Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042115\
Data File : BF078691.D
Acq On : 21 Apr 2015 19:03
Operator : TP/IZ
Sample : G1938-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-67S

Quant Time: Apr 22 02:26:28 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 22 00:52:13 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.82	152	35703	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	148563	20.00	ng		-0.01
38) Acenaphthene-d10	11.16	164	76448	20.00	ng		-0.01
63) Phenanthrene-d10	13.90	188	145851	20.00	ng		-0.01
75) Chrysene-d12	17.77	240	159616	20.00	ng		-0.01
86) Perylene-d12	19.46	264	156176	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	3.84	112	244508	112.91	ng		0.01
7) Phenol-d6	5.32	99	308100	113.53	ng		0.00
23) Nitrobenzene-d5	6.75	82	183819	75.00	ng		-0.01
41) 2,4,6-Tribromophenol	12.64	330	78484	123.79	ng		-0.01
44) 2-Fluorobiphenyl	9.99	172	376840	70.46	ng		-0.01
78) Terphenyl-d14	16.43	244	411815	58.30	ng		0.00
Target Compounds							Qvalue
49) Dimethylphthalate	10.80	163	15089	2.63	ng		99
55) 4-Nitrophenol	11.55	139	290	3.05	ng	#	18
70) Phenanthrene	13.94	178	21374	2.53	ng		99
74) Fluoranthene	15.83	202	36621	4.12	ng		96
77) Pyrene	16.14	202	34573	3.45	ng	#	96
82) Chrysene	17.76	228	18708	2.10	ng		94
87) Benzo(b)fluoranthene	19.04	252	33731	3.49	ng	#	90
88) Benzo(k)fluoranthene	19.04	252	33731	3.93	ng		96
89) Benzo(a)pyrene	19.39	252	17958	2.13	ng	#	88

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042115\
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Acq On : 21 Apr 2015 19:03
Operator : TP/IZ
Sample : G1938-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
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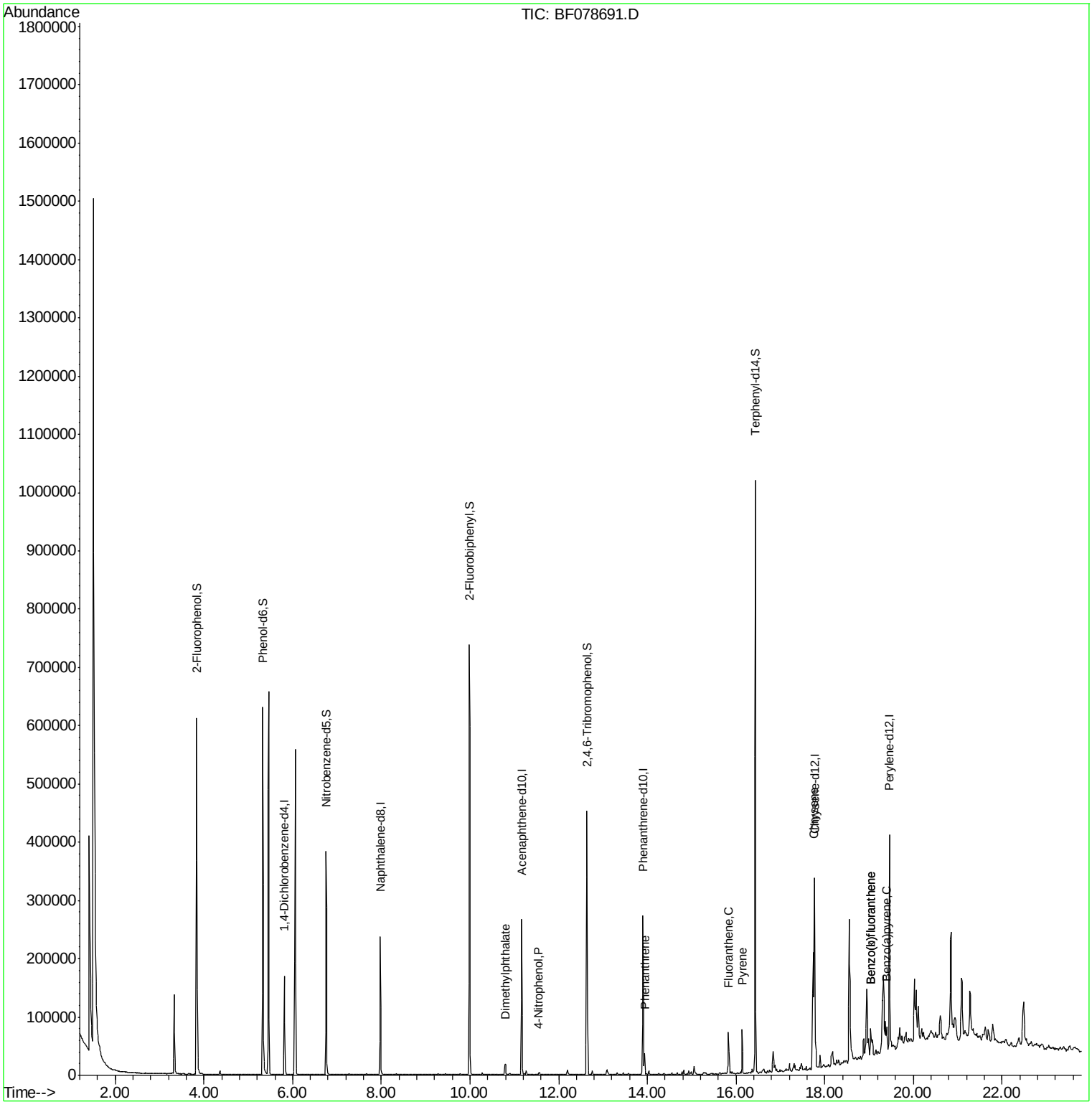
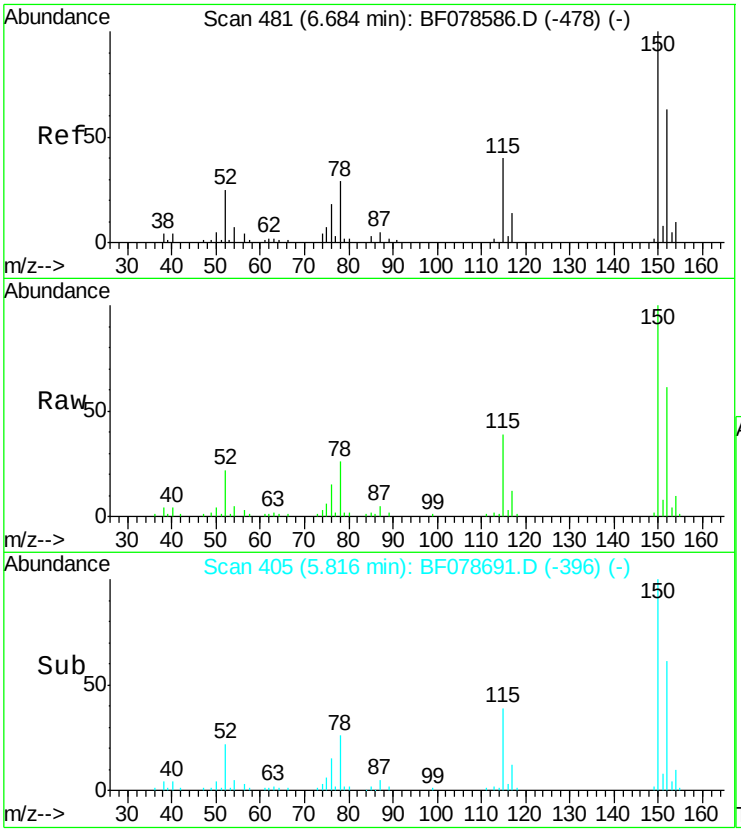


