Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
Data File : BF102124.D
Acq On : 16 Jan 2018 21:56
Operator : SJ/JU
Sample : J1014-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 17 02:27:57 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 11 12:53:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	140770	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	544724	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	233698	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	347878	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	244081	20.00	ng	-0.02
86) Perylene-d12	15.28	264	259588	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	54395	5.46	ng	-0.01
7) Phenol-d6	6.35	99	65726	5.53	ng	-0.02
23) Nitrobenzene-d5	7.27	82	40334	4.35	ng	-0.02
41) 2,4,6-Tribromophenol	10.54	330	12035	5.90	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	76725	5.13	ng	-0.02
78) Terphenyl-d14	12.82	244	47844	4.07	ng	-0.02
Target Compounds						Qvalue
56) 2,4-Dinitrotoluene	9.75	165	33051	7.042	ng	# 24
74) Fluoranthene	12.44	202	66875	3.345	ng	95
77) Pyrene	12.67	202	65238	3.024	ng	98
80) Benzo(a)anthracene	13.86	228	35237	2.263	ng	95
82) Chrysene	13.89	228	34076	2.098	ng	94
87) Benzo(b)fluoranthene	14.87	252	61681	3.644	ng	94
88) Benzo(k)fluoranthene	14.87	252	61681	3.778	ng	97
89) Benzo(a)pyrene	15.22	252	33789	2.218	ng	# 96

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

Quantitation Report (Not Reviewed)

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Data File : BF102124.D
Acq On : 16 Jan 2018 21:56
Operator : SJ/JU
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 17 02:27:57 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 11 12:53:54 2018
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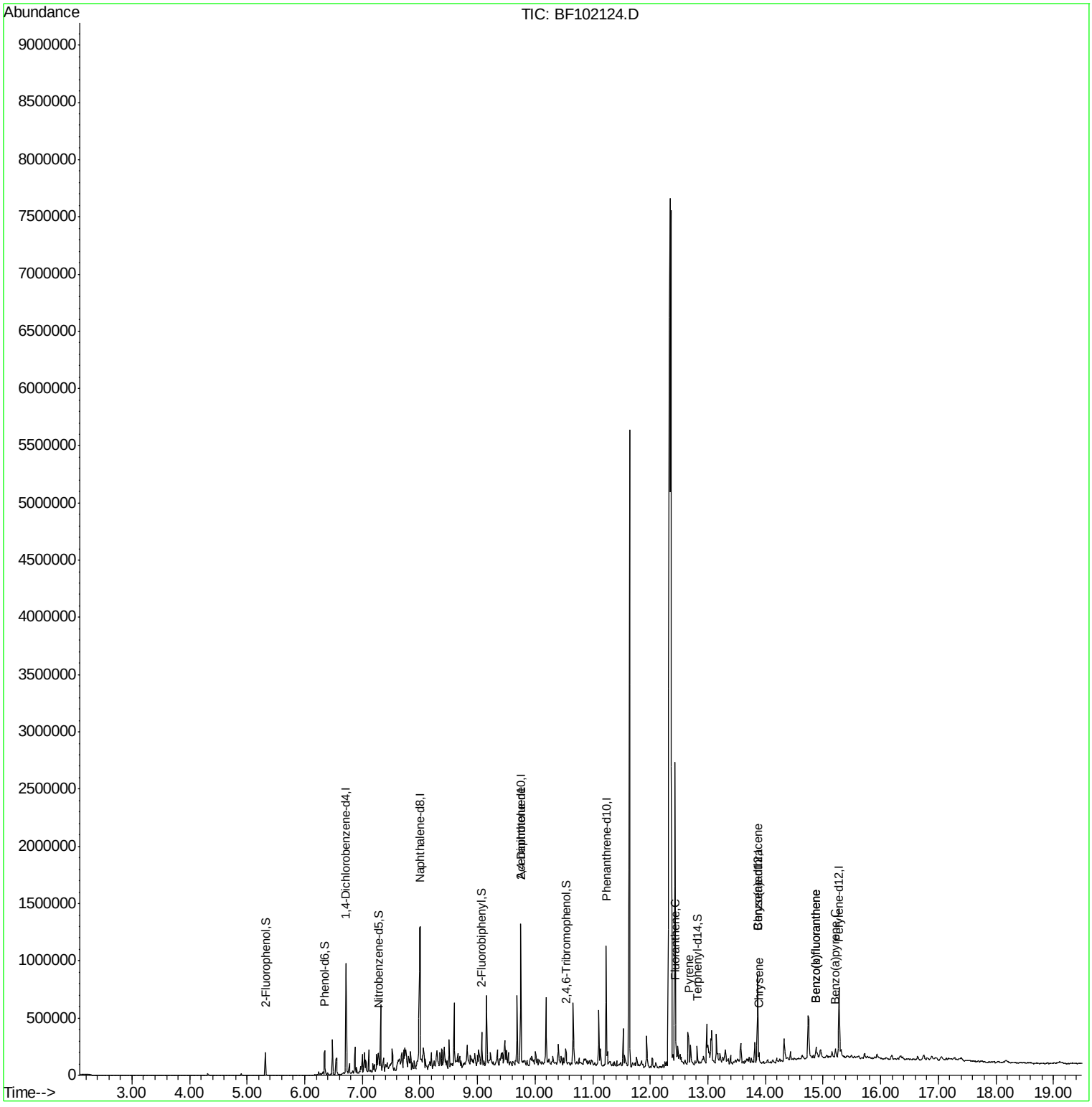
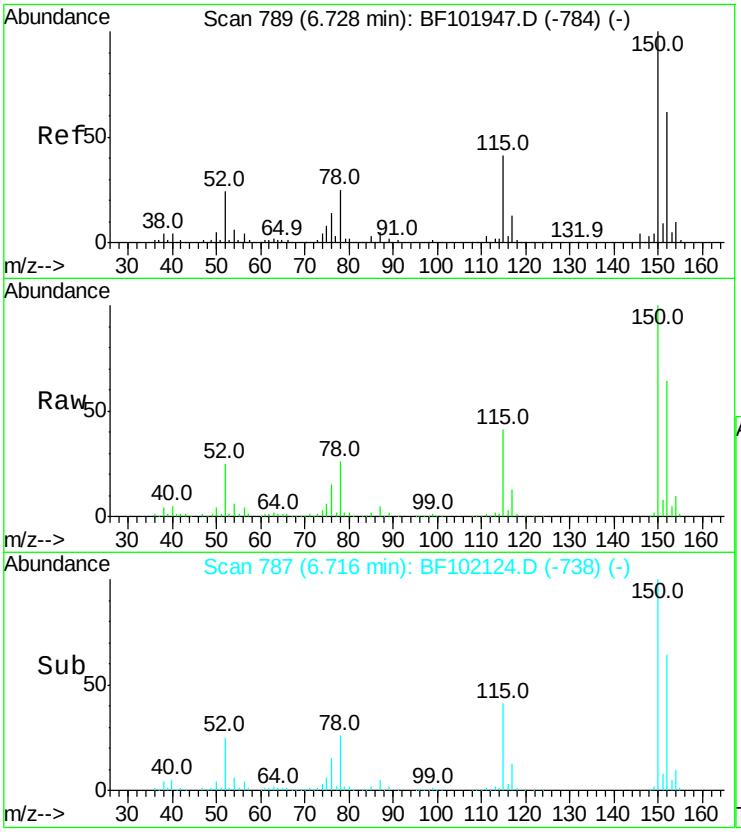


