Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102189.D
Acq On : 18 Jan 2018 9:55
Operator : SJ/JU
Sample : J1144-06DL 50X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IGW-6DL

Quant Time: Jan 18 10:29:32 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 17 15:28:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	137307	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	539371	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	228743	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	328540	20.00	ng	0.00
75) Chrysene-d12	13.86	240	233294	20.00	ng	-0.01
86) Perylene-d12	15.28	264	221324	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	21008	2.16	ng	0.00
7) Phenol-d6	6.35	99	27912	2.41	ng	-0.01
23) Nitrobenzene-d5	7.48	82	1350	0.15	ng	0.19
41) 2,4,6-Tribromophenol	10.54	330	3814	1.91	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	33675	2.30	ng	-0.01
78) Terphenyl-d14	12.82	244	19791	1.76	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.27	77	70863	8.797	ng	# 1
18) Hexachloroethane	7.21	117	22342	5.656	ng	# 1
22) Acetophenone	7.12	105	217840	16.762	ng	# 59
31) Naphthalene	8.02	128	428516	15.900	ng	99
33) 4-Chloroaniline	8.02	127	55633	4.836	ng	# 40
37) 2-Methylnaphthalene	8.72	142	320626	18.071	ng	99
50) 2,6-Dinitrotoluene	9.75	165	35927	9.802	ng	# 27
53) 2,4-Dinitrophenol	10.05	184	315	8.858	ng	# 4
64) 4,6-Dinitro-2-methylphenol	10.49	198	108	5.716	ng	# 1

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

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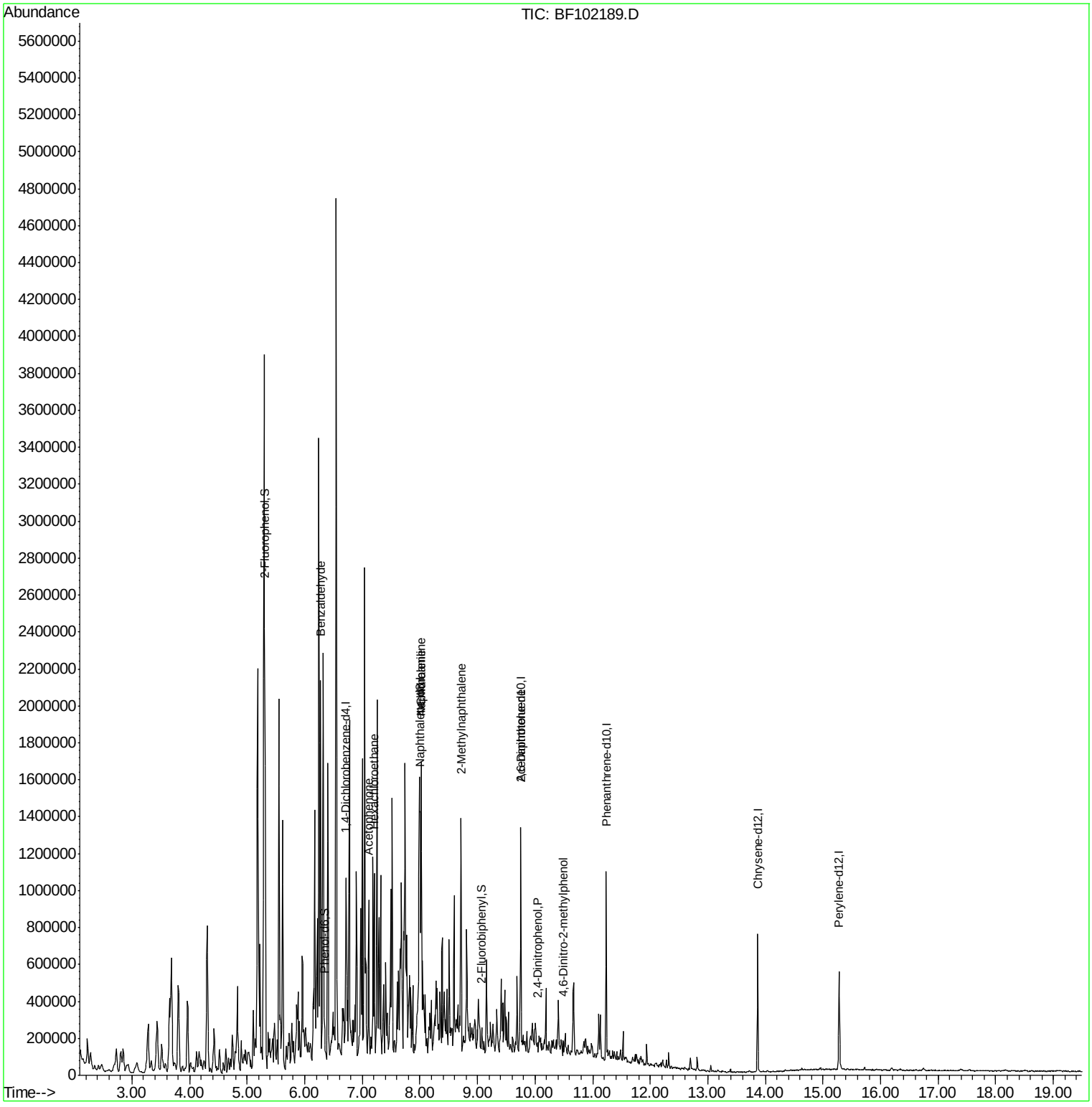
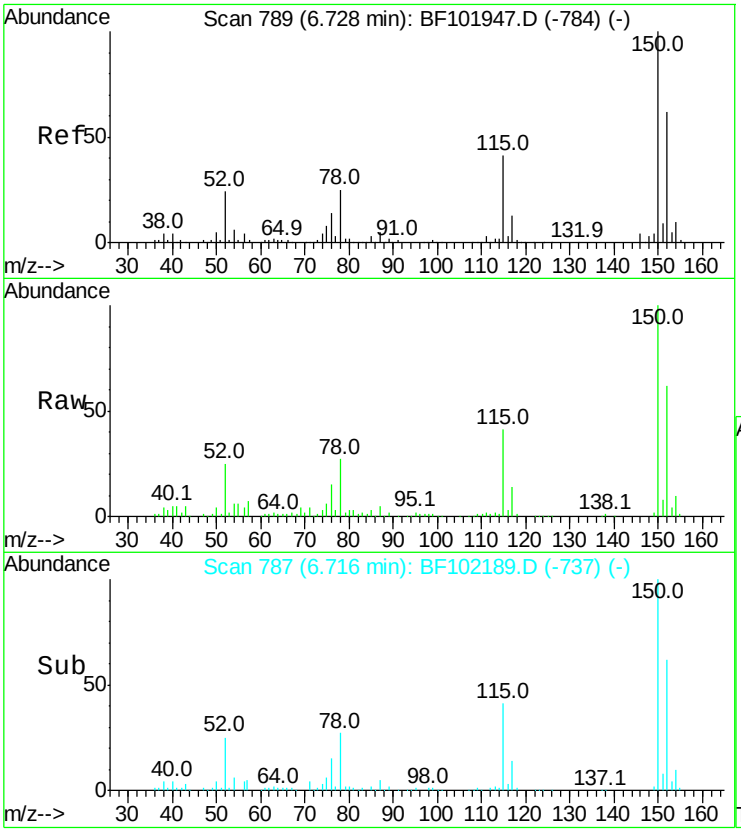


