Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092618\

Quantitation Report (Not Reviewed)

Data File : BF109344.D
Acq On : 26 Sep 2018 18:37
Operator : JU/SJ
Sample : J4774-05 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-03-092418RE

Quant Time: Sep 27 05:38:51 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	116582	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	461411	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	219239	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	368635	20.00	ng	0.00
75) Chrysene-d12	13.84	240	306347	20.00	ng	0.00
86) Perylene-d12	15.24	264	300019	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	59586	8.42	ng	-0.01
7) Phenol-d6	6.33	99	79844	8.84	ng	-0.02
23) Nitrobenzene-d5	7.26	82	46319	5.93	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	17628	8.16	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	101489	6.98	ng	-0.01
78) Terphenyl-d14	12.79	244	80742	6.47	ng	-0.01
Target Compounds						Qvalue
25) Isophorone	7.26	82	42492	3.019	ng	# 64
50) 2,6-Dinitrotoluene	9.74	165	28886	9.147	ng	# 26
56) 2,4-Dinitrotoluene	9.74	165	28886	7.229	ng	# 23
70) Phenanthrene	11.23	178	63809	3.467	ng	97
74) Fluoranthene	12.42	202	80031	4.069	ng	95
77) Pyrene	12.64	202	74466	3.392	ng	98
87) Benzo(b)fluoranthene	14.84	252	54987	3.335	ng	93
88) Benzo(k)fluoranthene	14.84	252	54987	3.515	ng	96

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

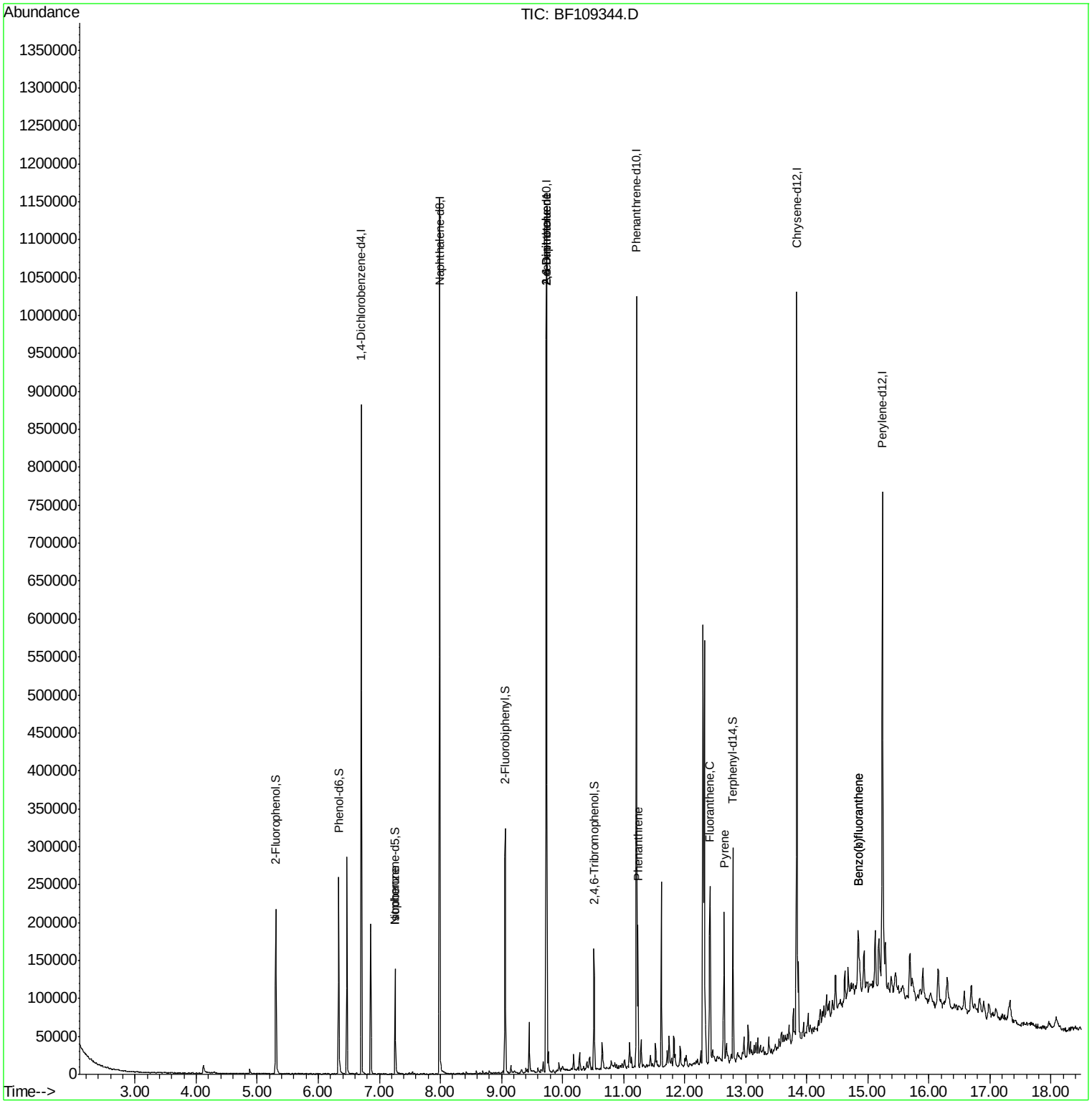
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092618\

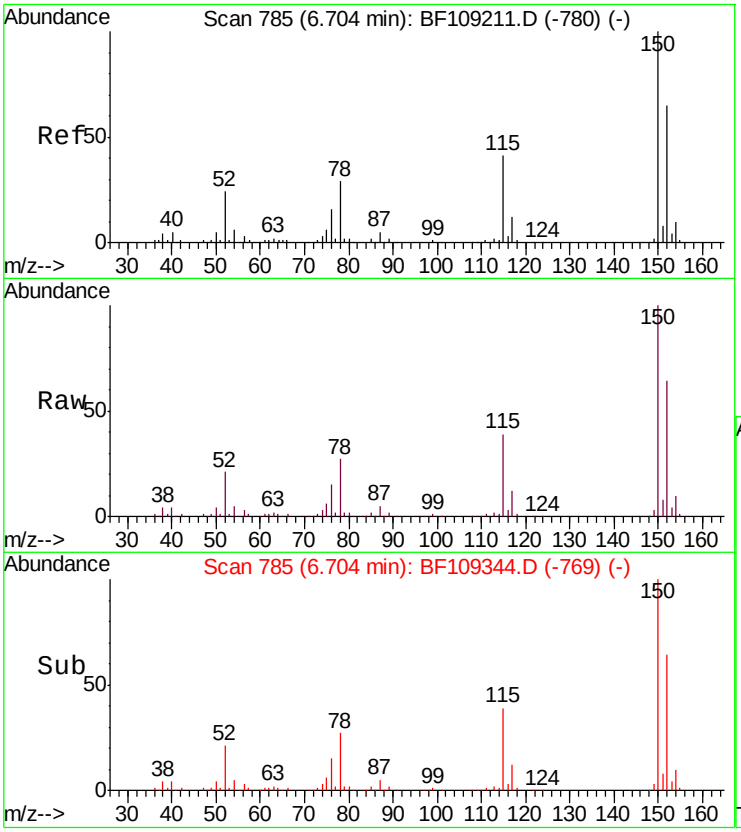
Quantitation Report (Not Reviewed)

Data File : BF109344.D
Acq On : 26 Sep 2018 18:37
Operator : JU/SJ
Sample : J4774-05 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-03-092418RE

Quant Time: Sep 27 05:38:51 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration



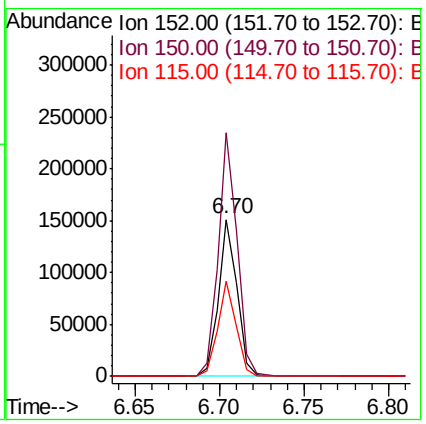


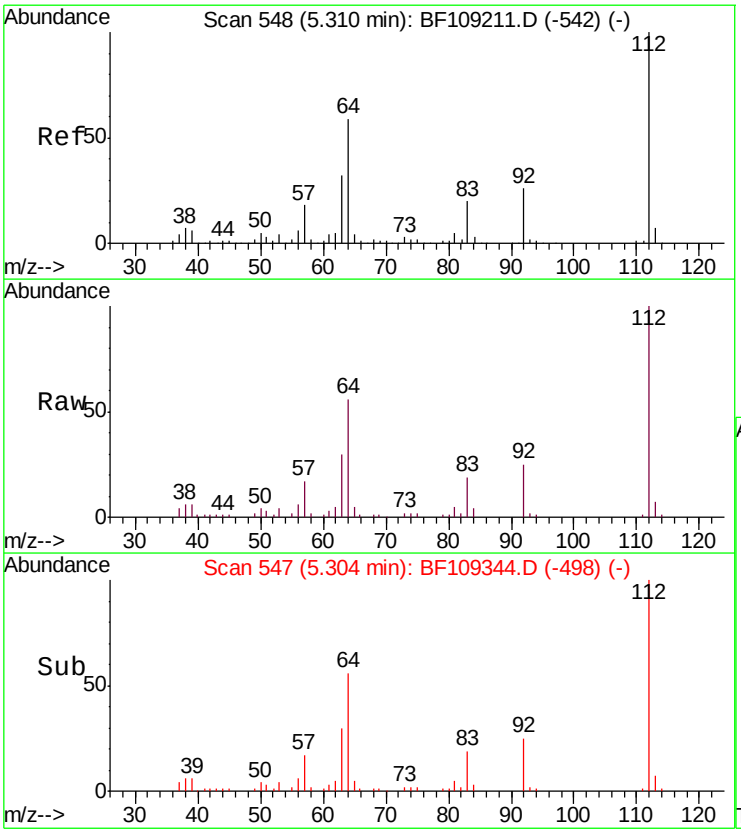
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109344.D
Acq: 26 Sep 2018 18:37

Instrument :
BNA_F
ClientSampleId :
OK-03-092418RE

Tgt Ion:152 Resp: 116582

Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.6	186.8
115	60.9	50.1	75.1

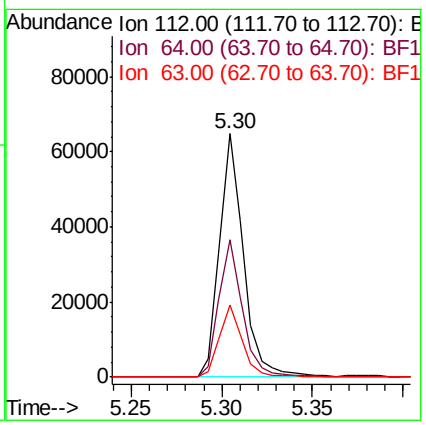


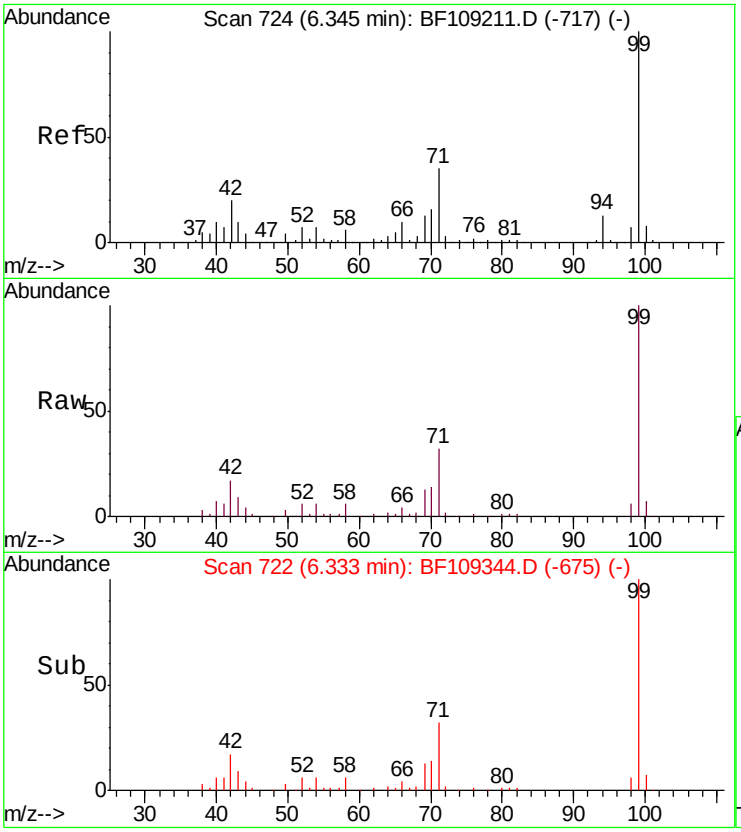


#5
2-Fluorophenol
Concen: 8.418 ng
RT: 5.30 min Scan# 547
Delta R.T. -0.01 min
Lab File: BF109344.D
Acq: 26 Sep 2018 18:37

Tgt Ion:112 Resp: 59586

Ion	Ratio	Lower	Upper
112	100		
64	56.2	47.9	71.9
63	29.7	23.7	35.5



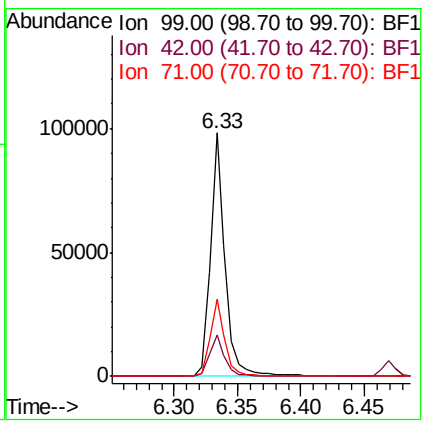


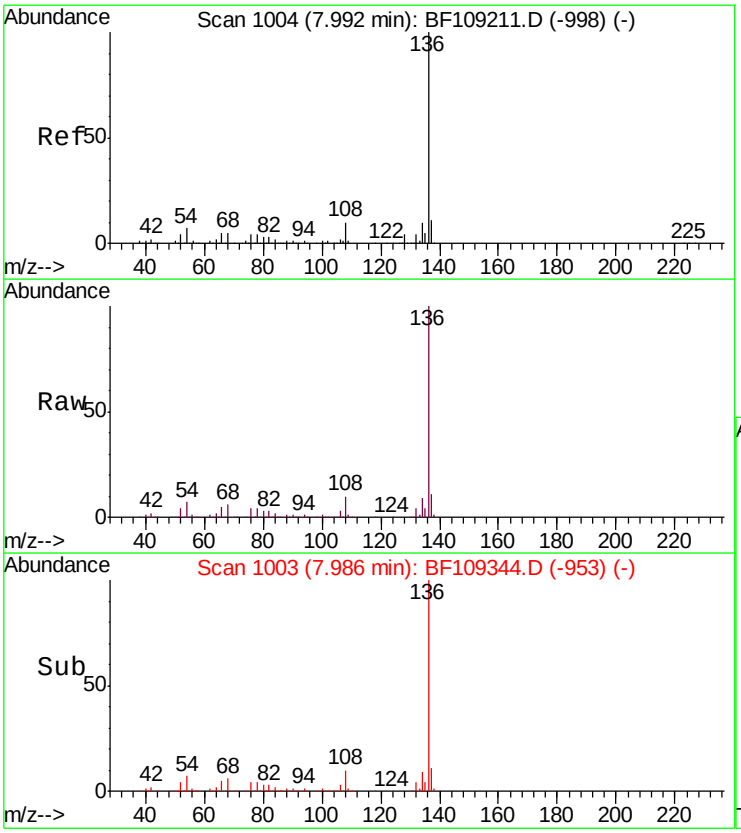
#7
Phenol-d6
Concen: 8.840 ng
RT: 6.33 min Scan# 722
Delta R.T. -0.02 min
Lab File: BF109344.D
Acq: 26 Sep 2018 18:37

