Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011918\
Data File : BF102245.D
Acq On : 20 Jan 2018 4:12
Operator : SJ/JU
Sample : J1113-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 20 05:16:22 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 19 13:31:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	165972	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	667309	20.00	ng		-0.01
38) Acenaphthene-d10	9.75	164	272106	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	392581	20.00	ng		0.00
75) Chrysene-d12	13.87	240	287788	20.00	ng		0.00
86) Perylene-d12	15.30	264	245066	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	1301488	110.73	ng		0.01
7) Phenol-d6	6.37	99	1555349	110.91	ng		0.00
23) Nitrobenzene-d5	7.29	82	1012838	89.19	ng		-0.01
41) 2,4,6-Tribromophenol	10.54	330	283625	119.44	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	1495897	85.89	ng		0.00
78) Terphenyl-d14	12.83	244	961033	69.33	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.37	94	35835	2.261	ng		89
19) n-Nitroso-di-n-propylamine	7.29	70	135466	14.741	ng	#	79
25) Isophorone	7.29	82	1012828	45.139	ng	#	64
49) Dimethylphthalate	9.47	163	168590	7.723	ng		98
53) 2,4-Dinitrophenol	10.01	184	106	8.715	ng	#	1
56) 2,4-Dinitrotoluene	9.75	165	36583	6.694	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.39	198	108	5.707	ng	#	1
70) Phenanthrene	11.26	178	83323	3.633	ng		98
71) Anthracene	11.26	178	83323	3.583	ng		99
74) Fluoranthene	12.44	202	58768	2.605	ng		97
77) Pyrene	12.67	202	80250	3.155	ng		97
82) Chrysene	13.90	228	39198	2.047	ng	#	90
87) Benzo(b)fluoranthene	14.89	252	42303	2.647	ng	#	51
88) Benzo(k)fluoranthene	14.89	252	42303	2.744	ng	#	54

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

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Misc :
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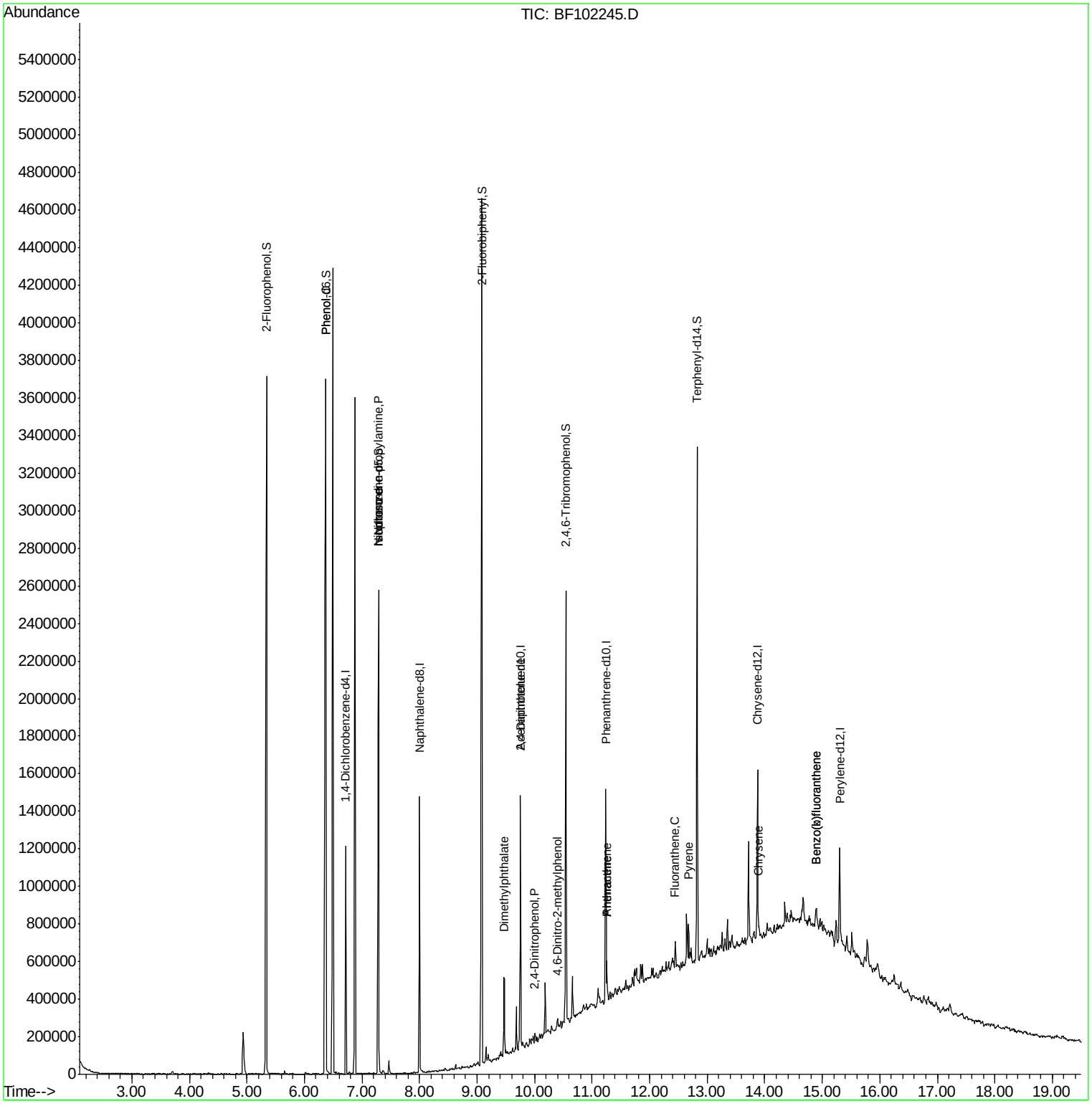
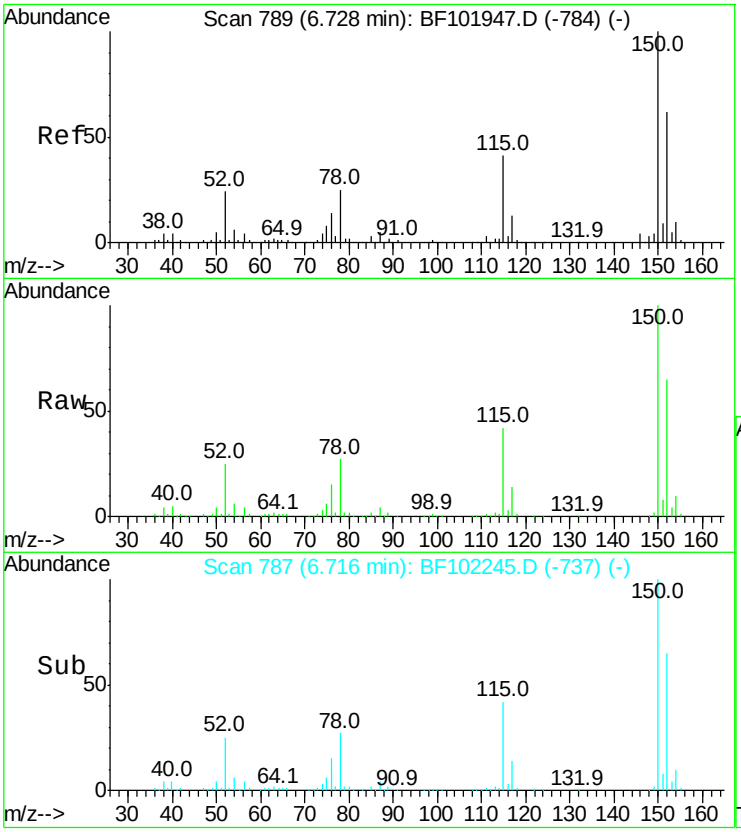
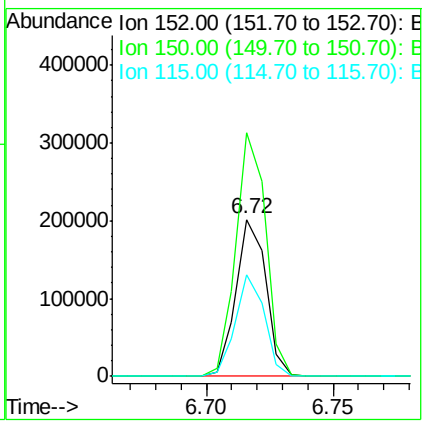




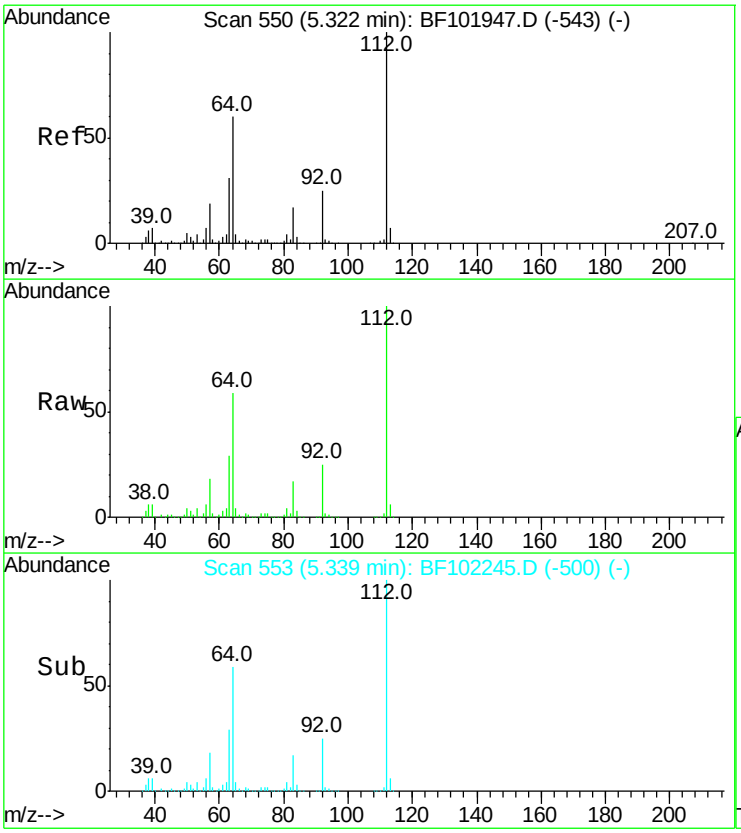
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF102245.D
Acq: 20 Jan 2018 4:12

