Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042115\
Data File : BF078698.D
Acq On : 21 Apr 2015 22:40
Operator : TP/IZ
Sample : G1938-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-68AS

Quant Time: Apr 22 02:28:13 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	34586	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	146460	20.00	ng		-0.01
38) Acenaphthene-d10	11.16	164	76090	20.00	ng		-0.01
63) Phenanthrene-d10	13.90	188	146648	20.00	ng		-0.01
75) Chrysene-d12	17.77	240	168258	20.00	ng		-0.01
86) Perylene-d12	19.46	264	161979	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	3.84	112	30043	14.32	ng		0.01
7) Phenol-d6	5.32	99	39673	15.09	ng		0.00
23) Nitrobenzene-d5	6.75	82	23033	9.53	ng		-0.01
41) 2,4,6-Tribromophenol	12.64	330	9931	15.74	ng		-0.01
44) 2-Fluorobiphenyl	9.99	172	52878	9.93	ng		-0.01
78) Terphenyl-d14	16.43	244	64749	8.70	ng		0.00
Target Compounds							Qvalue
74) Fluoranthene	15.83	202	25199	2.82	ng		95
77) Pyrene	16.14	202	25136	2.38	ng		96
87) Benzo(b)fluoranthene	19.04	252	27144	2.71	ng	#	94
88) Benzo(k)fluoranthene	19.04	252	27144	3.05	ng		97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042115\
Data File : BF078698.D
Acq On : 21 Apr 2015 22:40
Operator : TP/IZ
Sample : G1938-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-68AS

Quant Time: Apr 22 02:28:13 2015
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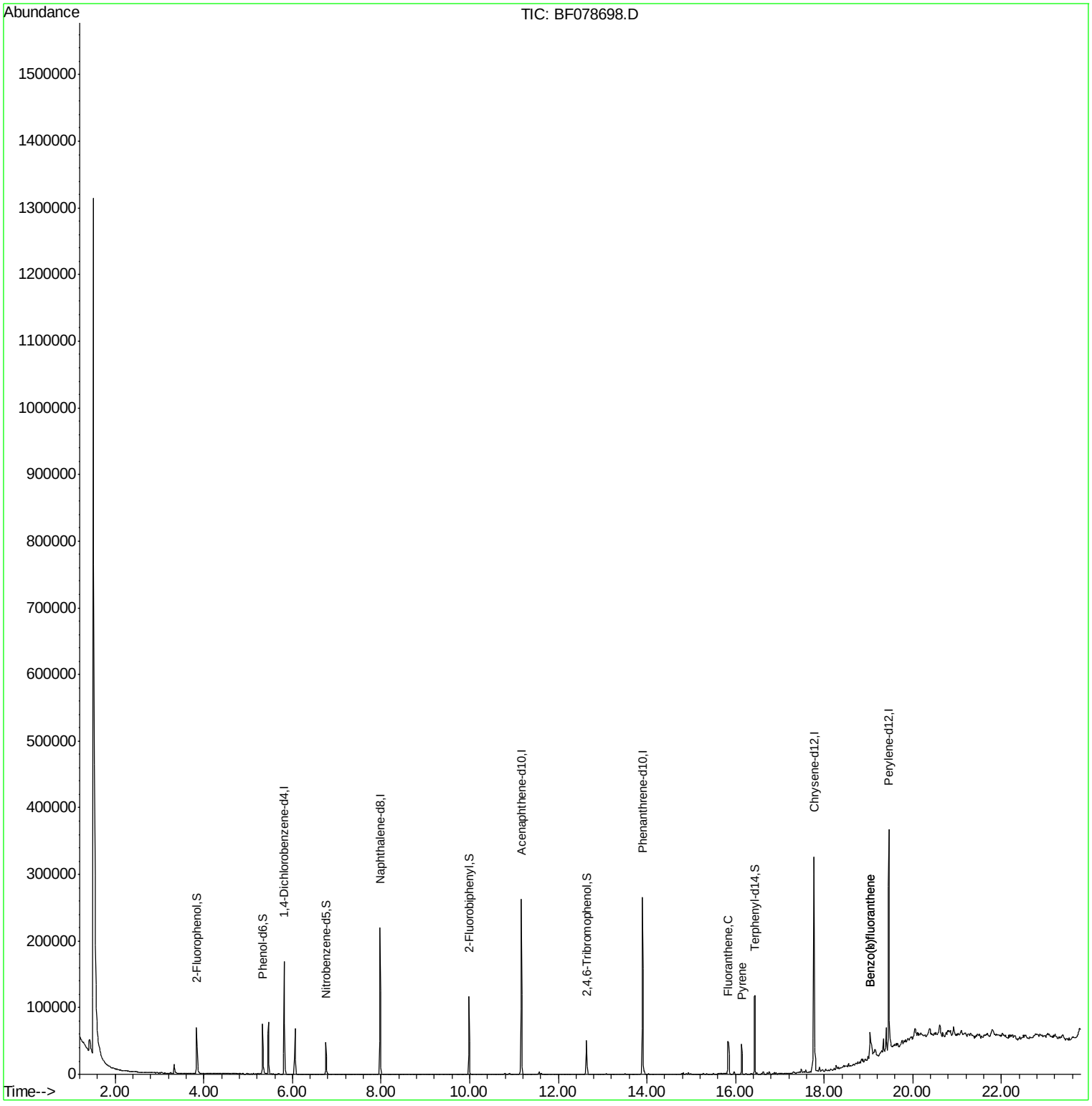
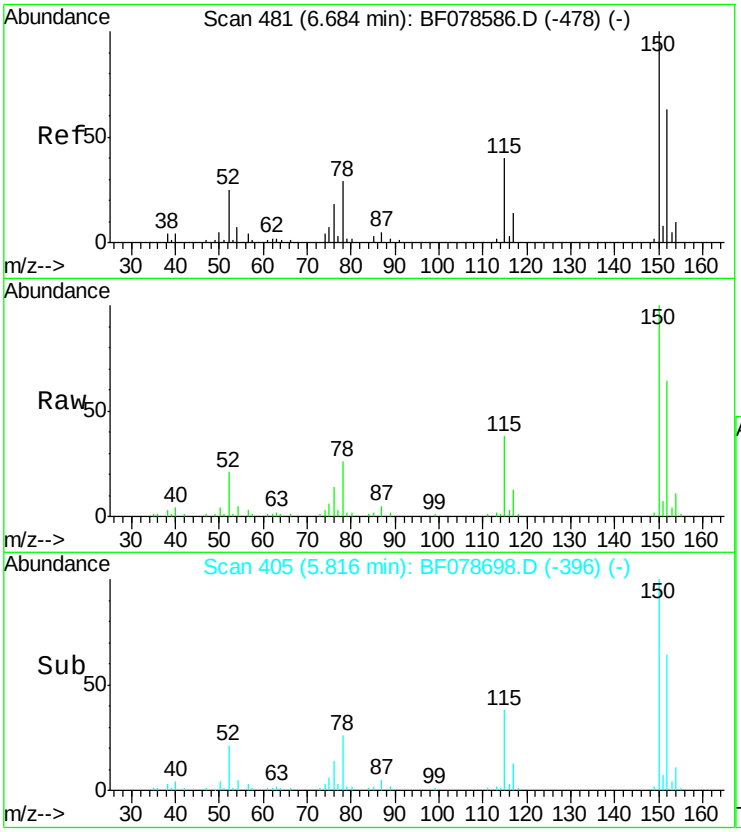