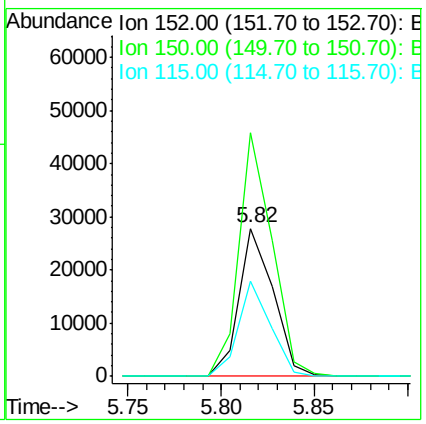


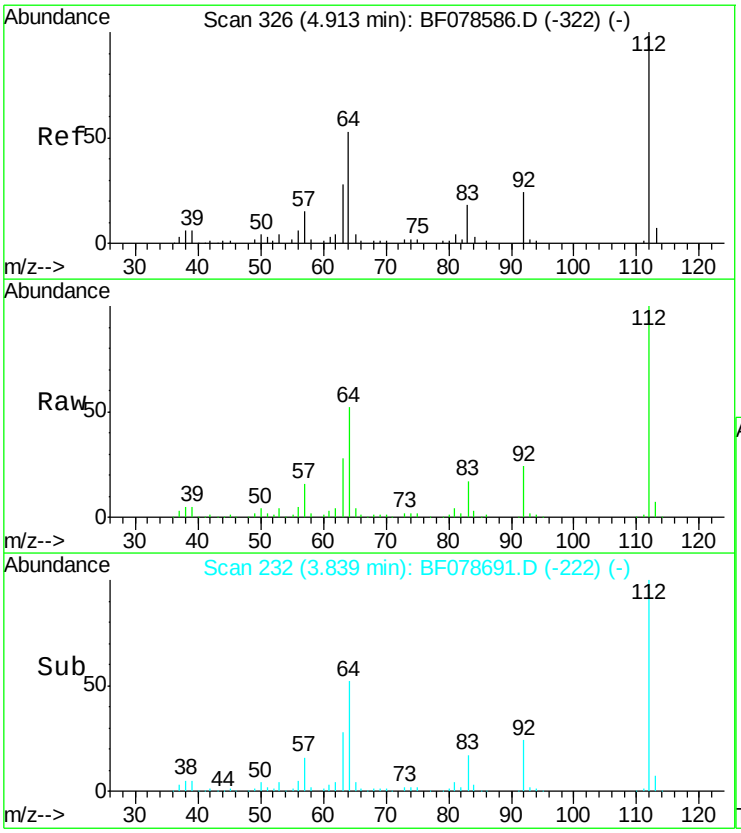
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.82 min Scan# 405
Delta R.T. -0.00 min
Lab File: BF078691.D
Acq: 21 Apr 2015 19:03

Instrument :
BNA_F
ClientSampleId :
SB-67S

Tgt Ion:152 Resp: 35703

Ion	Ratio	Lower	Upper
152	100		
150	164.3	125.9	188.9
115	64.0	52.7	79.1

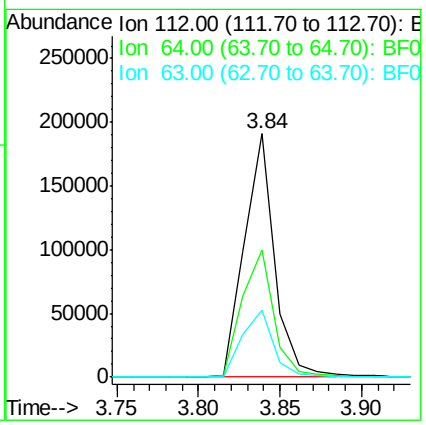


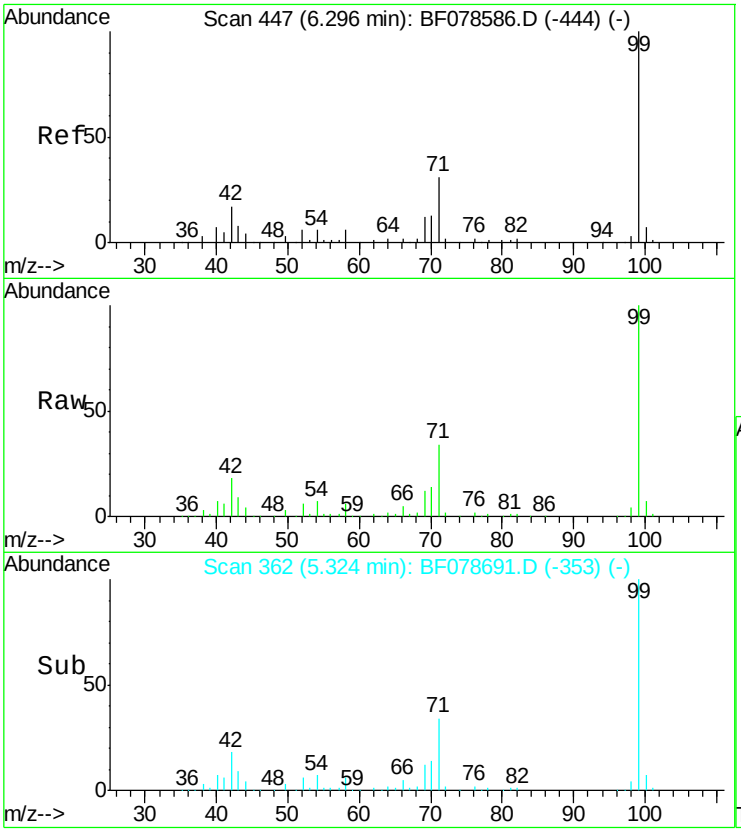


#5
2-Fluorophenol
Concen: 112.91 ng
RT: 3.84 min Scan# 232
Delta R.T. 0.01 min
Lab File: BF078691.D
Acq: 21 Apr 2015 19:03

