Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041715\
Data File : BF078632.D
Acq On : 18 Apr 2015 9:01
Operator : TP/IZ
Sample : G1902-03 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SB19A

Quant Time: Apr 20 00:57:29 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 18 05:04:14 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	30645	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	130490	20.00	ng		0.00
38) Acenaphthene-d10	10.40	164	69403	20.00	ng		-0.01
63) Phenanthrene-d10	12.22	188	144119	20.00	ng		0.00
75) Chrysene-d12	15.46	240	174443	20.00	ng		0.00
86) Perylene-d12	17.15	264	178922	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.90	112	32469	17.47	ng		0.00
7) Phenol-d6	6.28	99	45101	19.36	ng		0.00
23) Nitrobenzene-d5	7.38	82	25830	12.00	ng		0.00
41) 2,4,6-Tribromophenol	11.38	330	12524	21.76	ng		0.00
44) 2-Fluorobiphenyl	9.60	172	57625	11.87	ng		0.00
78) Terphenyl-d14	14.21	244	78993	10.23	ng		0.00
Target Compounds							Qvalue
74) Fluoranthene	13.70	202	111408	12.67	ng		97
77) Pyrene	13.98	202	188984	17.26	ng		98
80) Benzo(a)anthracene	15.50	228	46060	4.44	ng		95
82) Chrysene	15.50	228	66769	6.85	ng		97
85) Indeno(1,2,3-cd)pyrene	18.33	276	50799	4.59	ng	#	89
87) Benzo(b)fluoranthene	16.72	252	172636	15.61	ng	#	97
88) Benzo(k)fluoranthene	16.72	252	172886	17.59	ng		98
89) Benzo(a)pyrene	17.09	252	73582	7.62	ng	#	93
91) Benzo(g,h,i)perylene	18.65	276	46366	4.79	ng		99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041715\
Data File : BF078632.D
Acq On : 18 Apr 2015 9:01
Operator : TP/IZ
Sample : G1902-03 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LS-SB19A

Quant Time: Apr 20 00:57:29 2015
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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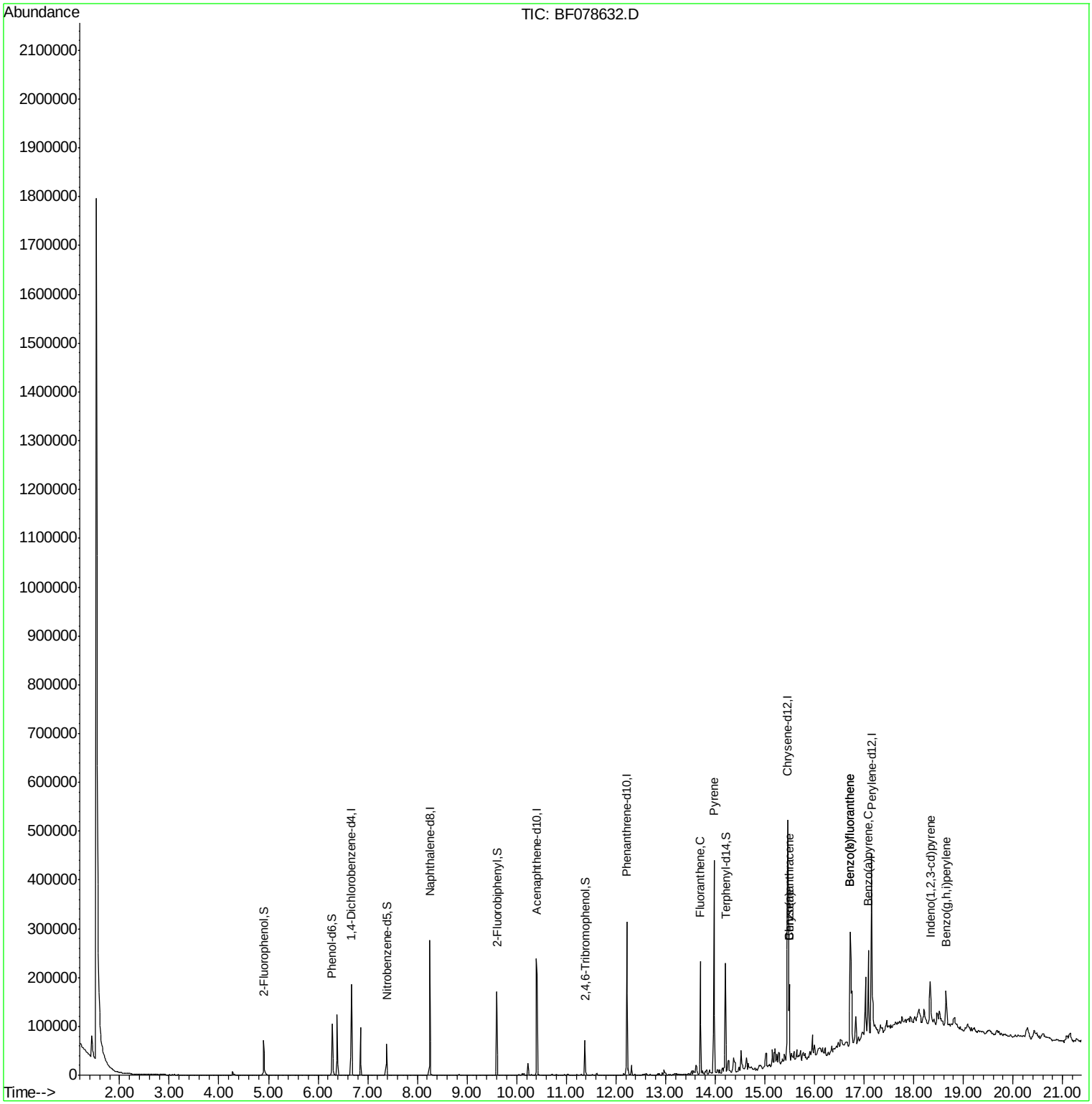
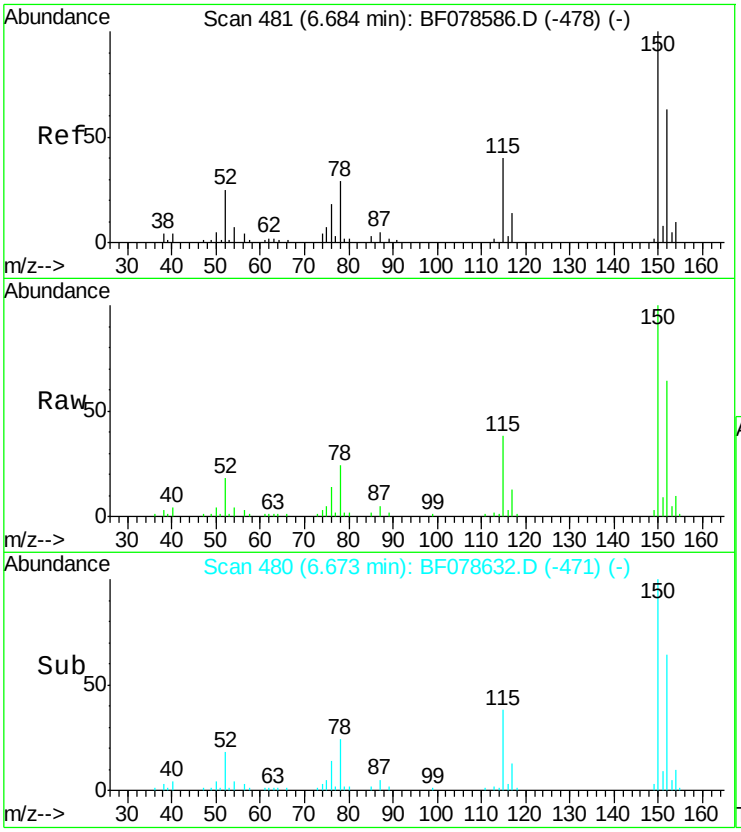