Tgt Ion:152 Resp: 165972

Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.6	186.8
115	64.4	50.1	75.1



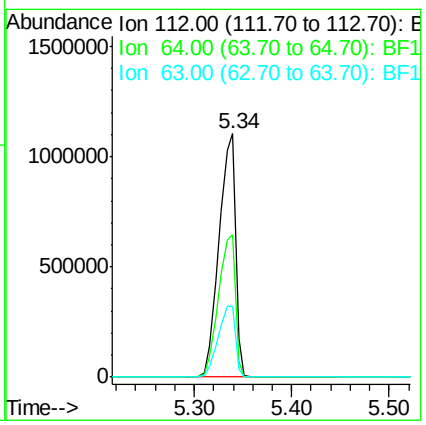
Instrument :
BNA_F
ClientSampleId :

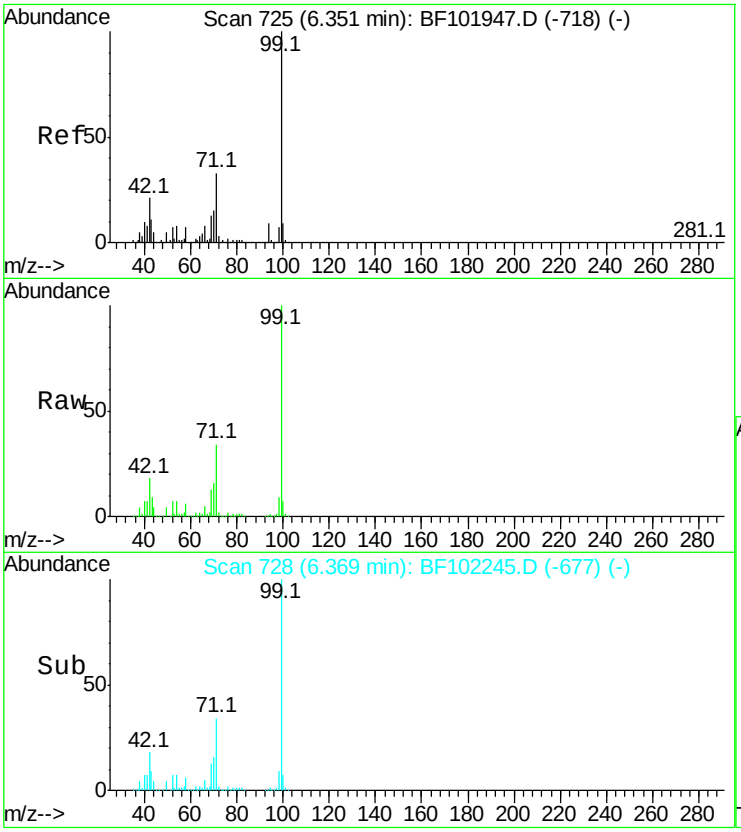


#5
2-Fluorophenol
Concen: 110.730 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF102245.D
Acq: 20 Jan 2018 4:12

Tgt Ion:112 Resp: 1301488

Ion	Ratio	Lower	Upper
112	100		
64	58.6	47.9	71.9
63	29.2	23.7	35.5



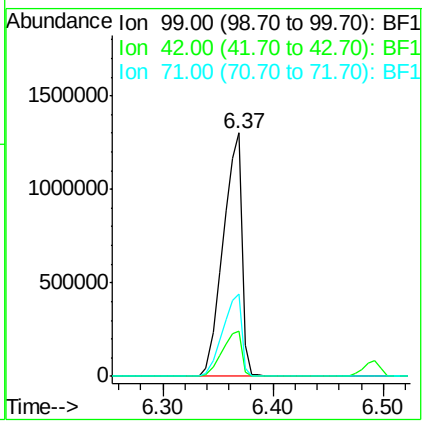


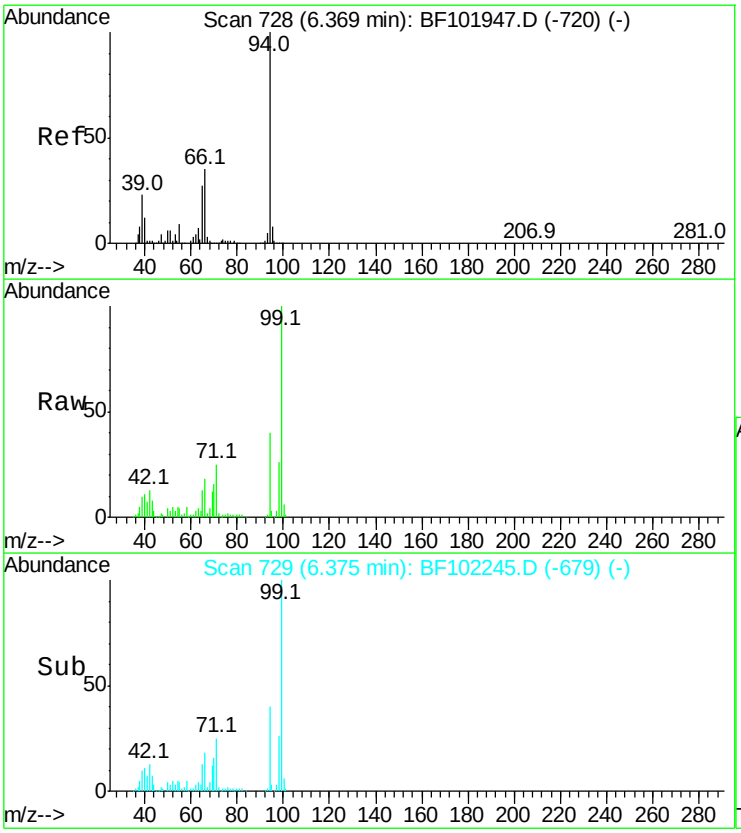
#7
Phenol-d6
Concen: 110.911 ng
RT: 6.37 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF102245.D
Acq: 20 Jan 2018 4:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1555349

Ion	Ratio	Lower	Upper
99	100		
42	18.4	14.5	21.7
71	34.0	25.4	38.0

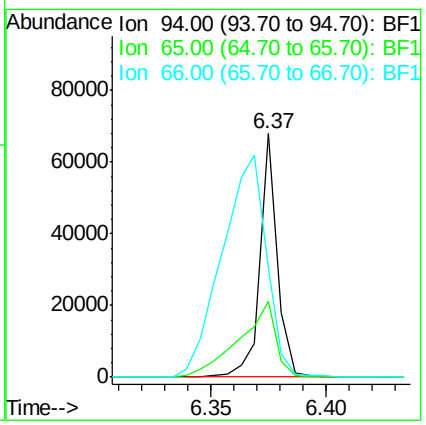


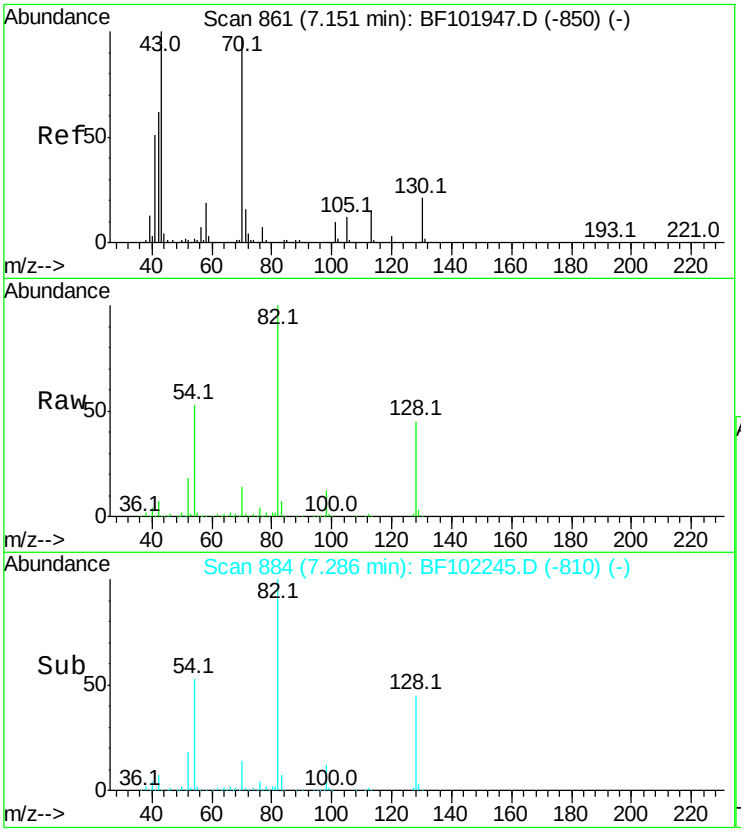


#10
Phenol
Concen: 2.261 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF102245.D
Acq: 20 Jan 2018 4:12