Tgt Ion:112 Resp: 244508

Ion	Ratio	Lower	Upper
112	100		
64	52.4	39.9	59.9
63	27.5	20.2	30.4



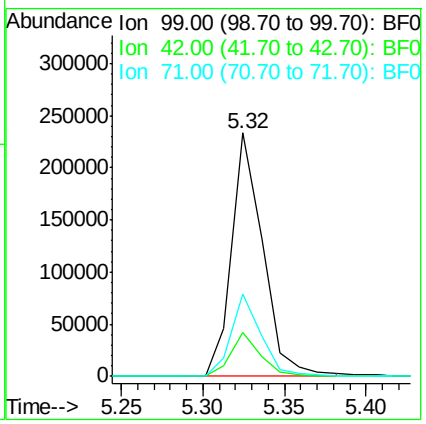


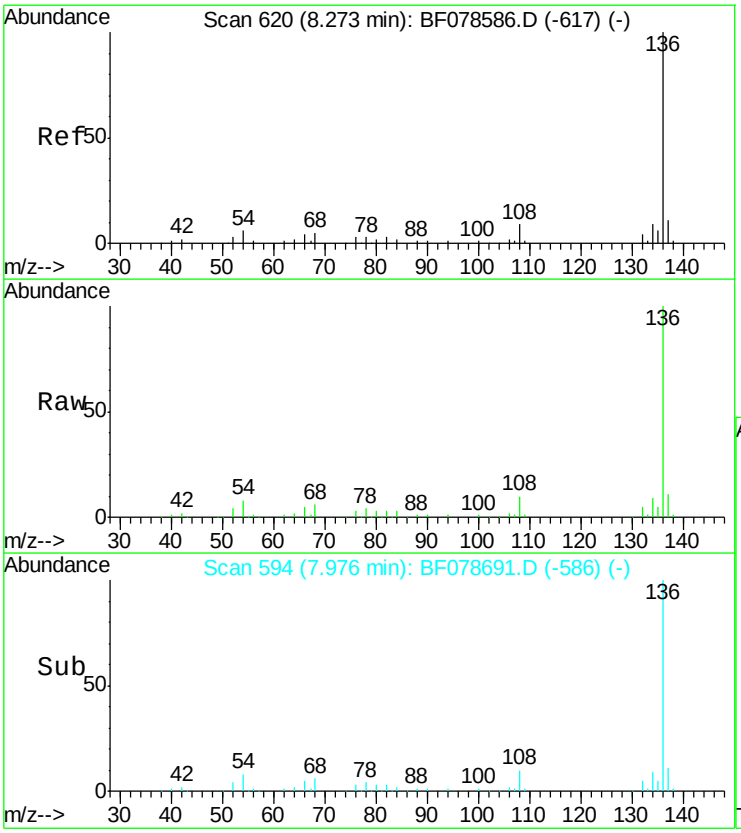
#7
Phenol-d6
Concen: 113.53 ng
RT: 5.32 min Scan# 362
Delta R.T. -0.00 min
Lab File: BF078691.D
Acq: 21 Apr 2015 19:03

Instrument :
BNA_F
ClientSampleId :
SB-67S

Tgt Ion: 99 Resp: 308100

Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.8	22.2
71	33.9	26.6	39.8

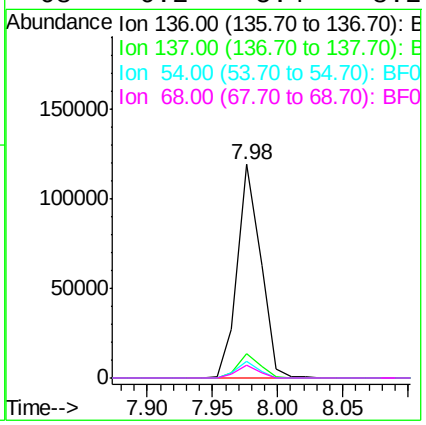


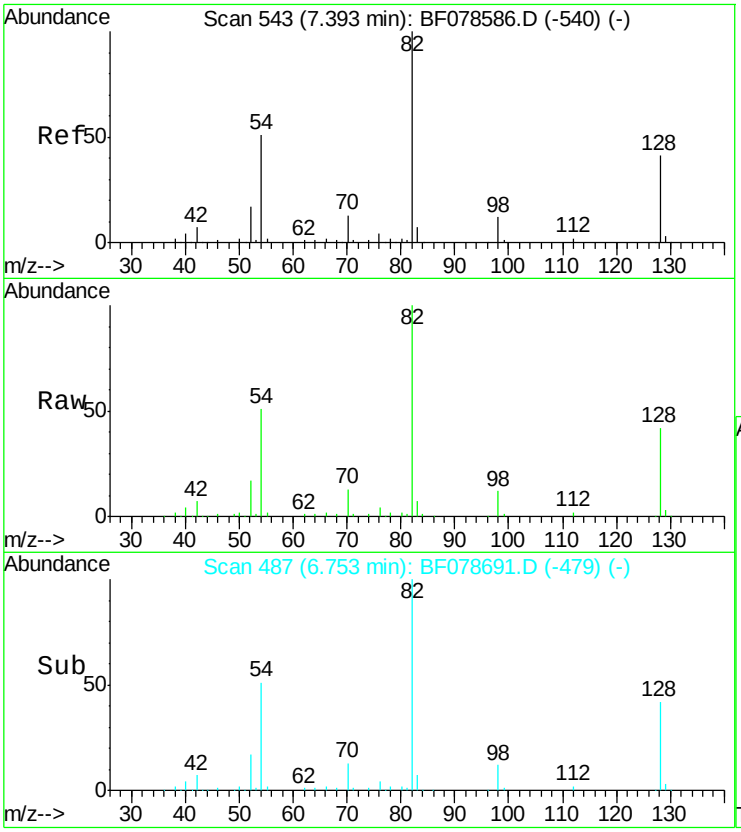


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF078691.D
Acq: 21 Apr 2015 19:03

Tgt Ion:136 Resp: 148563

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	7.9	7.0	10.6
68	6.2	5.4	8.2



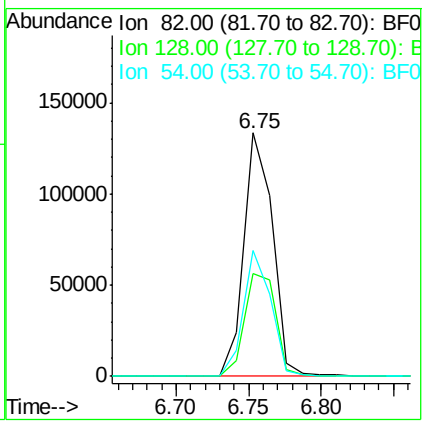


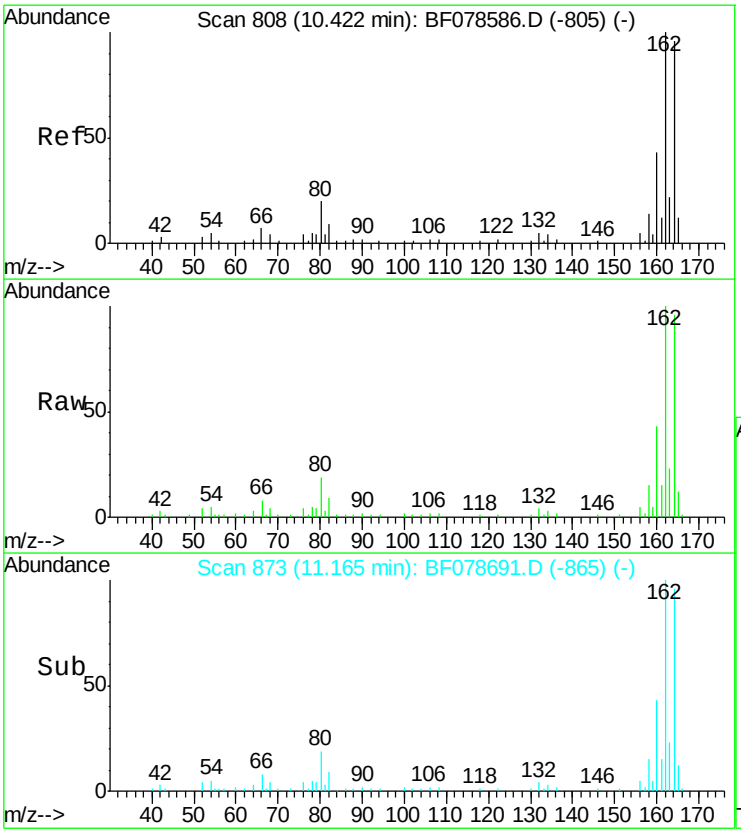
#23
Nitrobenzene-d5
Concen: 75.00 ng
RT: 6.75 min Scan# 487
Delta R.T. -0.01 min
Lab File: BF078691.D
Acq: 21 Apr 2015 19:03