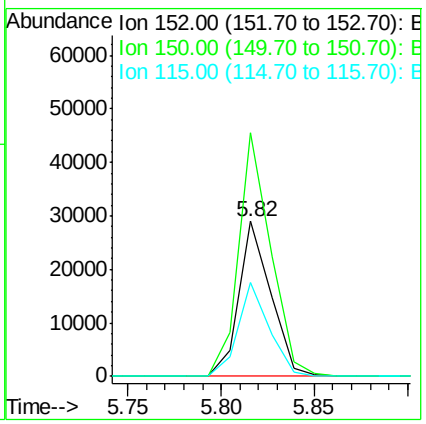


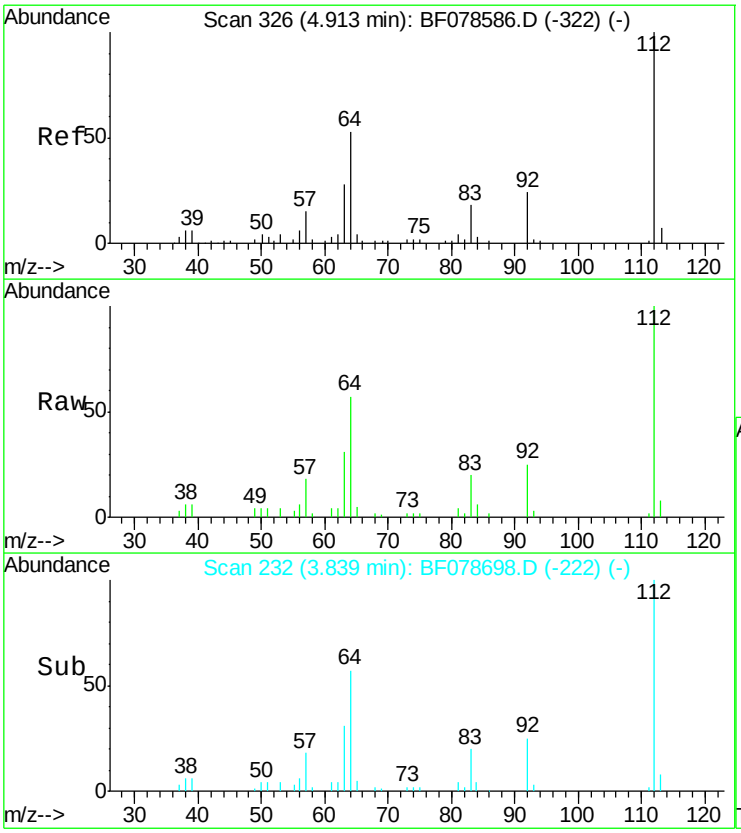
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.82 min Scan# 405
Delta R.T. 0.00 min
Lab File: BF078698.D
Acq: 21 Apr 2015 22:40

Instrument :
BNA_F
ClientSampleId :
SB-68AS

Tgt Ion:152 Resp: 34586

Ion	Ratio	Lower	Upper
152	100		
150	156.9	125.9	188.9
115	60.2	52.7	79.1

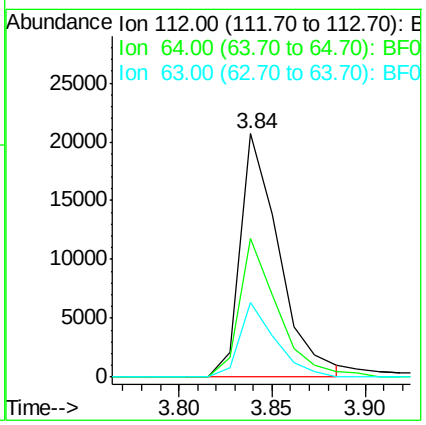


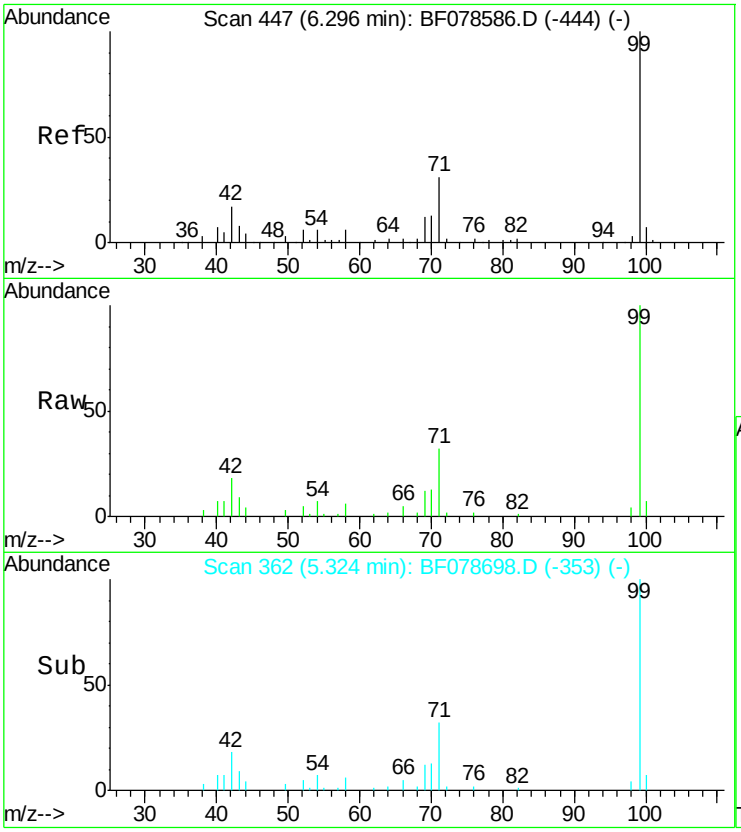


#5
2-Fluorophenol
Concen: 14.32 ng
RT: 3.84 min Scan# 232
Delta R.T. 0.01 min
Lab File: BF078698.D
Acq: 21 Apr 2015 22:40

