Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091015\
Data File : BF081580.D
Acq On : 10 Sep 2015 22:47
Operator : UM/IZ
Sample : G3590-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TYB6(1.5-2)

Quant Time: Sep 11 00:45:58 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	47167	20.00	ng		0.01
21) Naphthalene-d8	11.17	136	176860	20.00	ng		0.00
38) Acenaphthene-d10	15.30	164	77331	20.00	ng		0.00
63) Phenanthrene-d10	18.82	188	130953	20.00	ng		0.01
75) Chrysene-d12	23.43	240	84386	20.00	ng		0.01
86) Perylene-d12	24.87	264	55320	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	302833	99.61	ng		0.02
7) Phenol-d6	7.71	99	419156	104.16	ng		0.02
23) Nitrobenzene-d5	9.57	82	252007	68.75	ng		0.00
41) 2,4,6-Tribromophenol	17.22	330	64383	93.50	ng		0.01
44) 2-Fluorobiphenyl	13.82	172	437441	72.49	ng		0.00
78) Terphenyl-d14	22.15	244	274430	75.70	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.57	70	34008	12.42	ng	#	69
49) Dimethylphthalate	14.87	163	100539	16.73	ng	#	97
74) Fluoranthene	21.48	202	22924	2.91	ng		88
77) Pyrene	21.82	202	23243	3.72	ng		96
80) Benzo(a)anthracene	23.42	228	12321	2.29	ng	#	91
82) Chrysene	23.42	228	12321	2.56	ng		92
83) Bis(2-ethylhexyl)phthalate	23.53	149	7851	2.19	ng	#	96
84) Di-n-octyl phthalate	24.23	149	76870	13.01	ng	#	34
87) Benzo(b)fluoranthene	24.53	252	16446	4.16	ng	#	78
88) Benzo(k)fluoranthene	24.53	252	16446	5.02	ng	#	76
89) Benzo(a)pyrene	24.81	252	7837	2.34	ng	#	48
91) Benzo(g,h,i)perylene	26.27	276	6065	2.46	ng	#	71

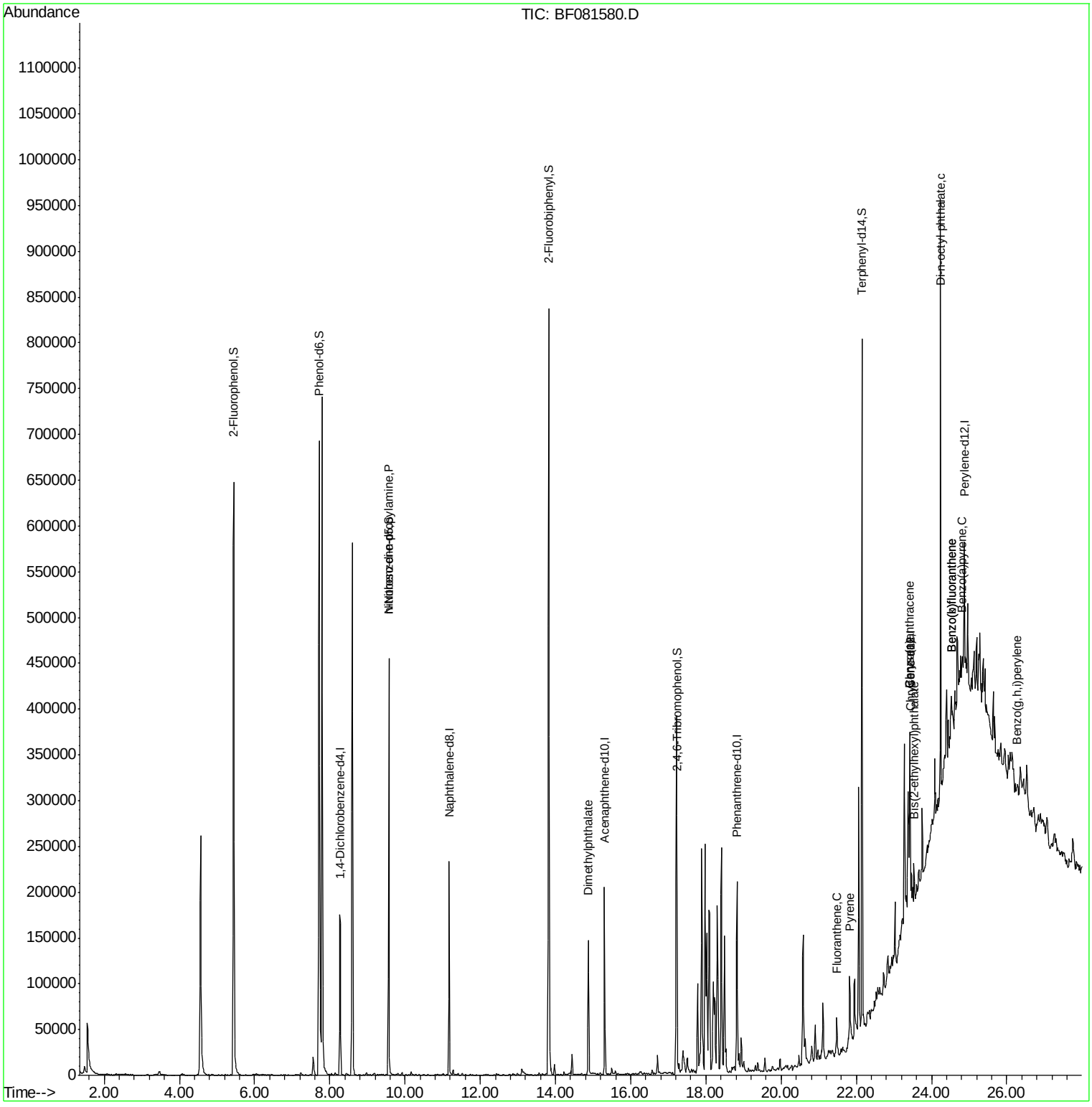
(#) = qualifier out of range (m) = manual integration (+) = signals summed

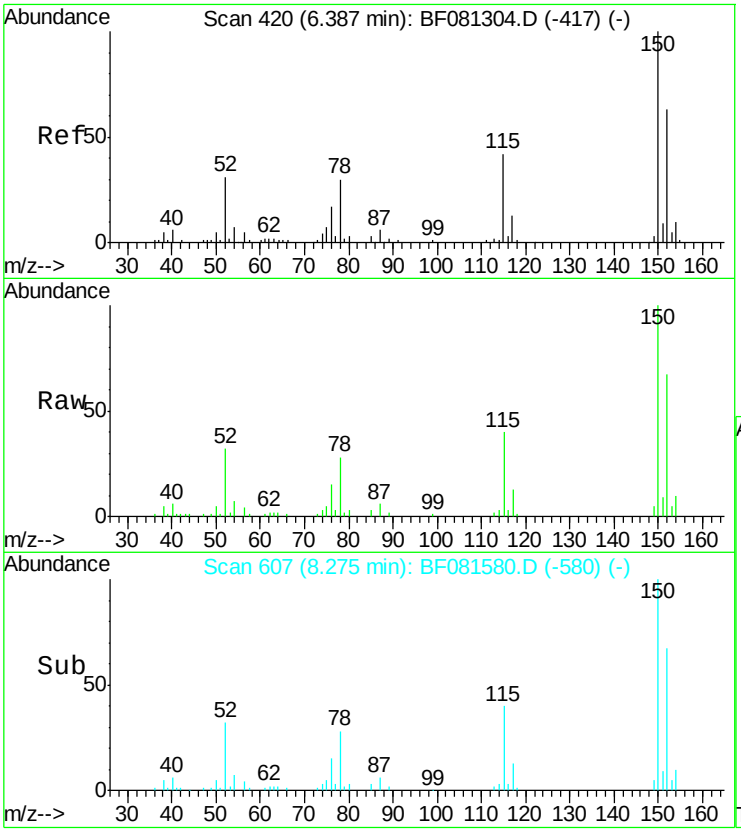
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091015\
Data File : BF081580.D
Acq On : 10 Sep 2015 22:47
Operator : UM/IZ
Sample : G3590-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TYB6(1.5-2)

Quant Time: Sep 11 00:45:58 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



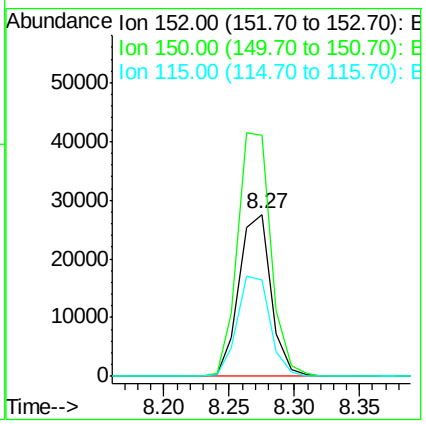


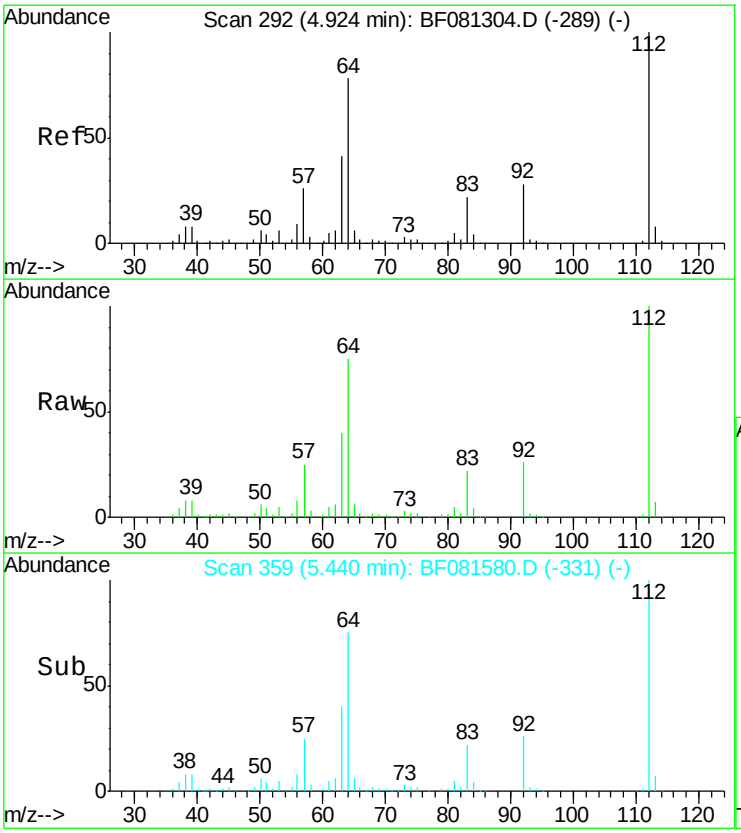
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.27 min Scan# 607
Delta R.T. 0.01 min
Lab File: BF081580.D
Acq: 10 Sep 2015 22:47