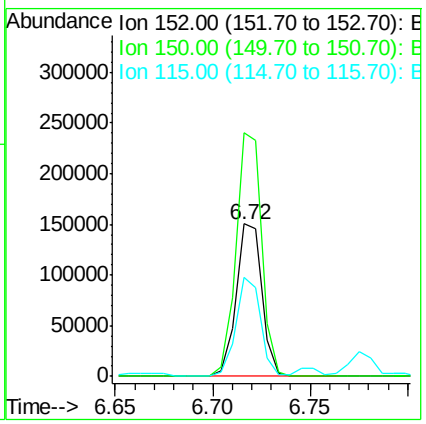


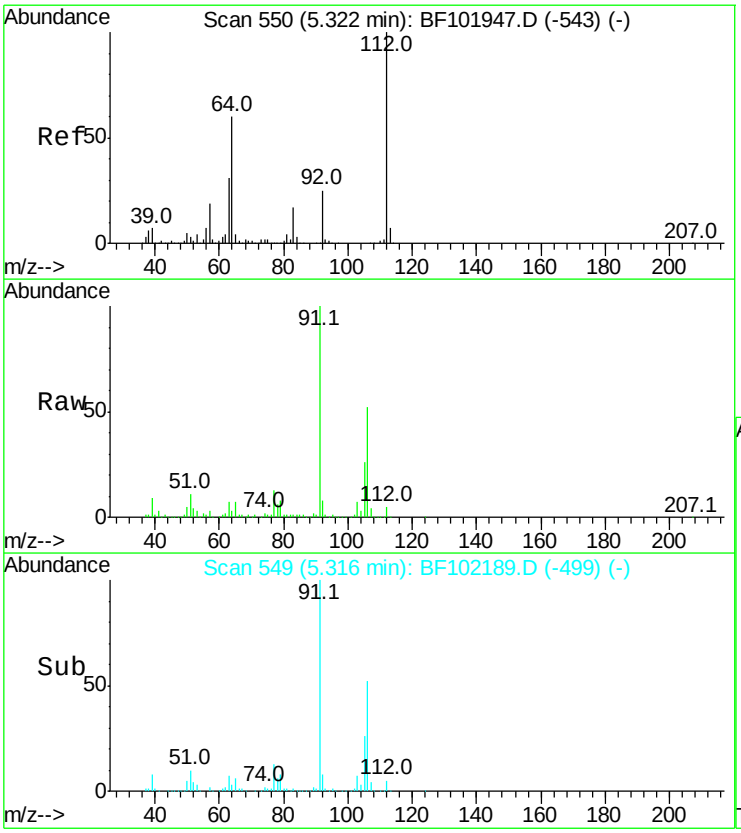
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF102189.D
Acq: 18 Jan 2018 9:55

Instrument :
BNA_F
ClientSampleId :
IGW-6DL

Tgt Ion:152 Resp: 137307

Ion	Ratio	Lower	Upper
152	100		
150	160.1	124.6	186.8
115	65.0	50.1	75.1

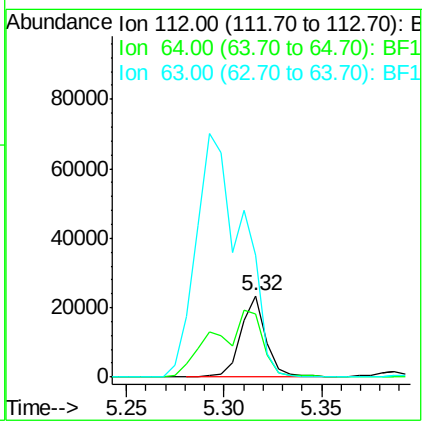


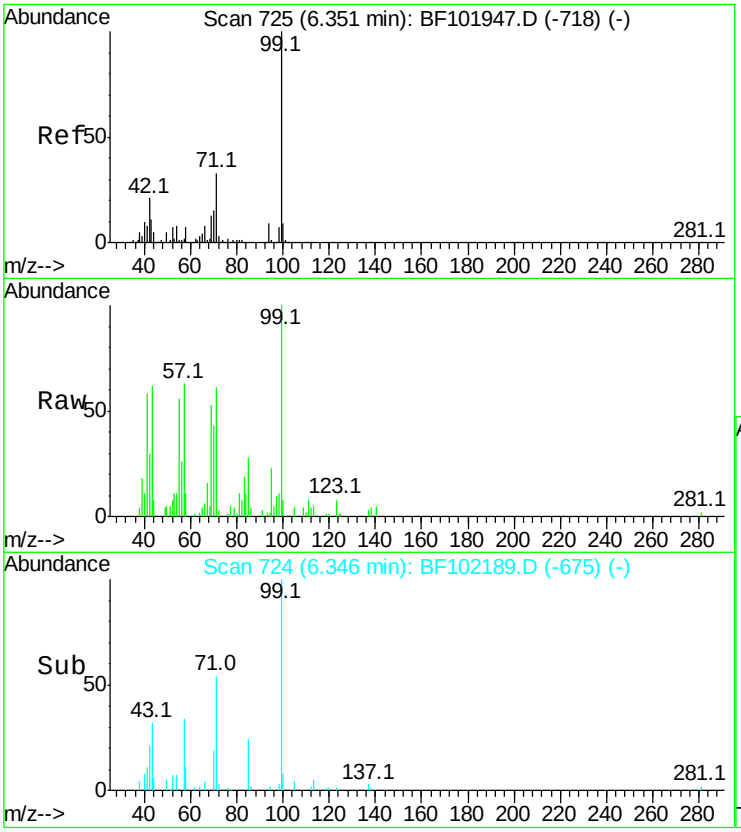


#5
2-Fluorophenol
Concen: 2.160 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF102189.D
Acq: 18 Jan 2018 9:55

Tgt Ion:112 Resp: 21008

Ion	Ratio	Lower	Upper
112	100		
64	77.3	47.9	71.9#
63	148.9	23.7	35.5#



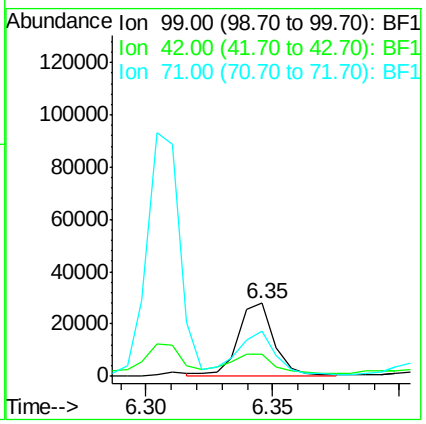


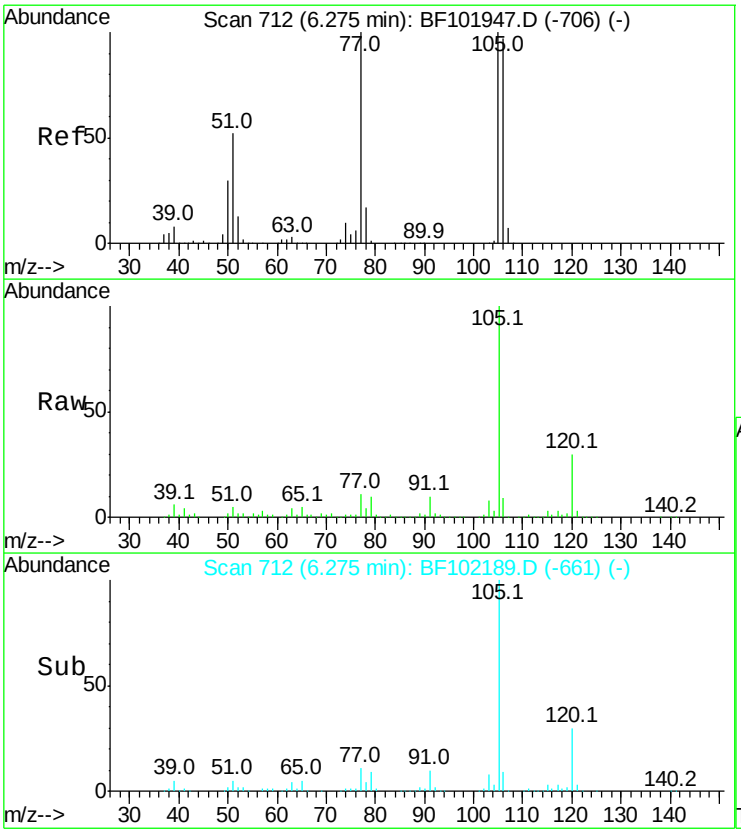
#7
Phenol-d6
Concen: 2.406 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF102189.D
Acq: 18 Jan 2018 9:55

