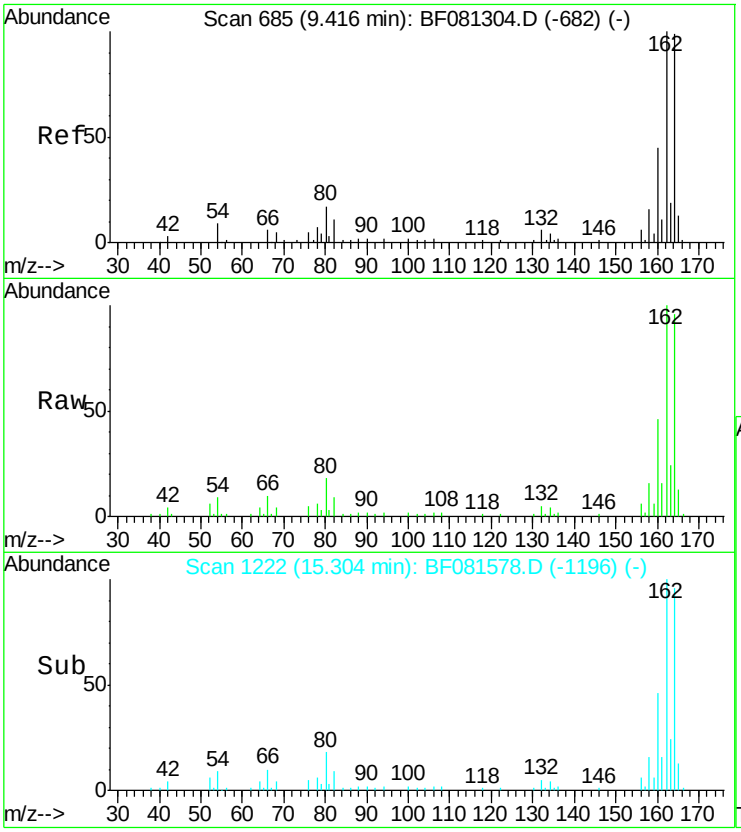


#23
Nitrobenzene-d5
Concen: 79.22 ng
RT: 9.57 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF081578.D
Acq: 10 Sep 2015 21:33

Tgt Ion: 82 Resp: 301801

Ion	Ratio	Lower	Upper
82	100		
128	37.3	51.0	76.6#
54	67.8	47.5	71.3



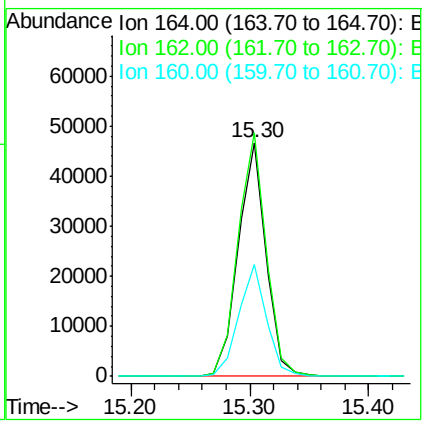


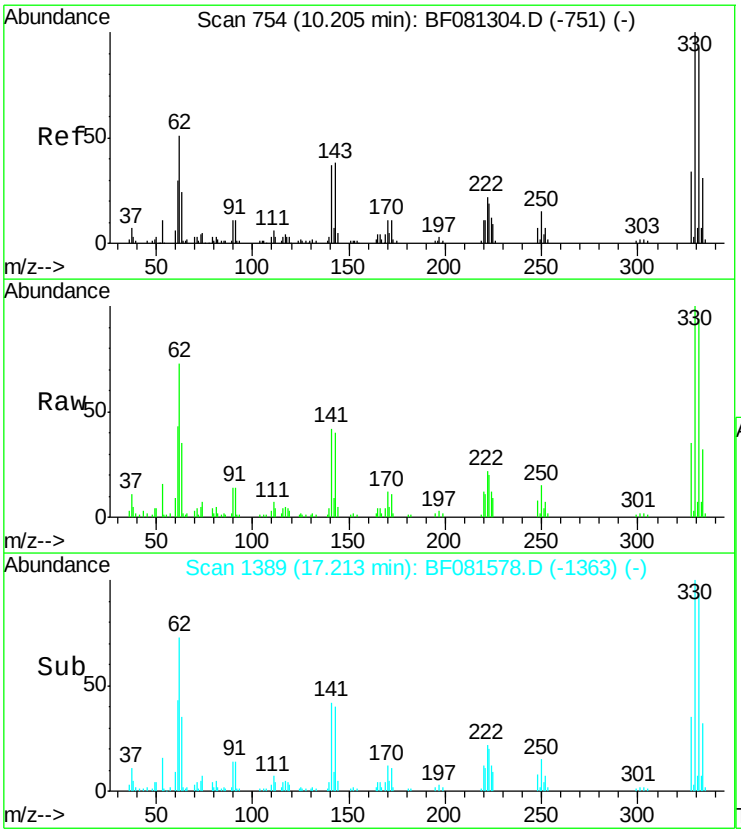
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.30 min Scan# 1222
Delta R.T. -0.00 min
Lab File: BF081578.D
Acq: 10 Sep 2015 21:33

Instrument :
BNA_F
ClientSampleId :
TYB4(1.5-2)

Tgt Ion:164 Resp: 76296

Ion	Ratio	Lower	Upper
164	100		
162	104.1	75.2	112.8
160	47.9	31.5	47.3#

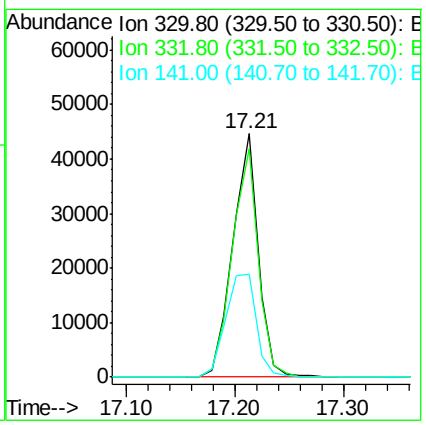


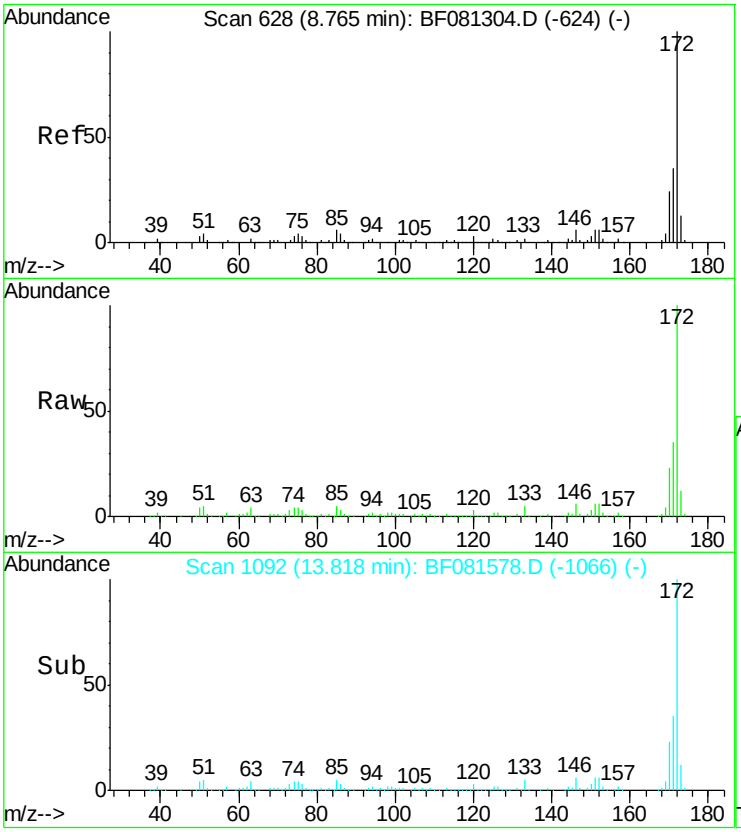


#41
2,4,6-Tribromophenol
Concen: 105.97 ng
RT: 17.21 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BF081578.D
Acq: 10 Sep 2015 21:33