Instrument :
BNA_F
ClientSampleId :
TYB6(1.5-2)

Tgt Ion:152 Resp: 47167

Ion	Ratio	Lower	Upper
152	100		
150	148.3	124.7	187.1
115	59.5	39.0	58.4#

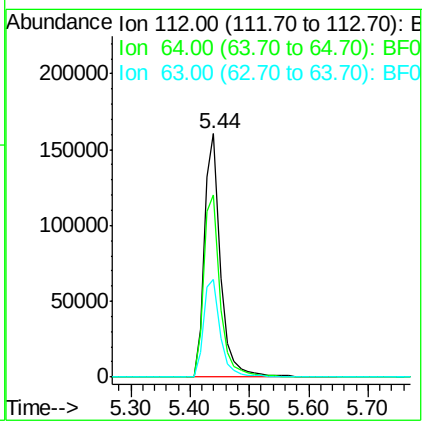


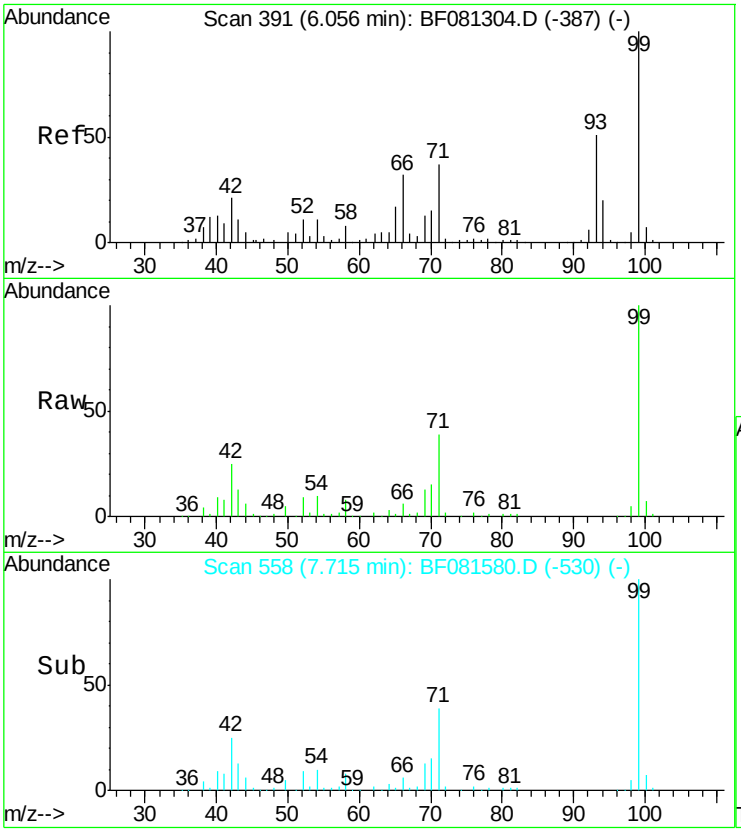


#5
2-Fluorophenol
Concen: 99.61 ng
RT: 5.44 min Scan# 359
Delta R.T. 0.02 min
Lab File: BF081580.D
Acq: 10 Sep 2015 22:47

Tgt Ion:112 Resp: 302833

Ion	Ratio	Lower	Upper
112	100		
64	75.1	39.7	59.5#
63	39.9	17.4	26.0#



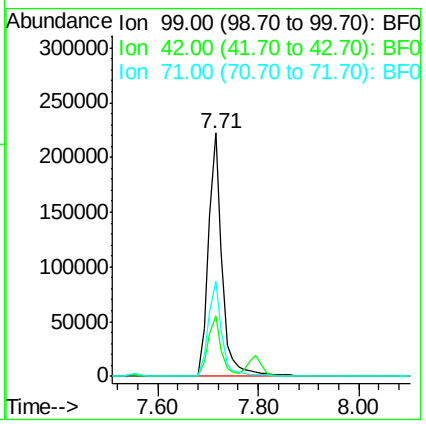


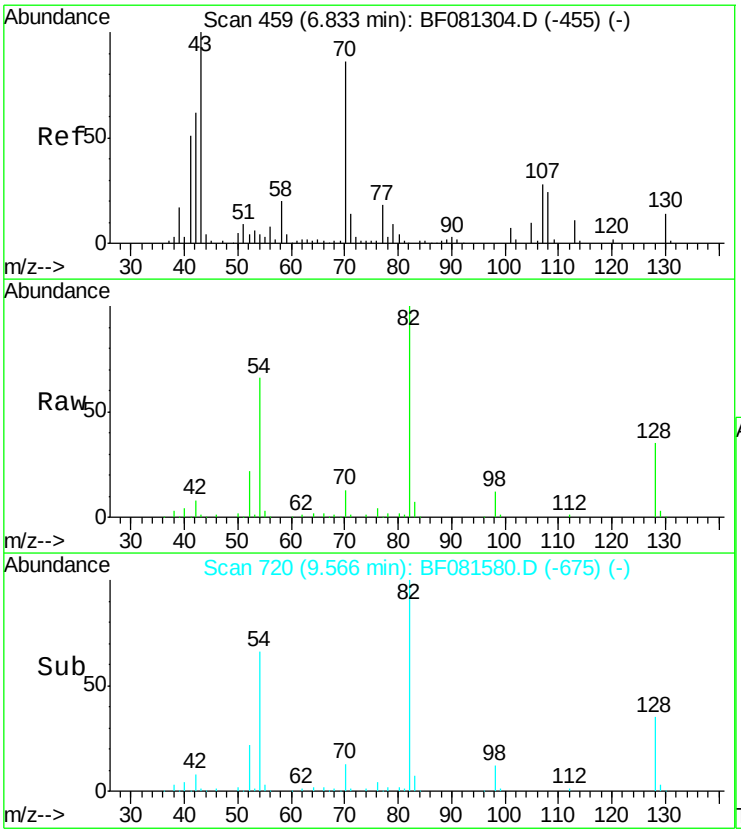
#7
Phenol-d6
Concen: 104.16 ng
RT: 7.71 min Scan# 558
Delta R.T. 0.02 min
Lab File: BF081580.D
Acq: 10 Sep 2015 22:47

Instrument :
BNA_F
ClientSampleId :
TYB6(1.5-2)

Tgt Ion: 99 Resp: 419156

Ion	Ratio	Lower	Upper
99	100		
42	24.8	13.7	20.5#
71	39.1	14.2	21.2#

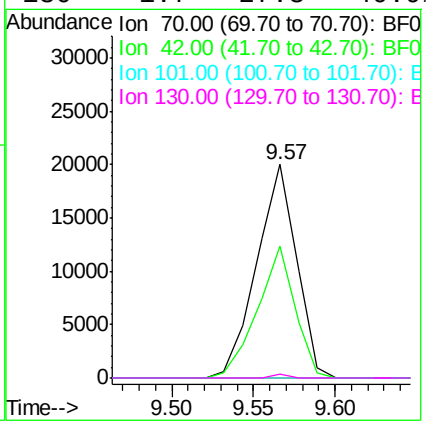


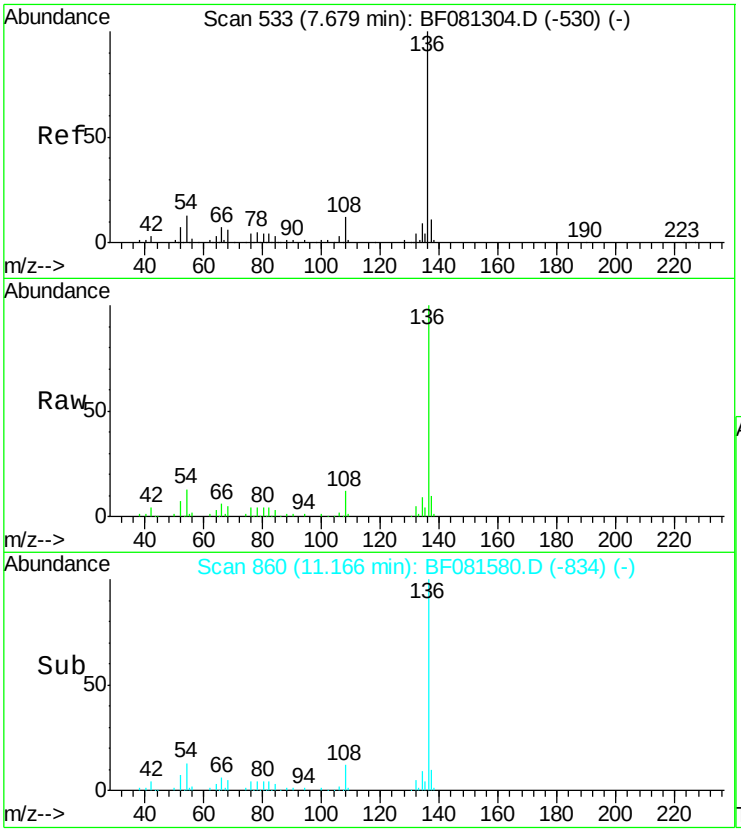


#19
n-Nitroso-di-n-propylamine
Concen: 12.42 ng
RT: 9.57 min Scan# 720
Delta R.T. 0.22 min
Lab File: BF081580.D
Acq: 10 Sep 2015 22:47