Tgt Ion: 94 Resp: 35835

Ion	Ratio	Lower	Upper
94	100		
65	31.0	7.9	47.9
66	45.1	16.2	56.2



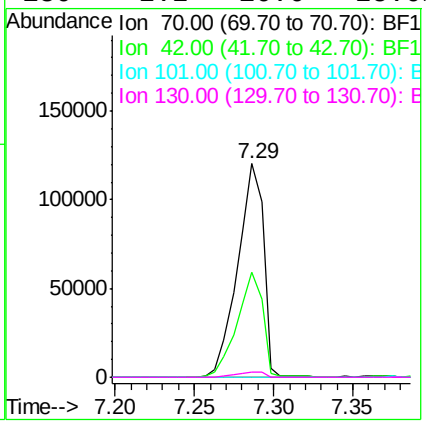


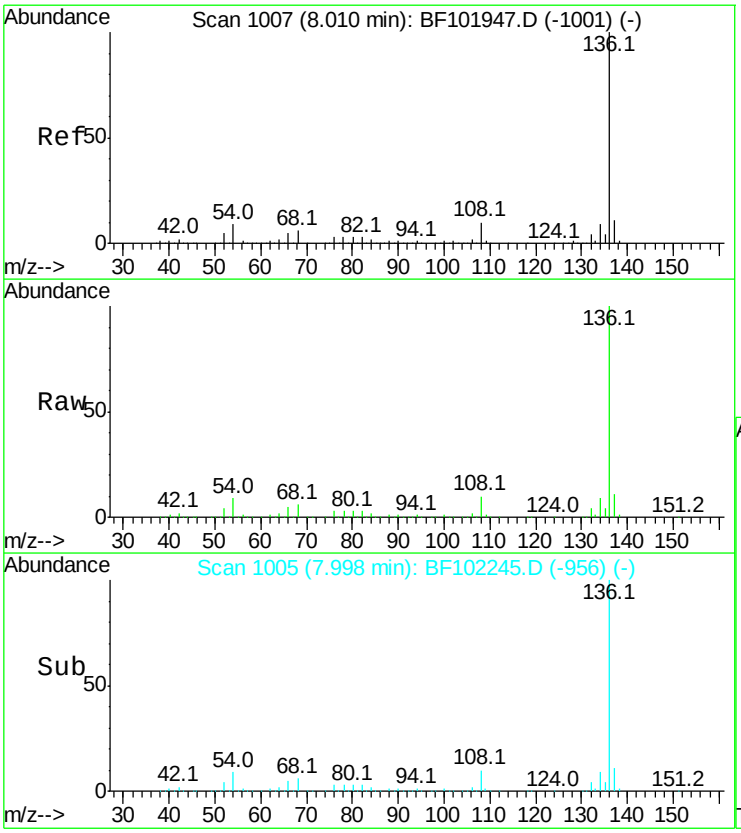
#19
n-Nitroso-di-n-propylamine
Concen: 14.741 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.14 min
Lab File: BF102245.D
Acq: 20 Jan 2018 4:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 135466

Ion	Ratio	Lower	Upper
70	100		
42	49.0	47.5	71.3
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#

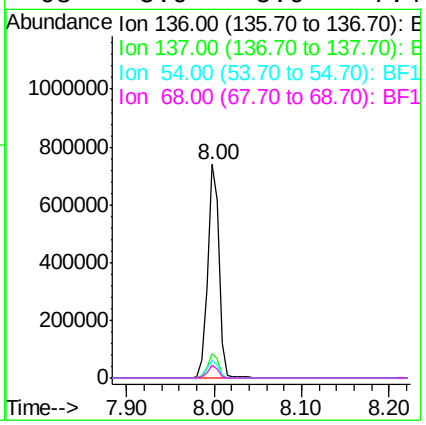


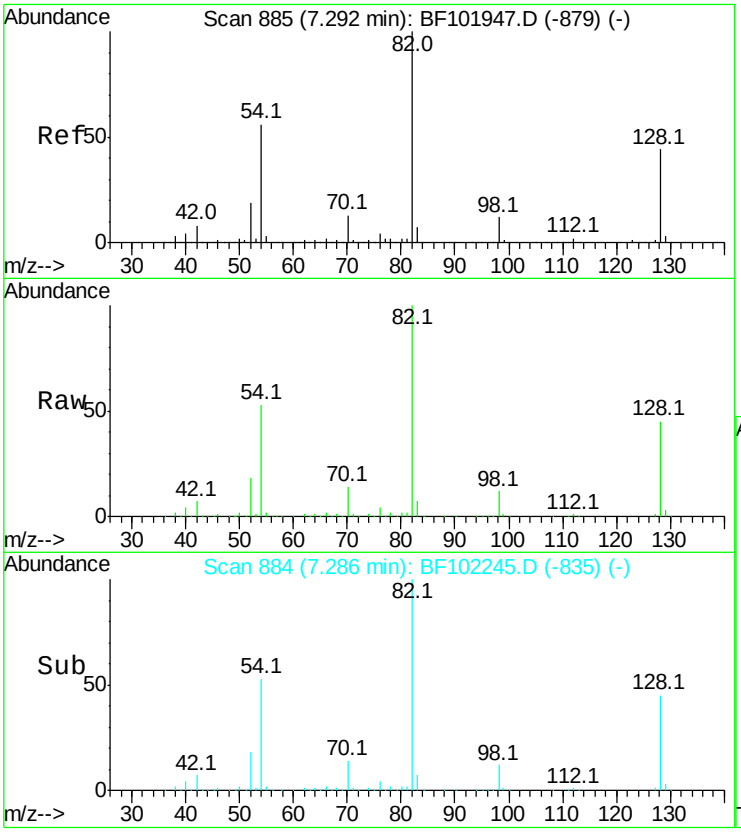


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF102245.D
Acq: 20 Jan 2018 4:12

Tgt Ion:136 Resp: 667309

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.5	6.6	9.8
68	5.9	5.0	7.4



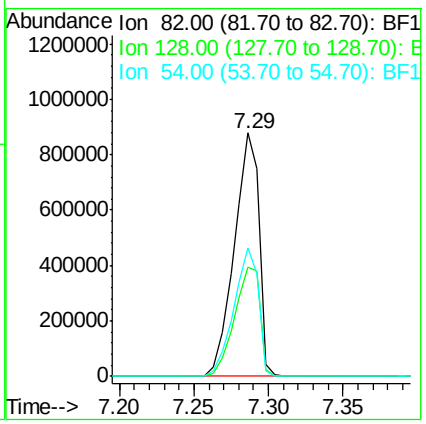


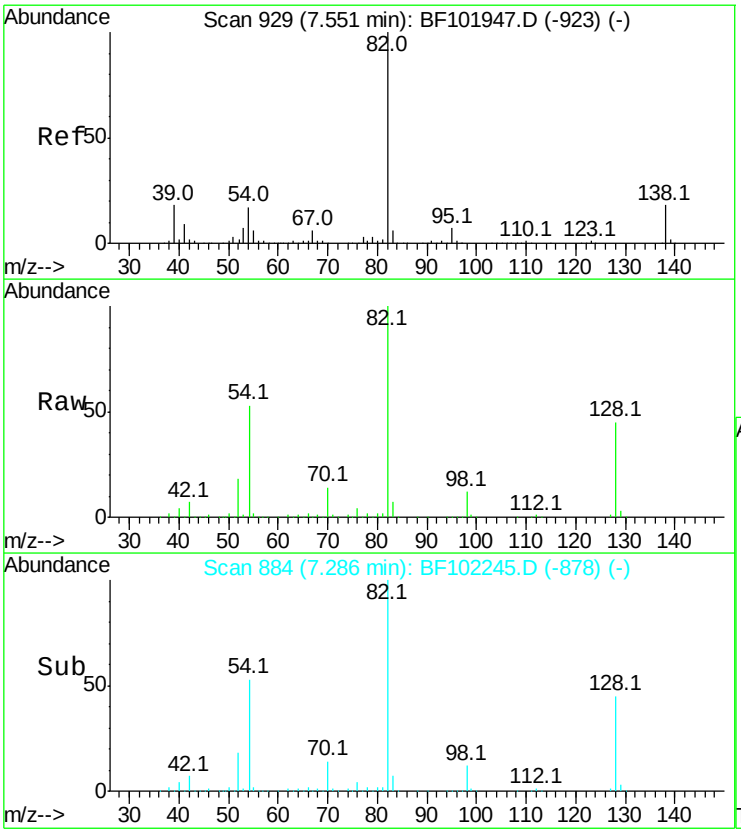
#23
Nitrobenzene-d5
Concen: 89.192 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102245.D
Acq: 20 Jan 2018 4:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1012838

Ion	Ratio	Lower	Upper
82	100		
128	44.9	36.1	54.1
54	52.9	41.4	62.2

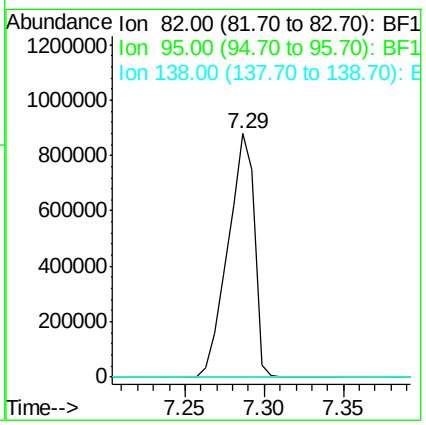


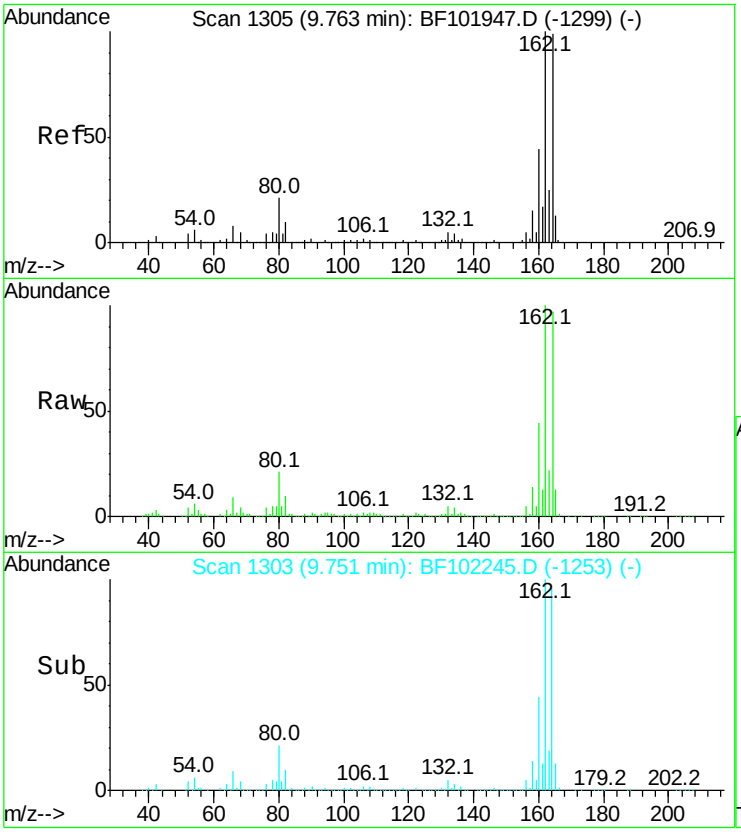


#25
Isophorone
Concen: 45.139 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.26 min
Lab File: BF102245.D
Acq: 20 Jan 2018 4:12

