Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090418\
Data File : BF108769.D
Acq On : 5 Sep 2018 6:29
Operator : JU/SJ
Sample : J4741-06 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 05 08:04:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 30 15:06:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	43035	20.00	ng		-0.01
21) Naphthalene-d8	8.28	136	215324	20.00	ng		0.00
38) Acenaphthene-d10	10.03	164	109731	20.00	ng		-0.02
63) Phenanthrene-d10	11.53	188	245033	20.00	ng		-0.02
75) Chrysene-d12	14.19	240	210291	20.00	ng		-0.01
86) Perylene-d12	15.74	264	154030	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.73	112	120	0.05	ng		0.08
7) Phenol-d6	6.75	99	5382	1.52	ng		0.10
23) Nitrobenzene-d5	7.64	82	3947	0.93	ng		0.07
41) 2,4,6-Tribromophenol	10.84	330	6576	4.54	ng		-0.01
44) 2-Fluorobiphenyl	9.35	172	34980	4.29	ng		-0.01
78) Terphenyl-d14	13.11	244	55283	5.11	ng		-0.02
Target Compounds							Qvalue
50) 2,6-Dinitrotoluene	10.03	165	13386	7.028	ng	#	24
56) 2,4-Dinitrotoluene	10.03	165	13772	5.461	ng	#	21
74) Fluoranthene	12.75	202	33066	2.375	ng		96
87) Benzo(b)fluoranthene	15.28	252	29439	3.111	ng	#	77
88) Benzo(k)fluoranthene	15.28	252	29439	3.141	ng	#	81

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

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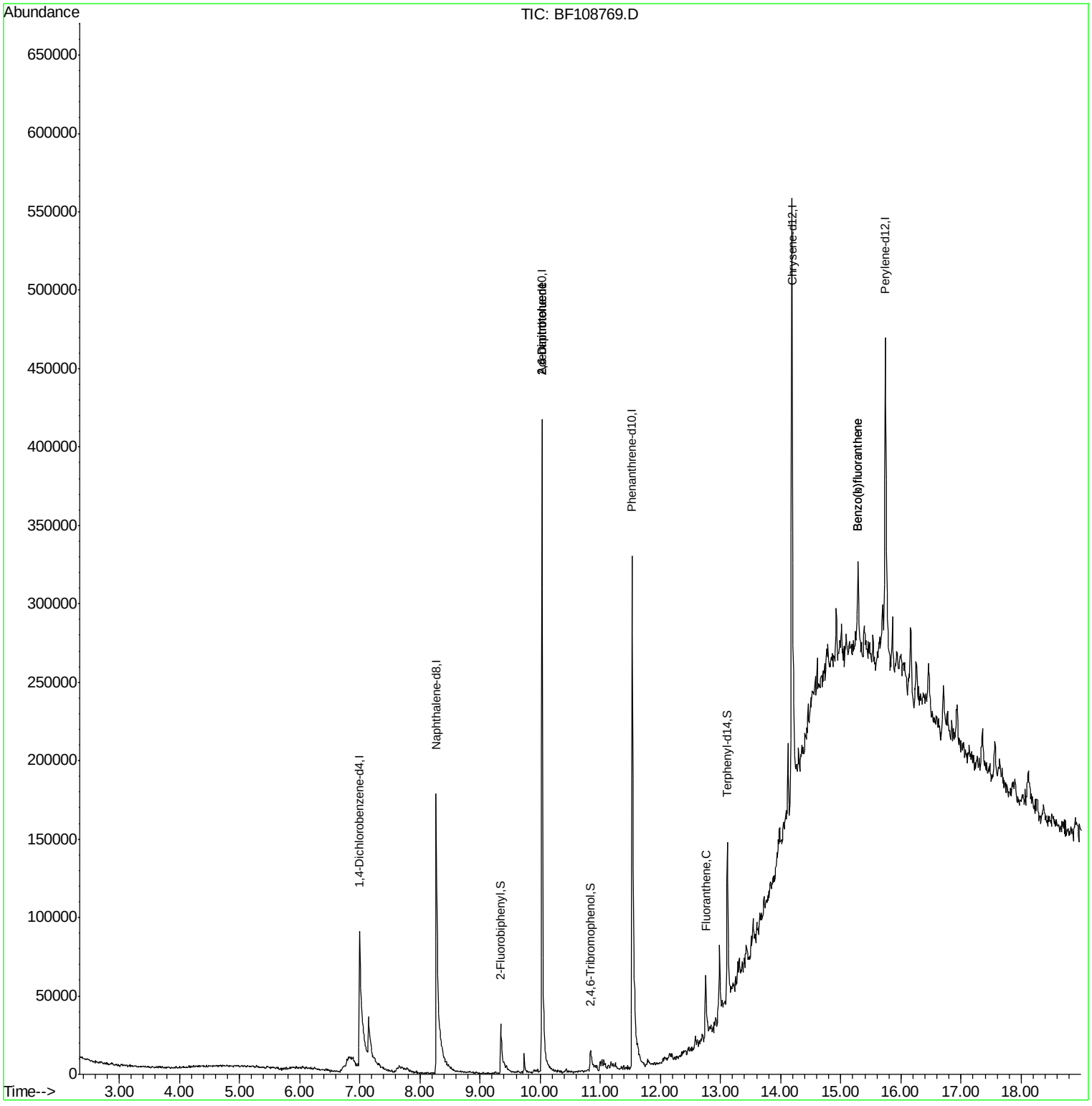
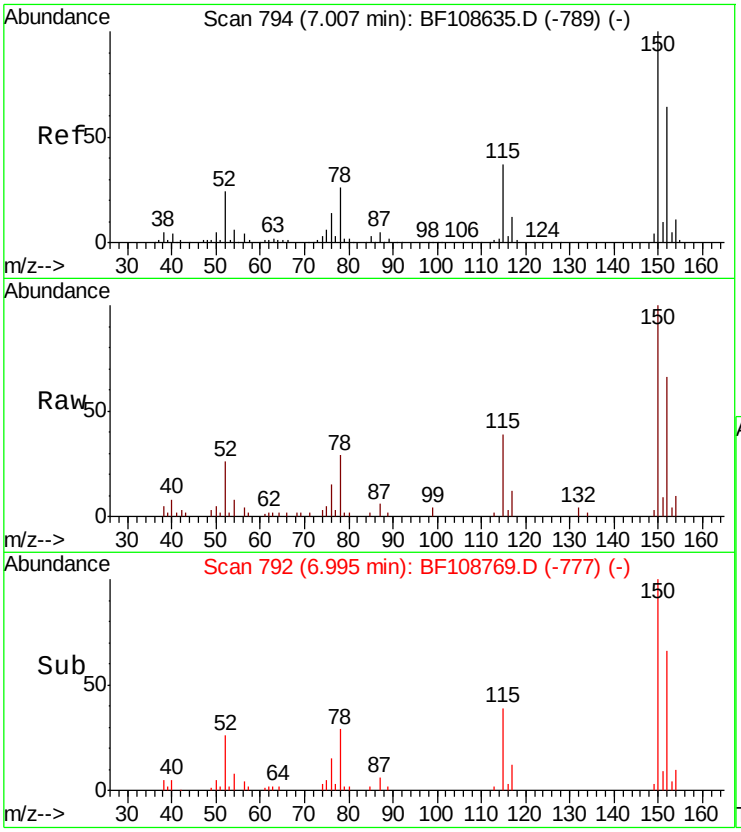