Instrument :
BNA_F
ClientSampleId :
SB-67S

Tgt Ion: 82 Resp: 183819

Ion	Ratio	Lower	Upper
82	100		
128	42.1	31.8	47.8
54	51.4	41.5	62.3

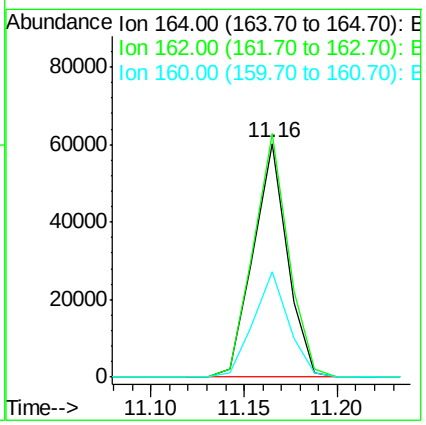


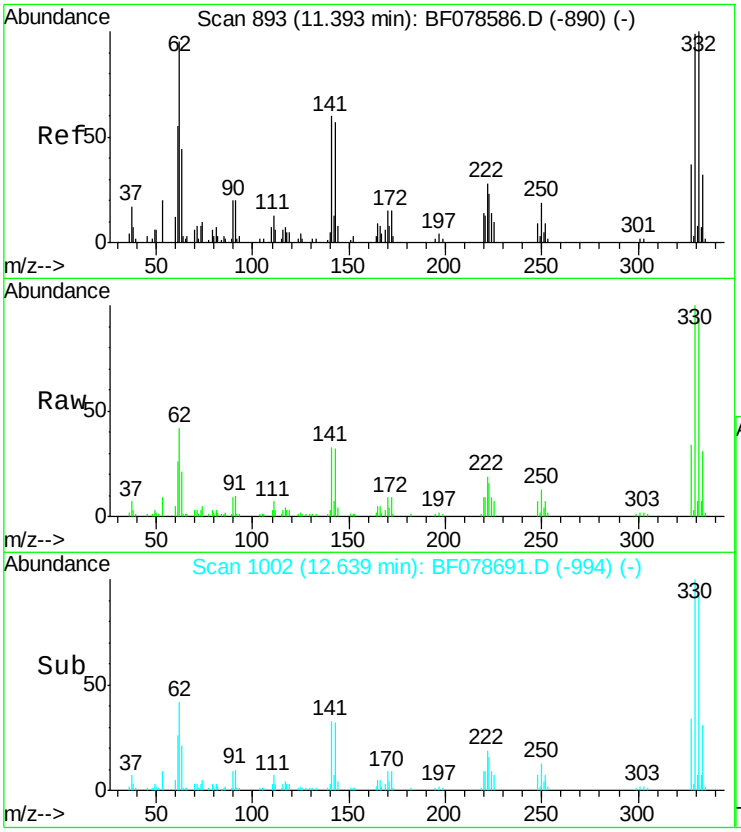


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF078691.D
Acq: 21 Apr 2015 19:03

Tgt Ion:164 Resp: 76448

Ion	Ratio	Lower	Upper
164	100		
162	104.0	82.2	123.2
160	45.1	34.7	52.1



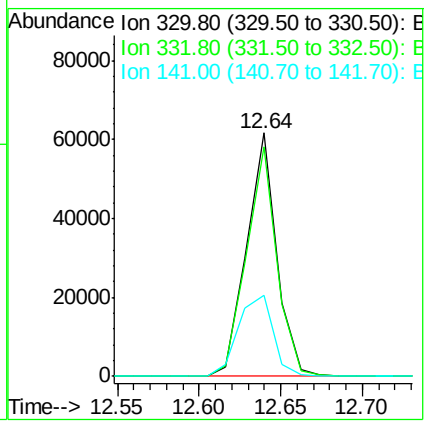


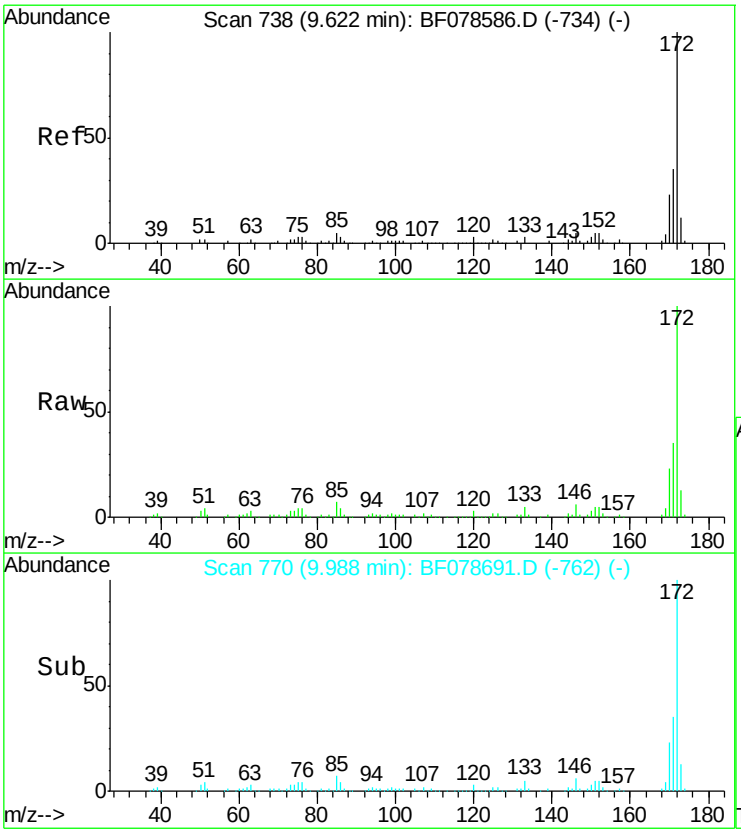
#41
2,4,6-Tribromophenol
Concen: 123.79 ng
RT: 12.64 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF078691.D
Acq: 21 Apr 2015 19:03