Instrument :
BNA_F
ClientSampleId :
IGW-6DL

Tgt Ion: 99 Resp: 27912

Ion	Ratio	Lower	Upper
99	100		
42	29.5	14.5	21.7#
71	61.3	25.4	38.0#

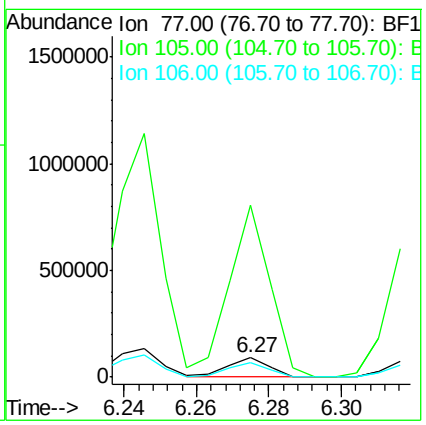


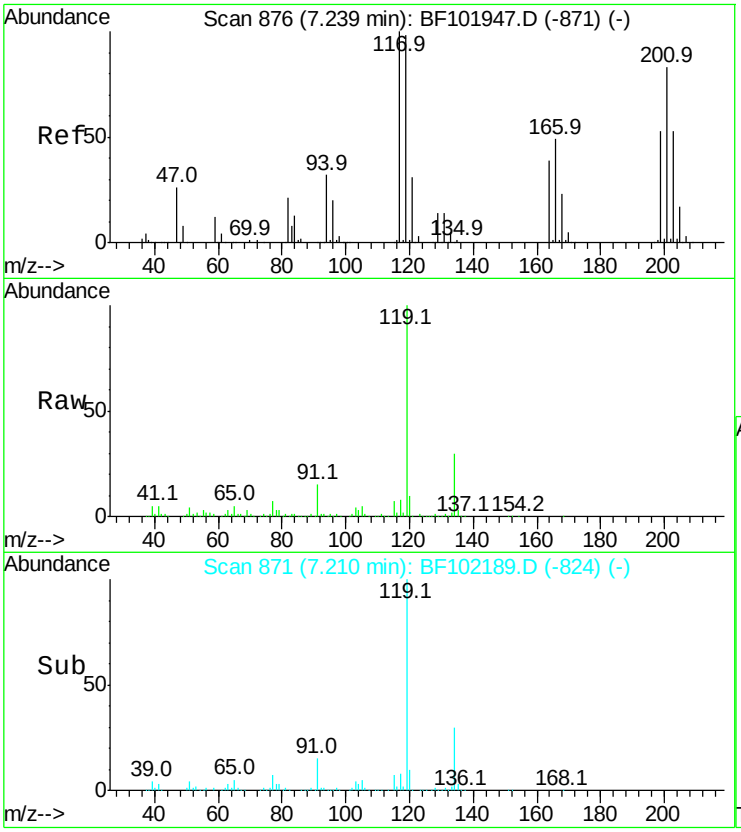


#9
Benzaldehyde
Concen: 8.797 ng
RT: 6.27 min Scan# 712
Delta R.T. 0.00 min
Lab File: BF102189.D
Acq: 18 Jan 2018 9:55

Tgt Ion: 77 Resp: 70863

Ion	Ratio	Lower	Upper
77	100		
105	881.6	81.1	121.1#
106	76.3	74.5	114.5



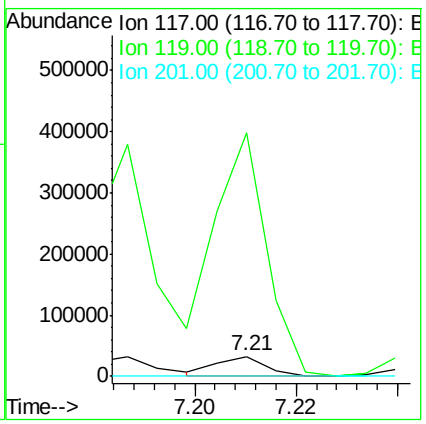


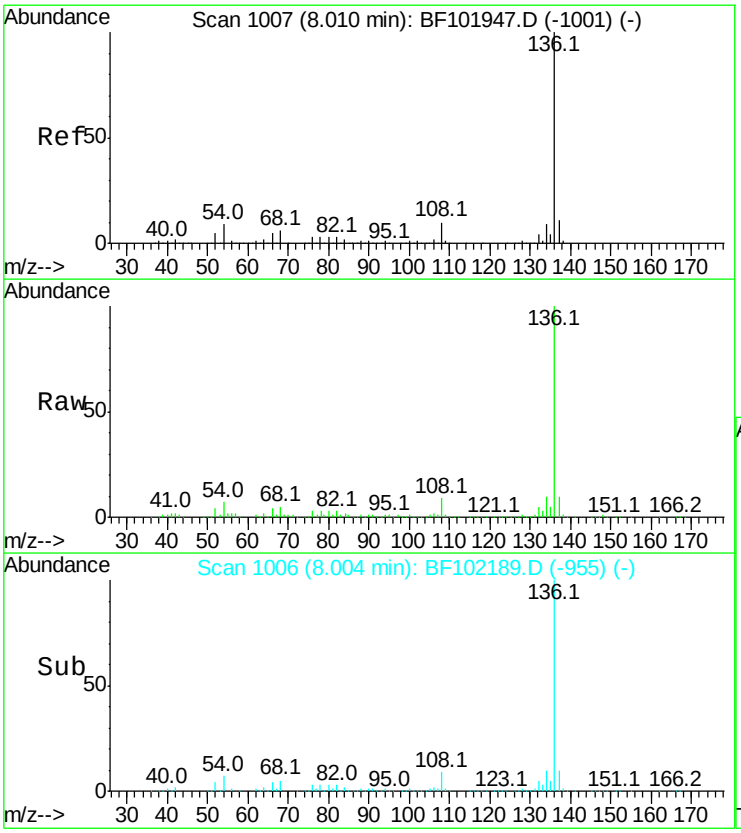
#18
Hexachloroethane
Concen: 5.656 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.02 min
Lab File: BF102189.D
Acq: 18 Jan 2018 9:55

Instrument :
BNA_F
ClientSampleId :
IGW-6DL

Tgt Ion:117 Resp: 22342

Ion	Ratio	Lower	Upper
117	100		
119	1240.3	75.8	113.8#
201	0.0	75.7	113.5#

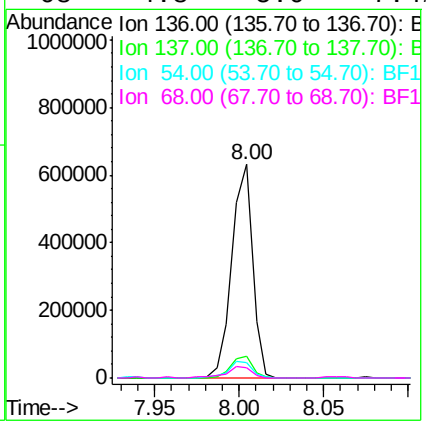


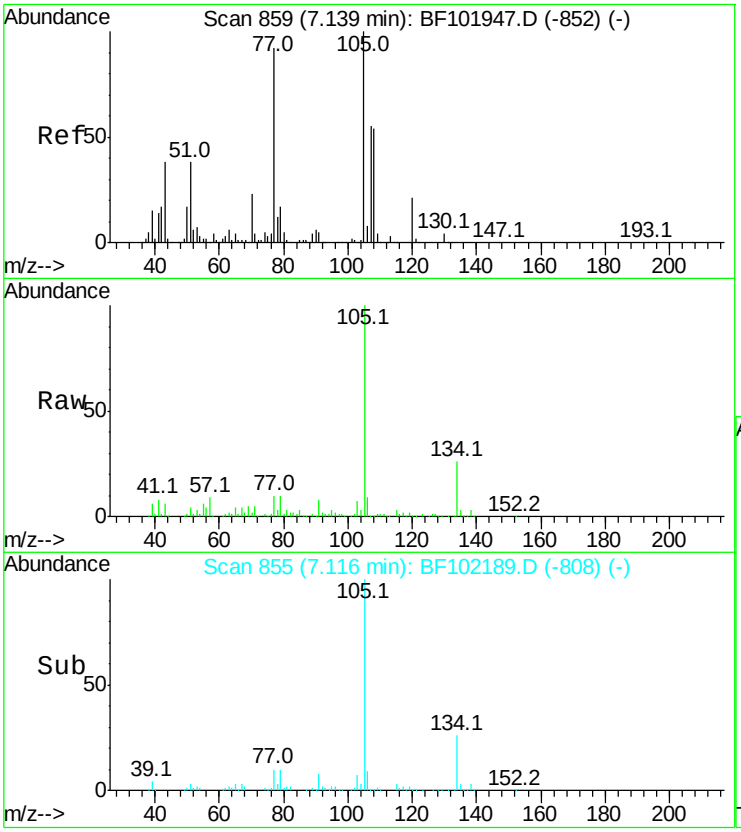


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BF102189.D
Acq: 18 Jan 2018 9:55