Tgt Ion:330 Resp: 71987

Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.6	114.8
141	51.0	29.7	44.5#



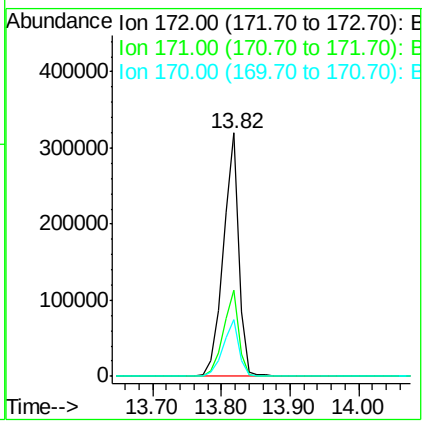


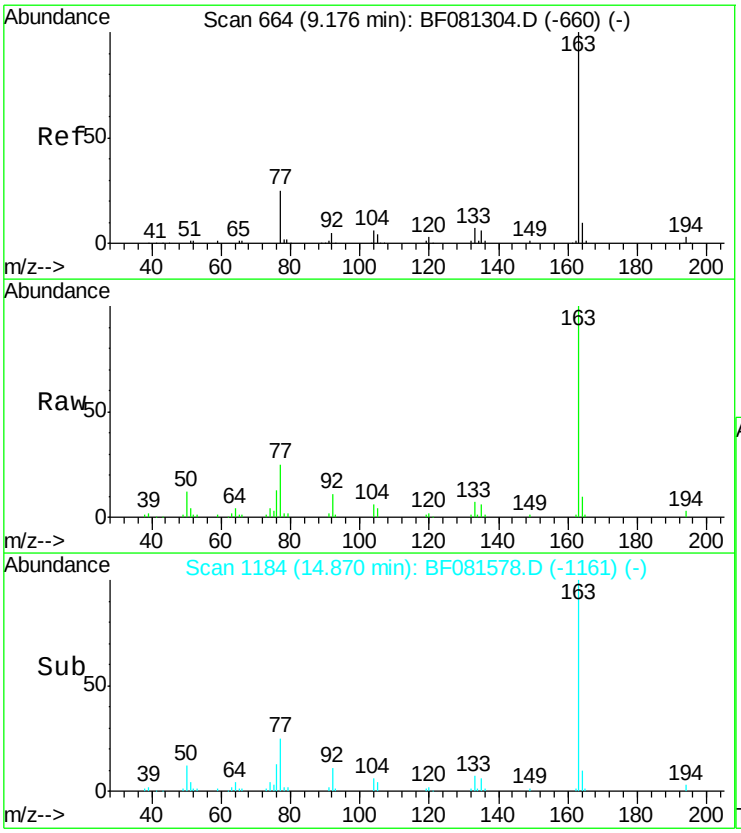
#44
2-Fluorobiphenyl
Concen: 85.54 ng
RT: 13.82 min Scan# 1092
Delta R.T. -0.00 min
Lab File: BF081578.D
Acq: 10 Sep 2015 21:33

Instrument :
BNA_F
ClientSampleId :
TYB4(1.5-2)

Tgt Ion:172 Resp: 509284

Ion	Ratio	Lower	Upper
172	100		
171	35.2	26.1	39.1
170	23.3	17.4	26.2

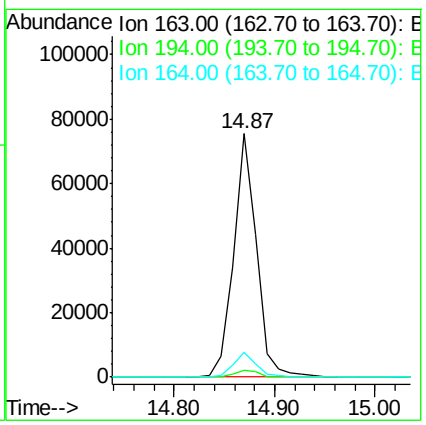


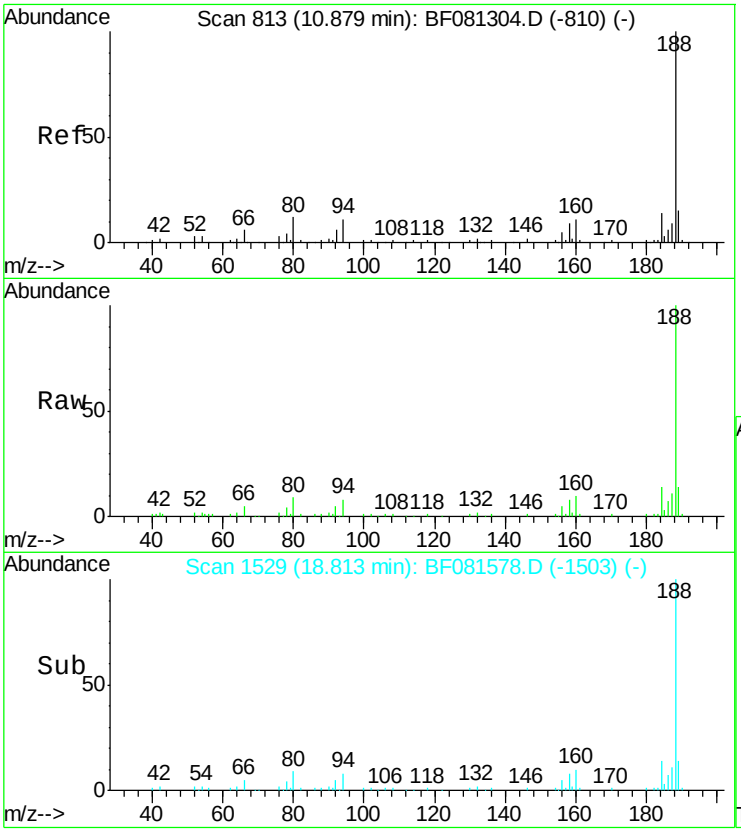


#49
Dimethylphthalate
Concen: 20.01 ng
RT: 14.87 min Scan# 1184
Delta R.T. -0.03 min
Lab File: BF081578.D
Acq: 10 Sep 2015 21:33