Tgt Ion: 82 Resp: 1012828

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



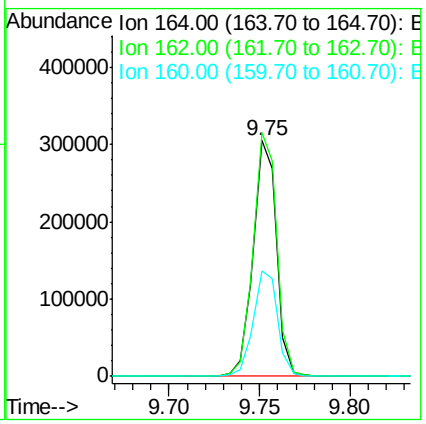


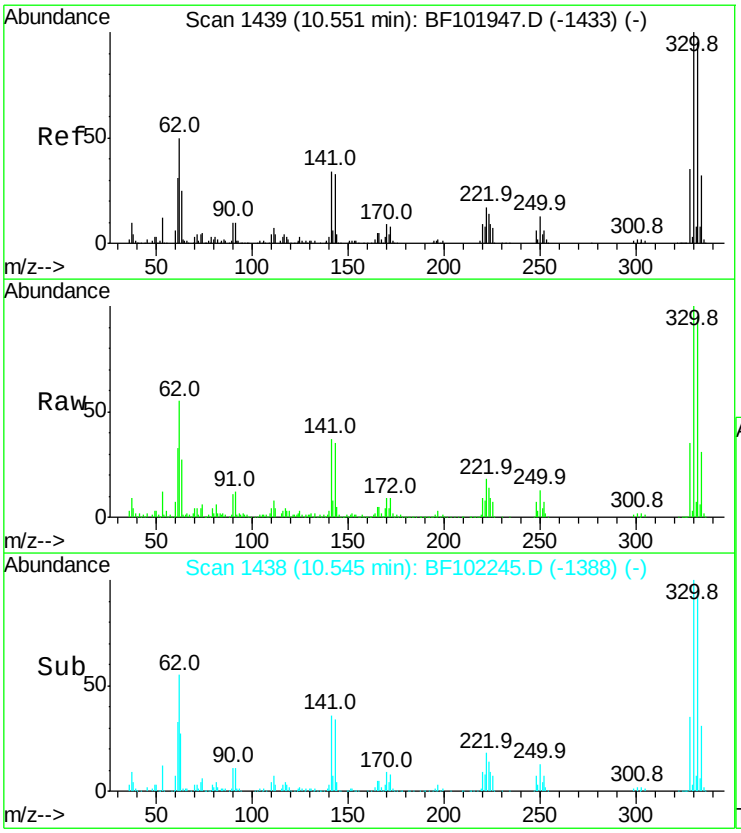
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF102245.D
Acq: 20 Jan 2018 4:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 272106

Ion	Ratio	Lower	Upper
164	100		
162	103.4	86.1	129.1
160	45.0	38.3	57.5

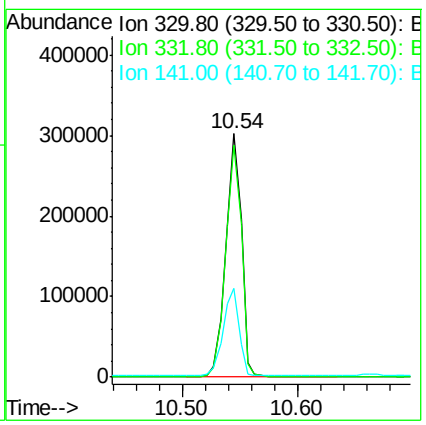


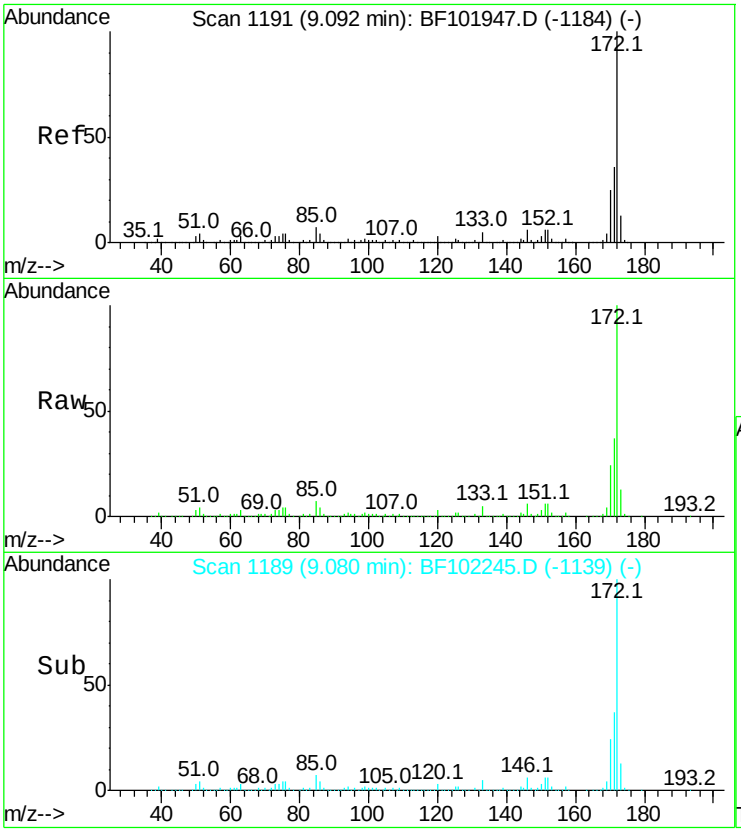


#41
2,4,6-Tribromophenol
Concen: 119.439 ng
RT: 10.54 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF102245.D
Acq: 20 Jan 2018 4:12

Tgt Ion:330 Resp: 283625

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	36.9	29.9	44.9



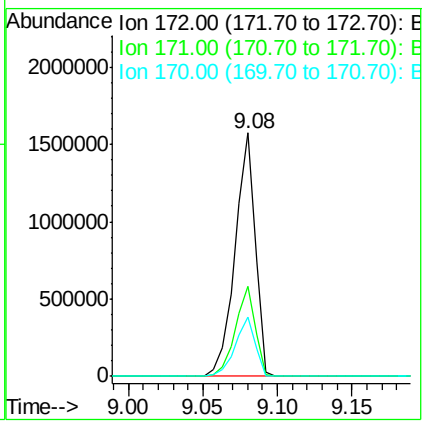


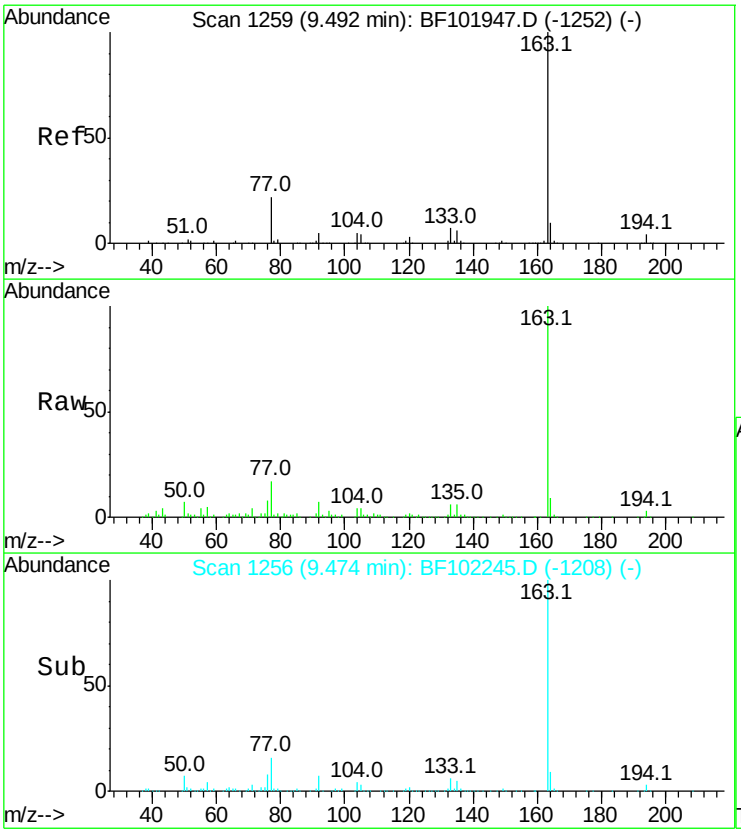
#44
2-Fluorobiphenyl
Concen: 85.886 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102245.D
Acq: 20 Jan 2018 4:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1495897

