Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
Data File : BF097493.D
Acq On : 9 Aug 2017 2:47
Operator : SJ/JU
Sample : I4652-07 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 09 03:16:08 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 07 16:02:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	95871	20.00	ng		0.00
21) Naphthalene-d8	7.69	136	364589	20.00	ng		-0.01
38) Acenaphthene-d10	9.43	164	138335	20.00	ng		0.00
63) Phenanthrene-d10	10.90	188	207306	20.00	ng		-0.01
75) Chrysene-d12	13.53	240	170851	20.00	ng		0.00
86) Perylene-d12	14.87	264	128345	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.03	112	32335	5.08	ng		0.02
7) Phenol-d6	6.10	99	47555	6.55	ng		0.01
23) Nitrobenzene-d5	6.99	82	27271	4.39	ng		0.00
41) 2,4,6-Tribromophenol	10.23	330	6499	5.95	ng		0.00
44) 2-Fluorobiphenyl	8.77	172	52461	6.44	ng		0.00
78) Terphenyl-d14	12.49	244	34515	4.12	ng		-0.01
Target Compounds							Qvalue
25) Isophorone	6.99	82	27271	2.24	ng	#	67
50) 2,6-Dinitrotoluene	9.43	165	18109	8.13	ng	#	33
56) 2,4-Dinitrotoluene	9.43	165	18109	7.07	ng	#	32
70) Phenanthrene	10.93	178	57870	5.21	ng		100
74) Fluoranthene	12.11	202	84675	7.78	ng		99
77) Pyrene	12.34	202	76660	5.48	ng		98
80) Benzo(a)anthracene	13.52	228	38337	3.47	ng		96
82) Chrysene	13.56	228	34943	3.24	ng		96
87) Benzo(b)fluoranthene	14.53	252	57818	7.49	ng	#	94
88) Benzo(k)fluoranthene	14.53	252	57818	7.86	ng		98
89) Benzo(a)pyrene	14.83	252	29736	4.21	ng	#	91
91) Benzo(g,h,i)perylene	16.43	276	15200	2.50	ng	#	90

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

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Acq On : 9 Aug 2017 2:47
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Misc :
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BNA_F
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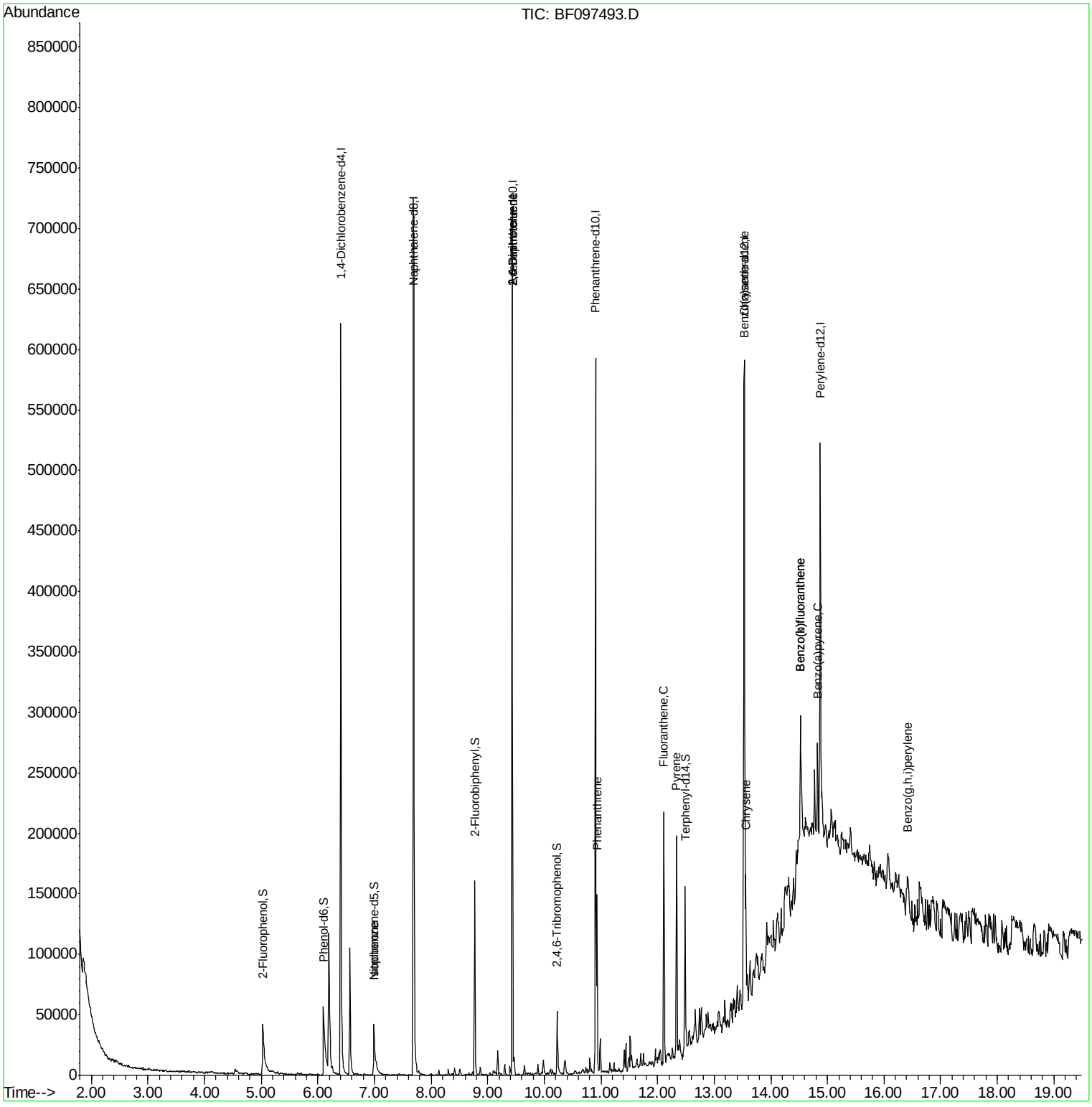
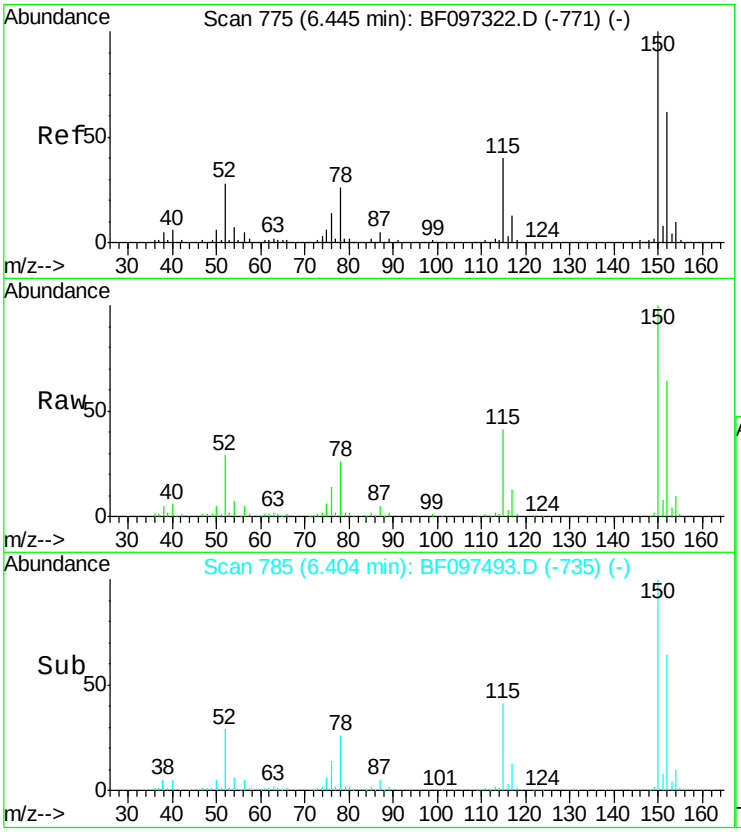
Quant Time: Aug 09 03:16:08 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 07 16:02:51 2017
Response via : Initial Calibration