Instrument :
BNA_F
ClientSampleId :
SB-67S

Tgt Ion:330 Resp: 78484

Ion	Ratio	Lower	Upper
330	100		
332	95.7	78.6	117.8
141	38.9	31.2	46.8

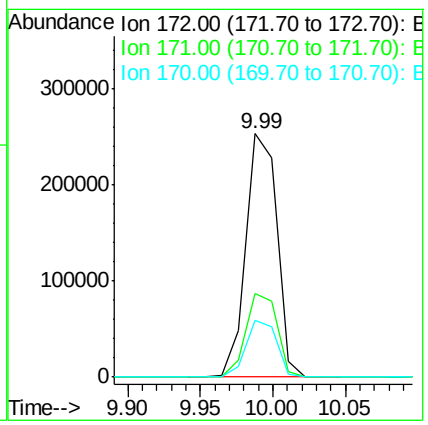


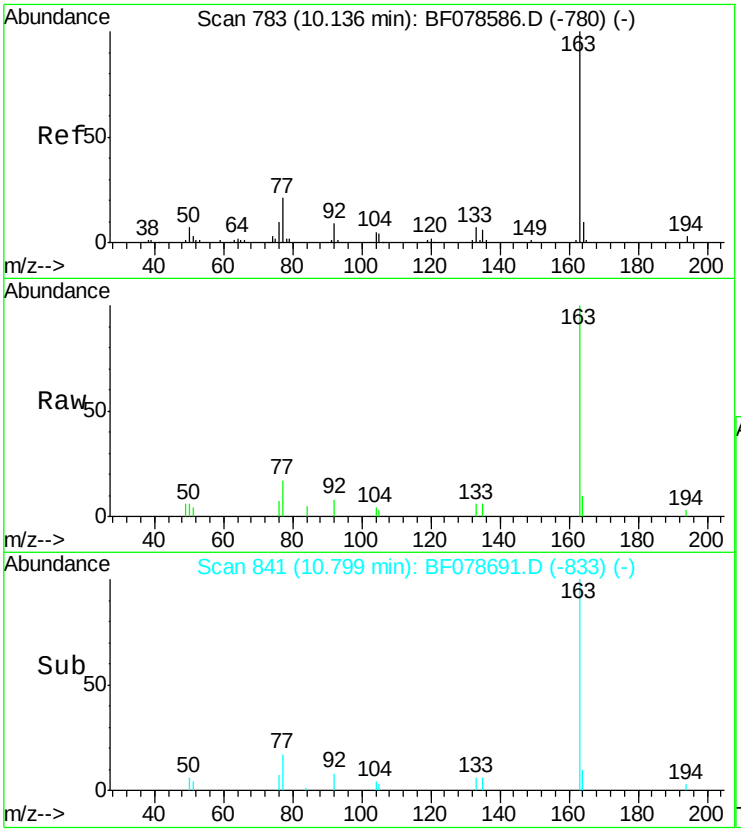


#44
2-Fluorobiphenyl
Concen: 70.46 ng
RT: 9.99 min Scan# 770
Delta R.T. -0.01 min
Lab File: BF078691.D
Acq: 21 Apr 2015 19:03

Tgt Ion:172 Resp: 376840

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.6	42.8
170	23.2	18.5	27.7



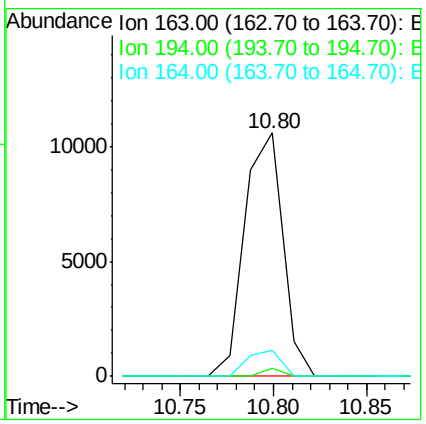


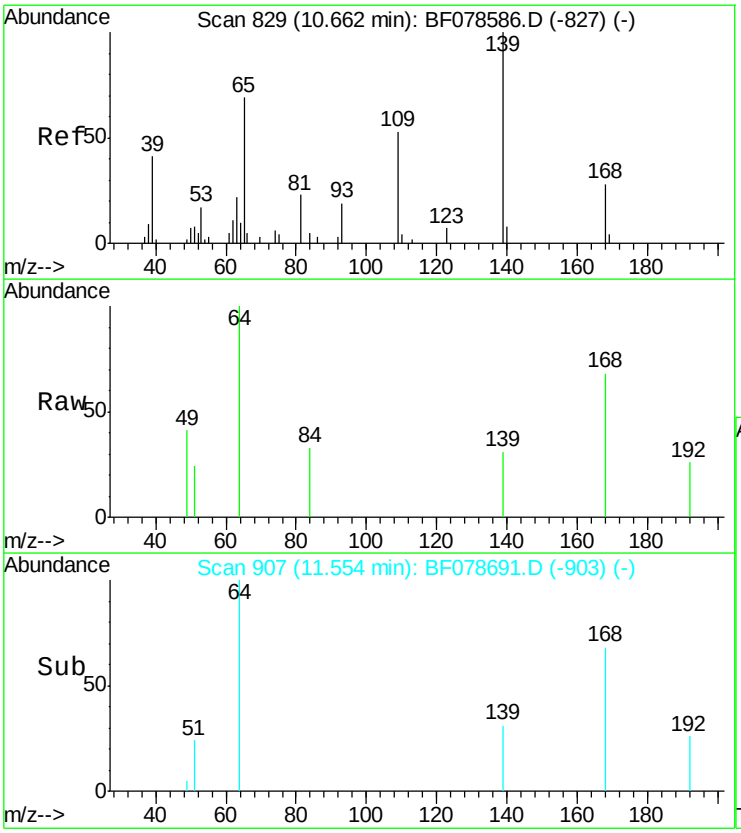
#49
Dimethylphthalate
Concen: 2.63 ng
RT: 10.80 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF078691.D
Acq: 21 Apr 2015 19:03

Instrument :
BNA_F
ClientSampleId :
SB-67S

Tgt Ion:163 Resp: 15089

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.3	3.5
164	10.5	8.6	13.0

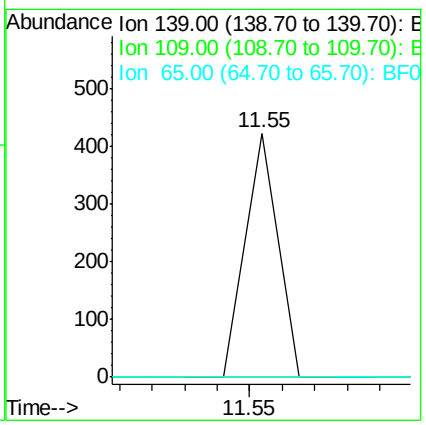


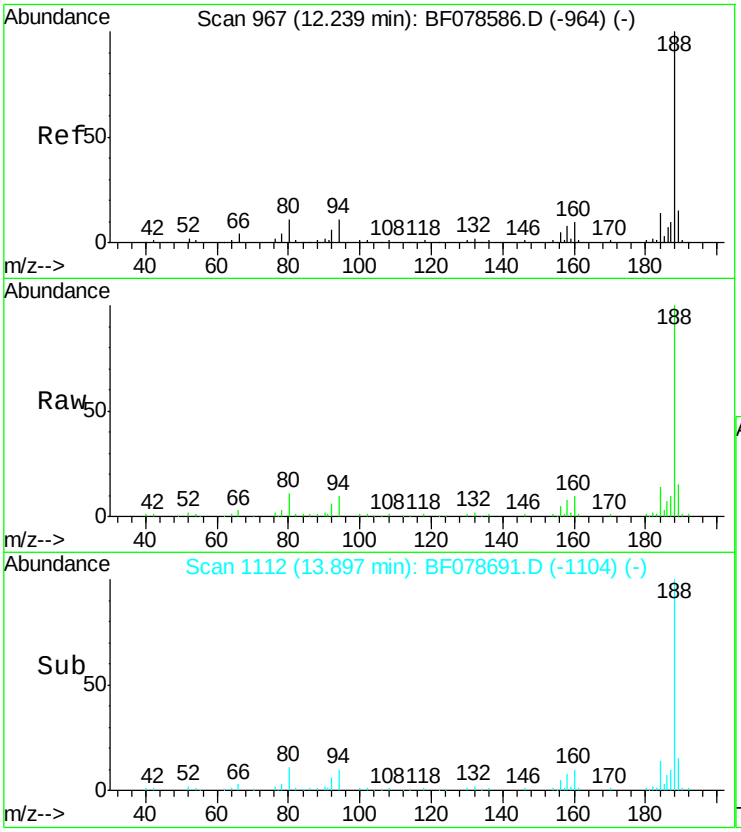


#55
4-Nitrophenol
Concen: 3.05 ng
RT: 11.55 min Scan# 907
Delta R.T. -0.06 min
Lab File: BF078691.D
Acq: 21 Apr 2015 19:03