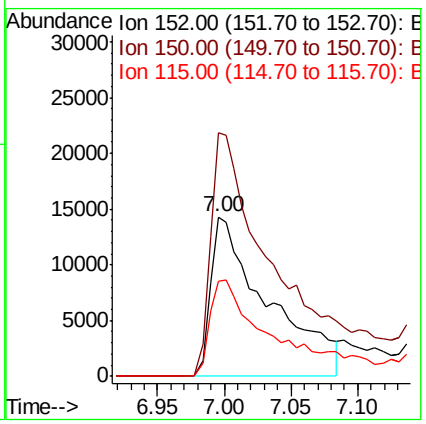


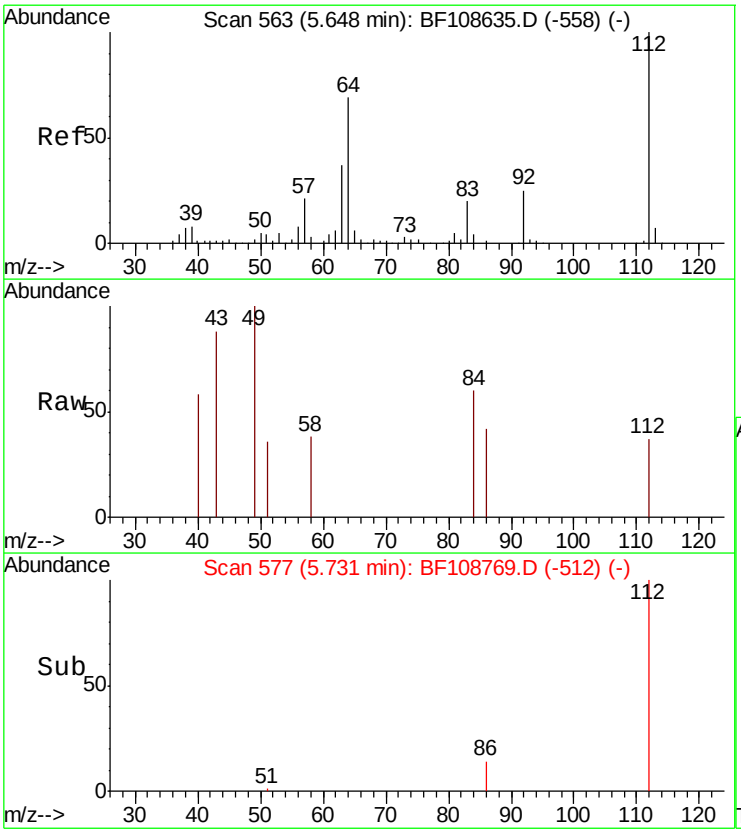
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF108769.D
Acq: 5 Sep 2018 6:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 43035