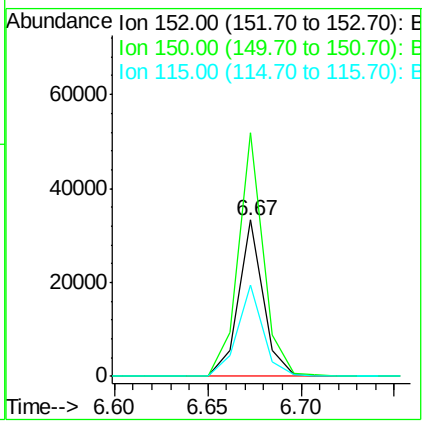


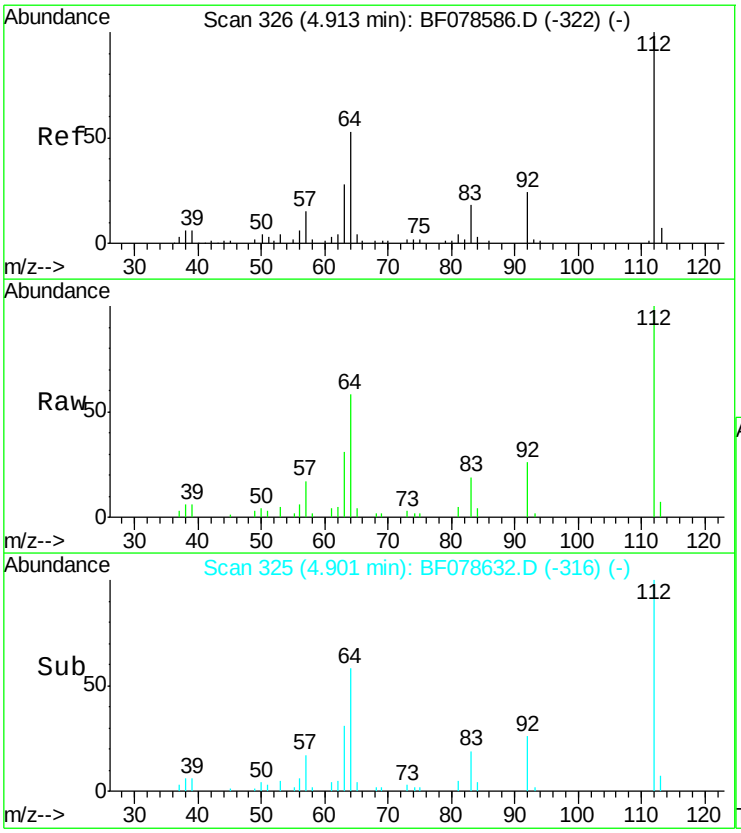
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.67 min Scan# 480
Delta R.T. -0.00 min
Lab File: BF078632.D
Acq: 18 Apr 2015 9:01

Instrument :
BNA_F
ClientSampleId :
LS-SB19A

Tgt Ion:152 Resp: 30645

Ion	Ratio	Lower	Upper
152	100		
150	155.8	125.9	188.9
115	58.5	52.7	79.1

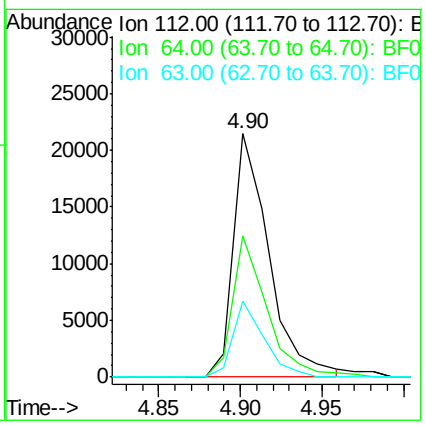


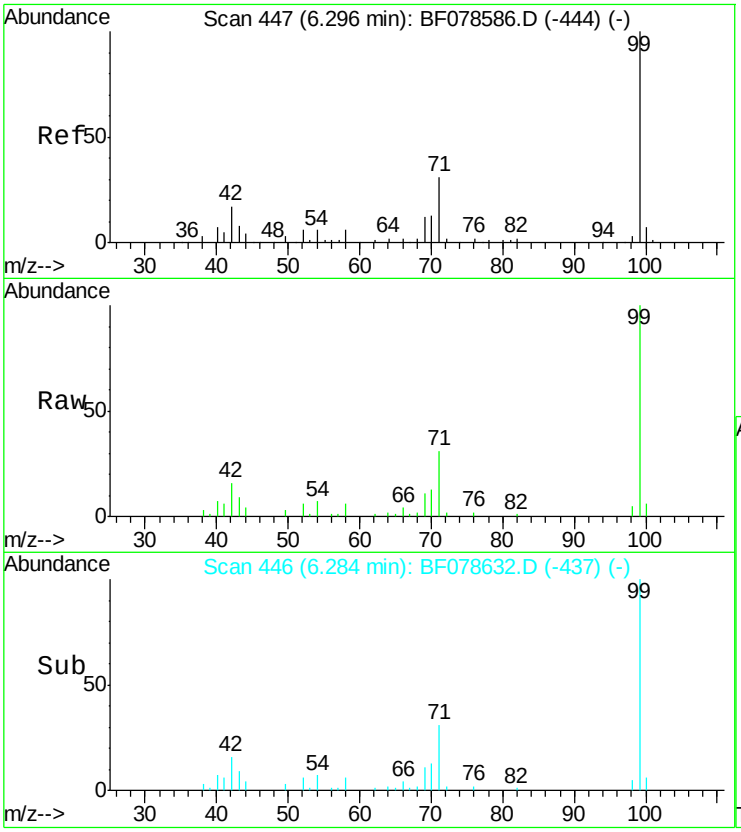


#5
2-Fluorophenol
Concen: 17.47 ng
RT: 4.90 min Scan# 325
Delta R.T. -0.00 min
Lab File: BF078632.D
Acq: 18 Apr 2015 9:01

Tgt Ion:112 Resp: 32469

Ion	Ratio	Lower	Upper
112	100		
64	58.1	39.9	59.9
63	31.2	20.2	30.4#



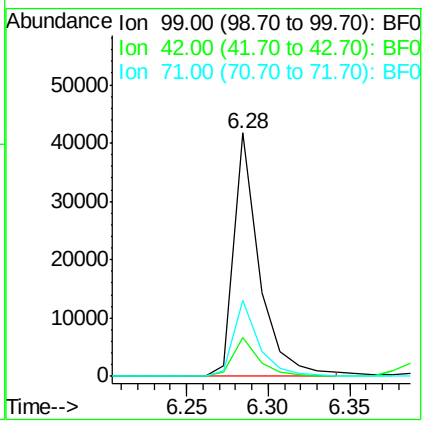


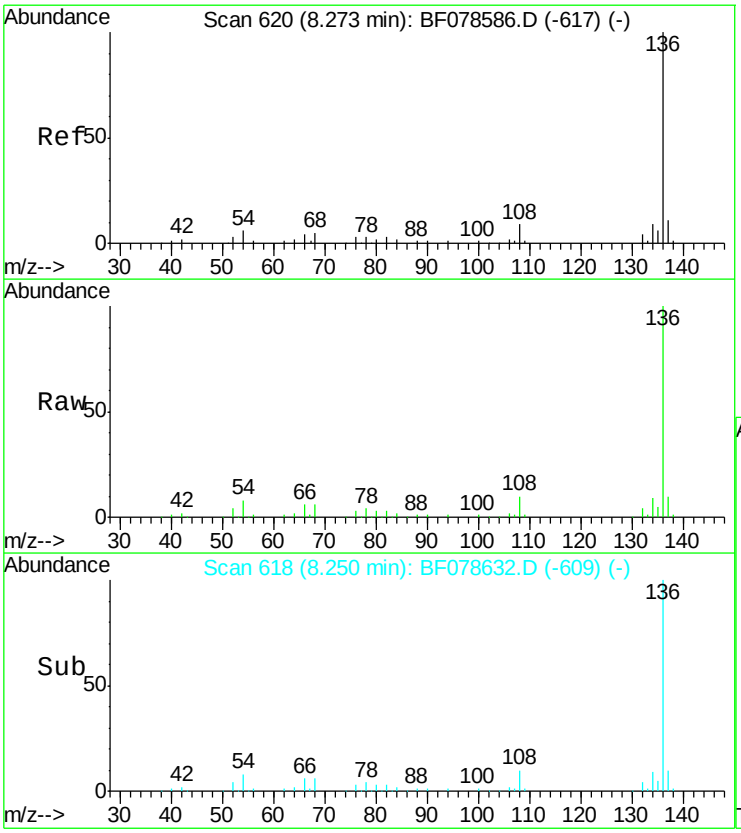
#7
Phenol-d6
Concen: 19.36 ng
RT: 6.28 min Scan# 446
Delta R.T. -0.00 min
Lab File: BF078632.D
Acq: 18 Apr 2015 9:01

