Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052215\
Data File : BF079469.D
Acq On : 23 May 2015 11:16
Operator : TP/IZ
Sample : G2371-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SW-022

Quant Time: May 25 07:02:26 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 25 06:56:43 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.05	152	77447	20.00	ng		0.00
21) Naphthalene-d8	8.63	136	311987	20.00	ng		0.00
38) Acenaphthene-d10	10.80	164	151210	20.00	ng		0.00
63) Phenanthrene-d10	12.63	188	280451	20.00	ng		0.00
75) Chrysene-d12	15.92	240	291479	20.00	ng		0.01
86) Perylene-d12	17.71	264	285858	20.00	ng		0.10
System Monitoring Compounds							
5) 2-Fluorophenol	0.00	112	0	0.00	ng		
7) Phenol-d6	0.00	99	0	0.00	ng		
23) Nitrobenzene-d5	7.75	82	248427	45.76	ng		0.00
41) 2,4,6-Tribromophenol	11.78	330	100956	61.72	ng		0.00
44) 2-Fluorobiphenyl	9.98	172	743214	68.48	ng		0.00
78) Terphenyl-d14	14.63	244	814023	66.86	ng		0.00
Target Compounds							Qvalue
32) Benzoic acid	8.36	122	492	6.46	ng		85
49) Dimethylphthalate	10.49	163	71085	6.41	ng		97
70) Phenanthrene	12.66	178	135305	8.62	ng		100
71) Anthracene	12.73	178	30906	2.01	ng		97
74) Fluoranthene	14.14	202	179628	10.99	ng		95
77) Pyrene	14.41	202	156511	9.32	ng		99
80) Benzo(a)anthracene	15.95	228	71262	4.46	ng		96
82) Chrysene	15.95	228	71023	4.63	ng		98
85) Indeno(1,2,3-cd)pyrene	19.06	276	47249	2.42	ng		93
87) Benzo(b)fluoranthene	17.25	252	131789	8.42	ng		98
88) Benzo(k)fluoranthene	17.25	252	131789	8.70	ng	#	93
89) Benzo(a)pyrene	17.65	252	69599	4.83	ng		99
91) Benzo(g,h,i)perylene	19.46	276	48640	3.17	ng		96

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

Quantitation Report (Not Reviewed)

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Misc :
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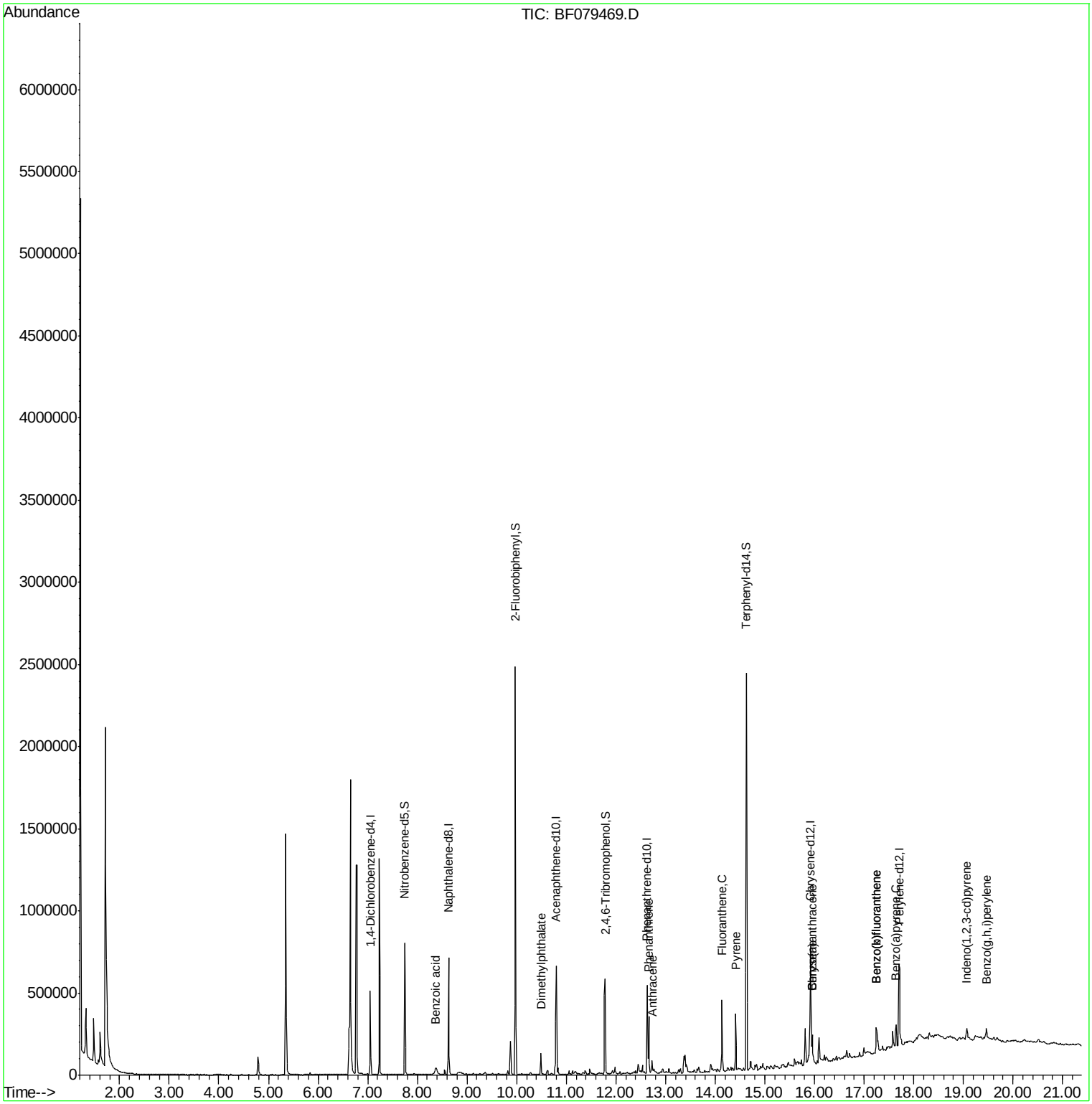
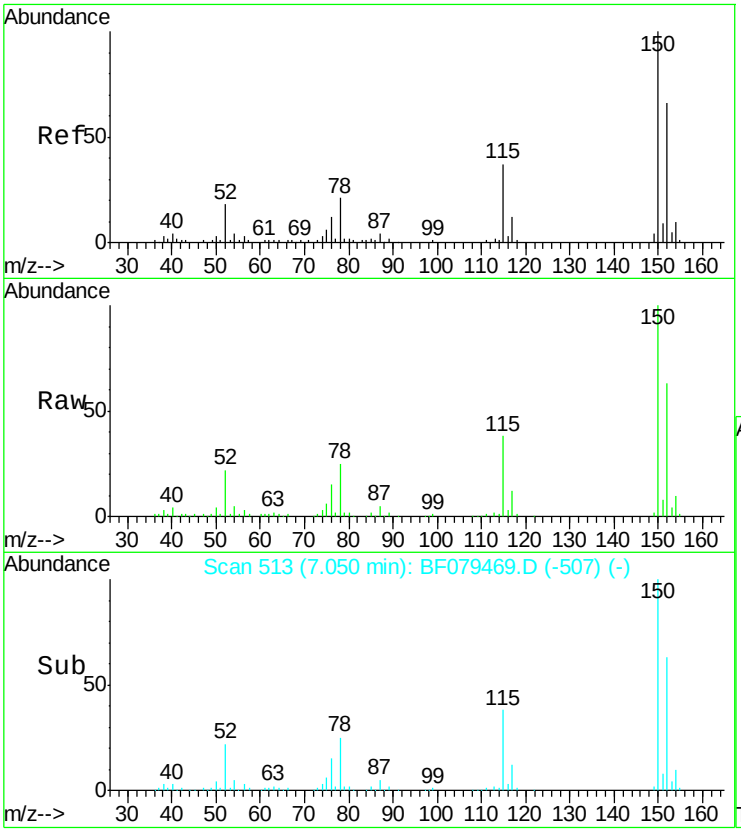


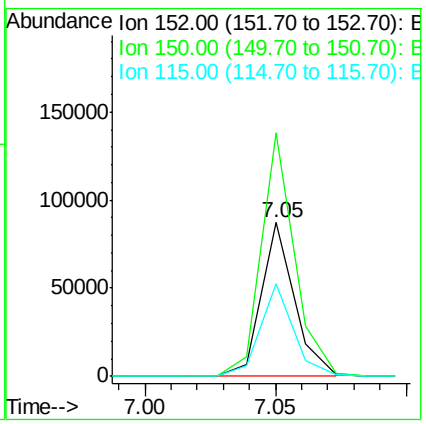


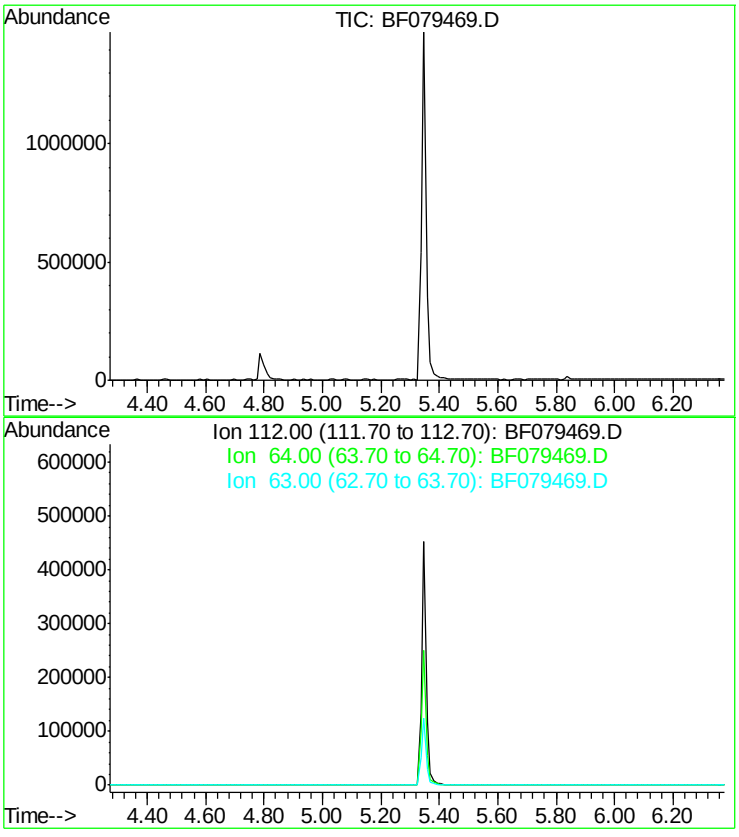
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.05 min Scan# 513
Delta R.T. -0.00 min
Lab File: BF079469.D
Acq: 23 May 2015 11:16

