Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051915\
Data File : BF079366.D
Acq On : 20 May 2015 4:58
Operator : TP/IZ
Sample : G2281-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03

Quant Time: May 20 06:49:22 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 20 05:08:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	47193	20.00	ng		0.00
21) Naphthalene-d8	8.71	136	188935	20.00	ng		0.00
38) Acenaphthene-d10	10.88	164	90745	20.00	ng		0.00
63) Phenanthrene-d10	12.72	188	175225	20.00	ng		0.00
75) Chrysene-d12	16.00	240	191024	20.00	ng		-0.02
86) Perylene-d12	17.71	264	218557	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	254061	92.67	ng		0.00
7) Phenol-d6	6.71	99	354447	97.81	ng		0.00
23) Nitrobenzene-d5	7.83	82	199442	60.67	ng		0.00
41) 2,4,6-Tribromophenol	11.86	330	100897	102.78	ng		0.00
44) 2-Fluorobiphenyl	10.06	172	414320	63.61	ng		0.00
78) Terphenyl-d14	14.71	244	471144	59.05	ng		-0.01
Target Compounds							Qvalue
31) Naphthalene	8.73	128	24213	2.69	ng		99
48) Acenaphthylene	10.70	152	33552	3.63	ng		98
49) Dimethylphthalate	10.56	163	28264	4.24	ng		99
70) Phenanthrene	12.74	178	102789	10.49	ng		99
71) Anthracene	12.81	178	39673	4.13	ng		99
74) Fluoranthene	14.22	202	209792	20.54	ng		99
77) Pyrene	14.50	202	211841	19.24	ng		99
80) Benzo(a)anthracene	16.03	228	112137	10.72	ng		97
82) Chrysene	16.03	228	111496	11.08	ng		98
85) Indeno(1,2,3-cd)pyrene	19.09	276	93836	7.32	ng		95
87) Benzo(b)fluoranthene	17.28	252	230959	19.31	ng		100
88) Benzo(k)fluoranthene	17.28	252	230959	19.94	ng	#	96
89) Benzo(a)pyrene	17.65	252	129760	11.78	ng	#	97
91) Benzo(g,h,i)perylene	19.50	276	91676	7.81	ng		97

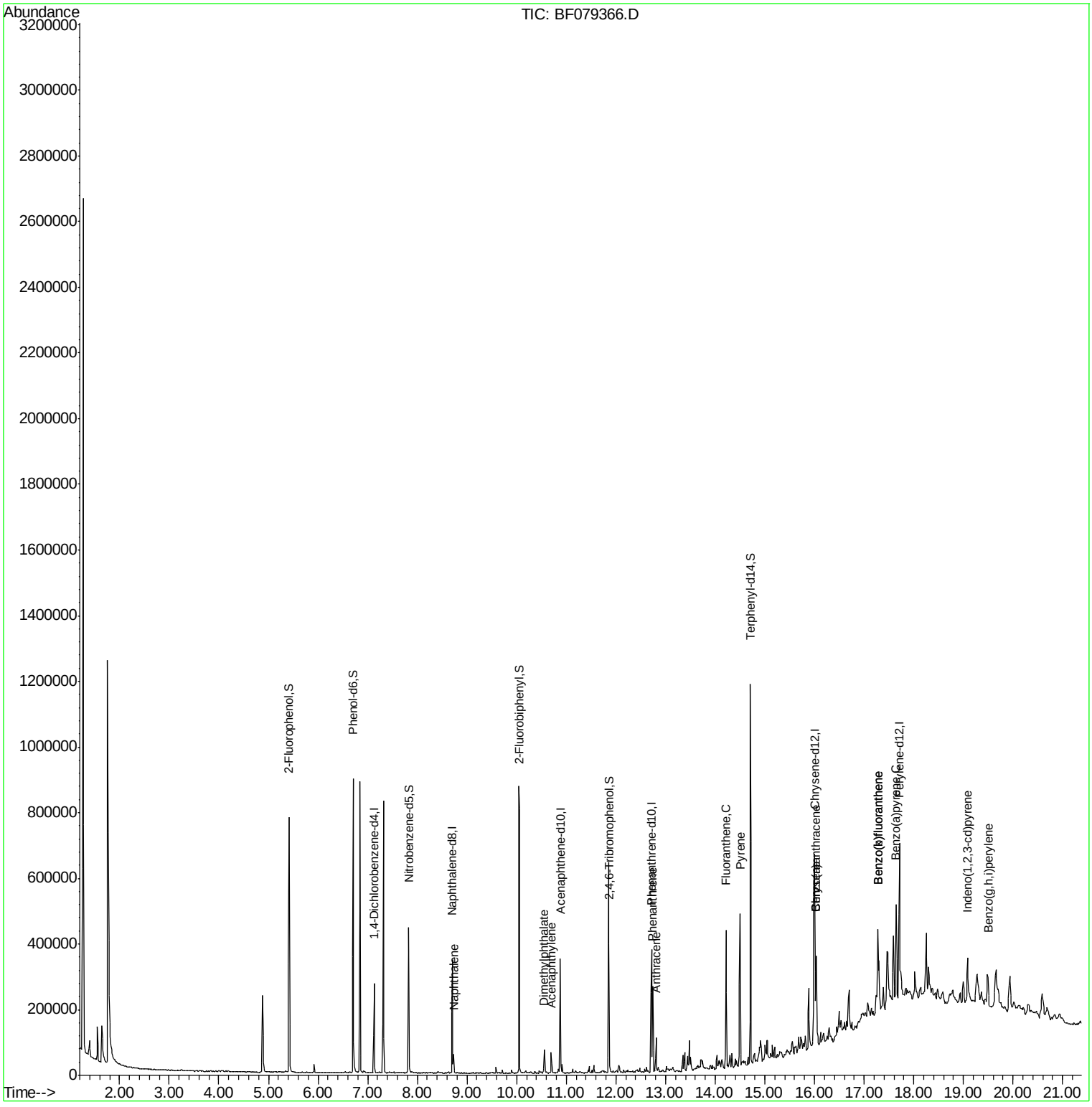
(#) = qualifier out of range (m) = manual integration (+) = signals summed

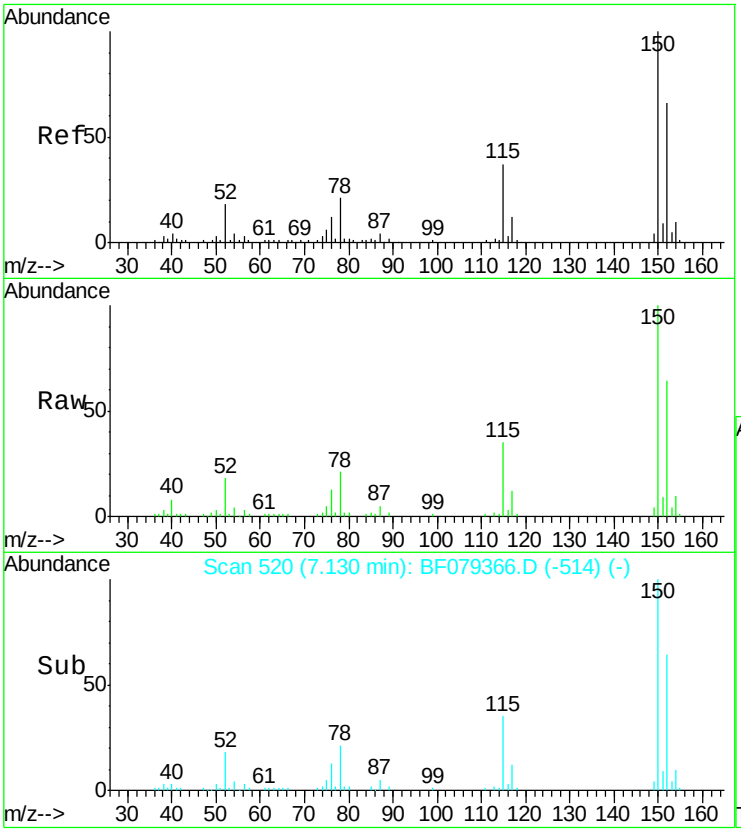
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051915\
Data File : BF079366.D
Acq On : 20 May 2015 4:58
Operator : TP/IZ
Sample : G2281-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-03

Quant Time: May 20 06:49:22 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 20 05:08:22 2015
Response via : Initial Calibration



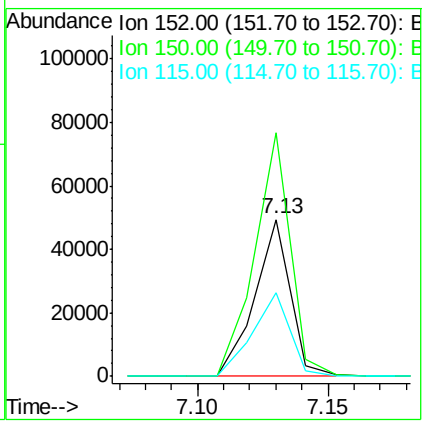


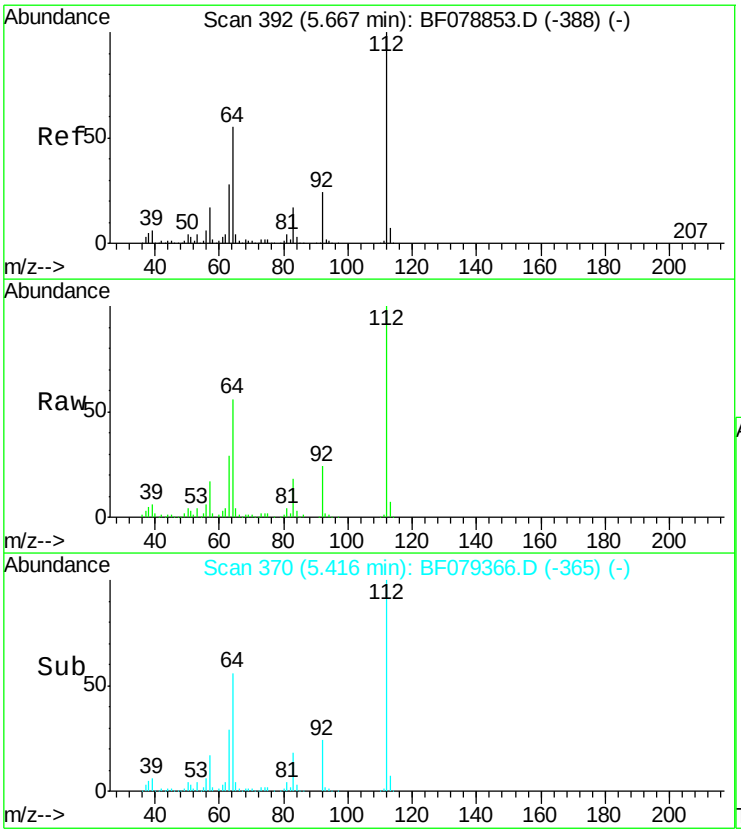
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.13 min Scan# 520
Delta R.T. -0.00 min
Lab File: BF079366.D
Acq: 20 May 2015 4:58