Tgt Ion: 70 Resp: 34008

Ion	Ratio	Lower	Upper
70	100		
42	61.8	63.8	95.6#
101	0.0	9.2	13.8#
130	1.7	27.3	40.9#



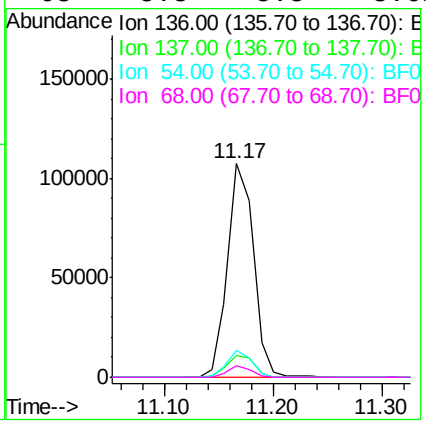


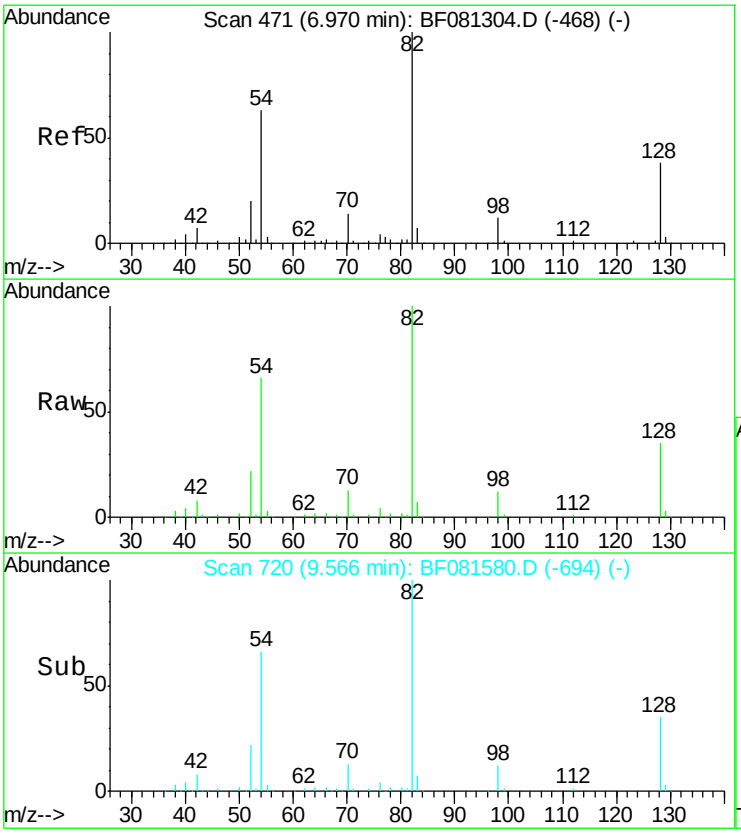
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.17 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF081580.D
Acq: 10 Sep 2015 22:47

Instrument :
BNA_F
ClientSampleId :
TYB6(1.5-2)

Tgt Ion:136 Resp: 176860

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.0	13.6
54	12.7	8.2	12.2#
68	5.3	5.8	8.6#

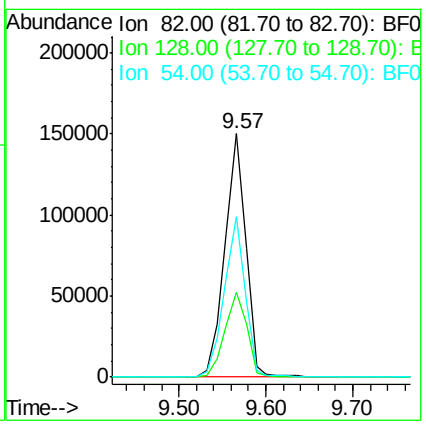


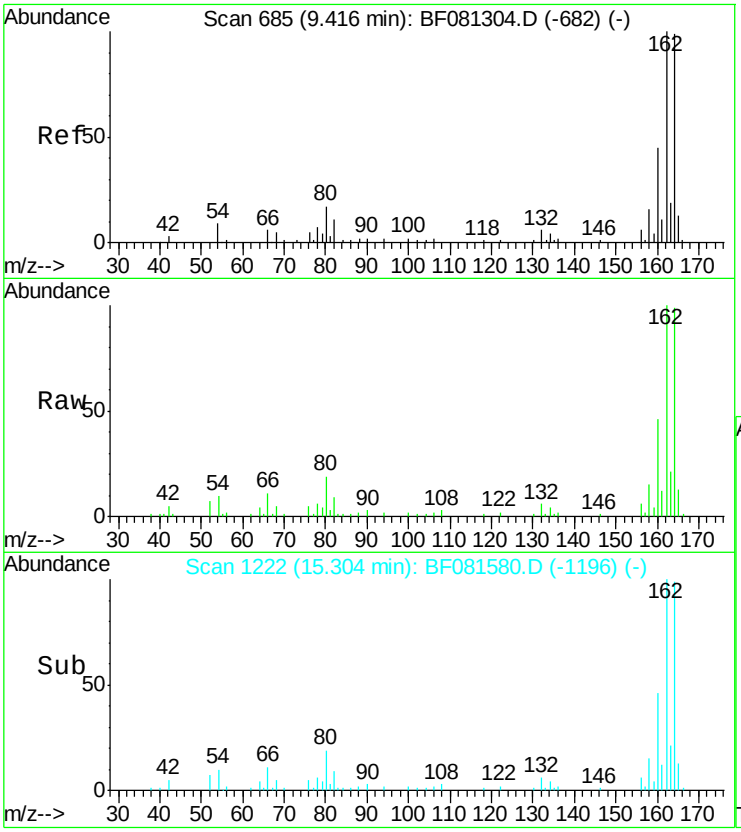


#23
Nitrobenzene-d5
Concen: 68.75 ng
RT: 9.57 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF081580.D
Acq: 10 Sep 2015 22:47

Tgt Ion: 82 Resp: 252007

Ion	Ratio	Lower	Upper
82	100		
128	34.7	51.0	76.6#
54	65.8	47.5	71.3



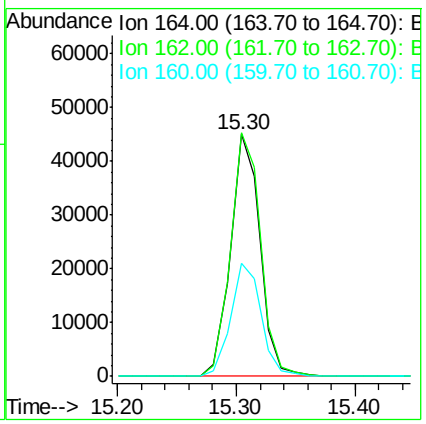


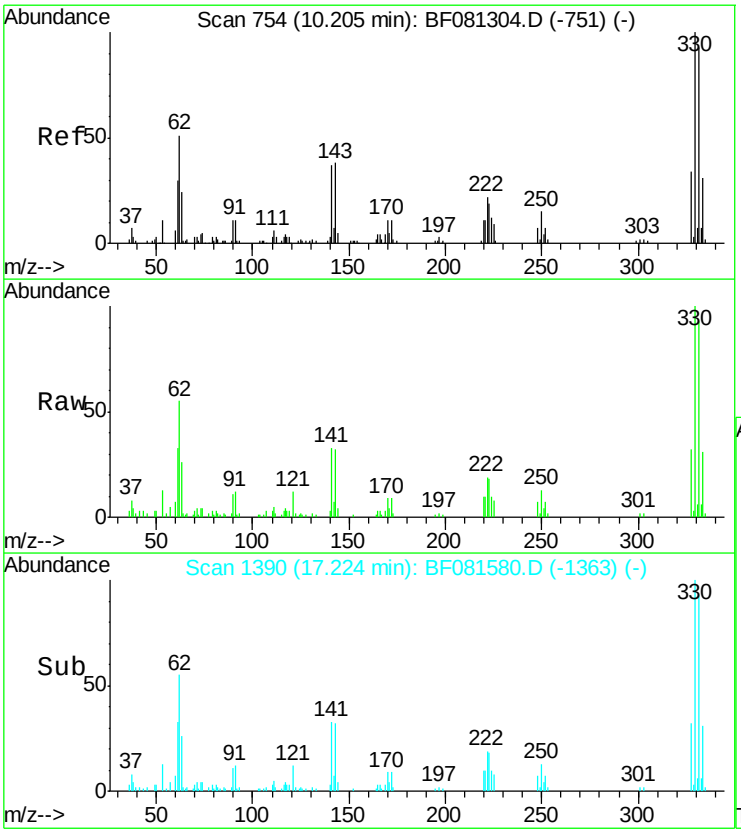
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.30 min Scan# 1222
Delta R.T. -0.00 min
Lab File: BF081580.D
Acq: 10 Sep 2015 22:47

Instrument :
BNA_F
ClientSampleId :
TYB6(1.5-2)