Ion	Ratio	Lower	Upper
152	100		
150	152.6	124.6	186.8
115	59.9	50.1	75.1

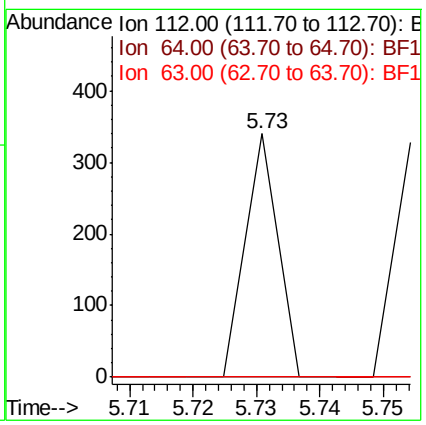


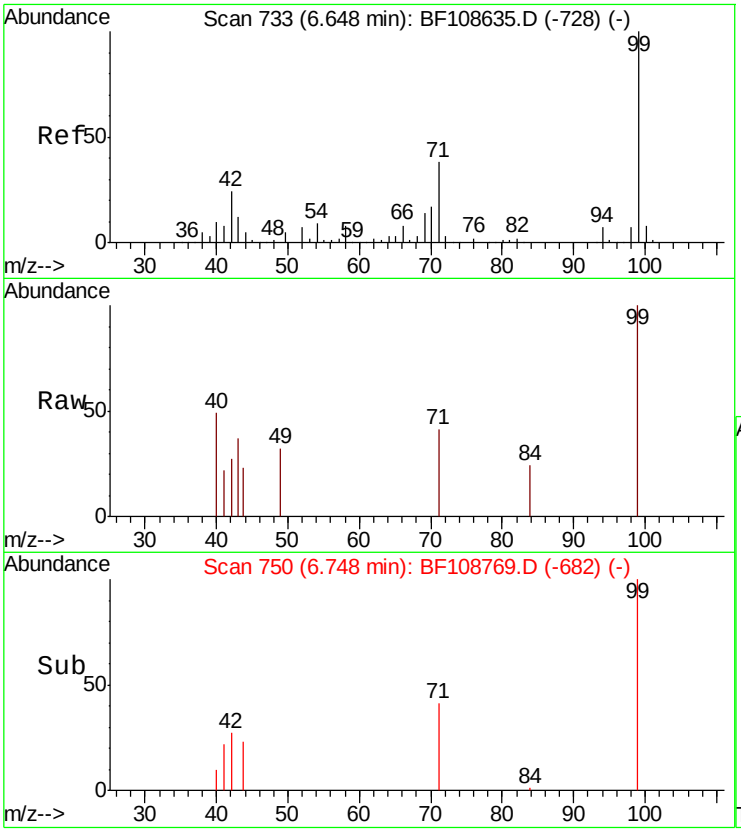


#5
2-Fluorophenol
Concen: 0.048 ng
RT: 5.73 min Scan# 577
Delta R.T. 0.08 min
Lab File: BF108769.D
Acq: 5 Sep 2018 6:29

Tgt Ion:112 Resp: 120

Ion	Ratio	Lower	Upper
112	100		
64	0.0	47.9	71.9#
63	0.0	23.7	35.5#



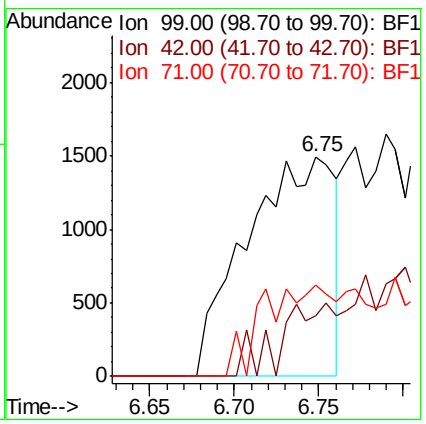


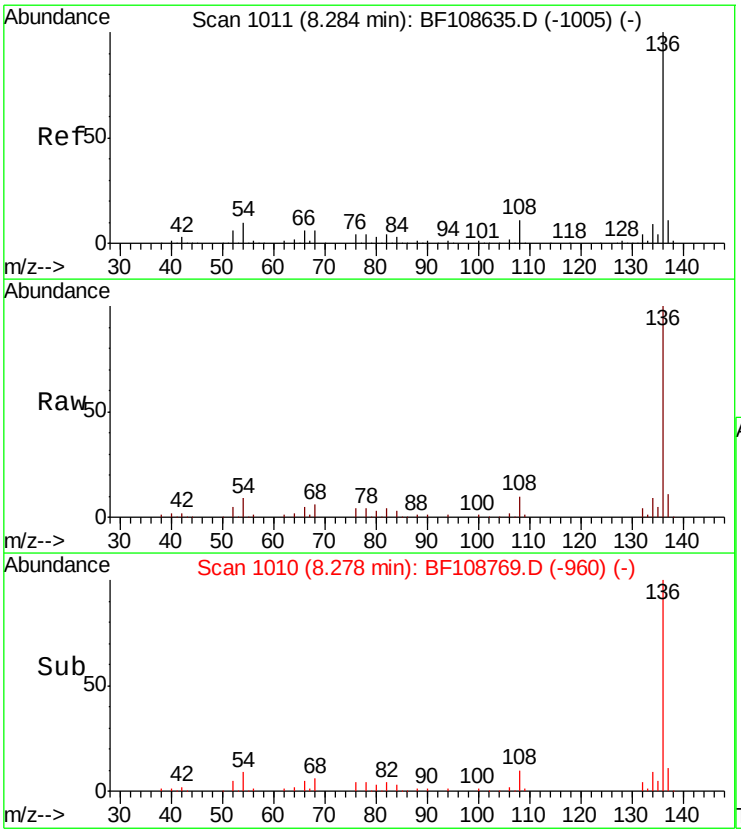
#7
Phenol-d6
Concen: 1.517 ng
RT: 6.75 min Scan# 750
Delta R.T. 0.10 min
Lab File: BF108769.D
Acq: 5 Sep 2018 6:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 5382