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.3	19.6	29.4

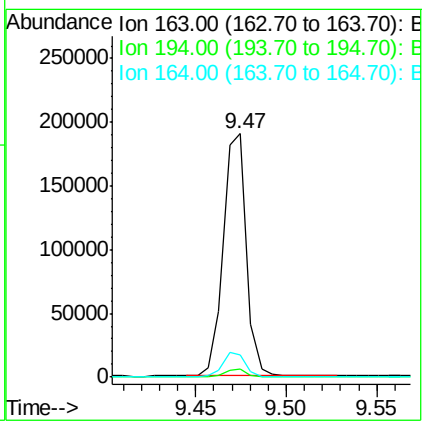


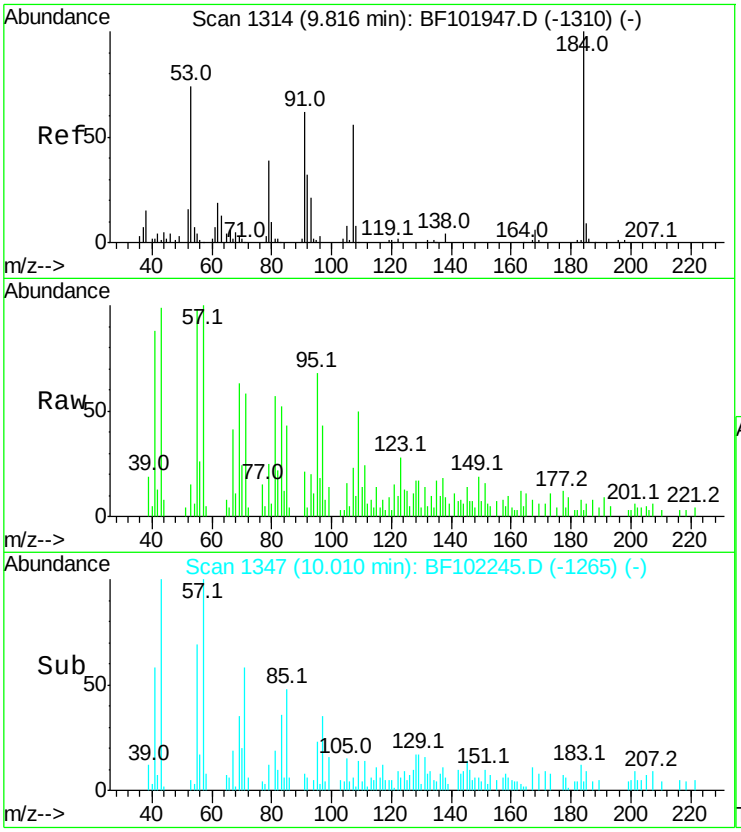


#49
Dimethylphthalate
Concen: 7.723 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF102245.D
Acq: 20 Jan 2018 4:12

Tgt Ion:163 Resp: 168590

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	9.0	8.2	12.2



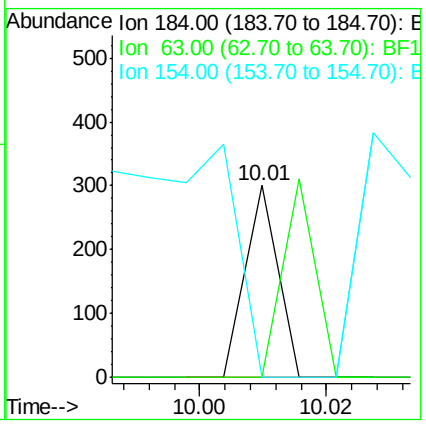


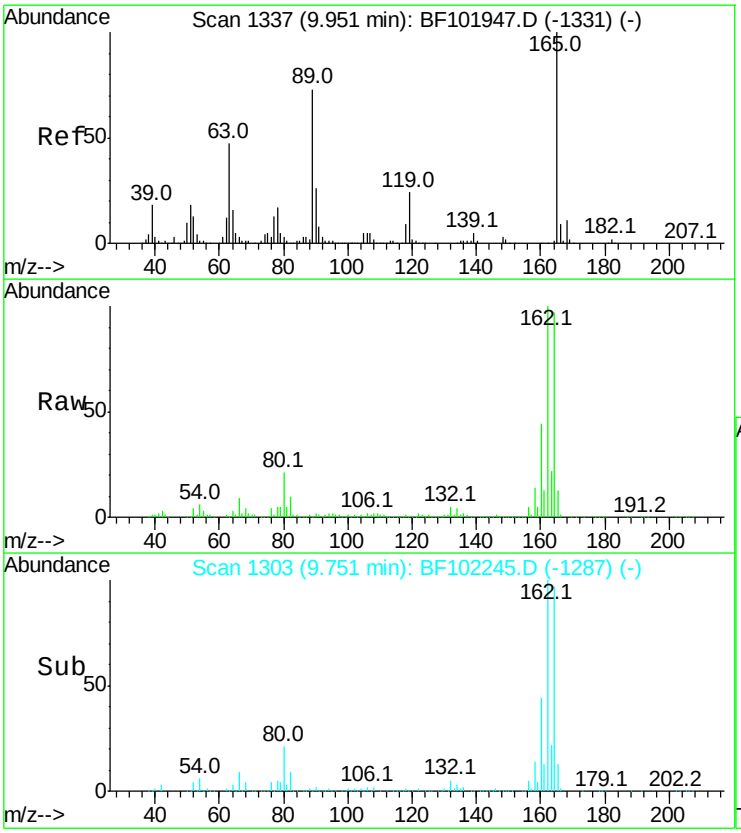
#53
2,4-Dinitrophenol
Concen: 8.715 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.18 min
Lab File: BF102245.D
Acq: 20 Jan 2018 4:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 106

Ion	Ratio	Lower	Upper
184	100		
63	0.0	54.2	81.2#
154	0.0	184.0	276.0#

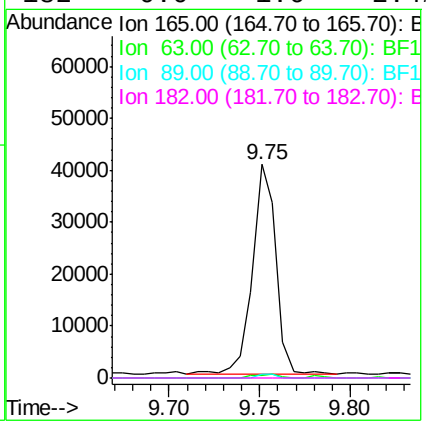


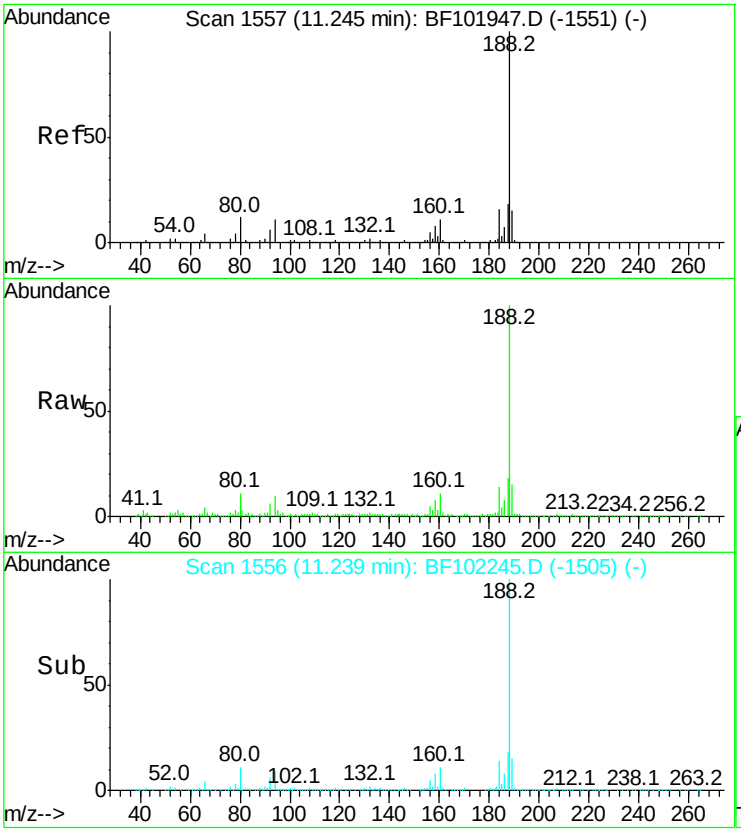


#56
2,4-Dinitrotoluene
Concen: 6.694 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.21 min
Lab File: BF102245.D
Acq: 20 Jan 2018 4:12

Tgt Ion:165 Resp: 36583

Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#



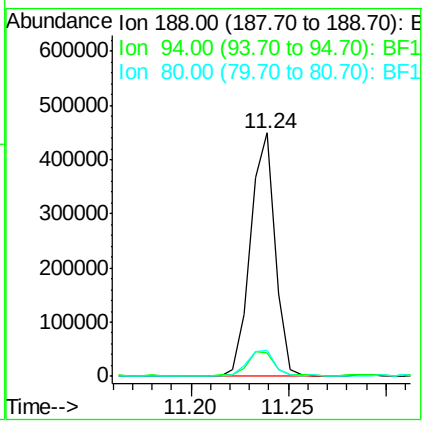


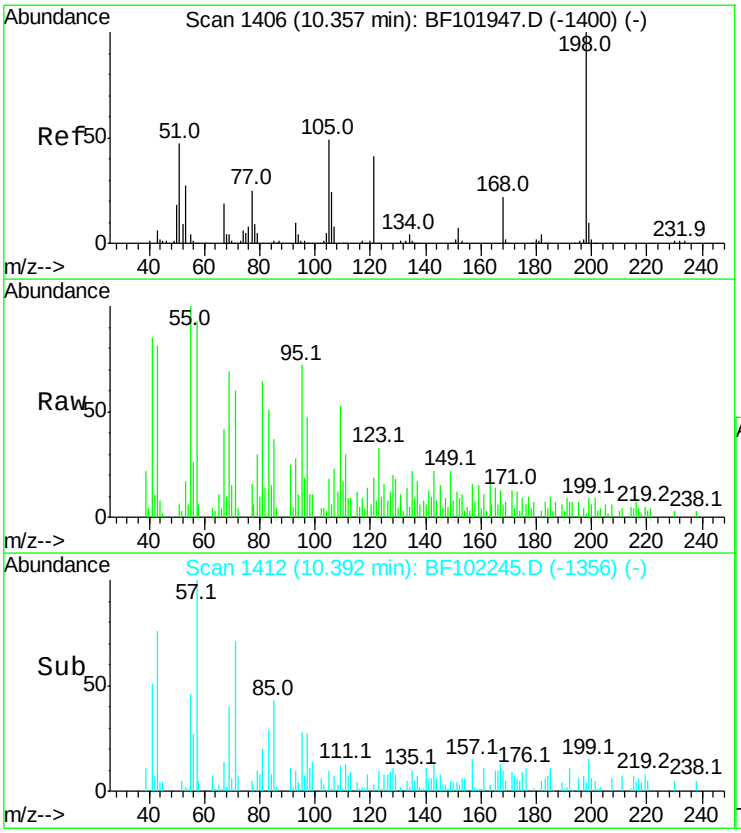
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BF102245.D
Acq: 20 Jan 2018 4:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 392581