Instrument :
BNA_F
ClientSampleId :
SW-022

Tgt Ion:152 Resp: 77447

Ion	Ratio	Lower	Upper
152	100		
150	158.6	123.8	185.8
115	60.5	49.4	74.0



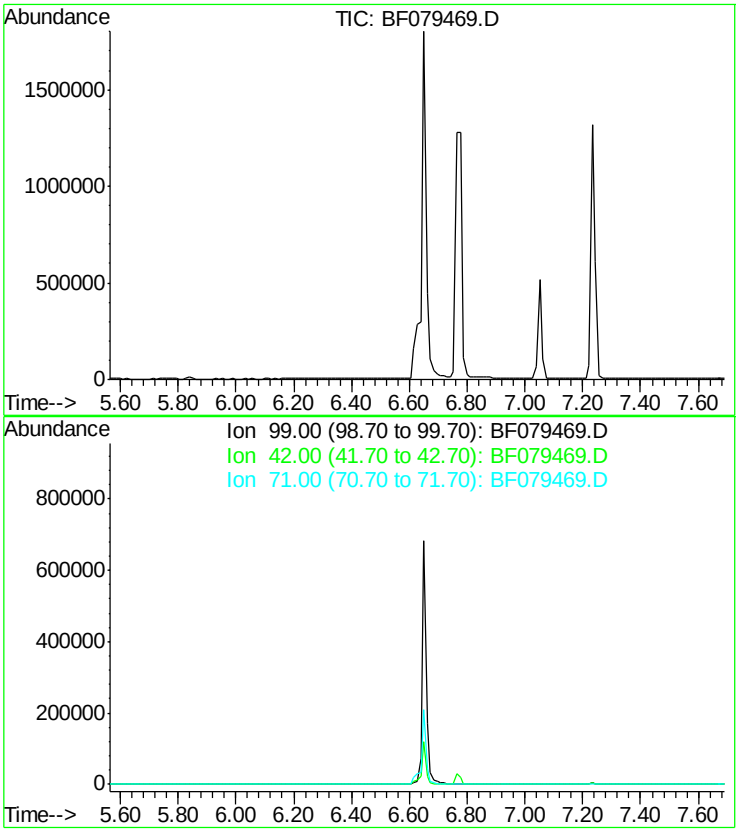


#5
2-Fluorophenol
Concen: 0.00 ng
Expected RT: 5.32 min

Lab File: BF079469.D
Acq: 23 May 2015 11:16

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	55.2
63	28.4



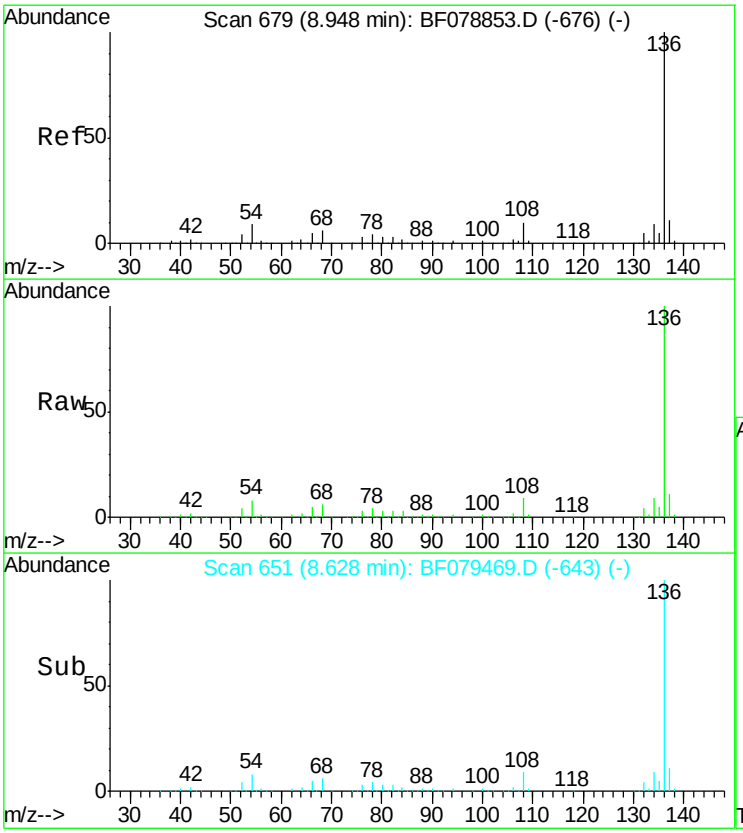
#7
Phenol-d6
Concen: 0.00 ng
Expected RT: 6.63 min

Lab File: BF079469.D
Acq: 23 May 2015 11:16

Tgt Ion: 99

Sig	Exp Ratio
99	100
42	21.4
71	32.9

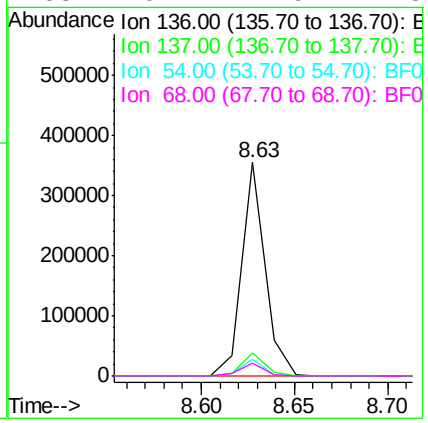
Instrument :
BNA_F
ClientSampleId :
SW-022

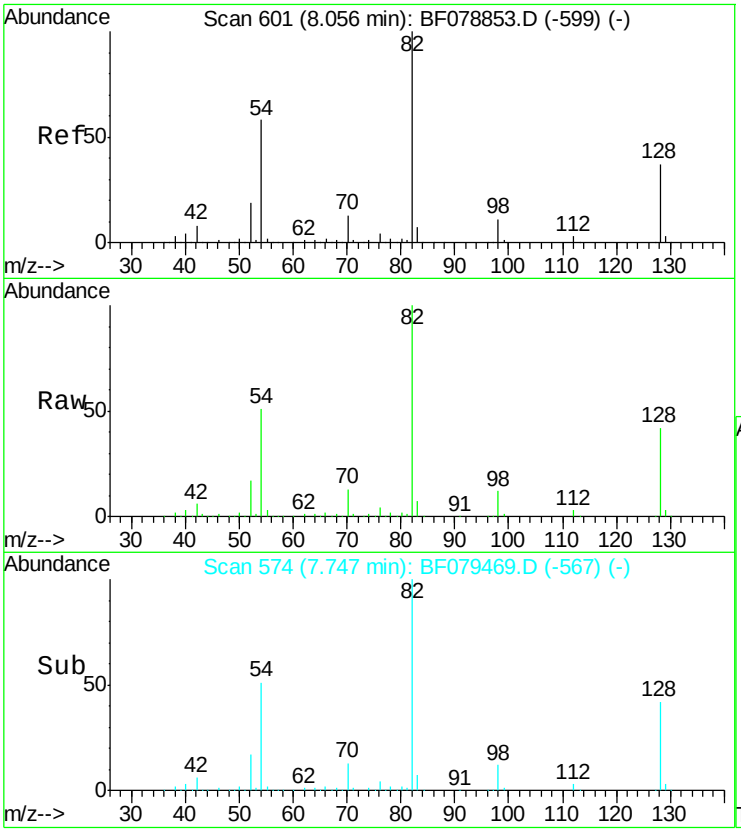


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.63 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF079469.D
Acq: 23 May 2015 11:16