Instrument :
BNA_F
ClientSampleId :
SB-03

Tgt Ion:152 Resp: 47193

Ion	Ratio	Lower	Upper
152	100		
150	155.3	123.8	185.8
115	53.7	49.4	74.0

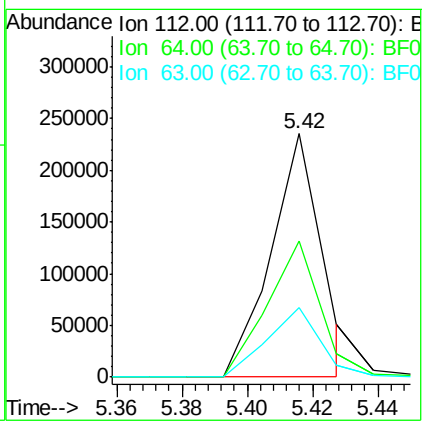


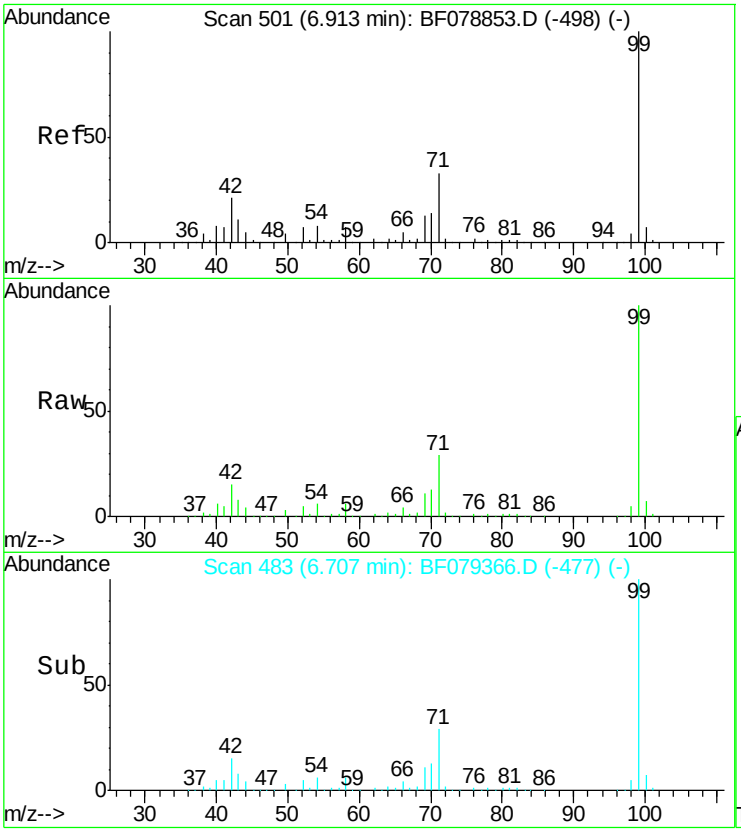


#5
2-Fluorophenol
Concen: 92.67 ng
RT: 5.42 min Scan# 370
Delta R.T. -0.00 min
Lab File: BF079366.D
Acq: 20 May 2015 4:58

Tgt Ion:112 Resp: 254061

Ion	Ratio	Lower	Upper
112	100		
64	55.9	44.2	66.2
63	28.6	22.7	34.1



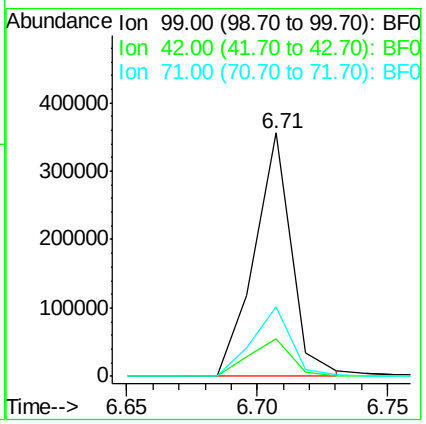


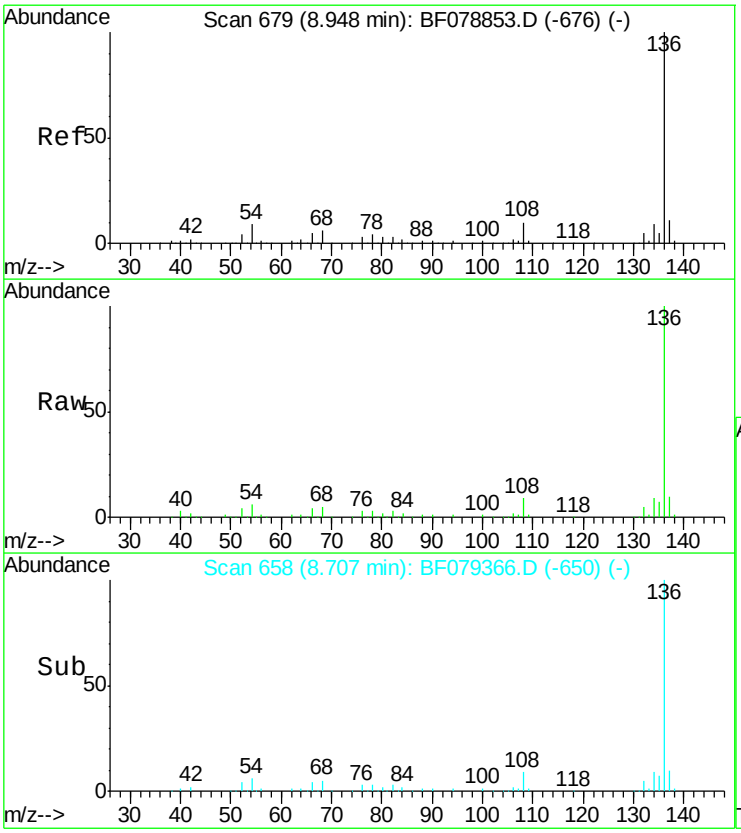
#7
Phenol-d6
Concen: 97.81 ng
RT: 6.71 min Scan# 483
Delta R.T. -0.00 min
Lab File: BF079366.D
Acq: 20 May 2015 4:58

Instrument :
BNA_F
ClientSampleId :
SB-03

Tgt Ion: 99 Resp: 354447

Ion	Ratio	Lower	Upper
99	100		
42	15.3	17.1	25.7#
71	28.8	26.3	39.5

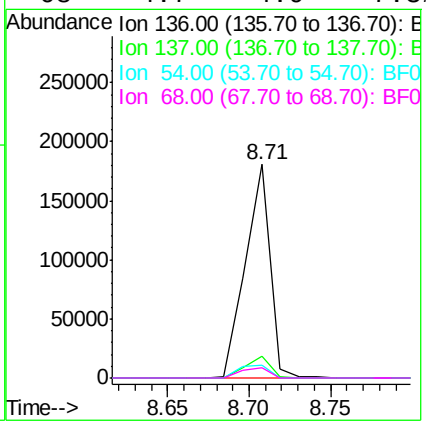


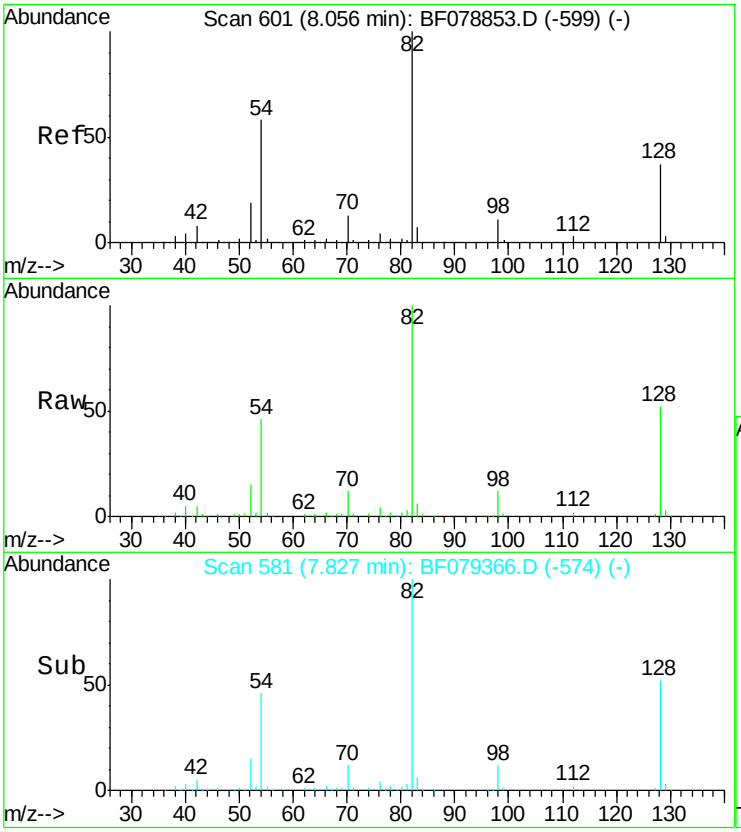


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.71 min Scan# 658
Delta R.T. -0.00 min
Lab File: BF079366.D
Acq: 20 May 2015 4:58

Tgt Ion:136 Resp: 188935

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	6.2	6.9	10.3#
68	4.7	4.9	7.3#