Tgt Ion:112 Resp: 30043

Ion	Ratio	Lower	Upper
112	100		
64	57.1	39.9	59.9
63	30.7	20.2	30.4#



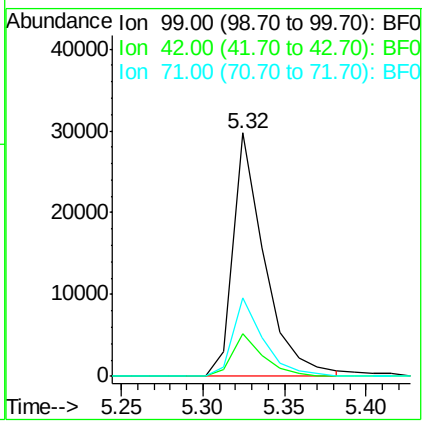


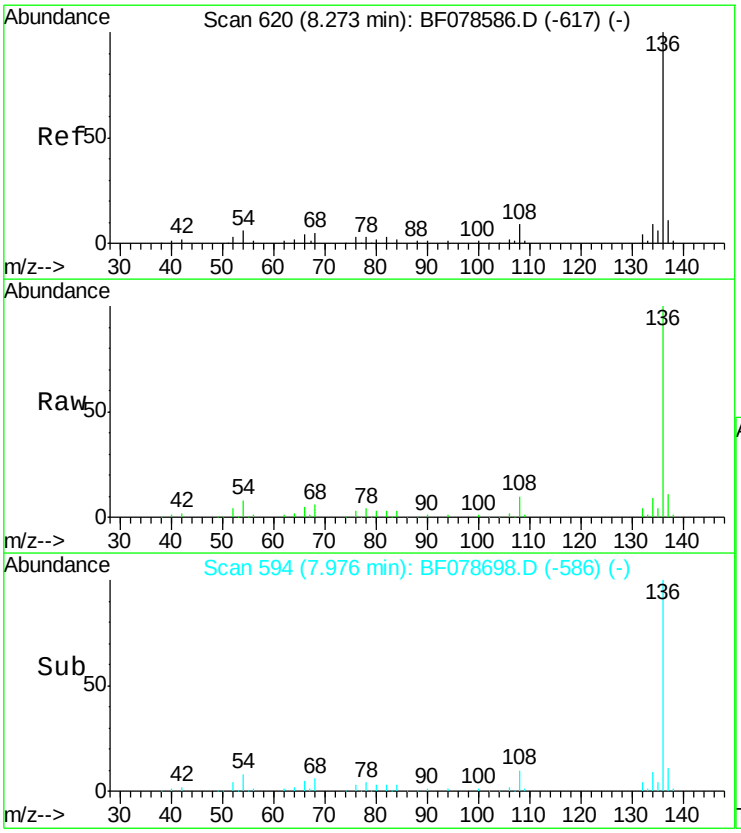
#7
Phenol-d6
Concen: 15.09 ng
RT: 5.32 min Scan# 362
Delta R.T. 0.00 min
Lab File: BF078698.D
Acq: 21 Apr 2015 22:40

Instrument :
BNA_F
ClientSampleId :
SB-68AS

Tgt Ion: 99 Resp: 39673

Ion	Ratio	Lower	Upper
99	100		
42	17.6	14.8	22.2
71	32.1	26.6	39.8

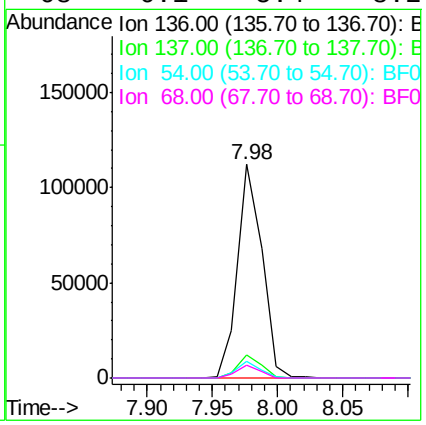


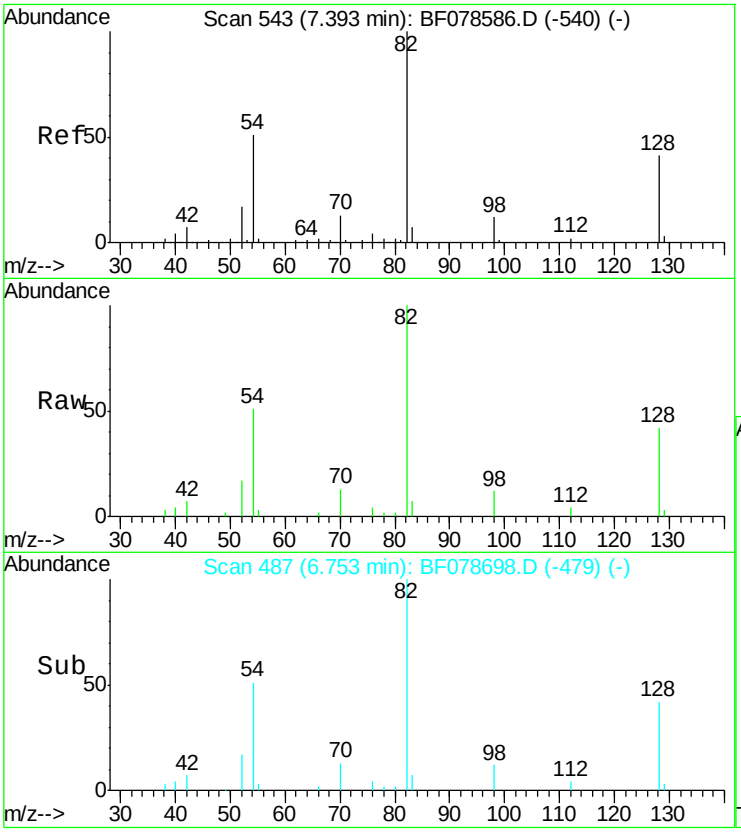


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF078698.D
Acq: 21 Apr 2015 22:40

Tgt Ion:136 Resp: 146460

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	7.5	7.0	10.6
68	6.1	5.4	8.2



