Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091015\
Data File : BF081583.D
Acq On : 11 Sep 2015 00:37
Operator : UM/IZ
Sample : G3511-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-05(0-0.16)

Quant Time: Sep 11 07:34:07 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	8.27	152	47086	20.00	ng		0.01
21) Naphthalene-d8	11.18	136	180275	20.00	ng		0.01
38) Acenaphthene-d10	15.32	164	73610	20.00	ng		0.01
63) Phenanthrene-d10	18.82	188	126268	20.00	ng		0.01
75) Chrysene-d12	23.43	240	93014	20.00	ng		0.01
86) Perylene-d12	24.86	264	56665	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	428825	141.30	ng		0.05
7) Phenol-d6	7.73	99	627170	156.12	ng		0.03
23) Nitrobenzene-d5	9.58	82	375706	100.55	ng		0.01
41) 2,4,6-Tribromophenol	17.22	330	78789	120.21	ng		0.01
44) 2-Fluorobiphenyl	13.83	172	647754	112.77	ng		0.01
78) Terphenyl-d14	22.16	244	443910	111.10	ng		0.01
Target Compounds							Qvalue
49) Dimethylphthalate	14.88	163	130670	22.85	ng	#	97
70) Phenanthrene	18.88	178	48846	6.96	ng		96
74) Fluoranthene	21.49	202	133136	17.52	ng		87
77) Pyrene	21.83	202	116645	16.93	ng		97
80) Benzo(a)anthracene	23.42	228	67062	11.32	ng		94
82) Chrysene	23.45	228	71219	13.41	ng		93
83) Bis(2-ethylhexyl)phthalate	23.53	149	15572	3.94	ng	#	90
85) Indeno(1,2,3-cd)pyrene	25.93	276	28597m	7.34	ng		
87) Benzo(b)fluoranthene	24.53	252	84556m	20.90	ng		
88) Benzo(k)fluoranthene	24.54	252	17822m	5.31	ng		
89) Benzo(a)pyrene	24.81	252	45908	13.39	ng	#	87
90) Dibenzo(a,h)anthracene	25.95	278	9779	3.69	ng	#	80
91) Benzo(g,h,i)perylene	26.25	276	30098	11.90	ng	#	71

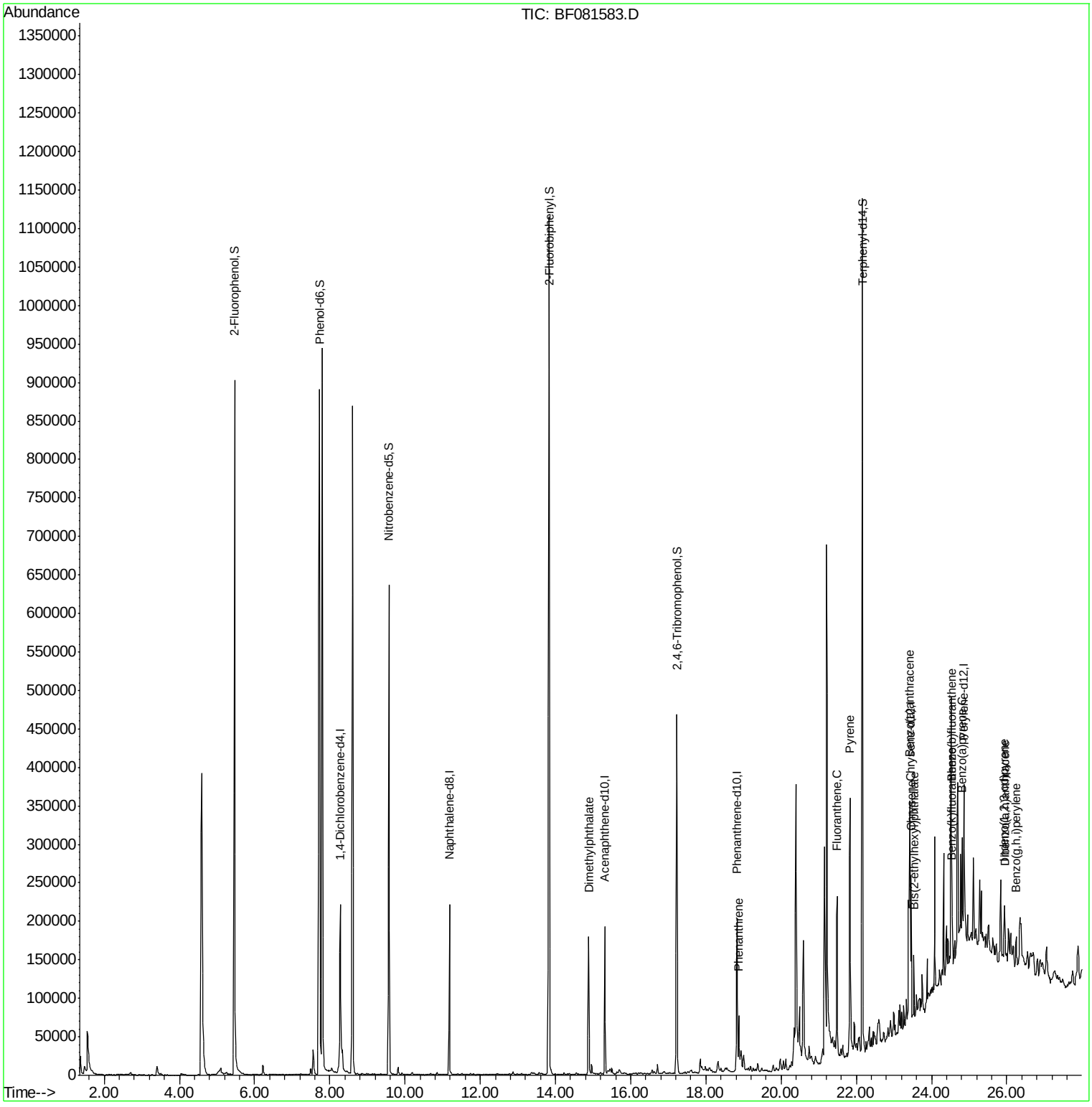
(#) = qualifier out of range (m) = manual integration (+) = signals summed

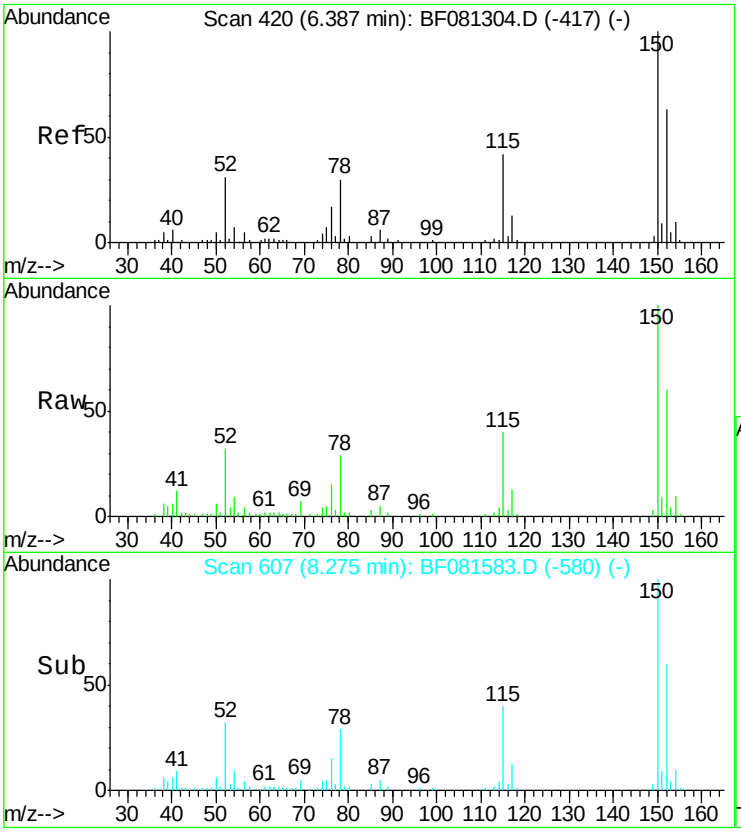
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091015\
Data File : BF081583.D
Acq On : 11 Sep 2015 00:37
Operator : UM/IZ
Sample : G3511-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-05(0-0.16)

Quant Time: Sep 11 07:34:07 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



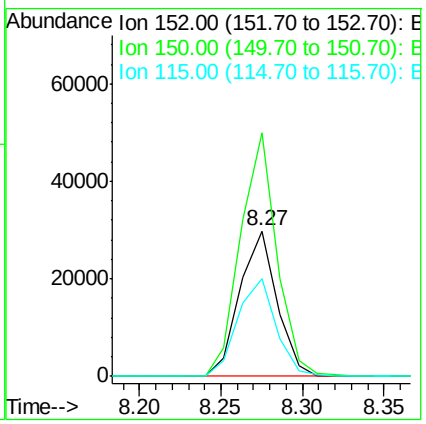


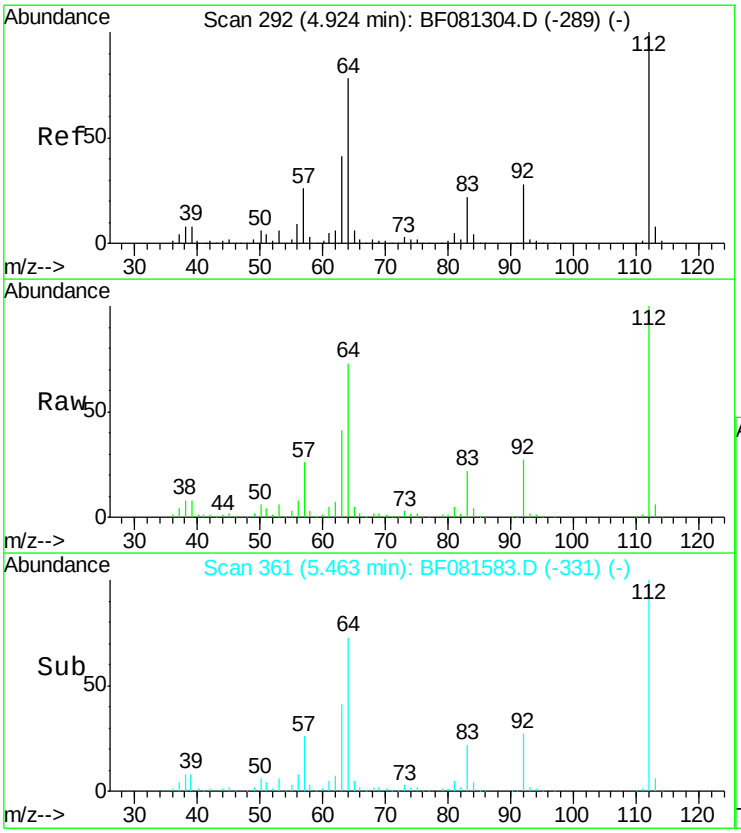
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.27 min Scan# 607
Delta R.T. 0.01 min
Lab File: BF081583.D
Acq: 11 Sep 2015 00:37