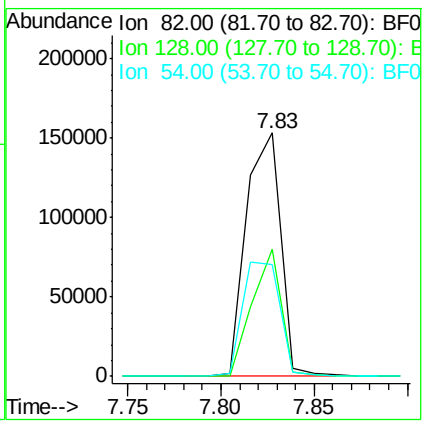


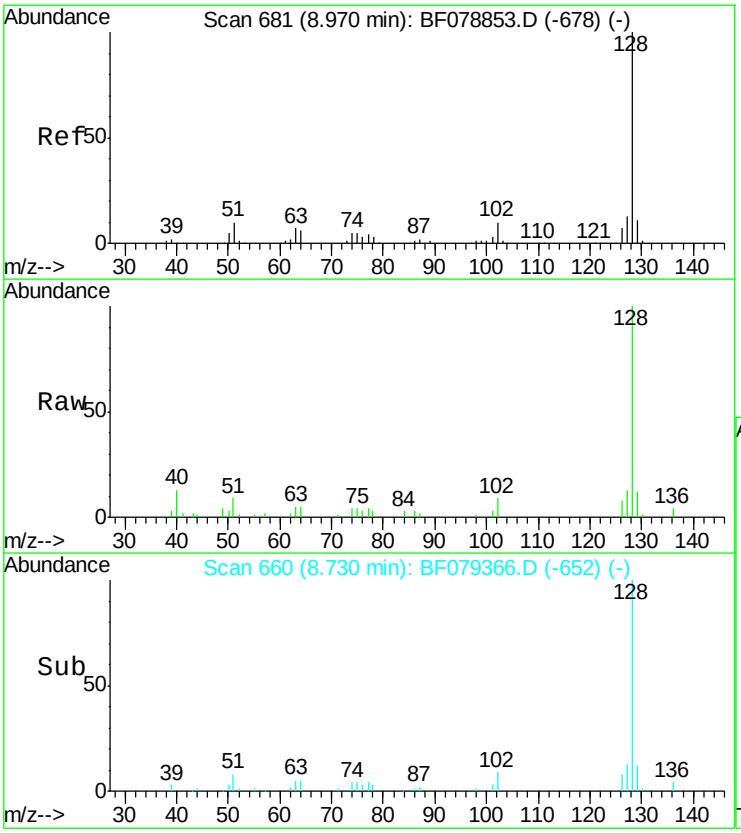
#23
Nitrobenzene-d5
Concen: 60.67 ng
RT: 7.83 min Scan# 581
Delta R.T. -0.00 min
Lab File: BF079366.D
Acq: 20 May 2015 4:58

Instrument :
BNA_F
ClientSampleId :
SB-03

Tgt Ion: 82 Resp: 199442

Ion	Ratio	Lower	Upper
82	100		
128	52.0	29.7	44.5#
54	45.9	46.2	69.4#

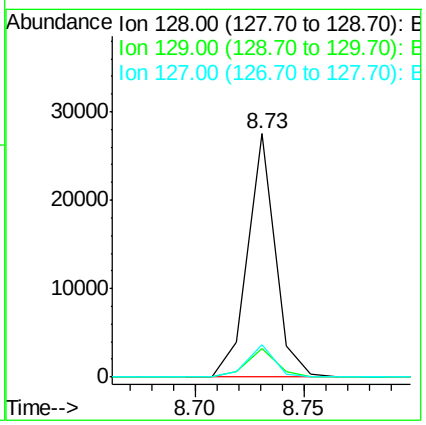


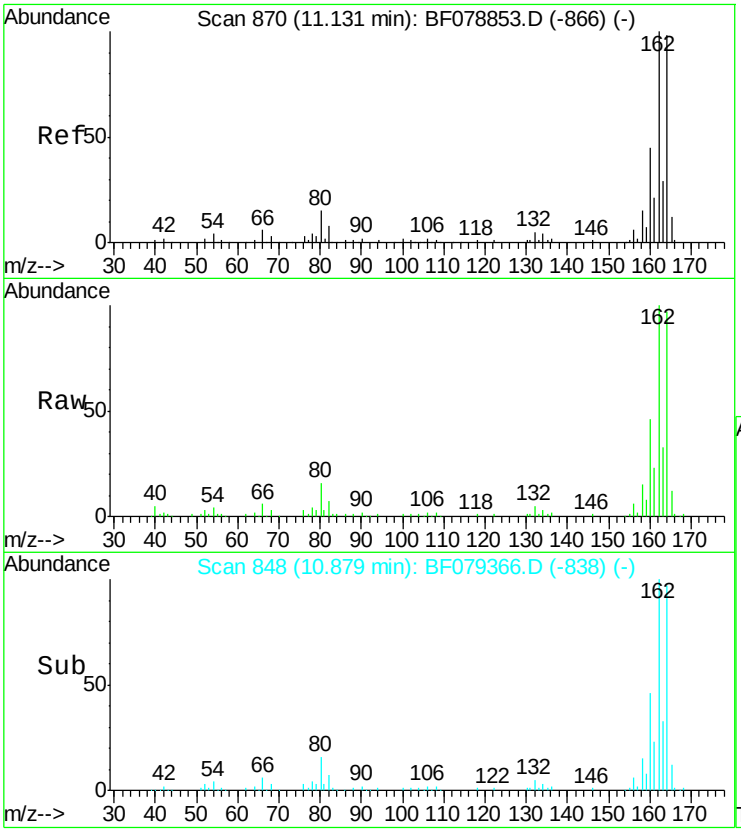


#31
Naphthalene
Concen: 2.69 ng
RT: 8.73 min Scan# 660
Delta R.T. -0.00 min
Lab File: BF079366.D
Acq: 20 May 2015 4:58

Tgt Ion:128 Resp: 24213

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.2	13.8
127	13.5	10.3	15.5



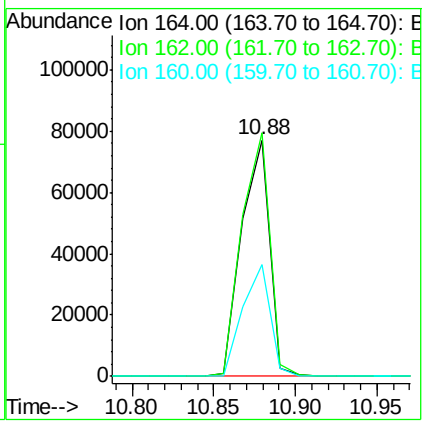


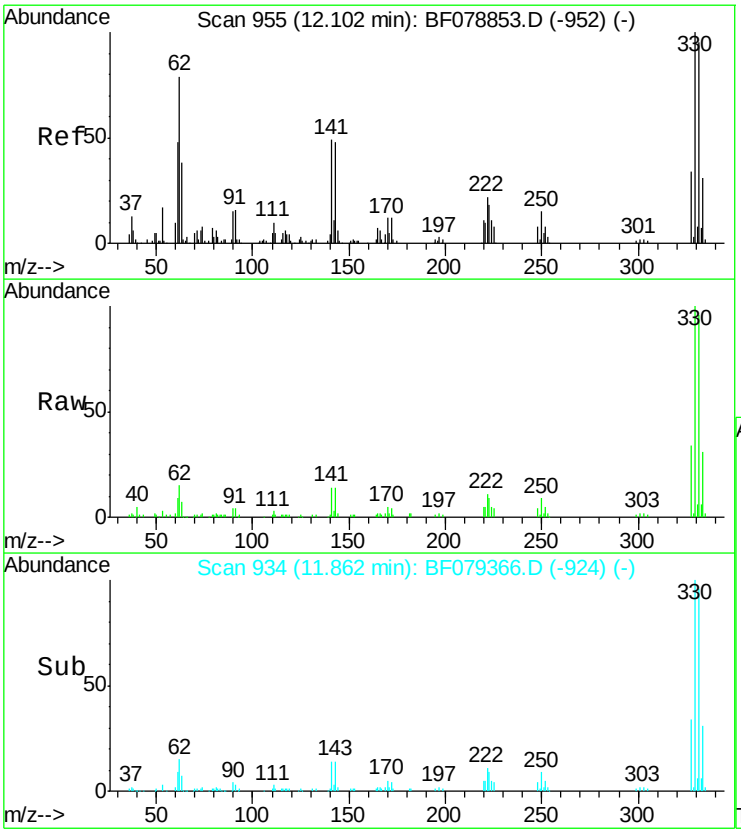
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.88 min Scan# 848
Delta R.T. -0.00 min
Lab File: BF079366.D
Acq: 20 May 2015 4:58

Instrument :
BNA_F
ClientSampleId :
SB-03

Tgt Ion:164 Resp: 90745

Ion	Ratio	Lower	Upper
164	100		
162	103.1	81.4	122.0
160	47.3	36.6	54.8

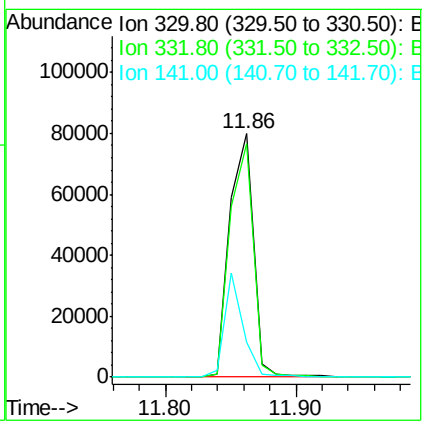


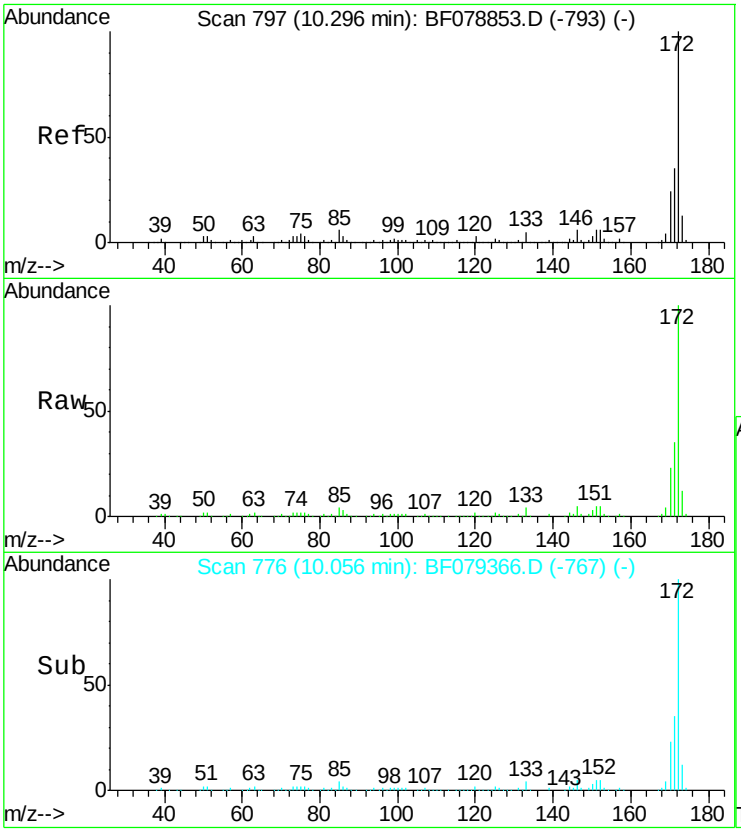


#41
2,4,6-Tribromophenol
Concen: 102.78 ng
RT: 11.86 min Scan# 934
Delta R.T. -0.00 min
Lab File: BF079366.D
Acq: 20 May 2015 4:58