Tgt Ion:164 Resp: 77331

Ion	Ratio	Lower	Upper
164	100		
162	100.5	75.2	112.8
160	46.6	31.5	47.3

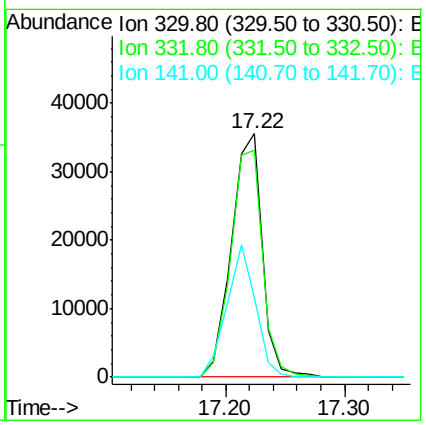


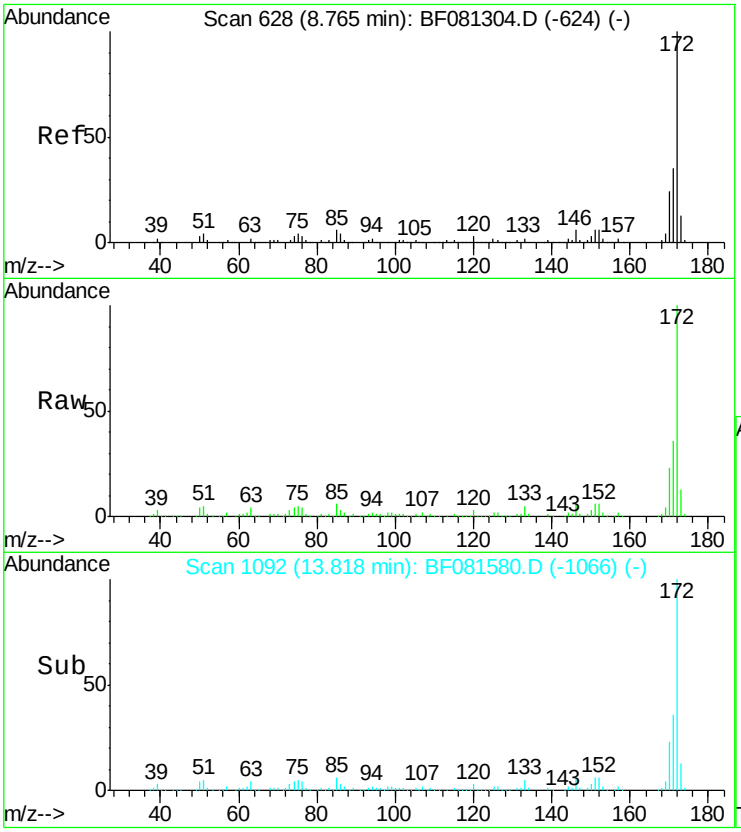


#41
2,4,6-Tribromophenol
Concen: 93.50 ng
RT: 17.22 min Scan# 1390
Delta R.T. 0.01 min
Lab File: BF081580.D
Acq: 10 Sep 2015 22:47

Tgt Ion:330 Resp: 64383

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.6	114.8
141	50.3	29.7	44.5#



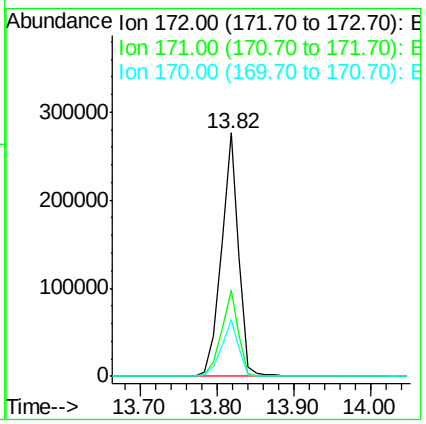


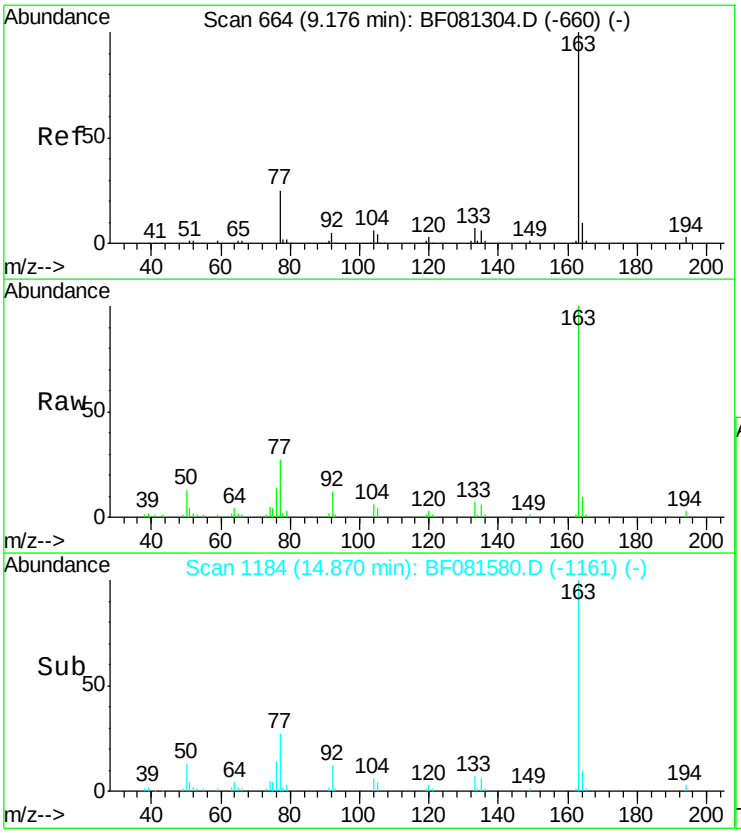
#44
2-Fluorobiphenyl
Concen: 72.49 ng
RT: 13.82 min Scan# 1092
Delta R.T. -0.00 min
Lab File: BF081580.D
Acq: 10 Sep 2015 22:47

Instrument :
BNA_F
ClientSampleId :
TYB6(1.5-2)

Tgt Ion:172 Resp: 437441

Ion	Ratio	Lower	Upper
172	100		
171	35.5	26.1	39.1
170	23.2	17.4	26.2

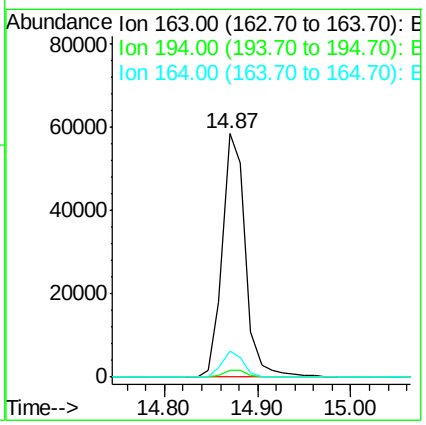


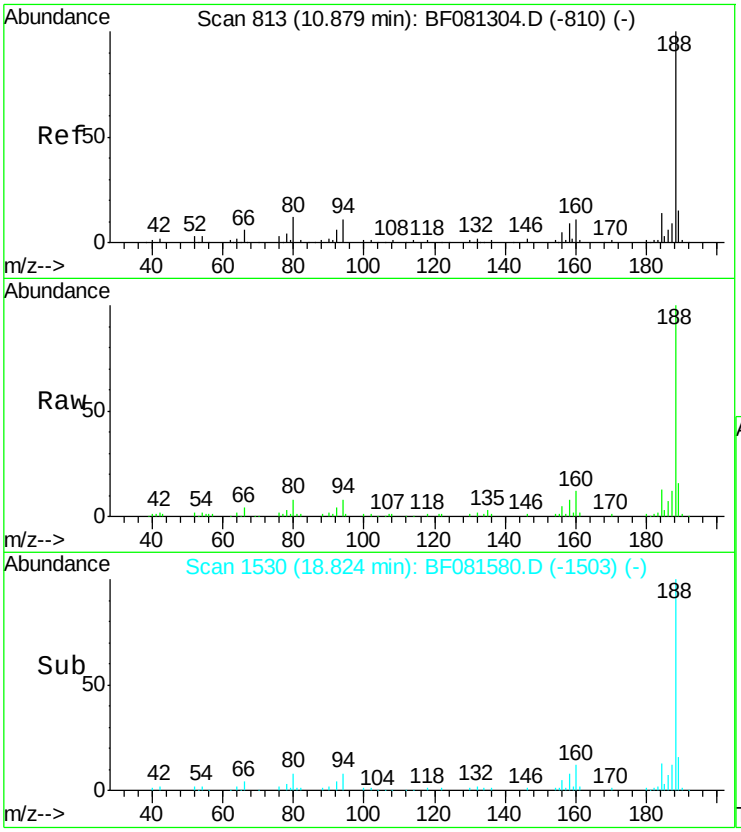


#49
Dimethylphthalate
Concen: 16.73 ng
RT: 14.87 min Scan# 1184
Delta R.T. -0.03 min
Lab File: BF081580.D
Acq: 10 Sep 2015 22:47