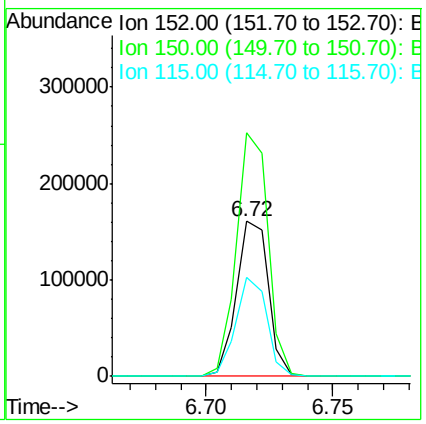


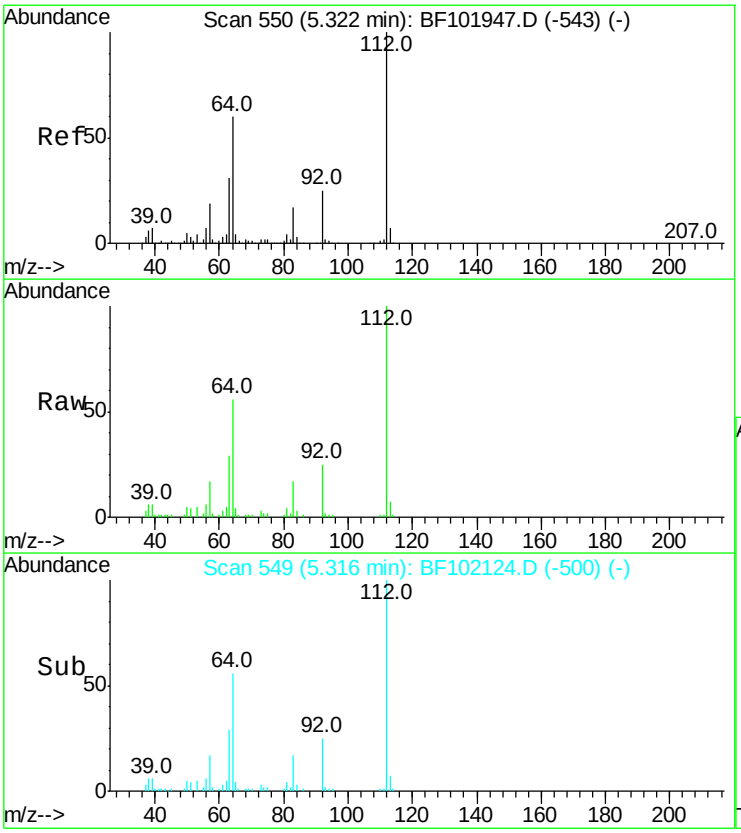
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF102124.D
Acq: 16 Jan 2018 21:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 140770

Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.6	186.8
115	64.3	50.1	75.1

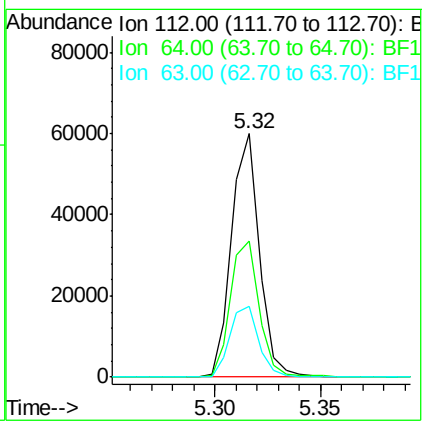


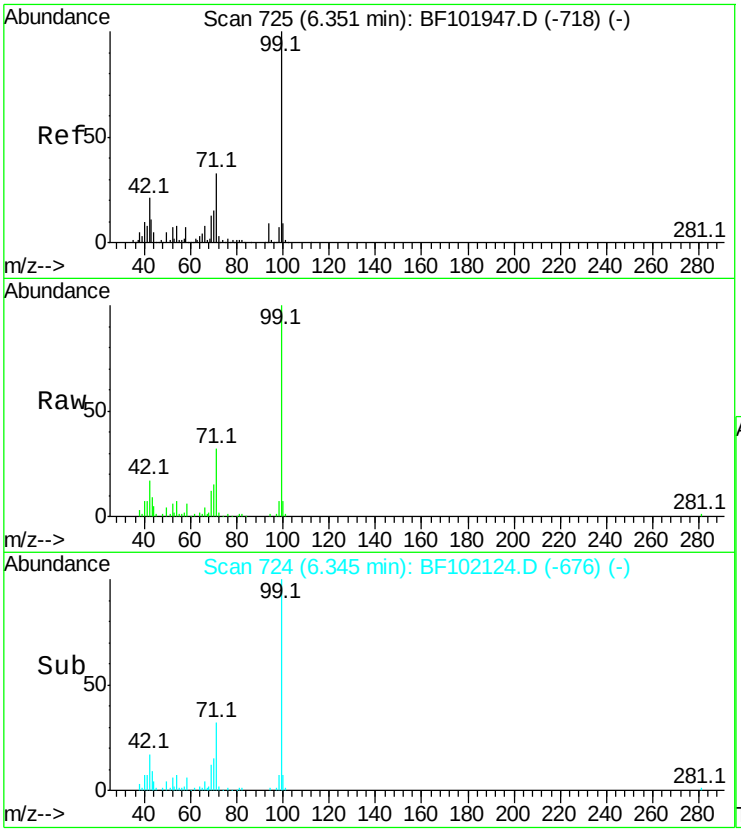


#5
2-Fluorophenol
Concen: 5.456 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF102124.D
Acq: 16 Jan 2018 21:56

Tgt Ion:112 Resp: 54395

Ion	Ratio	Lower	Upper
112	100		
64	55.9	47.9	71.9
63	29.2	23.7	35.5



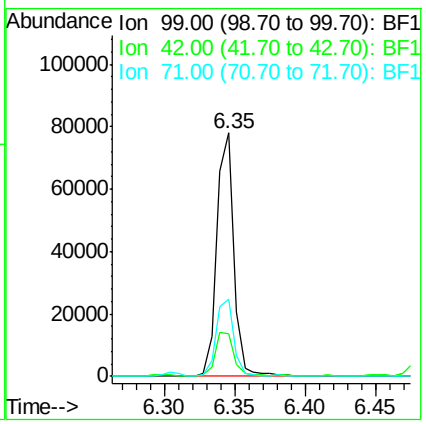


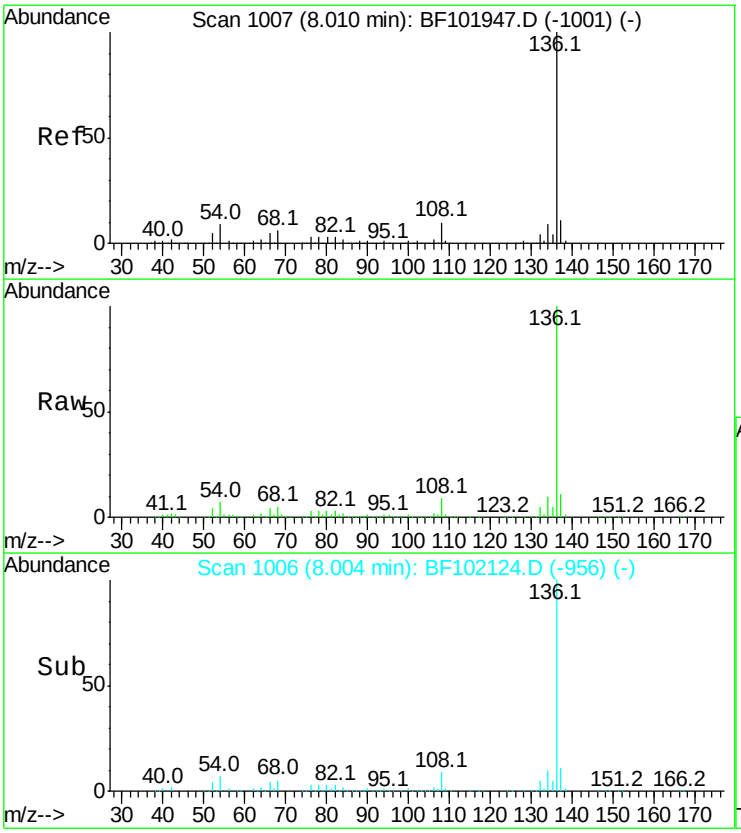
#7
Phenol-d6
Concen: 5.526 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF102124.D
Acq: 16 Jan 2018 21:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 65726