Tgt Ion:136 Resp: 311987

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.1	6.9	10.3
68	6.1	4.9	7.3



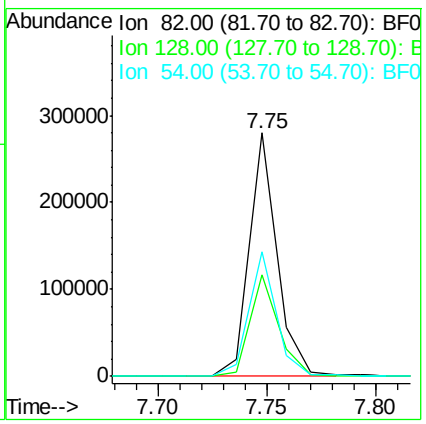


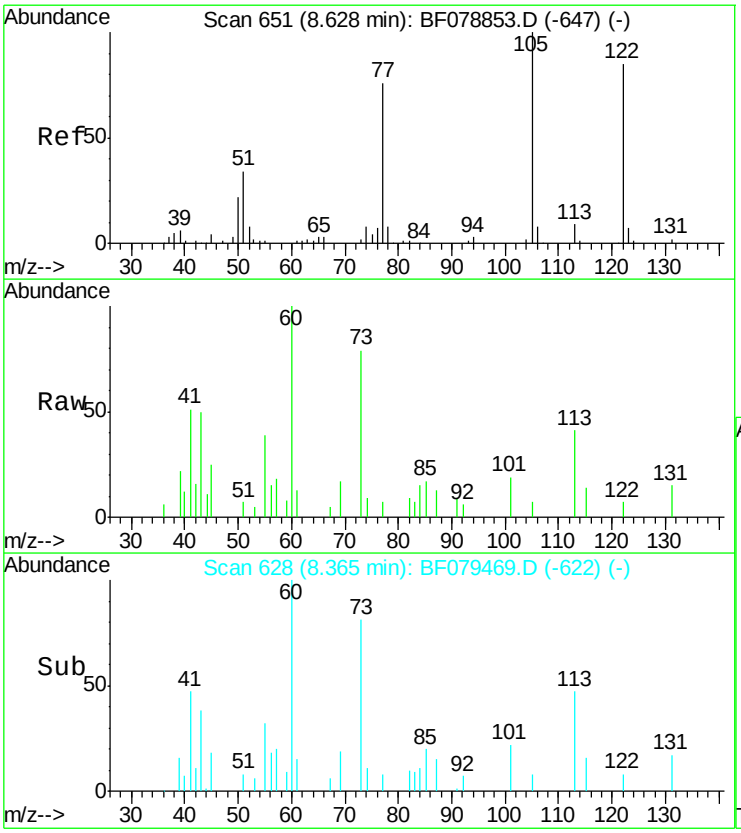
#23
Nitrobenzene-d5
Concen: 45.76 ng
RT: 7.75 min Scan# 574
Delta R.T. -0.00 min
Lab File: BF079469.D
Acq: 23 May 2015 11:16

Instrument :
BNA_F
ClientSampleId :
SW-022

Tgt Ion: 82 Resp: 248427

Ion	Ratio	Lower	Upper
82	100		
128	42.0	29.7	44.5
54	50.9	46.2	69.4

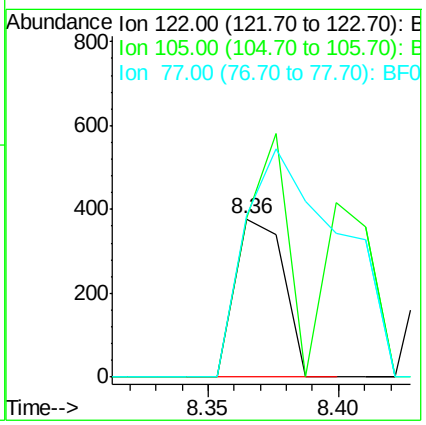


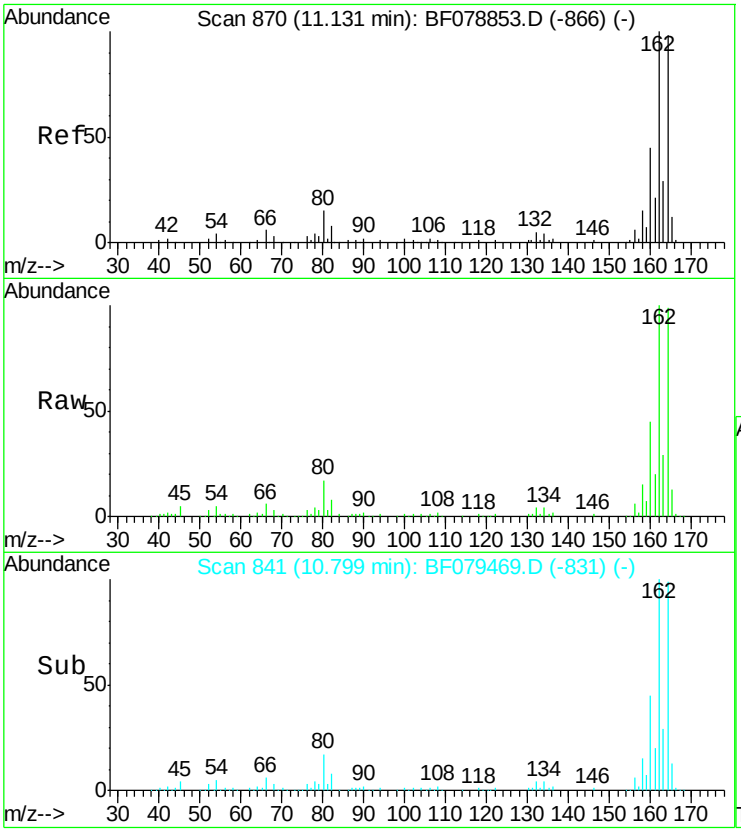


#32
Benzoic acid
Concen: 6.46 ng
RT: 8.36 min Scan# 628
Delta R.T. -0.01 min
Lab File: BF079469.D
Acq: 23 May 2015 11:16

Tgt Ion:122 Resp: 492

Ion	Ratio	Lower	Upper
122	100		
105	100.8	100.7	140.7
77	102.4	72.0	112.0



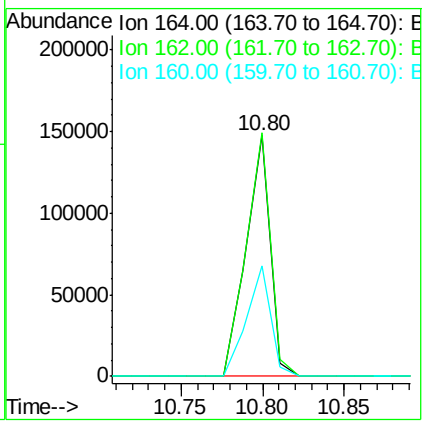


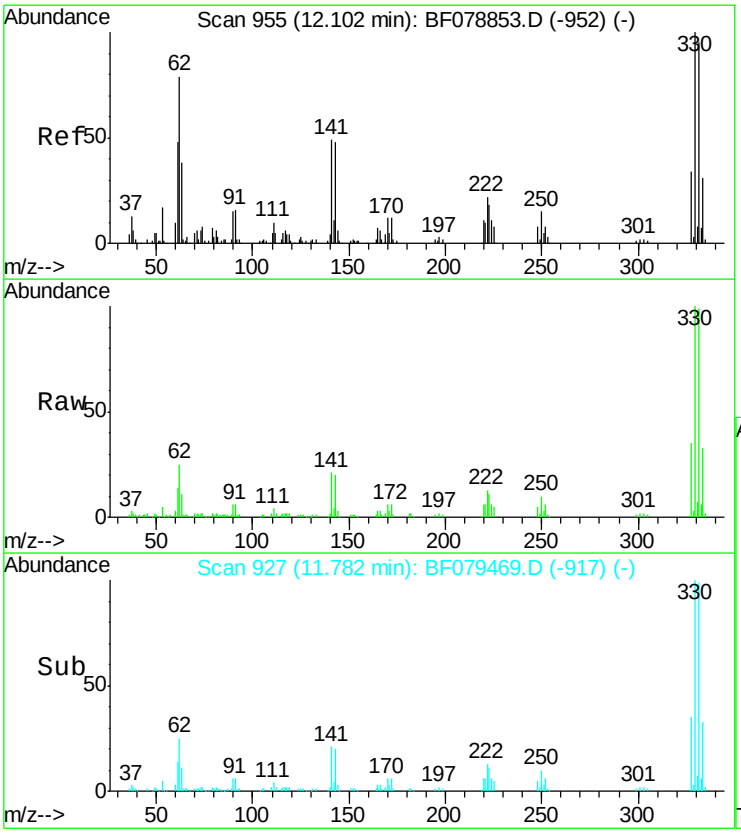
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.80 min Scan# 841
Delta R.T. -0.00 min
Lab File: BF079469.D
Acq: 23 May 2015 11:16

Instrument :
BNA_F
ClientSampleId :
SW-022

Tgt Ion:164 Resp: 151210

Ion	Ratio	Lower	Upper
164	100		
162	101.2	81.4	122.0
160	45.7	36.6	54.8

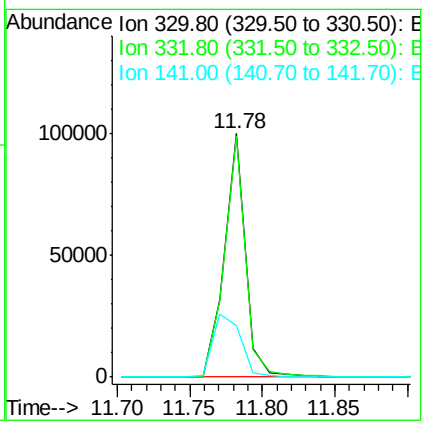


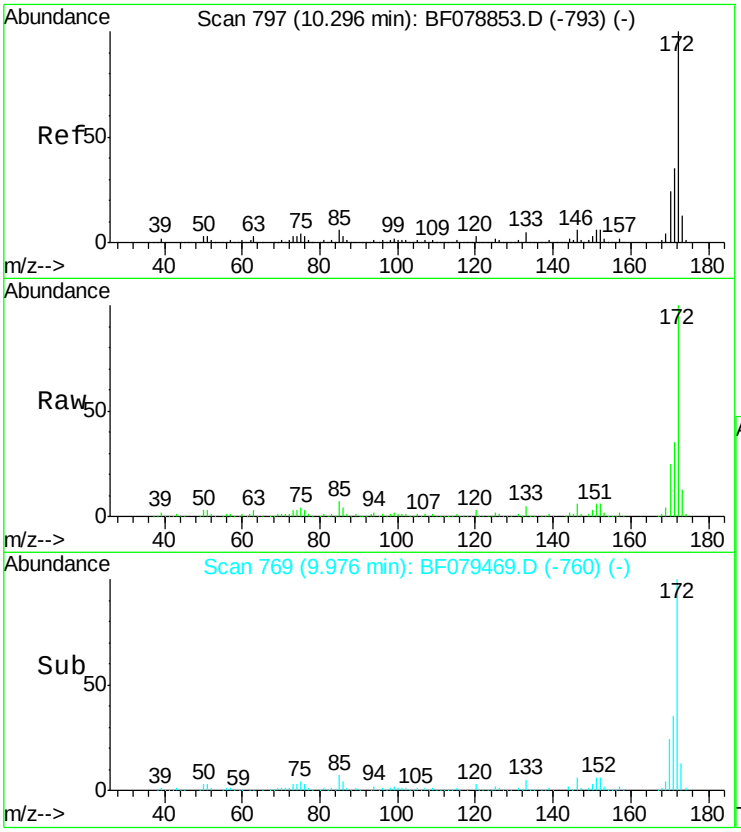


#41
2,4,6-Tribromophenol
Concen: 61.72 ng
RT: 11.78 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF079469.D
Acq: 23 May 2015 11:16