Tgt Ion:330 Resp: 100897

Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.9	115.3
141	33.8	27.8	41.8



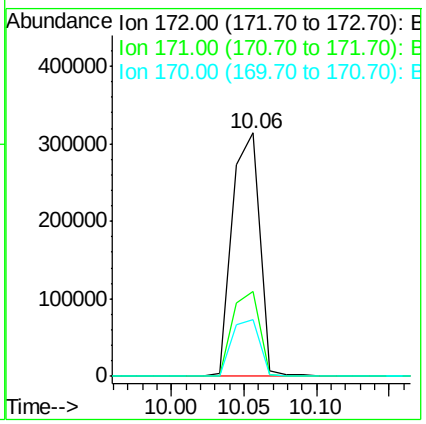


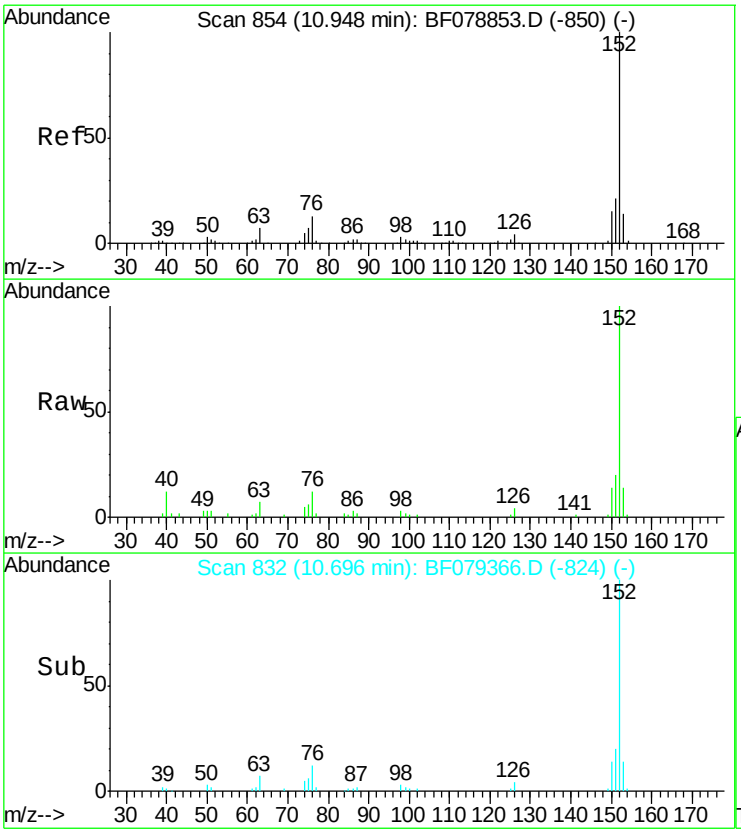
#44
2-Fluorobiphenyl
Concen: 63.61 ng
RT: 10.06 min Scan# 776
Delta R.T. -0.00 min
Lab File: BF079366.D
Acq: 20 May 2015 4:58

Instrument :
BNA_F
ClientSampleId :
SB-03

Tgt Ion:172 Resp: 414320

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.3	42.5
170	23.2	19.4	29.2

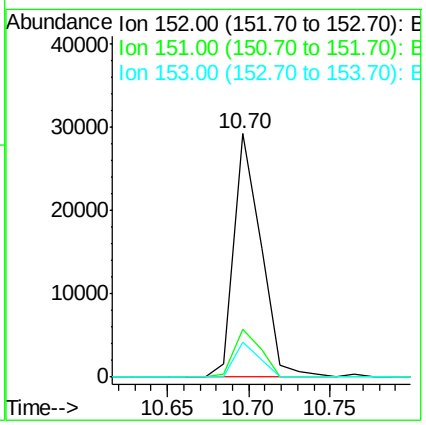


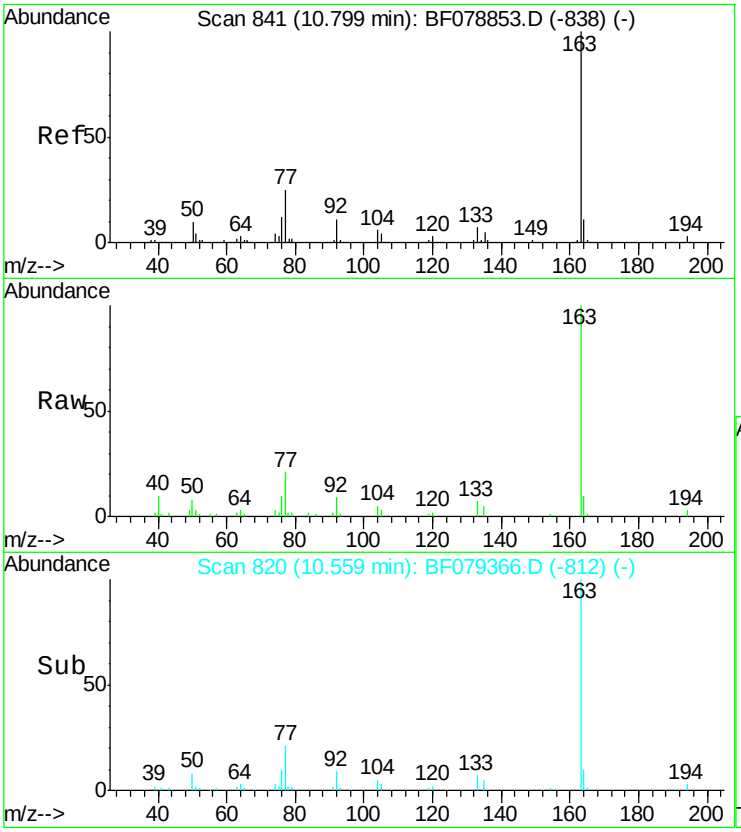


#48
Acenaphthylene
Concen: 3.63 ng
RT: 10.70 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF079366.D
Acq: 20 May 2015 4:58

Tgt Ion:152 Resp: 33552

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.6	24.8
153	14.5	11.0	16.6



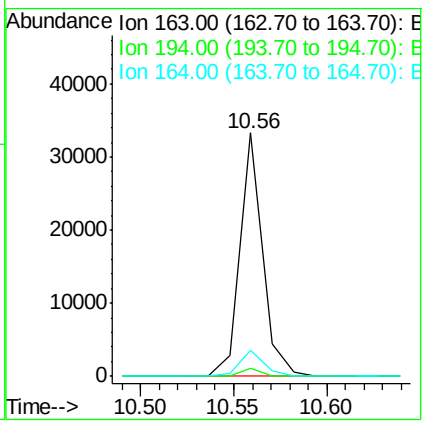


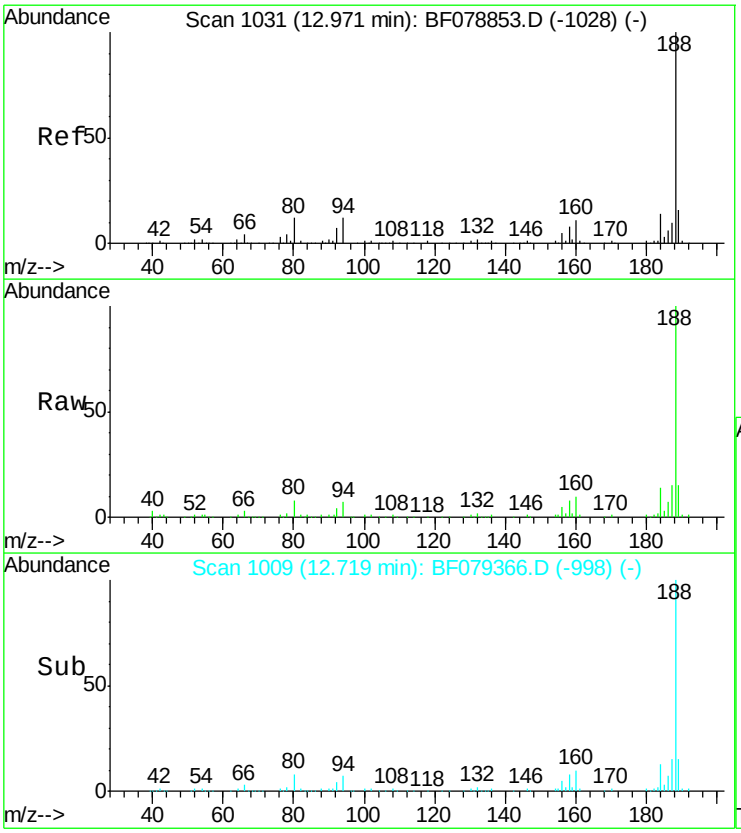
#49
Dimethylphthalate
Concen: 4.24 ng
RT: 10.56 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF079366.D
Acq: 20 May 2015 4:58