Instrument :
BNA_F
ClientSampleId :
SB-05(0-0.16)

Tgt Ion:152 Resp: 47086

Ion	Ratio	Lower	Upper
152	100		
150	167.3	124.7	187.1
115	67.0	39.0	58.4#

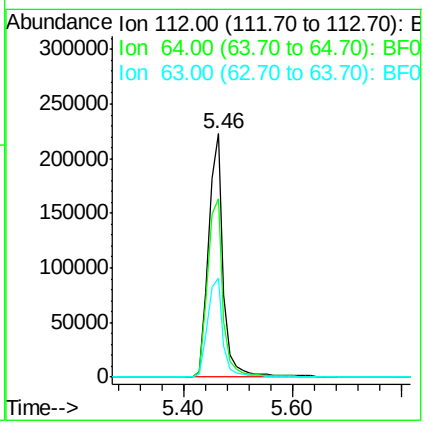


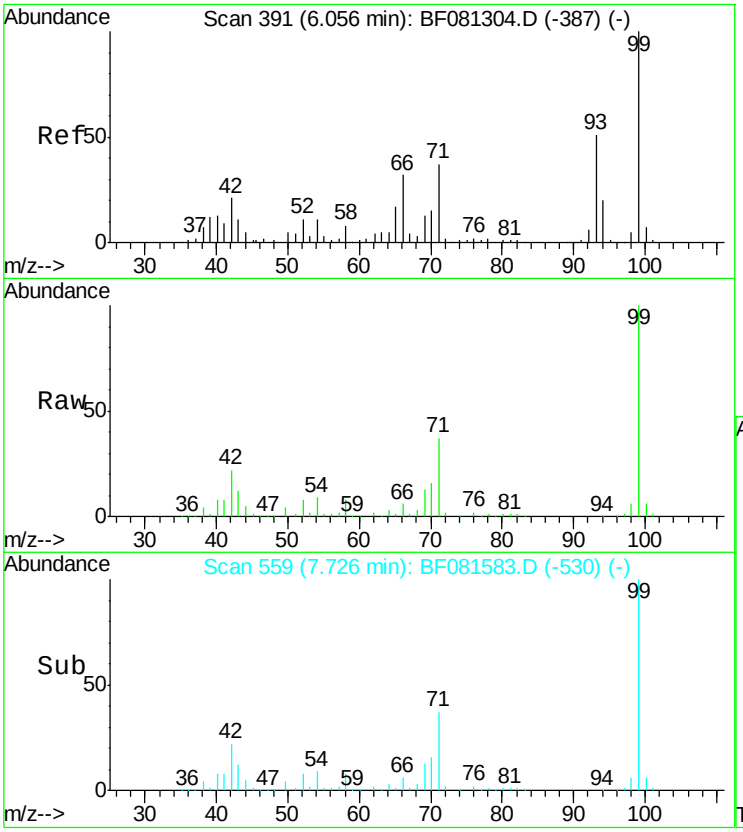


#5
2-Fluorophenol
Concen: 141.30 ng
RT: 5.46 min Scan# 361
Delta R.T. 0.05 min
Lab File: BF081583.D
Acq: 11 Sep 2015 00:37

Tgt Ion:112 Resp: 428825

Ion	Ratio	Lower	Upper
112	100		
64	73.2	39.7	59.5#
63	40.9	17.4	26.0#



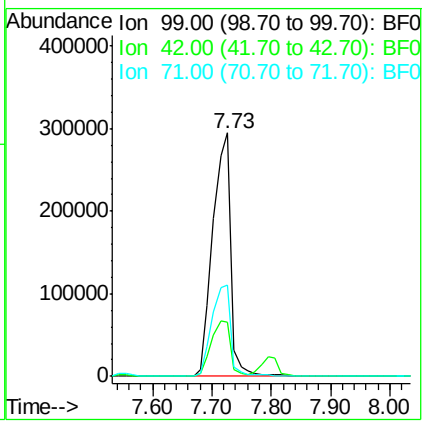


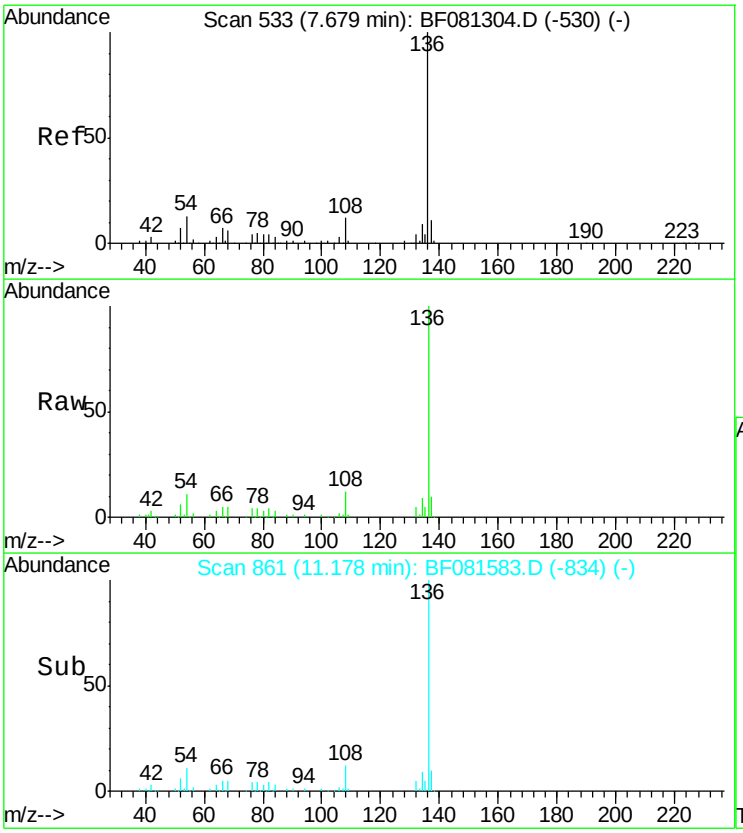
#7
Phenol-d6
Concen: 156.12 ng
RT: 7.73 min Scan# 559
Delta R.T. 0.03 min
Lab File: BF081583.D
Acq: 11 Sep 2015 00:37

Instrument :
BNA_F
ClientSampleId :
SB-05(0-0.16)

Tgt Ion: 99 Resp: 627170

Ion	Ratio	Lower	Upper
99	100		
42	22.5	13.7	20.5#
71	37.3	14.2	21.2#

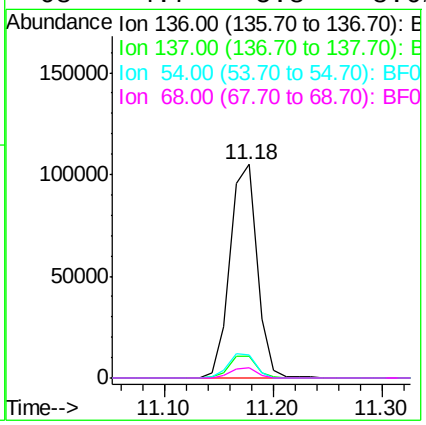


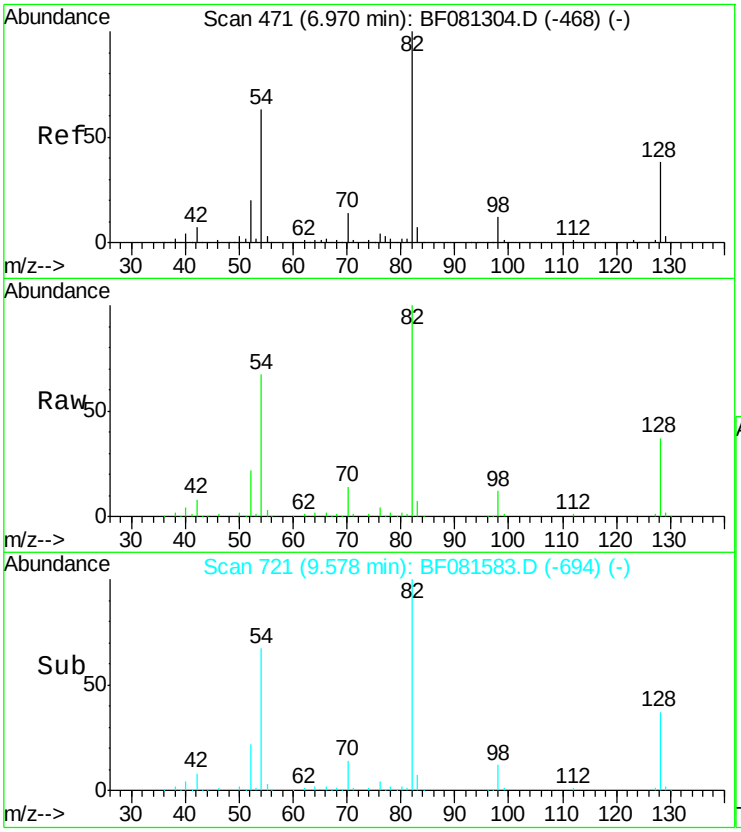


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.18 min Scan# 861
Delta R.T. 0.01 min
Lab File: BF081583.D
Acq: 11 Sep 2015 00:37

Tgt Ion:136 Resp: 180275

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.0	13.6
54	11.0	8.2	12.2
68	4.7	5.8	8.6#