Tgt Ion:139 Resp: 290

Ion	Ratio	Lower	Upper
139	100		
109	0.0	36.7	76.7#
65	0.0	49.9	89.9#



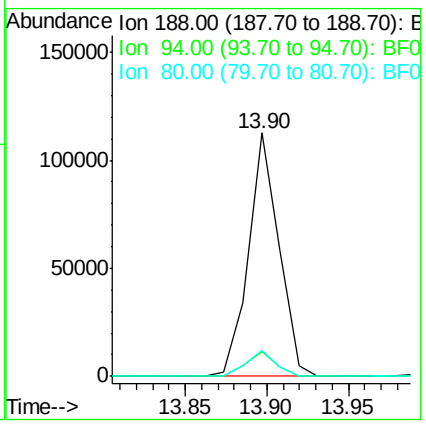


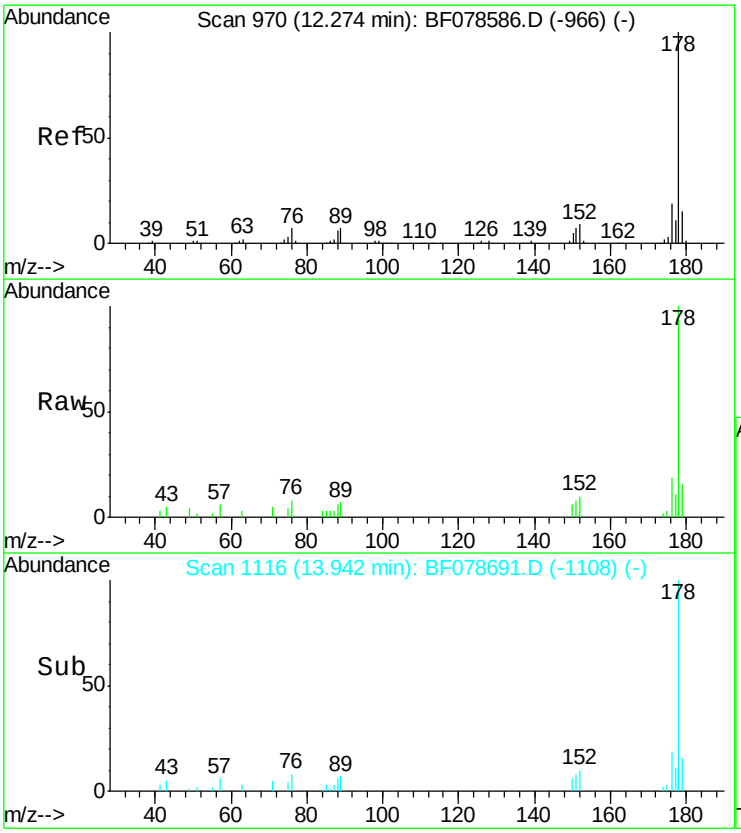
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.90 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BF078691.D
Acq: 21 Apr 2015 19:03

Instrument :
BNA_F
ClientSampleId :
SB-67S

Tgt Ion:188 Resp: 145851

Ion	Ratio	Lower	Upper
188	100		
94	9.9	9.0	13.4
80	10.8	9.5	14.3

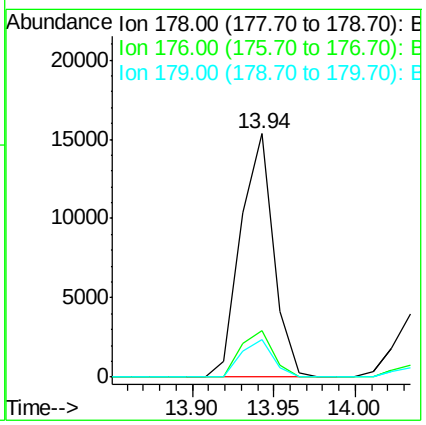


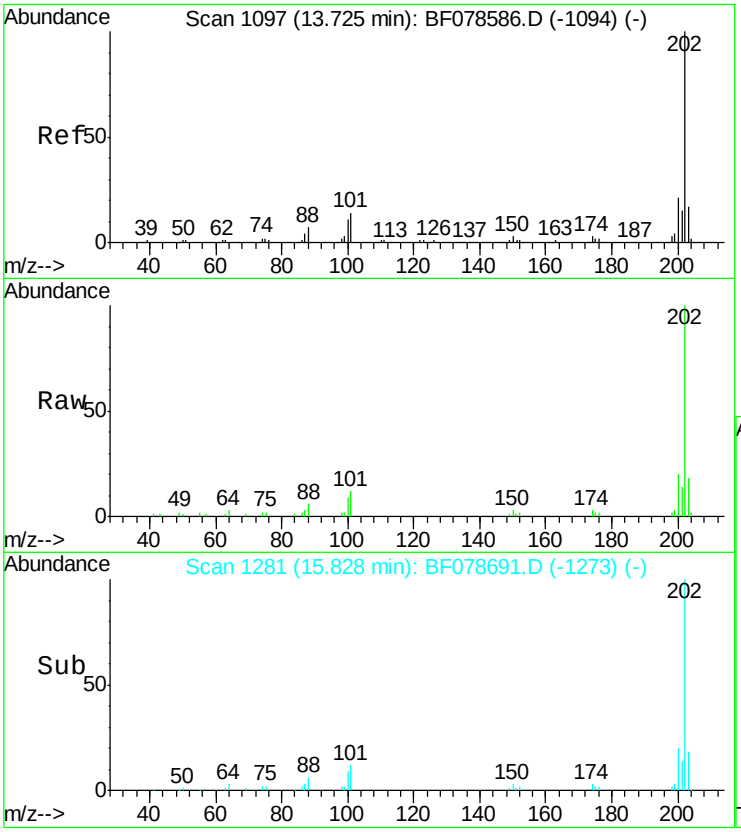


#70
Phenanthrene
Concen: 2.53 ng
RT: 13.94 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BF078691.D
Acq: 21 Apr 2015 19:03