Ion	Ratio	Lower	Upper
99	100		
42	17.4	14.5	21.7
71	31.6	25.4	38.0

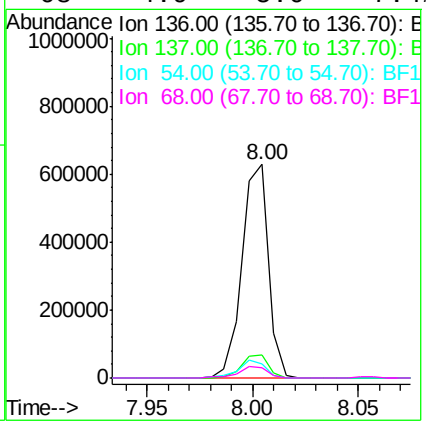


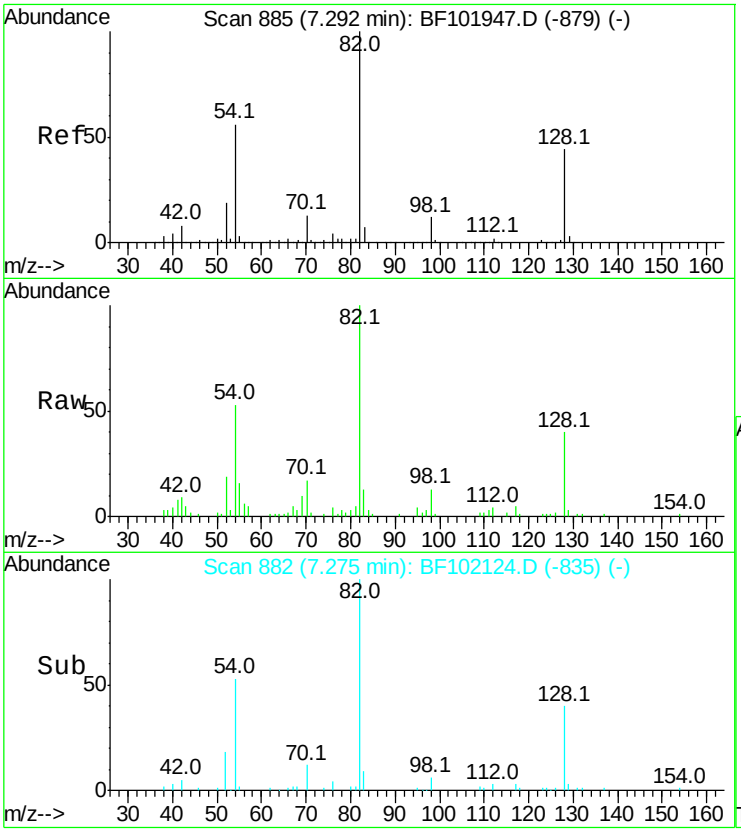


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102124.D
Acq: 16 Jan 2018 21:56

Tgt Ion:136 Resp: 544724

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	6.9	6.6	9.8
68	4.9	5.0	7.4#



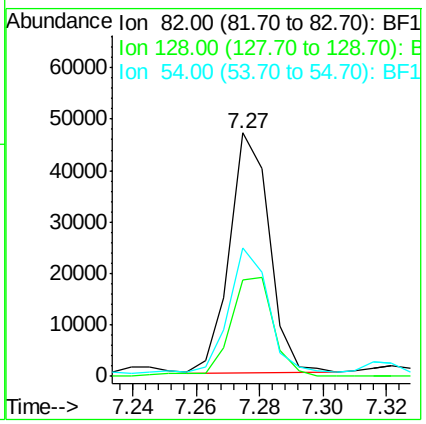


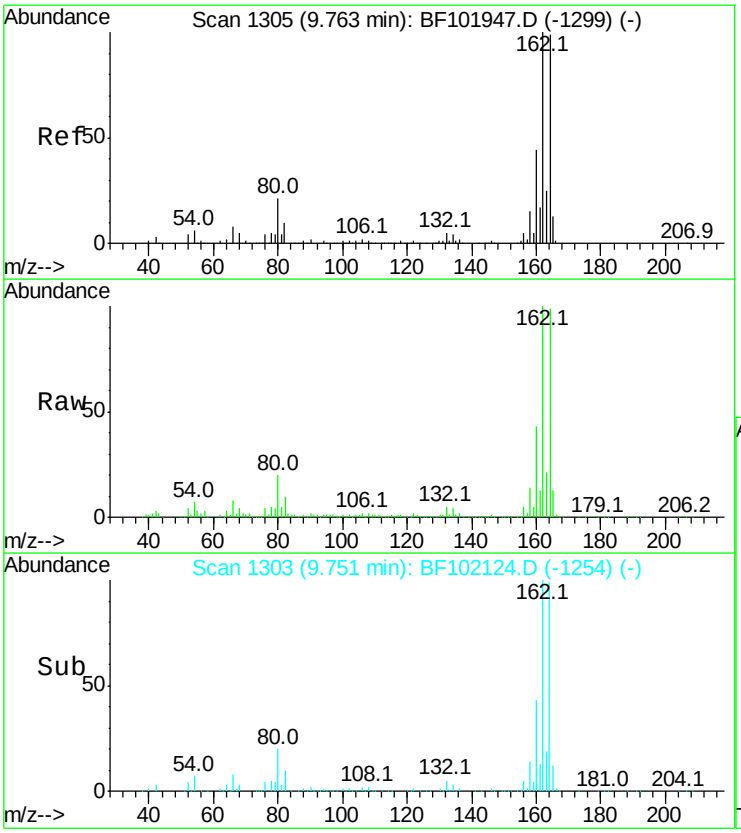
#23
Nitrobenzene-d5
Concen: 4.351 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF102124.D
Acq: 16 Jan 2018 21:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 40334

Ion	Ratio	Lower	Upper
82	100		
128	39.7	36.1	54.1
54	53.0	41.4	62.2

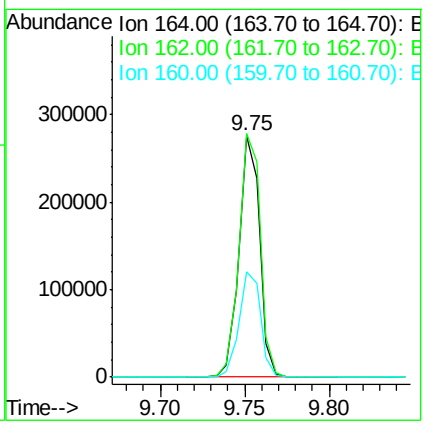


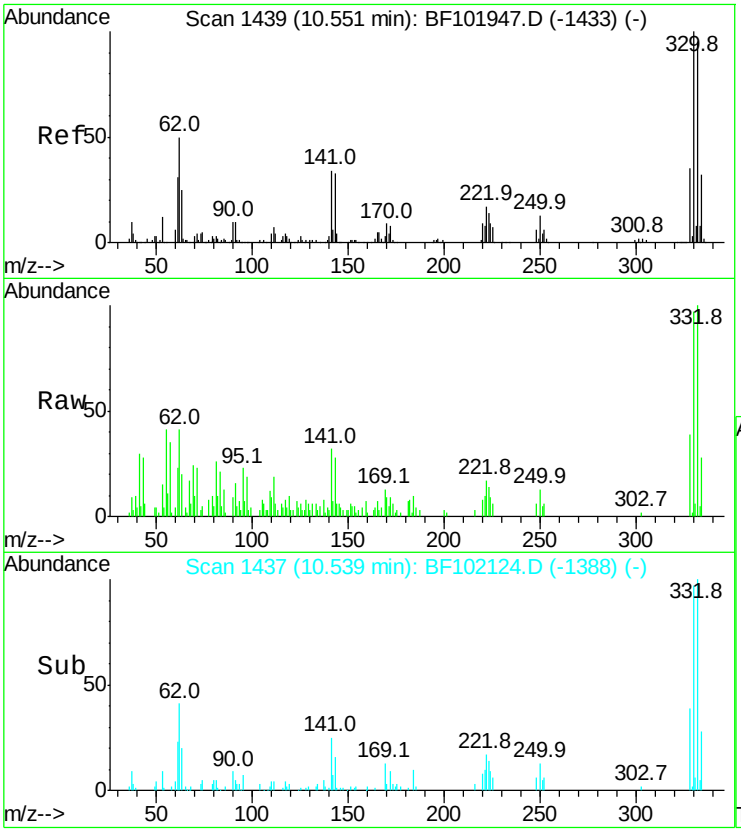


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF102124.D
Acq: 16 Jan 2018 21:56