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	10.8	9.2	13.8

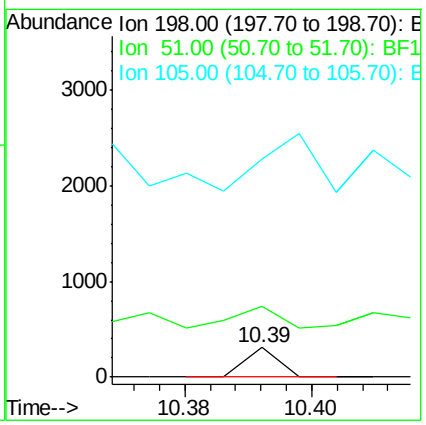


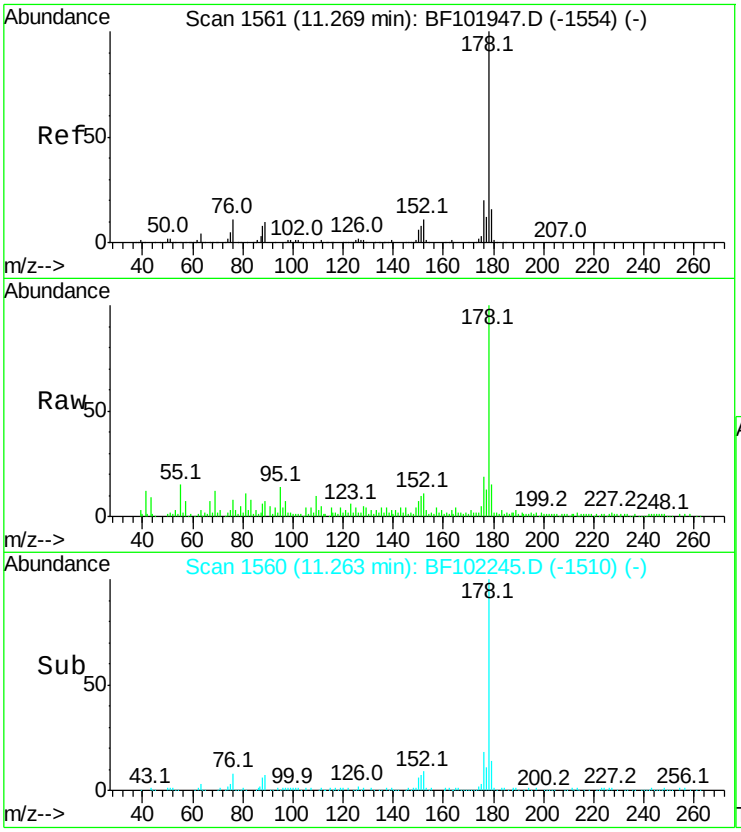


#64
4,6-Dinitro-2-methylphenol
Concen: 5.707 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.03 min
Lab File: BF102245.D
Acq: 20 Jan 2018 4:12

Tgt Ion:198 Resp: 108

Ion	Ratio	Lower	Upper
198	100		
51	241.5	37.7	77.7#
105	746.4	36.3	76.3#



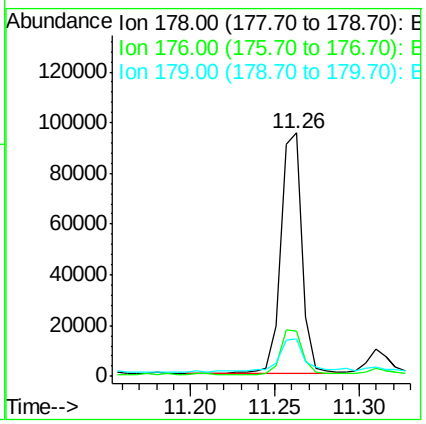


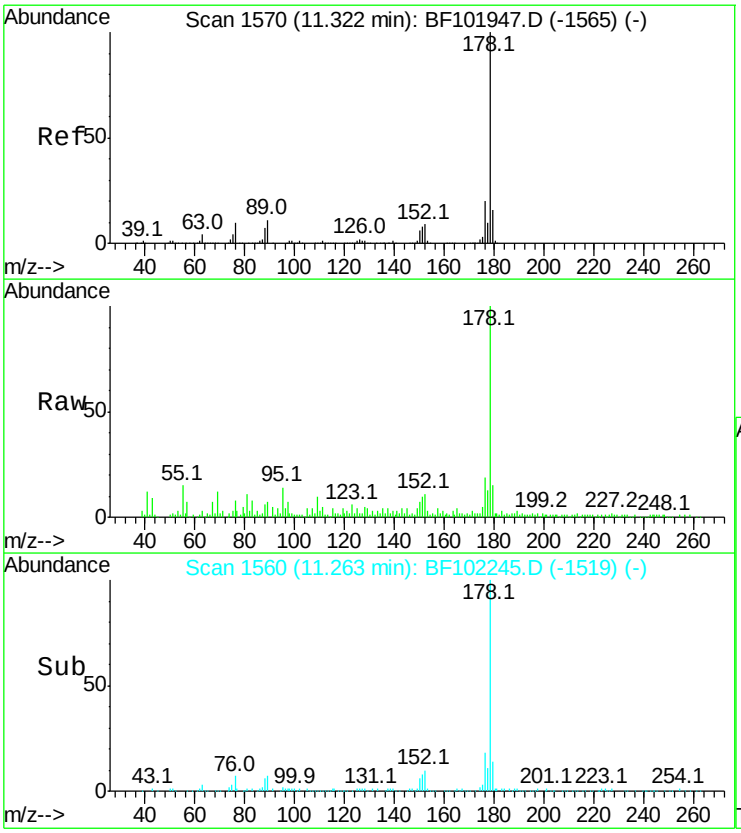
#70
Phenanthrene
Concen: 3.633 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF102245.D
Acq: 20 Jan 2018 4:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 83323

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.8
179	15.4	13.0	19.6

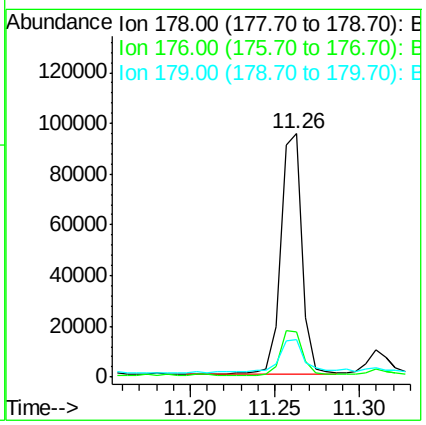


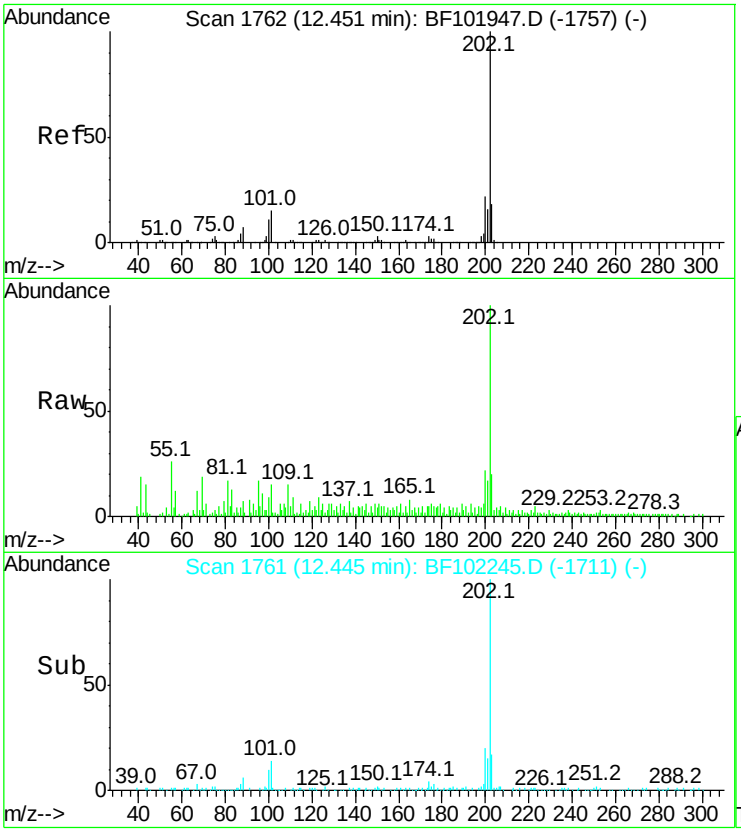


#71
Anthracene
Concen: 3.583 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.06 min
Lab File: BF102245.D
Acq: 20 Jan 2018 4:12