Tgt Ion:163 Resp: 100539

Ion	Ratio	Lower	Upper
163	100		
194	2.8	4.4	6.6#
164	10.5	8.3	12.5



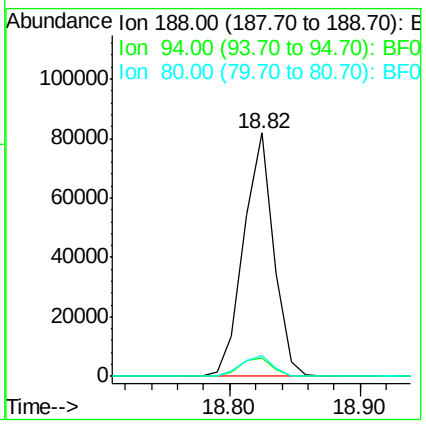


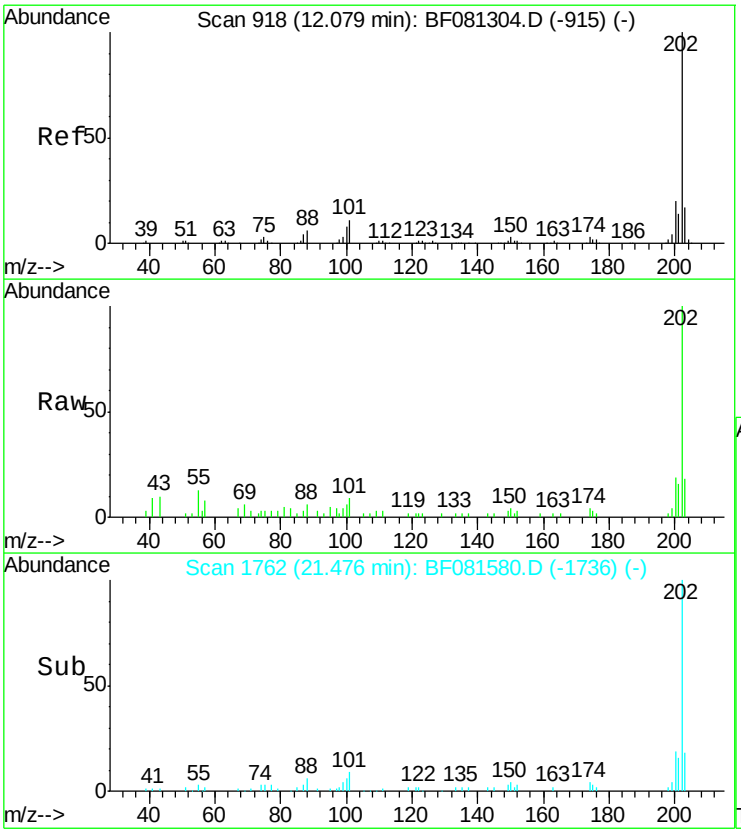
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.82 min Scan# 1530
Delta R.T. 0.01 min
Lab File: BF081580.D
Acq: 10 Sep 2015 22:47

Instrument :
BNA_F
ClientSampleId :
TYB6(1.5-2)

Tgt Ion:188 Resp: 130953

Ion	Ratio	Lower	Upper
188	100		
94	7.8	11.1	16.7#
80	8.4	11.0	16.4#

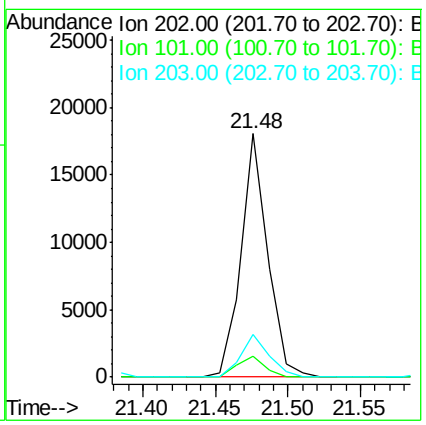


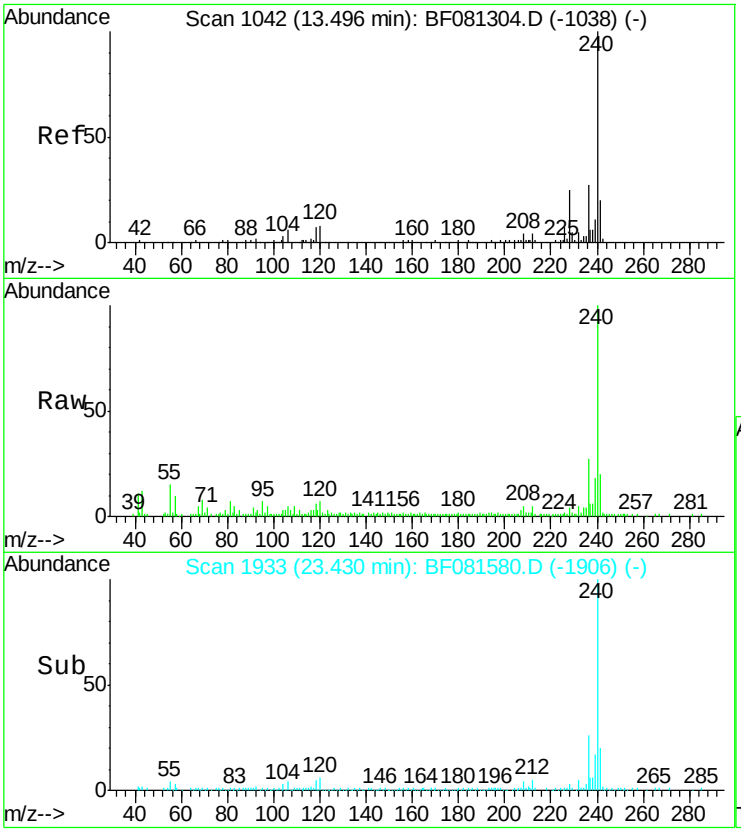


#74
Fluoranthene
Concen: 2.91 ng
RT: 21.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: BF081580.D
Acq: 10 Sep 2015 22:47

Tgt Ion:202 Resp: 22924

Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	38.3
203	17.7	0.0	37.3



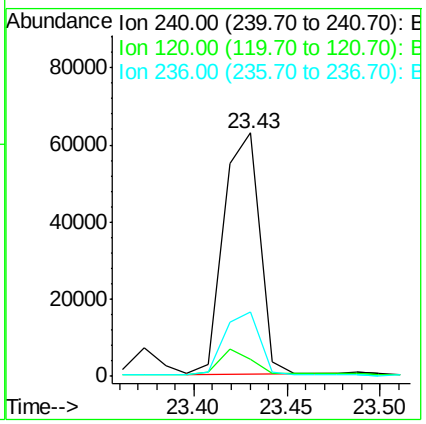


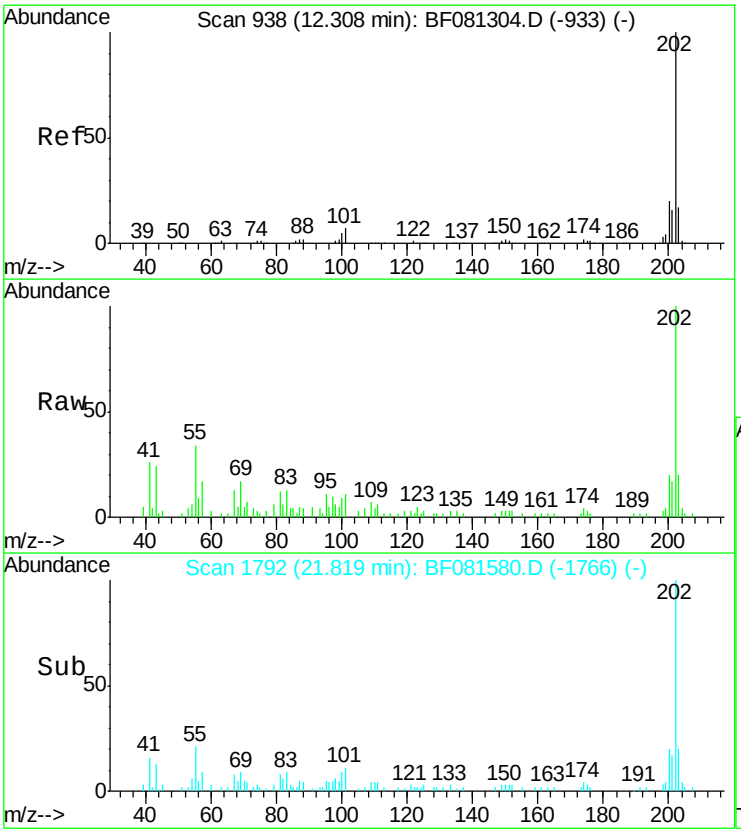
#75
Chrysene-d12
Concen: 20.00 ng
RT: 23.43 min Scan# 1933
Delta R.T. 0.01 min
Lab File: BF081580.D
Acq: 10 Sep 2015 22:47

Instrument :
BNA_F
ClientSampleId :
TYB6(1.5-2)

Tgt Ion:240 Resp: 84386

Ion	Ratio	Lower	Upper
240	100		
120	6.8	16.2	24.2#
236	26.7	18.4	27.6

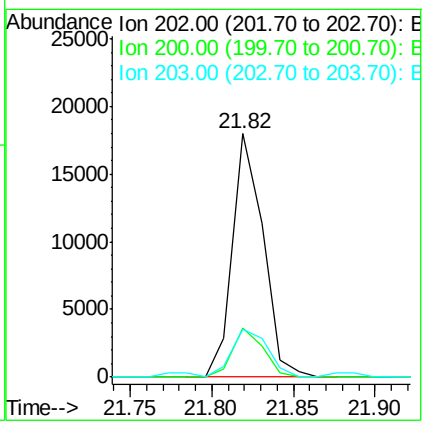


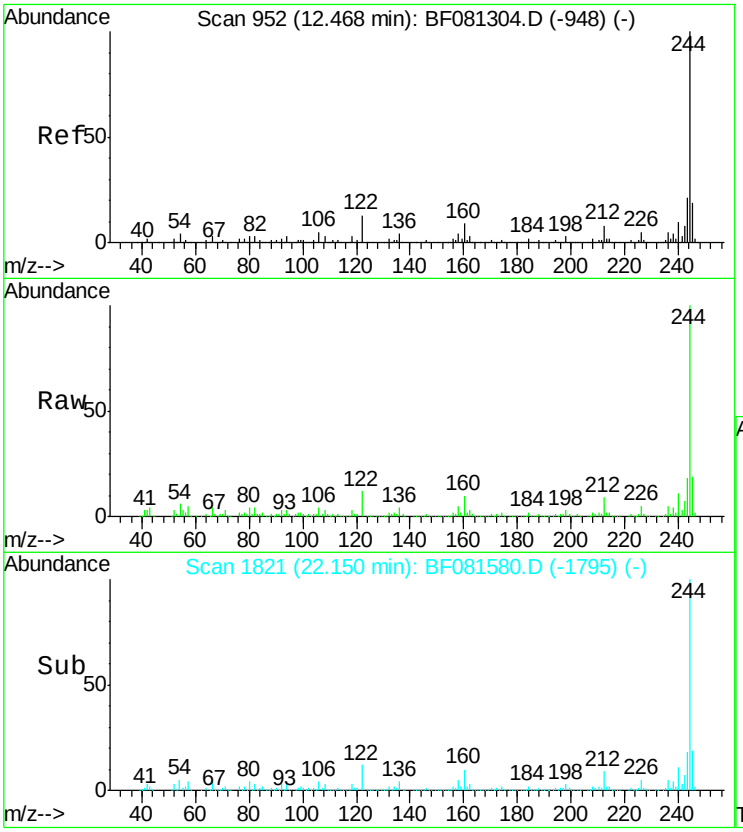


#77
Pyrene
Concen: 3.72 ng
RT: 21.82 min Scan# 1792
Delta R.T. -0.00 min
Lab File: BF081580.D
Acq: 10 Sep 2015 22:47