Tgt Ion:164 Resp: 233698

Ion	Ratio	Lower	Upper
164	100		
162	100.9	86.1	129.1
160	43.5	38.3	57.5



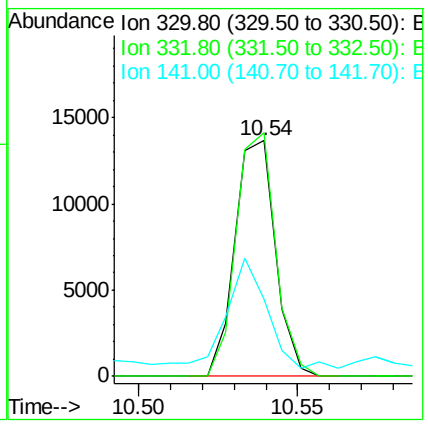


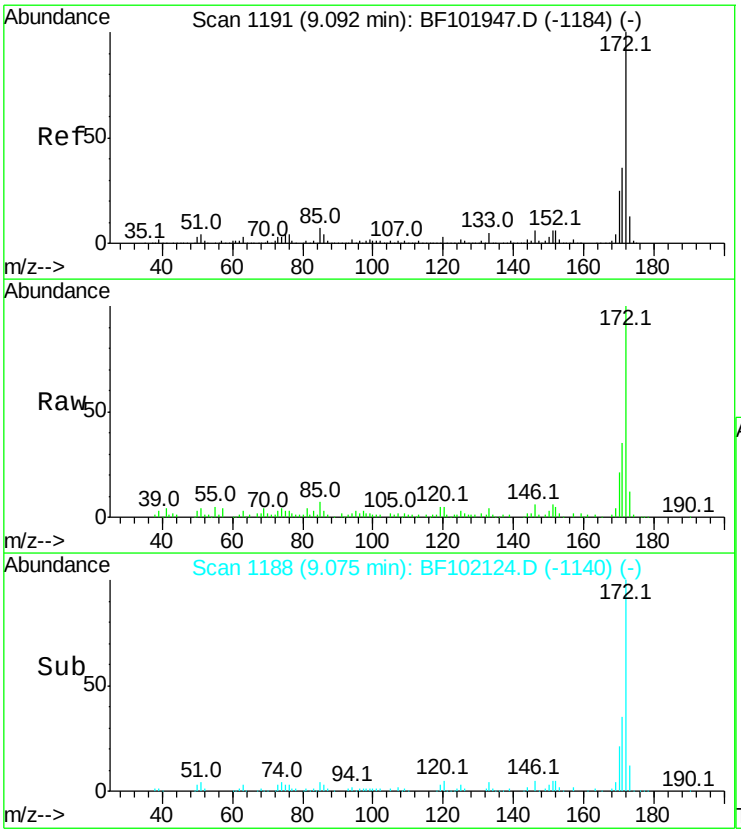
#41
2,4,6-Tribromophenol
Concen: 5.901 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF102124.D
Acq: 16 Jan 2018 21:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 12035

Ion	Ratio	Lower	Upper
330	100		
332	101.2	77.0	115.6
141	46.7	29.9	44.9#

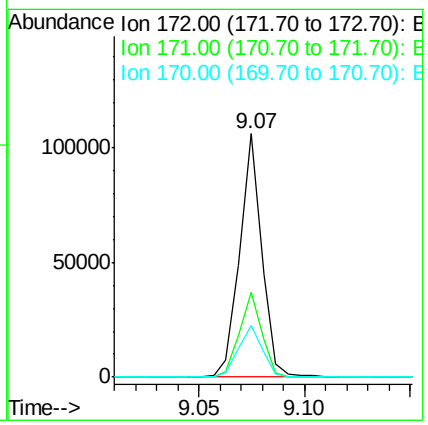


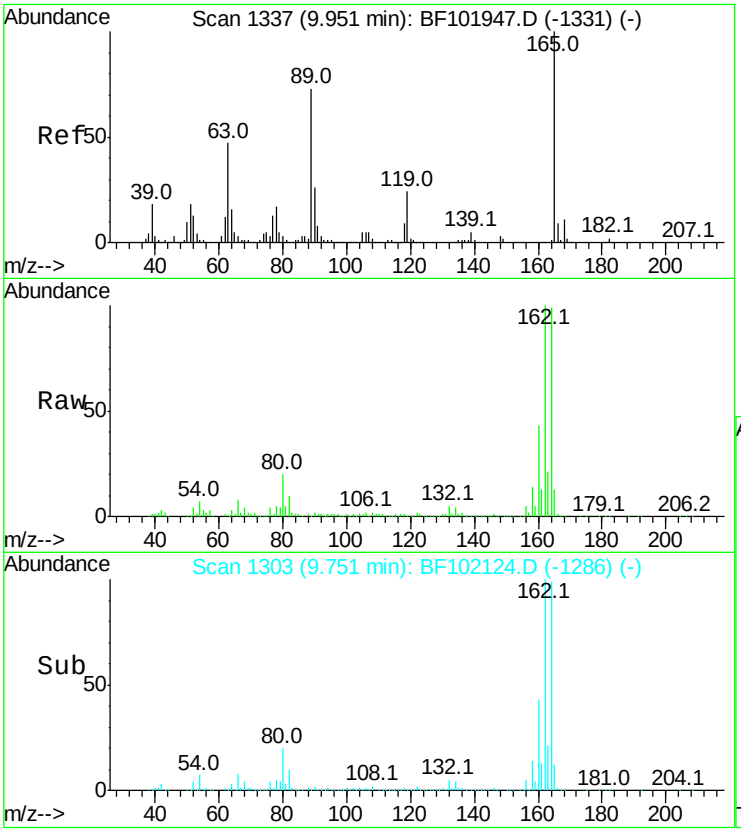


#44
2-Fluorobiphenyl
Concen: 5.129 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.02 min
Lab File: BF102124.D
Acq: 16 Jan 2018 21:56