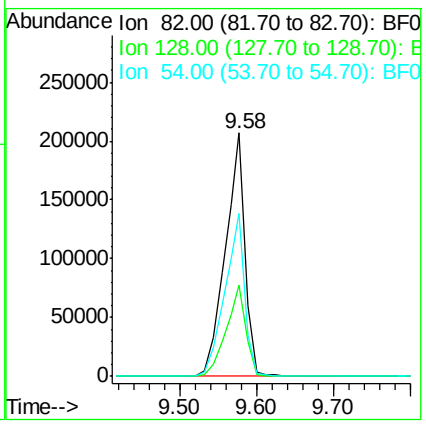


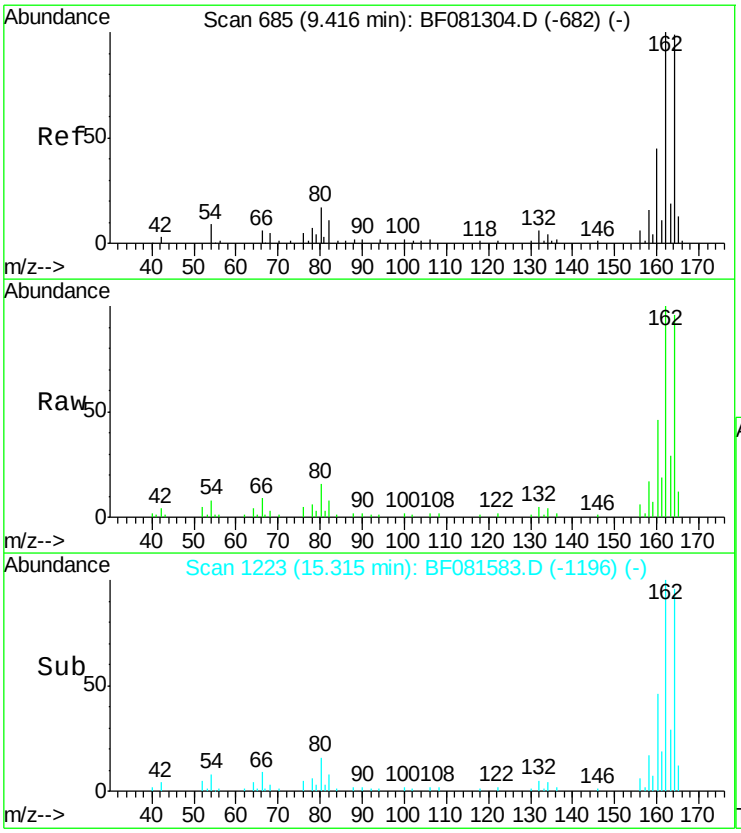
#23
Nitrobenzene-d5
Concen: 100.55 ng
RT: 9.58 min Scan# 721
Delta R.T. 0.01 min
Lab File: BF081583.D
Acq: 11 Sep 2015 00:37

Instrument :
BNA_F
ClientSampleId :
SB-05(0-0.16)

Tgt Ion: 82 Resp: 375706

Ion	Ratio	Lower	Upper
82	100		
128	37.4	51.0	76.6#
54	67.2	47.5	71.3

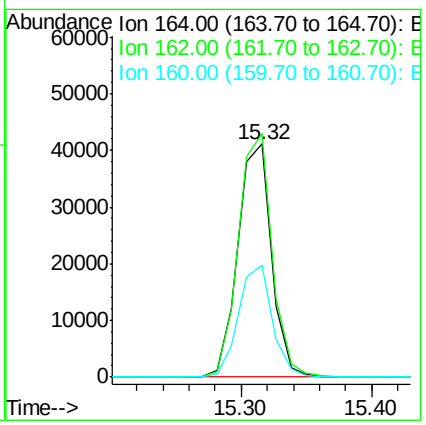


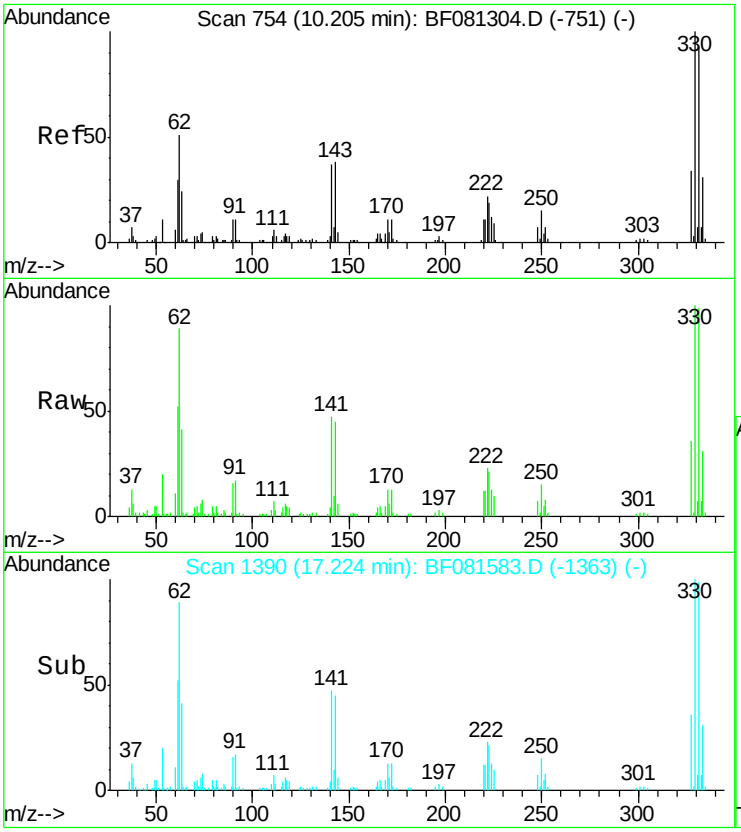


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.32 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BF081583.D
Acq: 11 Sep 2015 00:37

Tgt Ion:164 Resp: 73610

Ion	Ratio	Lower	Upper
164	100		
162	104.6	75.2	112.8
160	47.9	31.5	47.3#



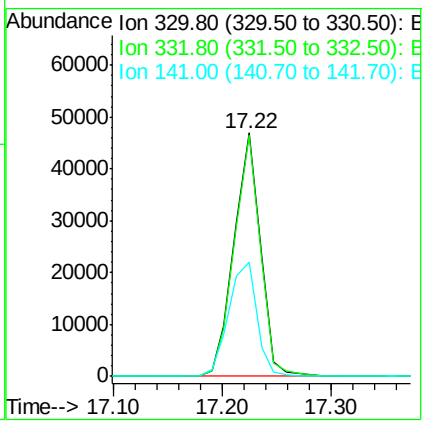


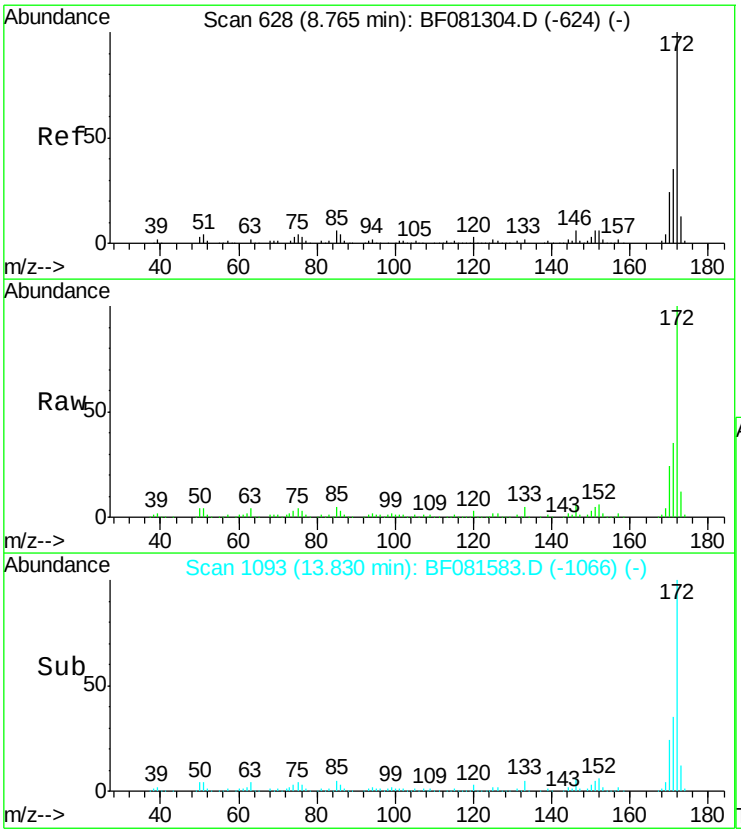
#41
2,4,6-Tribromophenol
Concen: 120.21 ng
RT: 17.22 min Scan# 1390
Delta R.T. 0.01 min
Lab File: BF081583.D
Acq: 11 Sep 2015 00:37

Instrument :
BNA_F
ClientSampleId :
SB-05(0-0.16)

Tgt Ion:330 Resp: 78789

Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.6	114.8
141	50.2	29.7	44.5#