Tgt Ion:163 Resp: 118629

Ion	Ratio	Lower	Upper
163	100		
194	3.0	4.4	6.6#
164	9.9	8.3	12.5



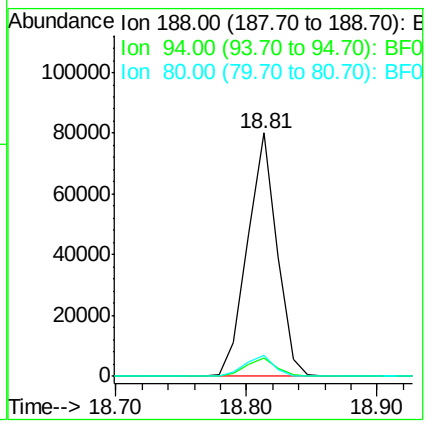


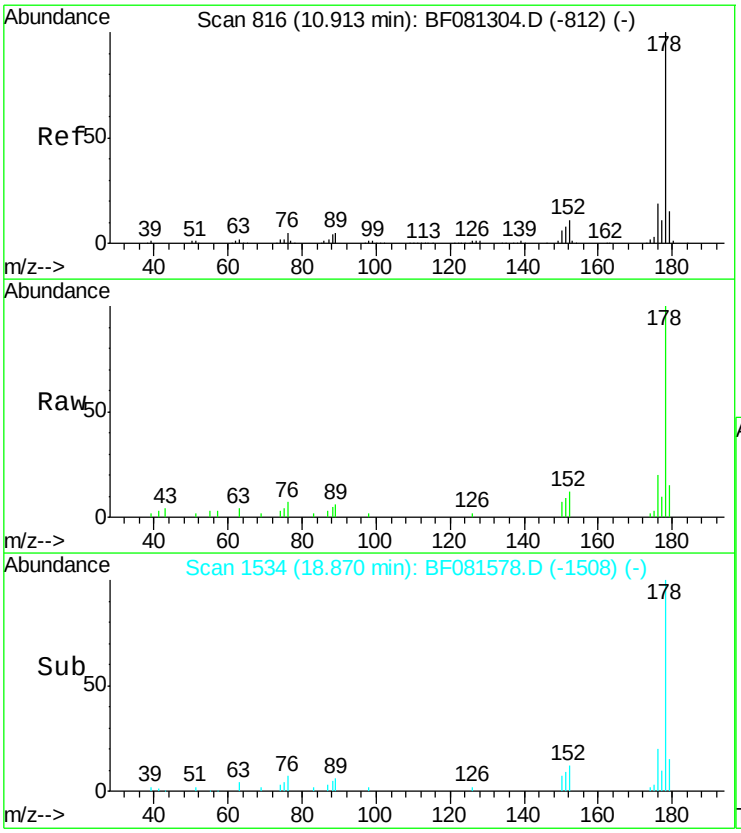
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.81 min Scan# 1529
Delta R.T. -0.00 min
Lab File: BF081578.D
Acq: 10 Sep 2015 21:33

Instrument :
BNA_F
ClientSampleId :
TYB4(1.5-2)

Tgt Ion:188 Resp: 126575

Ion	Ratio	Lower	Upper
188	100		
94	7.7	11.1	16.7#
80	8.8	11.0	16.4#

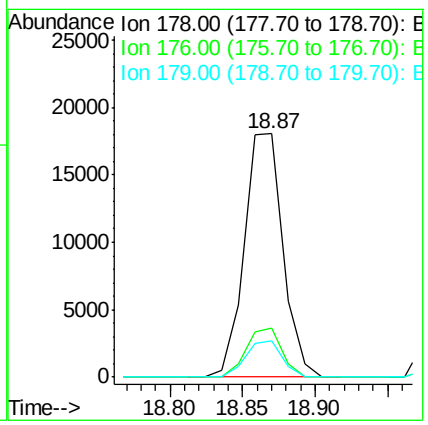


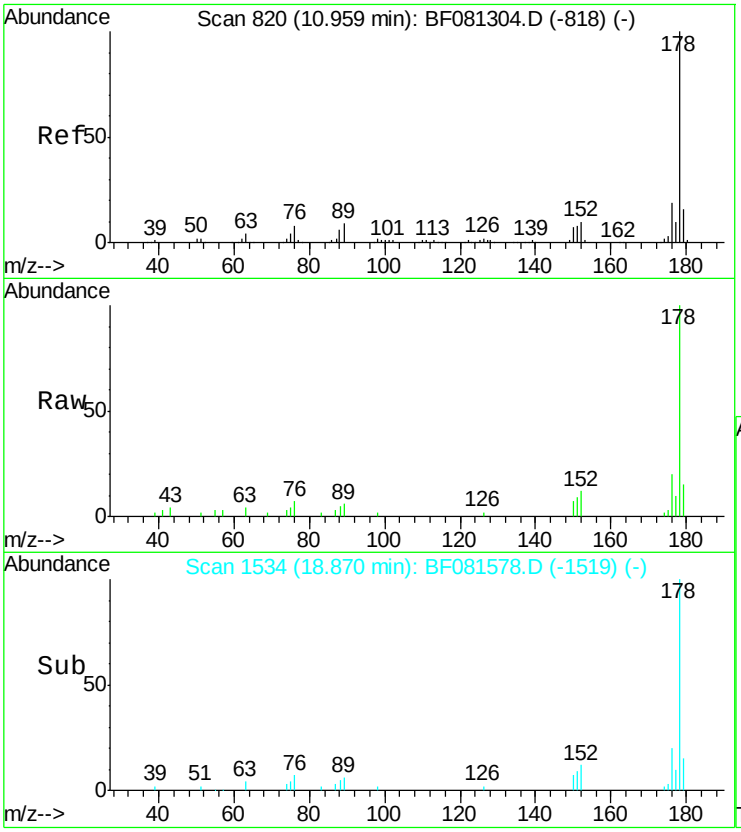


#70
Phenanthrene
Concen: 4.72 ng
RT: 18.87 min Scan# 1534
Delta R.T. -0.00 min
Lab File: BF081578.D
Acq: 10 Sep 2015 21:33

Tgt Ion:178 Resp: 33246

Ion	Ratio	Lower	Upper
178	100		
176	20.4	13.8	20.8
179	14.8	12.2	18.2



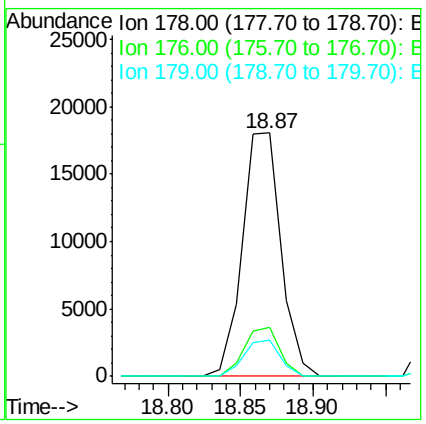


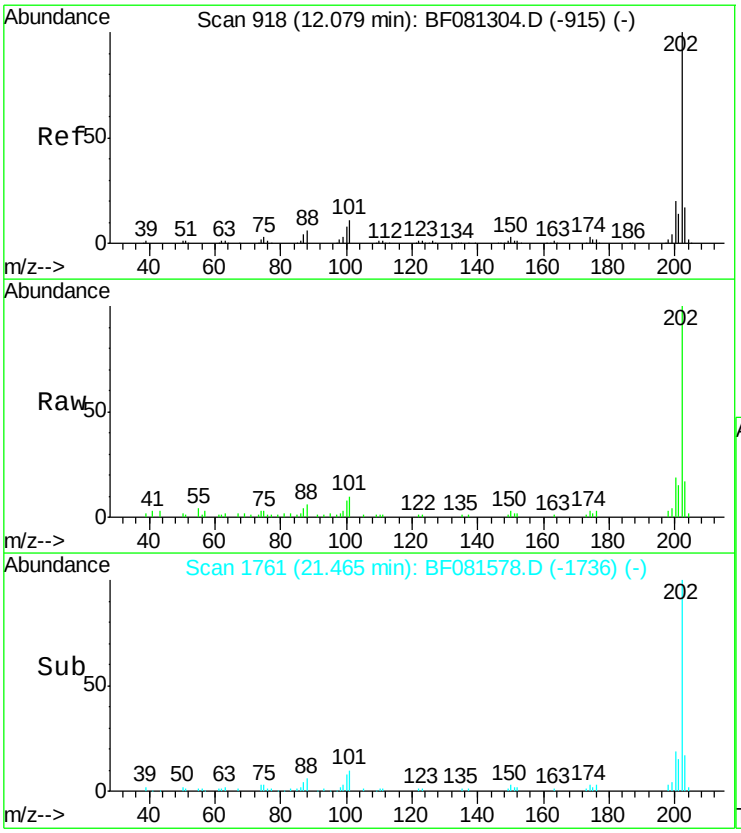
#71
Anthracene
Concen: 4.60 ng
RT: 18.87 min Scan# 1534
Delta R.T. -0.13 min
Lab File: BF081578.D
Acq: 10 Sep 2015 21:33