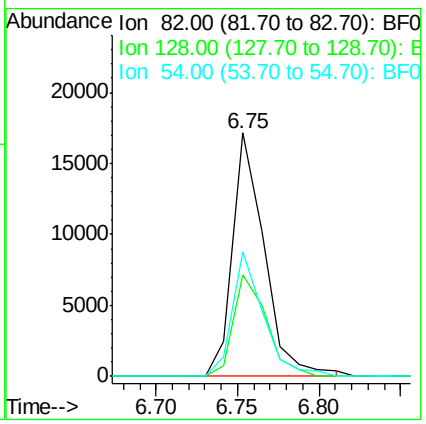


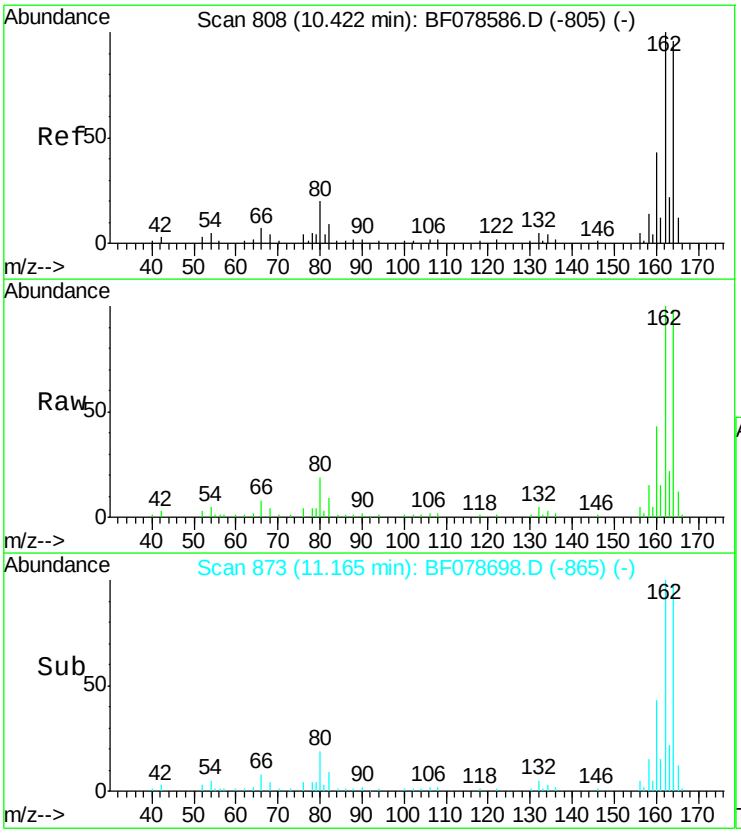
#23
Nitrobenzene-d5
Concen: 9.53 ng
RT: 6.75 min Scan# 487
Delta R.T. -0.01 min
Lab File: BF078698.D
Acq: 21 Apr 2015 22:40

Instrument :
BNA_F
ClientSampleId :
SB-68AS

Tgt Ion: 82 Resp: 23033

Ion	Ratio	Lower	Upper
82	100		
128	41.8	31.8	47.8
54	51.0	41.5	62.3

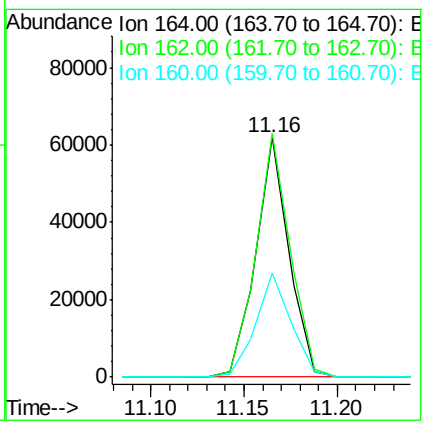


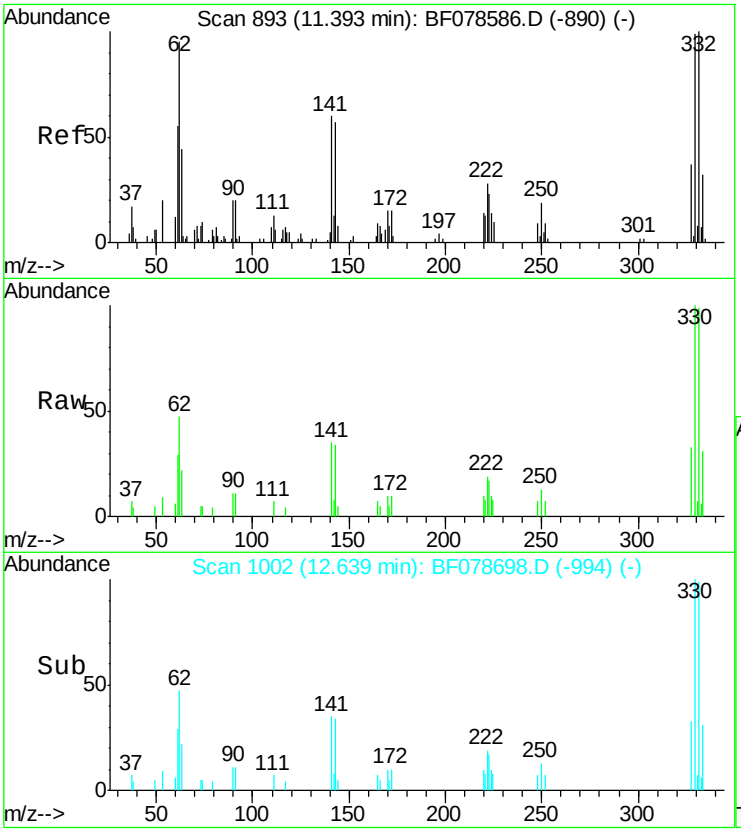


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF078698.D
Acq: 21 Apr 2015 22:40