Tgt Ion:330 Resp: 100956

Ion	Ratio	Lower	Upper
330	100		
332	99.0	76.9	115.3
141	34.7	27.8	41.8



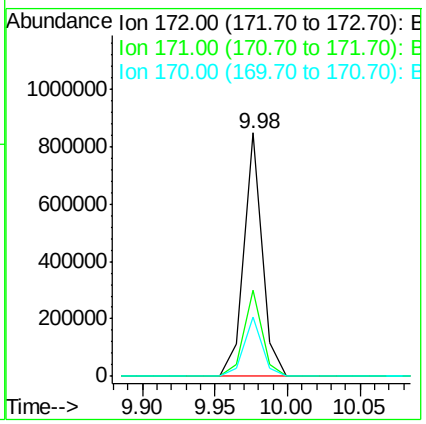


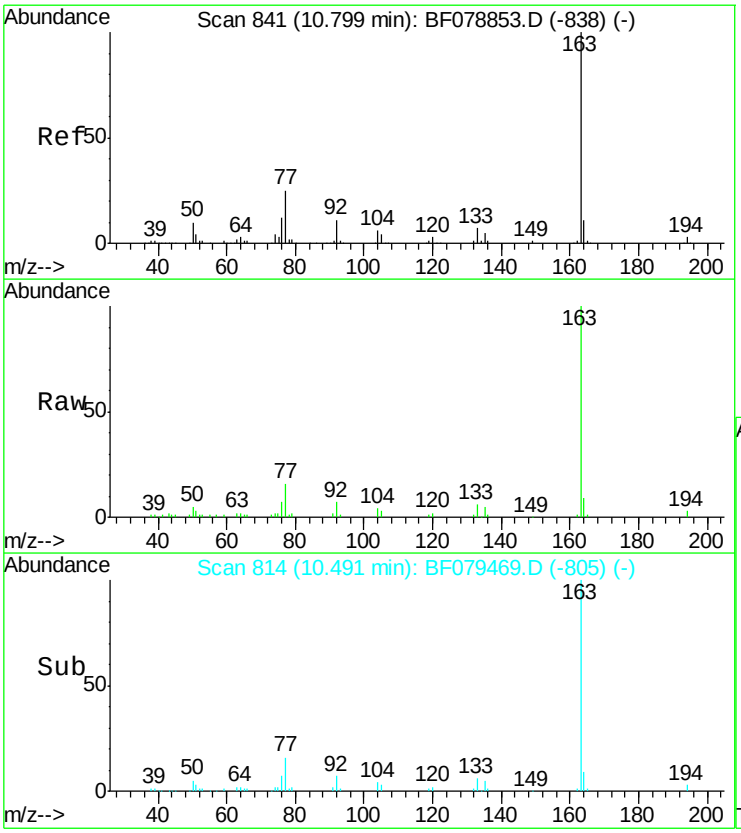
#44
2-Fluorobiphenyl
Concen: 68.48 ng
RT: 9.98 min Scan# 769
Delta R.T. -0.00 min
Lab File: BF079469.D
Acq: 23 May 2015 11:16

Instrument :
BNA_F
ClientSampleId :
SW-022

Tgt Ion:172 Resp: 743214

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.3	42.5
170	24.5	19.4	29.2

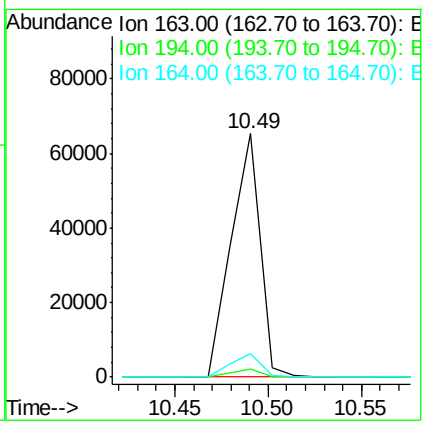


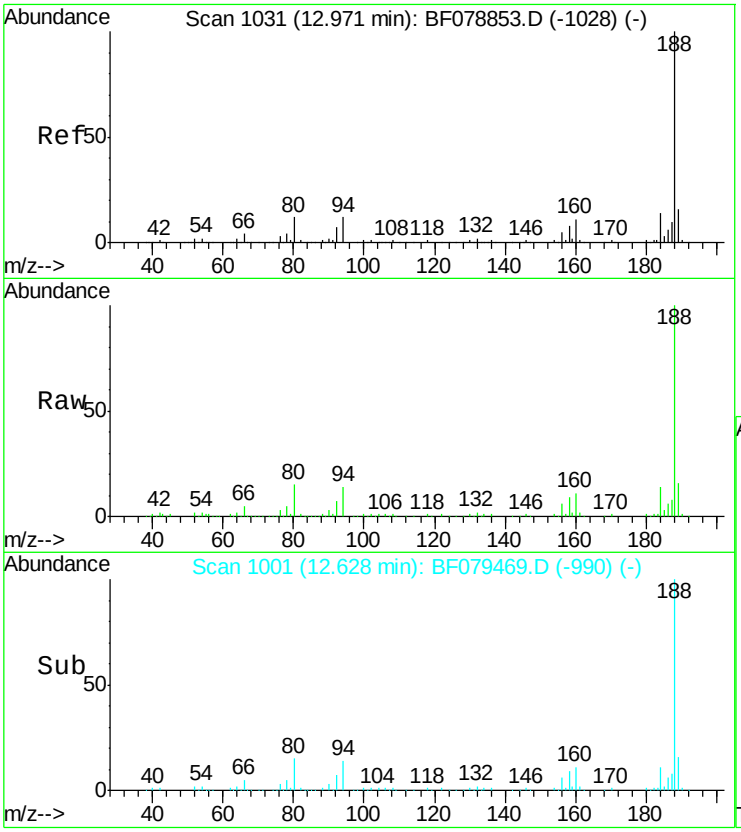


#49
Dimethylphthalate
Concen: 6.41 ng
RT: 10.49 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF079469.D
Acq: 23 May 2015 11:16

Tgt Ion:163 Resp: 71085

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.4	3.6
164	9.4	8.6	12.8



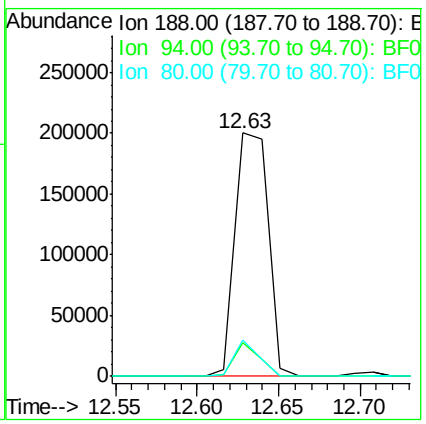


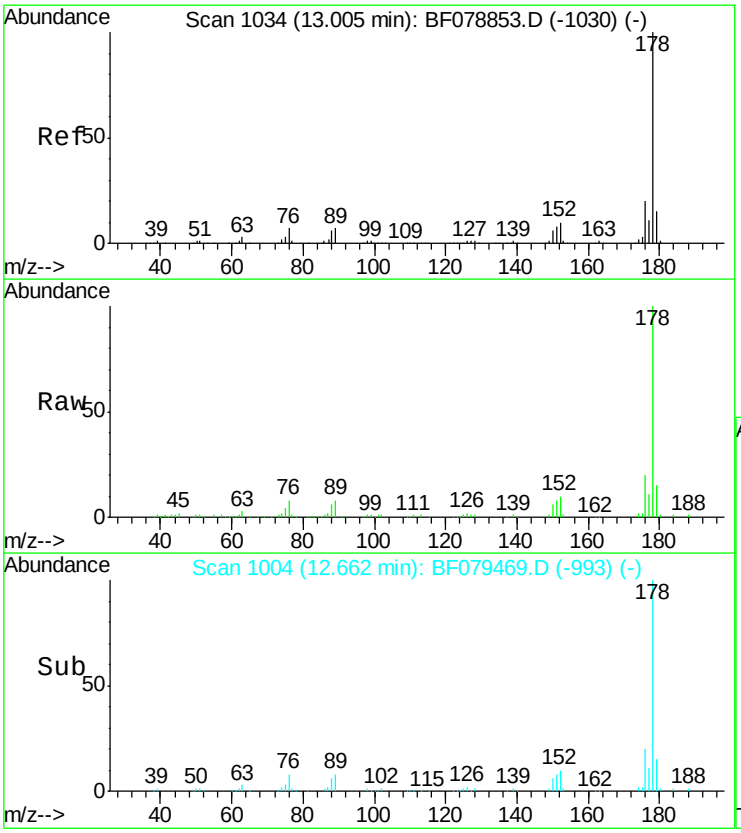
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.63 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF079469.D
Acq: 23 May 2015 11:16