Instrument :
BNA_F
ClientSampleId :
TYB4(1.5-2)

Tgt Ion:178 Resp: 33246

Ion	Ratio	Lower	Upper
178	100		
176	20.4	14.1	21.1
179	14.8	12.2	18.2

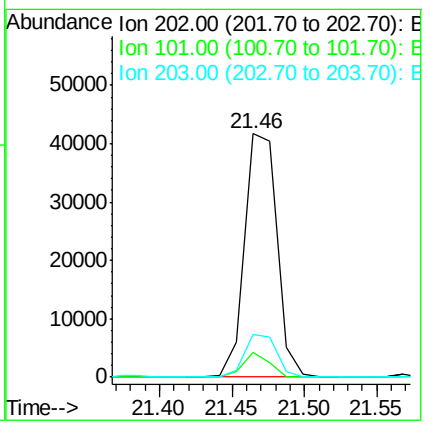


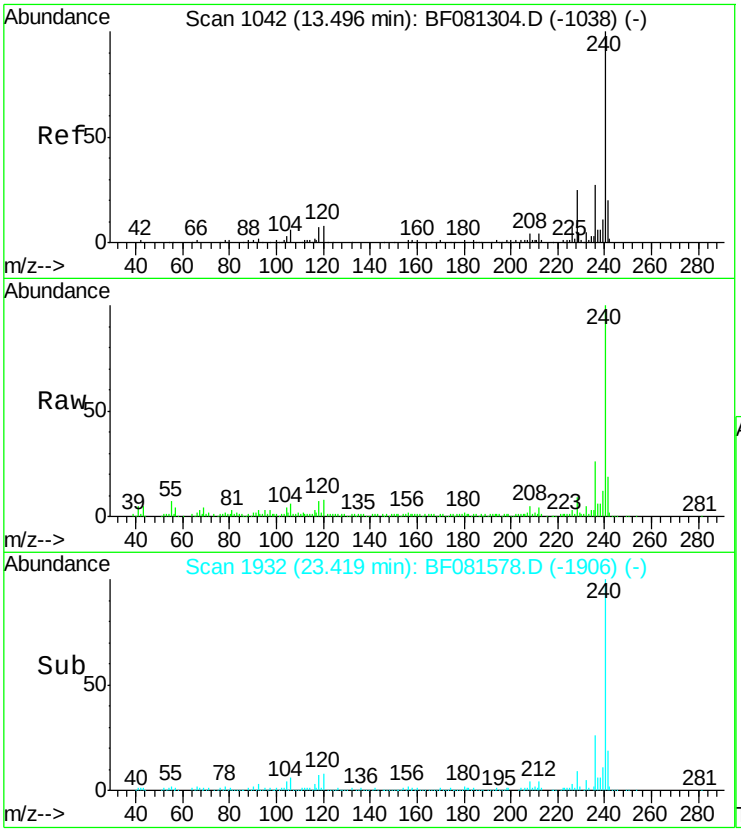


#74
Fluoranthene
Concen: 8.48 ng
RT: 21.46 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BF081578.D
Acq: 10 Sep 2015 21:33

Tgt Ion:202 Resp: 64635

Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	38.3
203	17.3	0.0	37.3



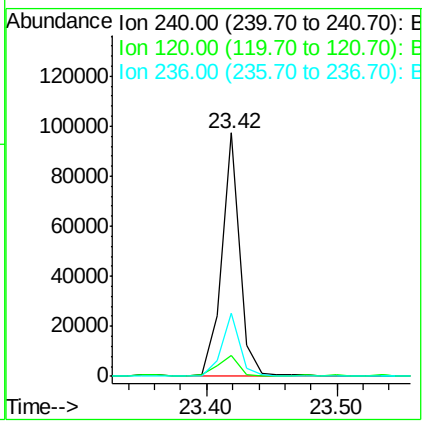


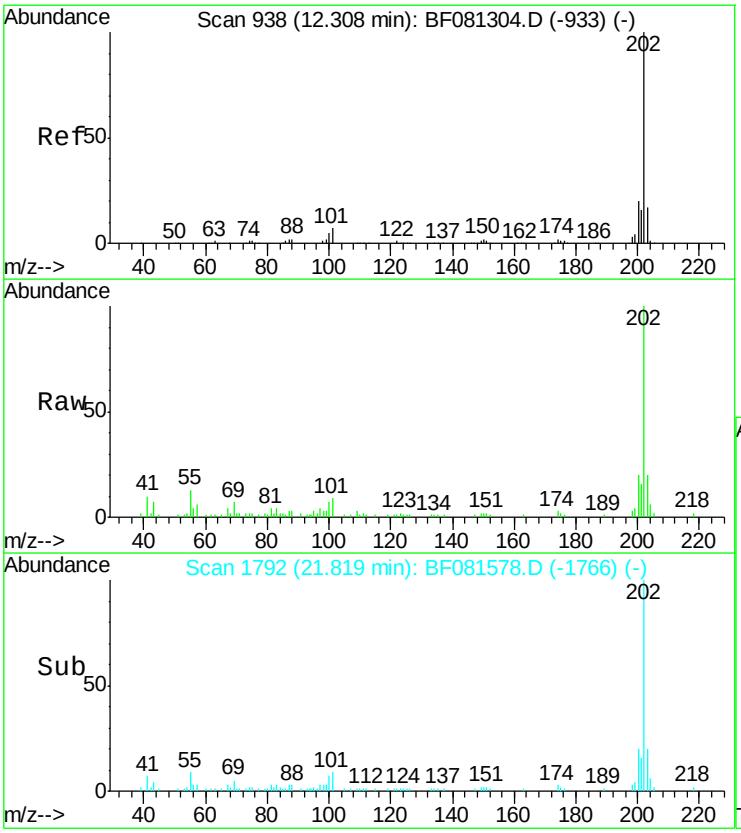
#75
Chrysene-d12
Concen: 20.00 ng
RT: 23.42 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BF081578.D
Acq: 10 Sep 2015 21:33

Instrument :
BNA_F
ClientSampleId :
TYB4(1.5-2)