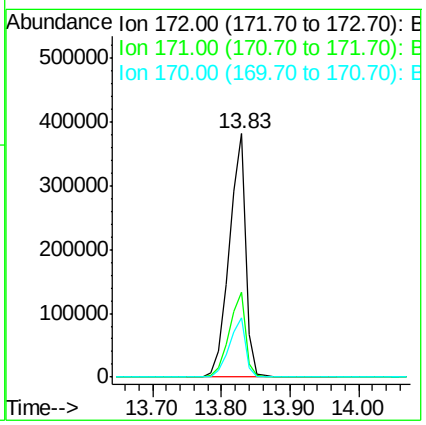


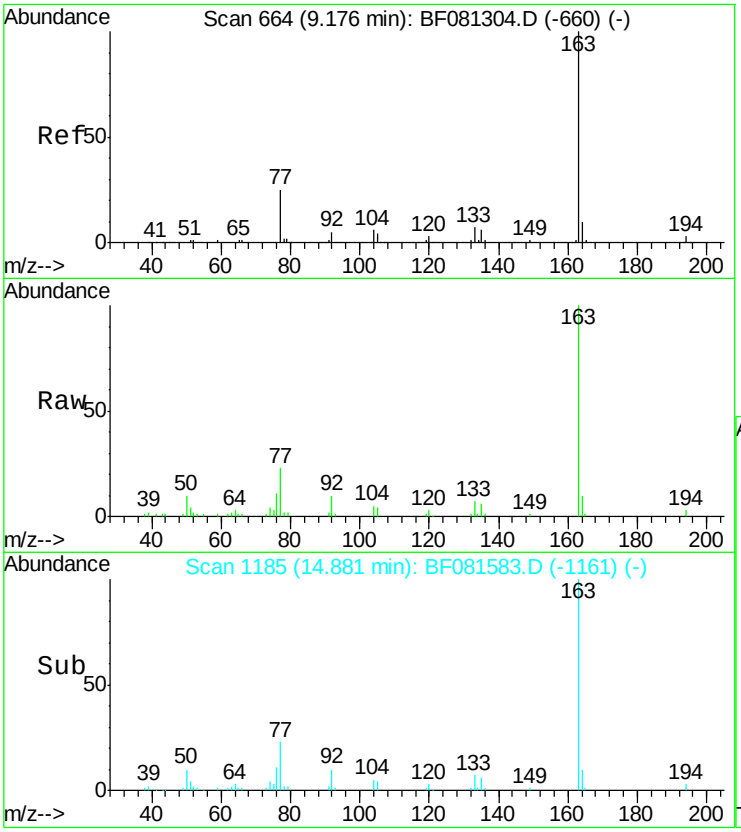


#44
2-Fluorobiphenyl
Concen: 112.77 ng
RT: 13.83 min Scan# 1093
Delta R.T. 0.01 min
Lab File: BF081583.D
Acq: 11 Sep 2015 00:37

Tgt Ion:172 Resp: 647754

Ion	Ratio	Lower	Upper
172	100		
171	34.8	26.1	39.1
170	24.3	17.4	26.2



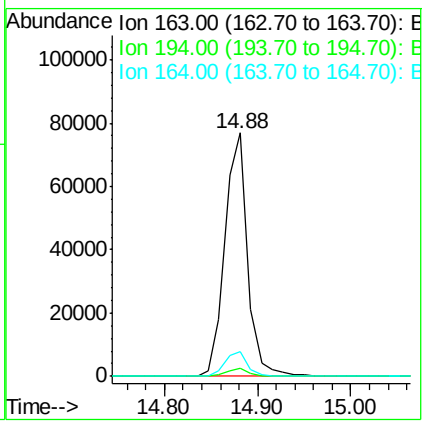


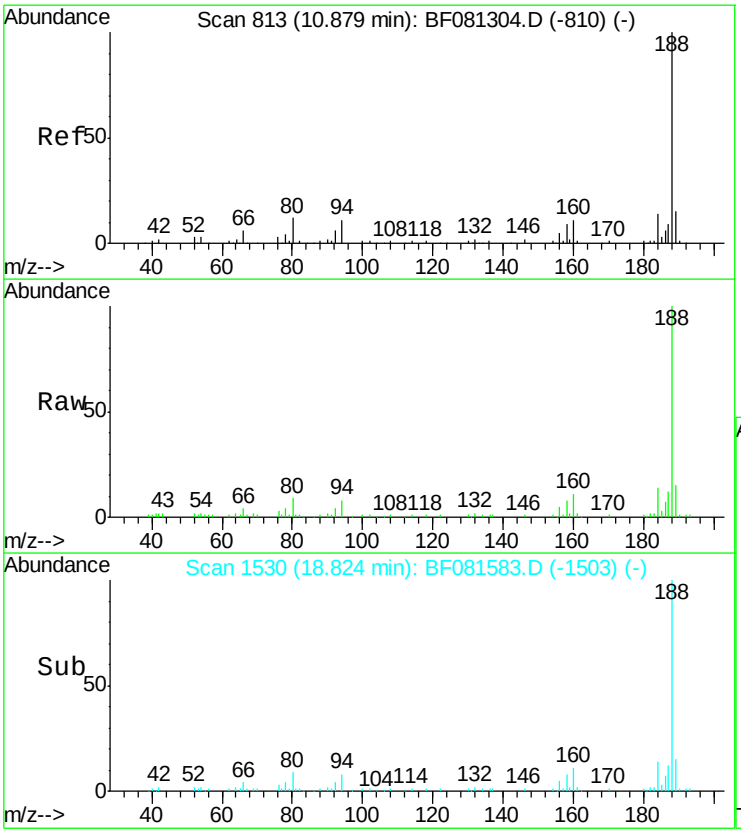
#49
Dimethylphthalate
Concen: 22.85 ng
RT: 14.88 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF081583.D
Acq: 11 Sep 2015 00:37

Instrument :
BNA_F
ClientSampleId :
SB-05(0-0.16)

Tgt Ion:163 Resp: 130670

Ion	Ratio	Lower	Upper
163	100		
194	3.2	4.4	6.6#
164	10.0	8.3	12.5

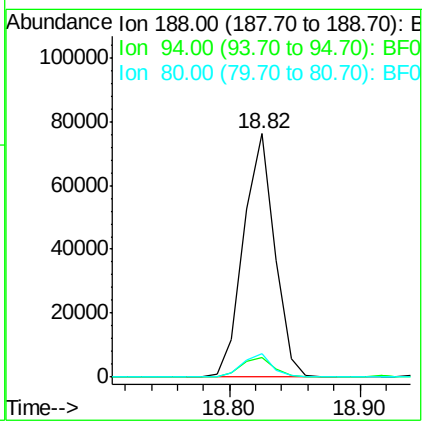


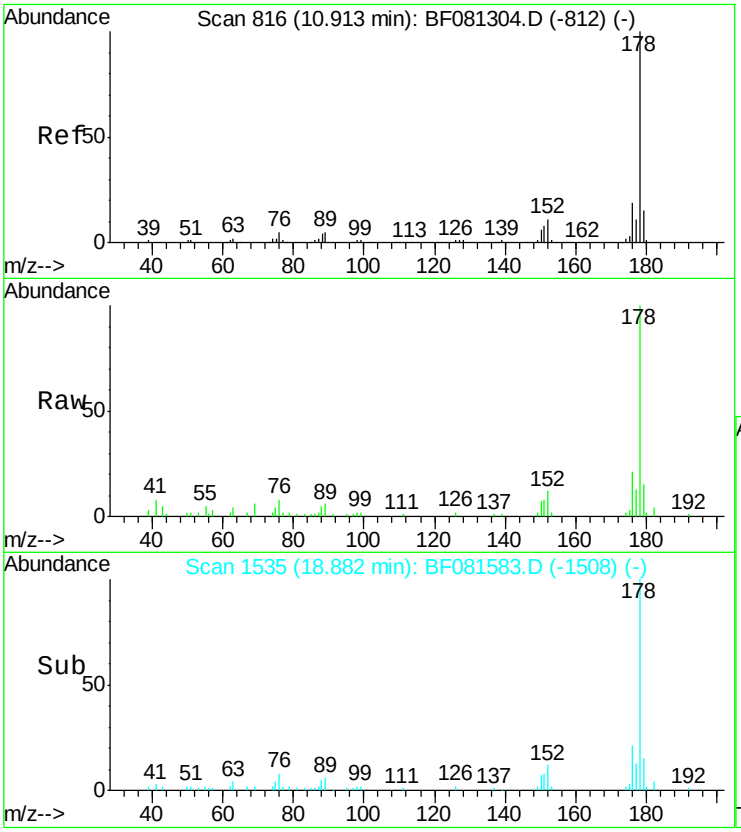


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.82 min Scan# 1530
Delta R.T. 0.01 min
Lab File: BF081583.D
Acq: 11 Sep 2015 00:37

Tgt Ion:188 Resp: 126268

Ion	Ratio	Lower	Upper
188	100		
94	7.9	11.1	16.7#
80	9.4	11.0	16.4#



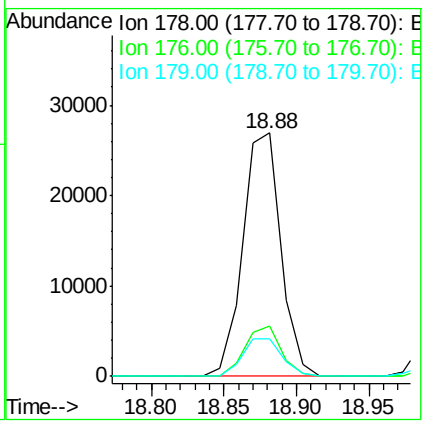


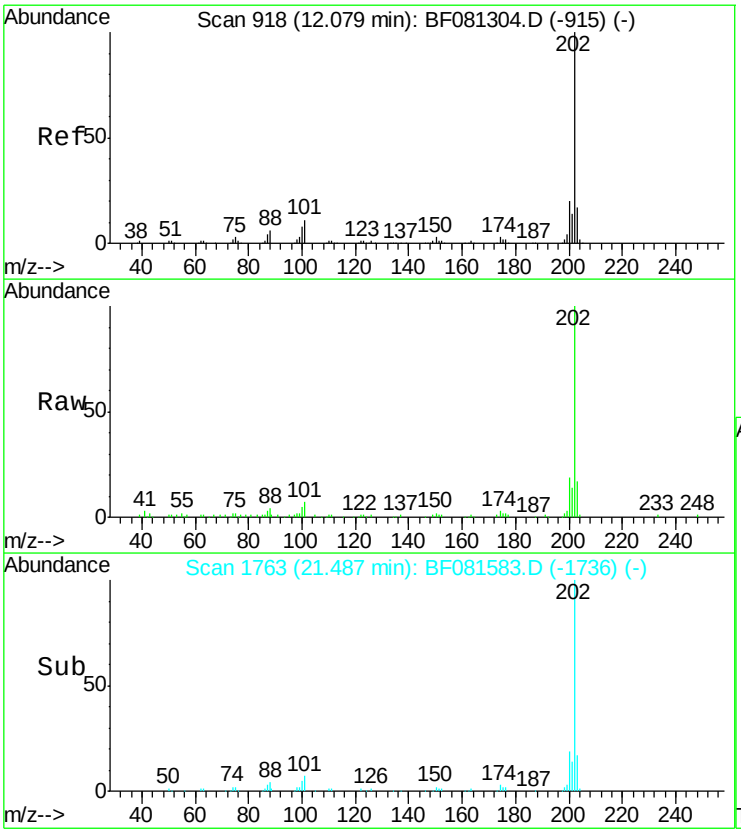
#70
Phenanthrene
Concen: 6.96 ng
RT: 18.88 min Scan# 1535
Delta R.T. 0.01 min
Lab File: BF081583.D
Acq: 11 Sep 2015 00:37