Tgt Ion:178 Resp: 83323

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	15.4	12.6	19.0



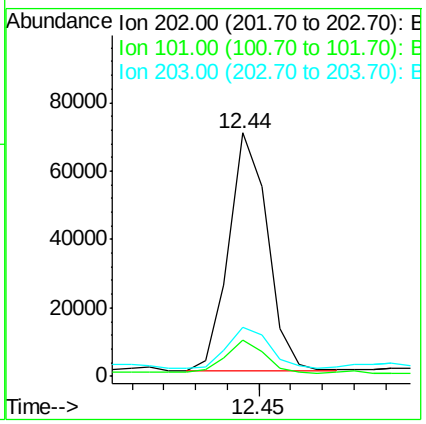


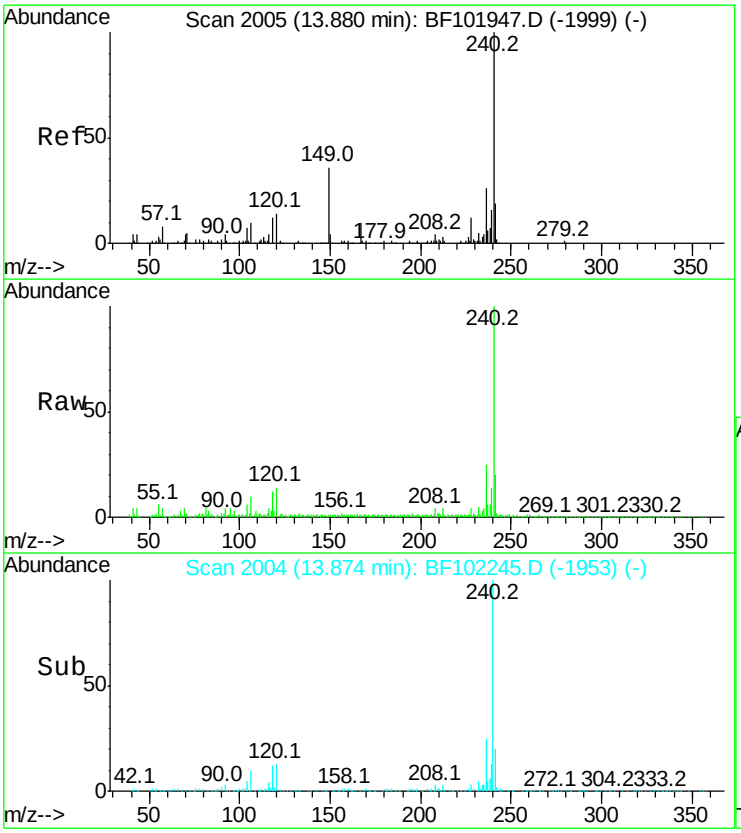
#74
Fluoranthene
Concen: 2.605 ng
RT: 12.44 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BF102245.D
Acq: 20 Jan 2018 4:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 58768

Ion	Ratio	Lower	Upper
202	100		
101	14.6	0.0	34.1
203	20.3	0.0	38.1

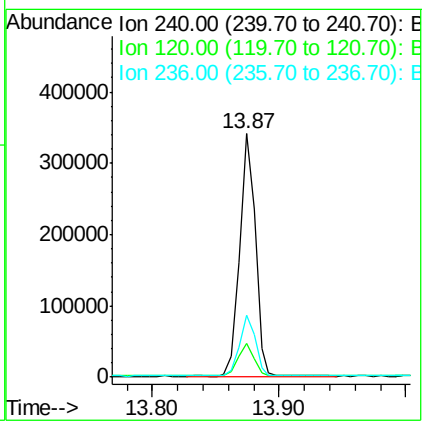


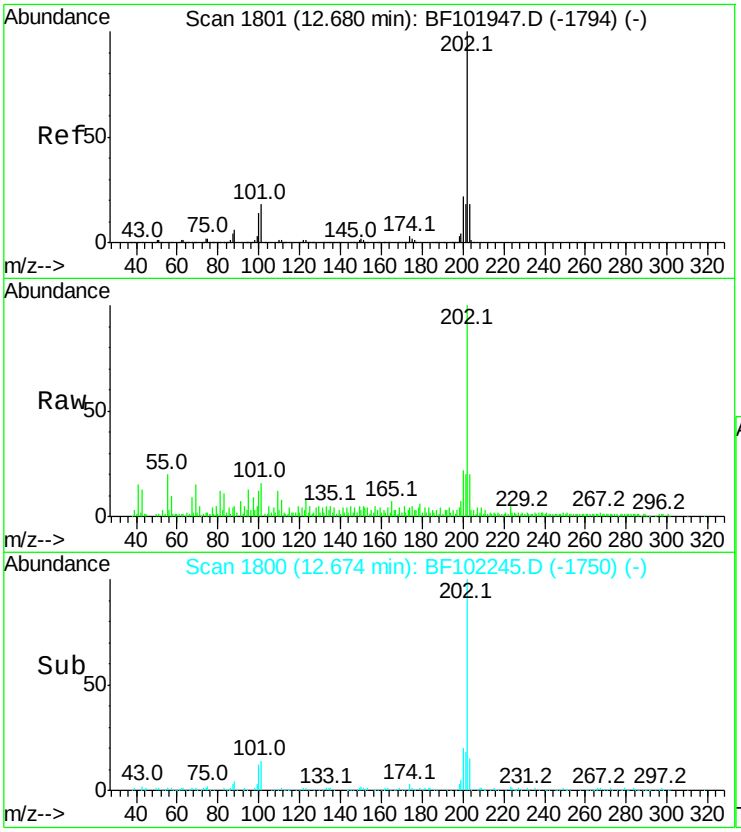


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BF102245.D
Acq: 20 Jan 2018 4:12

Tgt Ion:240 Resp: 287788

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



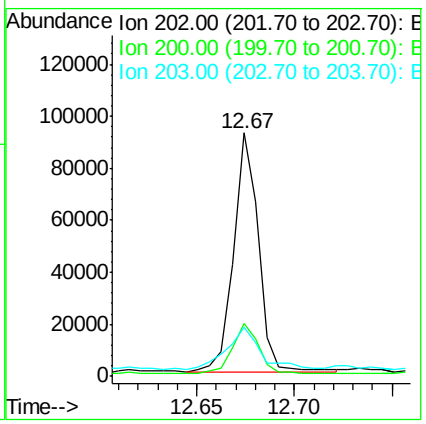


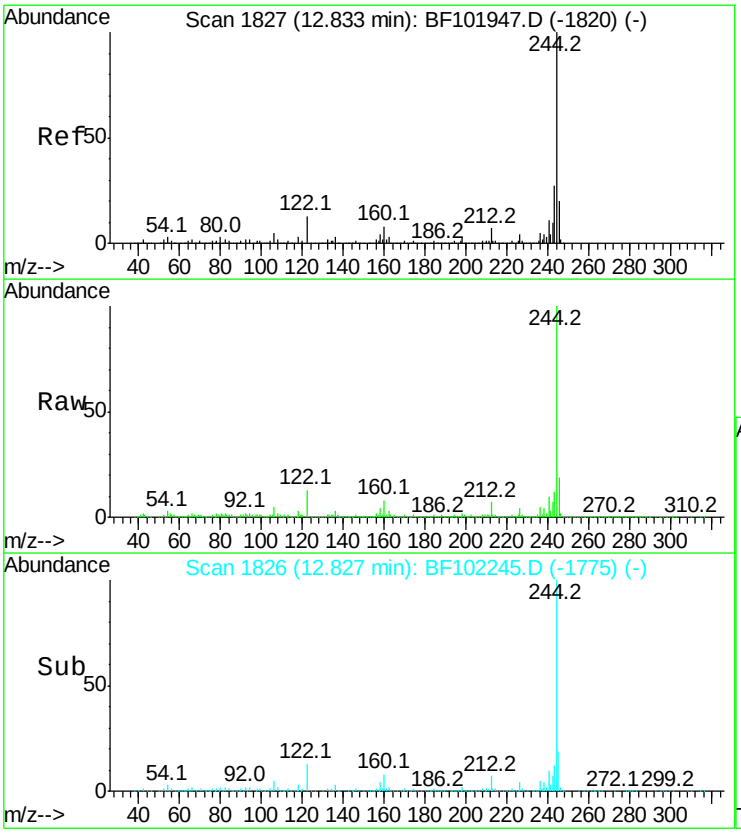
#77
Pyrene
Concen: 3.155 ng
RT: 12.67 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF102245.D
Acq: 20 Jan 2018 4:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 80250

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	20.2	14.3	21.5

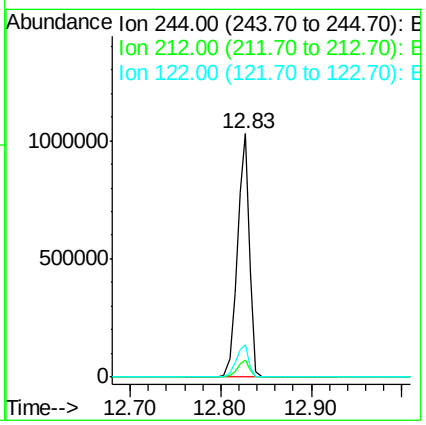


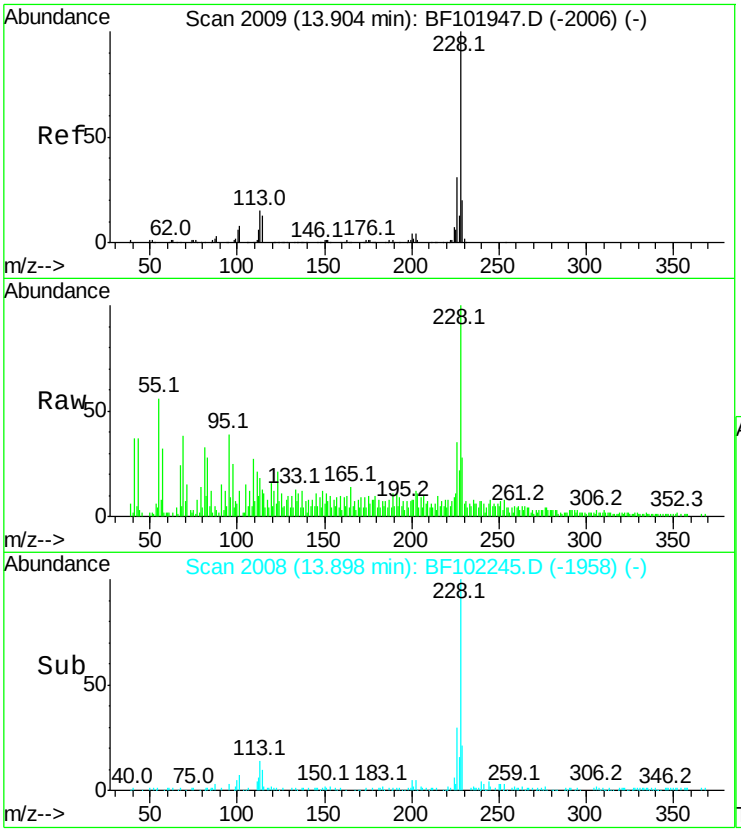


#78
Terphenyl-d14
Concen: 69.334 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BF102245.D
Acq: 20 Jan 2018 4:12