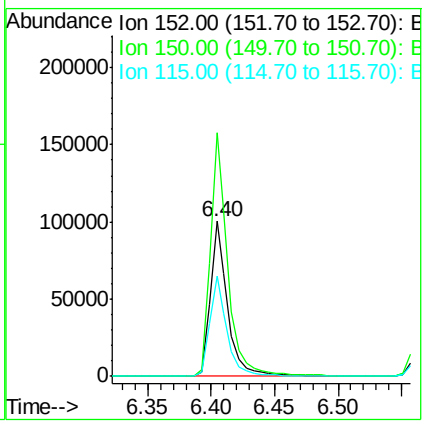


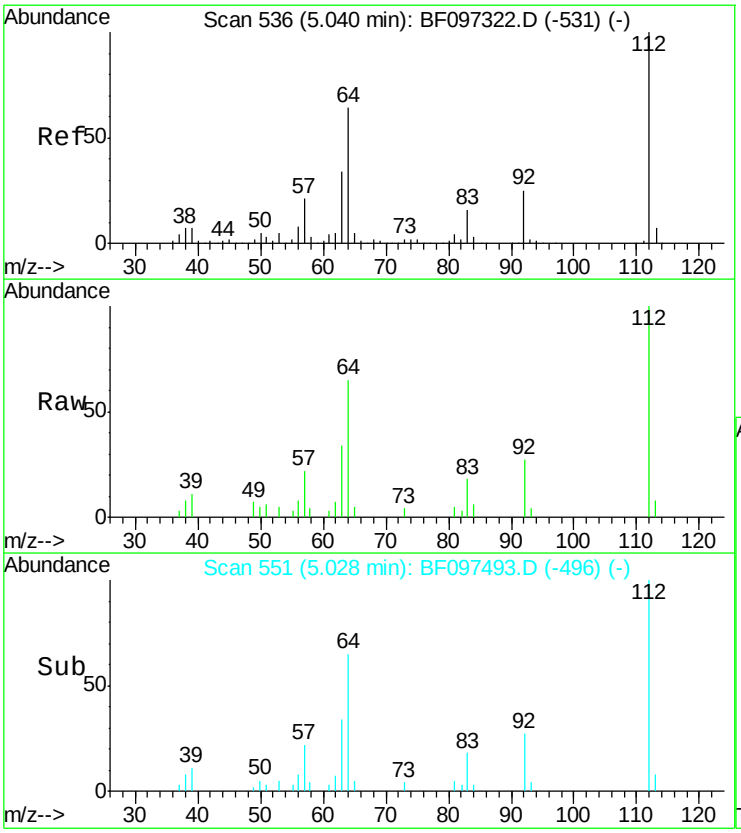
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.40 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF097493.D
Acq: 9 Aug 2017 2:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 95871

Ion	Ratio	Lower	Upper
152	100		
150	157.3	126.2	189.2
115	64.7	52.2	78.2

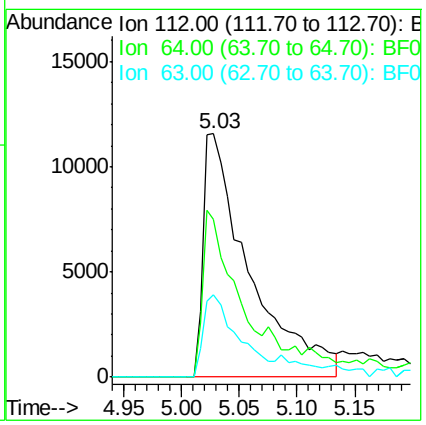


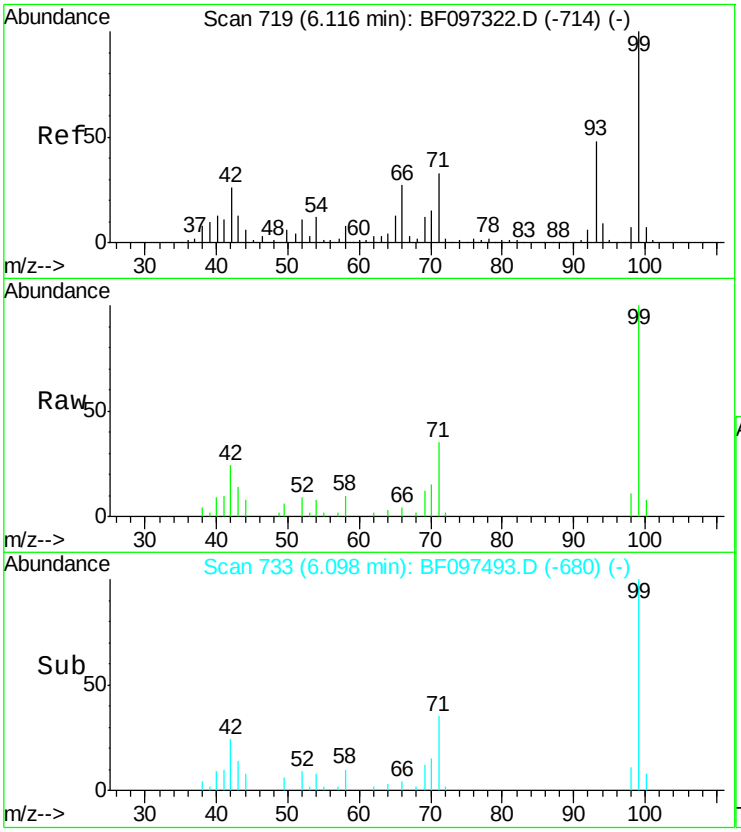


#5
2-Fluorophenol
Concen: 5.08 ng
RT: 5.03 min Scan# 551
Delta R.T. 0.02 min
Lab File: BF097493.D
Acq: 9 Aug 2017 2:47

Tgt Ion:112 Resp: 32335

Ion	Ratio	Lower	Upper
112	100		
64	65.1	46.0	69.0
63	33.8	23.4	35.0



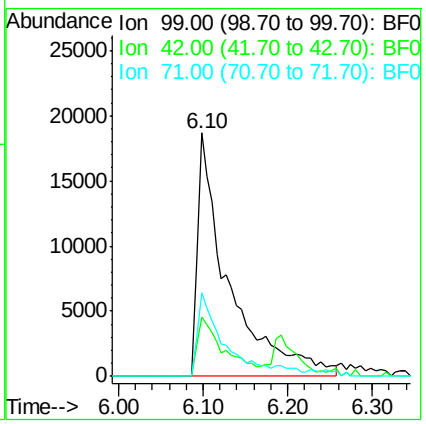


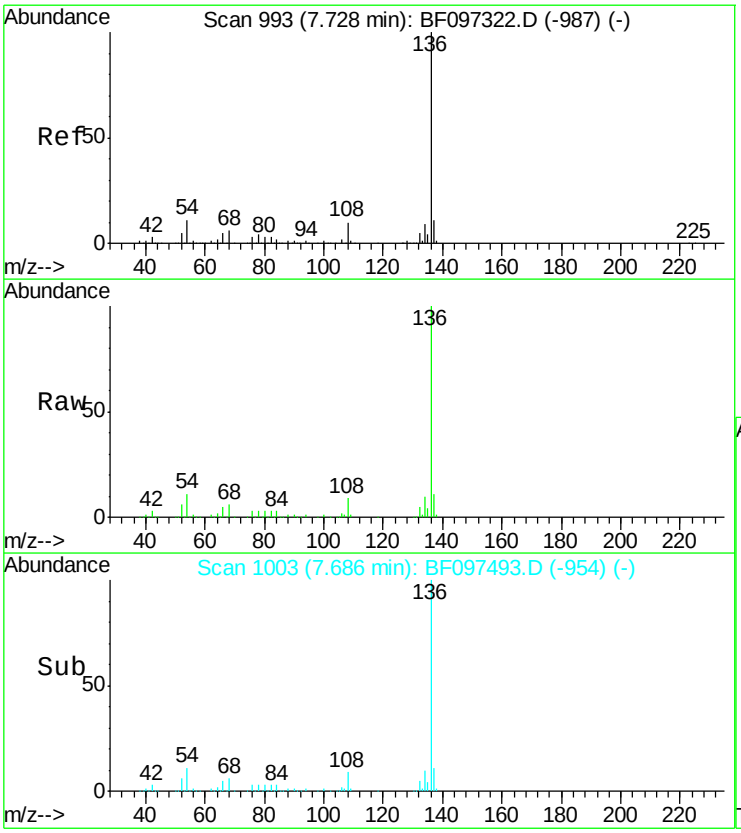
#7
Phenol-d6
Concen: 6.55 ng
RT: 6.10 min Scan# 733
Delta R.T. 0.01 min
Lab File: BF097493.D
Acq: 9 Aug 2017 2:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 47555

Ion	Ratio	Lower	Upper
99	100		
42	24.2	13.5	20.3#
71	34.5	24.5	36.7

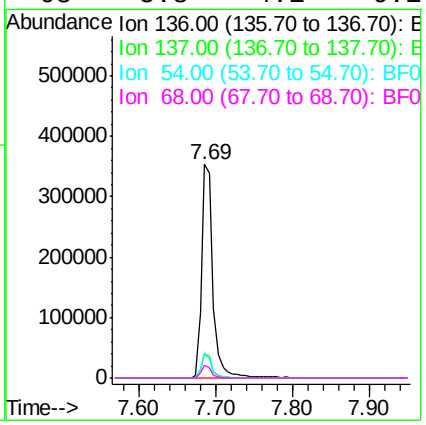


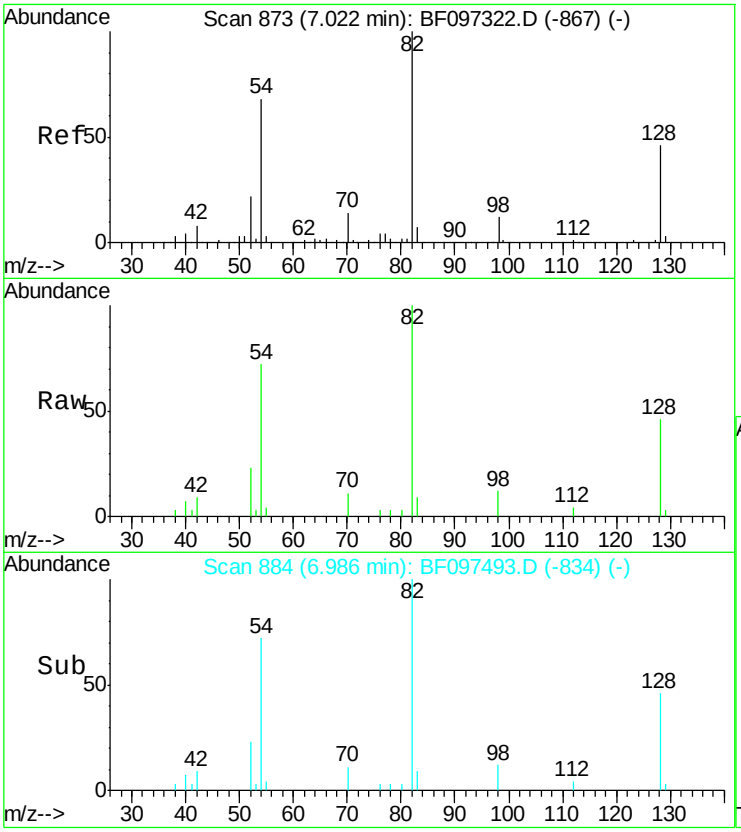


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.69 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF097493.D
Acq: 9 Aug 2017 2:47