Tgt Ion:240 Resp: 93621

Ion	Ratio	Lower	Upper
240	100		
120	8.4	16.2	24.2#
236	26.2	18.4	27.6

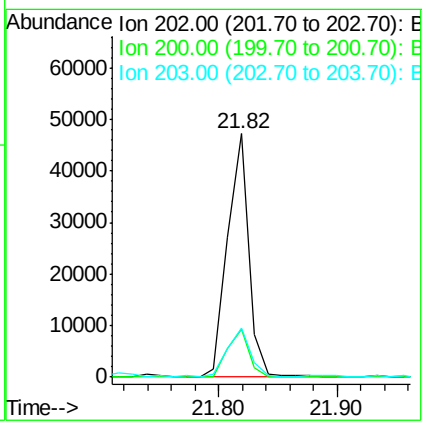


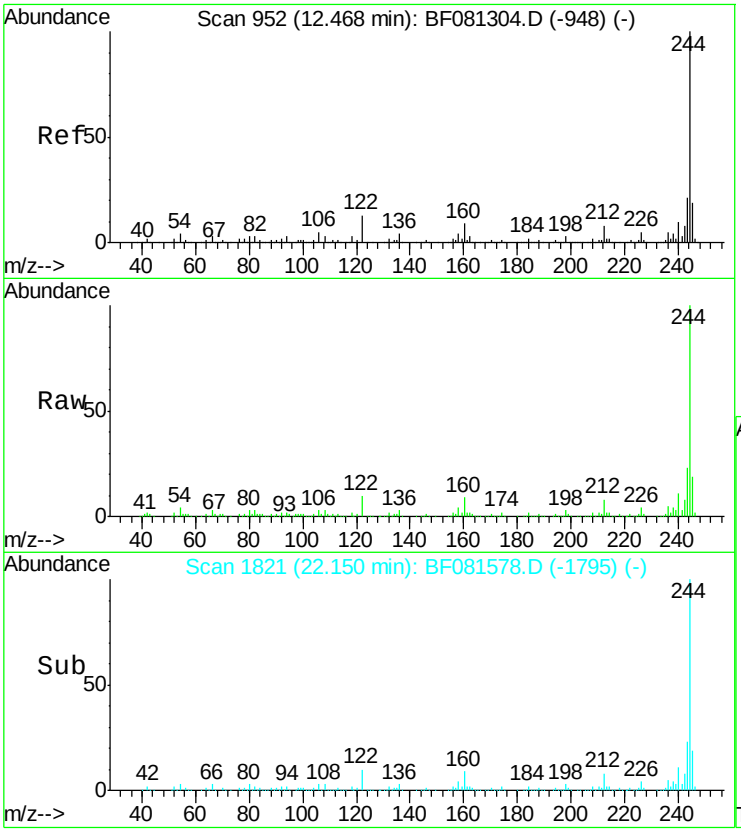


#77
Pyrene
Concen: 8.49 ng
RT: 21.82 min Scan# 1792
Delta R.T. -0.00 min
Lab File: BF081578.D
Acq: 10 Sep 2015 21:33

Tgt Ion:202 Resp: 58858

Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.0	22.4
203	20.4	14.1	21.1



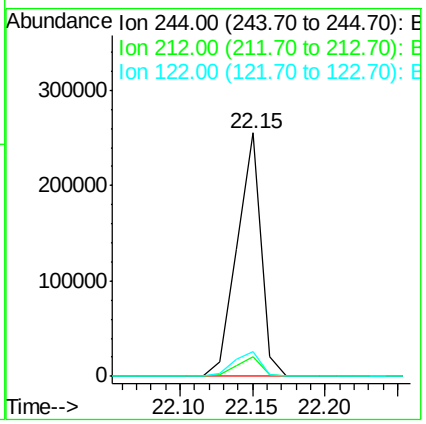


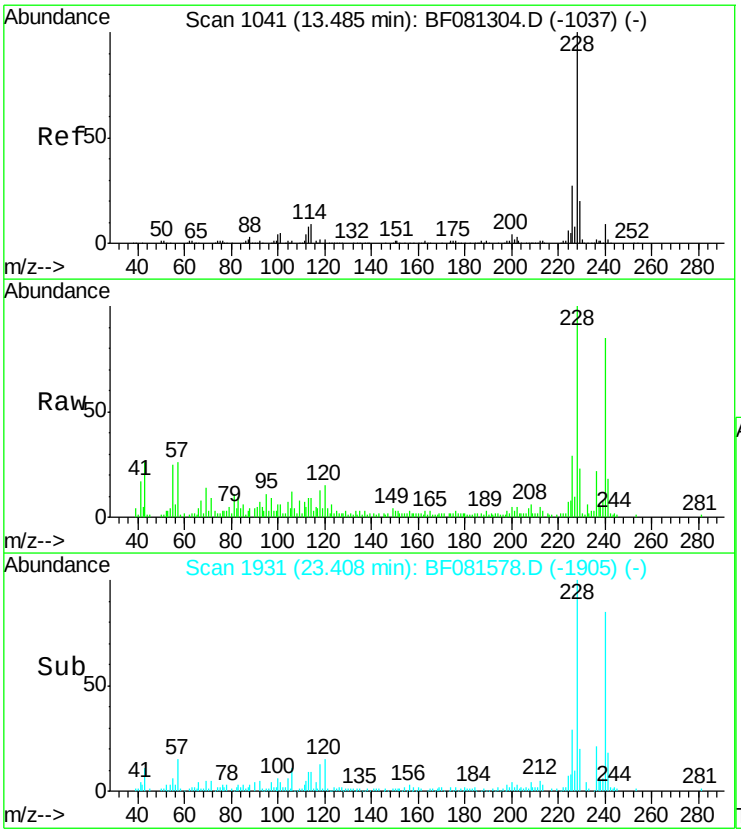
#78
Terphenyl-d14
Concen: 72.63 ng
RT: 22.15 min Scan# 1821
Delta R.T. -0.00 min
Lab File: BF081578.D
Acq: 10 Sep 2015 21:33

Instrument :
BNA_F
ClientSampleId :
TYB4(1.5-2)

Tgt Ion:244 Resp: 292115

Ion	Ratio	Lower	Upper
244	100		
212	8.3	4.3	6.5#
122	9.9	17.4	26.2#

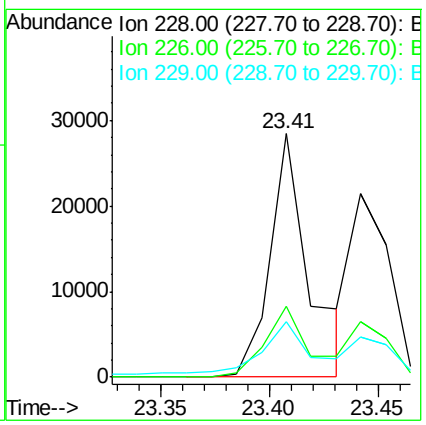


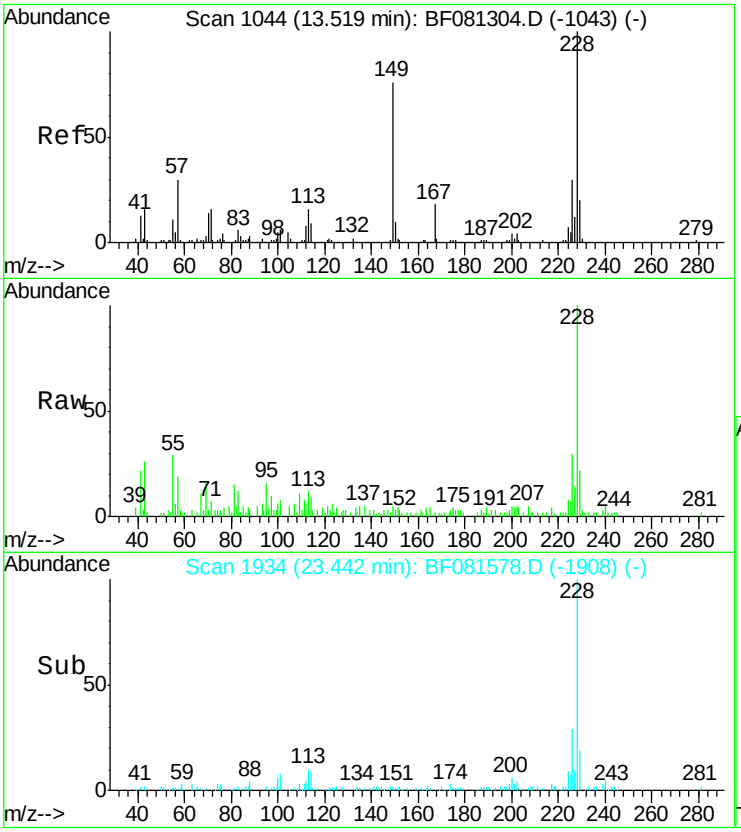


#80
Benzo(a)anthracene
Concen: 5.99 ng
RT: 23.41 min Scan# 1931
Delta R.T. -0.00 min
Lab File: BF081578.D
Acq: 10 Sep 2015 21:33