Tgt Ion:178 Resp: 21374

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.0
179	15.6	12.2	18.2



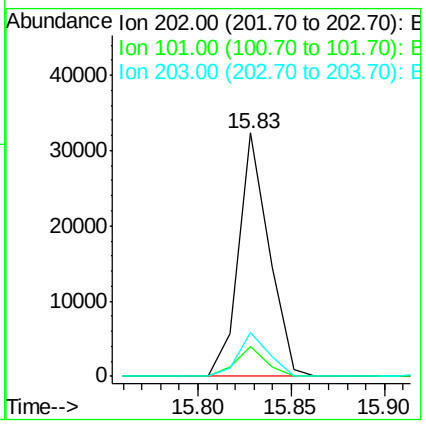


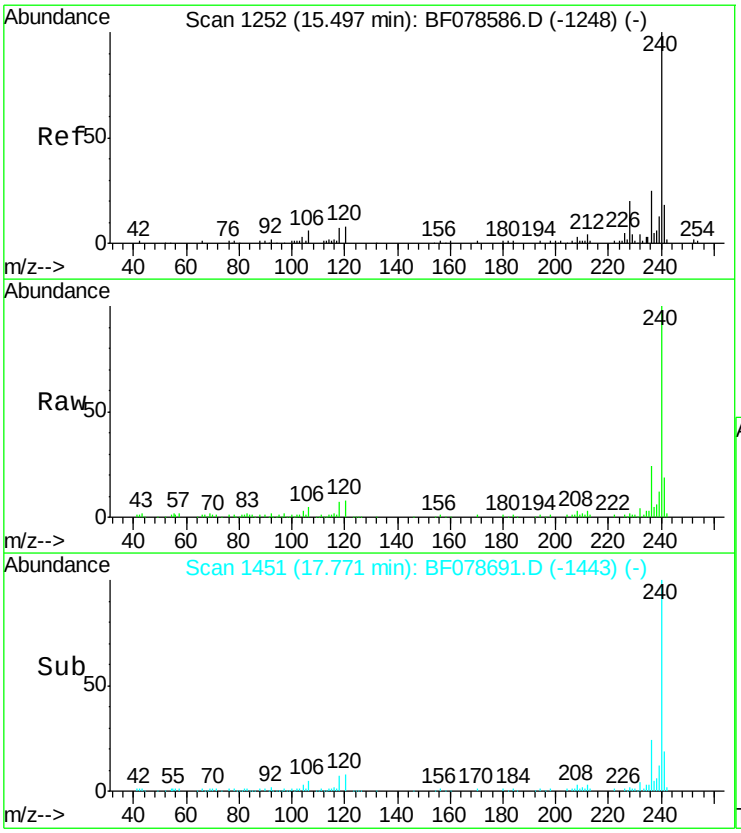
#74
Fluoranthene
Concen: 4.12 ng
RT: 15.83 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF078691.D
Acq: 21 Apr 2015 19:03

Instrument :
BNA_F
ClientSampleId :
SB-67S

Tgt Ion:202 Resp: 36621

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	35.2
203	18.2	0.0	38.5

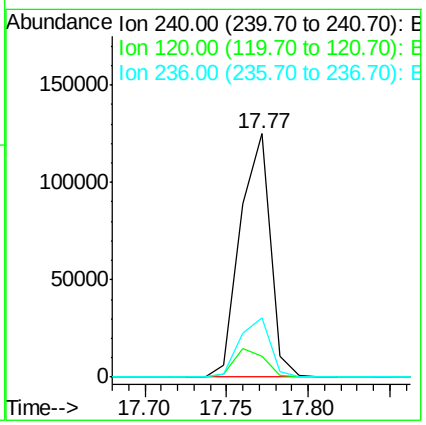


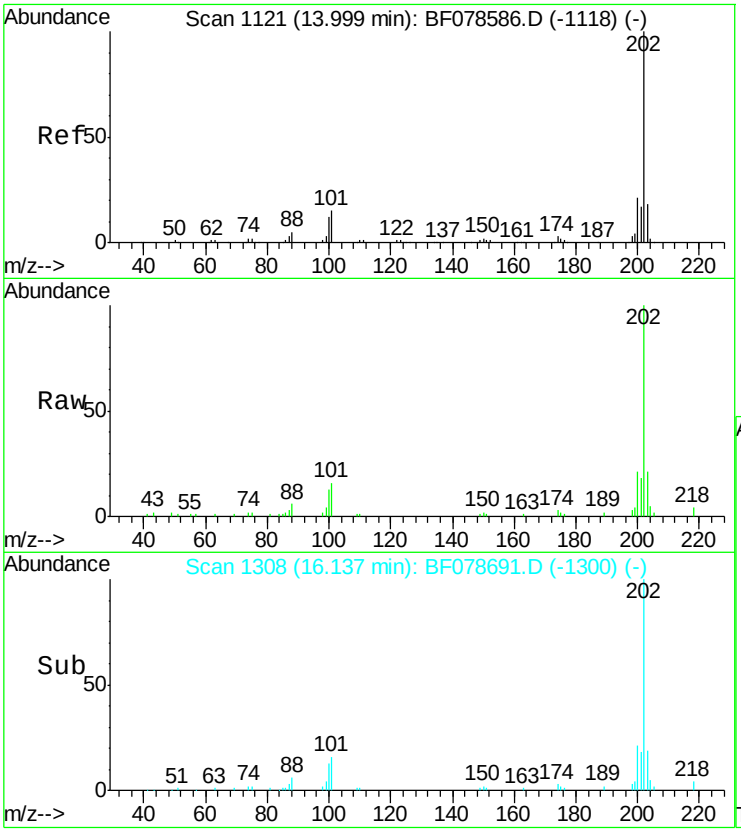


#75
Chrysene-d12
Concen: 20.00 ng
RT: 17.77 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF078691.D
Acq: 21 Apr 2015 19:03

Tgt Ion:240 Resp: 159616

Ion	Ratio	Lower	Upper
240	100		
120	8.5	7.1	10.7
236	24.5	21.4	32.2



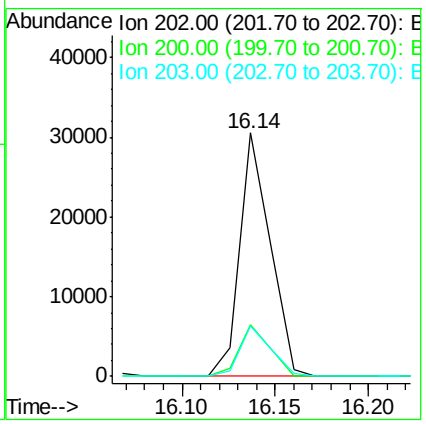


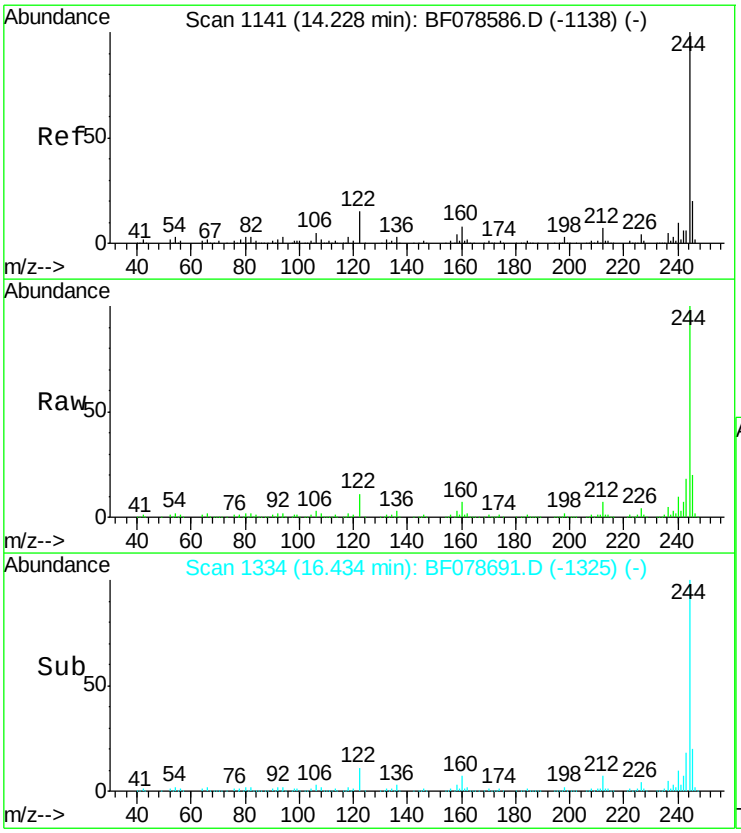
#77
Pyrene
Concen: 3.45 ng
RT: 16.14 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF078691.D
Acq: 21 Apr 2015 19:03