Tgt Ion:136 Resp: 364589

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	11.3	4.9	7.3#
68	5.8	4.1	6.1



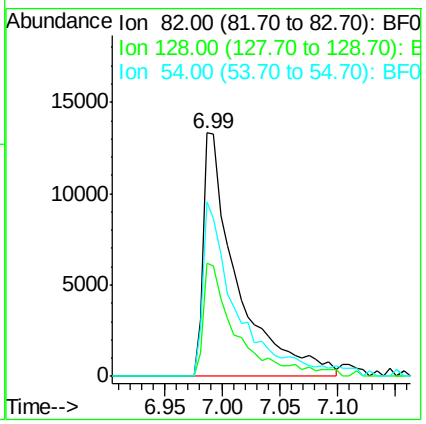


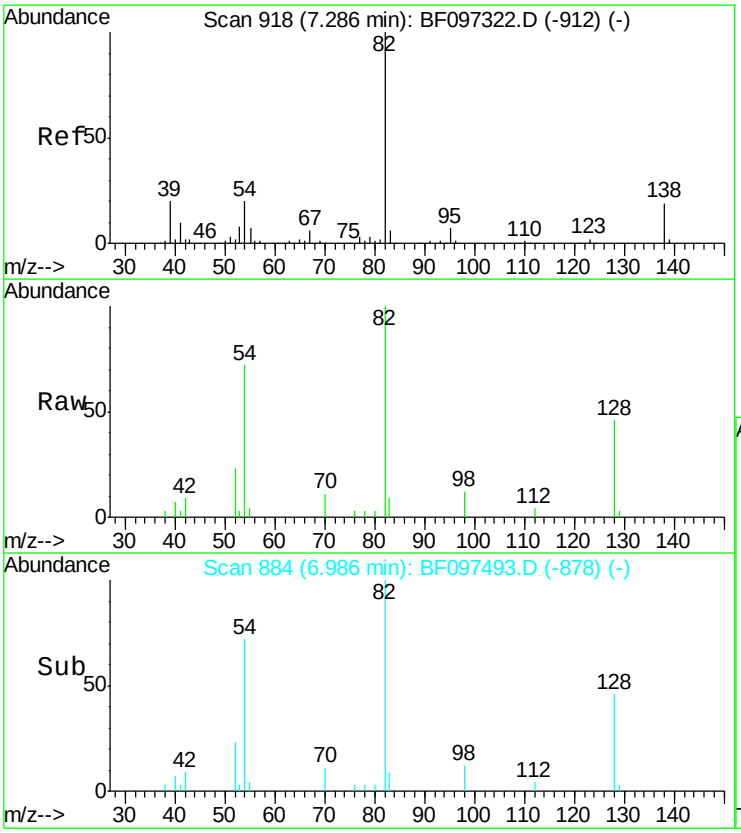
#23
Nitrobenzene-d5
Concen: 4.39 ng
RT: 6.99 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF097493.D
Acq: 9 Aug 2017 2:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 27271

Ion	Ratio	Lower	Upper
82	100		
128	46.2	34.0	51.0
54	71.7	42.2	63.2#

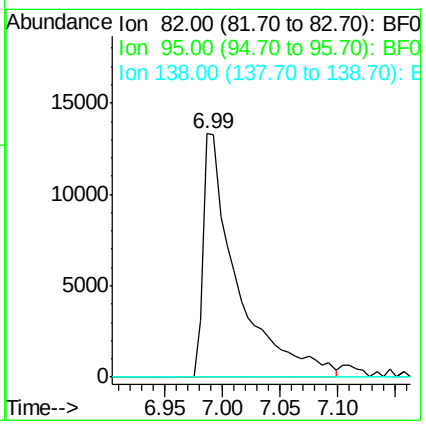


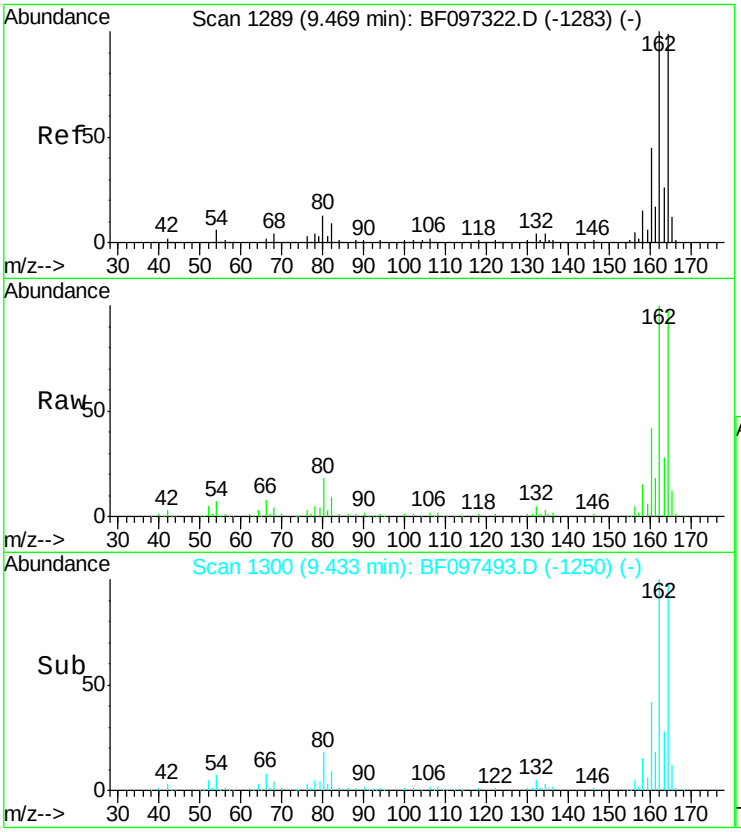


#25
Isophorone
Concen: 2.24 ng
RT: 6.99 min Scan# 884
Delta R.T. -0.26 min
Lab File: BF097493.D
Acq: 9 Aug 2017 2:47

Tgt Ion: 82 Resp: 27271

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#



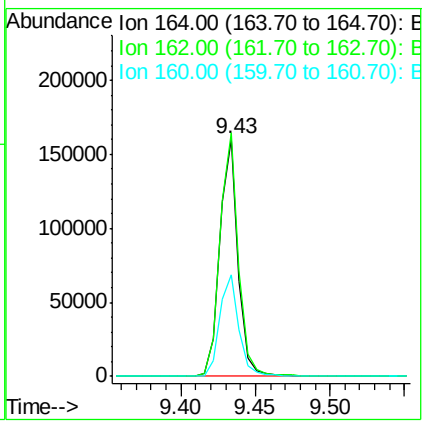


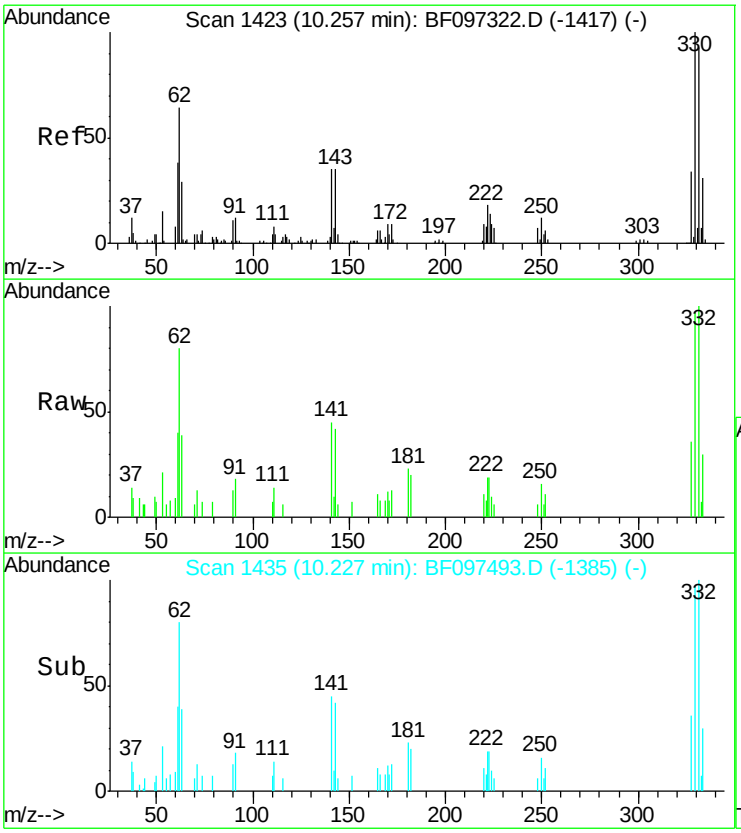
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.43 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF097493.D
Acq: 9 Aug 2017 2:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 138335

Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.6	123.8
160	43.0	36.2	54.2

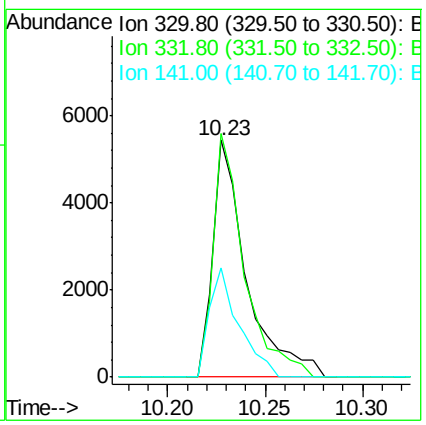


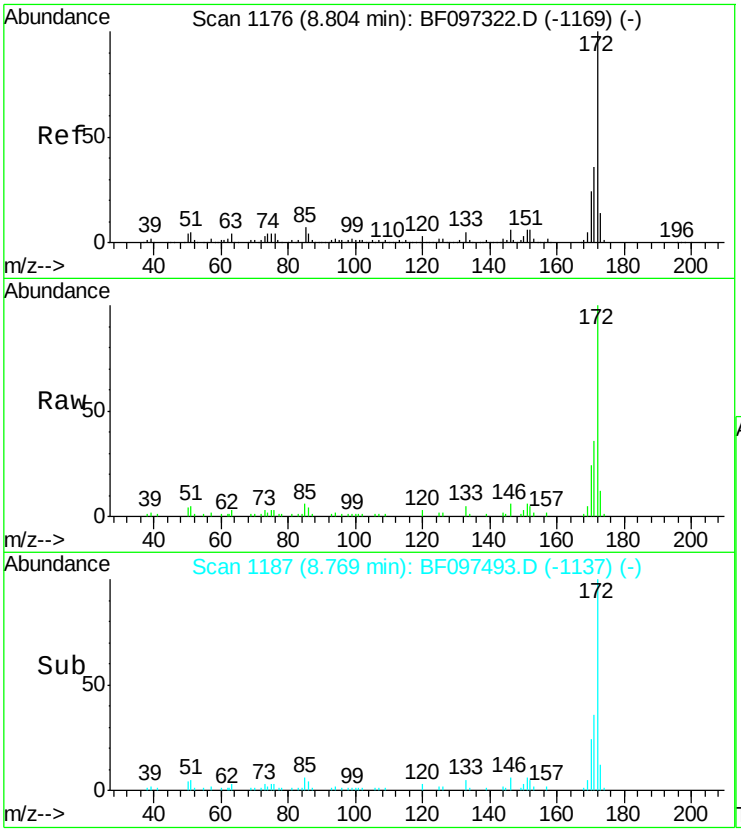


#41
2,4,6-Tribromophenol
Concen: 5.95 ng
RT: 10.23 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF097493.D
Acq: 9 Aug 2017 2:47

Tgt Ion:330 Resp: 6499

Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.6	115.0
141	40.3	31.4	47.2



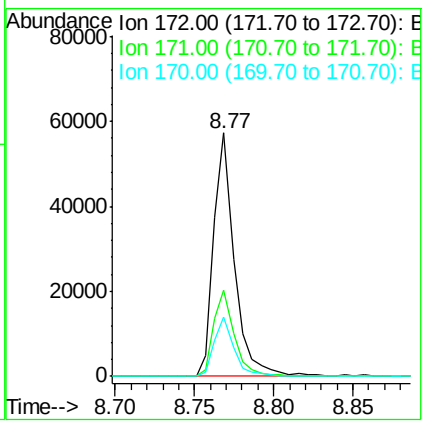


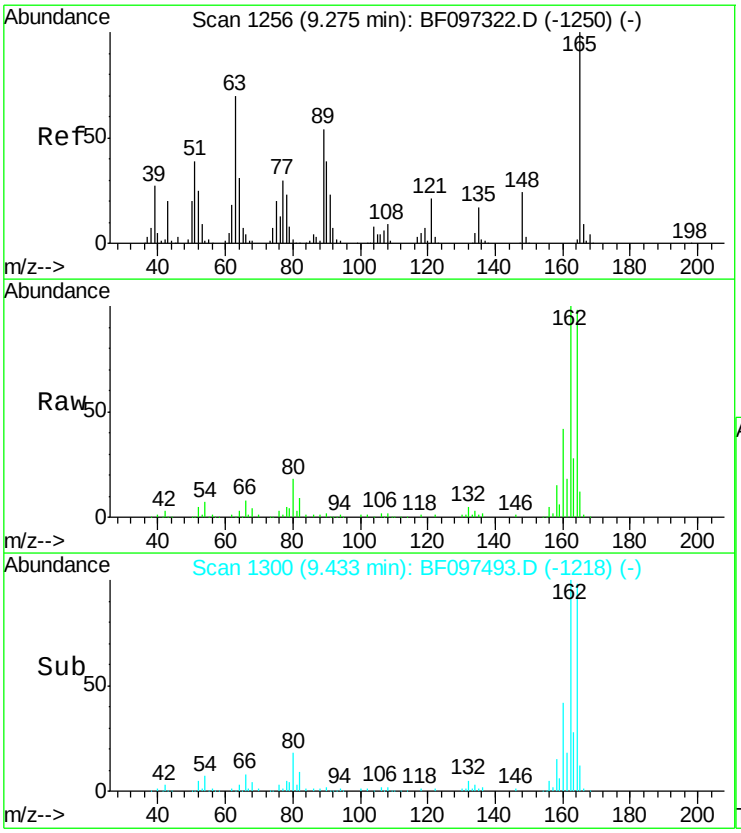
#44
2-Fluorobiphenyl
Concen: 6.44 ng
RT: 8.77 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF097493.D
Acq: 9 Aug 2017 2:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 52461

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	24.1	19.8	29.8

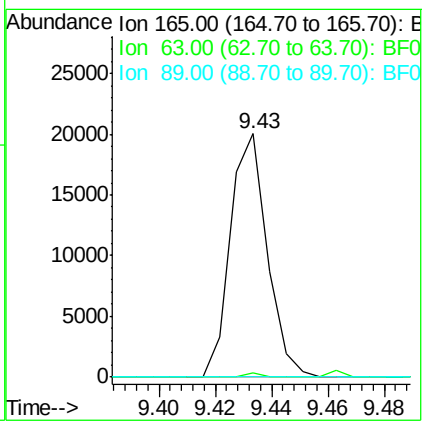


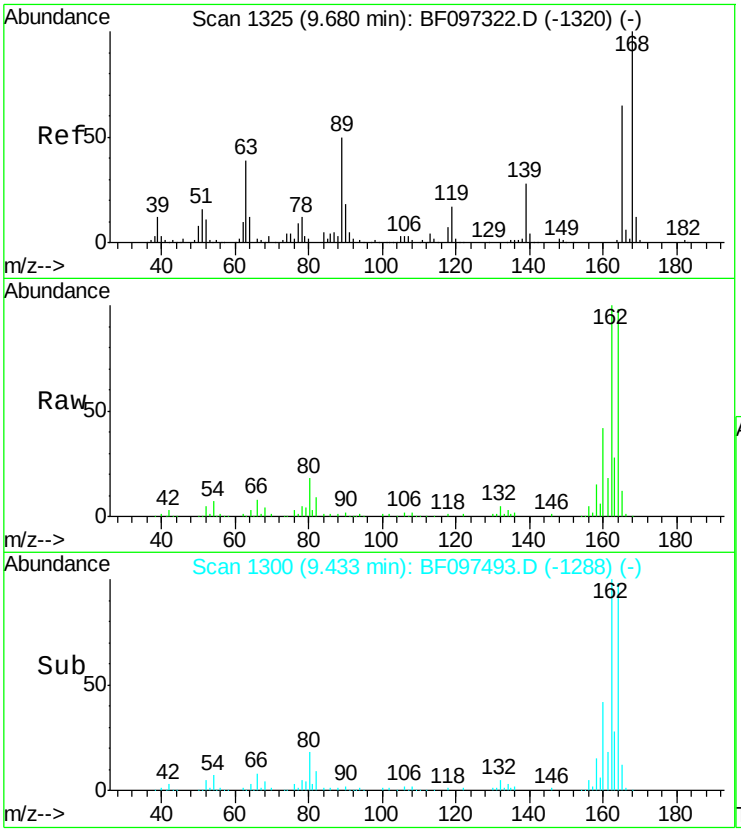


#50
2,6-Dinitrotoluene
Concen: 8.13 ng
RT: 9.43 min Scan# 1300
Delta R.T. 0.18 min
Lab File: BF097493.D
Acq: 9 Aug 2017 2:47