Instrument :
BNA_F
ClientSampleId :
LS-SB19A

Tgt Ion: 99 Resp: 45101

Ion	Ratio	Lower	Upper
99	100		
42	16.0	14.8	22.2
71	31.0	26.6	39.8

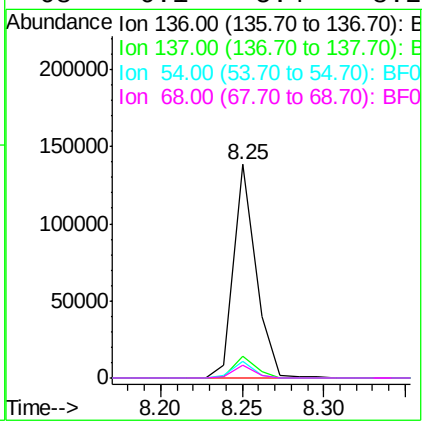


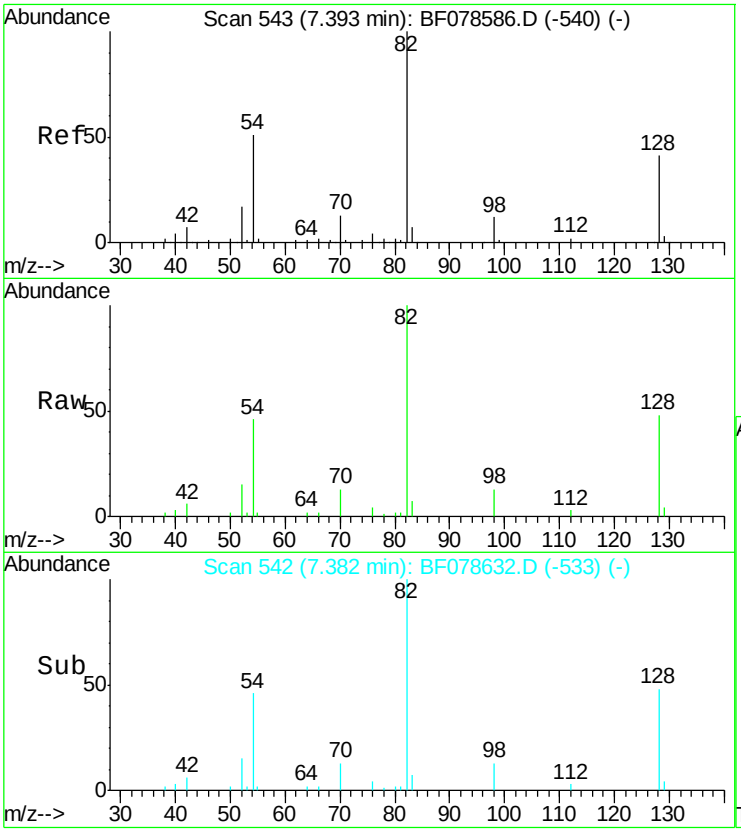


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 618
Delta R.T. -0.00 min
Lab File: BF078632.D
Acq: 18 Apr 2015 9:01

Tgt Ion:136 Resp: 130490

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.4
54	8.1	7.0	10.6
68	6.1	5.4	8.2



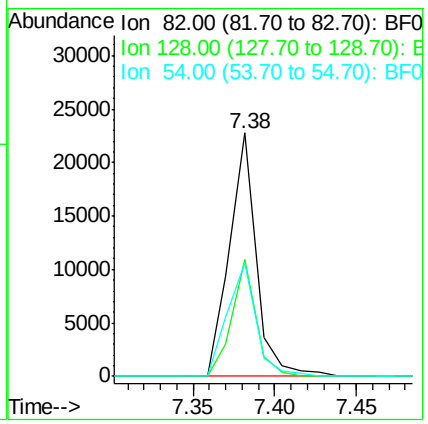


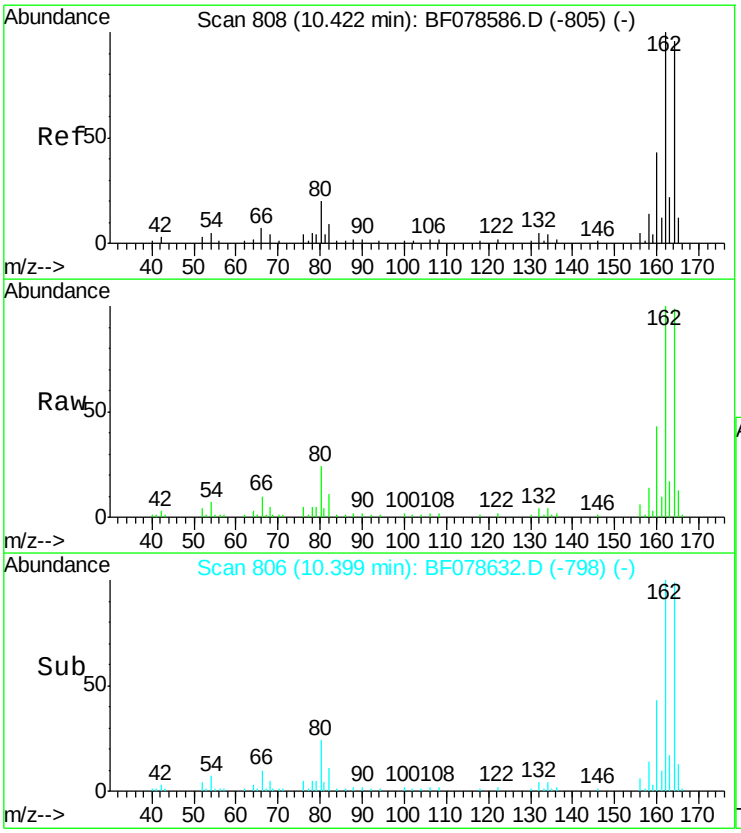
#23
Nitrobenzene-d5
Concen: 12.00 ng
RT: 7.38 min Scan# 542
Delta R.T. -0.00 min
Lab File: BF078632.D
Acq: 18 Apr 2015 9:01

Instrument :
BNA_F
ClientSampleId :
LS-SB19A

Tgt Ion: 82 Resp: 25830

Ion	Ratio	Lower	Upper
82	100		
128	47.9	31.8	47.8#
54	46.3	41.5	62.3

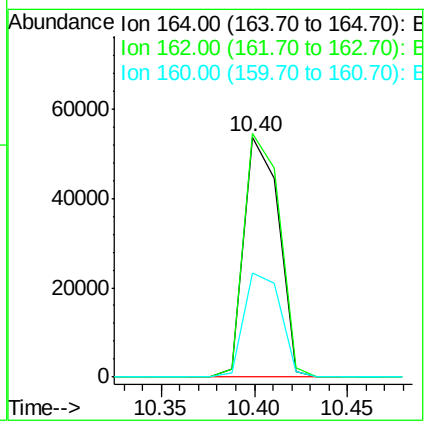


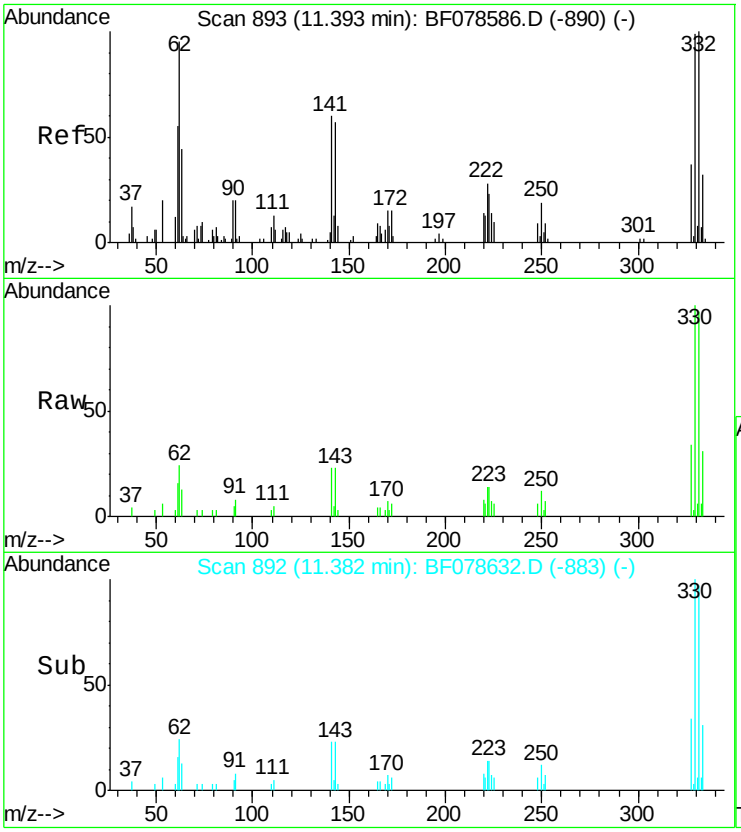


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.40 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF078632.D
Acq: 18 Apr 2015 9:01