Instrument :
BNA_F
ClientSampleId :
SB-05(0-0.16)

Tgt Ion:178 Resp: 48846

Ion	Ratio	Lower	Upper
178	100		
176	20.7	13.8	20.8
179	15.4	12.2	18.2

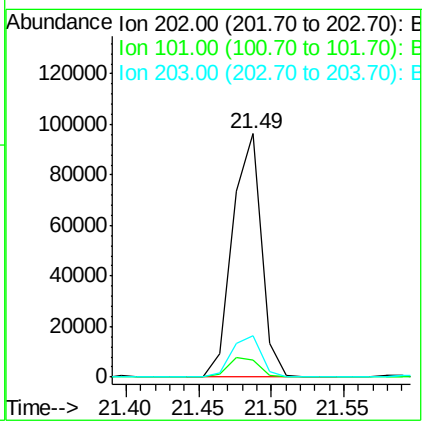


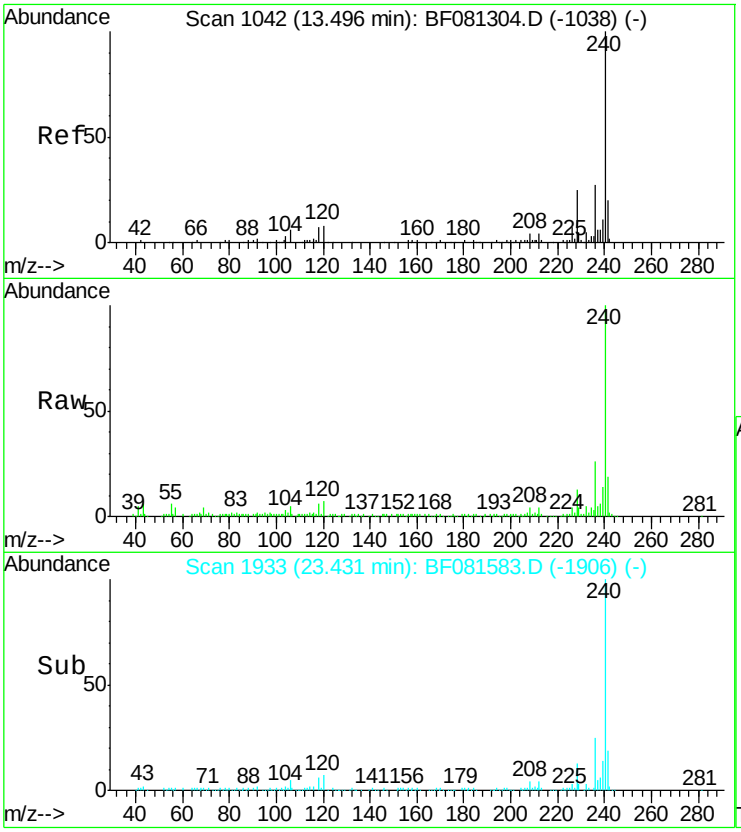


#74
Fluoranthene
Concen: 17.52 ng
RT: 21.49 min Scan# 1763
Delta R.T. 0.01 min
Lab File: BF081583.D
Acq: 11 Sep 2015 00:37

Tgt Ion:202 Resp: 133136

Ion	Ratio	Lower	Upper
202	100		
101	7.0	0.0	38.3
203	17.1	0.0	37.3



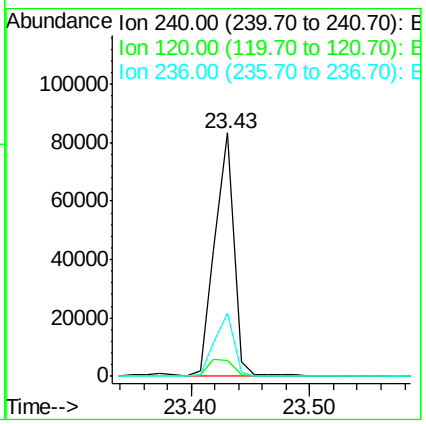


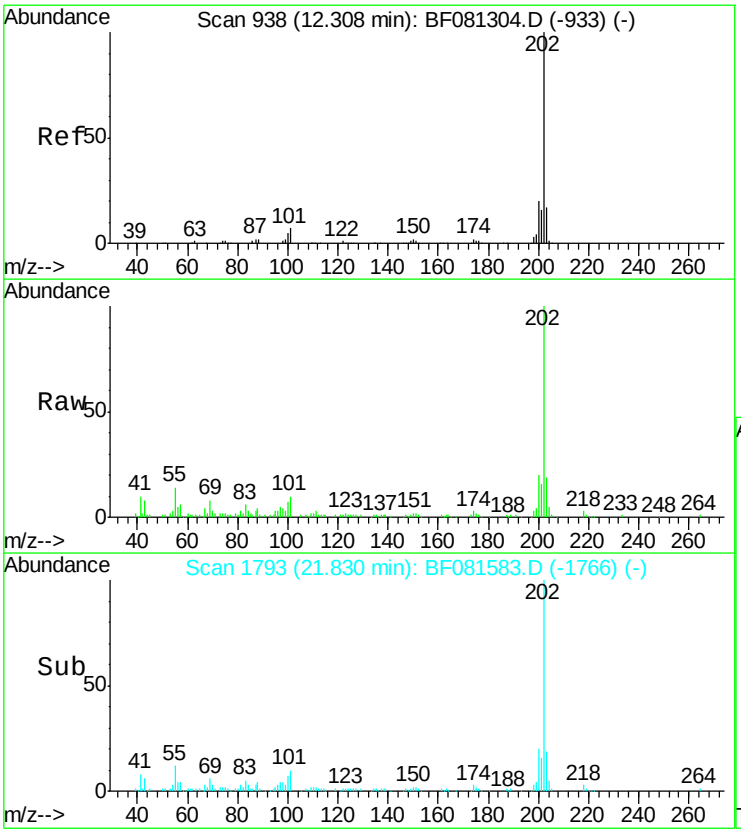
#75
Chrysene-d12
Concen: 20.00 ng
RT: 23.43 min Scan# 1933
Delta R.T. 0.01 min
Lab File: BF081583.D
Acq: 11 Sep 2015 00:37

Instrument :
BNA_F
ClientSampleId :
SB-05(0-0.16)

Tgt Ion:240 Resp: 93014

Ion	Ratio	Lower	Upper
240	100		
120	6.6	16.2	24.2#
236	26.0	18.4	27.6

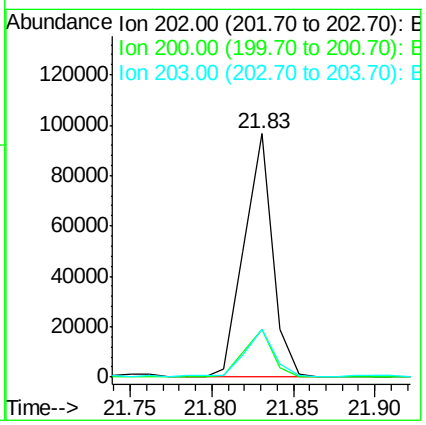


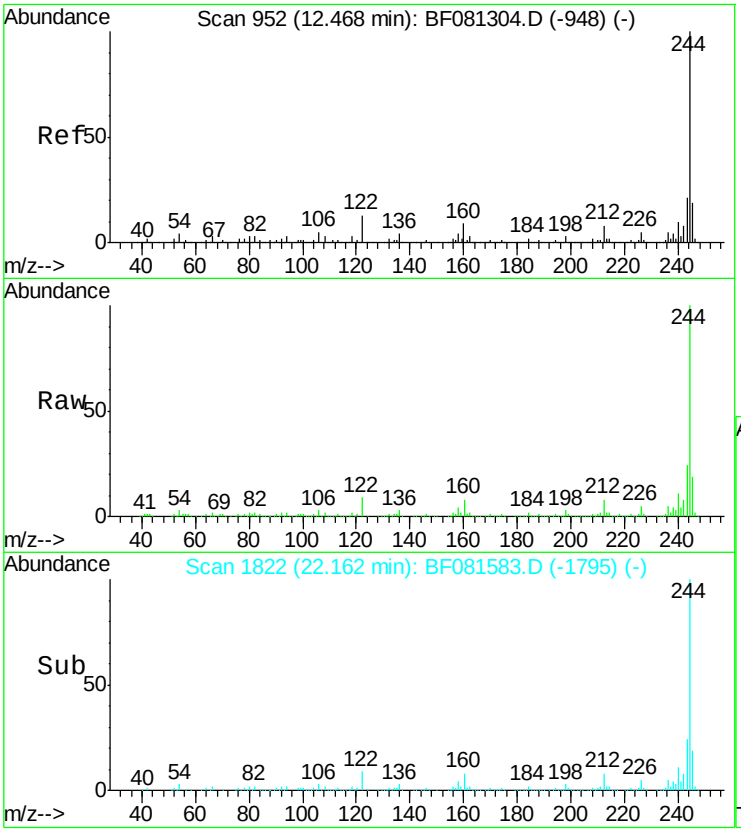


#77
Pyrene
Concen: 16.93 ng
RT: 21.83 min Scan# 1793
Delta R.T. 0.01 min
Lab File: BF081583.D
Acq: 11 Sep 2015 00:37