Instrument :
BNA_F
ClientSampleId :
SB-03

Tgt Ion:163 Resp: 28264

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.4	3.6
164	10.5	8.6	12.8

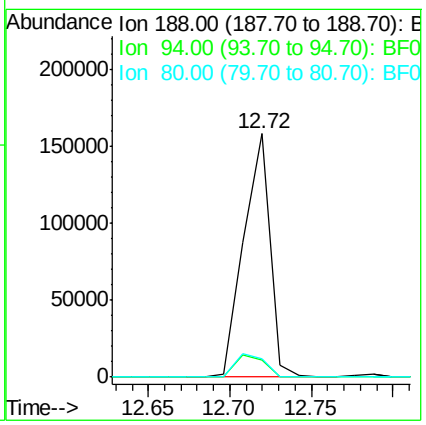


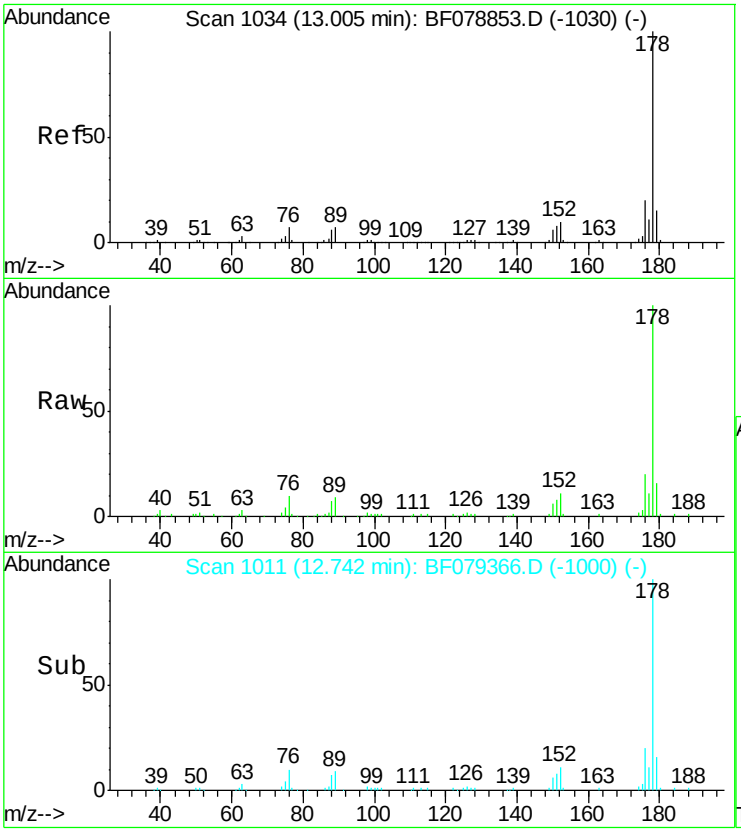


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.72 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF079366.D
Acq: 20 May 2015 4:58

Tgt Ion:188 Resp: 175225

Ion	Ratio	Lower	Upper
188	100		
94	7.2	9.4	14.0#
80	7.5	9.8	14.6#



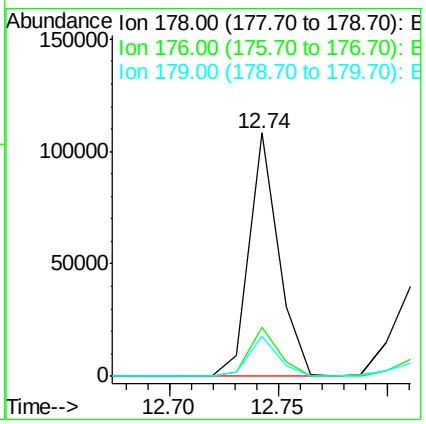


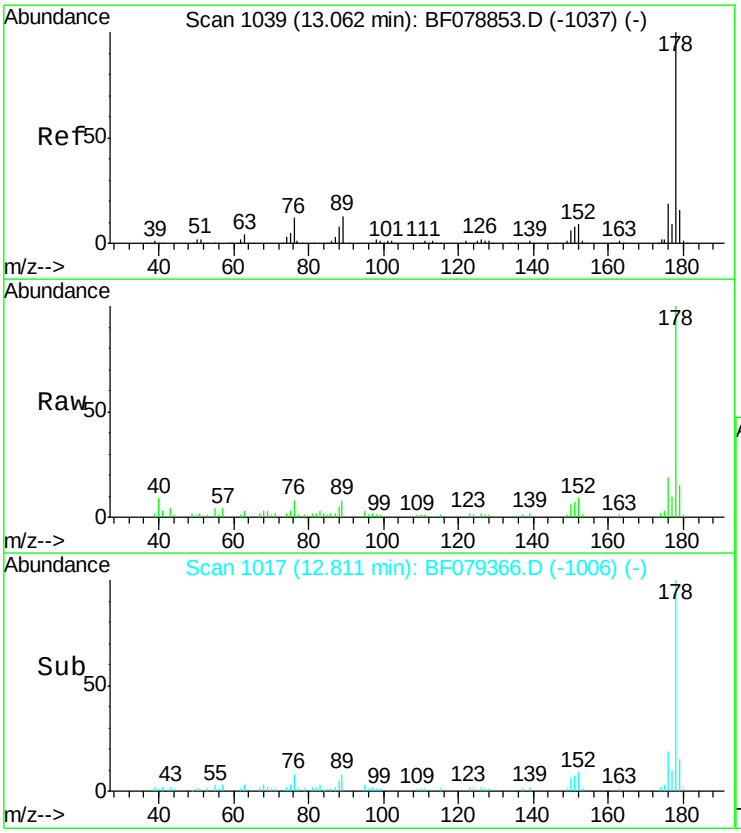
#70
Phenanthrene
Concen: 10.49 ng
RT: 12.74 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF079366.D
Acq: 20 May 2015 4:58

Instrument :
BNA_F
ClientSampleId :
SB-03

Tgt Ion:178 Resp: 102789

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.9	23.9
179	16.2	12.2	18.4

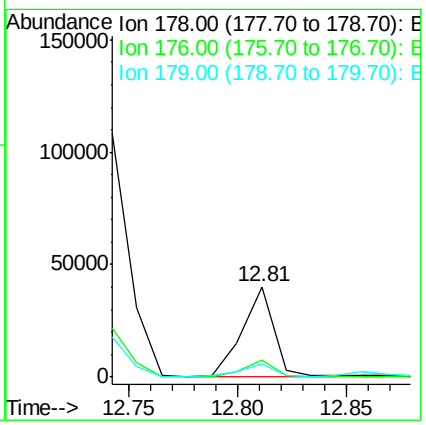


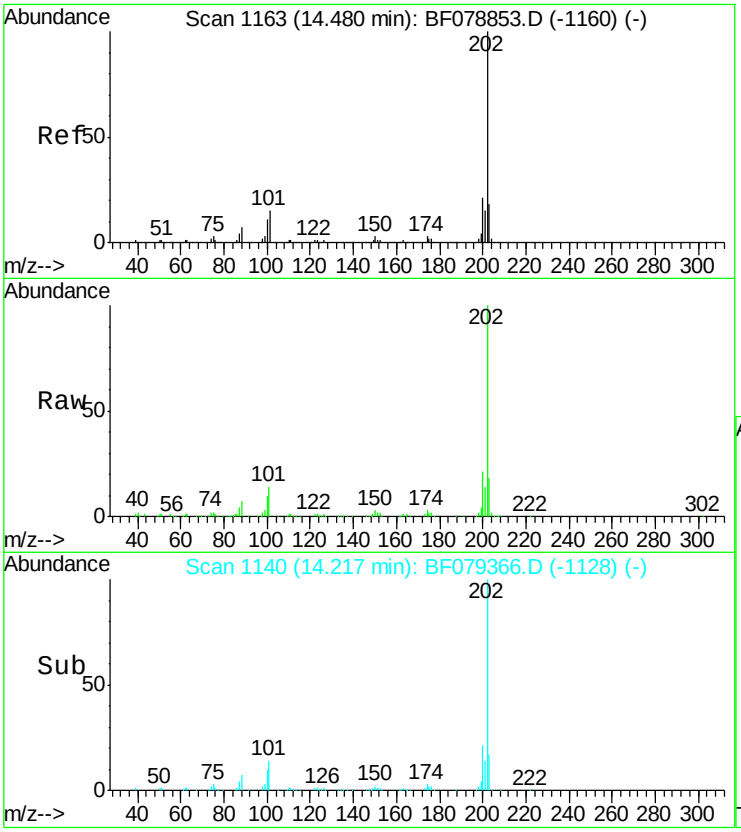


#71
Anthracene
Concen: 4.13 ng
RT: 12.81 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF079366.D
Acq: 20 May 2015 4:58

Tgt Ion:178 Resp: 39673

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.3	22.9
179	14.8	12.6	19.0



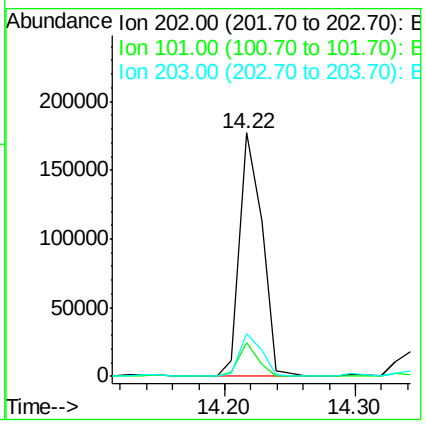


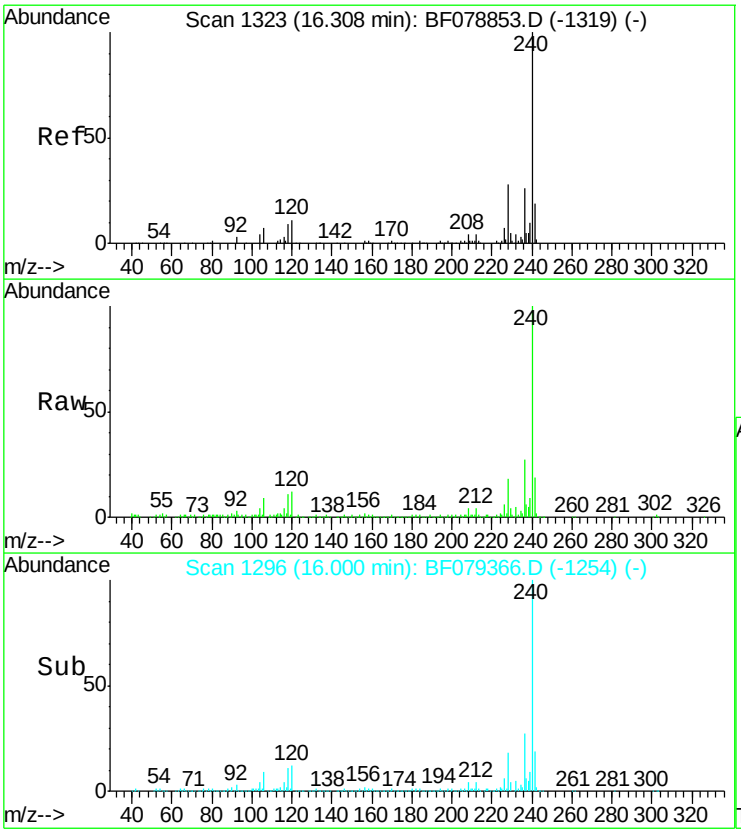
#74
Fluoranthene
Concen: 20.54 ng
RT: 14.22 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF079366.D
Acq: 20 May 2015 4:58