Tgt Ion:136 Resp: 539371

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.9	13.3
54	7.3	6.6	9.8
68	4.8	5.0	7.4#



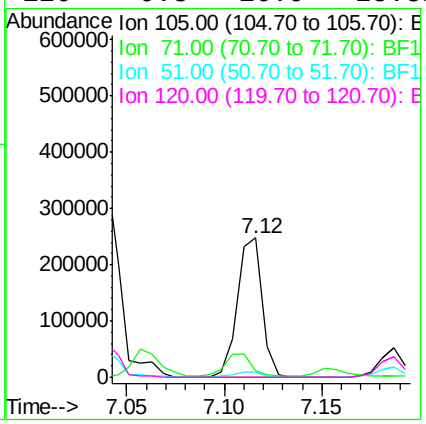


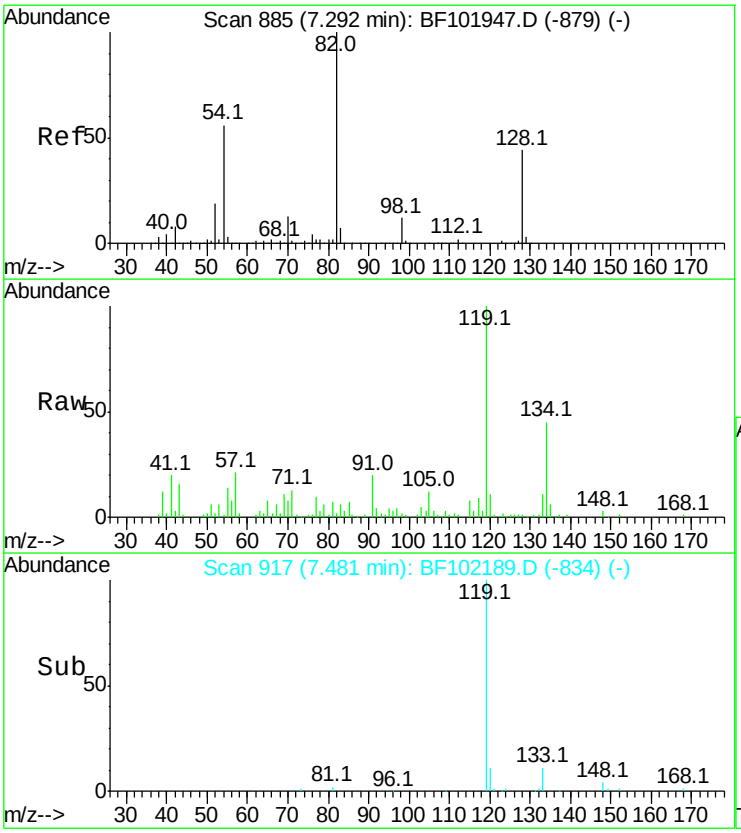
#22
Acetophenone
Concen: 16.762 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.02 min
Lab File: BF102189.D
Acq: 18 Jan 2018 9:55

Instrument :
BNA_F
ClientSampleId :
IGW-6DL

Tgt Ion:105 Resp: 217840

Ion	Ratio	Lower	Upper
105	100		
71	4.6	4.4	6.6
51	3.7	22.3	33.5#
120	0.3	16.9	25.3#

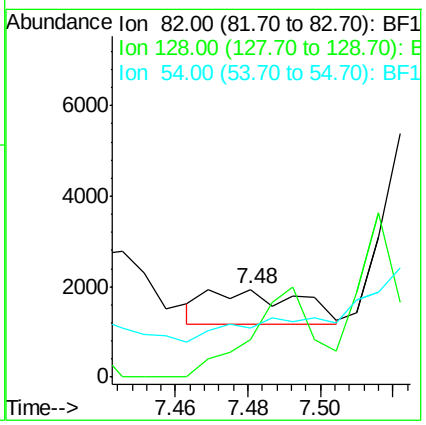


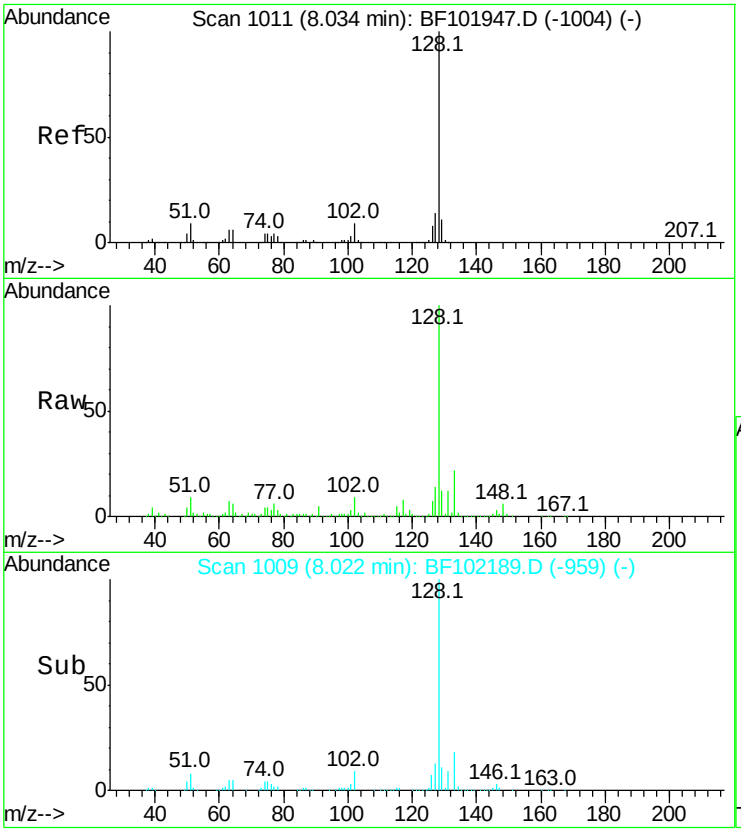


#23
Nitrobenzene-d5
Concen: 0.147 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.19 min
Lab File: BF102189.D
Acq: 18 Jan 2018 9:55

Tgt Ion: 82 Resp: 1350

Ion	Ratio	Lower	Upper
82	100		
128	43.2	36.1	54.1
54	55.3	41.4	62.2



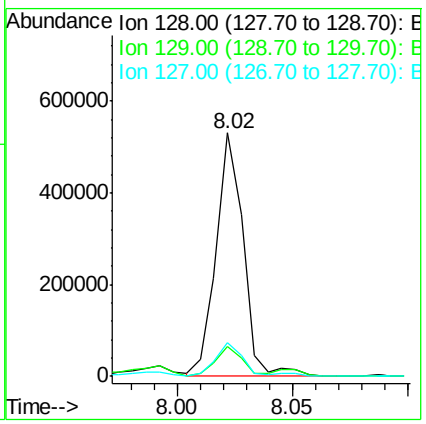


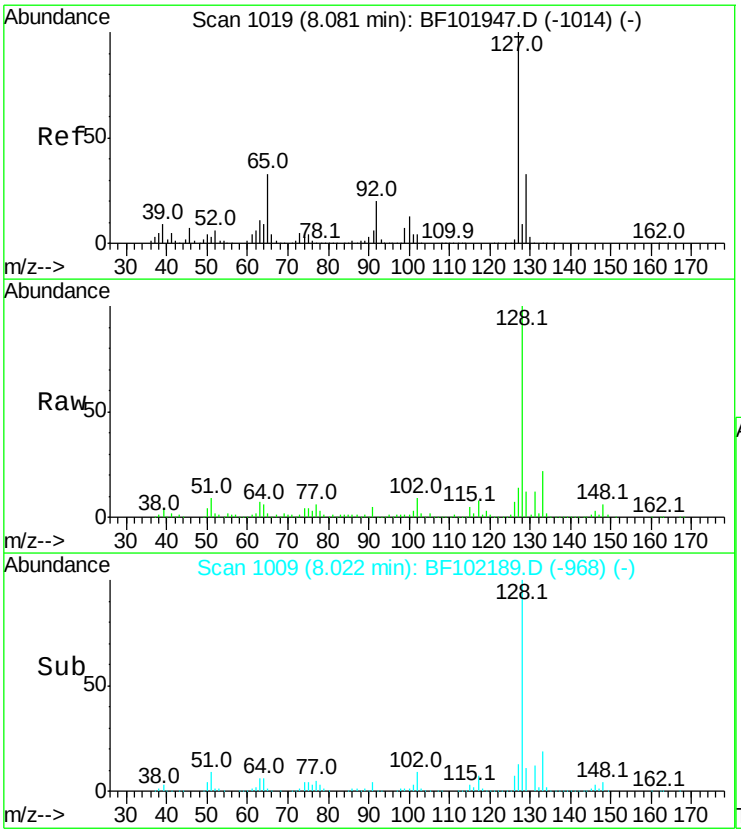
#31
Naphthalene
Concen: 15.900 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF102189.D
Acq: 18 Jan 2018 9:55