Instrument :
BNA_F
ClientSampleId :
SB-67S

Tgt Ion:202 Resp: 34573

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.3	24.5
203	20.7	13.8	20.6#

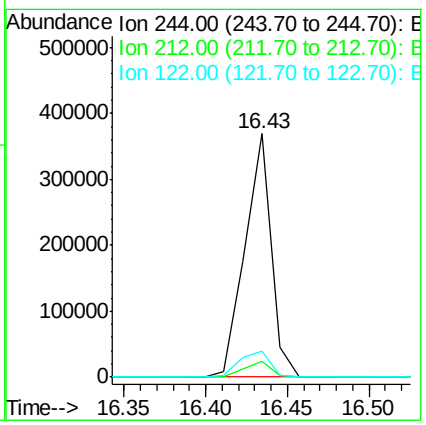


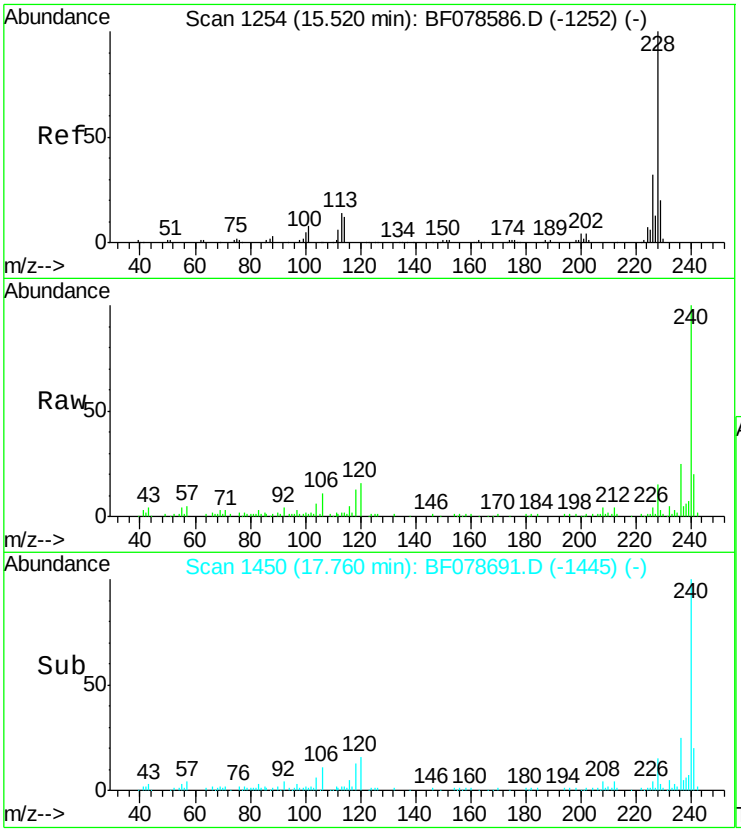


#78
Terphenyl-d14
Concen: 58.30 ng
RT: 16.43 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF078691.D
Acq: 21 Apr 2015 19:03

Tgt Ion:244 Resp: 411815

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.0	7.4
122	10.7	7.1	10.7



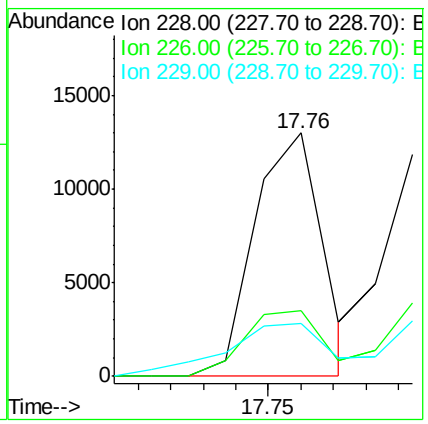


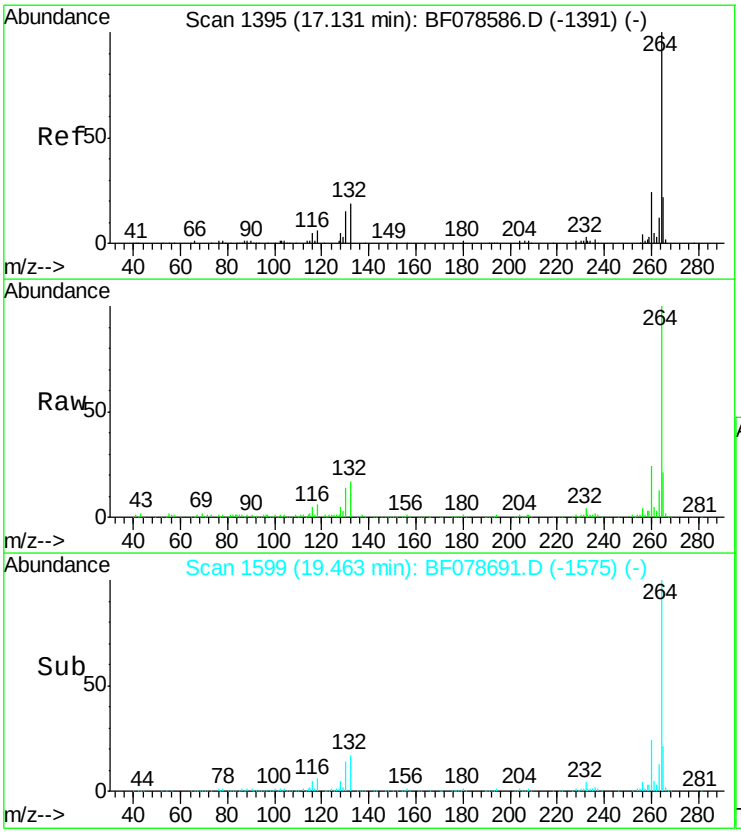
#82
Chrysene
Concen: 2.10 ng
RT: 17.76 min Scan# 1450
Delta R.T. -0.05 min
Lab File: BF078691.D
Acq: 21 Apr 2015 19:03

Instrument :
BNA_F
ClientSampleId :
SB-67S

Tgt Ion:228 Resp: 18708

Ion	Ratio	Lower	Upper
228	100		
226	27.0	24.2	36.4
229	22.0	15.8	23.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 19.46 min Scan# 1599
Delta R.T. -0.02 min
Lab File: BF078691.D
Acq: 21 Apr 2015 19:03

Tgt Ion:264 Resp: 156176

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.6	27.8
265	21.2	17.0	25.6