Tgt Ion:164 Resp: 69403

Ion	Ratio	Lower	Upper
164	100		
162	101.5	82.2	123.2
160	43.5	34.7	52.1



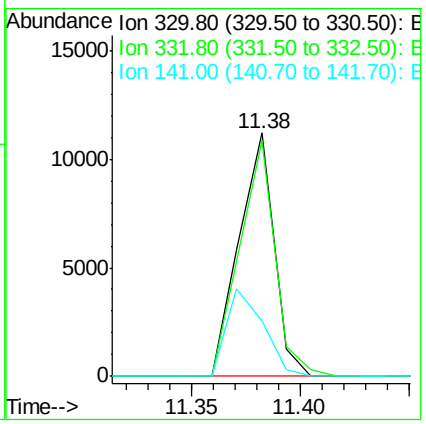


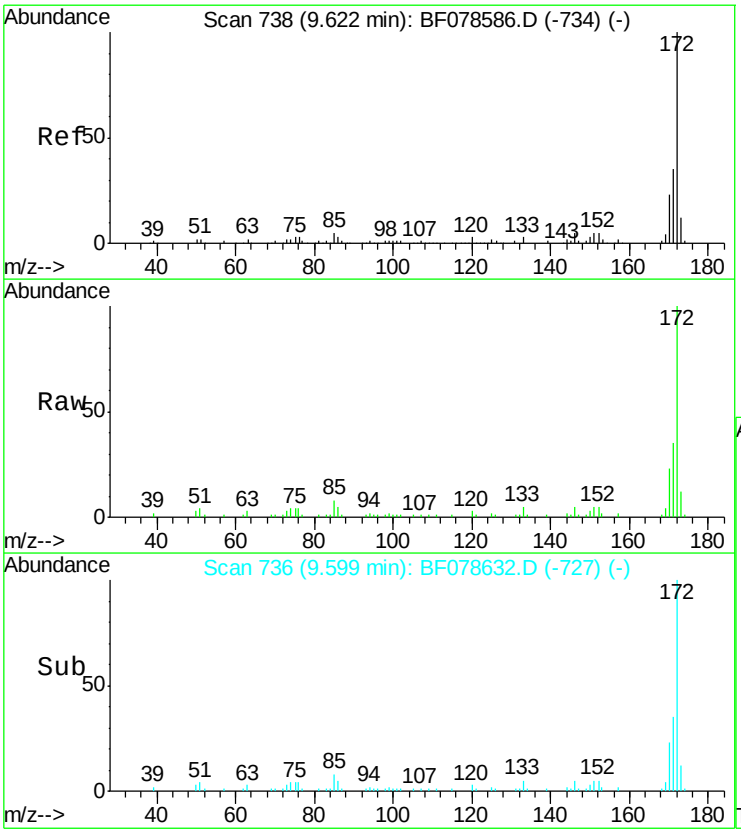
#41
2,4,6-Tribromophenol
Concen: 21.76 ng
RT: 11.38 min Scan# 892
Delta R.T. -0.00 min
Lab File: BF078632.D
Acq: 18 Apr 2015 9:01

Instrument :
BNA_F
ClientSampleId :
LS-SB19A

Tgt Ion:330 Resp: 12524

Ion	Ratio	Lower	Upper
330	100		
332	97.7	78.6	117.8
141	37.6	31.2	46.8

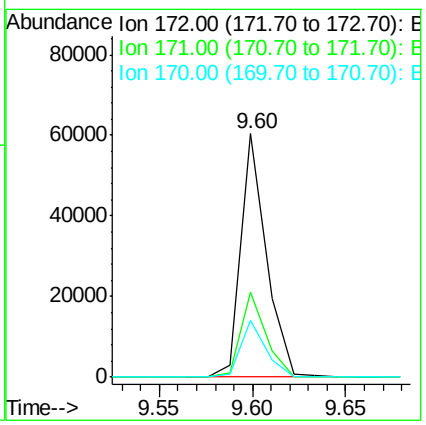


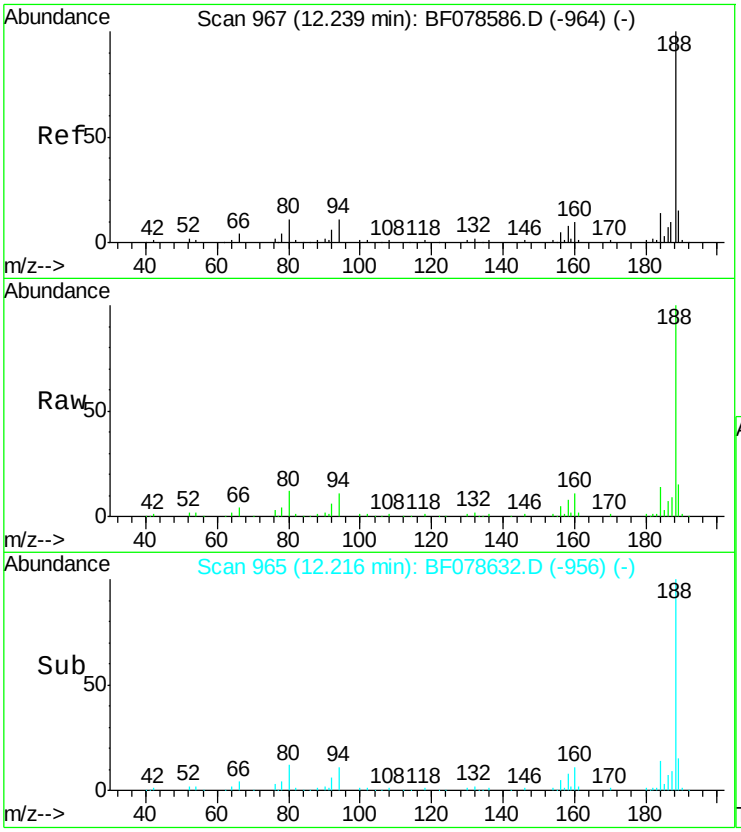


#44
2-Fluorobiphenyl
Concen: 11.87 ng
RT: 9.60 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF078632.D
Acq: 18 Apr 2015 9:01

Tgt Ion:172 Resp: 57625

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	42.8
170	23.3	18.5	27.7



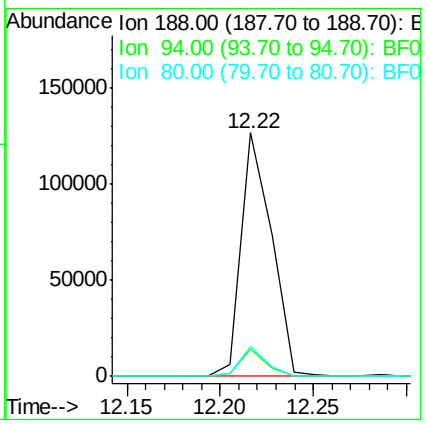


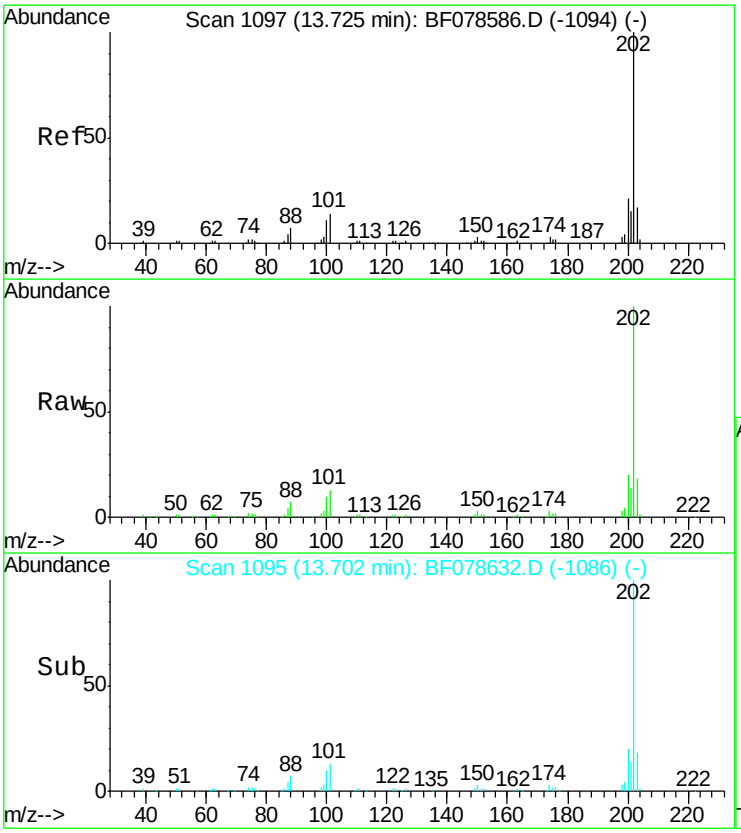
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.22 min Scan# 965
Delta R.T. -0.00 min
Lab File: BF078632.D
Acq: 18 Apr 2015 9:01