Instrument :
BNA_F
ClientSampleId :
IGW-6DL

Tgt Ion:128 Resp: 428516

Ion	Ratio	Lower	Upper
128	100		
129	12.0	8.8	13.2
127	13.8	10.9	16.3

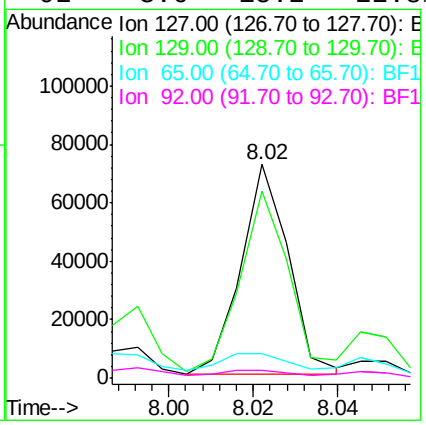


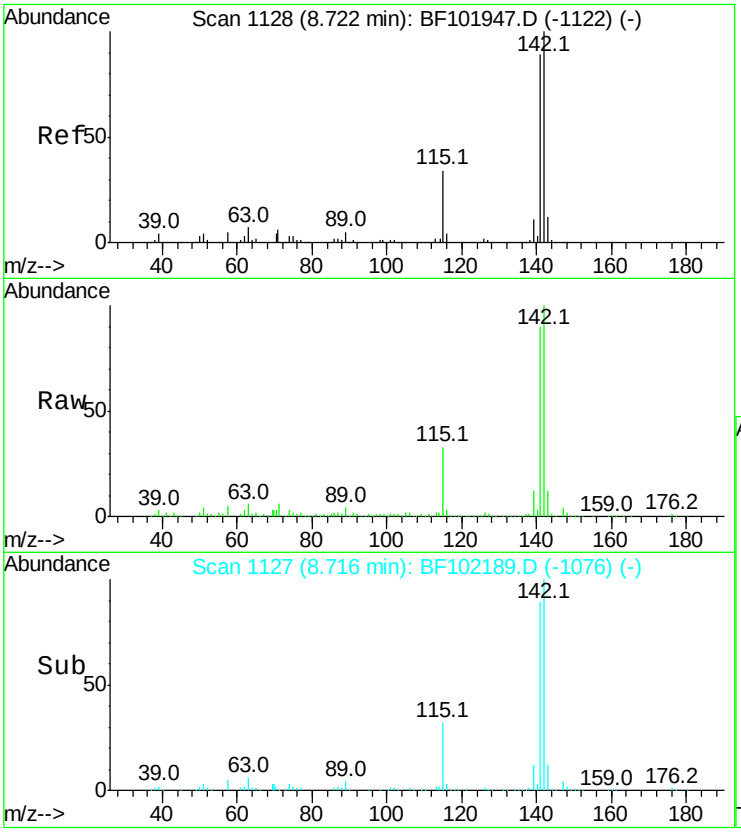


#33
4-Chloroaniline
Concen: 4.836 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.06 min
Lab File: BF102189.D
Acq: 18 Jan 2018 9:55

Tgt Ion:127 Resp: 55633

Ion	Ratio	Lower	Upper
127	100		
129	87.3	25.9	38.9#
65	11.2	25.0	37.4#
92	3.6	15.2	22.8#



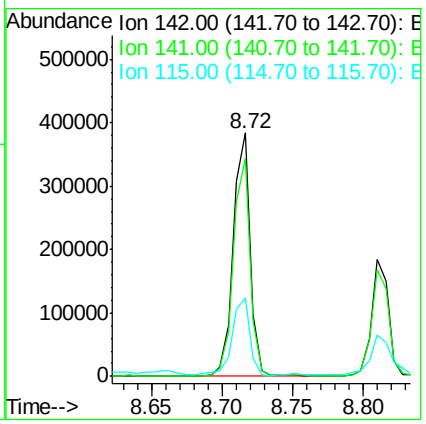


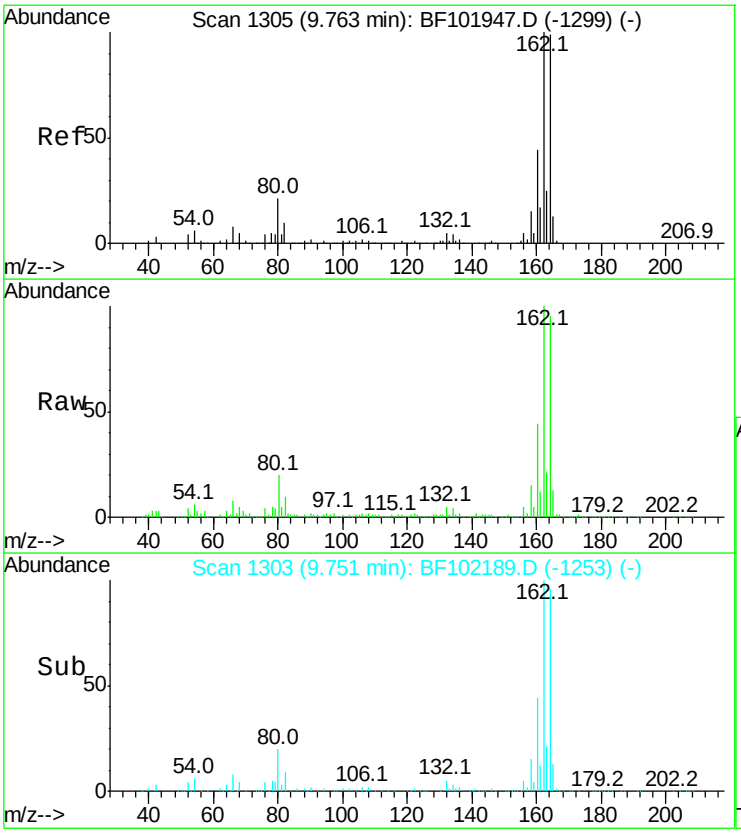
#37
2-Methylnaphthalene
Concen: 18.071 ng
RT: 8.72 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF102189.D
Acq: 18 Jan 2018 9:55

Instrument :
BNA_F
ClientSampleId :
IGW-6DL

Tgt Ion:142 Resp: 320626

Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.8	106.2
115	32.5	26.1	39.1

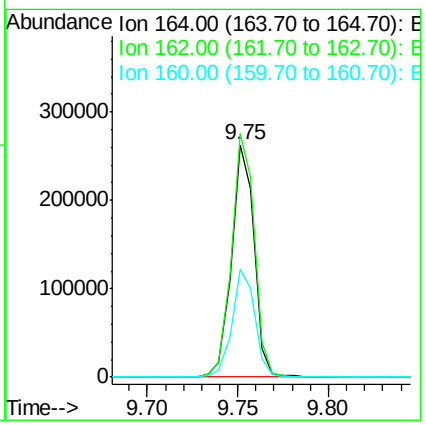


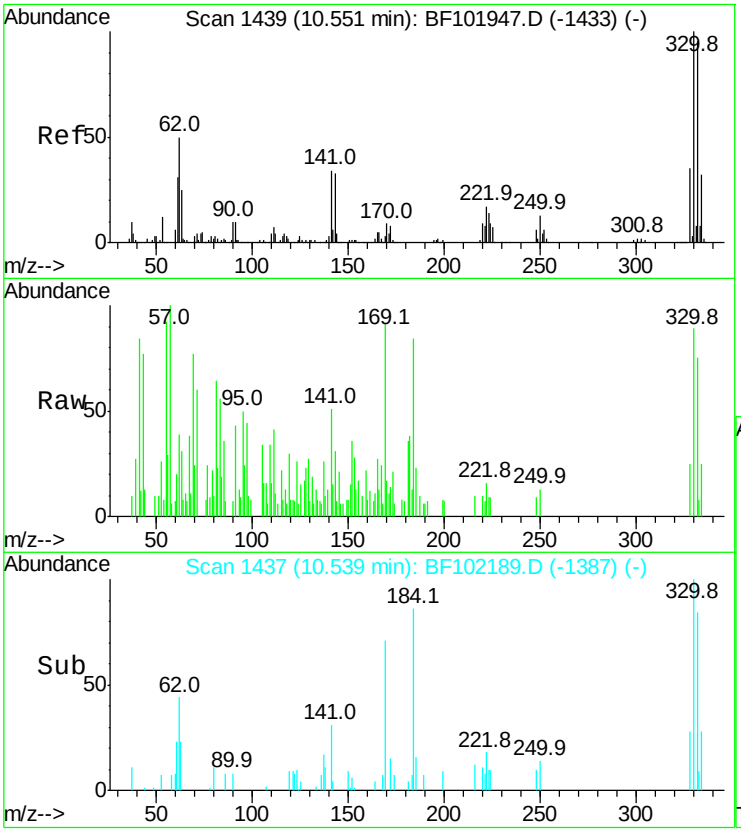


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF102189.D
Acq: 18 Jan 2018 9:55