Tgt Ion:228 Resp: 35726

Ion	Ratio	Lower	Upper
228	100		
226	29.1	20.0	30.0
229	22.9	15.4	23.2



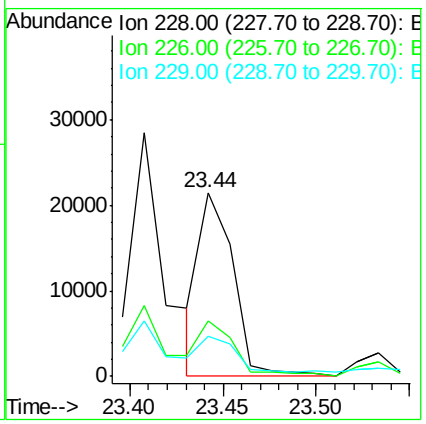


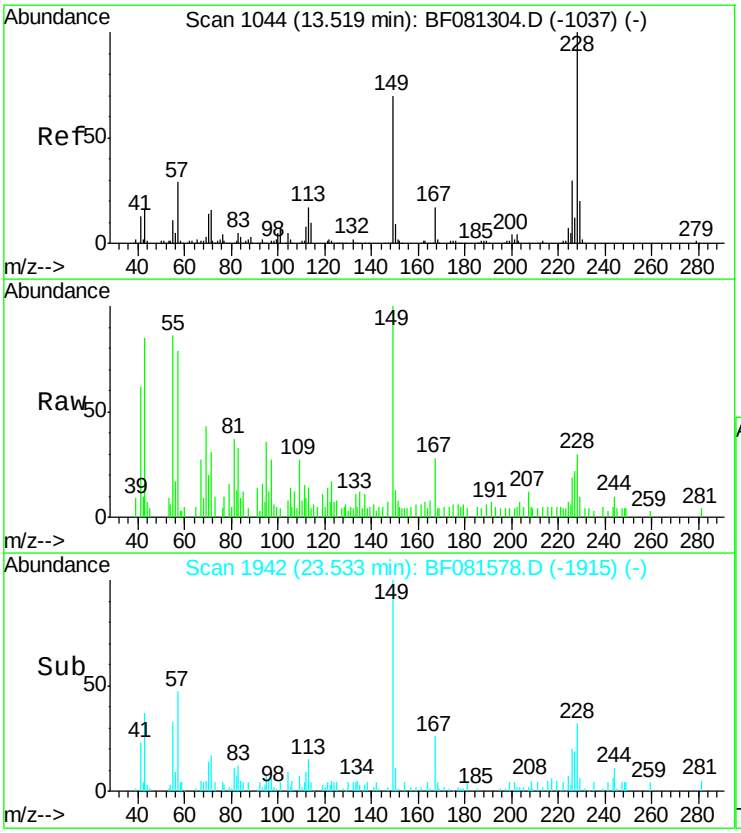
#82
Chrysene
Concen: 5.07 ng
RT: 23.44 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BF081578.D
Acq: 10 Sep 2015 21:33

Instrument :
BNA_F
ClientSampleId :
TYB4(1.5-2)

Tgt Ion:228 Resp: 27113

Ion	Ratio	Lower	Upper
228	100		
226	30.4	21.0	31.4
229	21.7	15.6	23.4

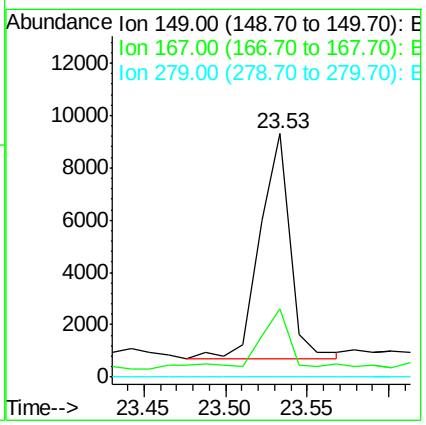


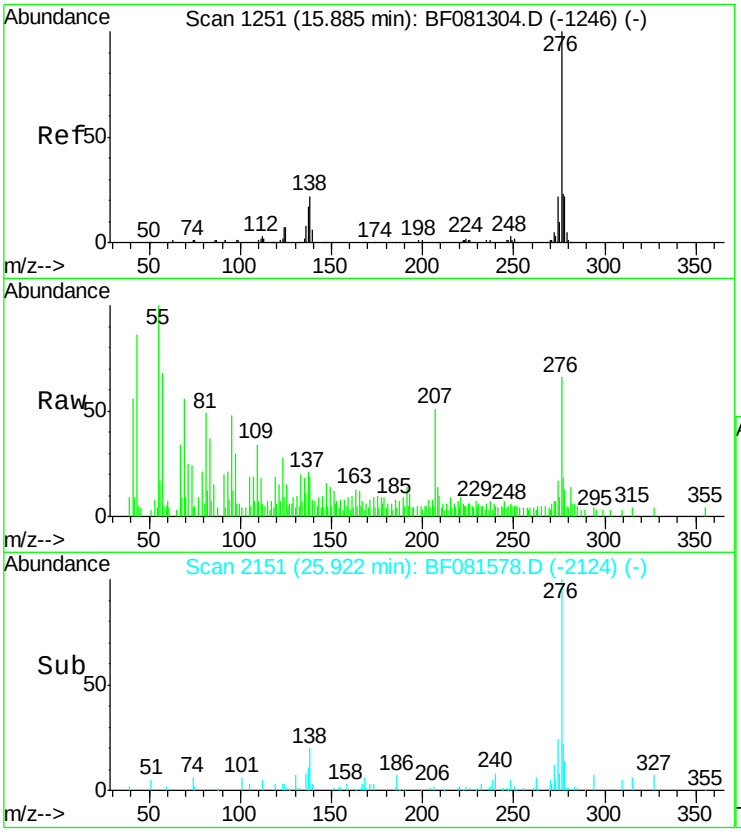


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.76 ng
RT: 23.53 min Scan# 1942
Delta R.T. 0.01 min
Lab File: BF081578.D
Acq: 10 Sep 2015 21:33