Instrument :
BNA_F
ClientSampleId :
LS-SB19A

Tgt Ion:188 Resp: 144119

Ion	Ratio	Lower	Upper
188	100		
94	11.5	9.0	13.4
80	12.5	9.5	14.3

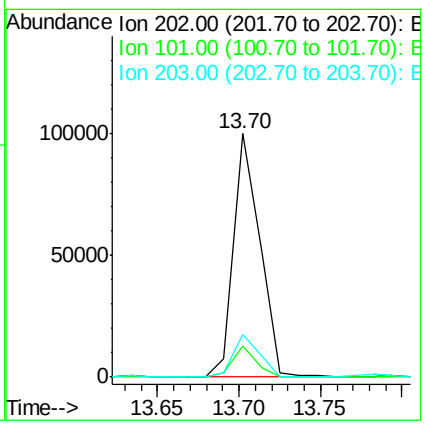


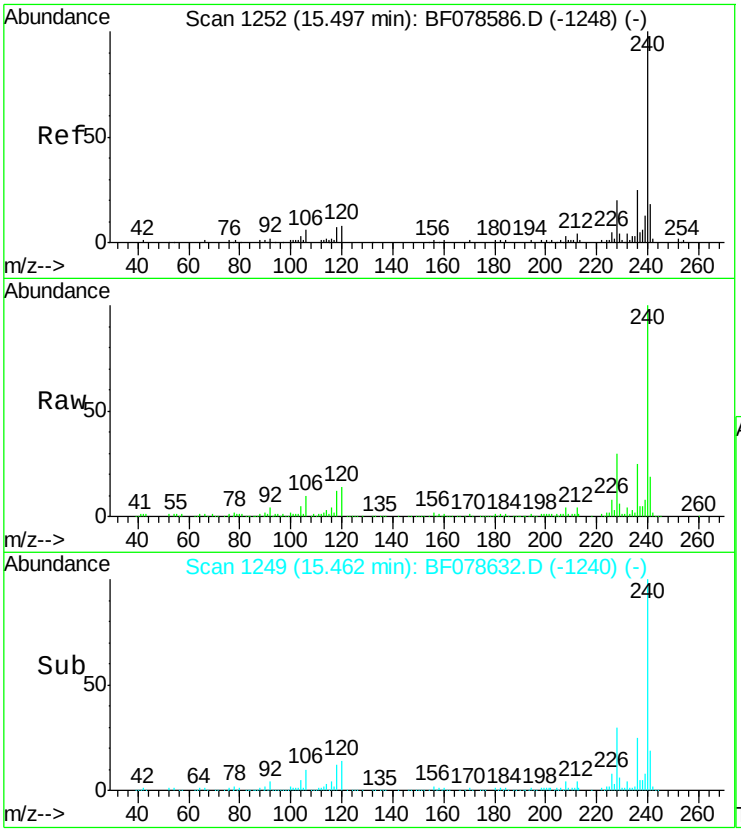


#74
Fluoranthene
Concen: 12.67 ng
RT: 13.70 min Scan# 1095
Delta R.T. -0.00 min
Lab File: BF078632.D
Acq: 18 Apr 2015 9:01

Tgt Ion:202 Resp: 111408

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	35.2
203	17.6	0.0	38.5



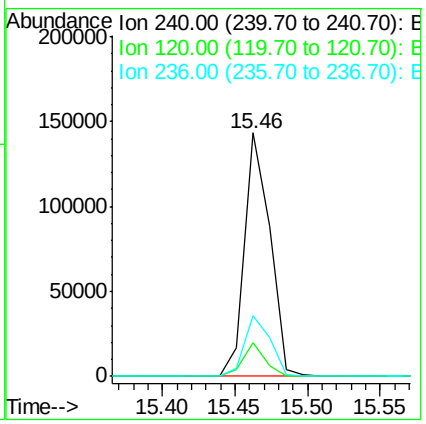


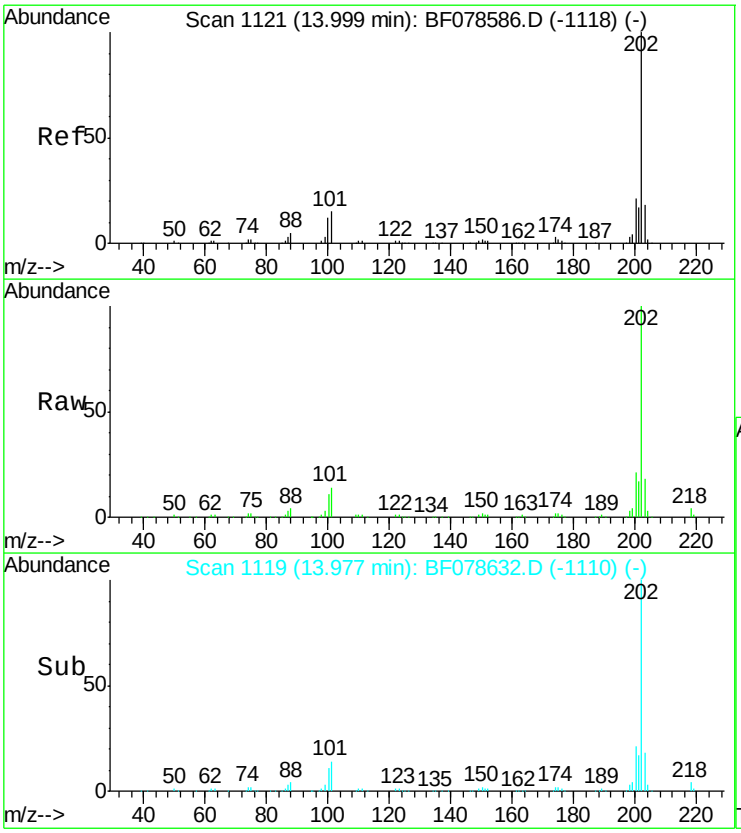
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1249
Delta R.T. -0.00 min
Lab File: BF078632.D
Acq: 18 Apr 2015 9:01

Instrument :
BNA_F
ClientSampleId :
LS-SB19A

Tgt Ion:240 Resp: 174443

Ion	Ratio	Lower	Upper
240	100		
120	14.1	7.1	10.7#
236	24.9	21.4	32.2

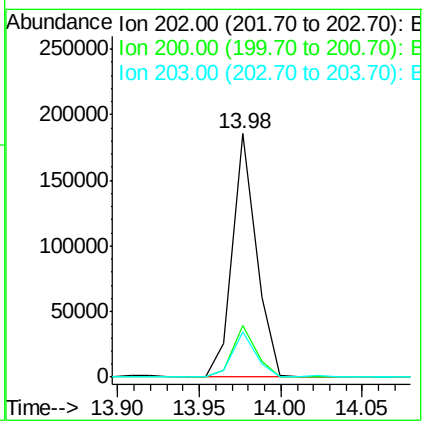


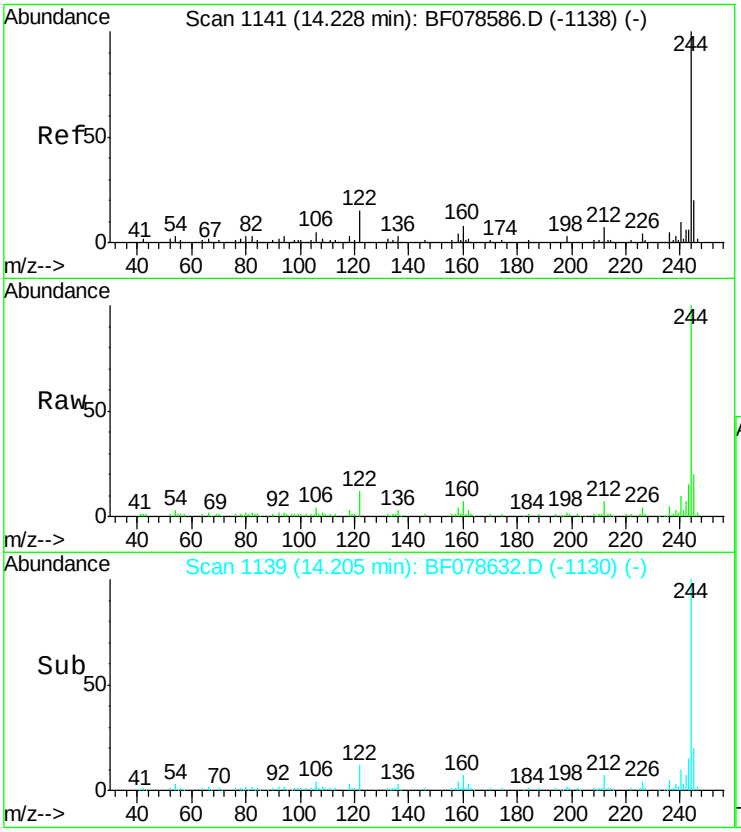


#77
Pyrene
Concen: 17.26 ng
RT: 13.98 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BF078632.D
Acq: 18 Apr 2015 9:01