Tgt Ion:202 Resp: 23243

Ion	Ratio	Lower	Upper
202	100		
200	20.4	15.0	22.4
203	19.9	14.1	21.1



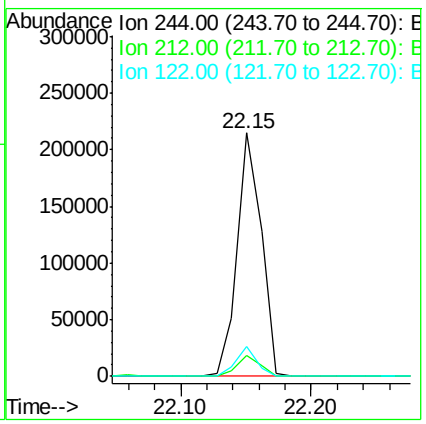


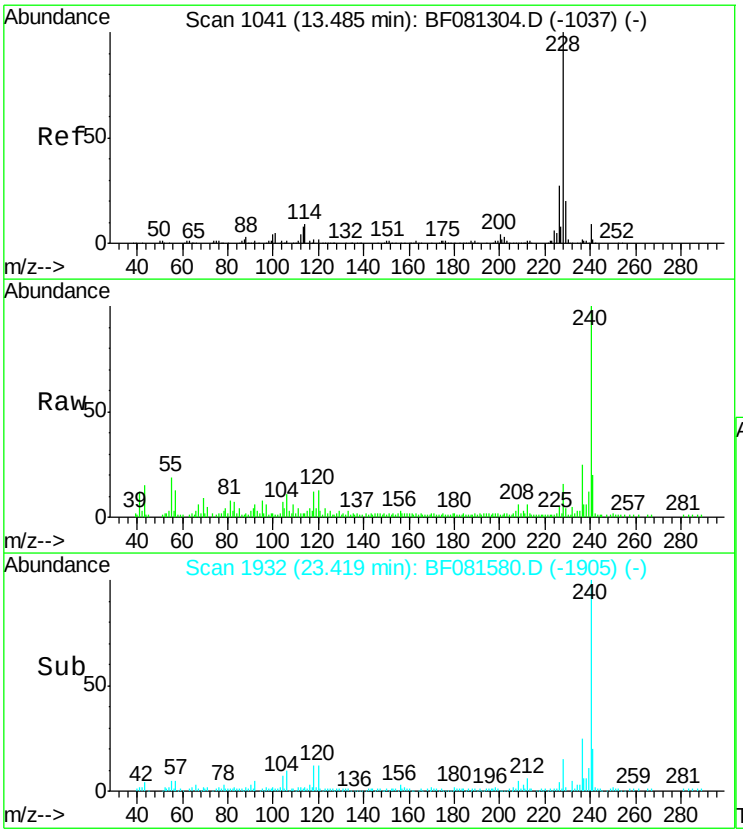
#78
Terphenyl-d14
Concen: 75.70 ng
RT: 22.15 min Scan# 1821
Delta R.T. -0.00 min
Lab File: BF081580.D
Acq: 10 Sep 2015 22:47

Instrument :
BNA_F
ClientSampleId :
TYB6(1.5-2)

Tgt Ion:244 Resp: 274430

Ion	Ratio	Lower	Upper
244	100		
212	8.7	4.3	6.5#
122	12.0	17.4	26.2#

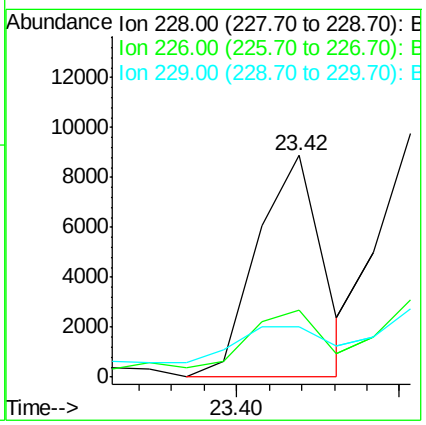


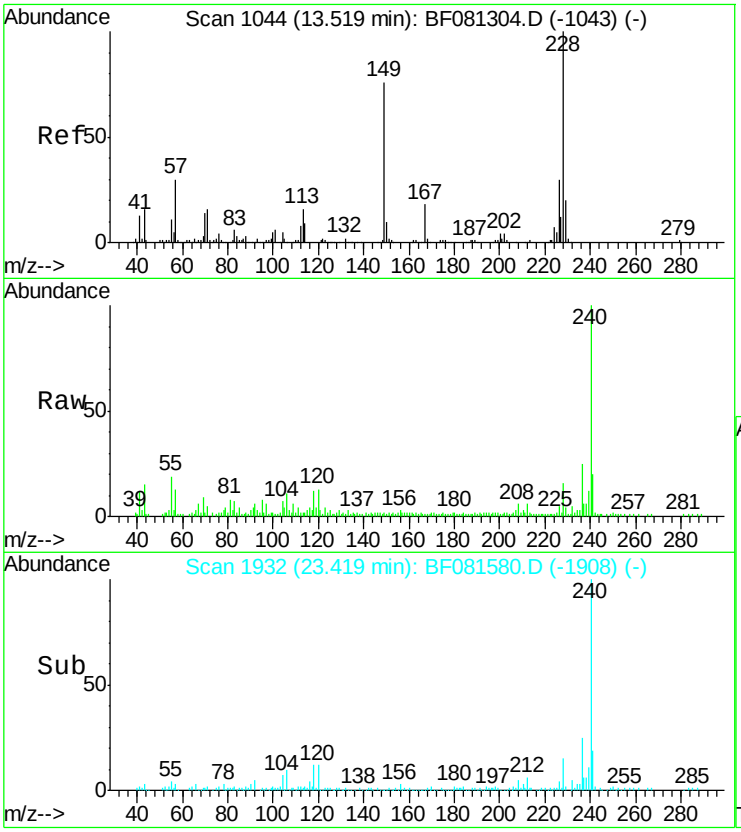


#80
Benzo(a)anthracene
Concen: 2.29 ng
RT: 23.42 min Scan# 1932
Delta R.T. 0.01 min
Lab File: BF081580.D
Acq: 10 Sep 2015 22:47

Tgt Ion:228 Resp: 12321

Ion	Ratio	Lower	Upper
228	100		
226	30.4	20.0	30.0#
229	22.7	15.4	23.2



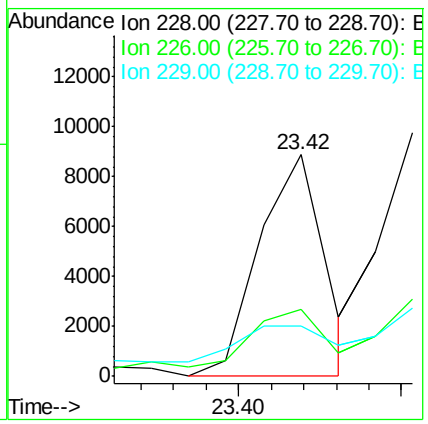


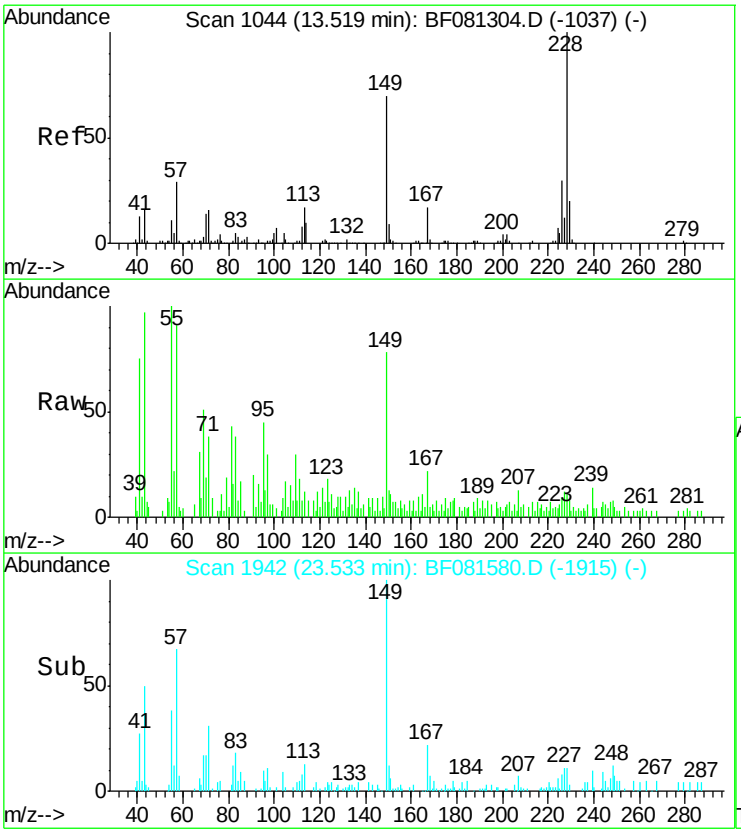
#82
Chrysene
Concen: 2.56 ng
RT: 23.42 min Scan# 1932
Delta R.T. -0.02 min
Lab File: BF081580.D
Acq: 10 Sep 2015 22:47