Tgt Ion:164 Resp: 228743

Ion	Ratio	Lower	Upper
164	100		
162	104.8	86.1	129.1
160	46.3	38.3	57.5



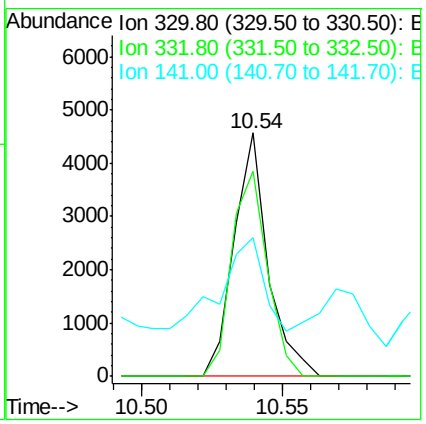


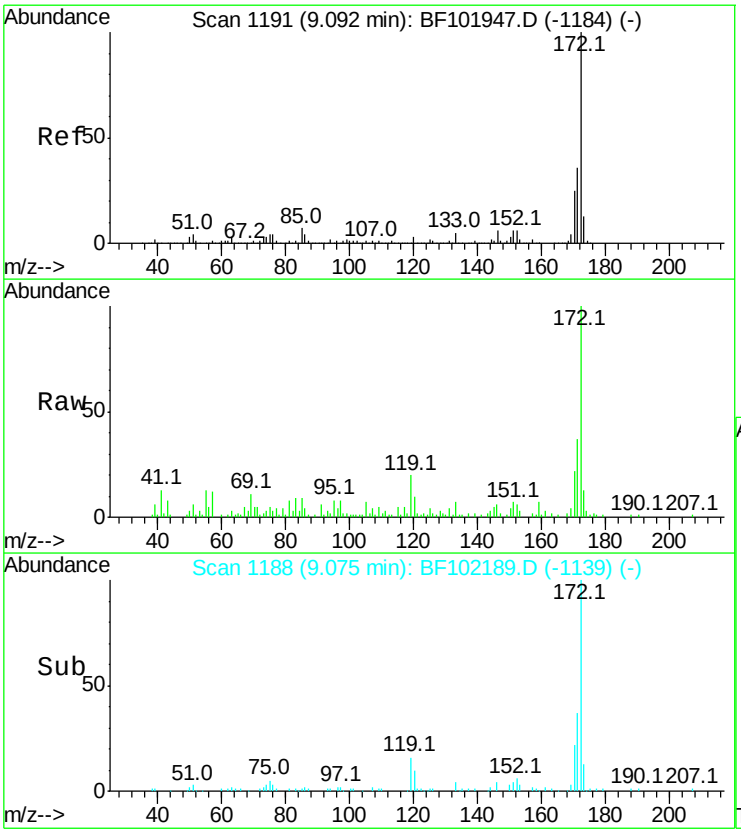
#41
2,4,6-Tribromophenol
Concen: 1.911 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF102189.D
Acq: 18 Jan 2018 9:55

Instrument :
BNA_F
ClientSampleId :
IGW-6DL

Tgt Ion:330 Resp: 3814

Ion	Ratio	Lower	Upper
330	100		
332	88.1	77.0	115.6
141	48.0	29.9	44.9#

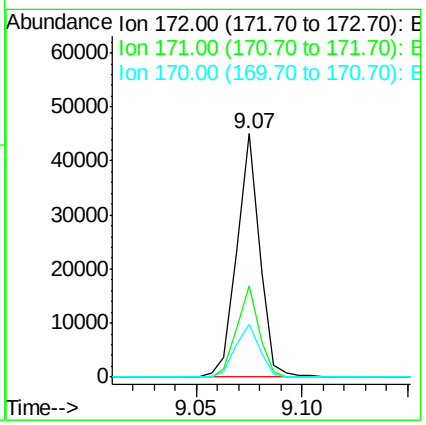


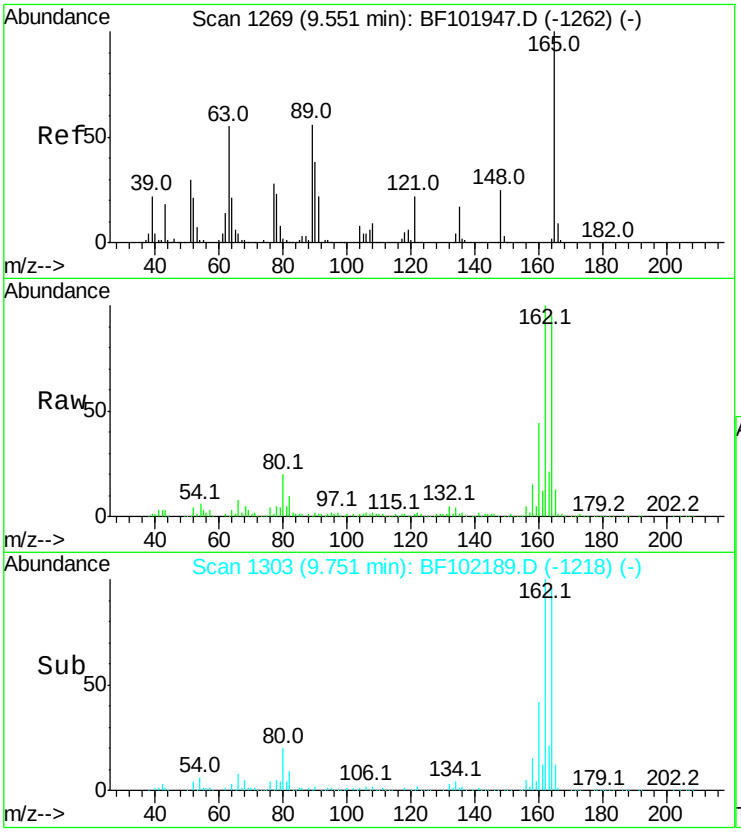


#44
2-Fluorobiphenyl
Concen: 2.300 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF102189.D
Acq: 18 Jan 2018 9:55