Tgt Ion:202 Resp: 188984

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.3	24.5
203	18.5	13.8	20.6



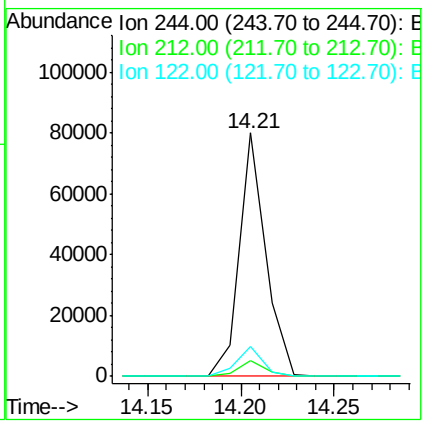


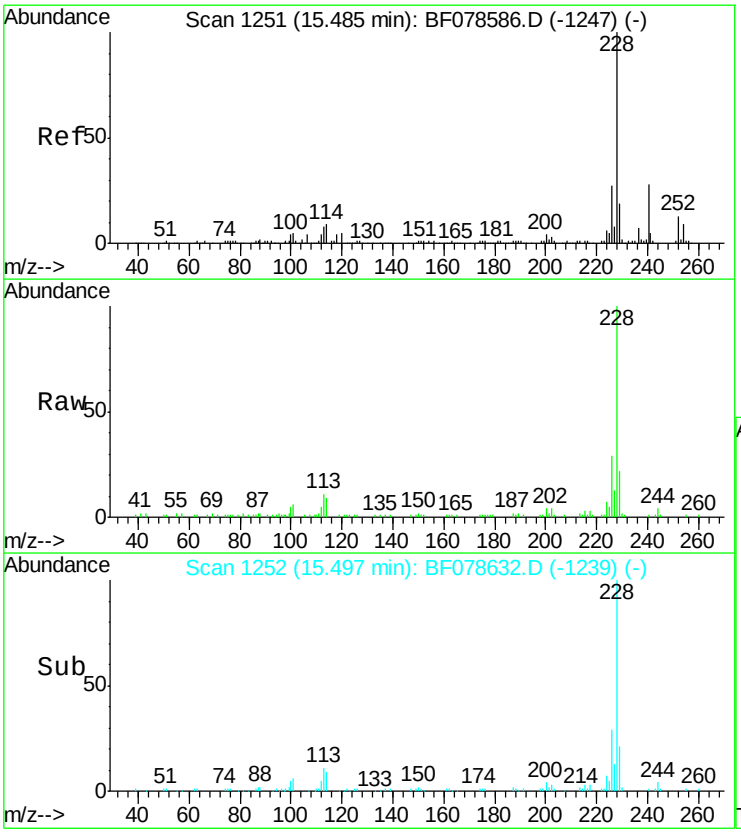
#78
Terphenyl-d14
Concen: 10.23 ng
RT: 14.21 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BF078632.D
Acq: 18 Apr 2015 9:01

Instrument :
BNA_F
ClientSampleId :
LS-SB19A

Tgt Ion:244 Resp: 78993

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.0	7.4
122	12.3	7.1	10.7#

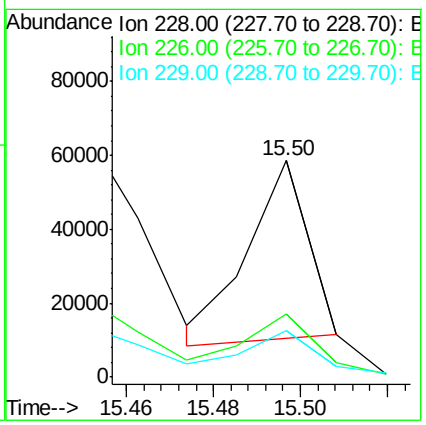


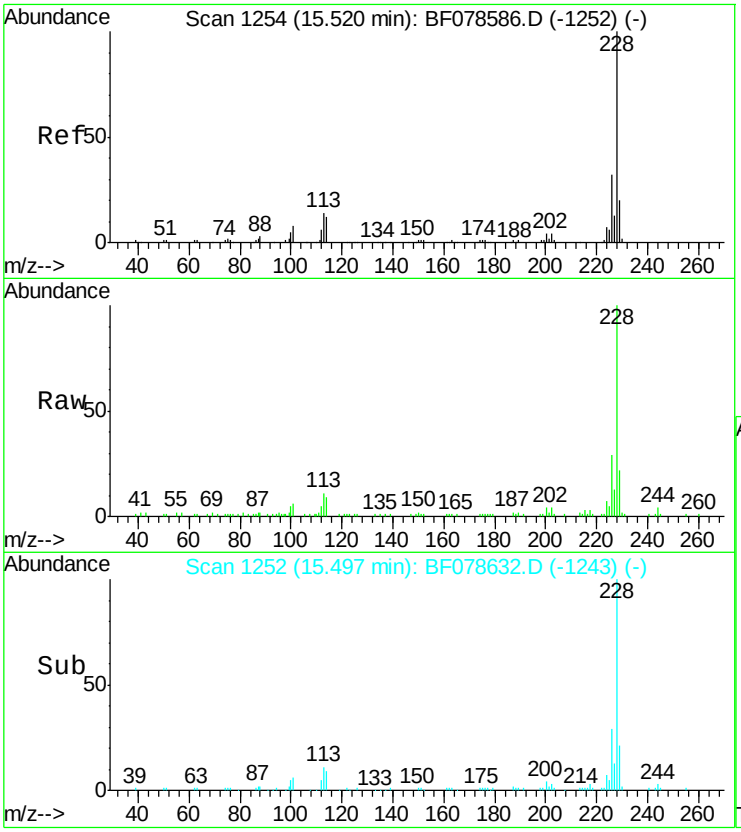


#80
Benzo(a)anthracene
Concen: 4.44 ng
RT: 15.50 min Scan# 1252
Delta R.T. 0.05 min
Lab File: BF078632.D
Acq: 18 Apr 2015 9:01