Tgt Ion:149 Resp: 10995

Ion	Ratio	Lower	Upper
149	100		
167	28.1	24.2	36.2
279	0.0	3.8	5.6#



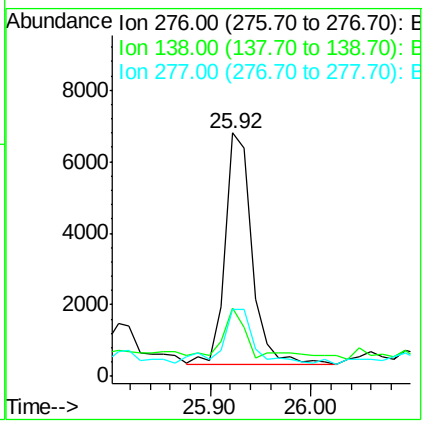


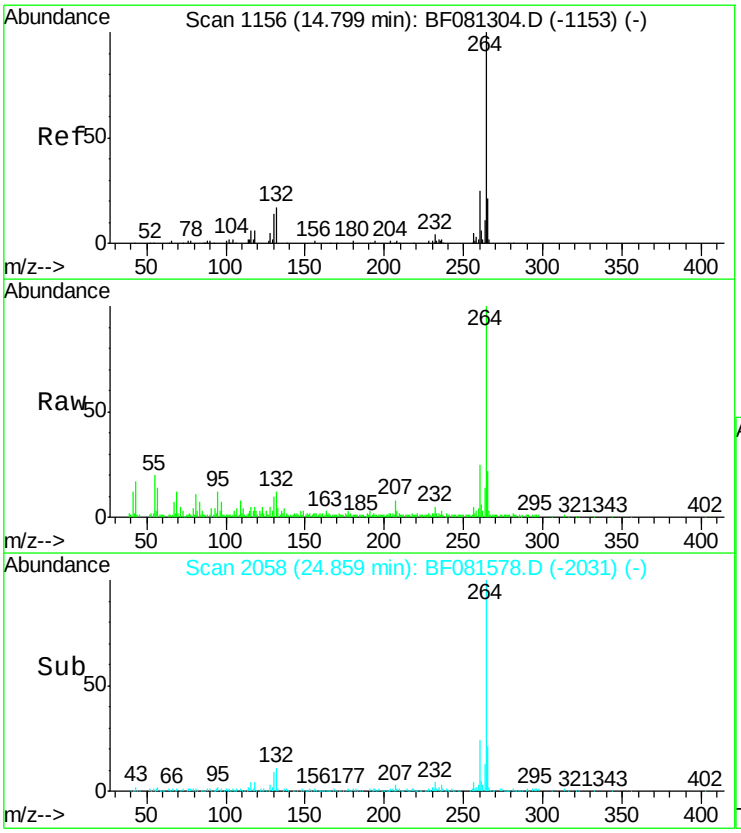
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.04 ng
RT: 25.92 min Scan# 2151
Delta R.T. 0.01 min
Lab File: BF081578.D
Acq: 10 Sep 2015 21:33

Instrument :
BNA_F
ClientSampleId :
TYB4(1.5-2)

Tgt Ion:276 Resp: 11907

Ion	Ratio	Lower	Upper
276	100		
138	16.0	25.7	38.5#
277	27.2	15.6	23.4#

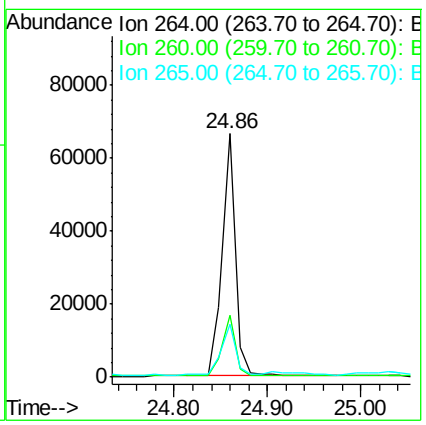


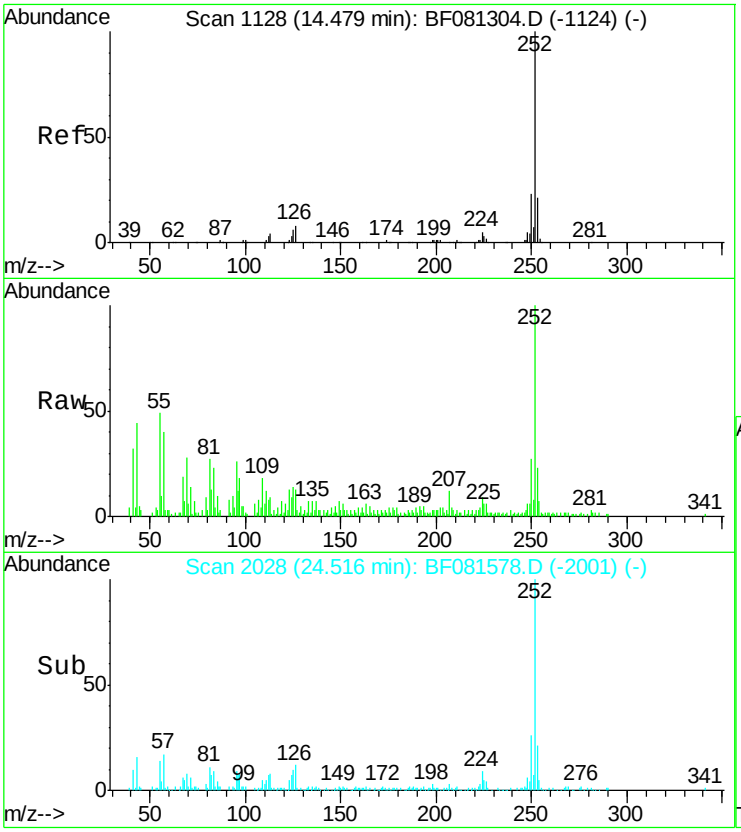


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.86 min Scan# 2058
Delta R.T. 0.01 min
Lab File: BF081578.D
Acq: 10 Sep 2015 21:33

Tgt Ion:264 Resp: 65565

Ion	Ratio	Lower	Upper
264	100		
260	25.2	16.7	25.1#
265	21.7	17.2	25.8



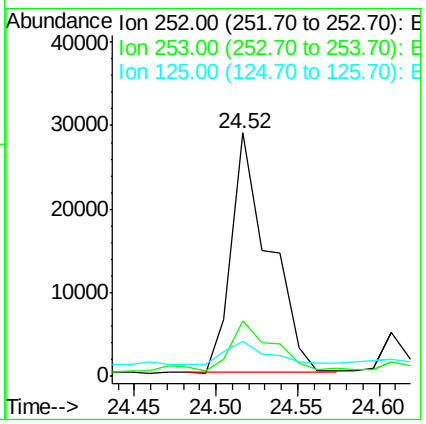


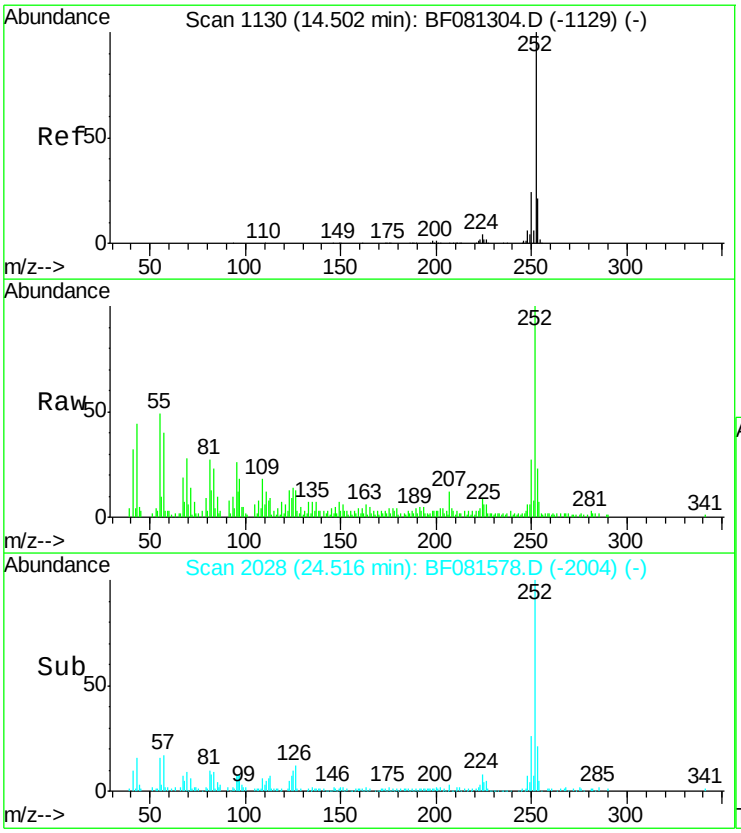
#87
Benzo(b)fluoranthene
Concen: 9.83 ng
RT: 24.52 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BF081578.D
Acq: 10 Sep 2015 21:33