Instrument :
BNA_F
ClientSampleId :
SB-03

Tgt Ion:202 Resp: 209792

Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	34.7
203	17.6	0.0	37.9

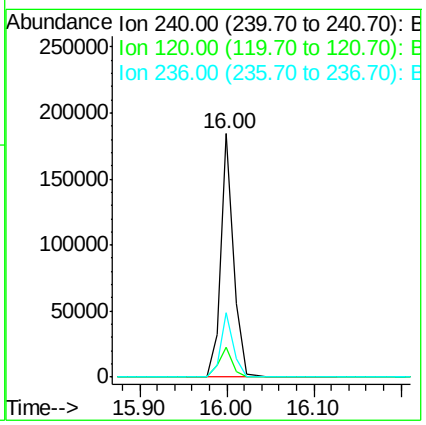


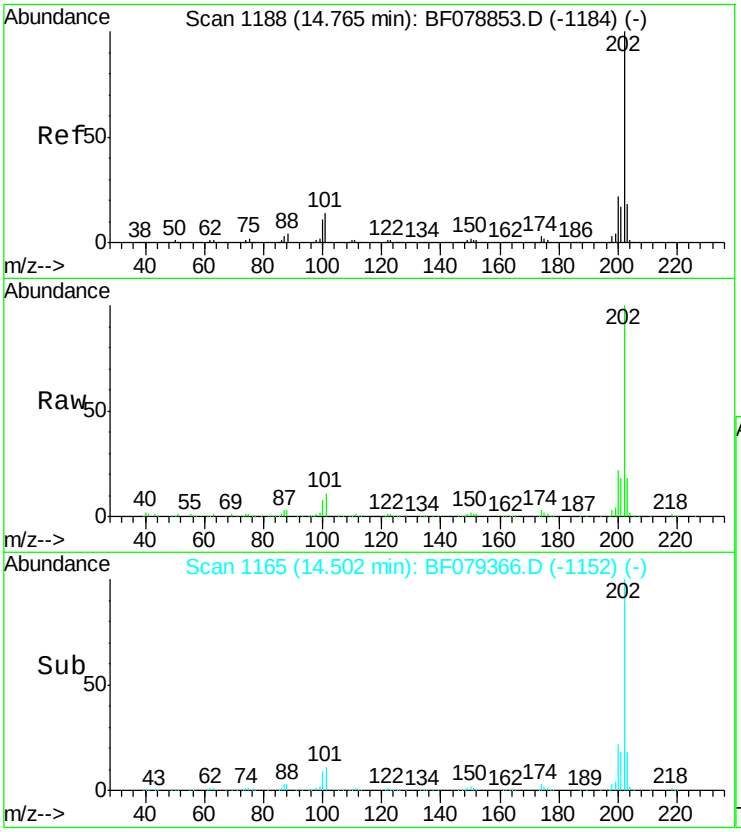


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.00 min Scan# 1296
Delta R.T. -0.02 min
Lab File: BF079366.D
Acq: 20 May 2015 4:58

Tgt Ion:240 Resp: 191024

Ion	Ratio	Lower	Upper
240	100		
120	12.4	8.6	12.8
236	26.7	21.0	31.6



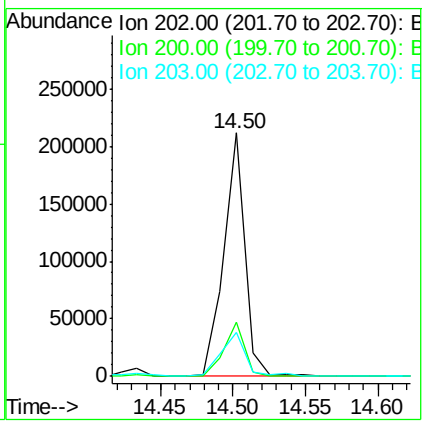


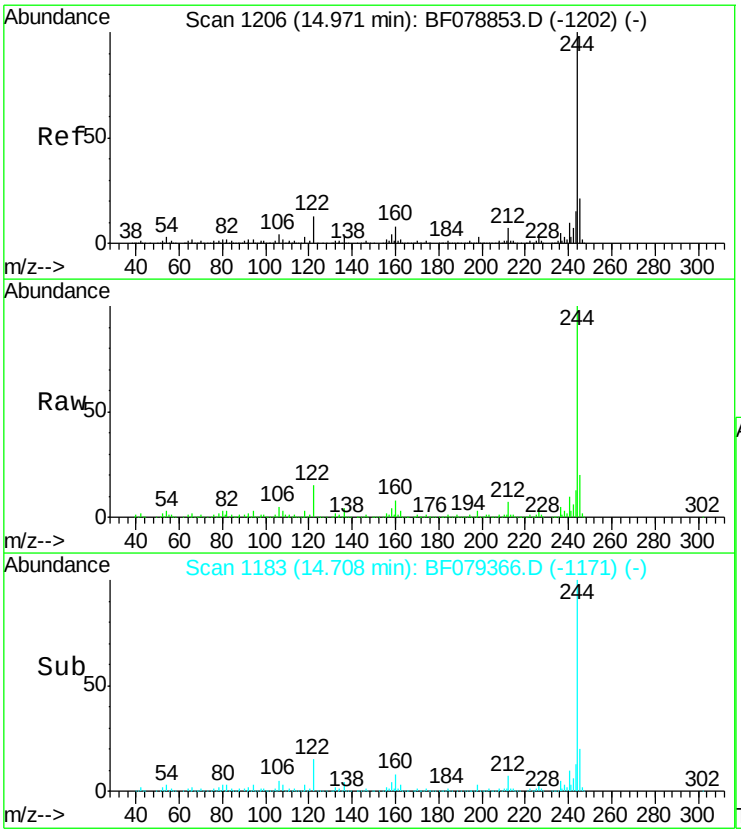
#77
Pyrene
Concen: 19.24 ng
RT: 14.50 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BF079366.D
Acq: 20 May 2015 4:58

Instrument :
BNA_F
ClientSampleId :
SB-03

Tgt Ion:202 Resp: 211841

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.5	26.3
203	17.9	14.7	22.1

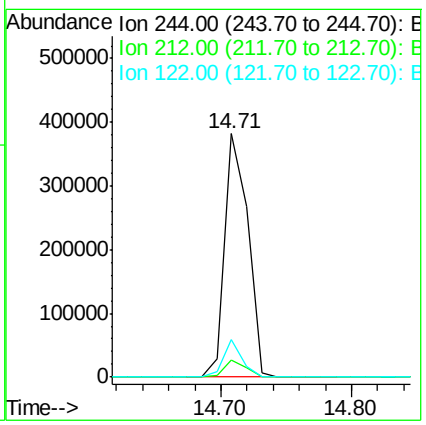


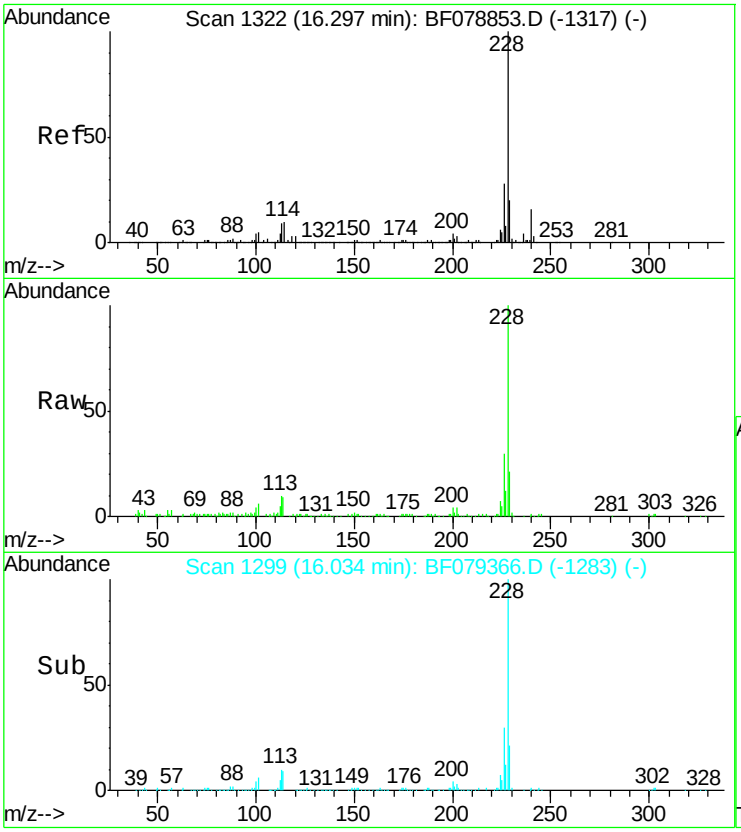


#78
Terphenyl-d14
Concen: 59.05 ng
RT: 14.71 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF079366.D
Acq: 20 May 2015 4:58