Ion	Ratio	Lower	Upper
99	100		
42	27.3	14.5	21.7#
71	41.3	25.4	38.0#

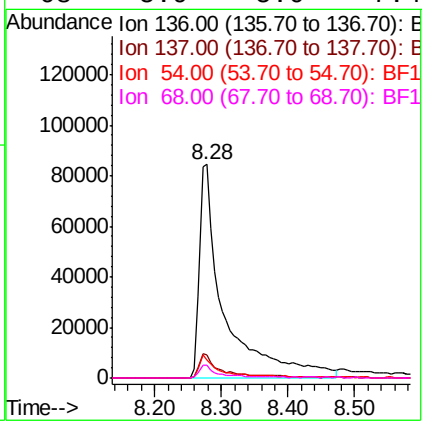


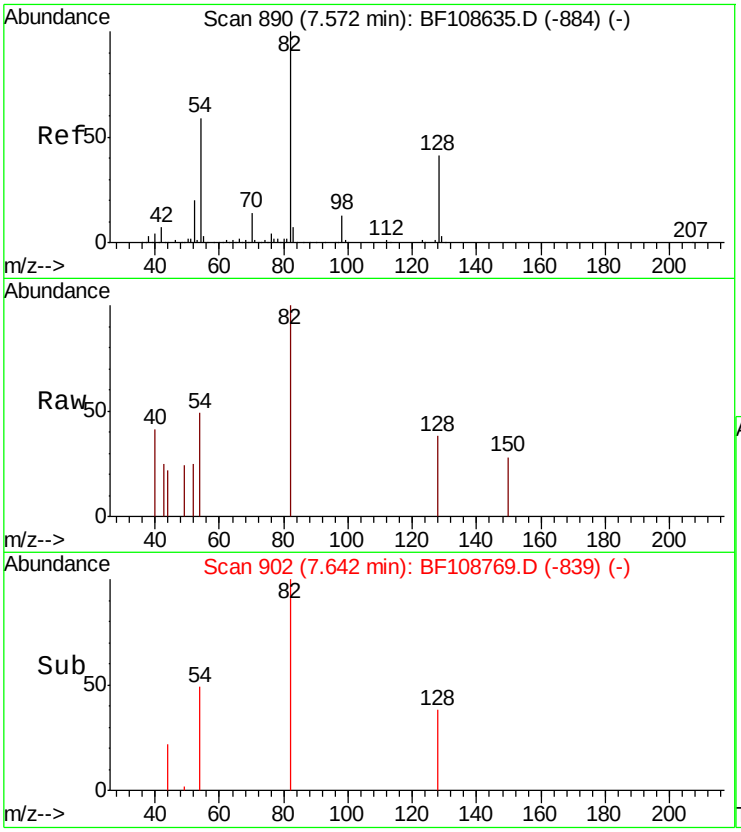


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF108769.D
Acq: 5 Sep 2018 6:29

Tgt Ion:136 Resp: 215324

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	8.7	6.6	9.8
68	5.9	5.0	7.4



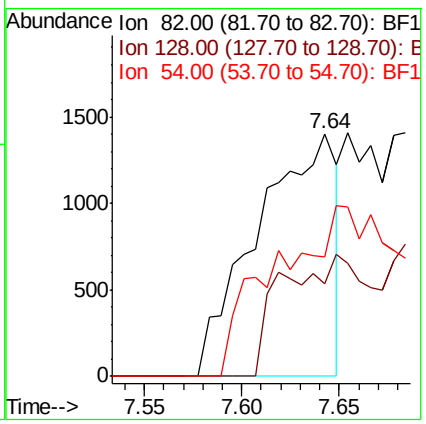


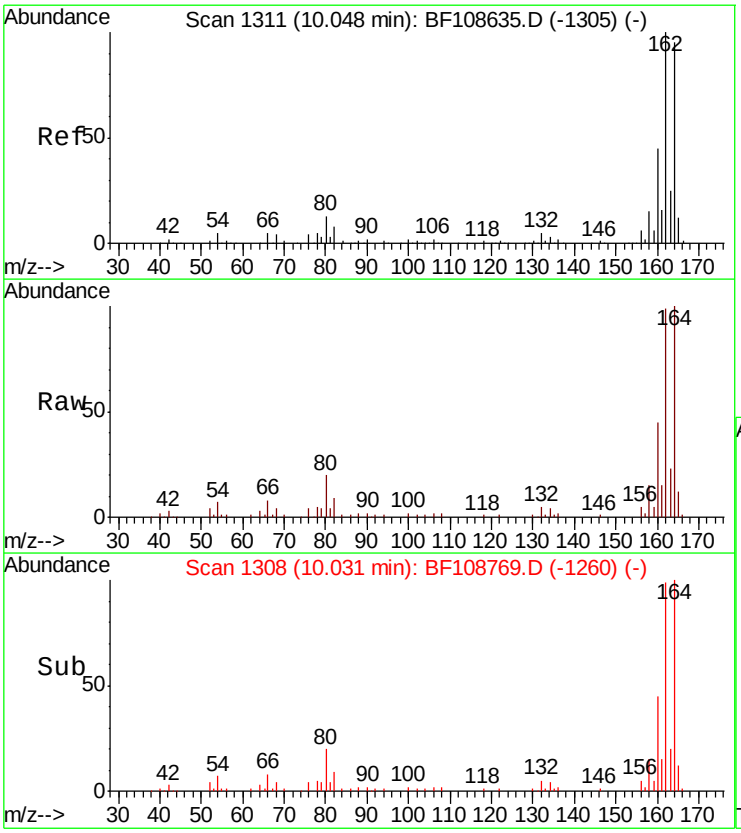
#23
Nitrobenzene-d5
Concen: 0.930 ng
RT: 7.64 min Scan# 902
Delta R.T. 0.07 min
Lab File: BF108769.D
Acq: 5 Sep 2018 6:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 3947