Tgt Ion:244 Resp: 961033

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	13.2	11.0	16.4



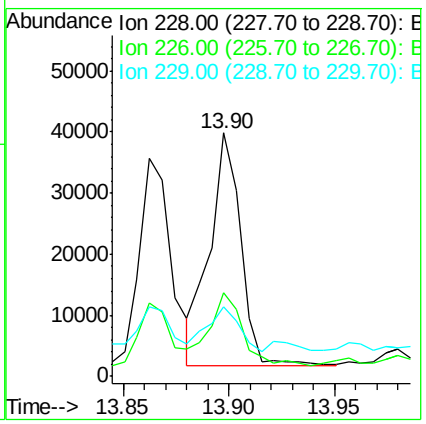


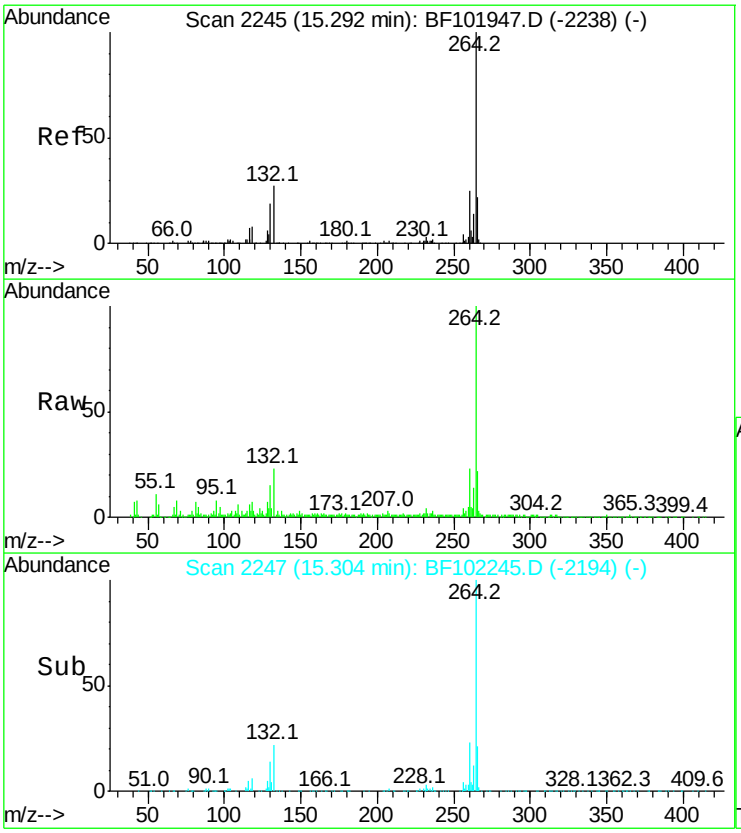
#82
Chrysene
Concen: 2.047 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF102245.D
Acq: 20 Jan 2018 4:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 39198

Ion	Ratio	Lower	Upper
228	100		
226	34.5	25.0	37.6
229	28.5	16.2	24.4#

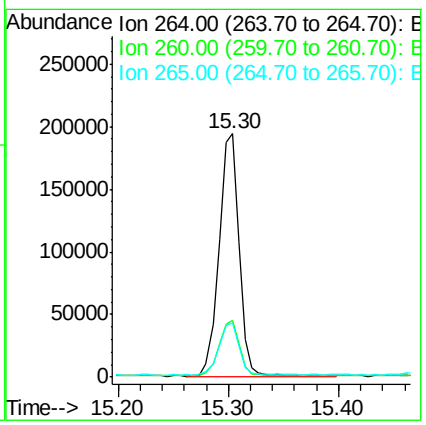


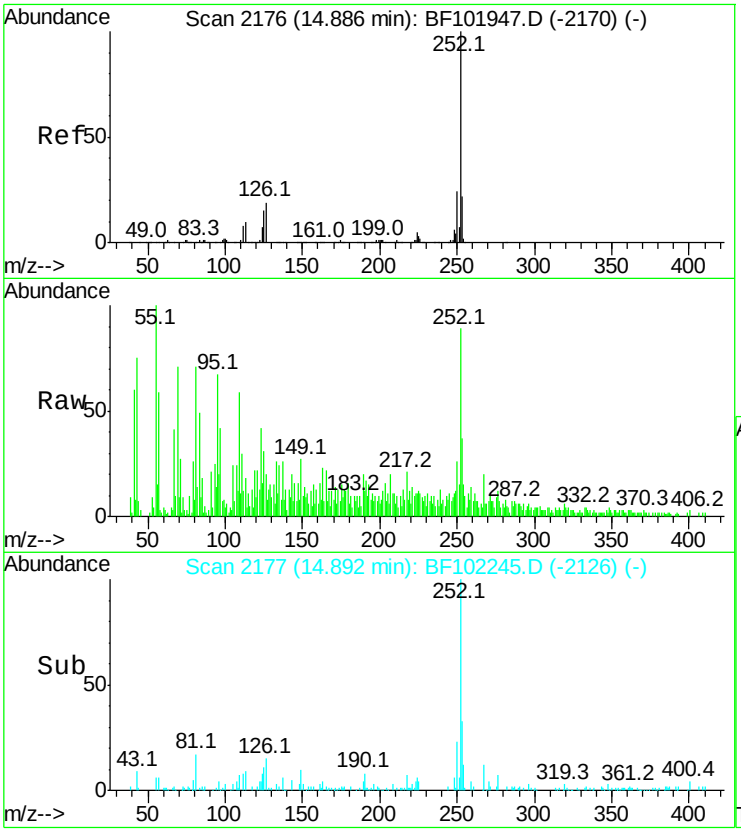


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2247
Delta R.T. 0.01 min
Lab File: BF102245.D
Acq: 20 Jan 2018 4:12

Tgt Ion:264 Resp: 245066

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.0	17.5	26.3



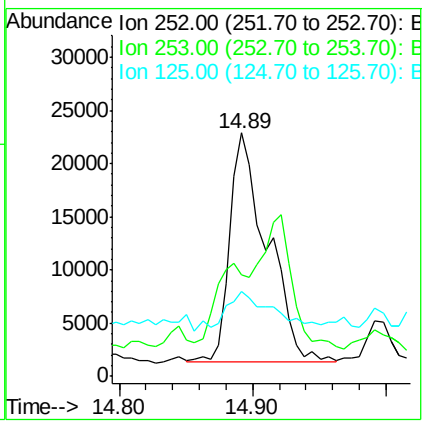


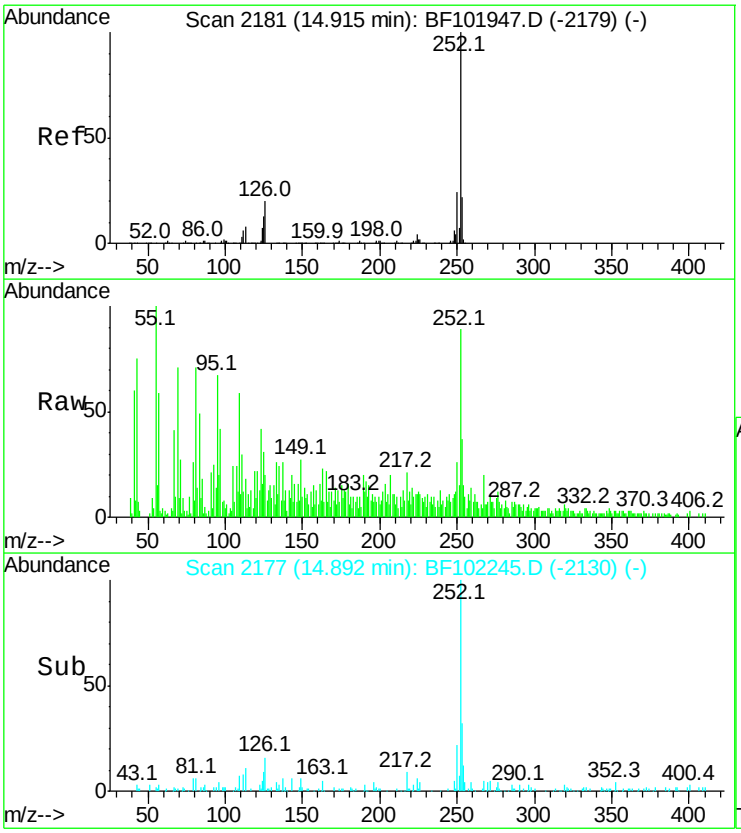
#87
Benzo(b)fluoranthene
Concen: 2.647 ng
RT: 14.89 min Scan# 2177
Delta R.T. 0.00 min
Lab File: BF102245.D
Acq: 20 Jan 2018 4:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 42303

Ion	Ratio	Lower	Upper
252	100		
253	41.6	17.0	25.6#
125	34.7	9.0	13.6#





#88
Benzo(k)fluoranthene
Concen: 2.744 ng
RT: 14.89 min Scan# 2177
Delta R.T. -0.02 min
Lab File: BF102245.D
Acq: 20 Jan 2018 4:12

Tgt Ion:252 Resp: 42303

Ion	Ratio	Lower	Upper
252	100		
253	41.6	17.9	26.9#
125	34.7	10.2	15.2#