Tgt Ion:164 Resp: 76090

Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.2	123.2
160	43.6	34.7	52.1



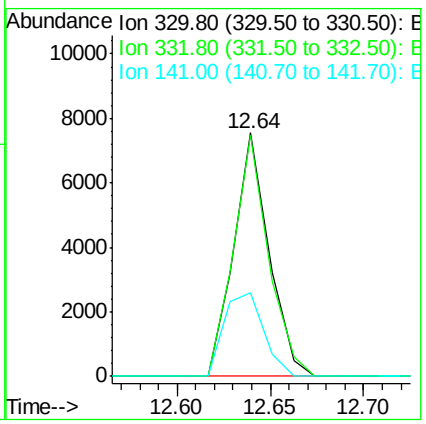


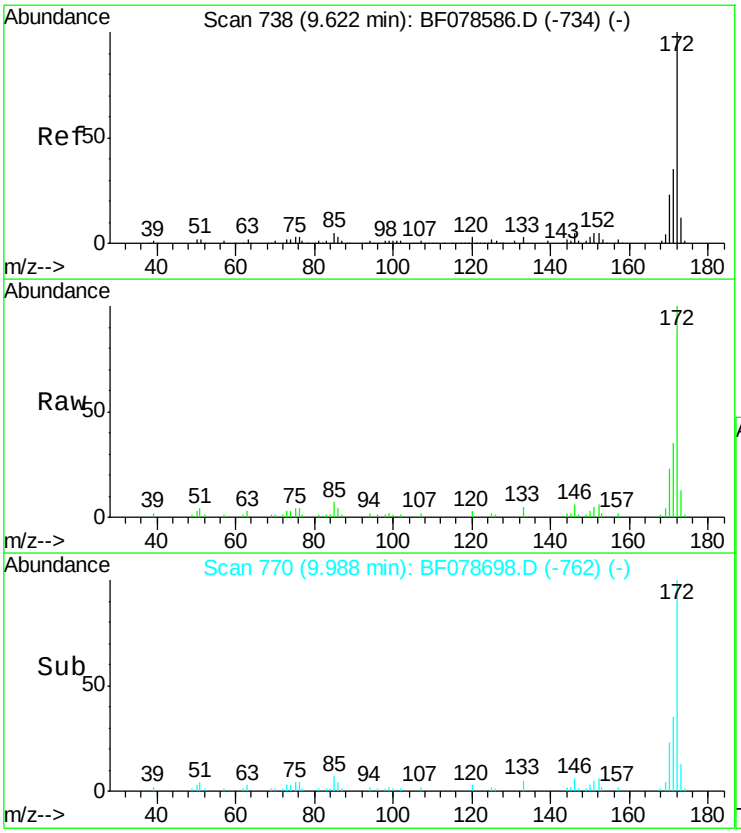
#41
2,4,6-Tribromophenol
Concen: 15.74 ng
RT: 12.64 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF078698.D
Acq: 21 Apr 2015 22:40

Instrument :
BNA_F
ClientSampleId :
SB-68AS

Tgt Ion:330 Resp: 9931

Ion	Ratio	Lower	Upper
330	100		
332	98.5	78.6	117.8
141	38.7	31.2	46.8

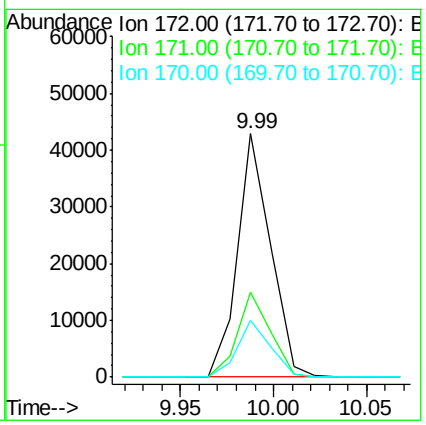


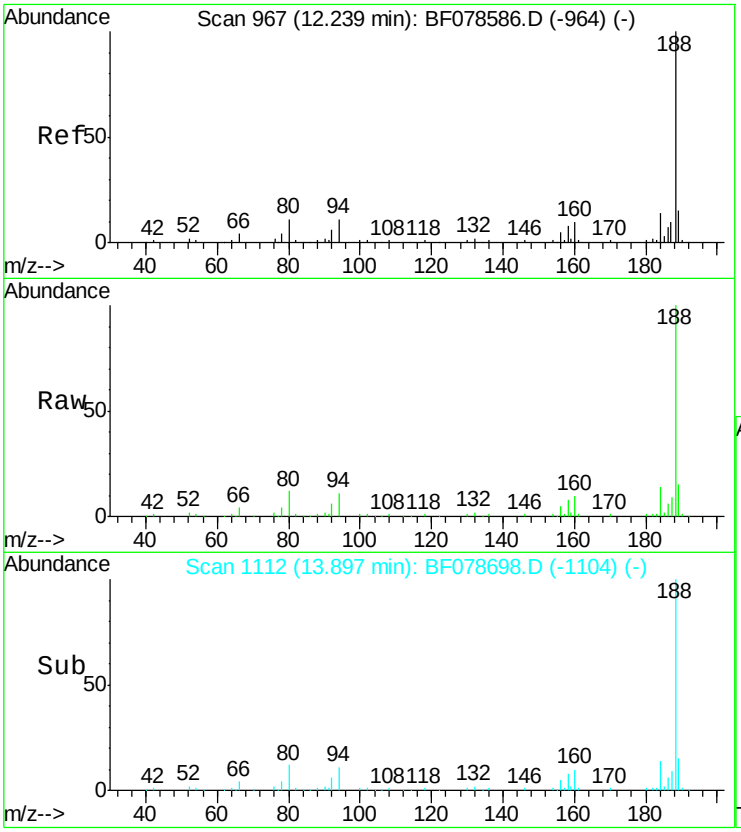


#44
2-Fluorobiphenyl
Concen: 9.93 ng
RT: 9.99 min Scan# 770
Delta R.T. -0.01 min
Lab File: BF078698.D
Acq: 21 Apr 2015 22:40