Tgt Ion:172 Resp: 76725

Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.7	44.5
170	21.3	19.6	29.4



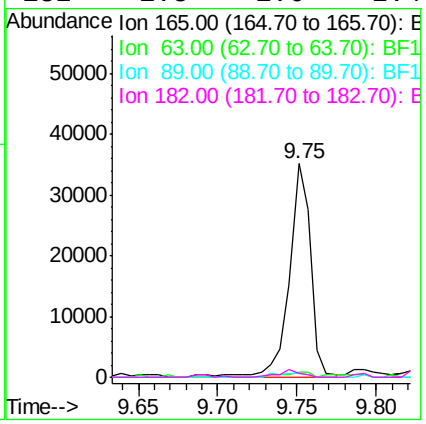


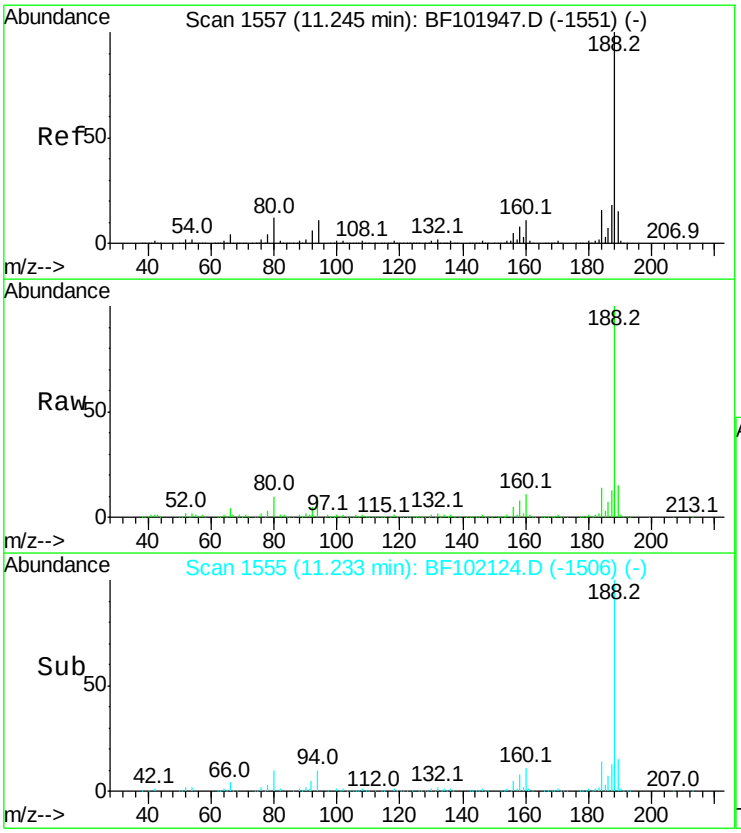
#56
2,4-Dinitrotoluene
Concen: 7.042 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.20 min
Lab File: BF102124.D
Acq: 16 Jan 2018 21:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 33051

Ion	Ratio	Lower	Upper
165	100		
63	2.4	36.4	54.6#
89	2.0	57.8	86.6#
182	1.8	1.6	2.4

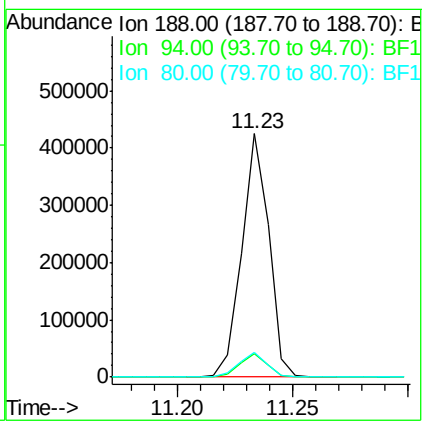


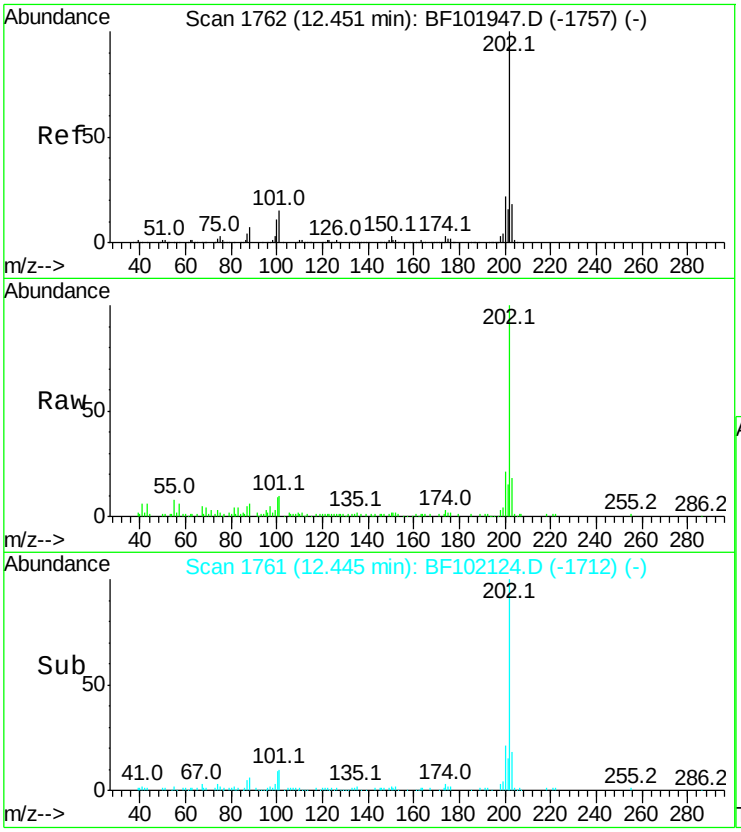


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102124.D
Acq: 16 Jan 2018 21:56

Tgt Ion:188 Resp: 347878

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	10.4	9.2	13.8



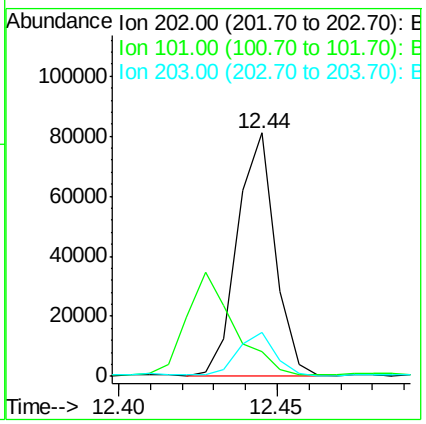


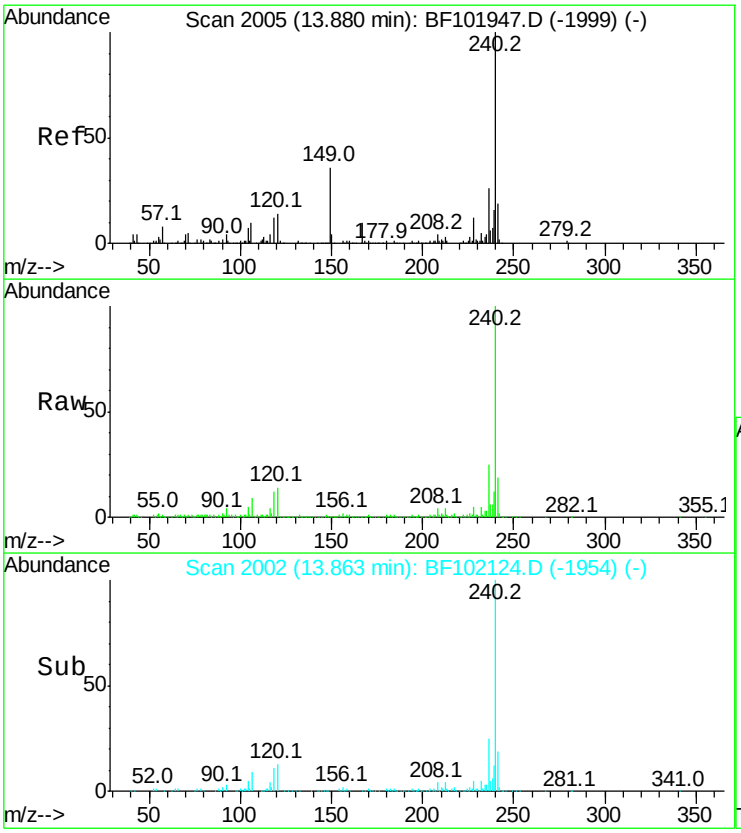
#74
Fluoranthene
Concen: 3.345 ng
RT: 12.44 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BF102124.D
Acq: 16 Jan 2018 21:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 66875