Instrument :
BNA_F
ClientSampleId :
OK-03-092418RE

Tgt Ion: 99 Resp: 79844

Ion	Ratio	Lower	Upper
99	100		
42	16.9	14.5	21.7
71	31.8	25.4	38.0

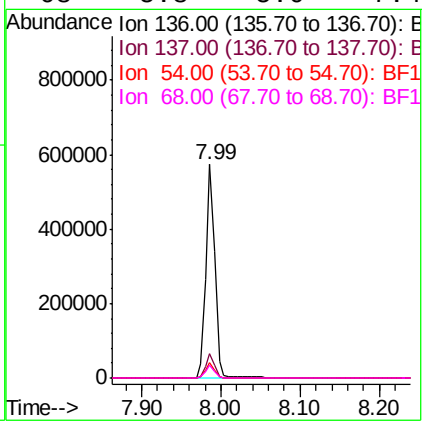


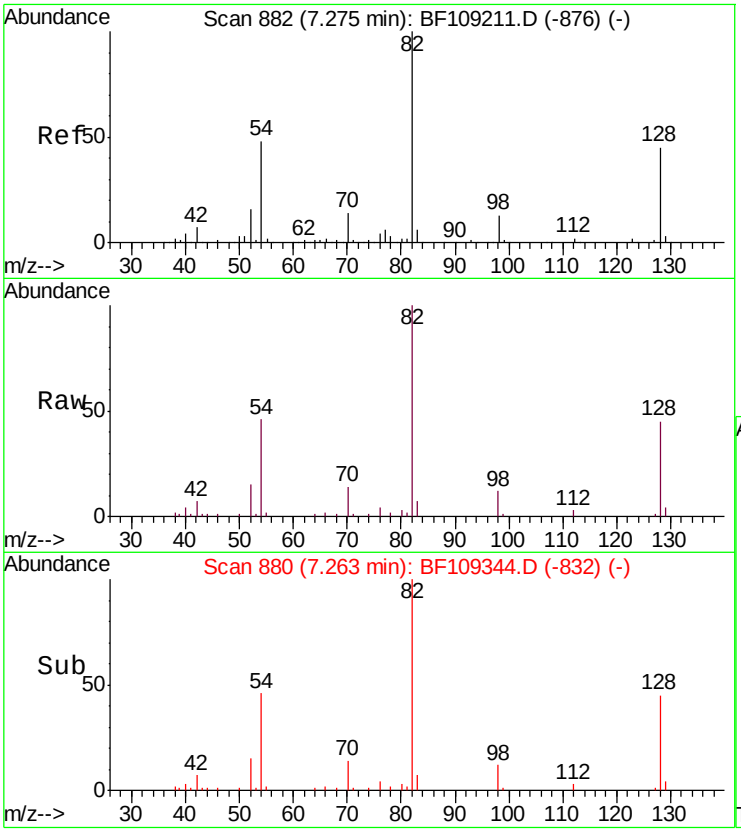


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109344.D
Acq: 26 Sep 2018 18:37

Tgt Ion:136 Resp: 461411

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	7.0	6.6	9.8
68	5.8	5.0	7.4



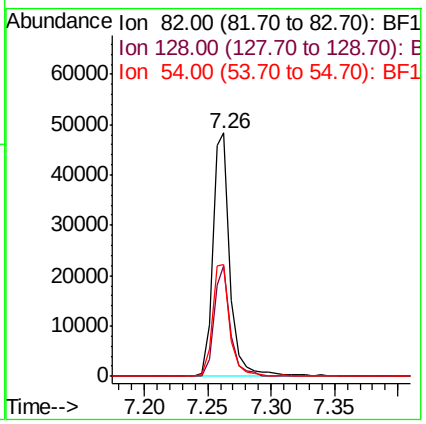


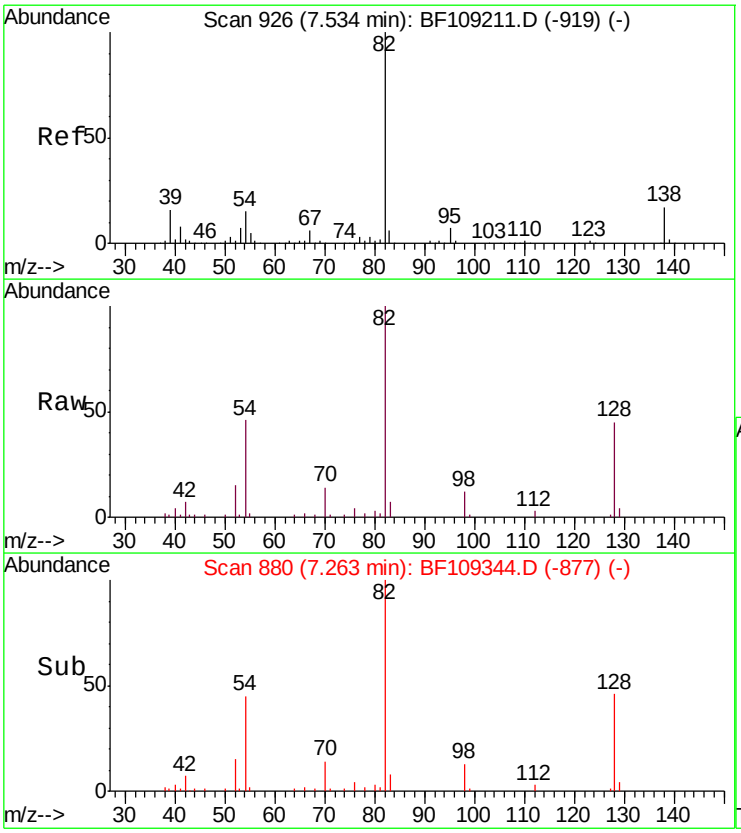
#23
Nitrobenzene-d5
Concen: 5.926 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF109344.D
Acq: 26 Sep 2018 18:37