Tgt Ion:244 Resp: 471144

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	15.3	10.5	15.7



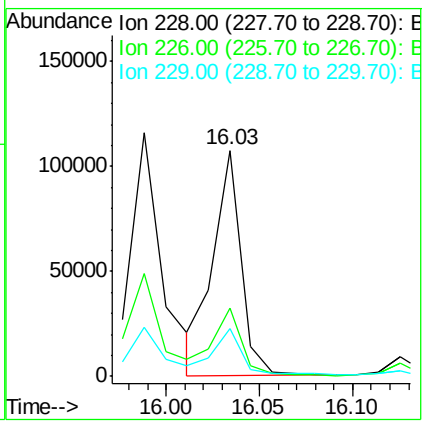


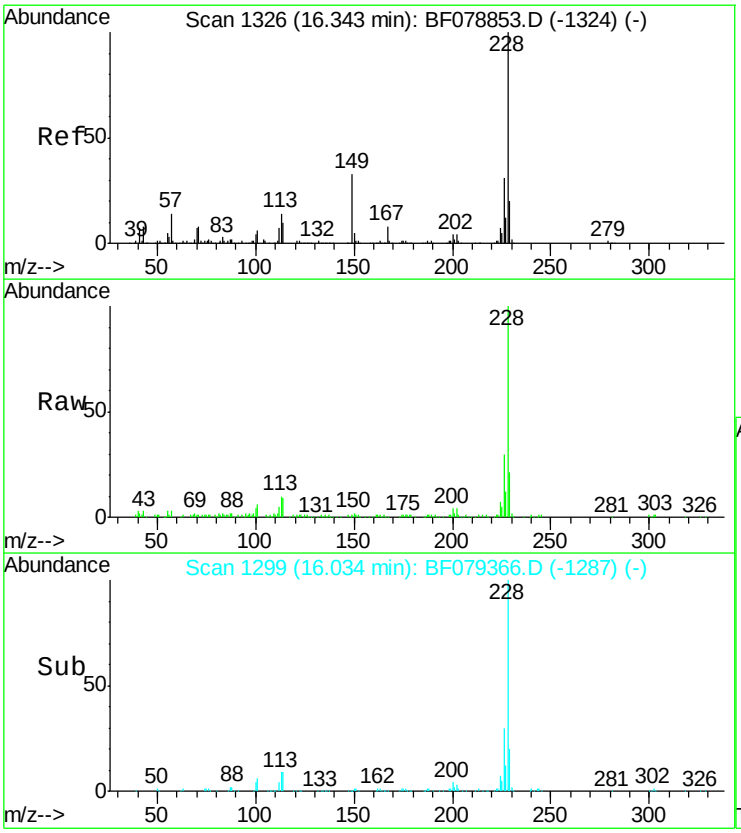
#80
Benzo(a)anthracene
Concen: 10.72 ng
RT: 16.03 min Scan# 1299
Delta R.T. 0.02 min
Lab File: BF079366.D
Acq: 20 May 2015 4:58

Instrument :
BNA_F
ClientSampleId :
SB-03

Tgt Ion:228 Resp: 112137

Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.3	33.5
229	21.2	16.1	24.1

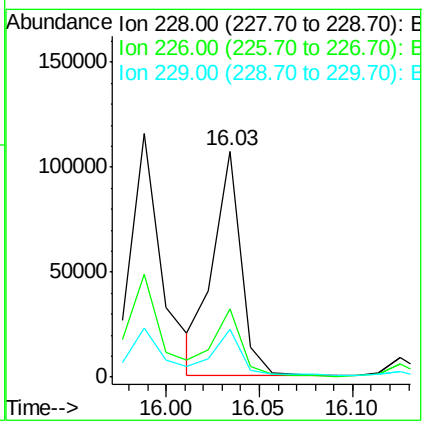


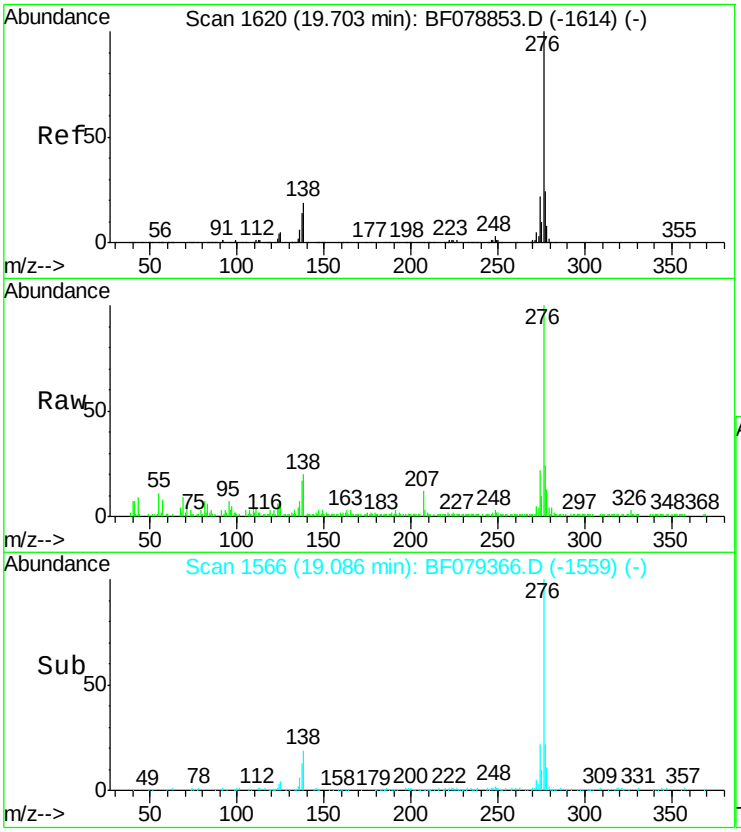


#82
Chrysene
Concen: 11.08 ng
RT: 16.03 min Scan# 1299
Delta R.T. -0.02 min
Lab File: BF079366.D
Acq: 20 May 2015 4:58

Tgt Ion:228 Resp: 111496

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.8	37.2
229	21.2	16.1	24.1



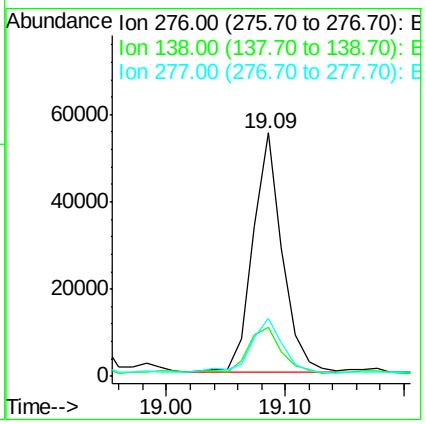


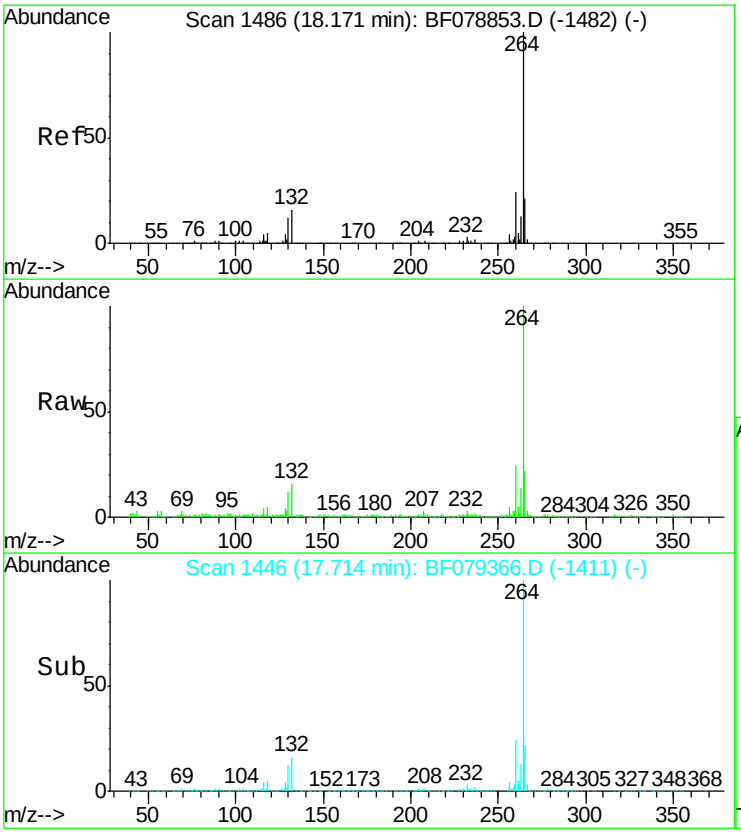
#85
Indeno(1,2,3-cd)pyrene
Concen: 7.32 ng
RT: 19.09 min Scan# 1566
Delta R.T. -0.13 min
Lab File: BF079366.D
Acq: 20 May 2015 4:58

Instrument :
BNA_F
ClientSampleId :
SB-03

Tgt Ion:276 Resp: 93836

Ion	Ratio	Lower	Upper
276	100		
138	21.5	21.1	31.7
277	25.2	19.9	29.9

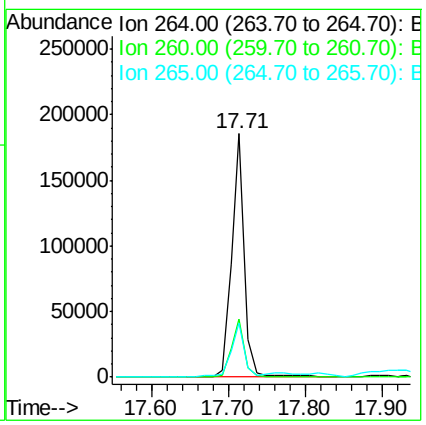


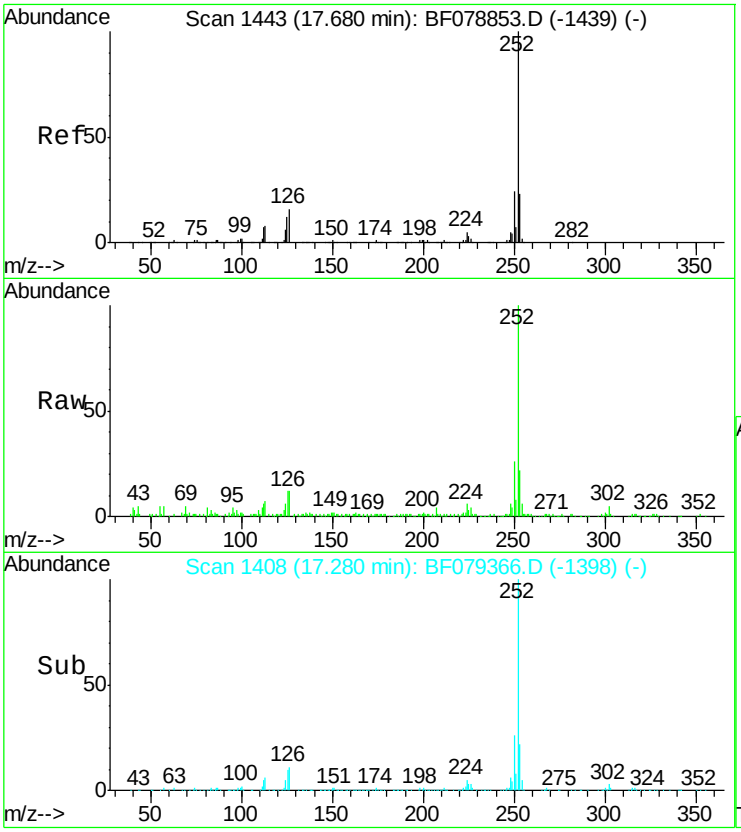


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.71 min Scan# 1446
Delta R.T. -0.10 min
Lab File: BF079366.D
Acq: 20 May 2015 4:58