Ion	Ratio	Lower	Upper
82	100		
128	38.4	36.1	54.1
54	49.2	41.4	62.2

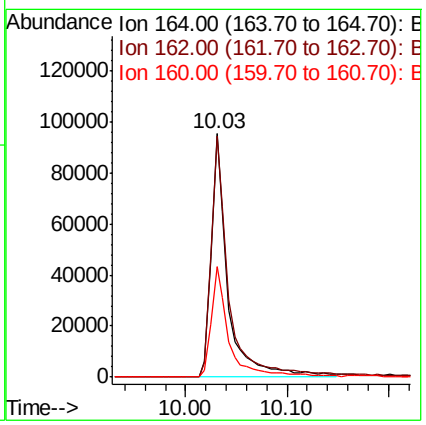


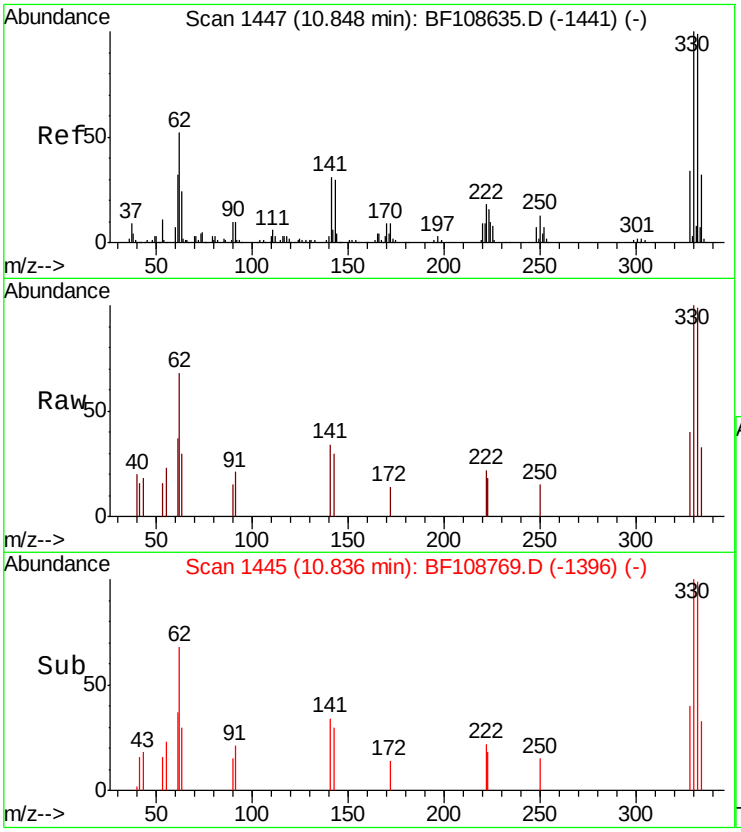


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.03 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BF108769.D
Acq: 5 Sep 2018 6:29

Tgt Ion:164 Resp: 109731

Ion	Ratio	Lower	Upper
164	100		
162	99.2	86.1	129.1
160	45.3	38.3	57.5



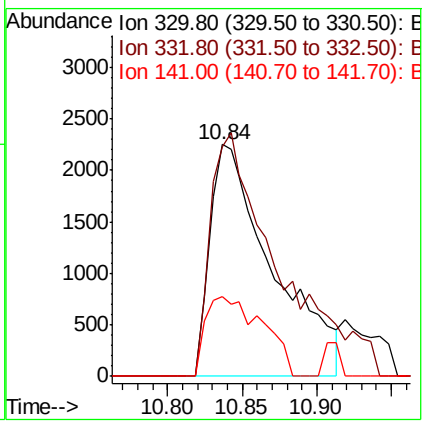


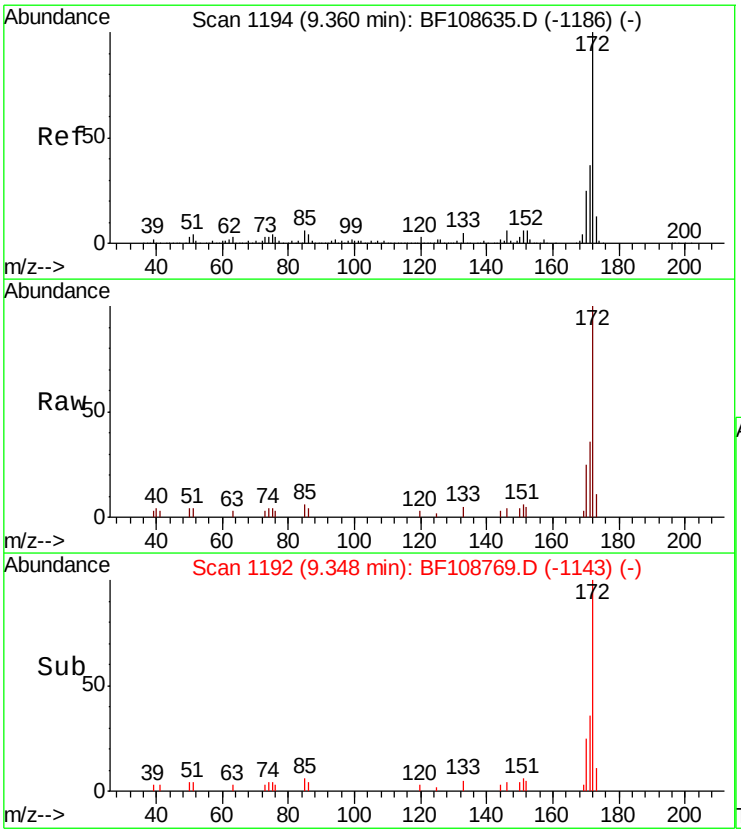
#41
2,4,6-Tribromophenol
Concen: 4.540 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF108769.D
Acq: 5 Sep 2018 6:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 6576