Tgt Ion:172 Resp: 52878

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.6	42.8
170	23.2	18.5	27.7



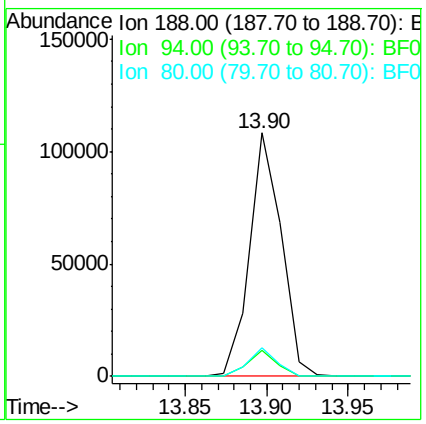


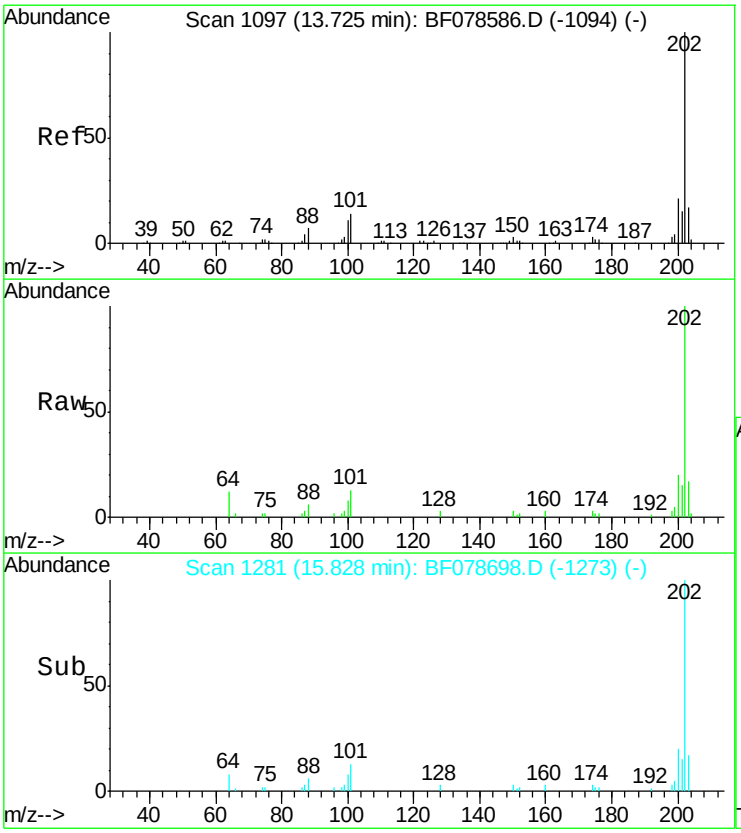
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.90 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BF078698.D
Acq: 21 Apr 2015 22:40

Instrument :
BNA_F
ClientSampleId :
SB-68AS

Tgt Ion:188 Resp: 146648

Ion	Ratio	Lower	Upper
188	100		
94	10.9	9.0	13.4
80	11.5	9.5	14.3

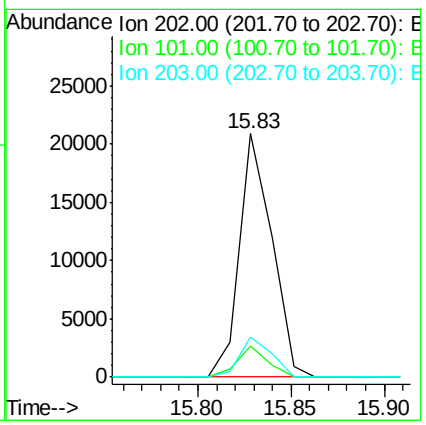


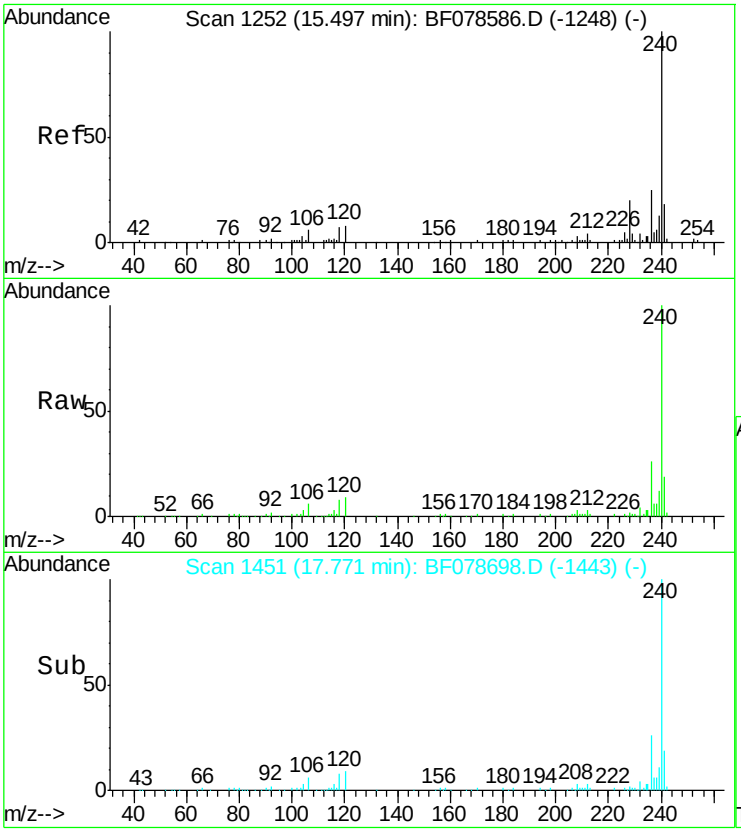


#74
Fluoranthene
Concen: 2.82 ng
RT: 15.83 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF078698.D
Acq: 21 Apr 2015 22:40

Tgt Ion:202 Resp: 25199

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	35.2
203	16.7	0.0	38.5



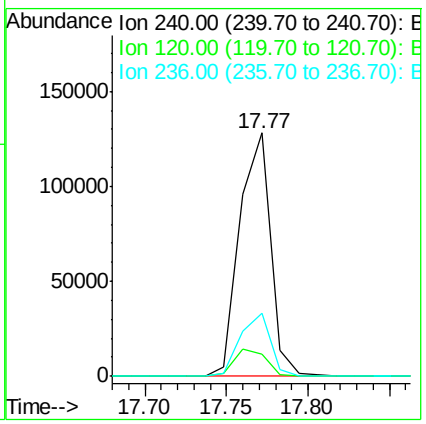


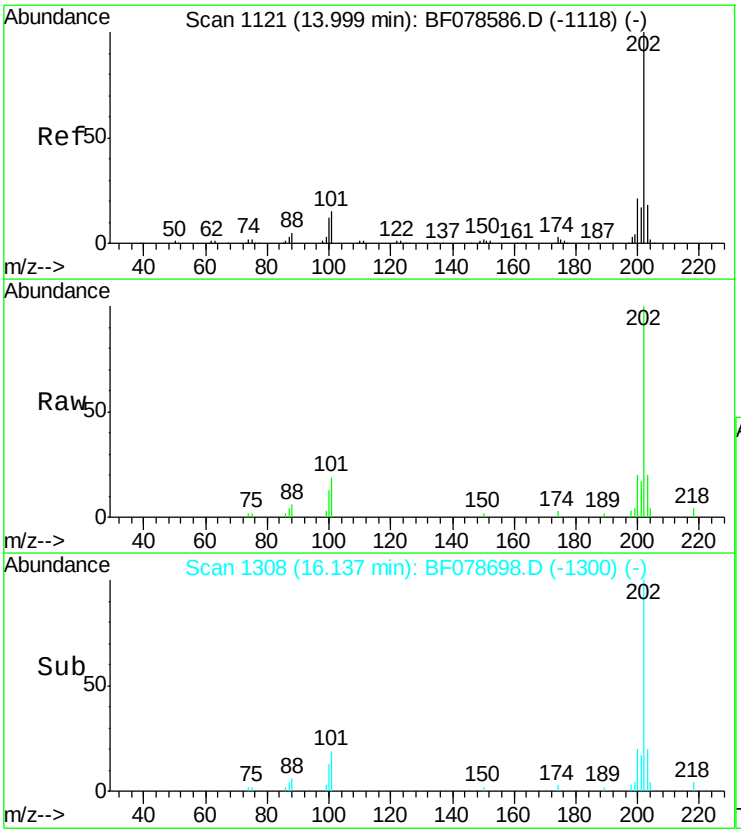
#75
Chrysene-d12
Concen: 20.00 ng
RT: 17.77 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF078698.D
Acq: 21 Apr 2015 22:40