Tgt Ion:165 Resp: 18109

Ion	Ratio	Lower	Upper
165	100		
63	1.8	34.3	51.5#
89	0.0	37.1	55.7#



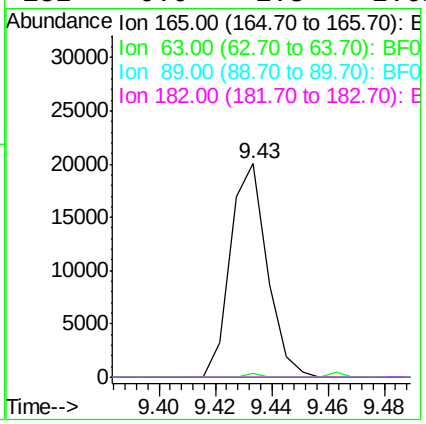


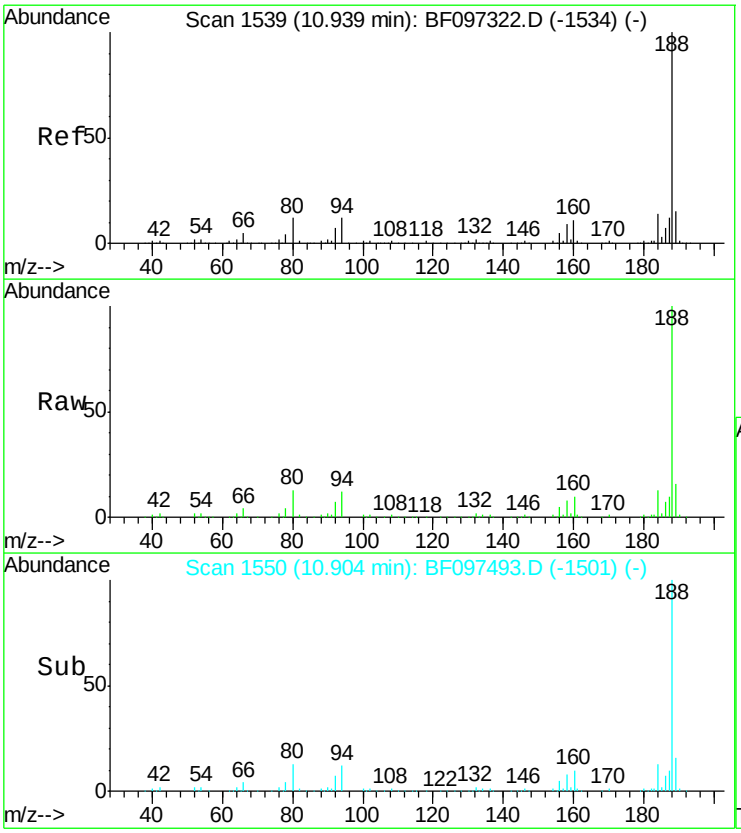
#56
2,4-Dinitrotoluene
Concen: 7.07 ng
RT: 9.43 min Scan# 1300
Delta R.T. -0.23 min
Lab File: BF097493.D
Acq: 9 Aug 2017 2:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 18109

Ion	Ratio	Lower	Upper
165	100		
63	1.8	25.4	38.0#
89	0.0	46.4	69.6#
182	0.0	1.8	2.6#

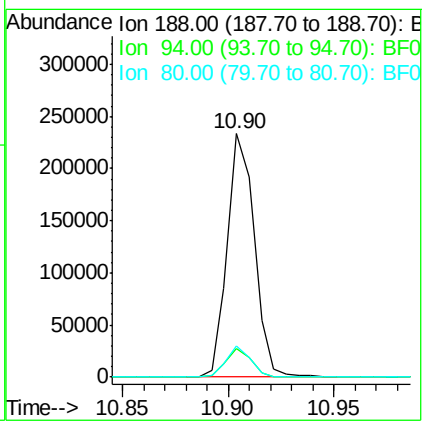


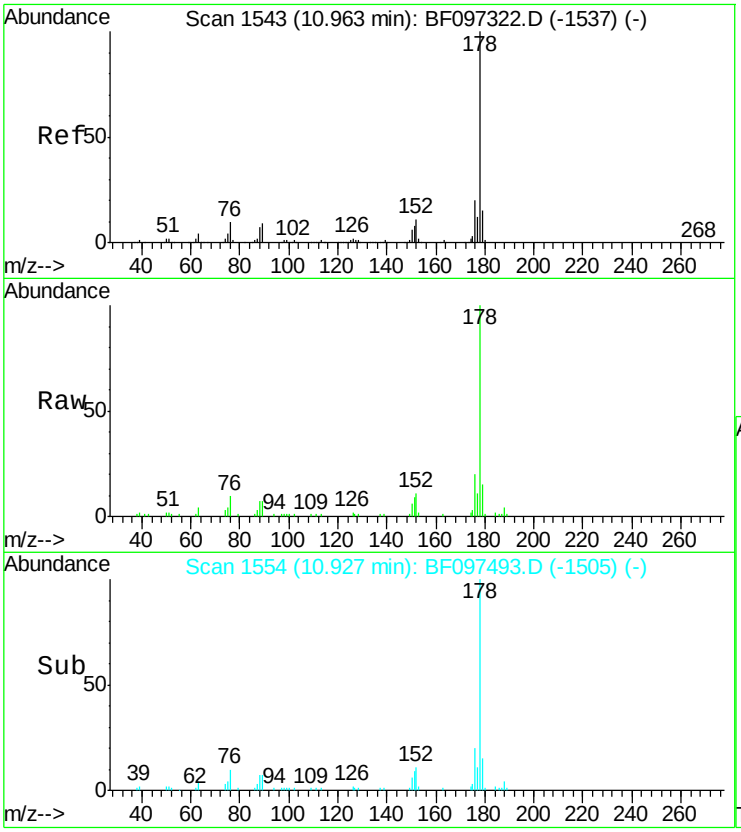


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.90 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF097493.D
Acq: 9 Aug 2017 2:47

Tgt Ion:188 Resp: 207306

Ion	Ratio	Lower	Upper
188	100		
94	11.7	9.4	14.2
80	12.7	10.2	15.2



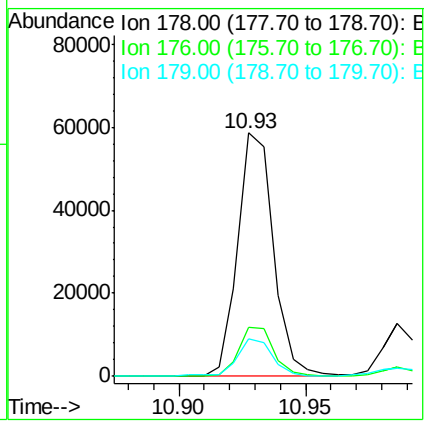


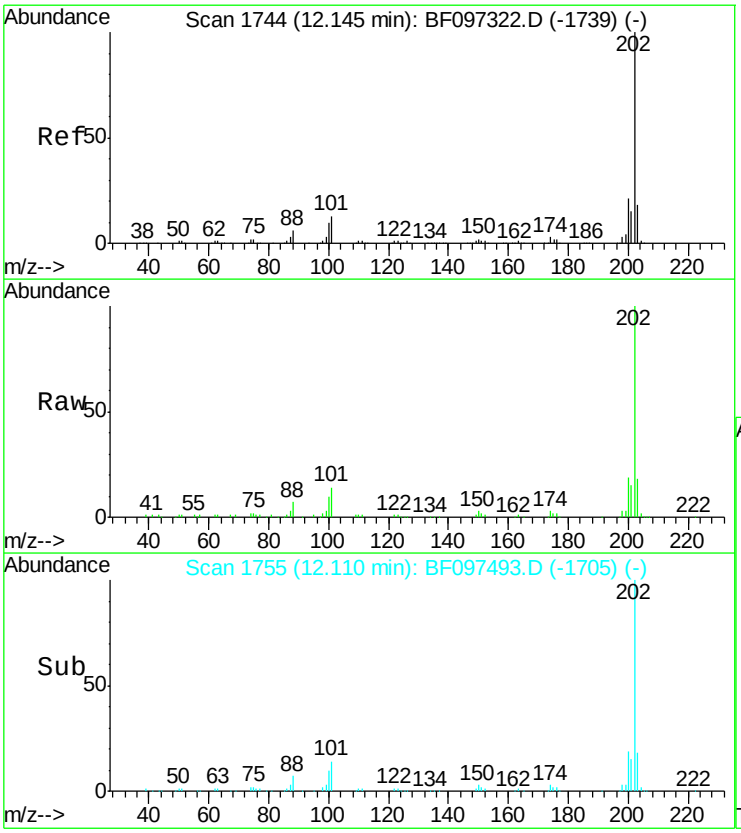
#70
Phenanthrene
Concen: 5.21 ng
RT: 10.93 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF097493.D
Acq: 9 Aug 2017 2:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 57870

Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.2	24.4
179	15.5	12.6	19.0

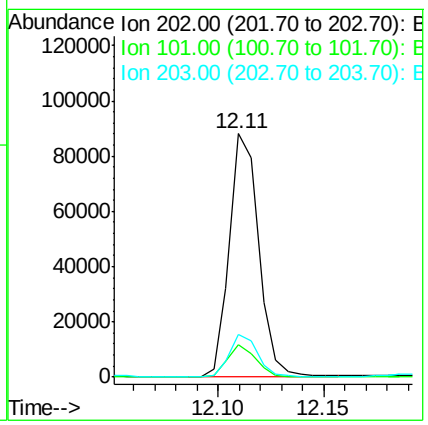


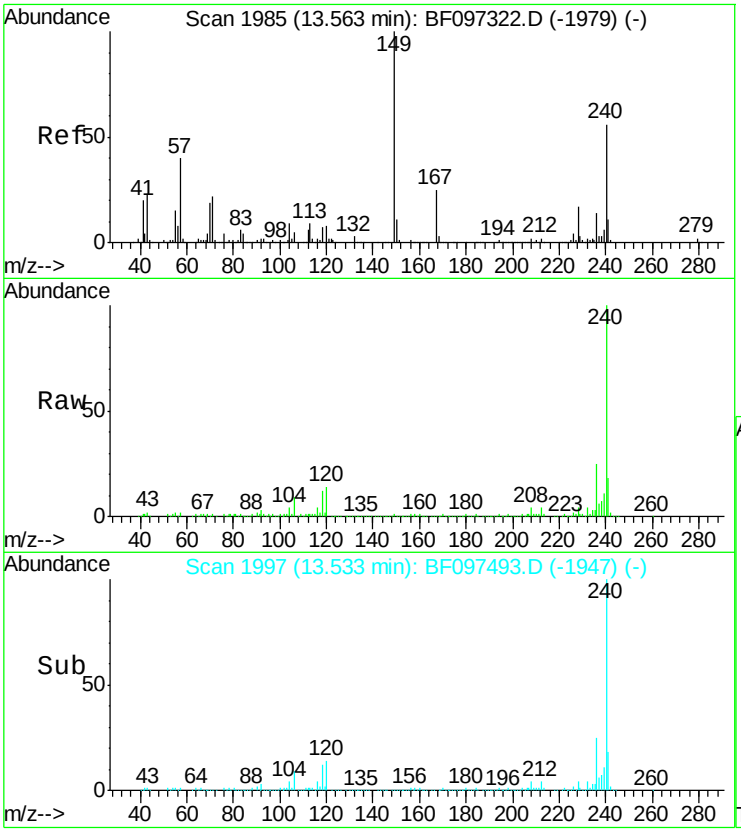


#74
Fluoranthene
Concen: 7.78 ng
RT: 12.11 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BF097493.D
Acq: 9 Aug 2017 2:47

Tgt Ion:202 Resp: 84675

Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	33.2
203	17.6	0.0	38.1



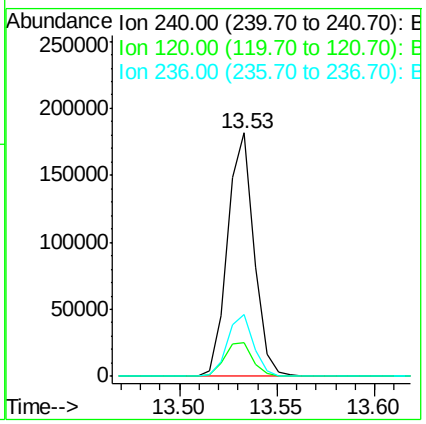


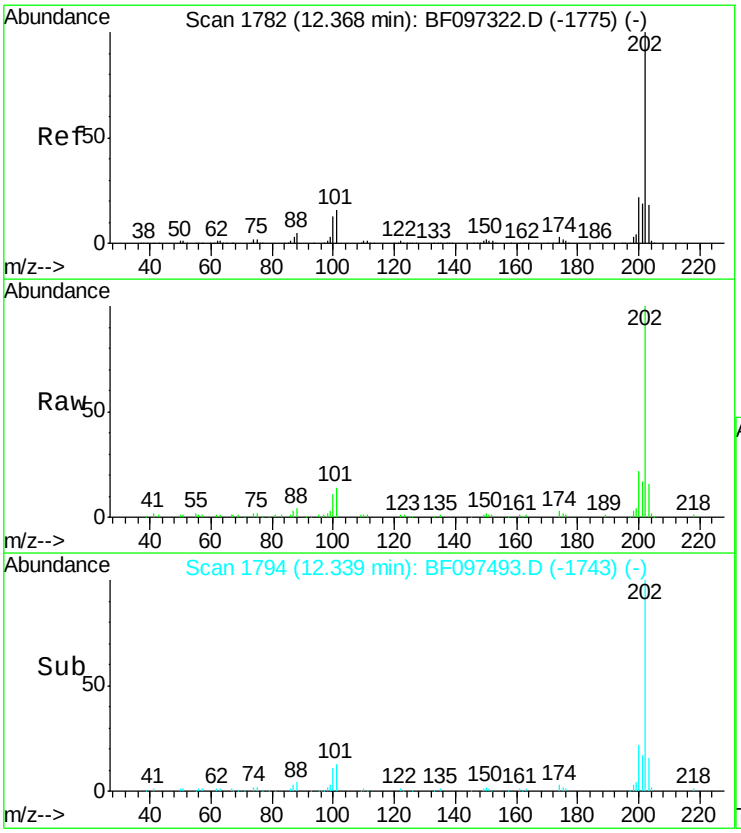
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.53 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF097493.D
Acq: 9 Aug 2017 2:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 170851

Ion	Ratio	Lower	Upper
240	100		
120	13.9	5.8	8.8#
236	25.3	20.5	30.7

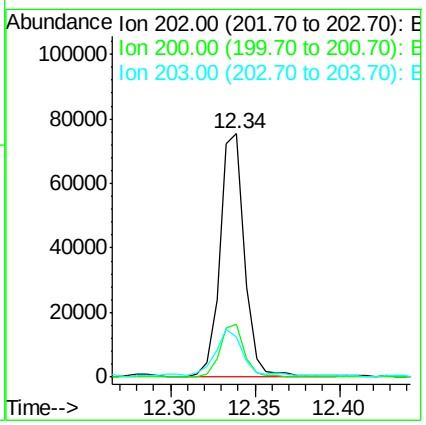


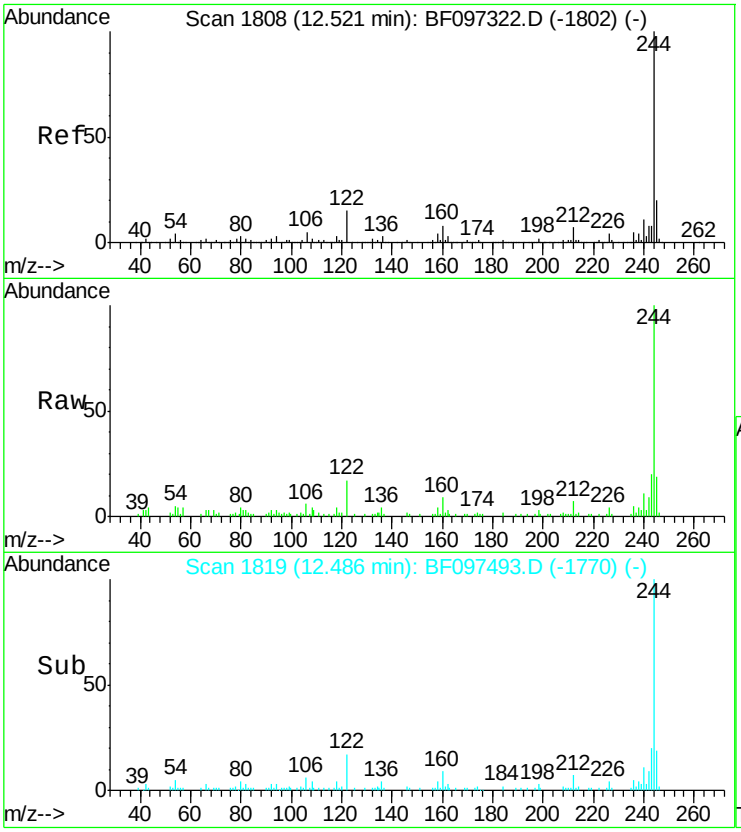


#77
Pyrene
Concen: 5.48 ng
RT: 12.34 min Scan# 1794
Delta R.T. 0.00 min
Lab File: BF097493.D
Acq: 9 Aug 2017 2:47

Tgt Ion:202 Resp: 76660

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.6	26.4
203	16.4	14.4	21.6



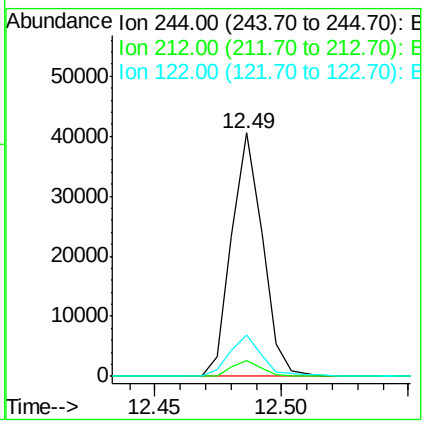


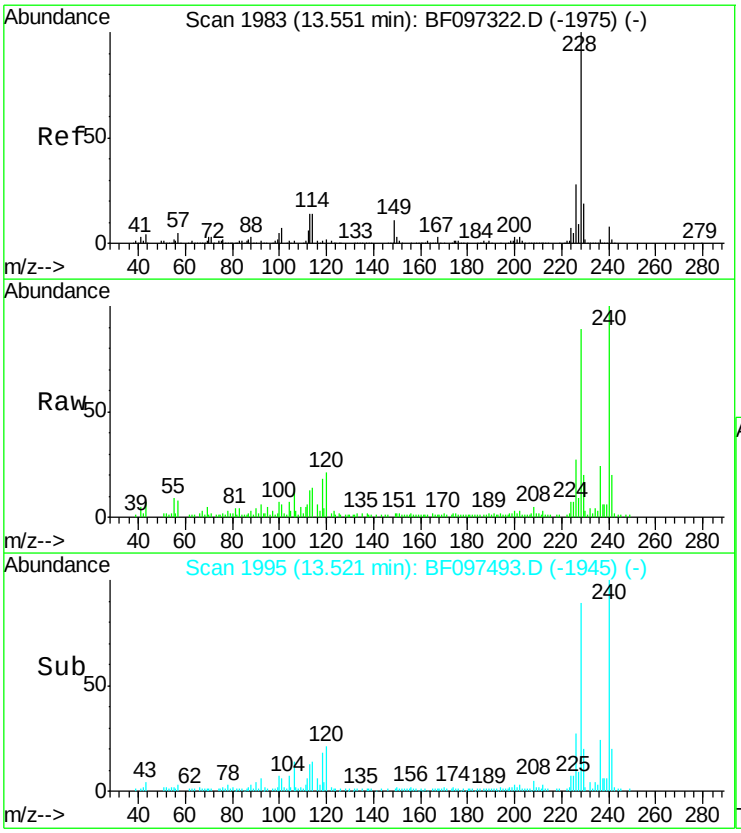
#78
Terphenyl-d14
Concen: 4.12 ng
RT: 12.49 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BF097493.D
Acq: 9 Aug 2017 2:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 34515

Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	16.8	10.3	15.5#

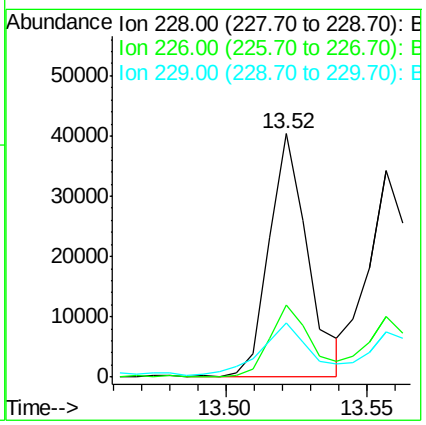


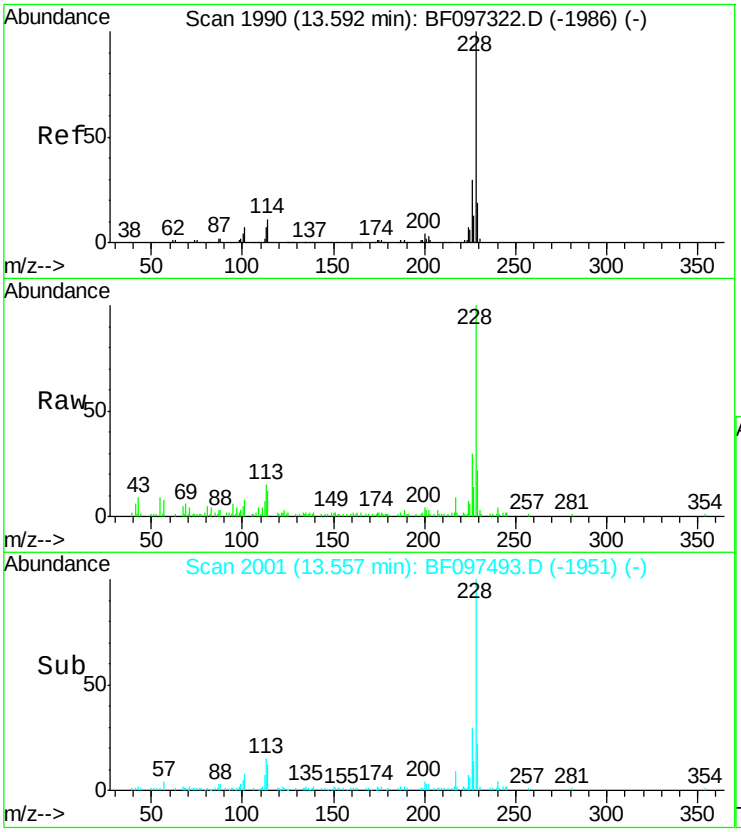


#80
Benzo(a)anthracene
Concen: 3.47 ng
RT: 13.52 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF097493.D
Acq: 9 Aug 2017 2:47

Tgt Ion:228 Resp: 38337

Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.6	33.8
229	22.4	16.3	24.5



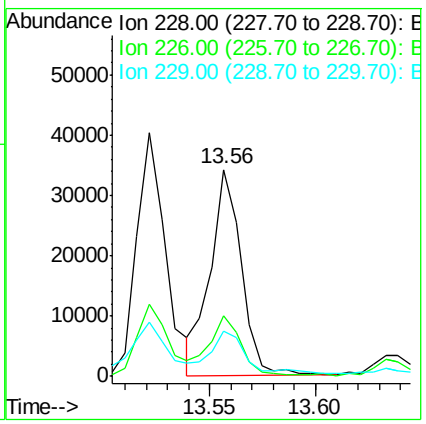


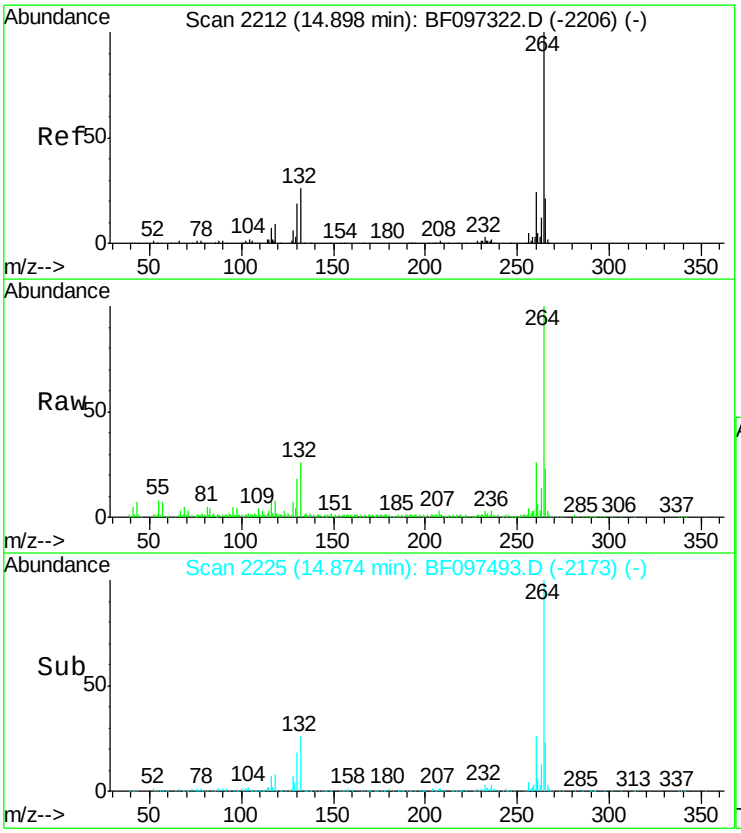
#82
Chrysene
Concen: 3.24 ng
RT: 13.56 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF097493.D
Acq: 9 Aug 2017 2:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 34943

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.9	37.3
229	22.0	15.8	23.6

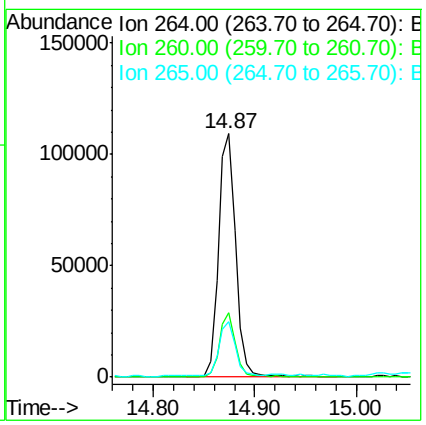


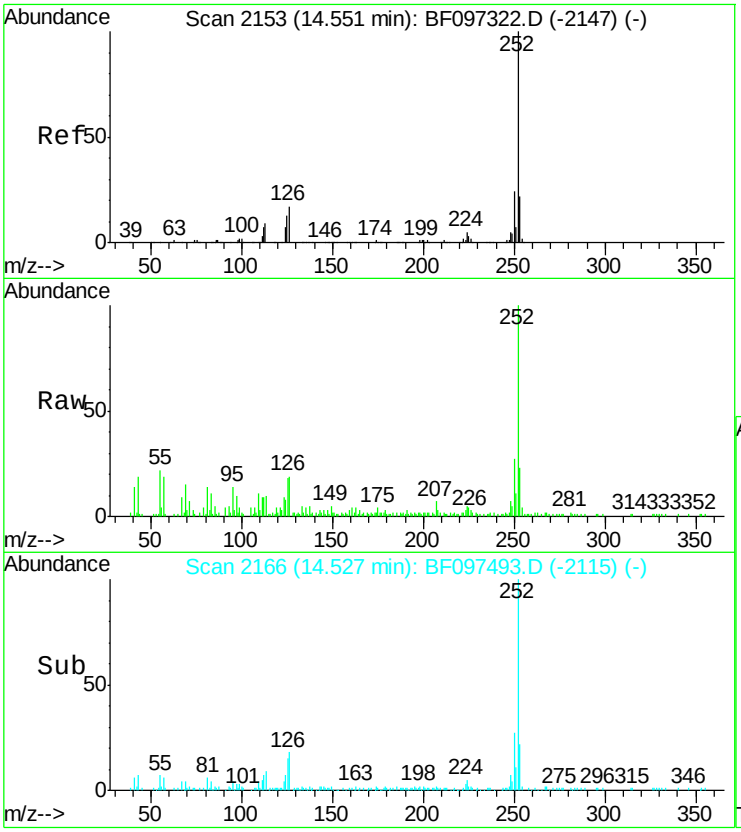


#86
Perylene-d12
Concen: 20.00 ng
RT: 14.87 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BF097493.D
Acq: 9 Aug 2017 2:47