Instrument :
BNA_F
ClientSampleId :
SW-022

Tgt Ion:188 Resp: 280451

Ion	Ratio	Lower	Upper
188	100		
94	13.8	9.4	14.0
80	15.1	9.8	14.6#

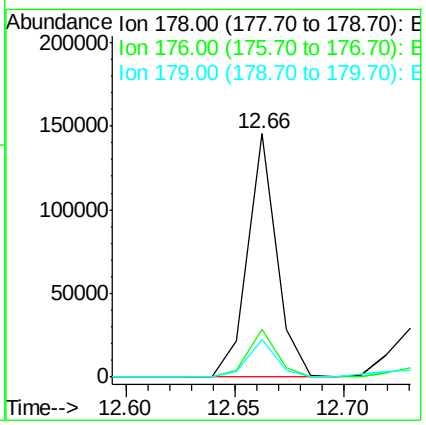


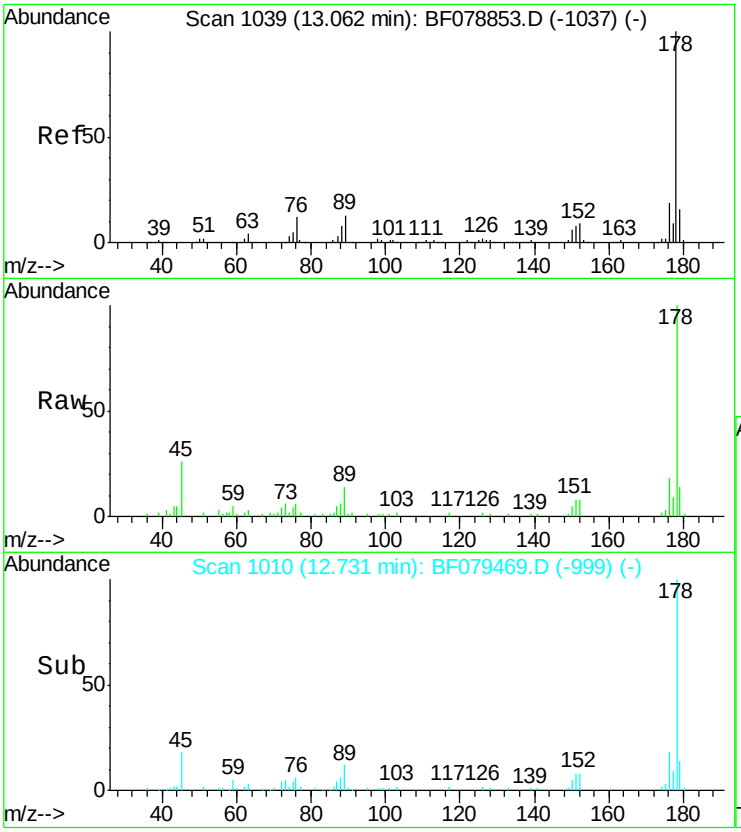


#70
Phenanthrene
Concen: 8.62 ng
RT: 12.66 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BF079469.D
Acq: 23 May 2015 11:16

Tgt Ion:178 Resp: 135305

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.9	23.9
179	15.2	12.2	18.4



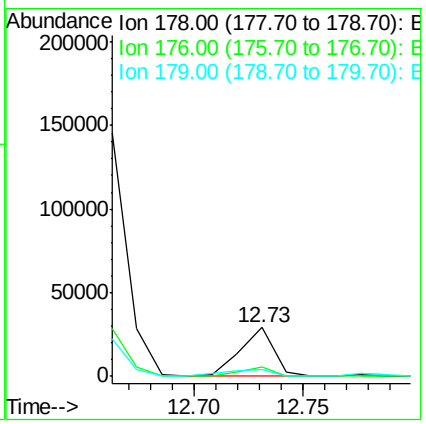


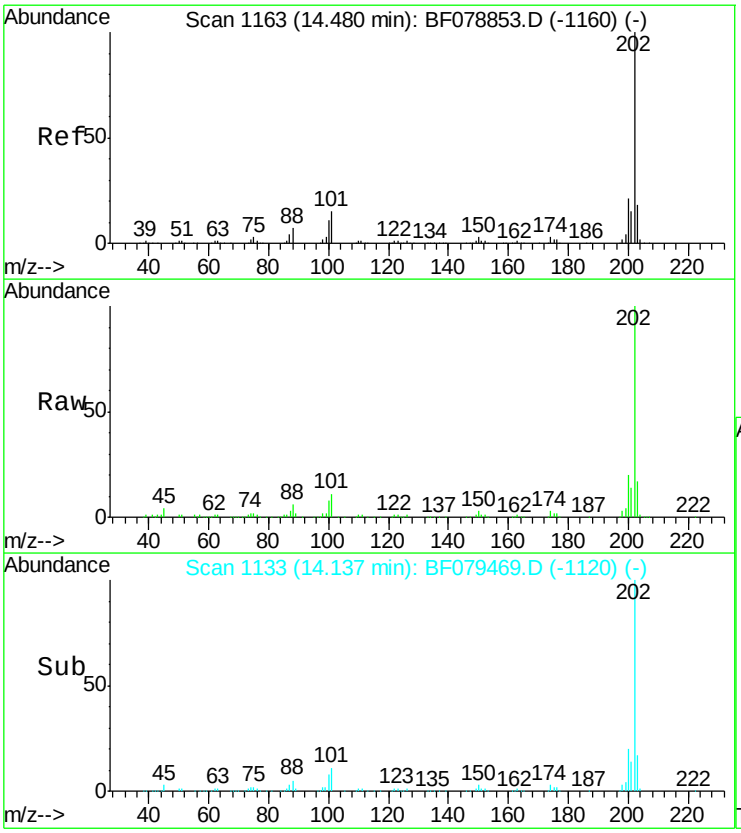
#71
Anthracene
Concen: 2.01 ng
RT: 12.73 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF079469.D
Acq: 23 May 2015 11:16

Instrument :
BNA_F
ClientSampleId :
SW-022

Tgt Ion:178 Resp: 30906

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.3	22.9
179	14.4	12.6	19.0

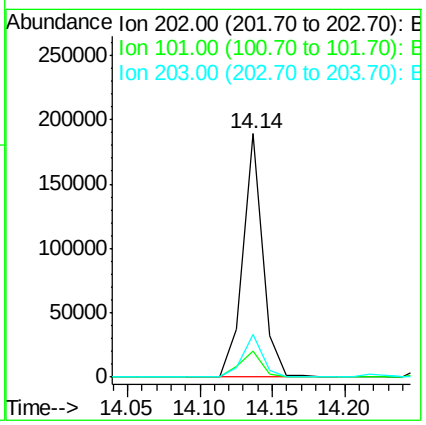


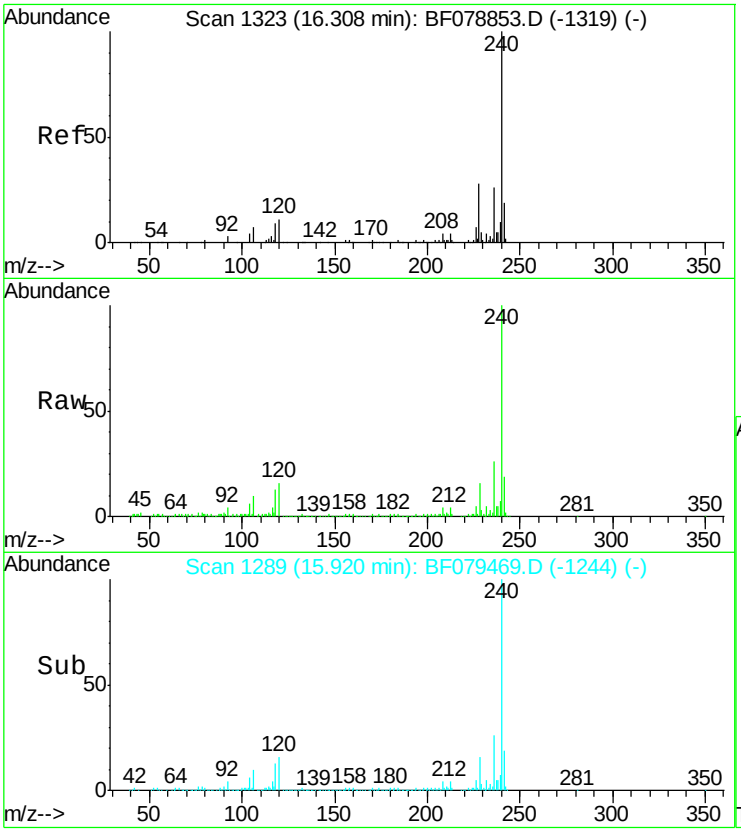


#74
Fluoranthene
Concen: 10.99 ng
RT: 14.14 min Scan# 1133
Delta R.T. -0.00 min
Lab File: BF079469.D
Acq: 23 May 2015 11:16