Instrument :
BNA_F
ClientSampleId :
SB-68AS

Tgt Ion:240 Resp: 168258

Ion	Ratio	Lower	Upper
240	100		
120	9.1	7.1	10.7
236	25.8	21.4	32.2

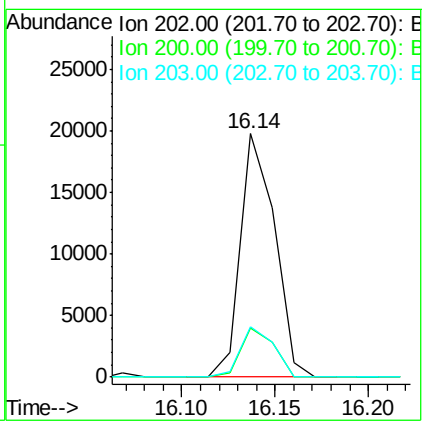


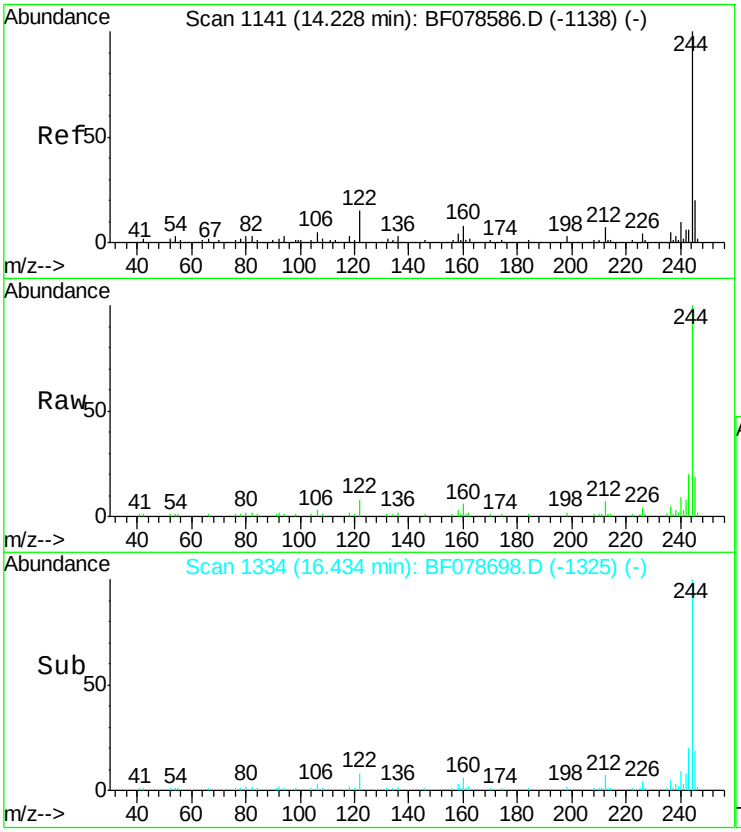


#77
Pyrene
Concen: 2.38 ng
RT: 16.14 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF078698.D
Acq: 21 Apr 2015 22:40

Tgt Ion:202 Resp: 25136

Ion	Ratio	Lower	Upper
202	100		
200	19.9	16.3	24.5
203	20.5	13.8	20.6



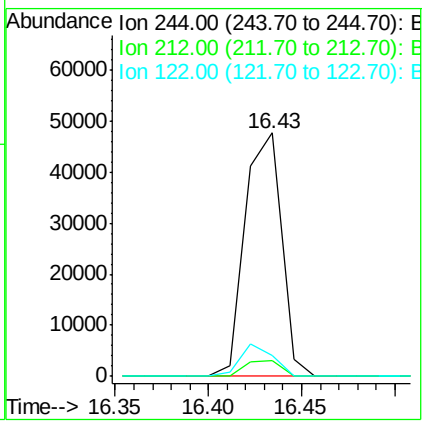


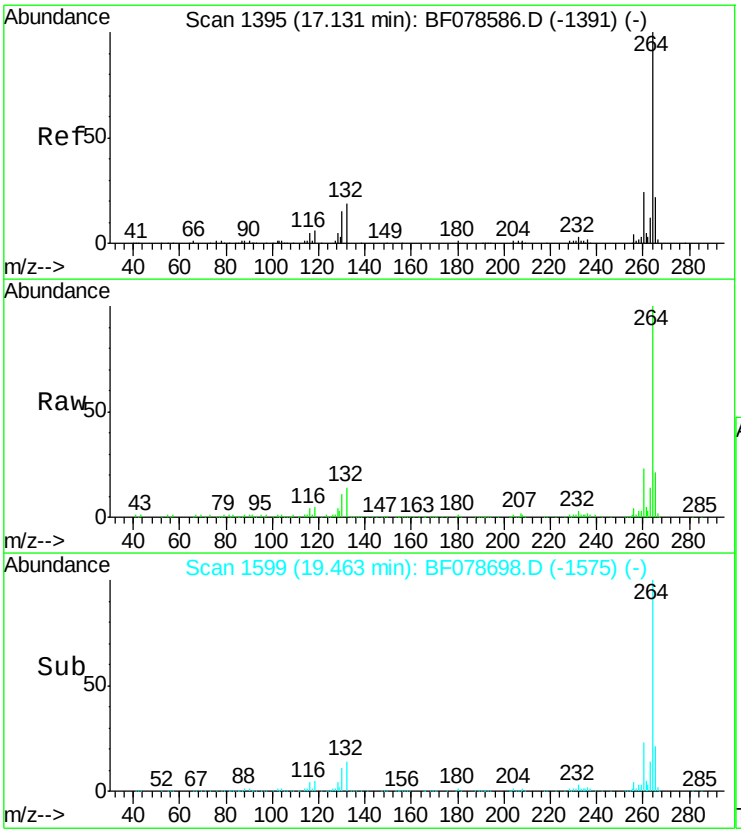
#78
Terphenyl-d14
Concen: 8.70 ng
RT: 16.43 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF078698.D
Acq: 21 Apr 2015 22:40