Instrument :
BNA_F
ClientSampleId :
TYB6(1.5-2)

Tgt Ion:228 Resp: 12321

Ion	Ratio	Lower	Upper
228	100		
226	30.4	21.0	31.4
229	22.7	15.6	23.4

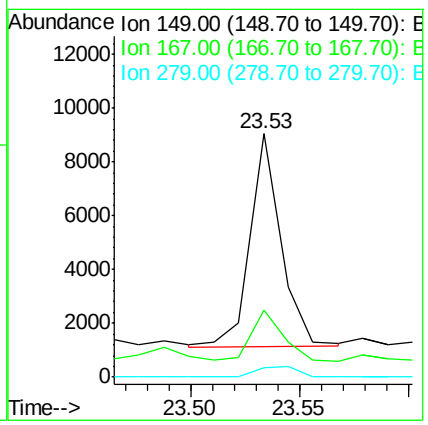


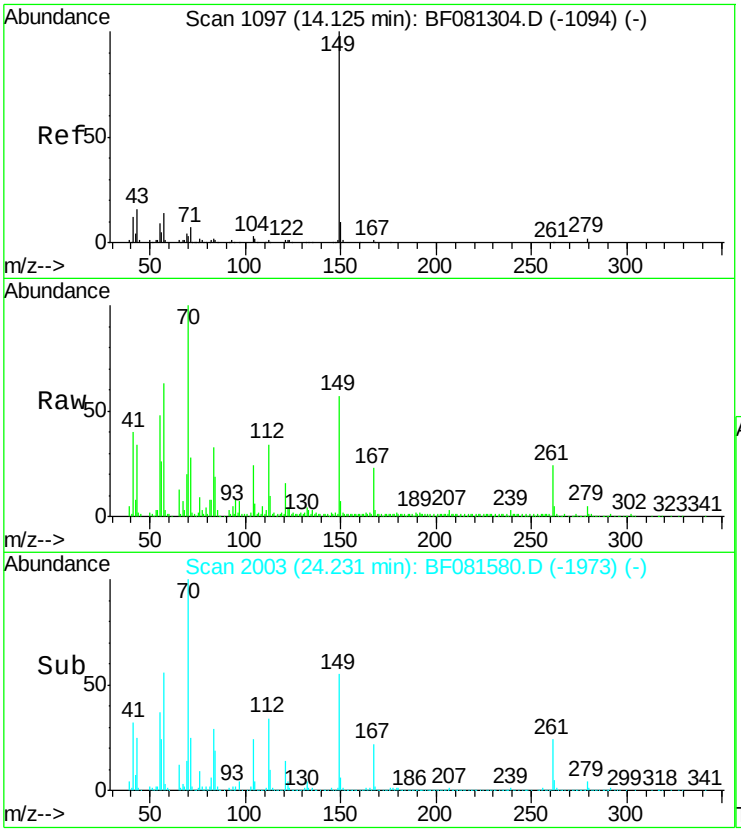


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.19 ng
RT: 23.53 min Scan# 1942
Delta R.T. 0.01 min
Lab File: BF081580.D
Acq: 10 Sep 2015 22:47

Tgt Ion:149 Resp: 7851

Ion	Ratio	Lower	Upper
149	100		
167	27.7	24.2	36.2
279	3.7	3.8	5.6#



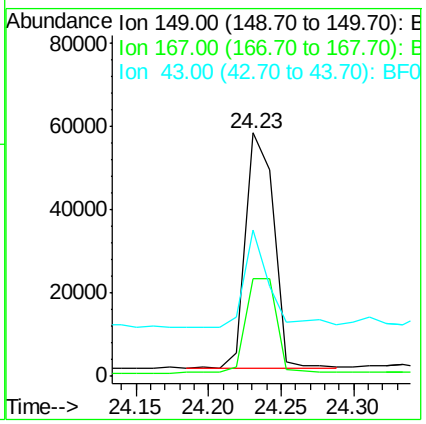


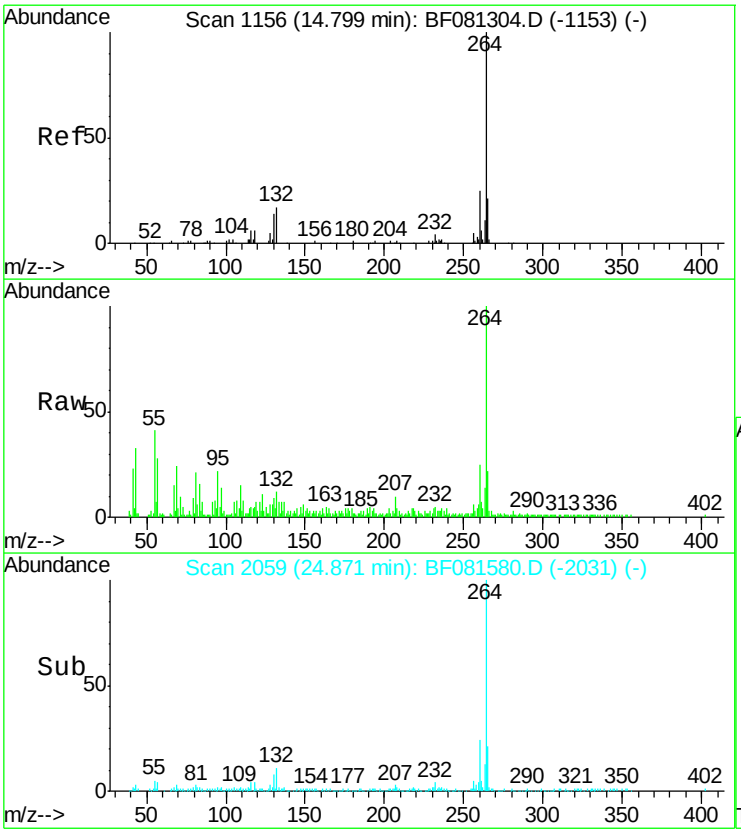
#84
Di-n-octyl phthalate
Concen: 13.01 ng
RT: 24.23 min Scan# 2003
Delta R.T. 0.05 min
Lab File: BF081580.D
Acq: 10 Sep 2015 22:47

Instrument :
BNA_F
ClientSampleId :
TYB6(1.5-2)

Tgt Ion:149 Resp: 76870

Ion	Ratio	Lower	Upper
149	100		
167	43.3	1.0	1.6#
43	37.0	10.2	15.2#

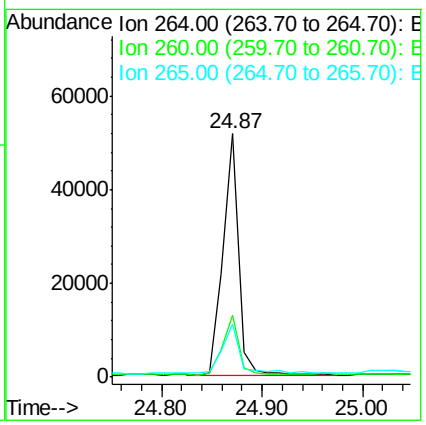


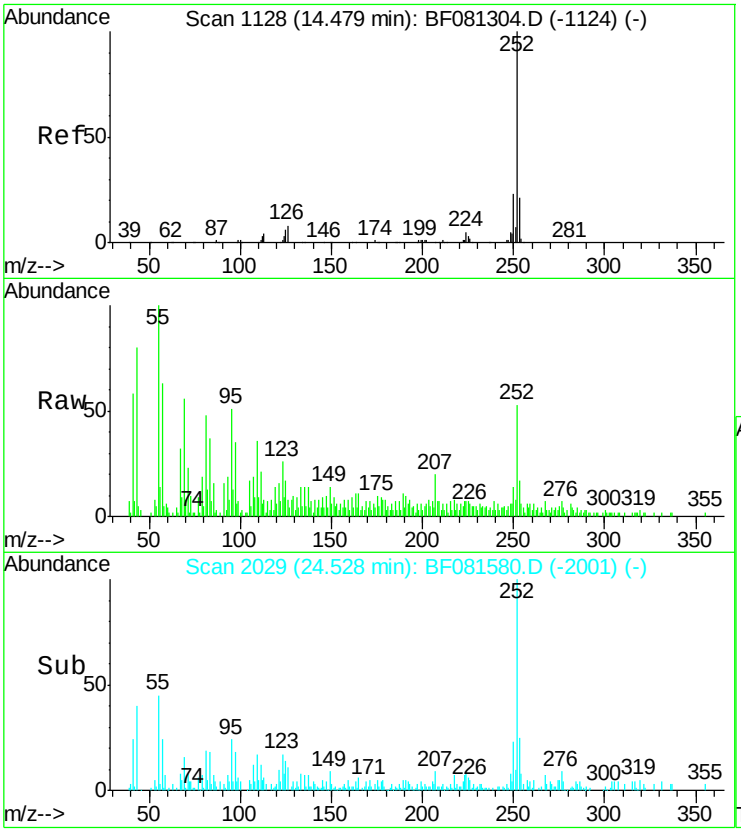


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.87 min Scan# 2059
Delta R.T. 0.02 min
Lab File: BF081580.D
Acq: 10 Sep 2015 22:47