Tgt Ion:202 Resp: 179628

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	34.7
203	17.5	0.0	37.9



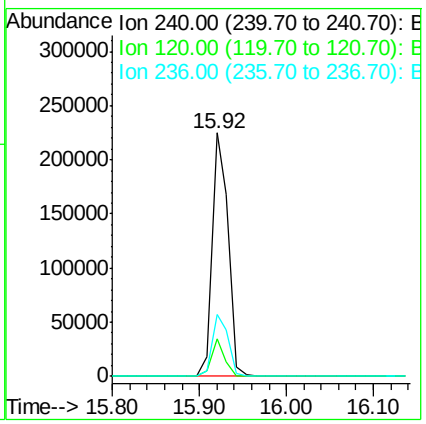


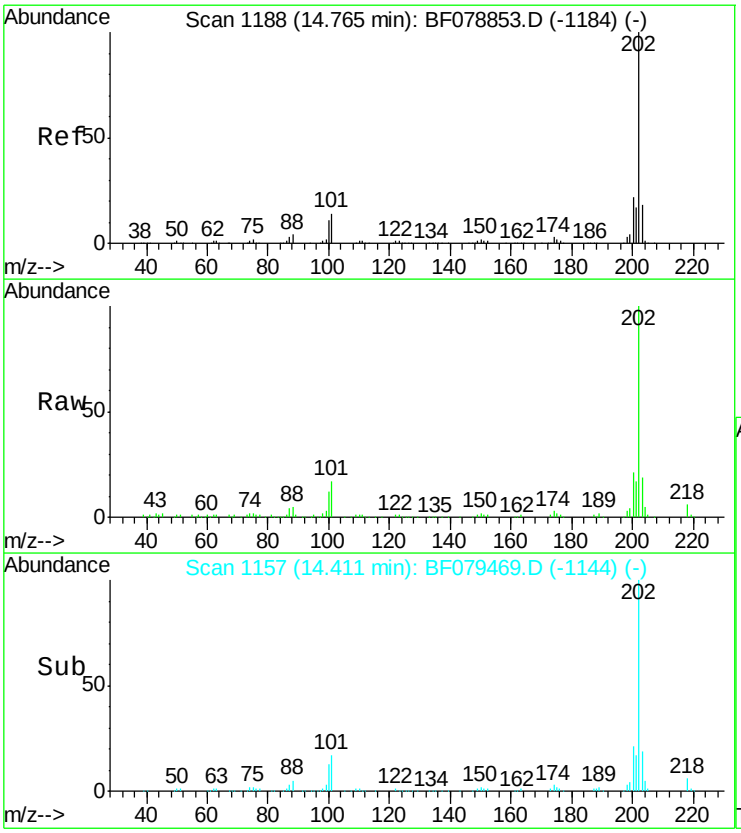
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.92 min Scan# 1289
Delta R.T. 0.01 min
Lab File: BF079469.D
Acq: 23 May 2015 11:16

Instrument :
BNA_F
ClientSampleId :
SW-022

Tgt Ion:240 Resp: 291479

Ion	Ratio	Lower	Upper
240	100		
120	15.7	8.6	12.8#
236	25.6	21.0	31.6

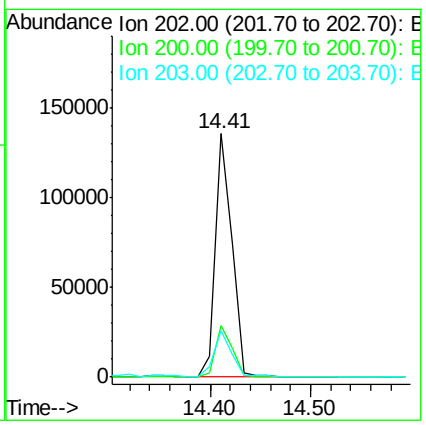


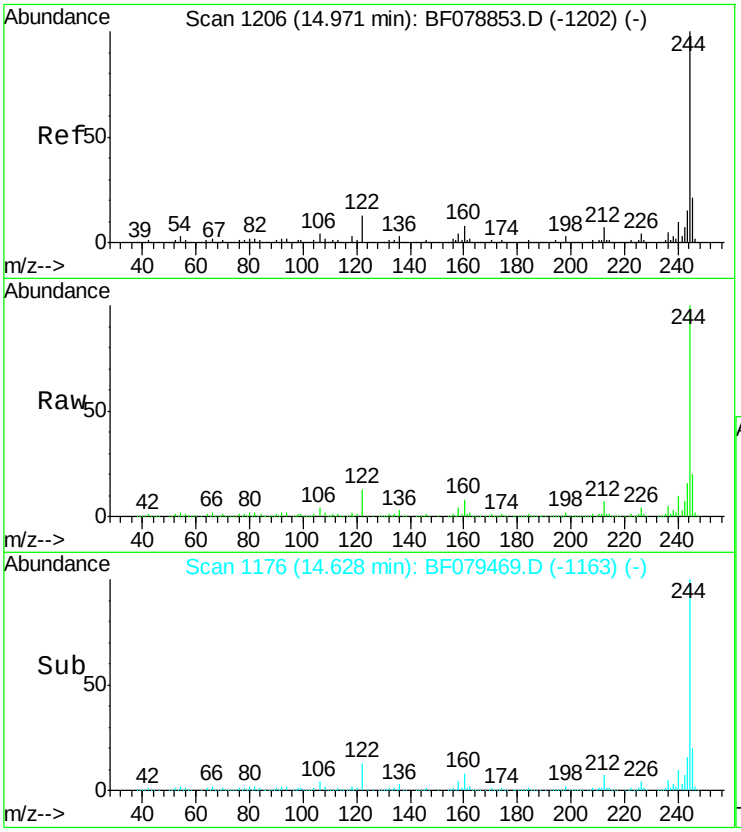


#77
Pyrene
Concen: 9.32 ng
RT: 14.41 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BF079469.D
Acq: 23 May 2015 11:16

Tgt Ion:202 Resp: 156511

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.5	26.3
203	19.2	14.7	22.1



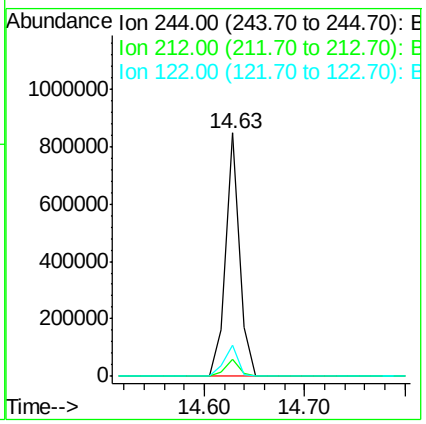


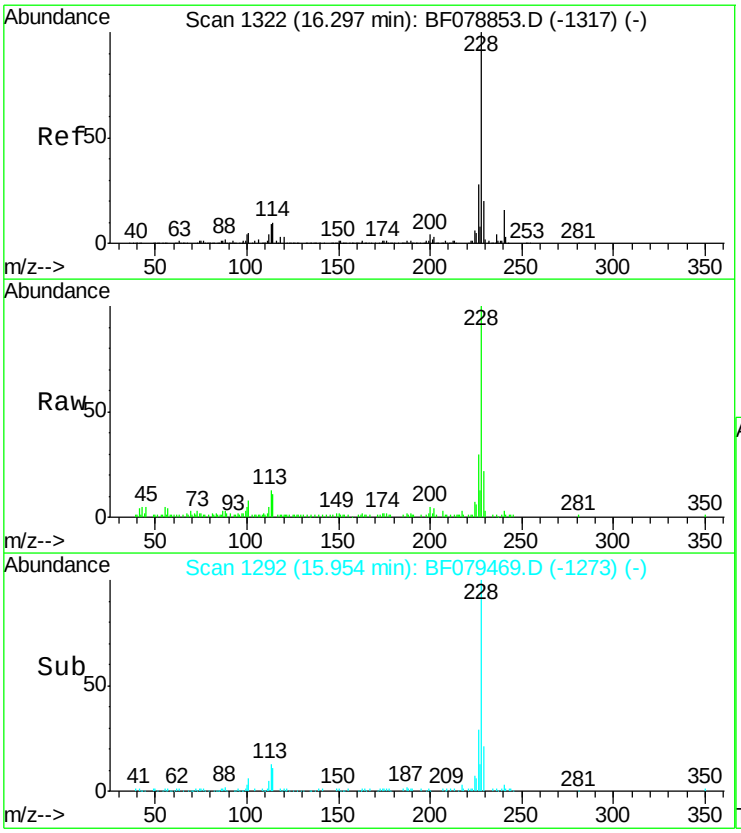
#78
Terphenyl-d14
Concen: 66.86 ng
RT: 14.63 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BF079469.D
Acq: 23 May 2015 11:16

Instrument :
BNA_F
ClientSampleId :
SW-022

Tgt Ion:244 Resp: 814023

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	12.9	10.5	15.7

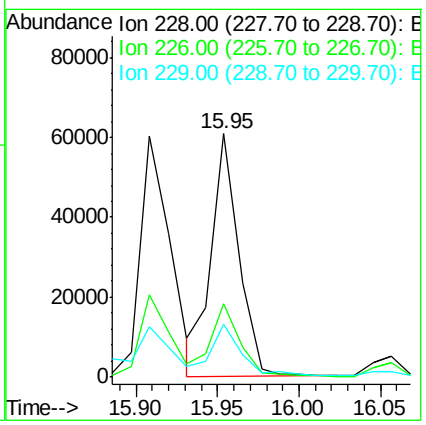


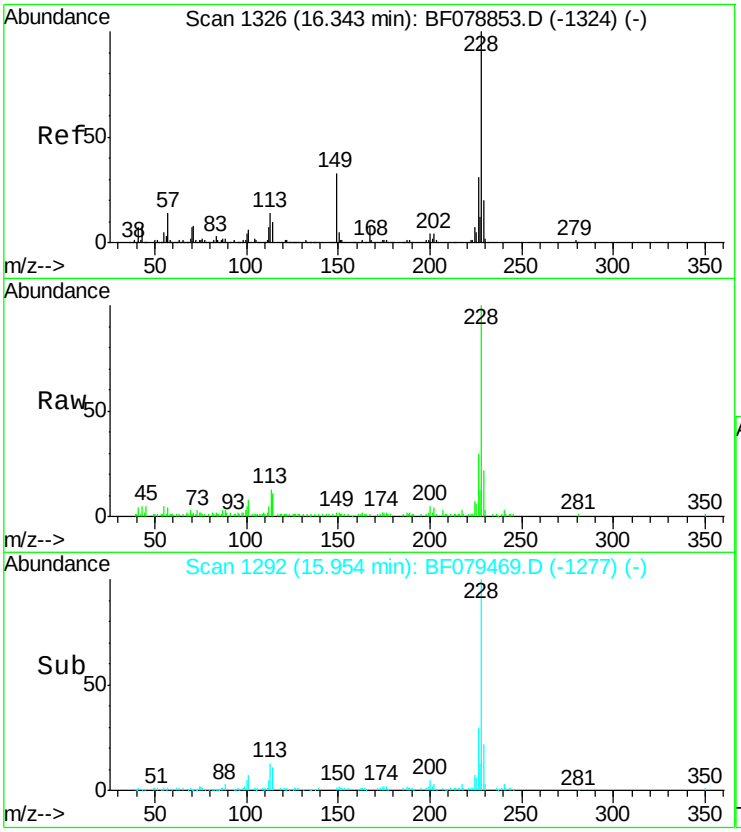


#80
Benzo(a)anthracene
Concen: 4.46 ng
RT: 15.95 min Scan# 1292
Delta R.T. 0.06 min
Lab File: BF079469.D
Acq: 23 May 2015 11:16