Tgt Ion:172 Resp: 33675

Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.7	44.5
170	21.6	19.6	29.4



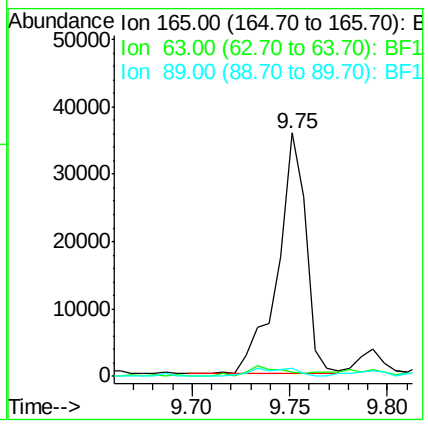


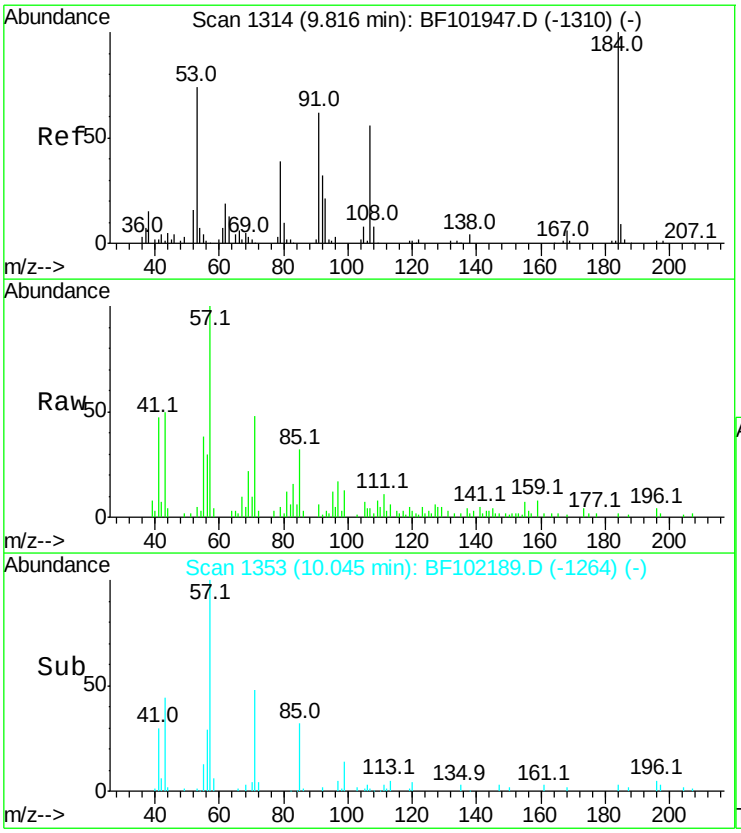
#50
2,6-Dinitrotoluene
Concen: 9.802 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.20 min
Lab File: BF102189.D
Acq: 18 Jan 2018 9:55

Instrument :
BNA_F
ClientSampleId :
IGW-6DL

Tgt Ion:165 Resp: 35927

Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	3.1	44.0	66.0#

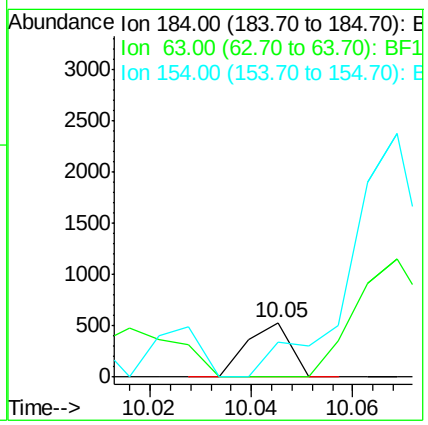


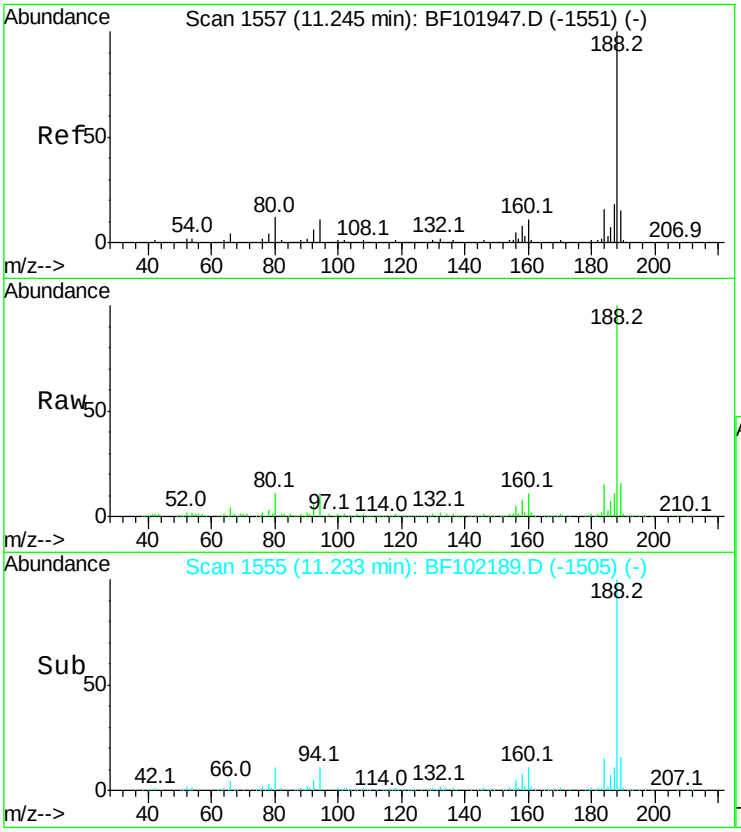


#53
2,4-Dinitrophenol
Concen: 8.858 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.22 min
Lab File: BF102189.D
Acq: 18 Jan 2018 9:55

Tgt Ion:184 Resp: 315

Ion	Ratio	Lower	Upper
184	100		
63	0.0	54.2	81.2#
154	64.3	184.0	276.0#



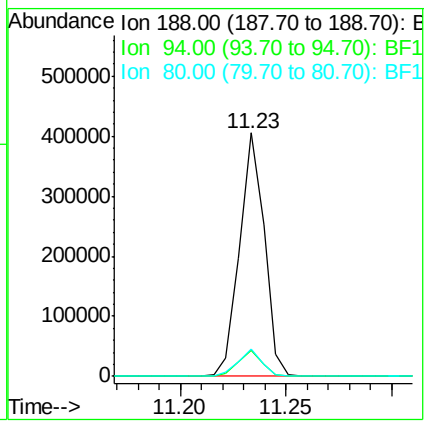


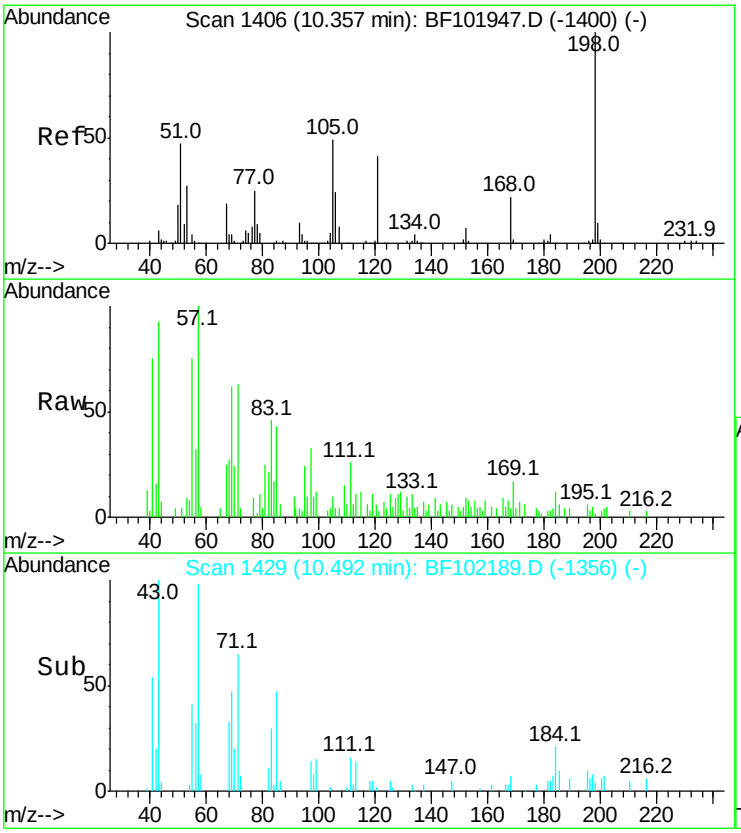
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102189.D
Acq: 18 Jan 2018 9:55