Tgt Ion:228 Resp: 46060

Ion	Ratio	Lower	Upper
228	100		
226	29.3	21.3	31.9
229	21.5	15.4	23.2



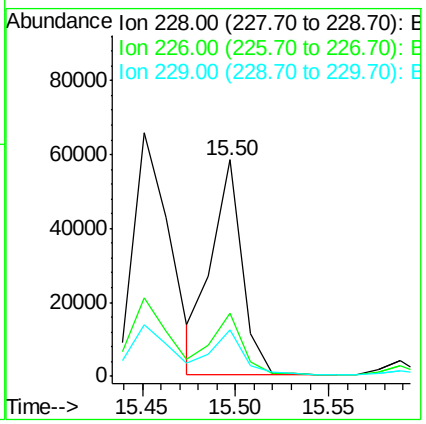


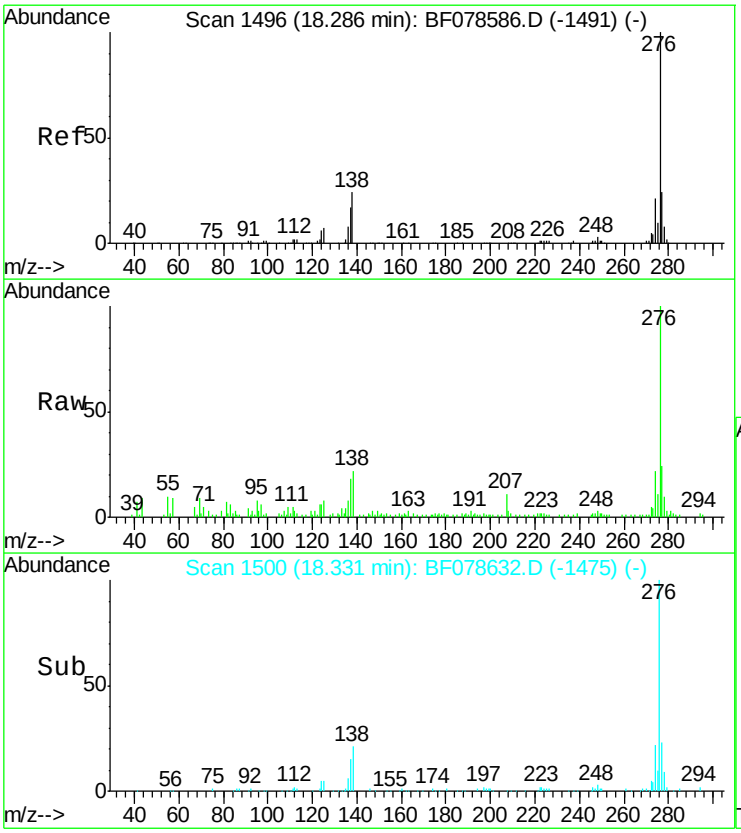
#82
Chrysene
Concen: 6.85 ng
RT: 15.50 min Scan# 1252
Delta R.T. -0.00 min
Lab File: BF078632.D
Acq: 18 Apr 2015 9:01

Instrument :
BNA_F
ClientSampleId :
LS-SB19A

Tgt Ion:228 Resp: 66769

Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.2	36.4
229	21.5	15.8	23.8

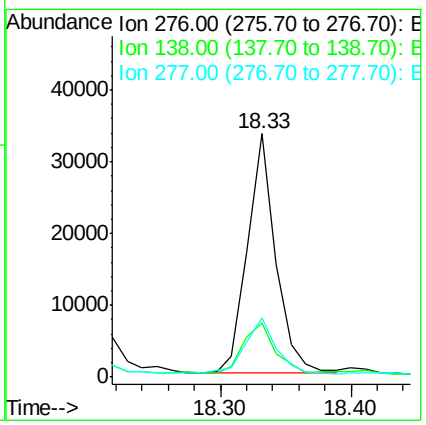


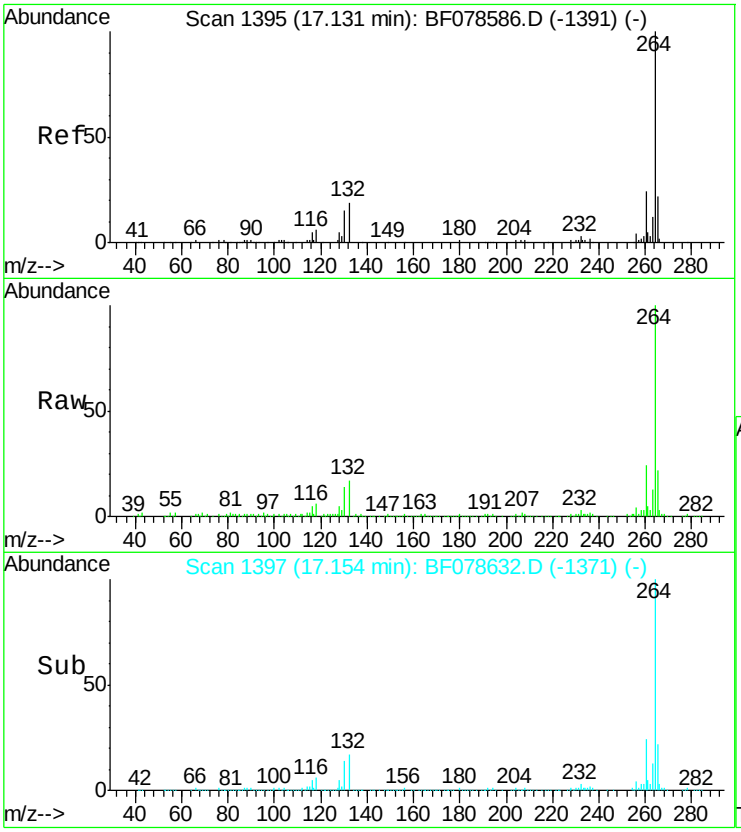


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.59 ng
RT: 18.33 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BF078632.D
Acq: 18 Apr 2015 9:01

Tgt Ion:276 Resp: 50799

Ion	Ratio	Lower	Upper
276	100		
138	24.0	16.9	25.3
277	26.8	15.8	23.6#



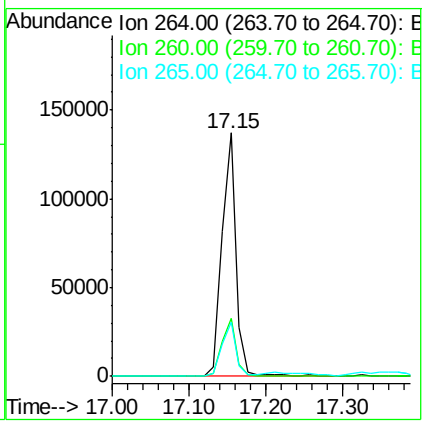


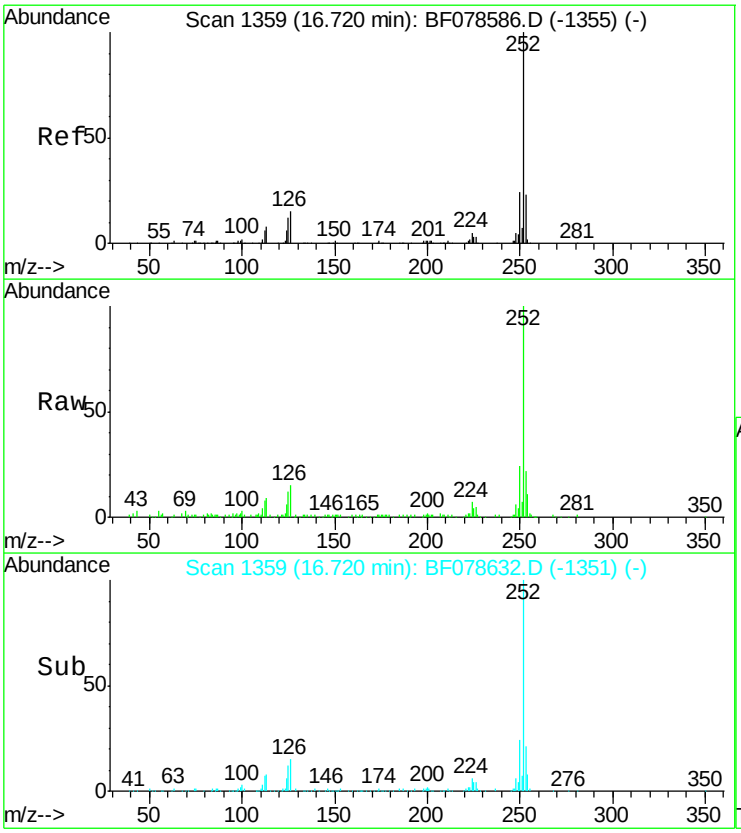
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.15 min Scan# 1397
Delta R.T. -0.00 min
Lab File: BF078632.D
Acq: 18 Apr 2015 9:01