Instrument :
BNA_F
ClientSampleId :
OK-03-092418RE

Tgt Ion: 82 Resp: 46319

Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.1	54.1
54	45.7	41.4	62.2

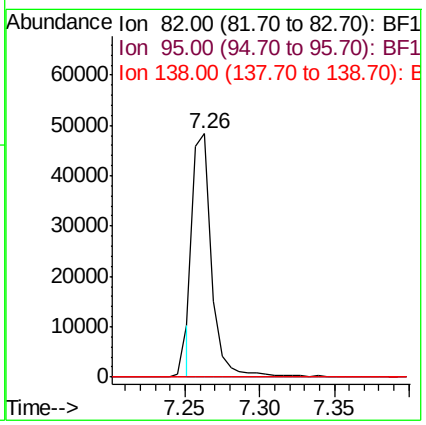


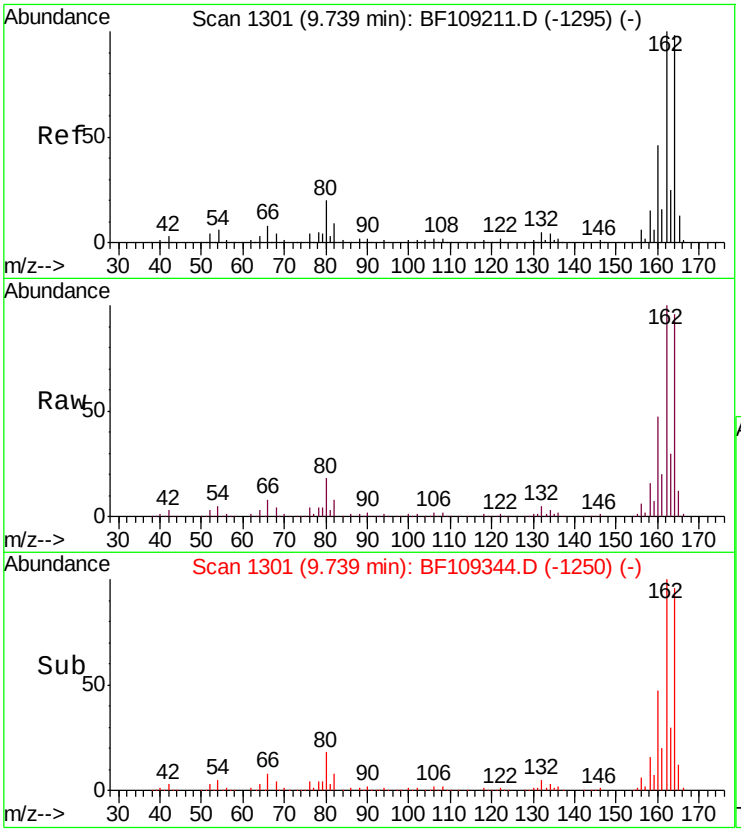


#25
Isophorone
Concen: 3.019 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.28 min
Lab File: BF109344.D
Acq: 26 Sep 2018 18:37

Tgt Ion: 82 Resp: 42492

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



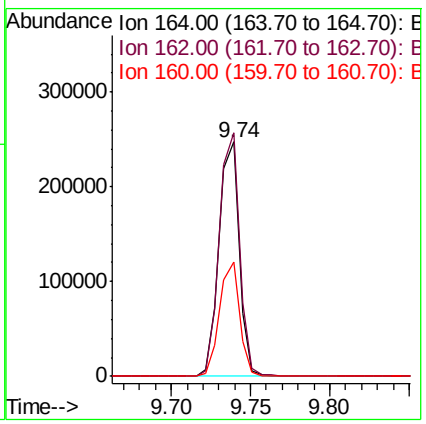


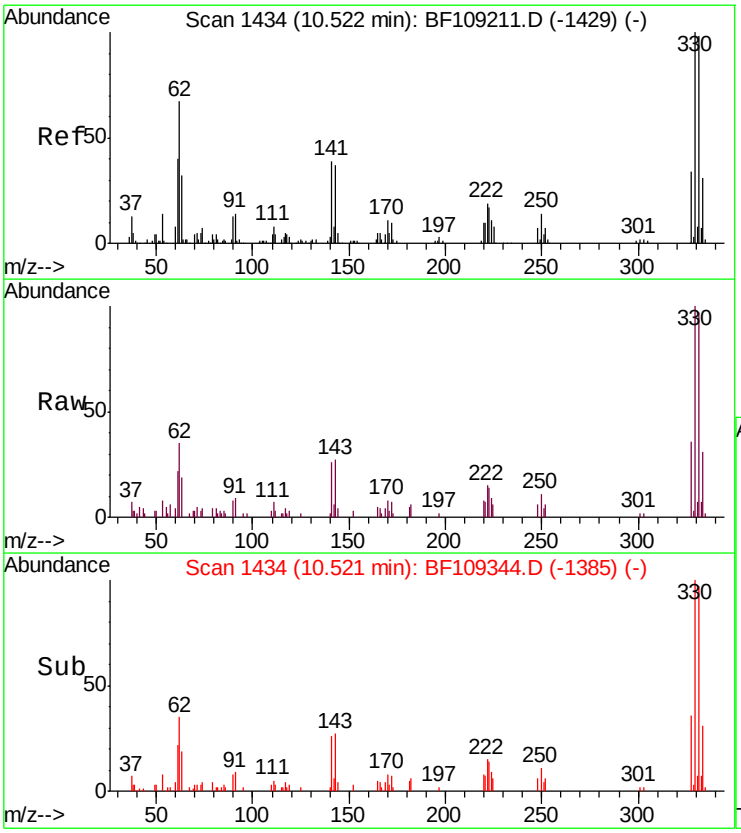
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF109344.D
Acq: 26 Sep 2018 18:37

Instrument :
BNA_F
ClientSampleId :
OK-03-092418RE

Tgt Ion:164 Resp: 219239

Ion	Ratio	Lower	Upper
164	100		
162	104.0	86.1	129.1
160	48.7	38.3	57.5

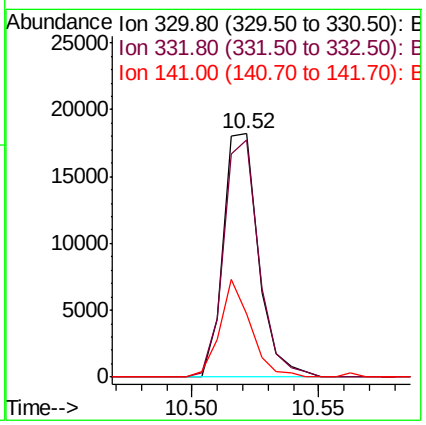


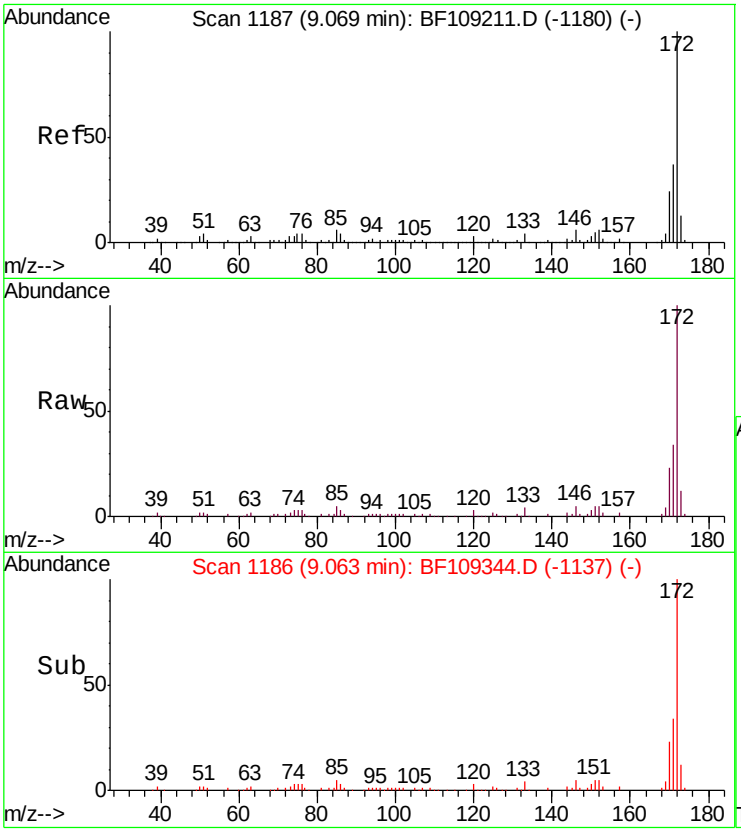


#41
2,4,6-Tribromophenol
Concen: 8.156 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF109344.D
Acq: 26 Sep 2018 18:37