Tgt Ion:202 Resp: 116645

Ion	Ratio	Lower	Upper
202	100		
200	19.9	15.0	22.4
203	19.4	14.1	21.1



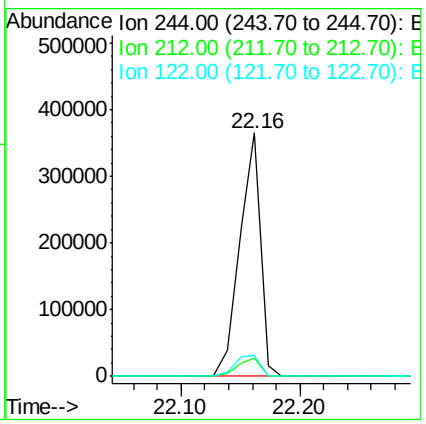


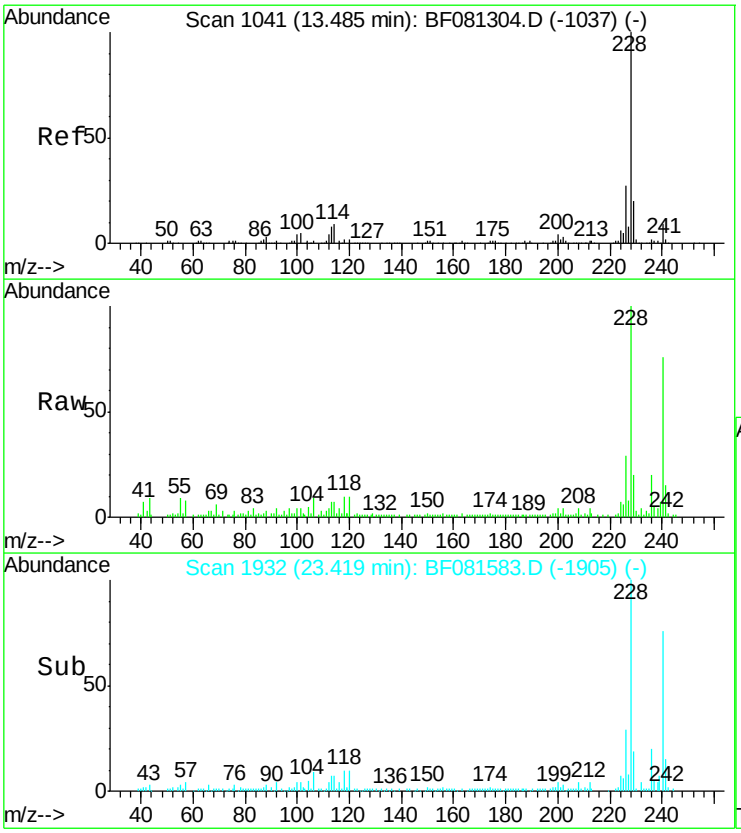
#78
Terphenyl-d14
Concen: 111.10 ng
RT: 22.16 min Scan# 1822
Delta R.T. 0.01 min
Lab File: BF081583.D
Acq: 11 Sep 2015 00:37

Instrument :
BNA_F
ClientSampleId :
SB-05(0-0.16)

Tgt Ion:244 Resp: 443910

Ion	Ratio	Lower	Upper
244	100		
212	7.6	4.3	6.5#
122	8.6	17.4	26.2#

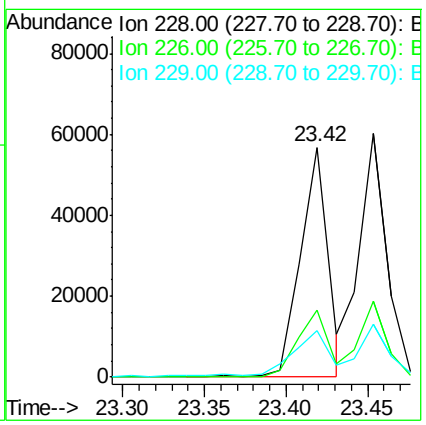


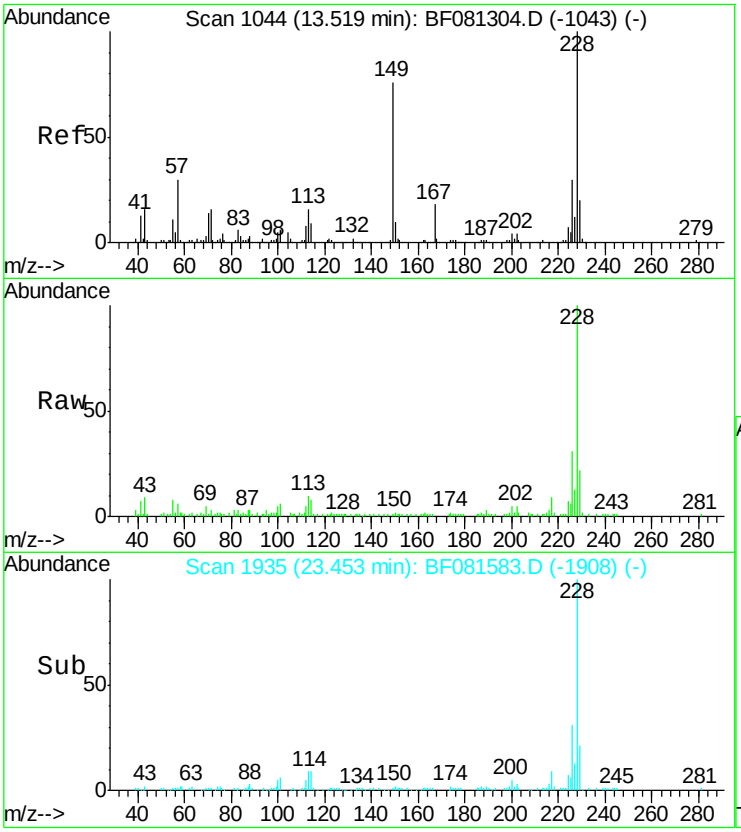


#80
Benzo(a)anthracene
Concen: 11.32 ng
RT: 23.42 min Scan# 1932
Delta R.T. 0.01 min
Lab File: BF081583.D
Acq: 11 Sep 2015 00:37

Tgt Ion:228 Resp: 67062

Ion	Ratio	Lower	Upper
228	100		
226	29.2	20.0	30.0
229	20.2	15.4	23.2



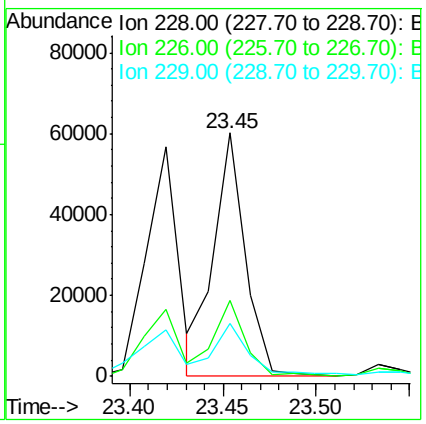


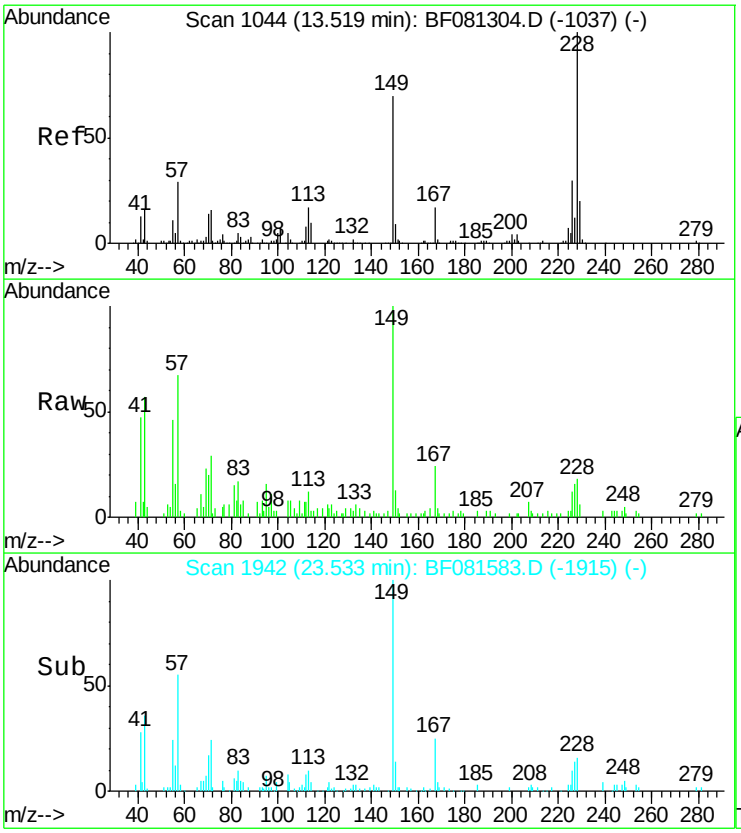
#82
Chrysene
Concen: 13.41 ng
RT: 23.45 min Scan# 1935
Delta R.T. 0.01 min
Lab File: BF081583.D
Acq: 11 Sep 2015 00:37

Instrument :
BNA_F
ClientSampleId :
SB-05(0-0.16)