Instrument :
BNA_F
ClientSampleId :
LS-SB19A

Tgt Ion:264 Resp: 178922

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	27.8
265	22.0	17.0	25.6

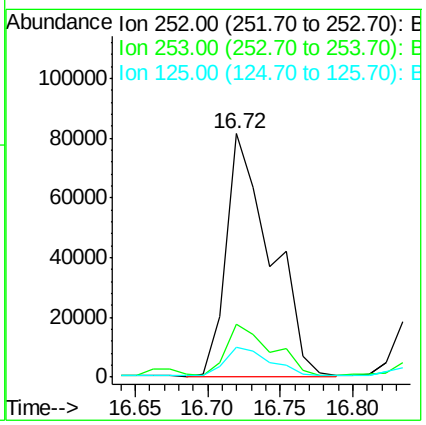


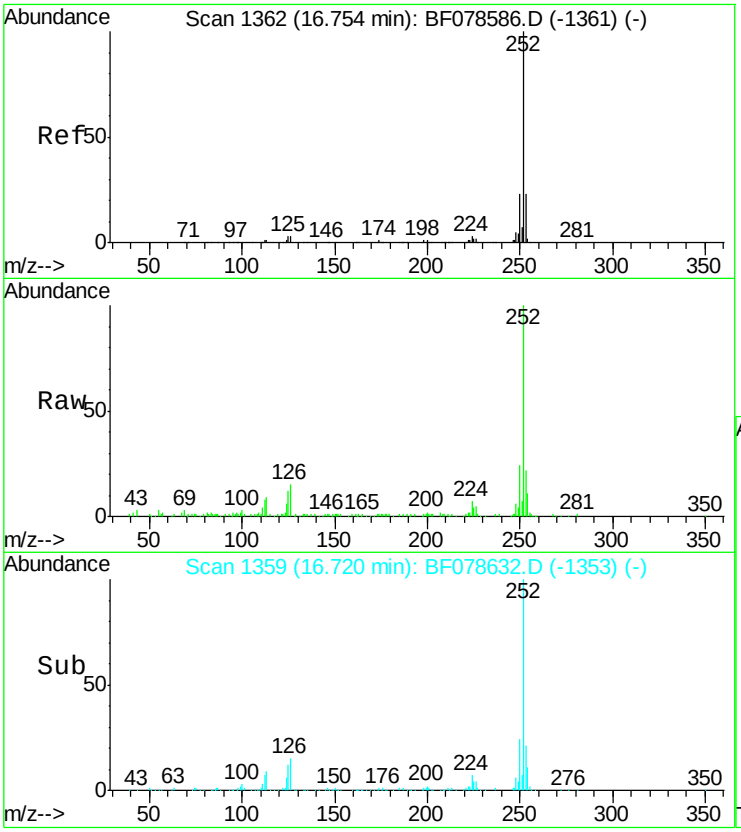


#87
Benzo(b)fluoranthene
Concen: 15.61 ng
RT: 16.72 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF078632.D
Acq: 18 Apr 2015 9:01

Tgt Ion:252 Resp: 172636

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	12.3	7.0	10.4#



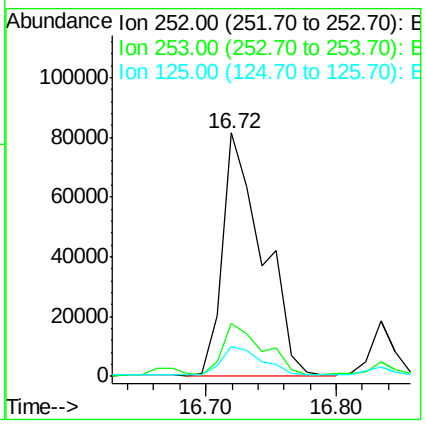


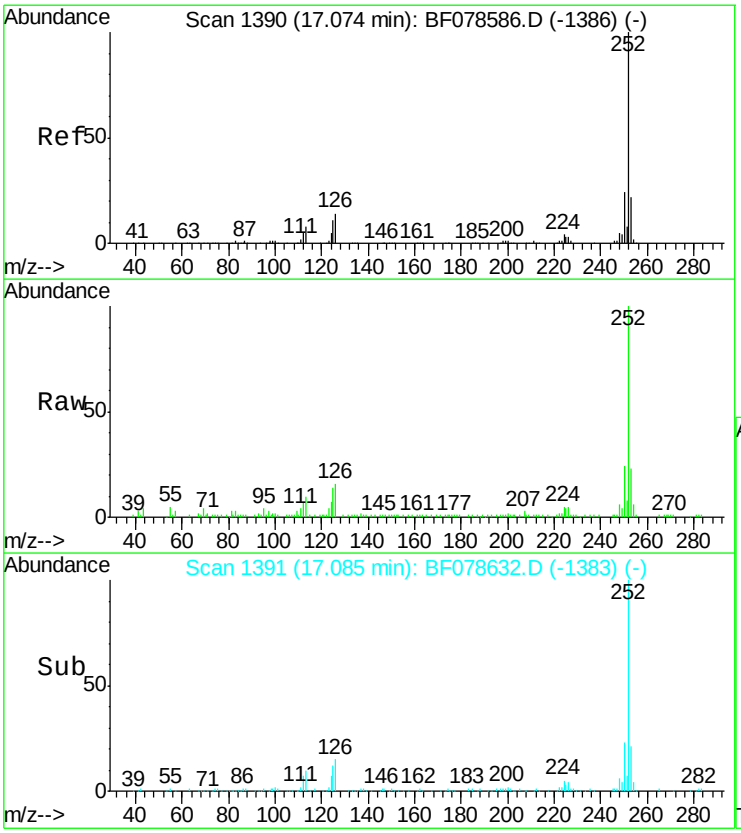
#88
Benzo(k)fluoranthene
Concen: 17.59 ng
RT: 16.72 min Scan# 1359
Delta R.T. -0.03 min
Lab File: BF078632.D
Acq: 18 Apr 2015 9:01

Instrument :
BNA_F
ClientSampleId :
LS-SB19A

Tgt Ion:252 Resp: 172886

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	12.3	11.6	17.4

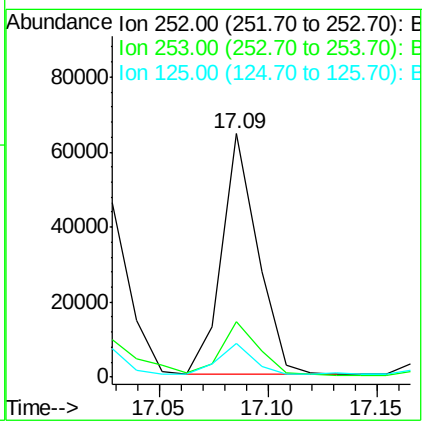


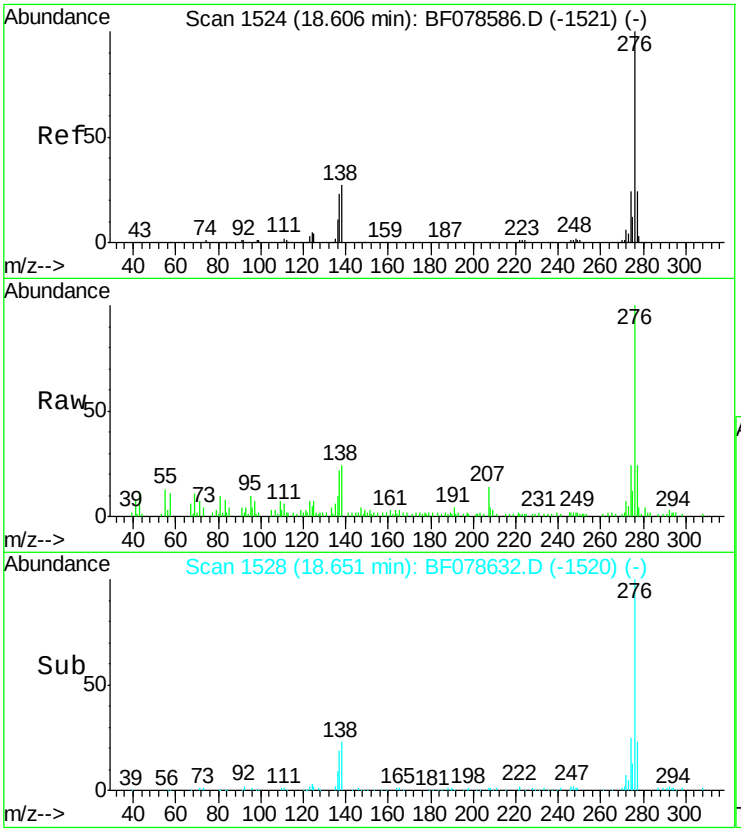


#89
Benzo(a)pyrene
Concen: 7.62 ng
RT: 17.09 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BF078632.D
Acq: 18 Apr 2015 9:01

Tgt Ion:252 Resp: 73582

Ion	Ratio	Lower	Upper
252	100		
253	23.0	16.8	25.2
125	13.6	7.4	11.0#





#91
Benzo(g,h,i)perylene
Concen: 4.79 ng
RT: 18.65 min Scan# 1528
Delta R.T. -0.01 min
Lab File: BF078632.D
Acq: 18 Apr 2015 9:01

Instrument :
BNA_F
ClientSampleId :
LS-SB19A

Tgt Ion:276 Resp: 46366

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.0	28.4
138	24.0	19.9	29.9