Tgt Ion:228 Resp: 71262

Ion	Ratio	Lower	Upper
228	100		
226	30.2	22.3	33.5
229	21.7	16.1	24.1



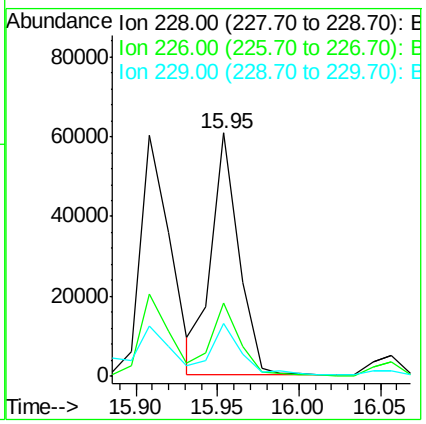


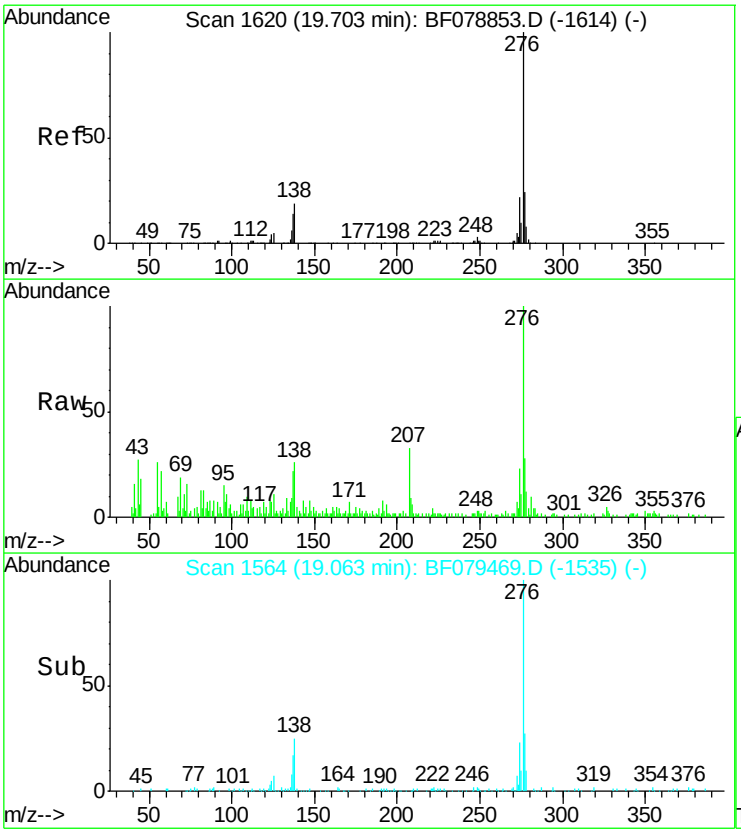
#82
Chrysene
Concen: 4.63 ng
RT: 15.95 min Scan# 1292
Delta R.T. 0.01 min
Lab File: BF079469.D
Acq: 23 May 2015 11:16

Instrument :
BNA_F
ClientSampleId :
SW-022

Tgt Ion:228 Resp: 71023

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.8	37.2
229	21.7	16.1	24.1

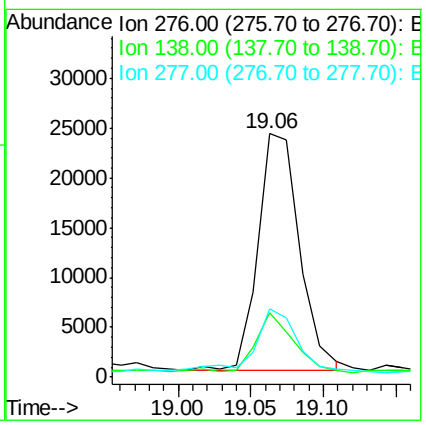


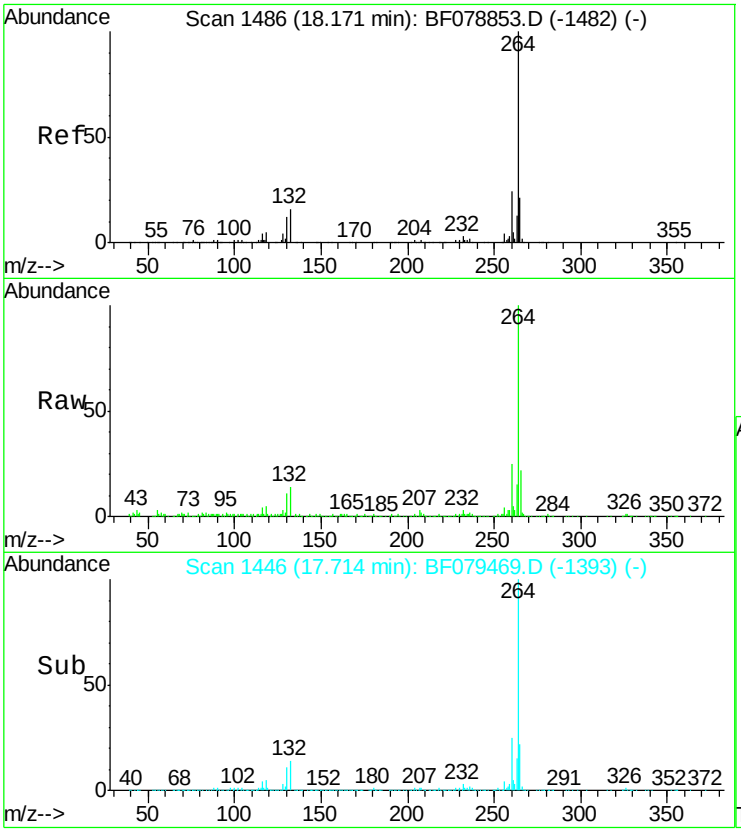


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.42 ng
RT: 19.06 min Scan# 1564
Delta R.T. 0.13 min
Lab File: BF079469.D
Acq: 23 May 2015 11:16

Tgt Ion:276 Resp: 47249

Ion	Ratio	Lower	Upper
276	100		
138	21.9	21.1	31.7
277	27.5	19.9	29.9



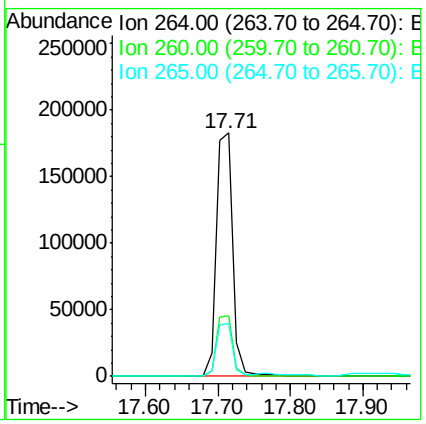


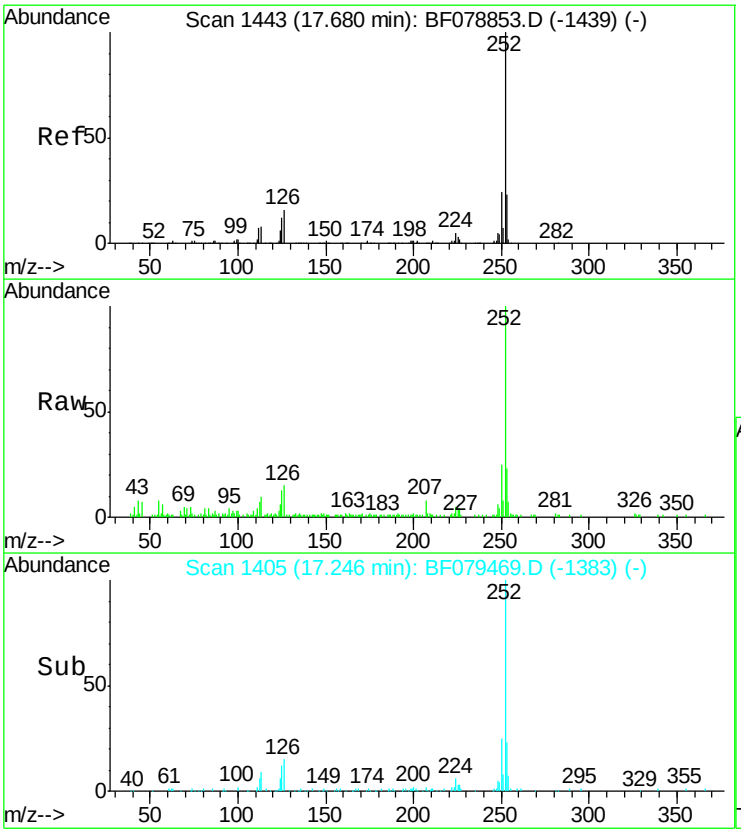
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.71 min Scan# 1446
Delta R.T. 0.10 min
Lab File: BF079469.D
Acq: 23 May 2015 11:16