Tgt Ion:228 Resp: 71219

Ion	Ratio	Lower	Upper
228	100		
226	31.1	21.0	31.4
229	21.6	15.6	23.4

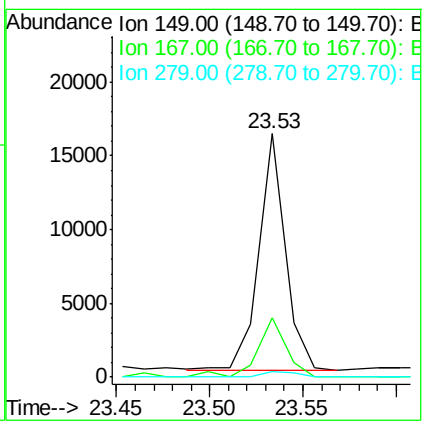


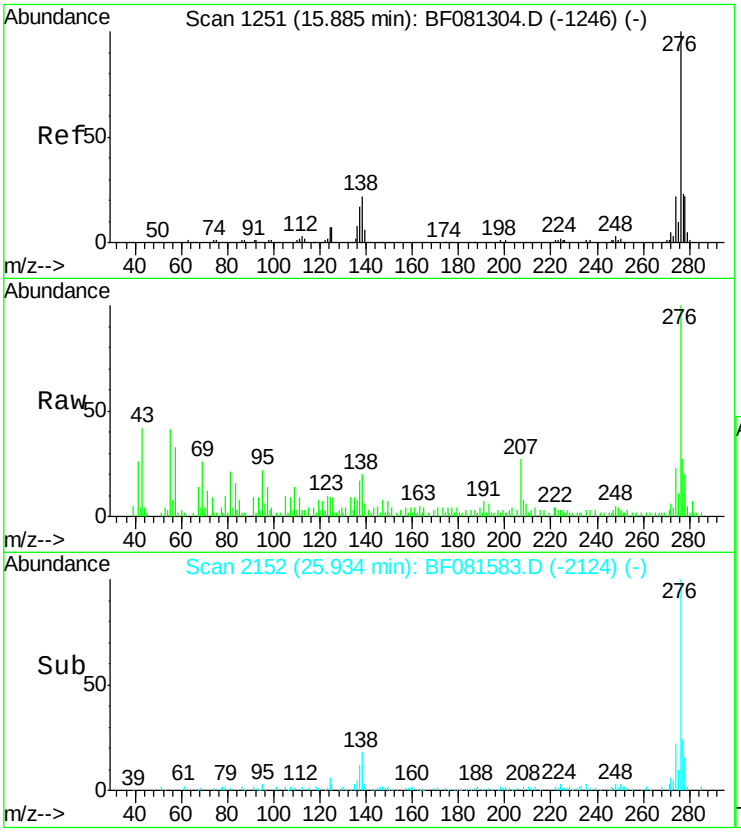


#83
Bis(2-ethylhexyl)phthalate
Concen: 3.94 ng
RT: 23.53 min Scan# 1942
Delta R.T. 0.01 min
Lab File: BF081583.D
Acq: 11 Sep 2015 00:37

Tgt Ion:149 Resp: 15572

Ion	Ratio	Lower	Upper
149	100		
167	24.3	24.2	36.2
279	2.2	3.8	5.6#



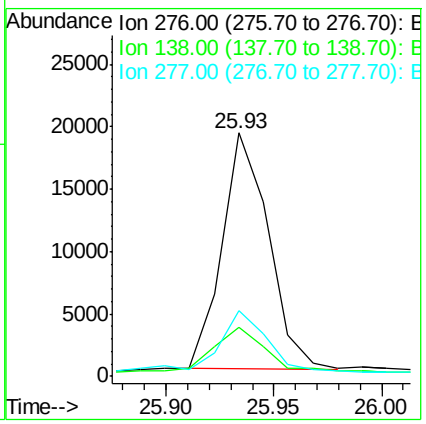


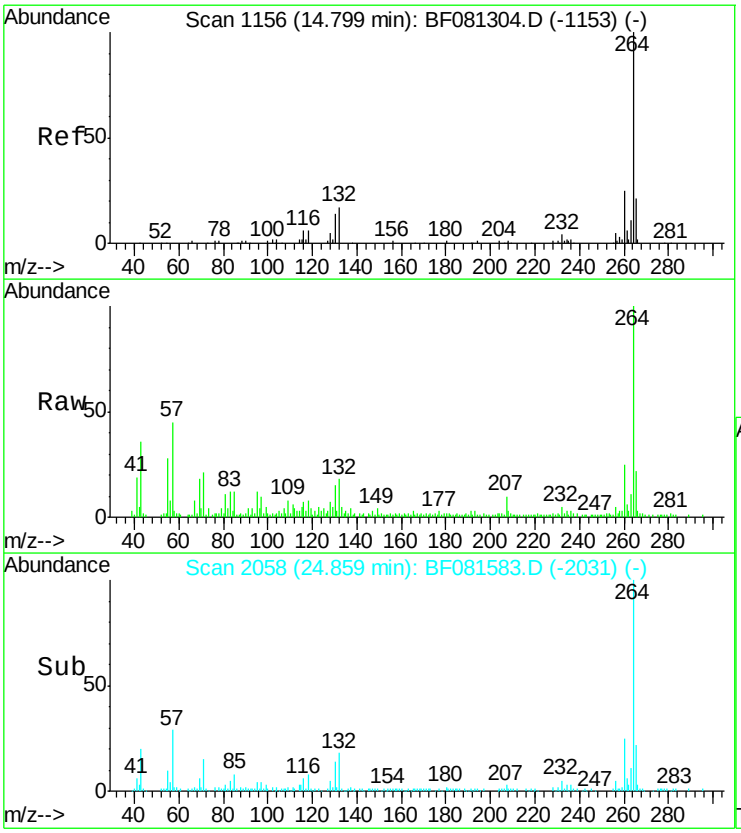
#85
Indeno(1,2,3-cd)pyrene
Concen: 7.34 ng m
RT: 25.93 min Scan# 2152
Delta R.T. 0.02 min
Lab File: BF081583.D
Acq: 11 Sep 2015 00:37

Instrument :
BNA_F
ClientSampleId :
SB-05(0-0.16)

Tgt Ion:276 Resp: 28597

Ion	Ratio	Lower	Upper
276	100		
138	2.4	25.7	38.5#
277	1.7	15.6	23.4#

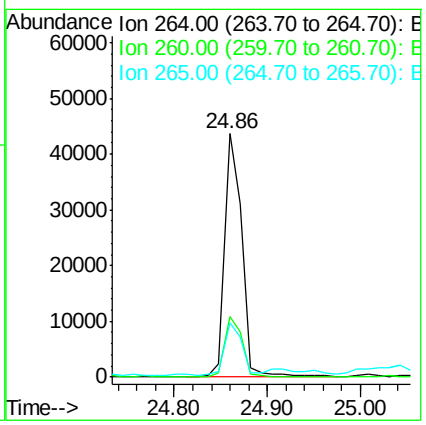


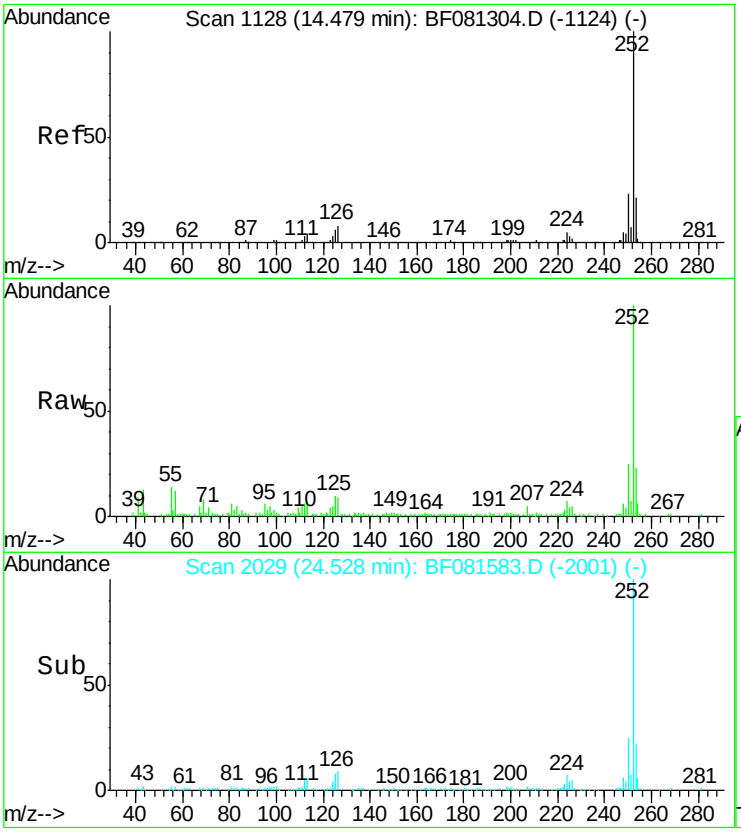


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.86 min Scan# 2058
Delta R.T. 0.01 min
Lab File: BF081583.D
Acq: 11 Sep 2015 00:37

Tgt Ion:264 Resp: 56665

Ion	Ratio	Lower	Upper
264	100		
260	24.7	16.7	25.1
265	22.4	17.2	25.8



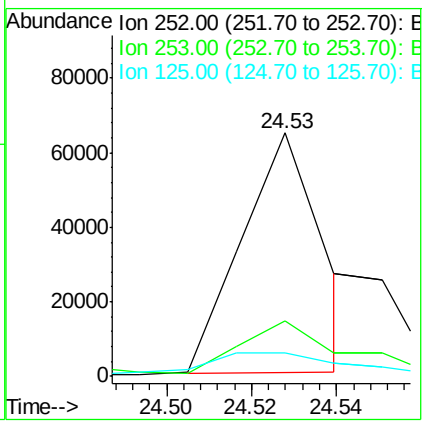


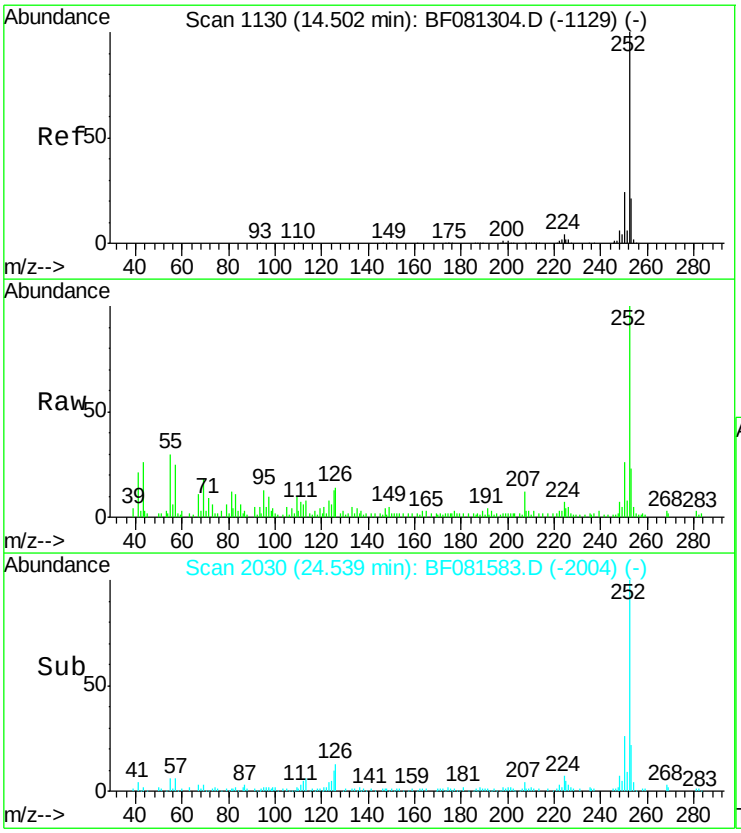
#87
Benzo(b)fluoranthene
Concen: 20.90 ng m
RT: 24.53 min Scan# 2029
Delta R.T. 0.02 min
Lab File: BF081583.D
Acq: 11 Sep 2015 00:37