Instrument :
BNA_F
ClientSampleId :
IGW-6DL

Tgt Ion:188 Resp: 328540

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	11.4	9.2	13.8

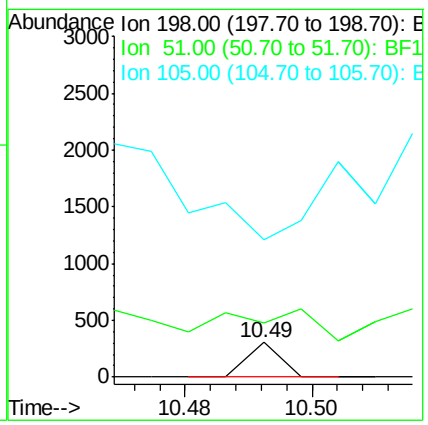


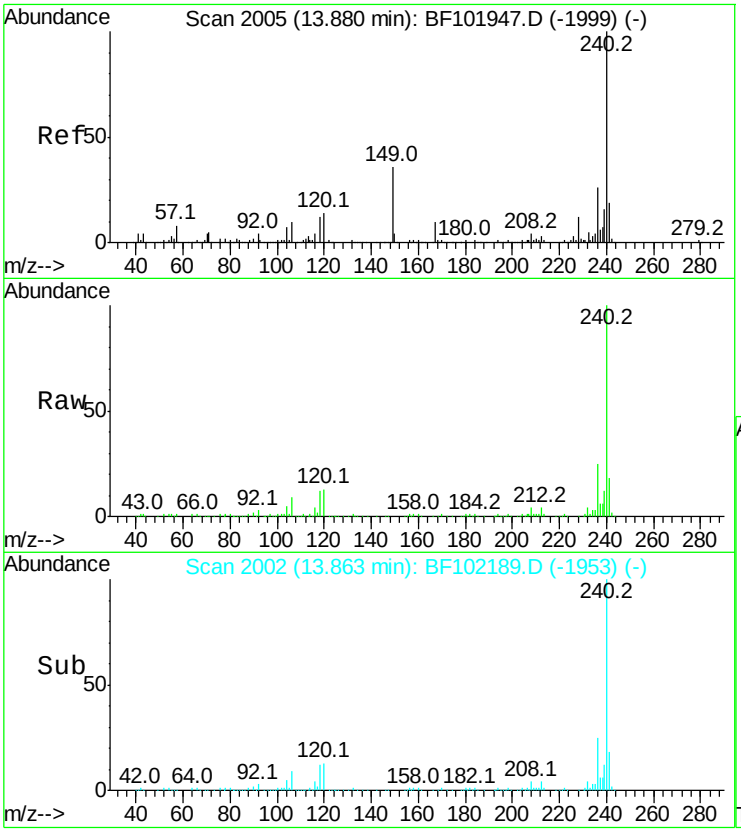


#64
4,6-Dinitro-2-methylphenol
Concen: 5.716 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.13 min
Lab File: BF102189.D
Acq: 18 Jan 2018 9:55

Tgt Ion:198 Resp: 108

Ion	Ratio	Lower	Upper
198	100		
51	156.7	37.7	77.7#
105	395.4	36.3	76.3#



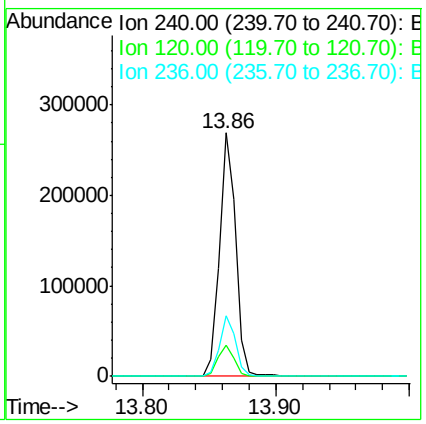


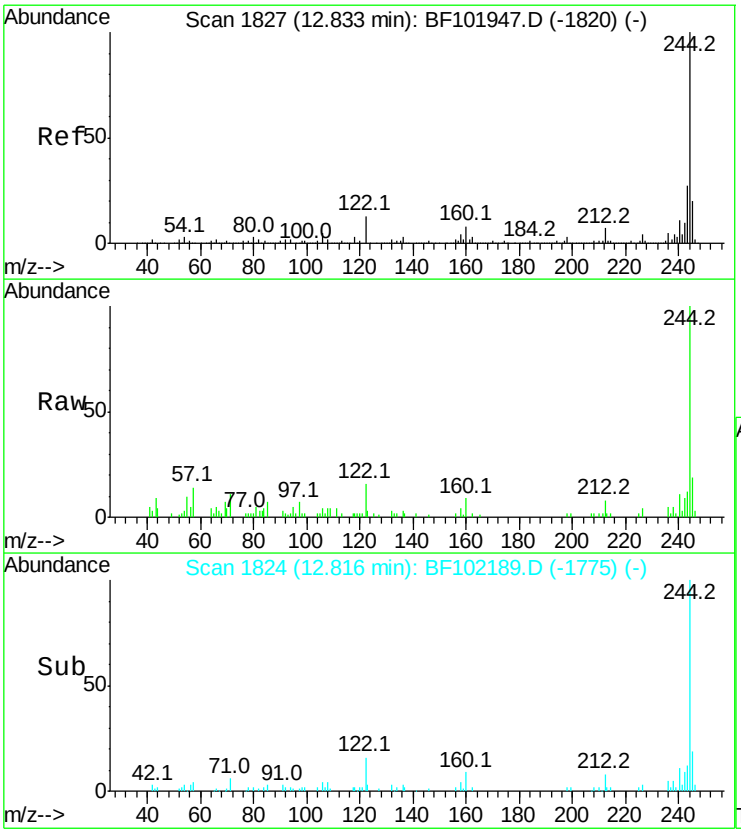
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF102189.D
Acq: 18 Jan 2018 9:55

Instrument :
BNA_F
ClientSampleId :
IGW-6DL

Tgt Ion:240 Resp: 233294

Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.5	14.3
236	25.0	20.7	31.1

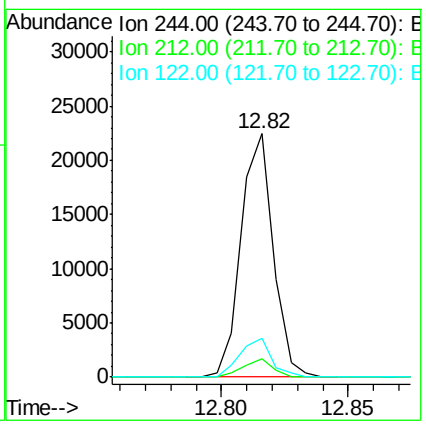


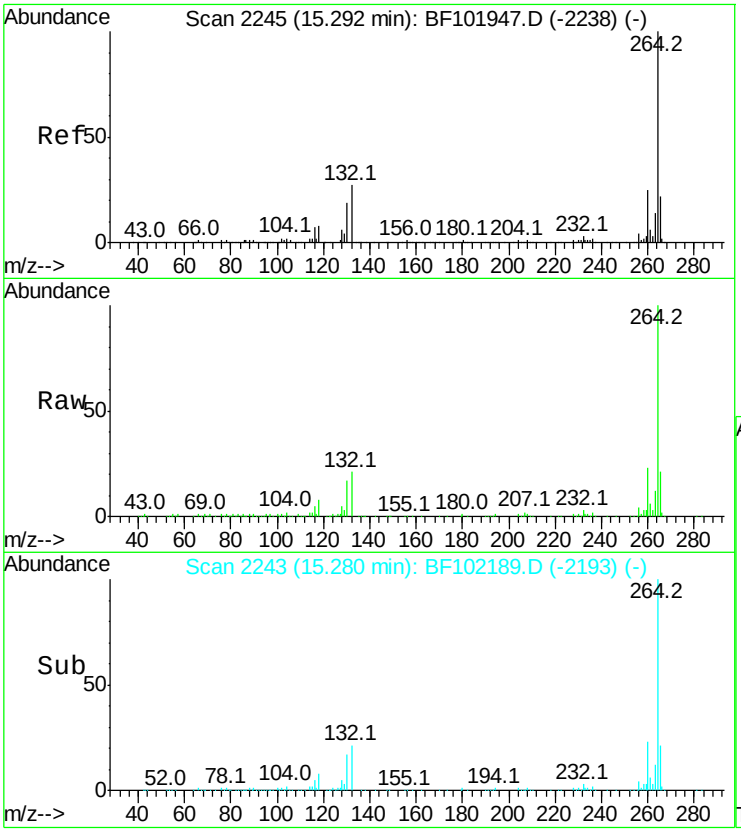


#78
Terphenyl-d14
Concen: 1.761 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF102189.D
Acq: 18 Jan 2018 9:55

Tgt Ion:244 Resp: 19791

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.4	8.0
122	19.2	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BF102189.D
Acq: 18 Jan 2018 9:55

Instrument :
BNA_F
ClientSampleId :
IGW-6DL

Tgt Ion:264 Resp: 221324

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	20.8	17.5	26.3