Tgt Ion:264 Resp: 55320

Ion	Ratio	Lower	Upper
264	100		
260	25.2	16.7	25.1#
265	21.5	17.2	25.8



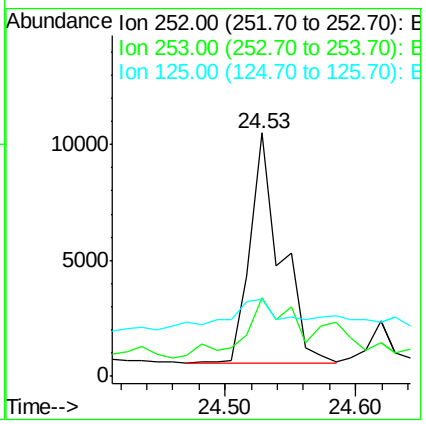


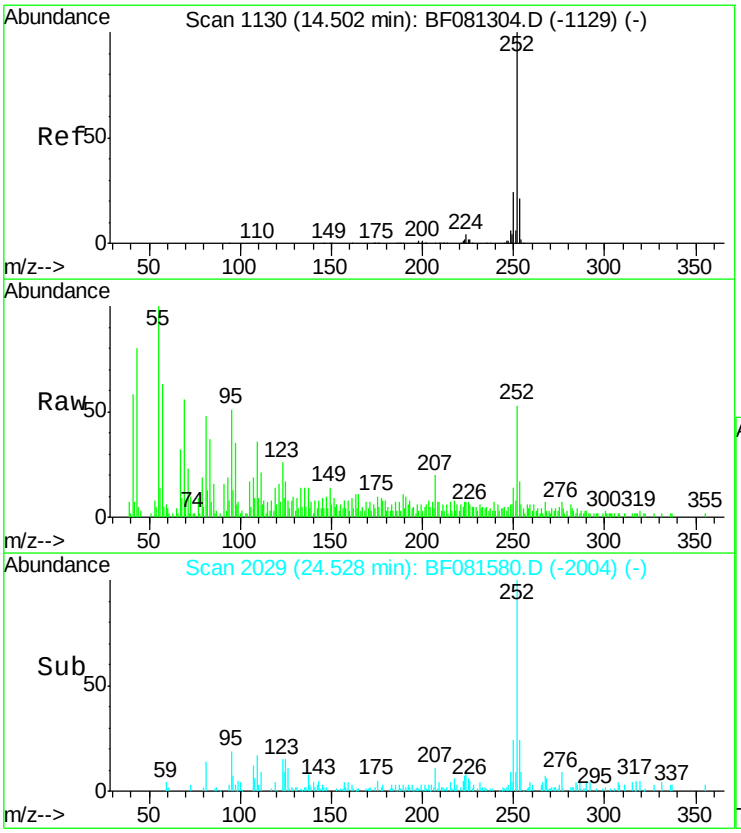
#87
Benzo(b)fluoranthene
Concen: 4.16 ng
RT: 24.53 min Scan# 2029
Delta R.T. 0.02 min
Lab File: BF081580.D
Acq: 10 Sep 2015 22:47

Instrument :
BNA_F
ClientSampleId :
TYB6(1.5-2)

Tgt Ion:252 Resp: 16446

Ion	Ratio	Lower	Upper
252	100		
253	32.2	17.5	26.3#
125	31.6	17.1	25.7#

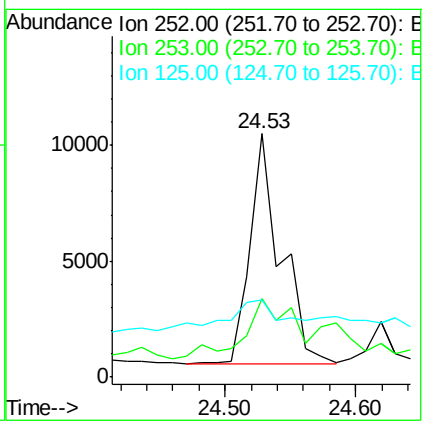


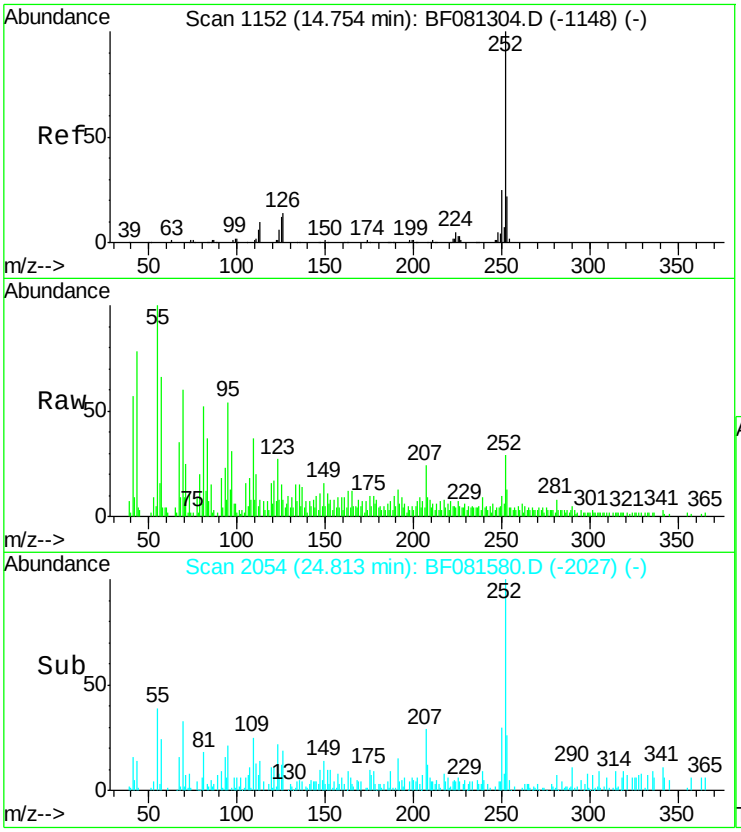


#88
Benzo(k)fluoranthene
Concen: 5.02 ng
RT: 24.53 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF081580.D
Acq: 10 Sep 2015 22:47

Tgt Ion:252 Resp: 16446

Ion	Ratio	Lower	Upper
252	100		
253	32.2	17.0	25.4#
125	31.6	16.0	24.0#



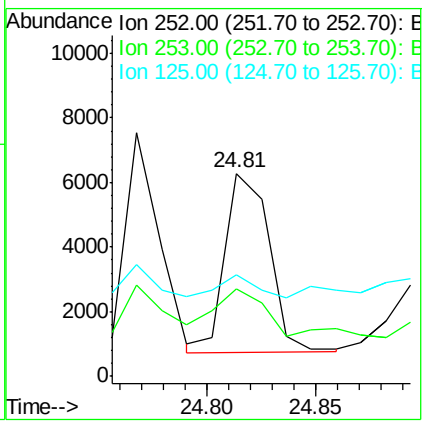


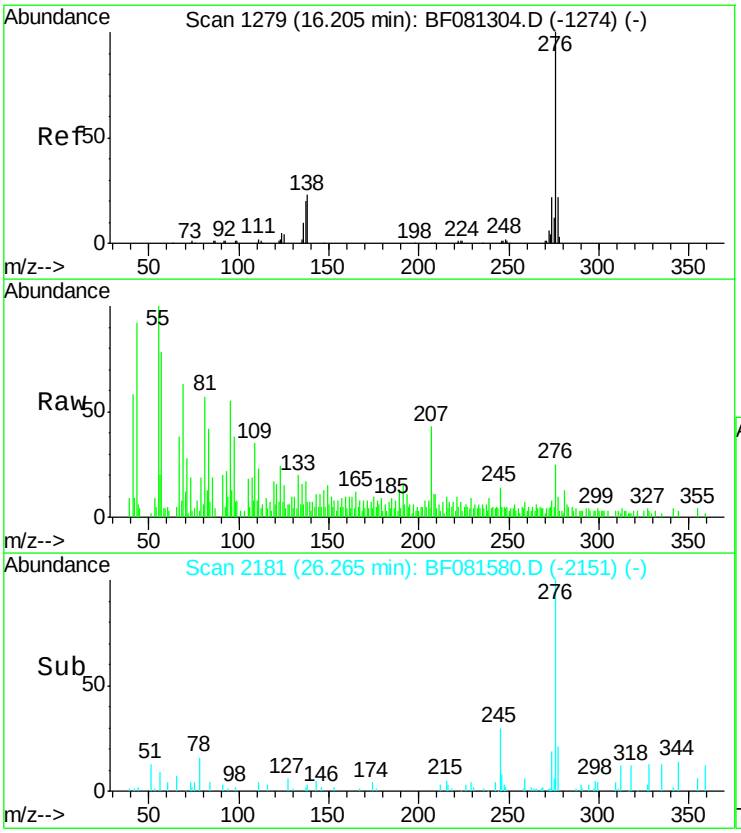
#89
Benzo(a)pyrene
Concen: 2.34 ng
RT: 24.81 min Scan# 2054
Delta R.T. 0.01 min
Lab File: BF081580.D
Acq: 10 Sep 2015 22:47

Instrument :
BNA_F
ClientSampleId :
TYB6(1.5-2)

Tgt Ion:252 Resp: 7837

Ion	Ratio	Lower	Upper
252	100		
253	43.3	17.2	25.8#
125	50.0	18.0	27.0#





#91
Benzo(g,h,i)perylene
Concen: 2.46 ng
RT: 26.27 min Scan# 2181
Delta R.T. 0.05 min
Lab File: BF081580.D
Acq: 10 Sep 2015 22:47

Tgt Ion:276 Resp: 6065

Ion	Ratio	Lower	Upper
276	100		
277	41.6	17.8	26.6#
138	28.7	34.6	51.8#