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	34.1
203	18.3	0.0	38.1

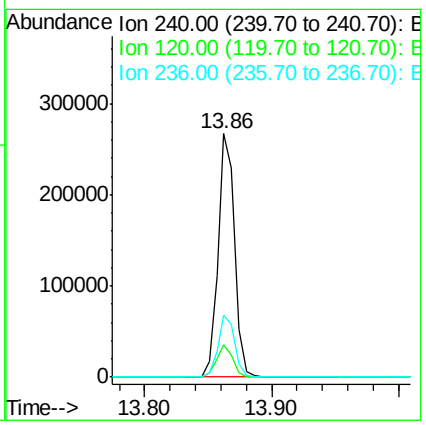


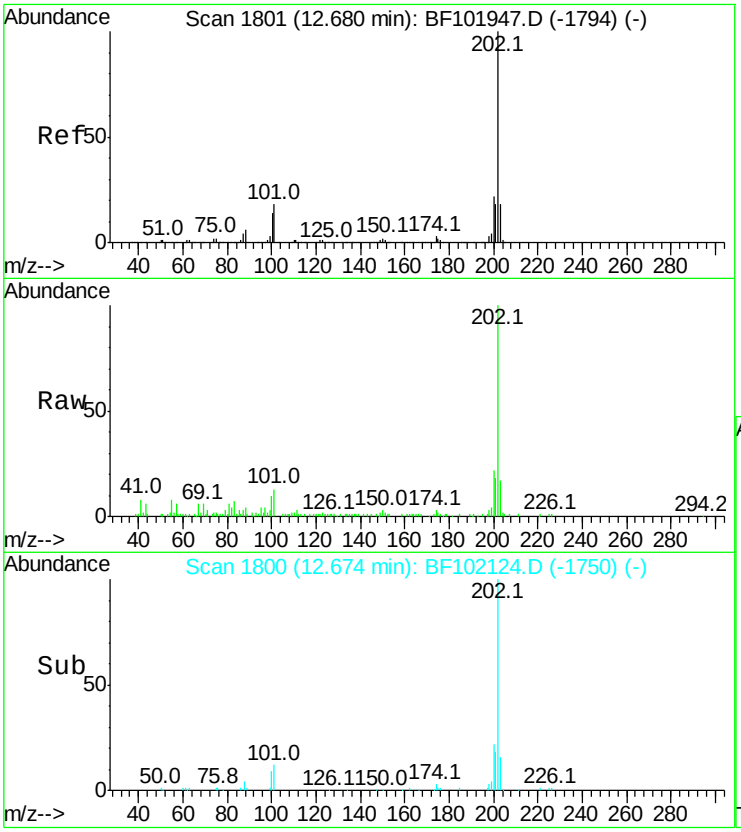


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.02 min
Lab File: BF102124.D
Acq: 16 Jan 2018 21:56

Tgt Ion:240 Resp: 244081

Ion	Ratio	Lower	Upper
240	100		
120	13.6	9.5	14.3
236	25.3	20.7	31.1



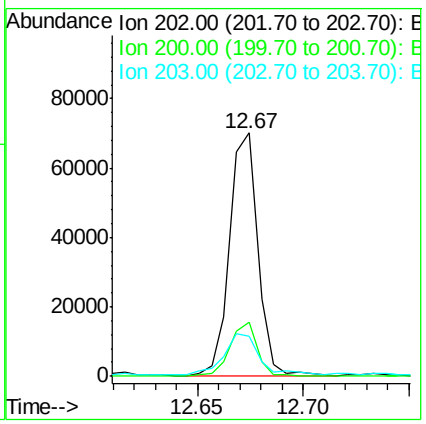


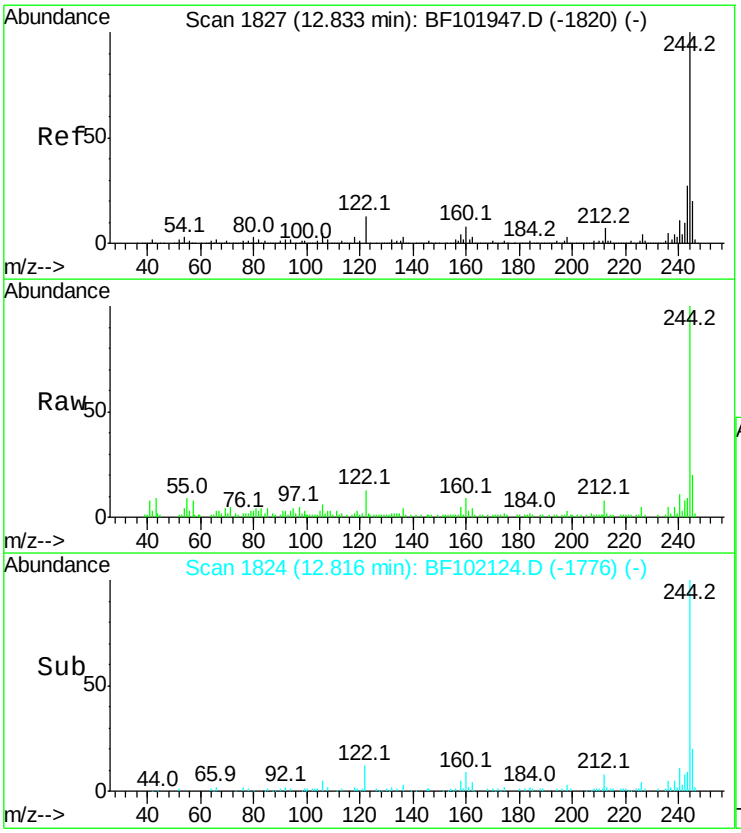
#77
Pyrene
Concen: 3.024 ng
RT: 12.67 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF102124.D
Acq: 16 Jan 2018 21:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 65238

Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.4	26.2
203	16.6	14.3	21.5

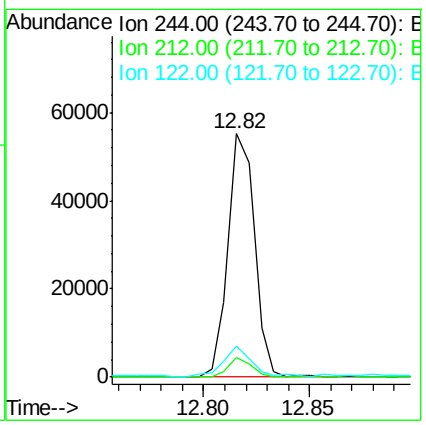


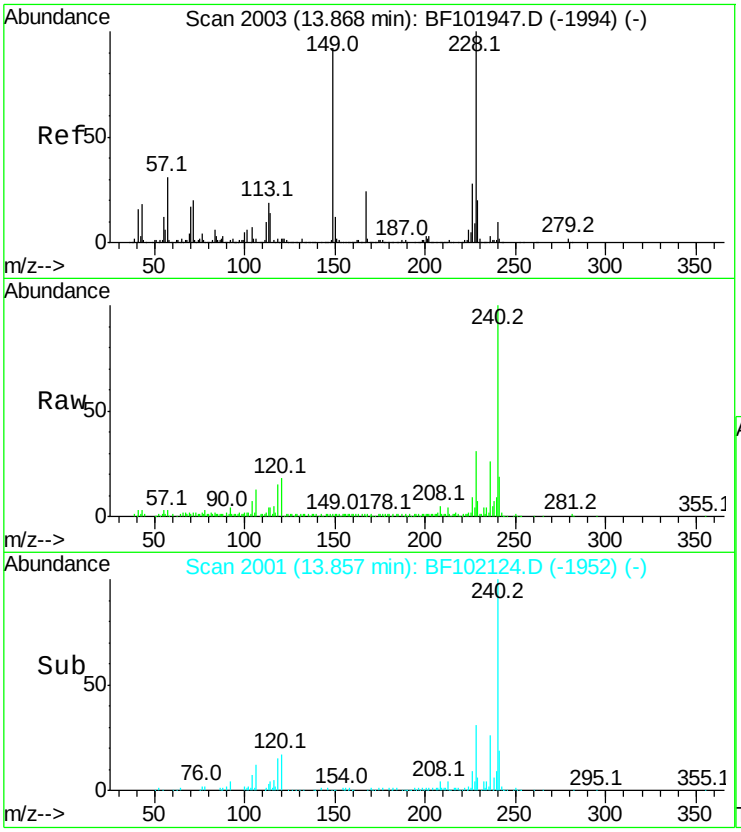


#78
Terphenyl-d14
Concen: 4.070 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.02 min
Lab File: BF102124.D
Acq: 16 Jan 2018 21:56