Instrument :
BNA_F
ClientSampleId :
SB-68AS

Tgt Ion:244 Resp: 64749

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.0	7.4
122	8.4	7.1	10.7

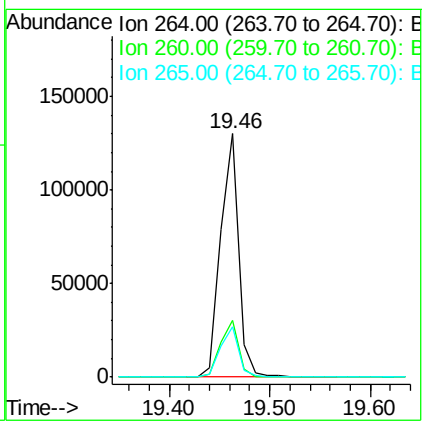


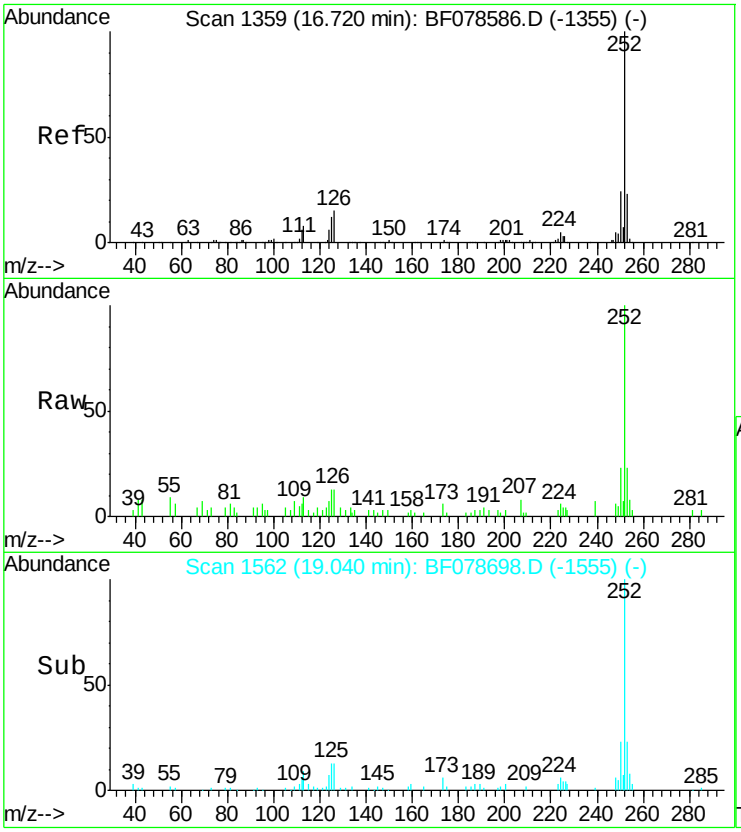


#86
Perylene-d12
Concen: 20.00 ng
RT: 19.46 min Scan# 1599
Delta R.T. -0.02 min
Lab File: BF078698.D
Acq: 21 Apr 2015 22:40

Tgt Ion:264 Resp: 161979

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	27.8
265	20.8	17.0	25.6



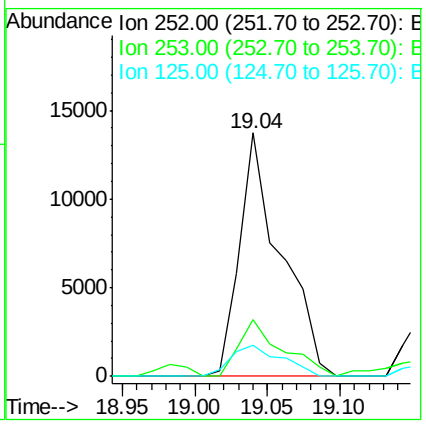


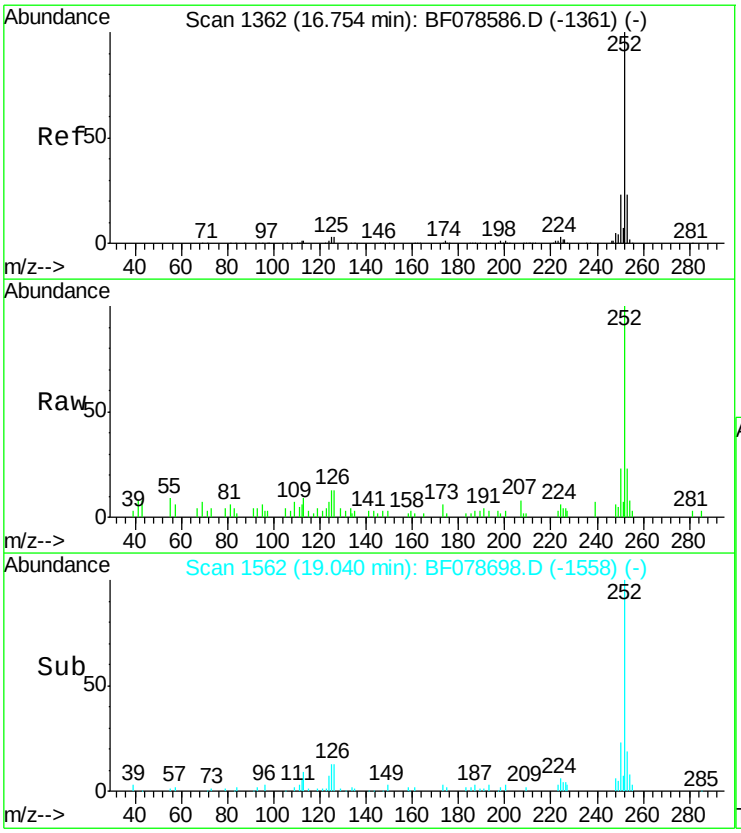
#87
Benzo(b)fluoranthene
Concen: 2.71 ng
RT: 19.04 min Scan# 1562
Delta R.T. -0.02 min
Lab File: BF078698.D
Acq: 21 Apr 2015 22:40

Instrument :
BNA_F
ClientSampleId :
SB-68AS

Tgt Ion:252 Resp: 27144

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.2	25.8
125	13.0	7.0	10.4#





#88
Benzo(k)fluoranthene
Concen: 3.05 ng
RT: 19.04 min Scan# 1562
Delta R.T. -0.06 min
Lab File: BF078698.D
Acq: 21 Apr 2015 22:40

Tgt Ion:252 Resp: 27144

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.5	26.3
125	13.0	11.6	17.4