Tgt Ion:264 Resp: 218557

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.3	17.2	25.8



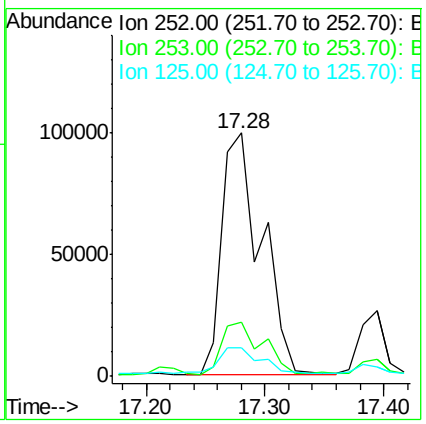


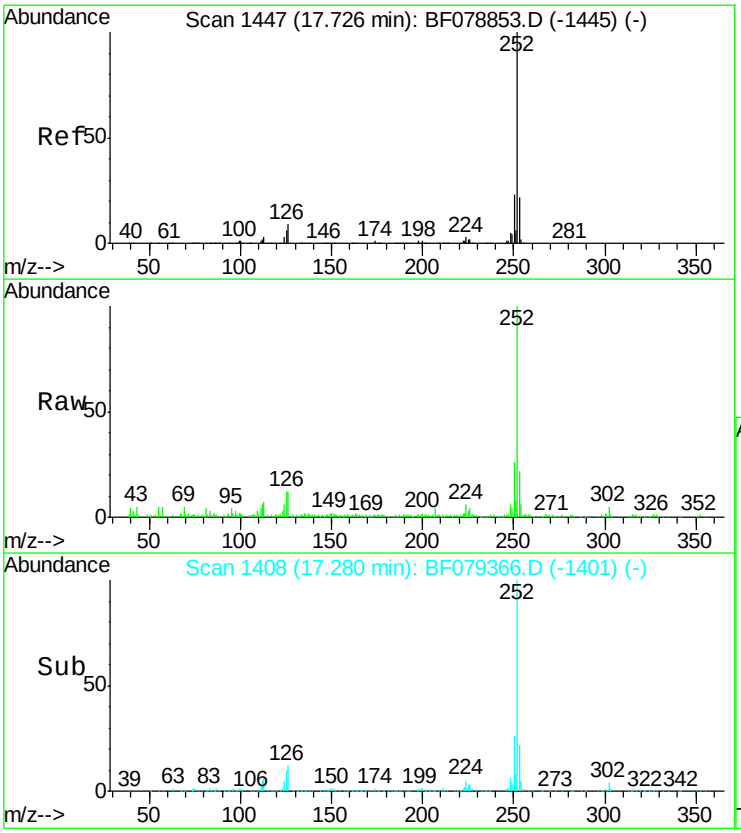
#87
Benzo(b)fluoranthene
Concen: 19.31 ng
RT: 17.28 min Scan# 1408
Delta R.T. -0.07 min
Lab File: BF079366.D
Acq: 20 May 2015 4:58

Instrument :
BNA_F
ClientSampleId :
SB-03

Tgt Ion:252 Resp: 230959

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	11.5	9.4	14.2

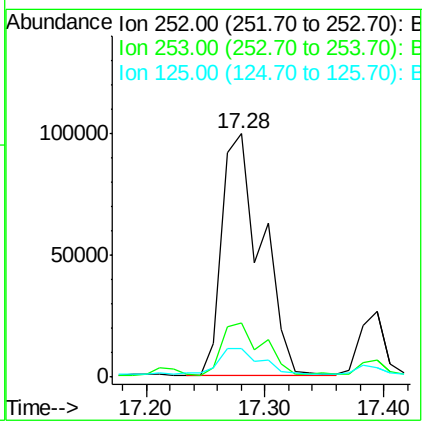


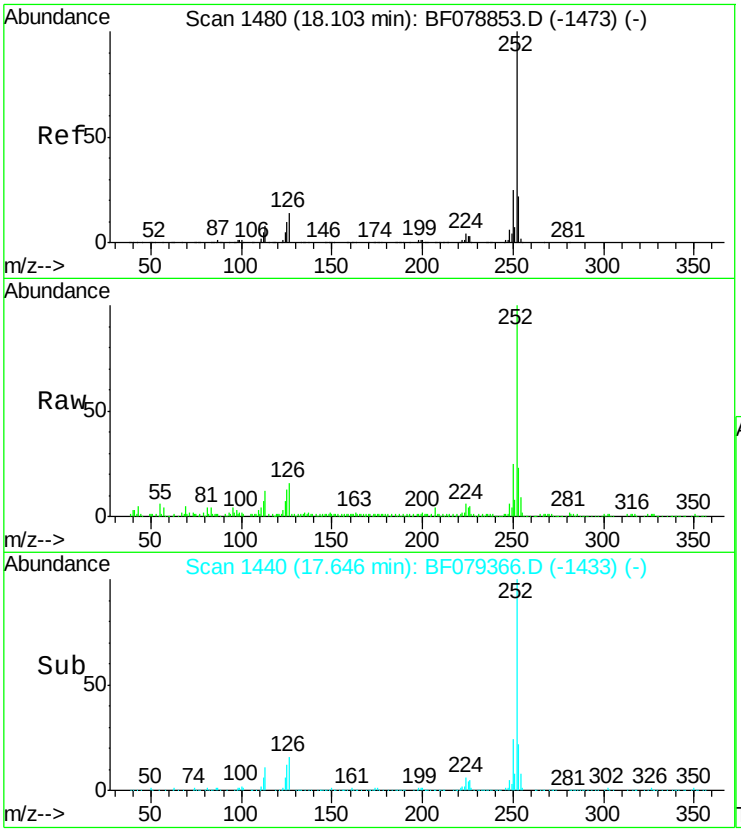


#88
Benzo(k)fluoranthene
Concen: 19.94 ng
RT: 17.28 min Scan# 1408
Delta R.T. -0.10 min
Lab File: BF079366.D
Acq: 20 May 2015 4:58

Tgt Ion:252 Resp: 230959

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.0
125	11.5	6.1	9.1#



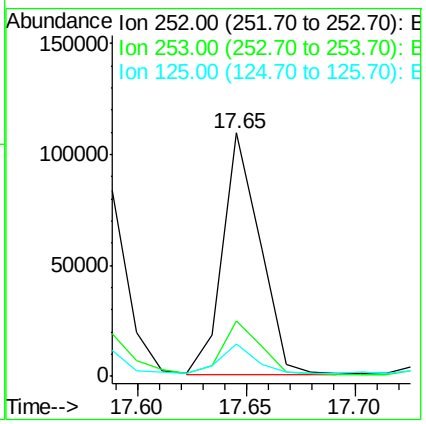


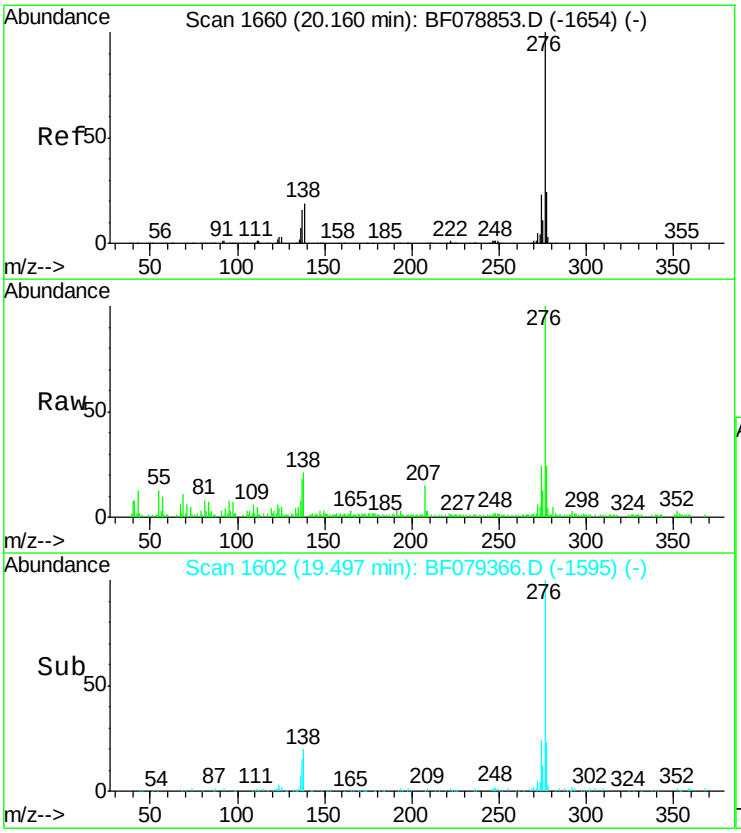
#89
Benzo(a)pyrene
Concen: 11.78 ng
RT: 17.65 min Scan# 1440
Delta R.T. -0.10 min
Lab File: BF079366.D
Acq: 20 May 2015 4:58

Instrument :
BNA_F
ClientSampleId :
SB-03

Tgt Ion:252 Resp: 129760

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	13.2	8.2	12.2#





#91
Benzo(g,h,i)perylene
Concen: 7.81 ng
RT: 19.50 min Scan# 1602
Delta R.T. -0.13 min
Lab File: BF079366.D
Acq: 20 May 2015 4:58

Tgt Ion:276 Resp: 91676

Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.8	28.2
138	21.1	15.2	22.8