Instrument :
BNA_F
ClientSampleId :
TYB4(1.5-2)

Tgt Ion:252 Resp: 45995

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	14.4	17.1	25.7#

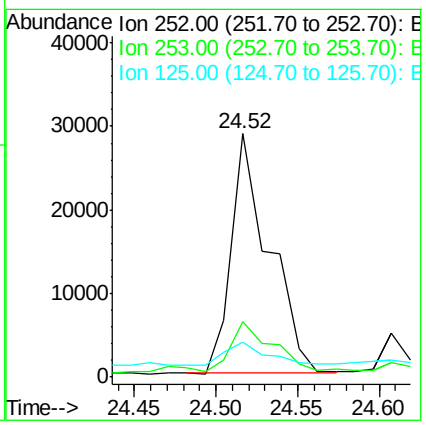


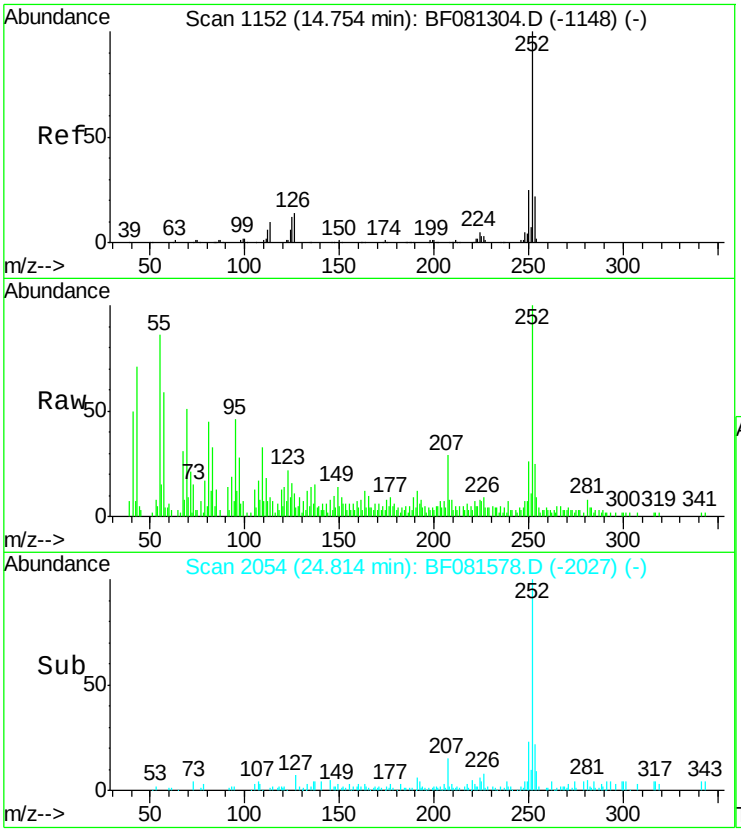


#88
Benzo(k)fluoranthene
Concen: 11.84 ng
RT: 24.52 min Scan# 2028
Delta R.T. -0.02 min
Lab File: BF081578.D
Acq: 10 Sep 2015 21:33

Tgt Ion:252 Resp: 45995

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.0	25.4
125	14.4	16.0	24.0#



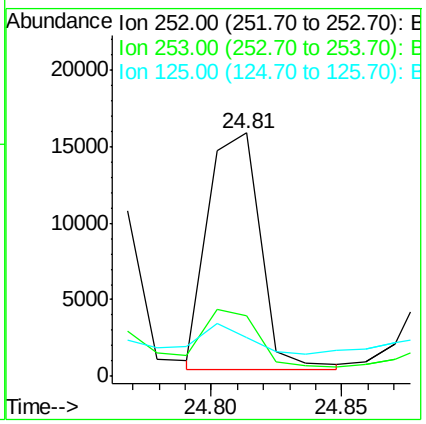


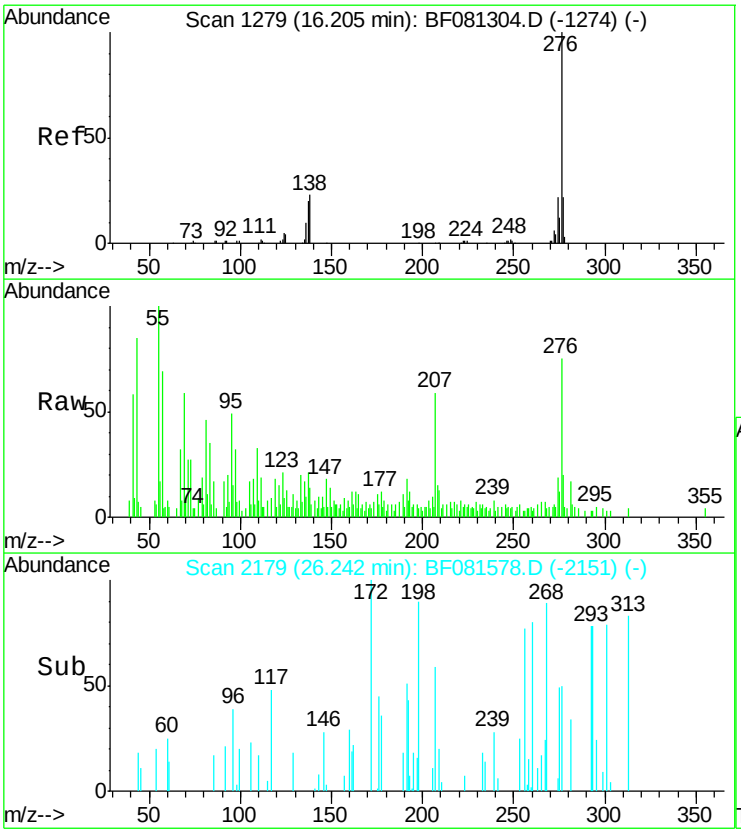
#89
Benzo(a)pyrene
Concen: 5.47 ng
RT: 24.81 min Scan# 2054
Delta R.T. 0.01 min
Lab File: BF081578.D
Acq: 10 Sep 2015 21:33

Instrument :
BNA_F
ClientSampleId :
TYB4(1.5-2)

Tgt Ion:252 Resp: 21715

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.2	25.8
125	15.8	18.0	27.0#





#91
Benzo(g,h,i)perylene
Concen: 4.81 ng
RT: 26.24 min Scan# 2179
Delta R.T. 0.02 min
Lab File: BF081578.D
Acq: 10 Sep 2015 21:33

Tgt Ion:276 Resp: 14071

Ion	Ratio	Lower	Upper
276	100		
277	26.5	17.8	26.6
138	19.2	34.6	51.8#