Instrument :
BNA_F
ClientSampleId :
SW-022

Tgt Ion:264 Resp: 285858

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.8	17.2	25.8

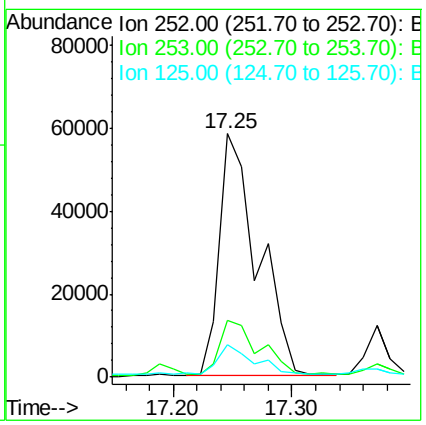


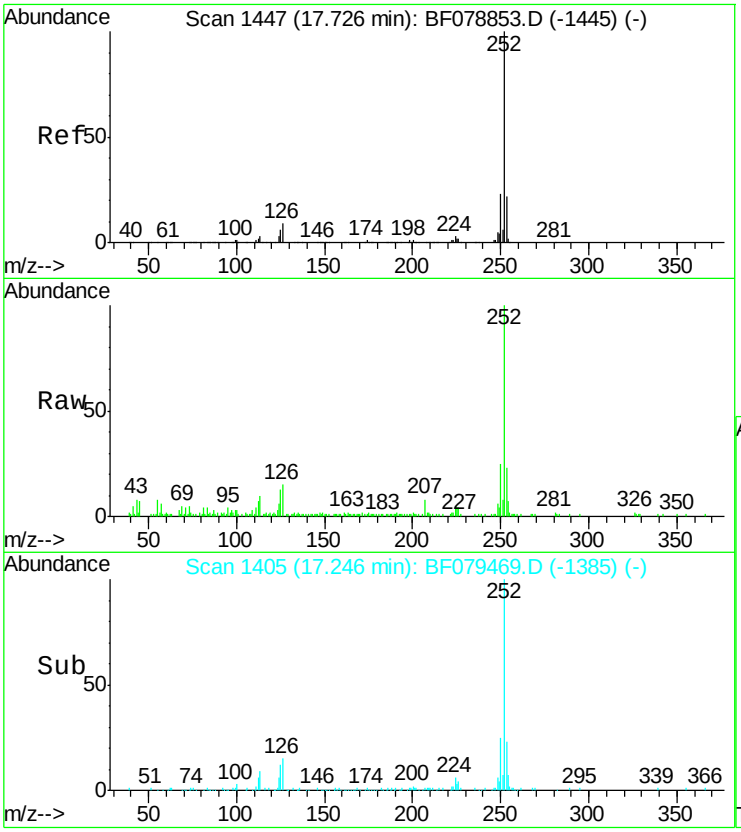


#87
Benzo(b)fluoranthene
Concen: 8.42 ng
RT: 17.25 min Scan# 1405
Delta R.T. 0.07 min
Lab File: BF079469.D
Acq: 23 May 2015 11:16

Tgt Ion:252 Resp: 131789

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	13.3	9.4	14.2



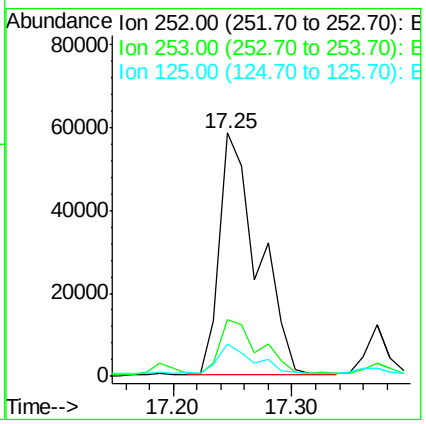


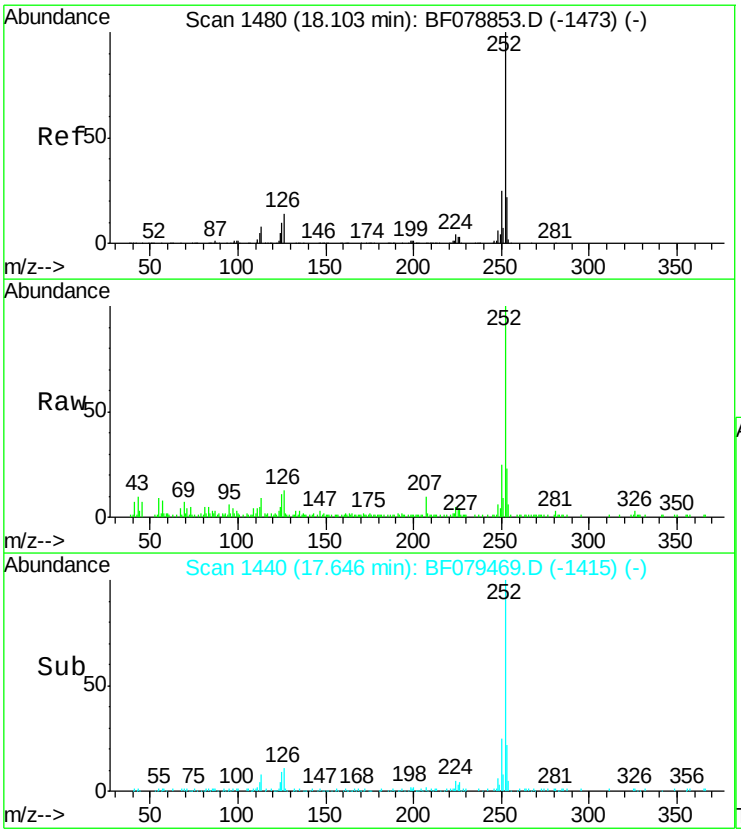
#88
Benzo(k)fluoranthene
Concen: 8.70 ng
RT: 17.25 min Scan# 1405
Delta R.T. 0.05 min
Lab File: BF079469.D
Acq: 23 May 2015 11:16

Instrument :
BNA_F
ClientSampleId :
SW-022

Tgt Ion:252 Resp: 131789

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.4	26.0
125	13.3	6.1	9.1#

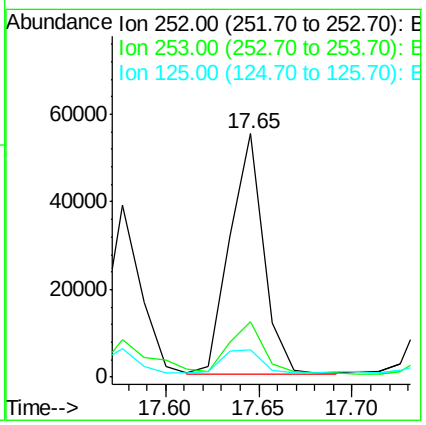


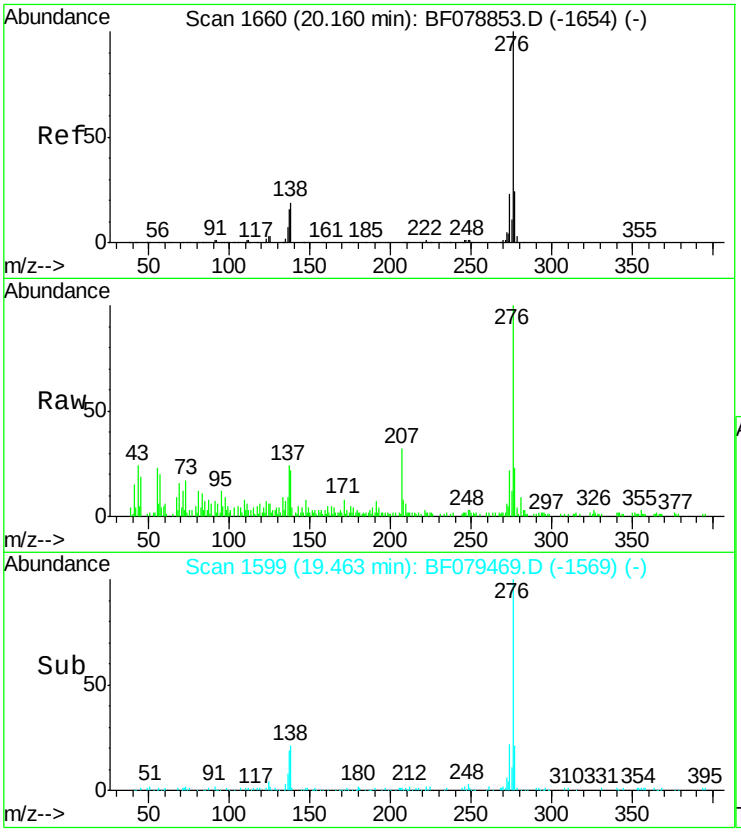


#89
Benzo(a)pyrene
Concen: 4.83 ng
RT: 17.65 min Scan# 1440
Delta R.T. 0.10 min
Lab File: BF079469.D
Acq: 23 May 2015 11:16

Tgt Ion:252 Resp: 69599

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	11.2	8.2	12.2





#91
Benzo(g,h,i)perylene
Concen: 3.17 ng
RT: 19.46 min Scan# 1599
Delta R.T. 0.14 min
Lab File: BF079469.D
Acq: 23 May 2015 11:16

Instrument :
BNA_F
ClientSampleId :
SW-022

Tgt Ion:276 Resp: 48640

Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.8	28.2
138	22.2	15.2	22.8