Tgt Ion:264 Resp: 128345

Ion	Ratio	Lower	Upper
264	100		
260	26.5	19.5	29.3
265	22.9	17.2	25.8



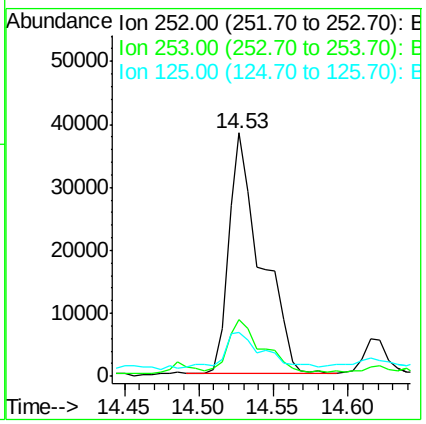


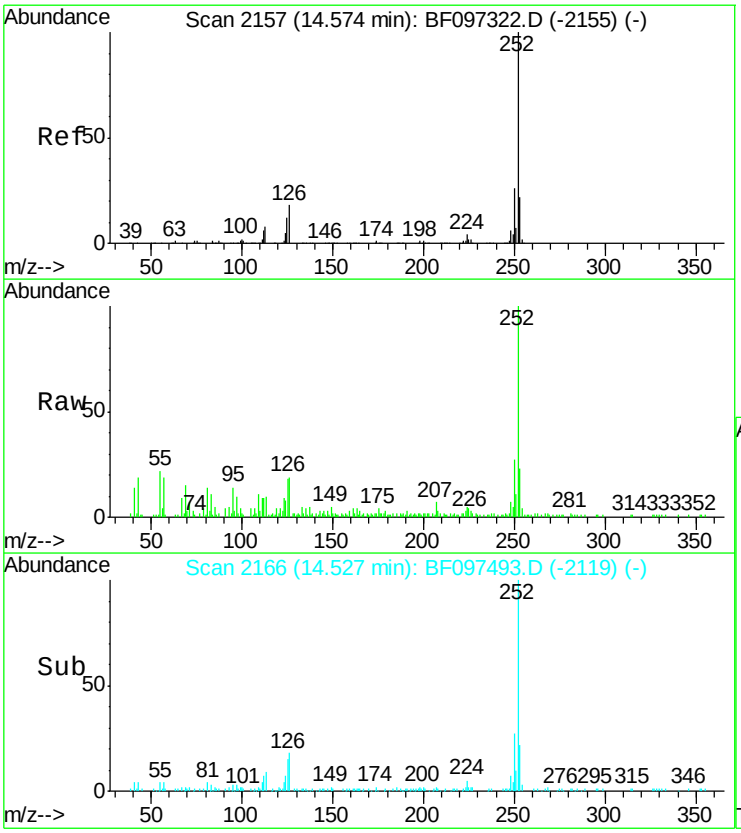
#87
Benzo(b)fluoranthene
Concen: 7.49 ng
RT: 14.53 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BF097493.D
Acq: 9 Aug 2017 2:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 57818

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.1	27.1
125	18.0	9.8	14.8#

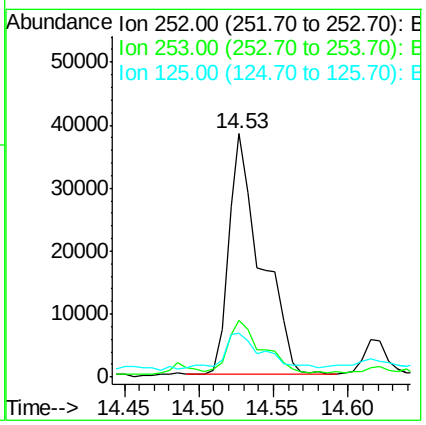


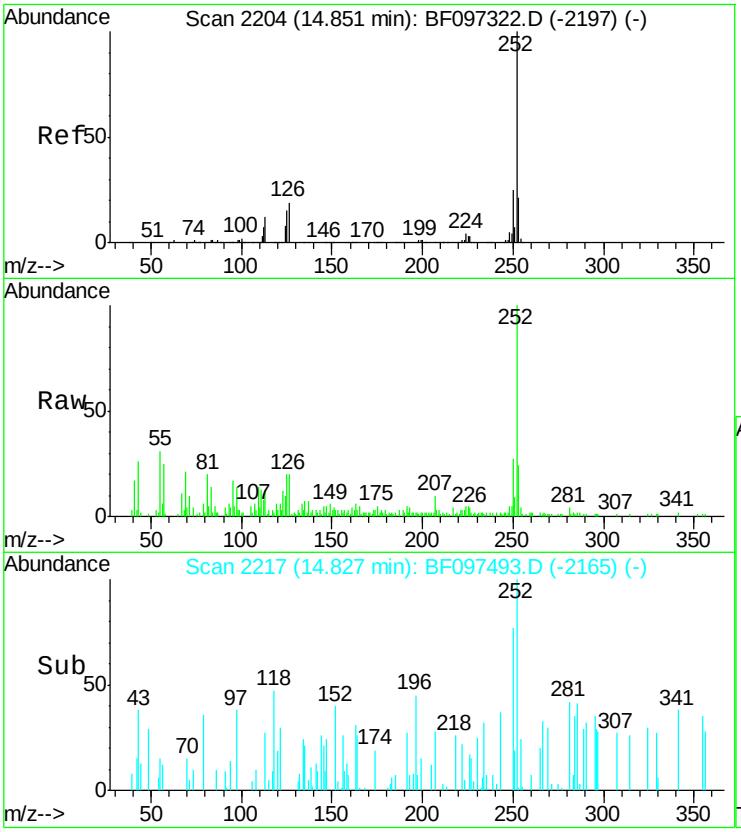


#88
Benzo(k)fluoranthene
Concen: 7.86 ng
RT: 14.53 min Scan# 2166
Delta R.T. -0.02 min
Lab File: BF097493.D
Acq: 9 Aug 2017 2:47

Tgt Ion:252 Resp: 57818

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.4	27.6
125	18.0	13.1	19.7



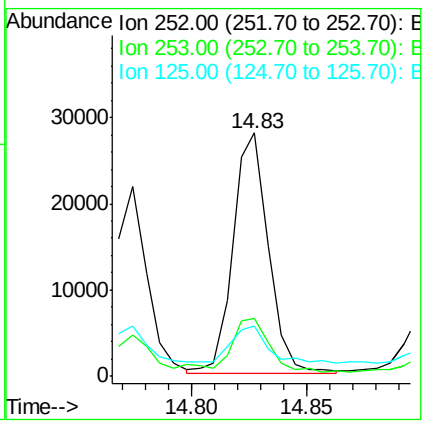


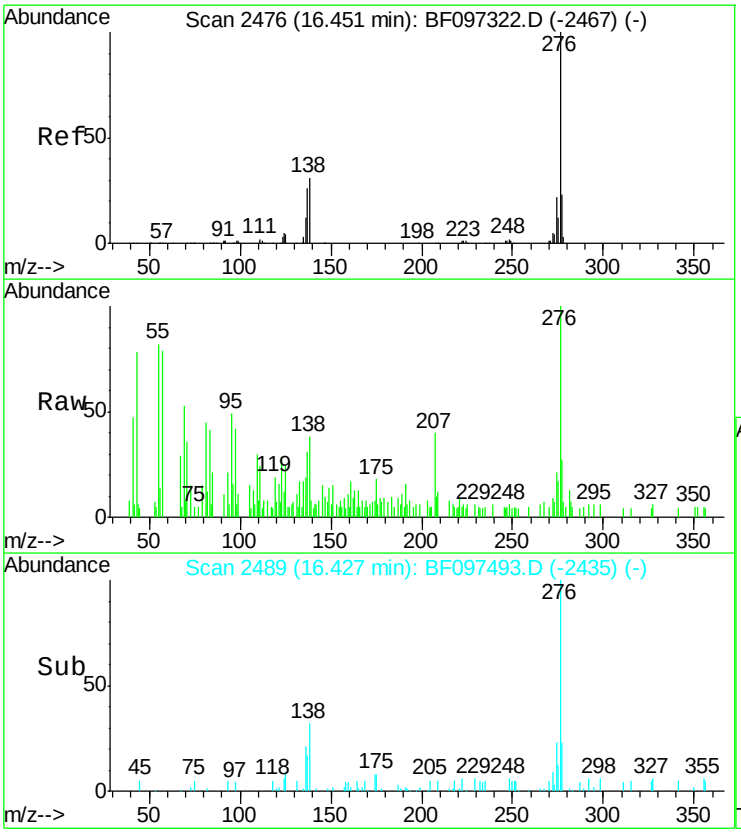
#89
Benzo(a)pyrene
Concen: 4.21 ng
RT: 14.83 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF097493.D
Acq: 9 Aug 2017 2:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 29736

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.5	26.3
125	20.4	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 2.50 ng
RT: 16.43 min Scan# 2489
Delta R.T. 0.02 min
Lab File: BF097493.D
Acq: 9 Aug 2017 2:47

Tgt Ion:276 Resp: 15200

Ion	Ratio	Lower	Upper
276	100		
277	26.6	18.6	28.0
138	38.3	25.4	38.0#