Tgt Ion:330 Resp: 17628

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	34.8	29.9	44.9



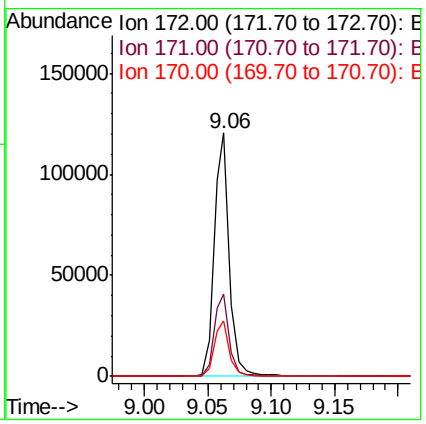


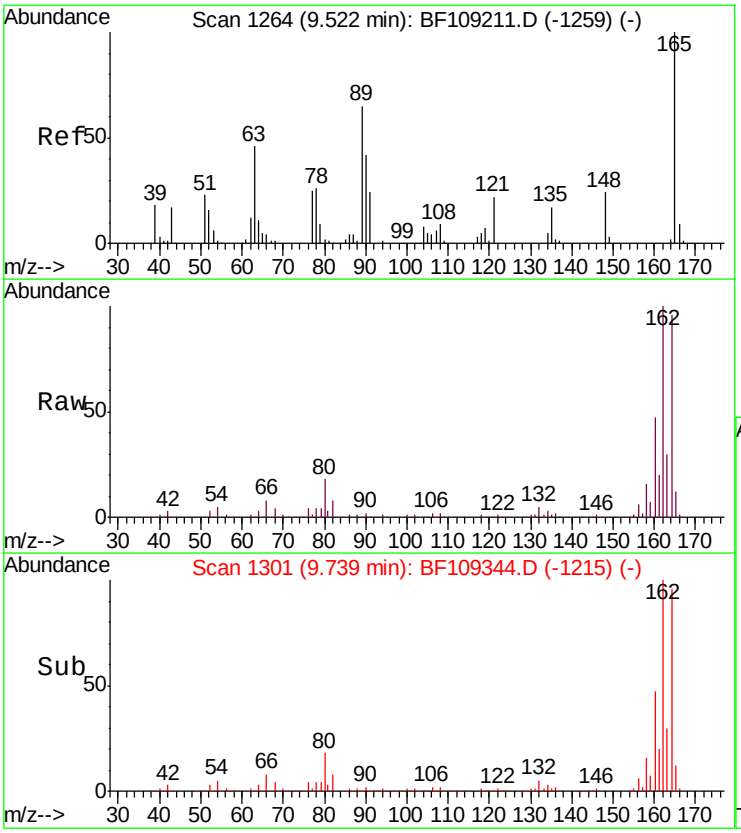
#44
2-Fluorobiphenyl
Concen: 6.982 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109344.D
Acq: 26 Sep 2018 18:37

Instrument :
BNA_F
ClientSampleId :
OK-03-092418RE

Tgt Ion:172 Resp: 101489

Ion	Ratio	Lower	Upper
172	100		
171	33.9	29.7	44.5
170	22.8	19.6	29.4

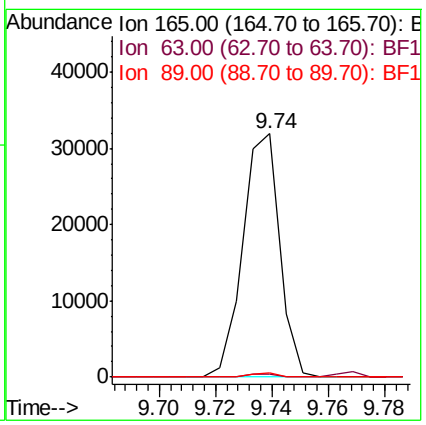


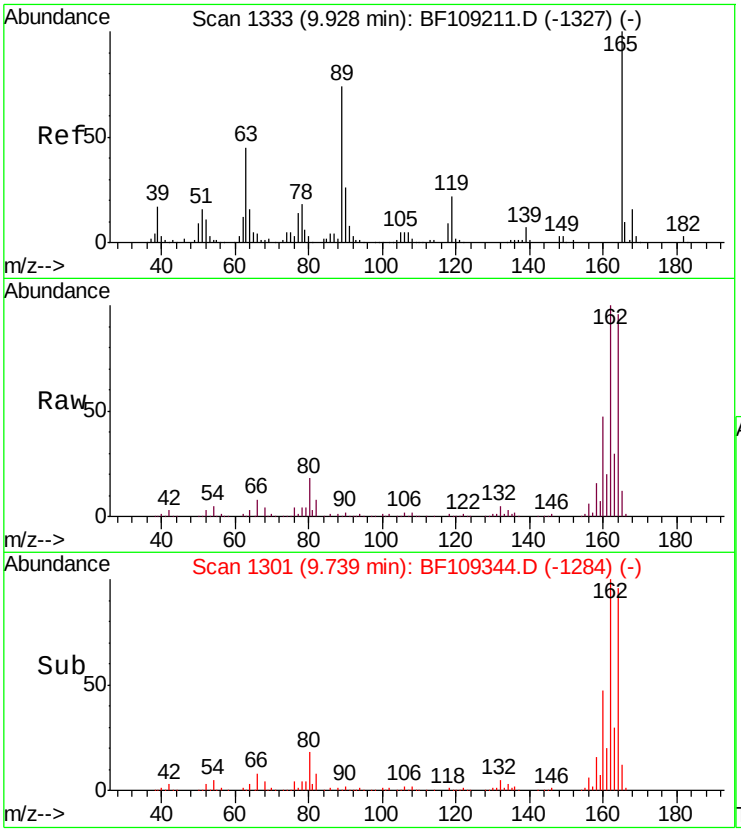


#50
2,6-Dinitrotoluene
Concen: 9.147 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.21 min
Lab File: BF109344.D
Acq: 26 Sep 2018 18:37

Tgt Ion:165 Resp: 28886

Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.6	44.0	66.0#



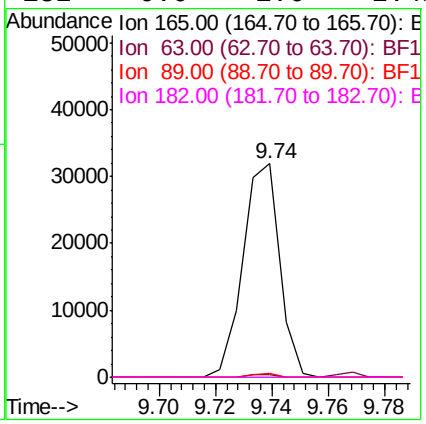


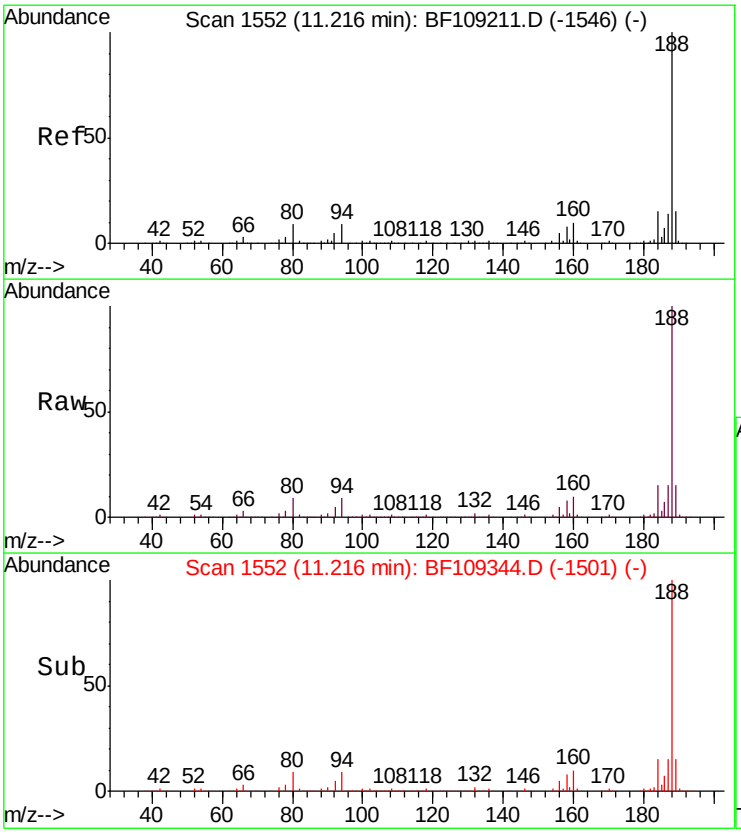
#56
2,4-Dinitrotoluene
Concen: 7.229 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.20 min
Lab File: BF109344.D
Acq: 26 Sep 2018 18:37