Tgt Ion:244 Resp: 47844

Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.4	8.0#
122	12.8	11.0	16.4



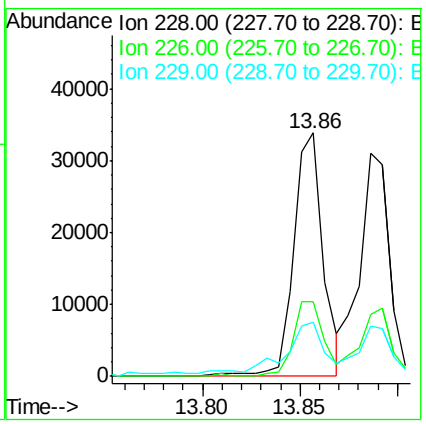


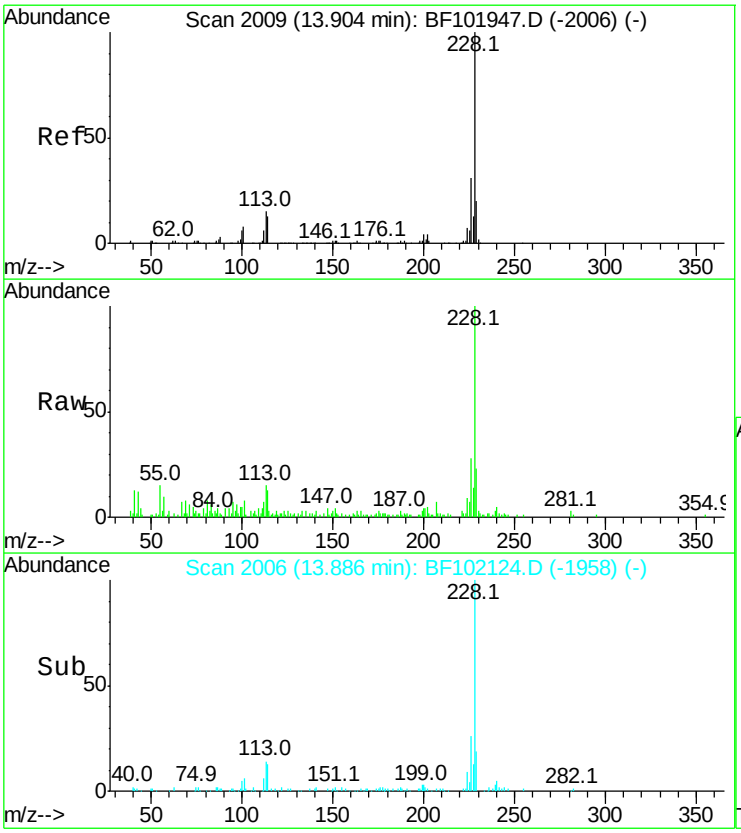
#80
Benzo(a)anthracene
Concen: 2.263 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF102124.D
Acq: 16 Jan 2018 21:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 35237

Ion	Ratio	Lower	Upper
228	100		
226	30.9	22.6	33.8
229	22.3	15.8	23.6

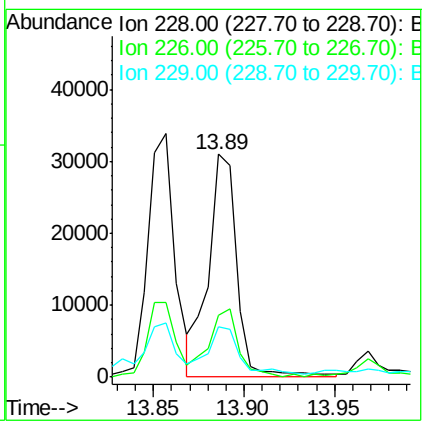


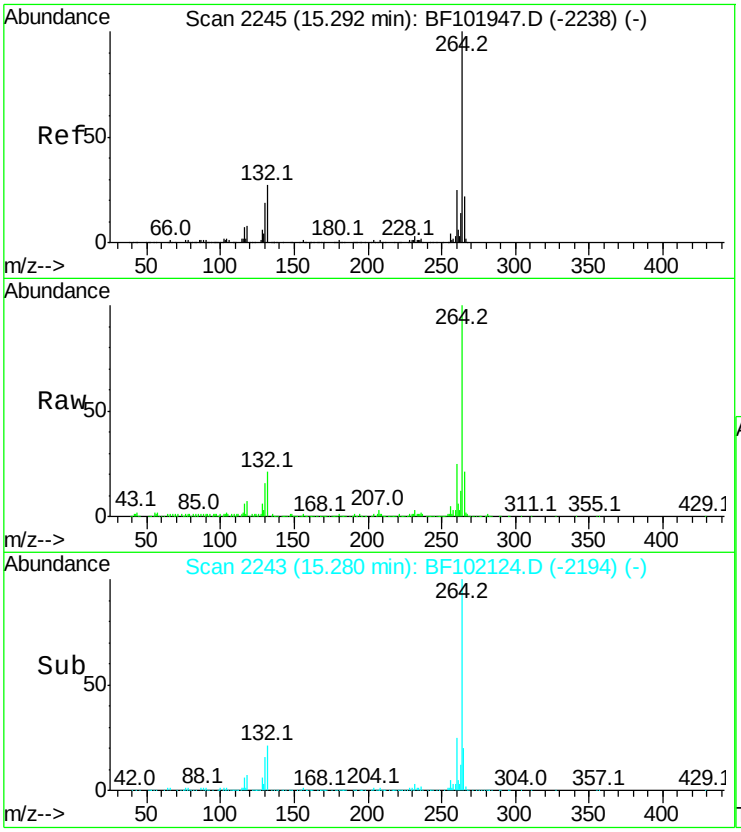


#82
Chrysene
Concen: 2.098 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BF102124.D
Acq: 16 Jan 2018 21:56