Ion	Ratio	Lower	Upper
330	100		
332	114.3	77.0	115.6
141	31.1	29.9	44.9

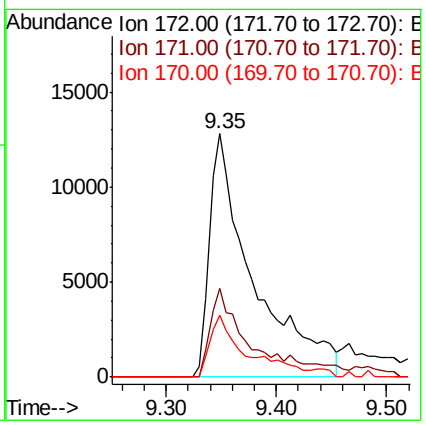


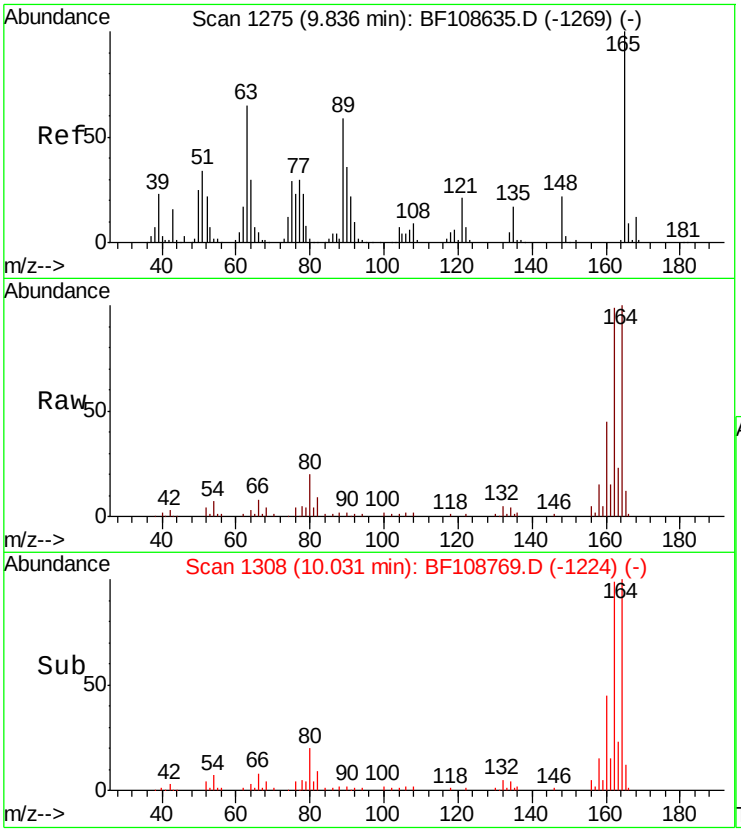


#44
2-Fluorobiphenyl
Concen: 4.286 ng
RT: 9.35 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BF108769.D
Acq: 5 Sep 2018 6:29

Tgt Ion:172 Resp: 34980

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	25.4	19.6	29.4



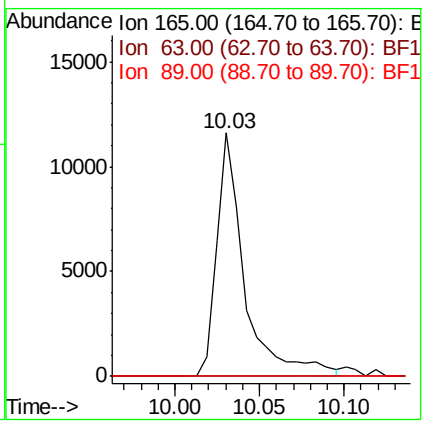


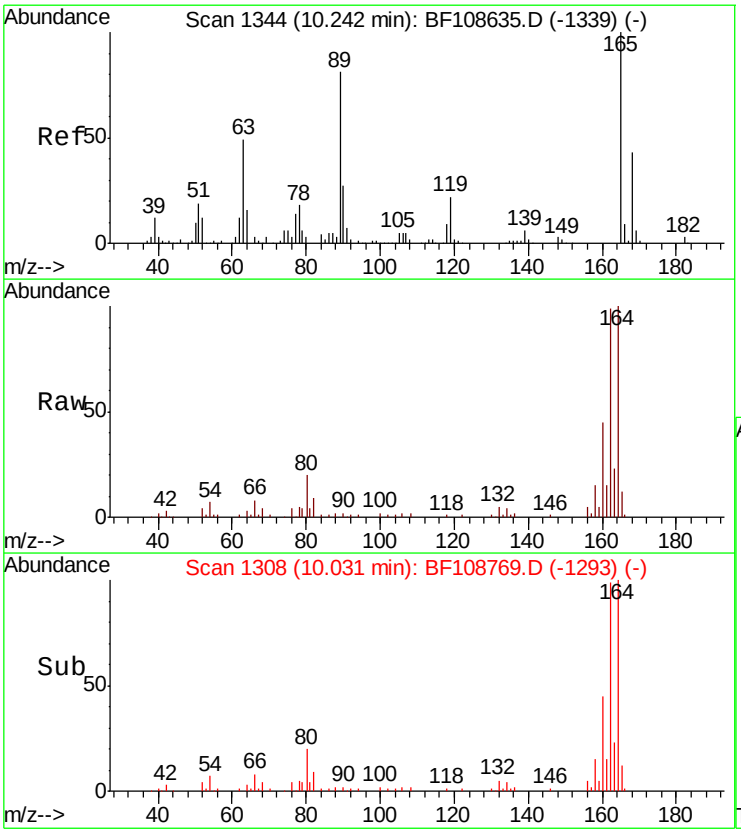
#50
2,6-Dinitrotoluene
Concen: 7.028 ng
RT: 10.03 min Scan# 1308
Delta R.T. 0.19 min
Lab File: BF108769.D
Acq: 5 Sep 2018 6:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 13386