Instrument :
BNA_F
ClientSampleId :
OK-03-092418RE

Tgt Ion:165 Resp: 28886

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#

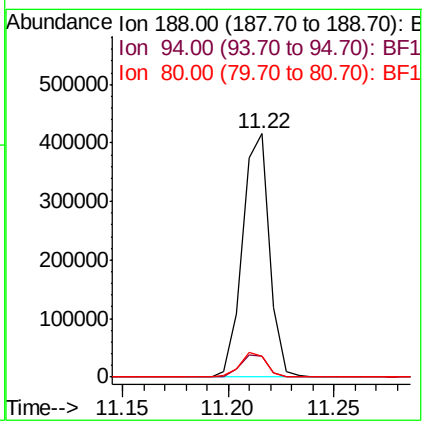


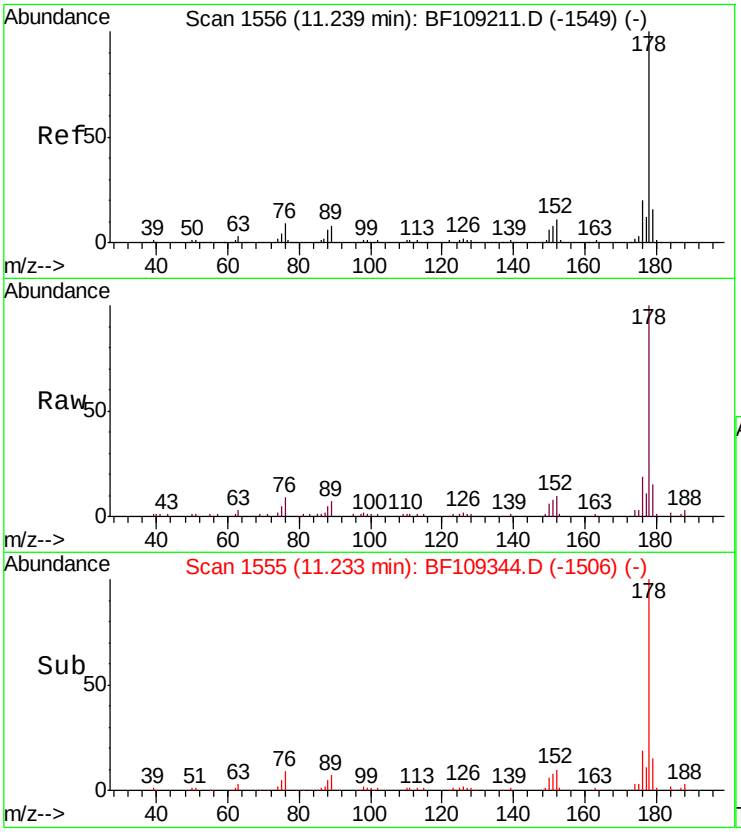


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF109344.D
Acq: 26 Sep 2018 18:37

Tgt Ion:188 Resp: 368635

Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.5	12.7
80	8.8	9.2	13.8#



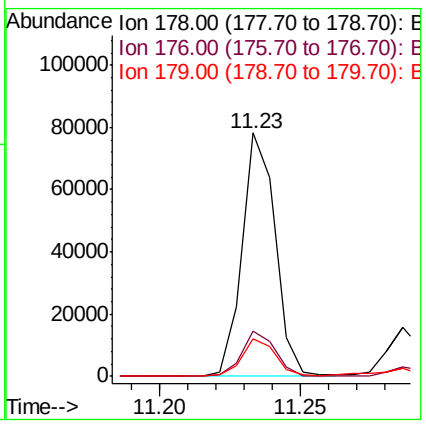


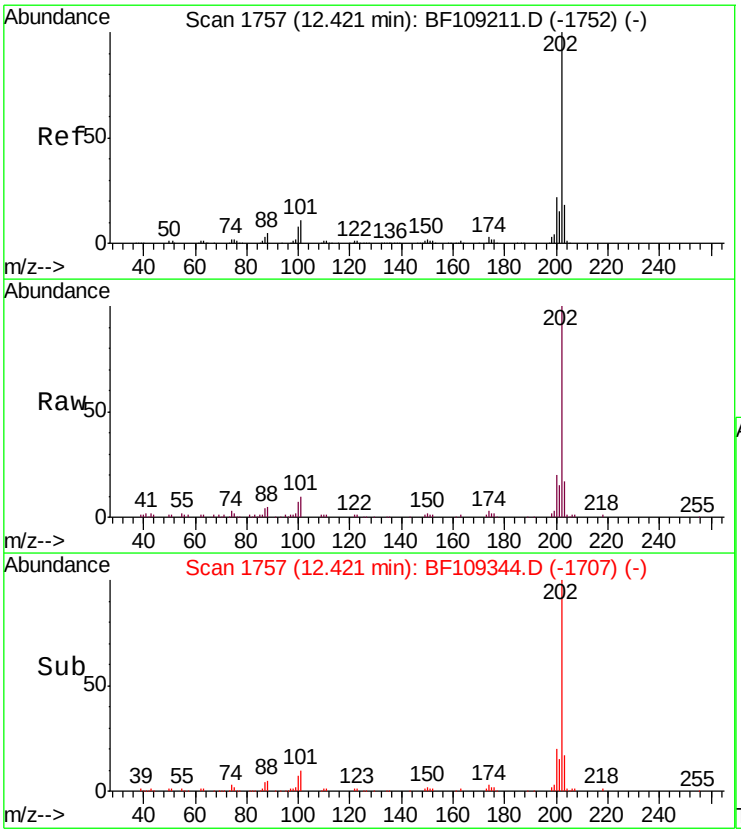
#70
Phenanthrene
Concen: 3.467 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF109344.D
Acq: 26 Sep 2018 18:37

Instrument :
BNA_F
ClientSampleId :
OK-03-092418RE

Tgt Ion:178 Resp: 63809

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.8
179	15.2	13.0	19.6

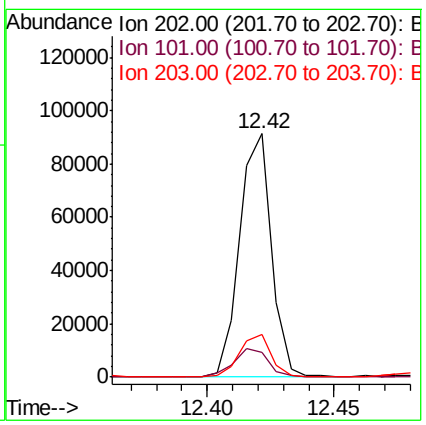


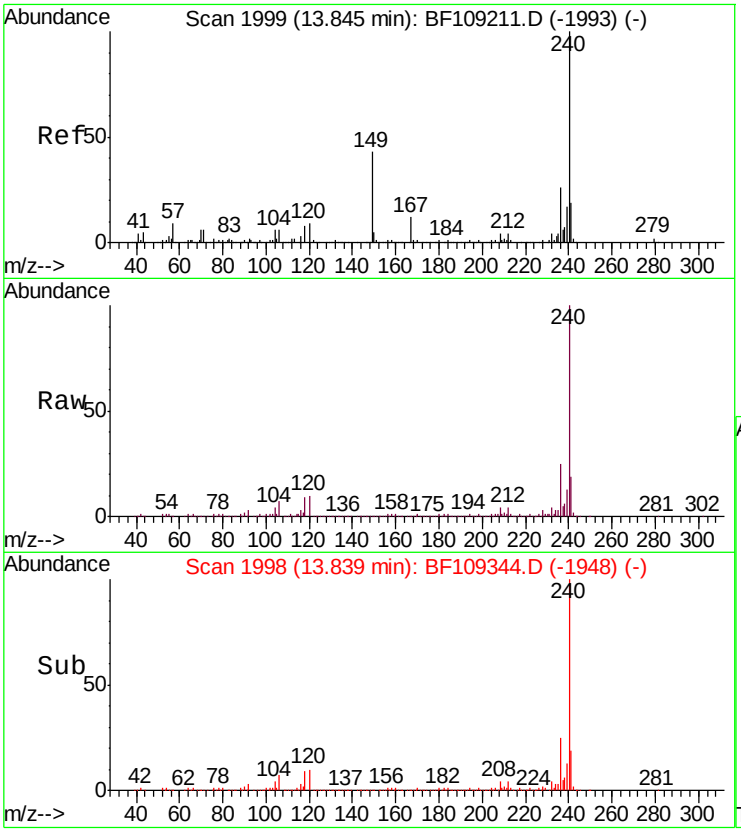


#74
Fluoranthene
Concen: 4.069 ng
RT: 12.42 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BF109344.D
Acq: 26 Sep 2018 18:37