Tgt Ion:228 Resp: 34076

Ion	Ratio	Lower	Upper
228	100		
226	28.0	25.0	37.6
229	22.9	16.2	24.4



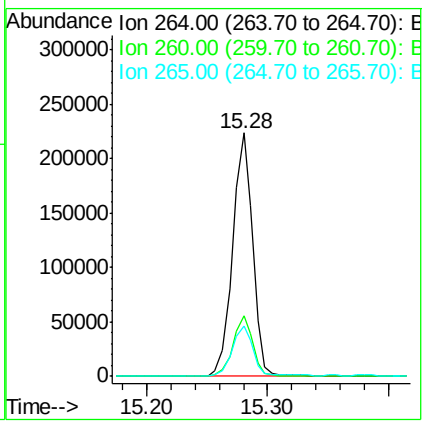


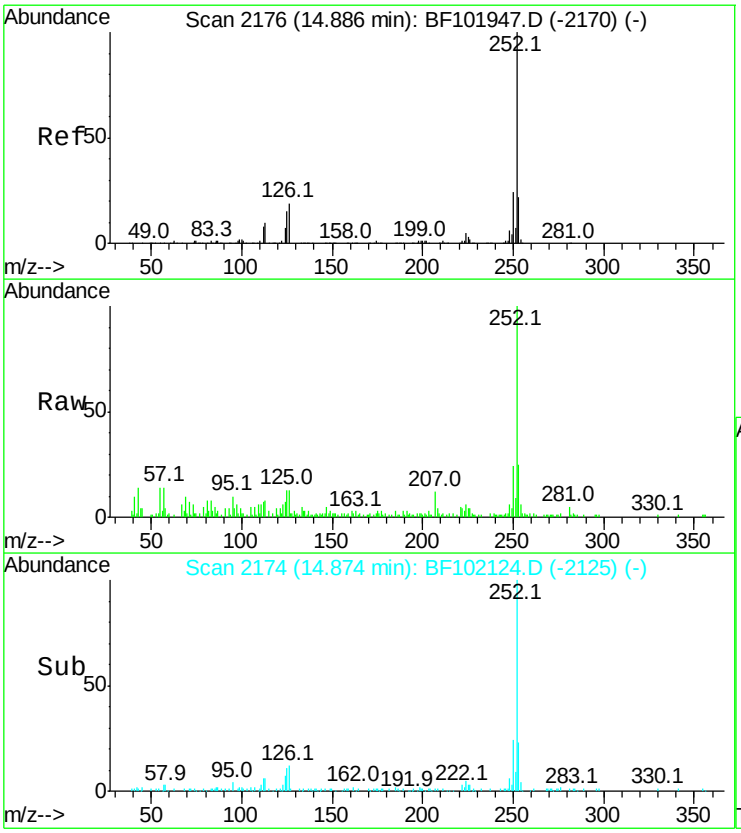
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BF102124.D
Acq: 16 Jan 2018 21:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 259588

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	20.7	17.5	26.3

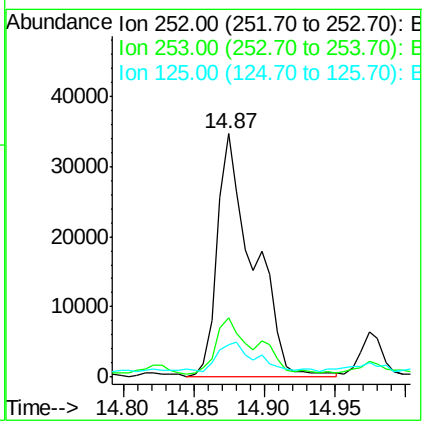


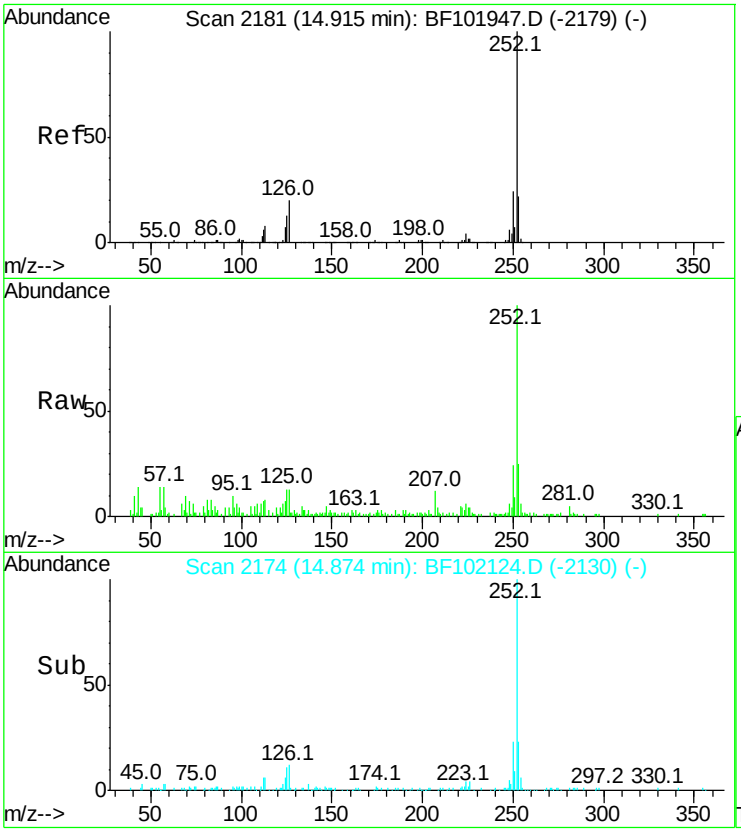


#87
Benzo(b)fluoranthene
Concen: 3.644 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BF102124.D
Acq: 16 Jan 2018 21:56

Tgt Ion:252 Resp: 61681

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.0	25.6
125	13.2	9.0	13.6



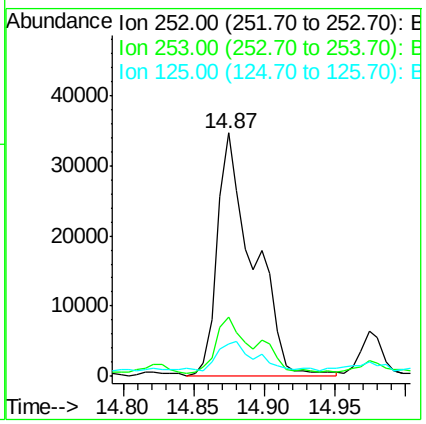


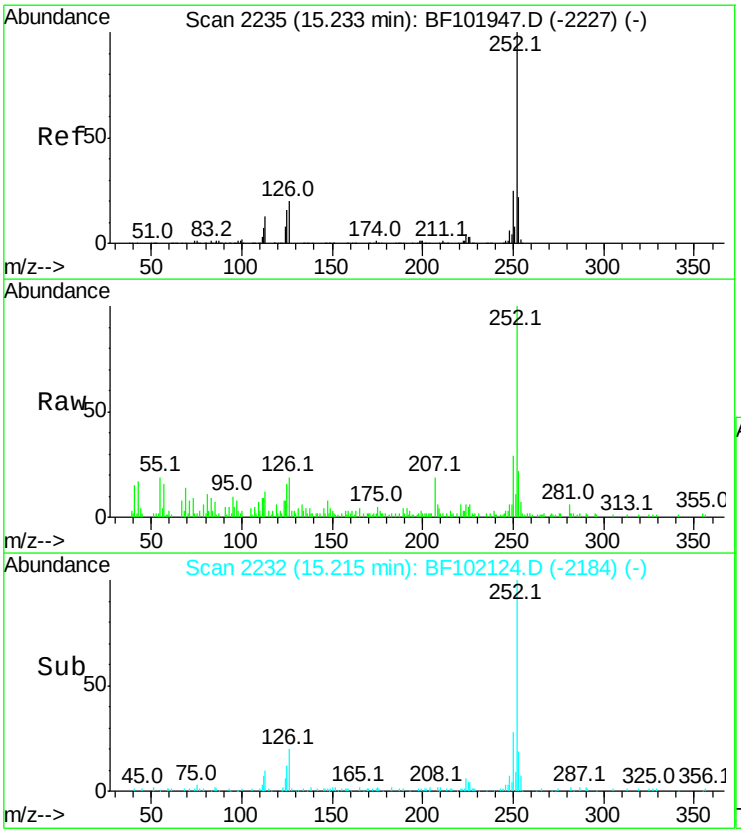
#88
Benzo(k)fluoranthene
Concen: 3.778 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.04 min
Lab File: BF102124.D
Acq: 16 Jan 2018 21:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 61681

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.9	26.9
125	13.2	10.2	15.2





#89
Benzo(a)pyrene
Concen: 2.218 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.02 min
Lab File: BF102124.D
Acq: 16 Jan 2018 21:56

Tgt Ion:252 Resp: 33789

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	16.0	9.8	14.6#