Instrument :
BNA_F
ClientSampleId :
SB-05(0-0.16)

Tgt Ion:252 Resp: 84556

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	9.6	17.1	25.7#

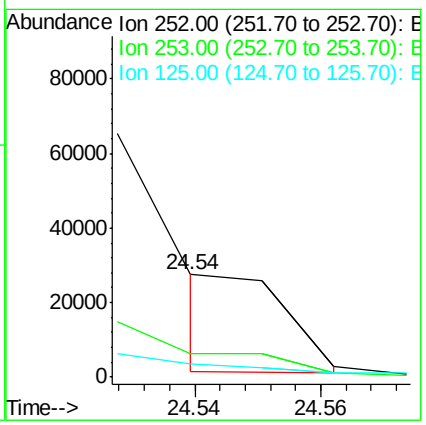


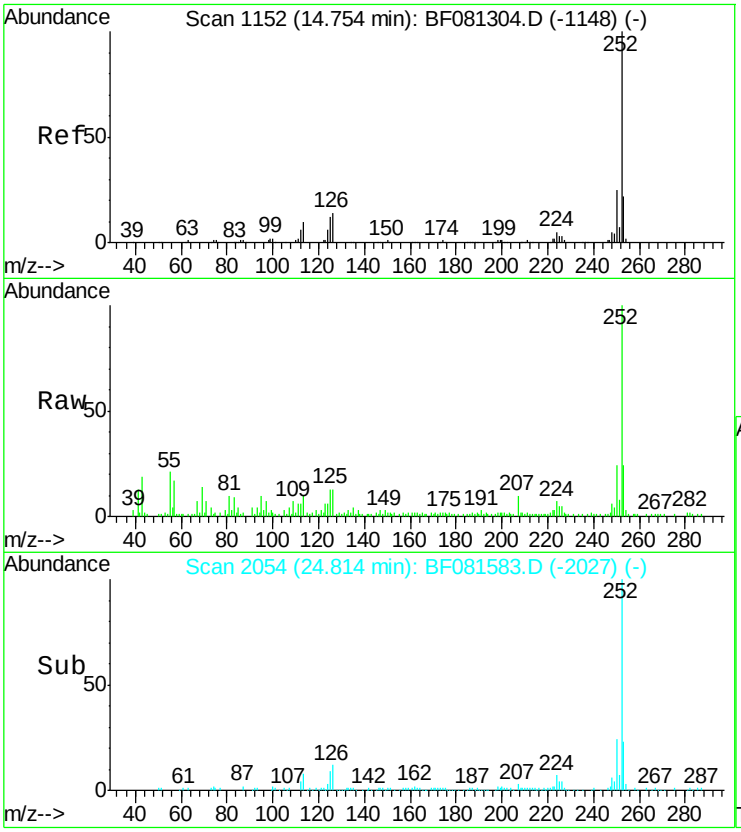


#88
Benzo(k)fluoranthene
Concen: 5.31 ng m
RT: 24.54 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BF081583.D
Acq: 11 Sep 2015 00:37

Tgt Ion:252 Resp: 17822

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.4
125	12.9	16.0	24.0#



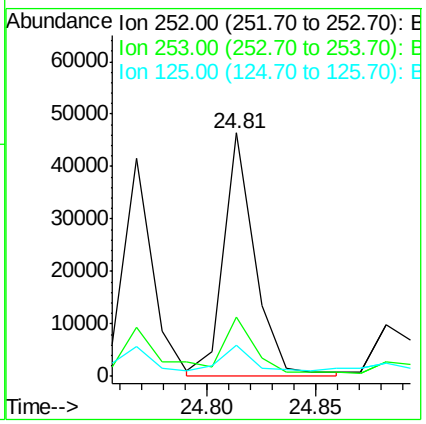


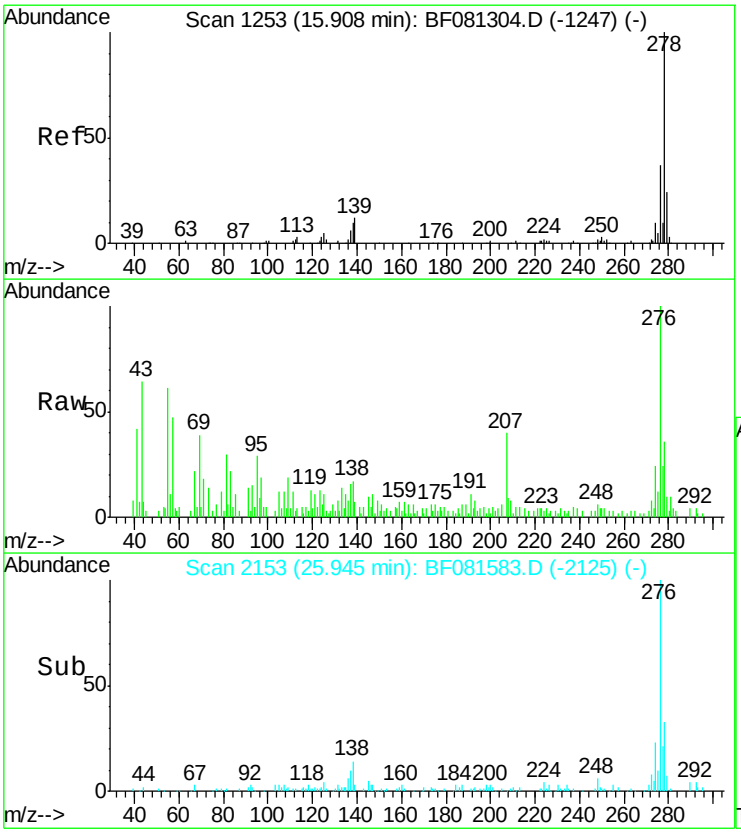
#89
Benzo(a)pyrene
Concen: 13.39 ng
RT: 24.81 min Scan# 2054
Delta R.T. 0.01 min
Lab File: BF081583.D
Acq: 11 Sep 2015 00:37

Instrument :
BNA_F
ClientSampleId :
SB-05(0-0.16)

Tgt Ion:252 Resp: 45908

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.2	25.8
125	13.0	18.0	27.0#

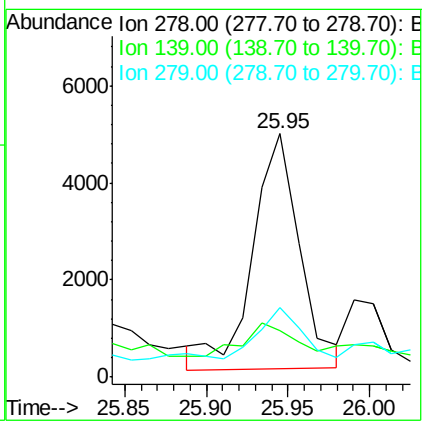


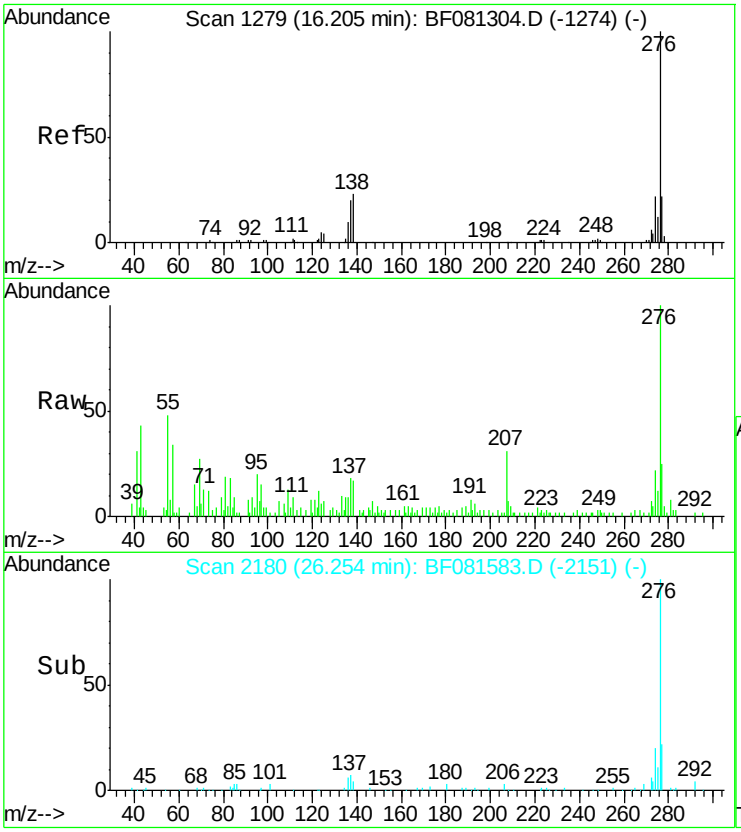


#90
Dibenzo(a,h)anthracene
Concen: 3.69 ng
RT: 25.95 min Scan# 2153
Delta R.T. 0.02 min
Lab File: BF081583.D
Acq: 11 Sep 2015 00:37

Tgt Ion:278 Resp: 9779

Ion	Ratio	Lower	Upper
278	100		
139	18.8	26.3	39.5#
279	28.7	18.2	27.4#





#91
Benzo(g,h,i)perylene
Concen: 11.90 ng
RT: 26.25 min Scan# 2180
Delta R.T. 0.03 min
Lab File: BF081583.D
Acq: 11 Sep 2015 00:37

Instrument :
BNA_F
ClientSampleId :
SB-05(0-0.16)

Tgt Ion:276 Resp: 30098

Ion	Ratio	Lower	Upper
276	100		
277	24.6	17.8	26.6
138	16.5	34.6	51.8#