Tgt Ion:202 Resp: 80031

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	34.1
203	17.3	0.0	38.1



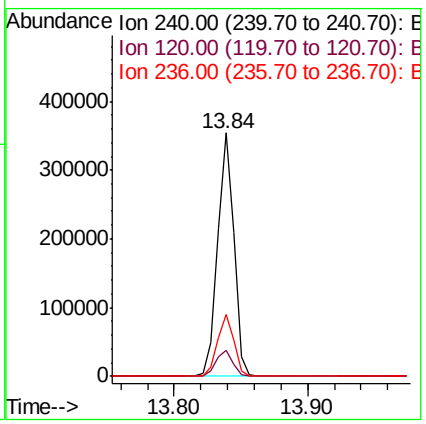


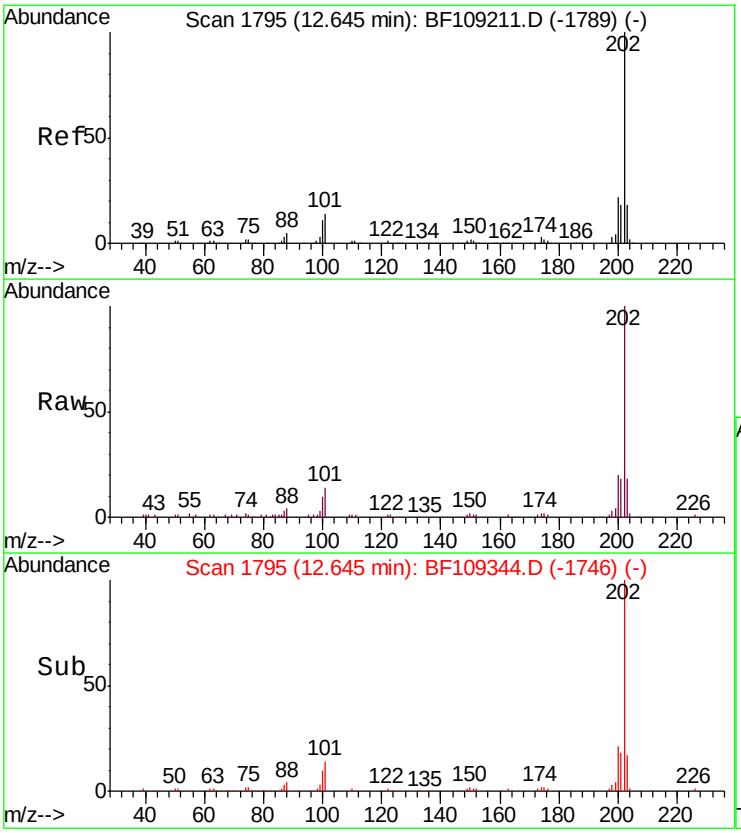
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109344.D
Acq: 26 Sep 2018 18:37

Instrument :
BNA_F
ClientSampleId :
OK-03-092418RE

Tgt Ion:240 Resp: 306347

Ion	Ratio	Lower	Upper
240	100		
120	10.5	9.5	14.3
236	25.4	20.7	31.1

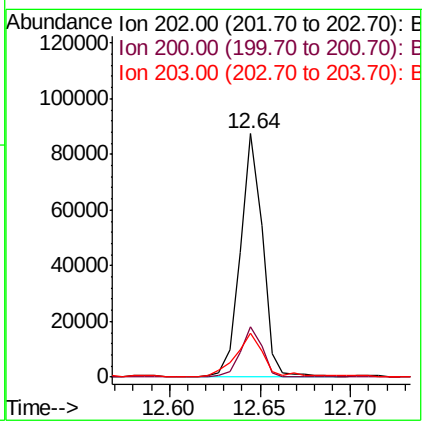


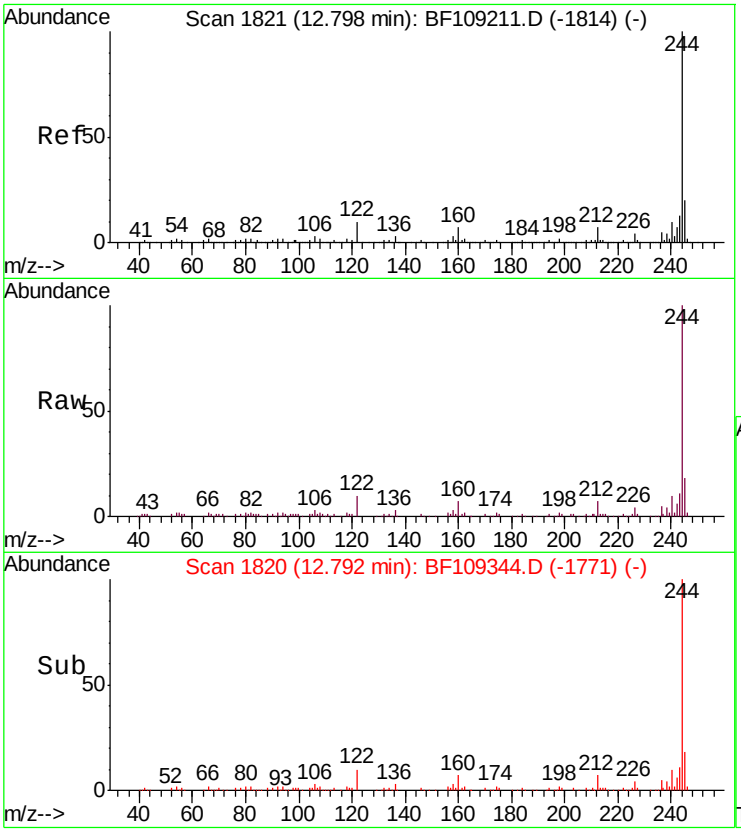


#77
Pyrene
Concen: 3.392 ng
RT: 12.64 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BF109344.D
Acq: 26 Sep 2018 18:37

Tgt Ion:202 Resp: 74466

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.4	26.2
203	17.8	14.3	21.5



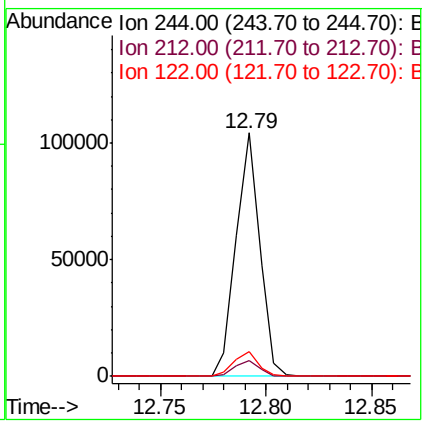


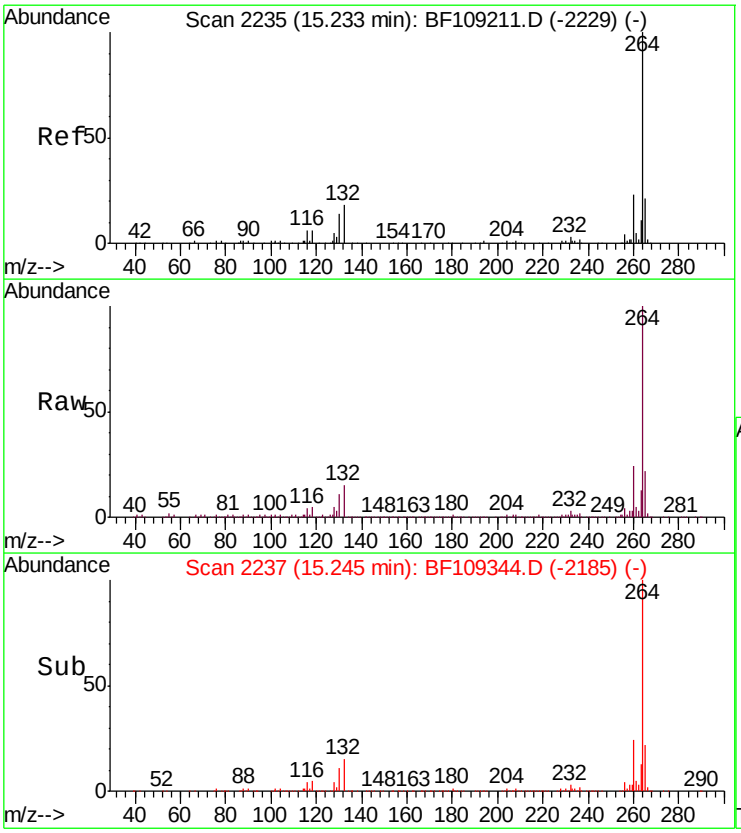
#78
Terphenyl-d14
Concen: 6.468 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF109344.D
Acq: 26 Sep 2018 18:37

Instrument :
BNA_F
ClientSampleId :
OK-03-092418RE

Tgt Ion:244 Resp: 80742

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	10.3	11.0	16.4#

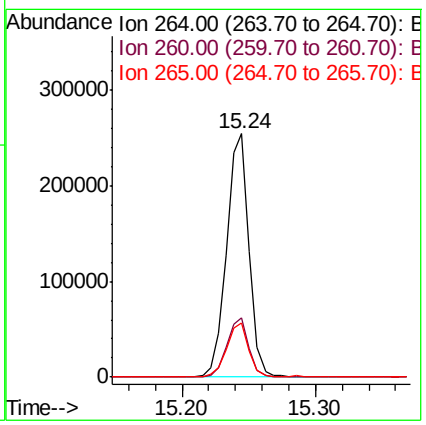


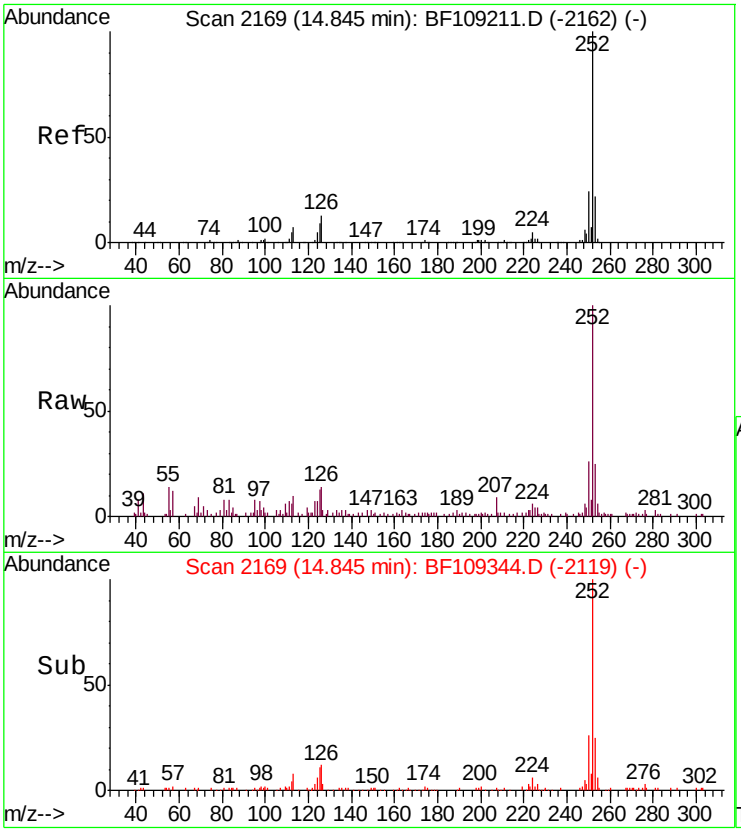


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF109344.D
Acq: 26 Sep 2018 18:37

Tgt Ion:264 Resp: 300019

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.1	17.5	26.3



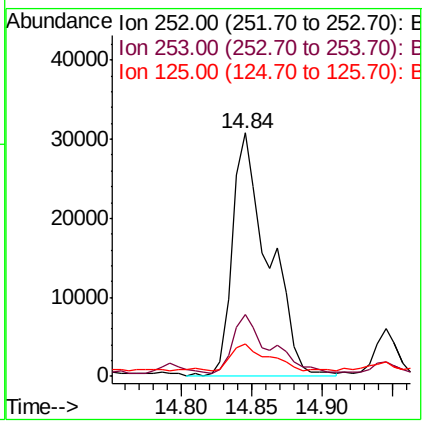


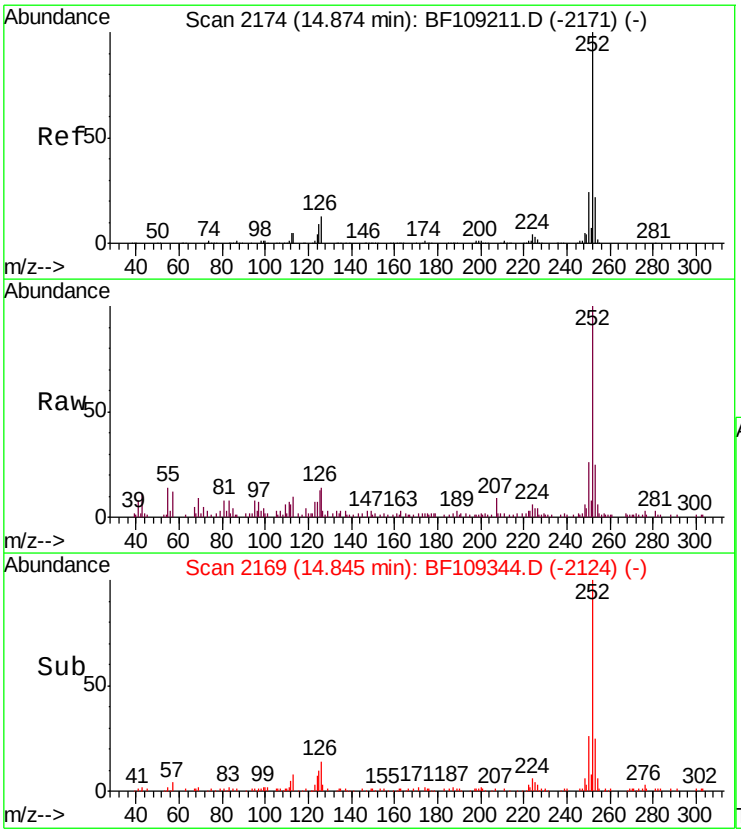
#87
Benzo(b)fluoranthene
Concen: 3.335 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF109344.D
Acq: 26 Sep 2018 18:37

Instrument :
BNA_F
ClientSampleId :
OK-03-092418RE

Tgt Ion:252 Resp: 54987

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.0	25.6
125	13.2	9.0	13.6





#88
Benzo(k)fluoranthene
Concen: 3.515 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.04 min
Lab File: BF109344.D
Acq: 26 Sep 2018 18:37

Tgt Ion:252 Resp: 54987

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.9	26.9
125	13.2	10.2	15.2