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#

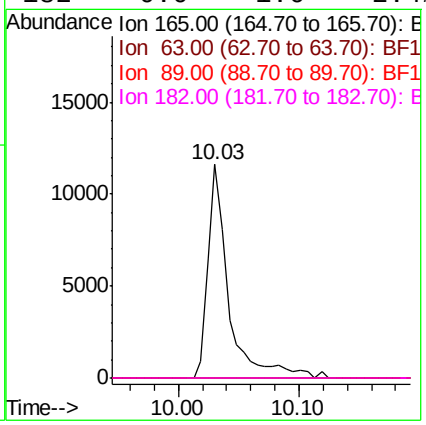


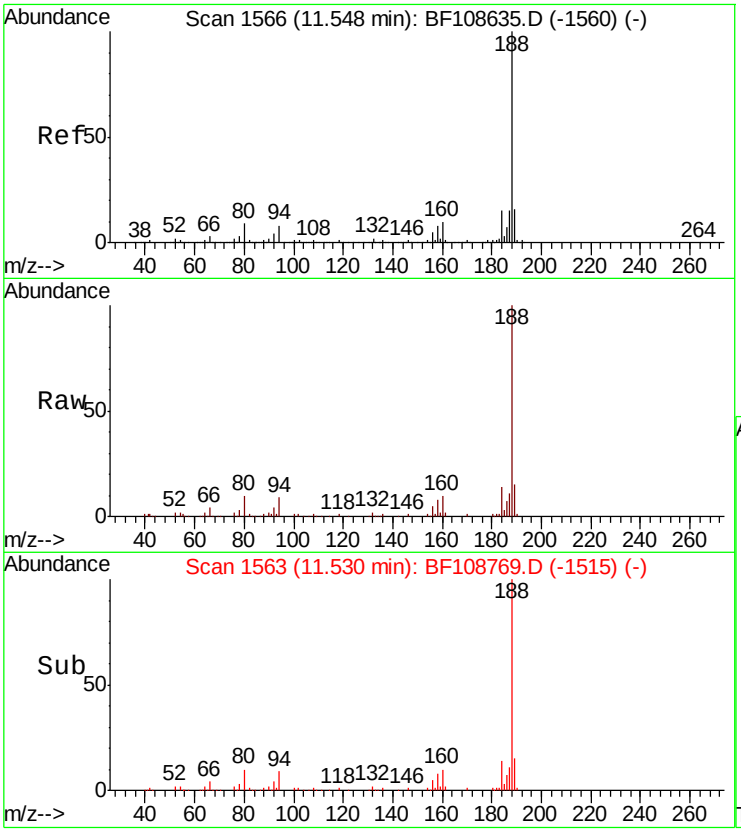


#56
2,4-Dinitrotoluene
Concen: 5.461 ng
RT: 10.03 min Scan# 1308
Delta R.T. -0.21 min
Lab File: BF108769.D
Acq: 5 Sep 2018 6:29

Tgt Ion:165 Resp: 13772

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



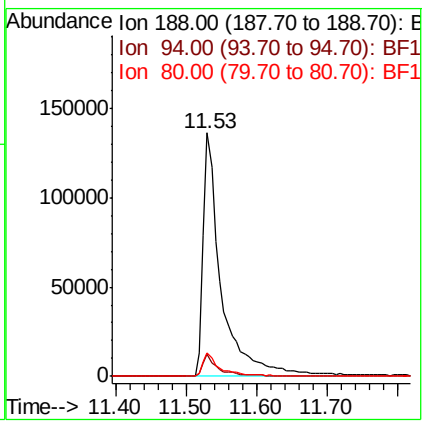


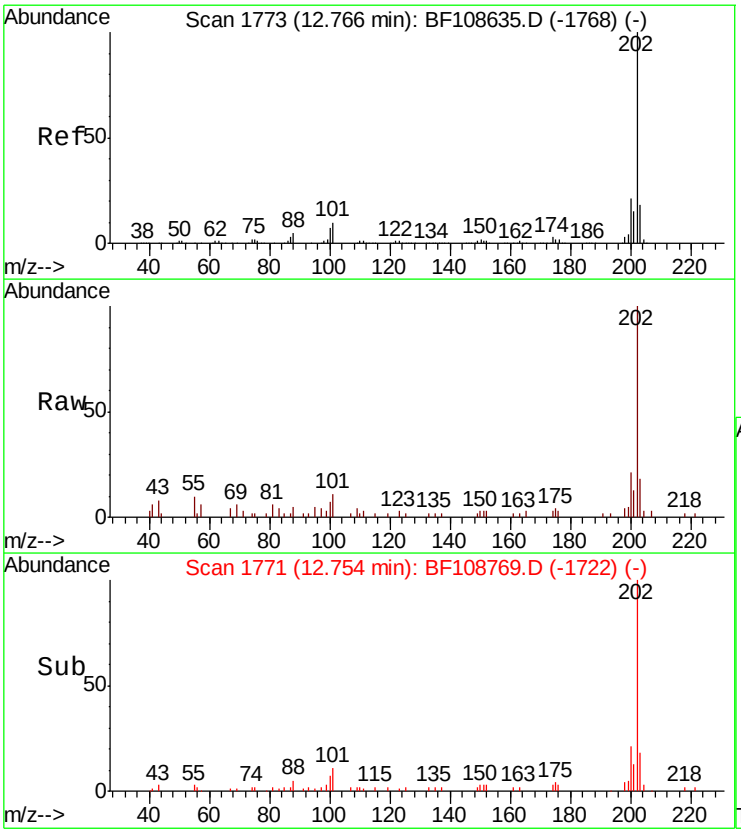
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.53 min Scan# 1563
Delta R.T. -0.02 min
Lab File: BF108769.D
Acq: 5 Sep 2018 6:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 245033

Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	9.7	9.2	13.8

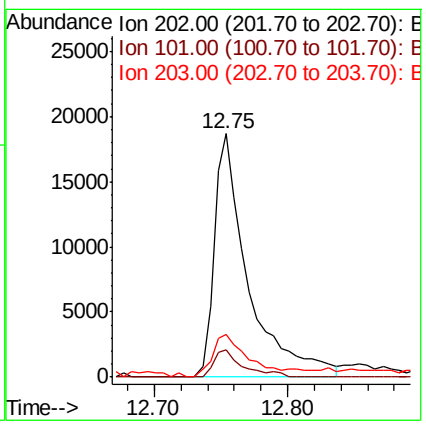


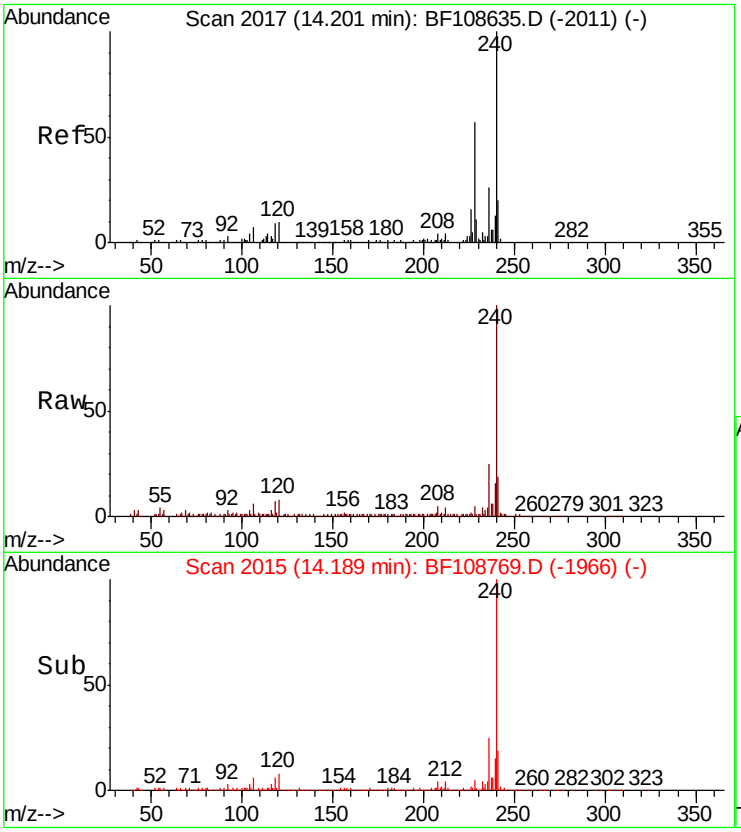


#74
Fluoranthene
Concen: 2.375 ng
RT: 12.75 min Scan# 1771
Delta R.T. -0.01 min
Lab File: BF108769.D
Acq: 5 Sep 2018 6:29

Tgt Ion:202 Resp: 33066

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	34.1
203	17.7	0.0	38.1



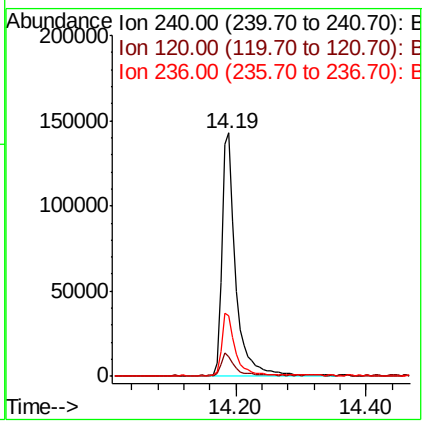


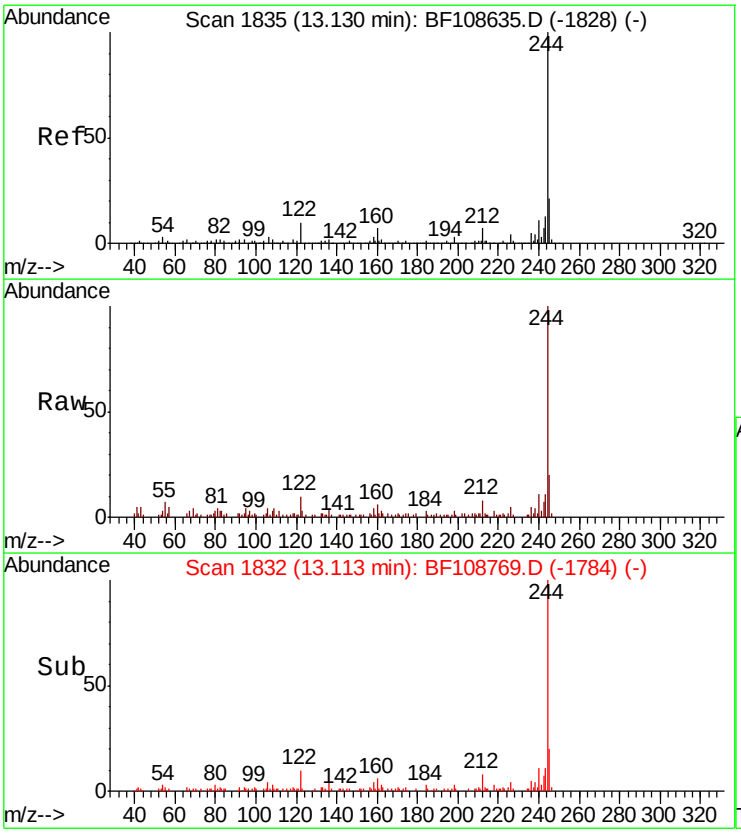
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF108769.D
Acq: 5 Sep 2018 6:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 210291

Ion	Ratio	Lower	Upper
240	100		
120	8.2	9.5	14.3#
236	25.1	20.7	31.1

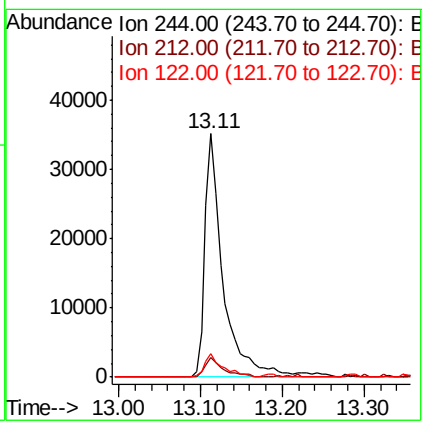


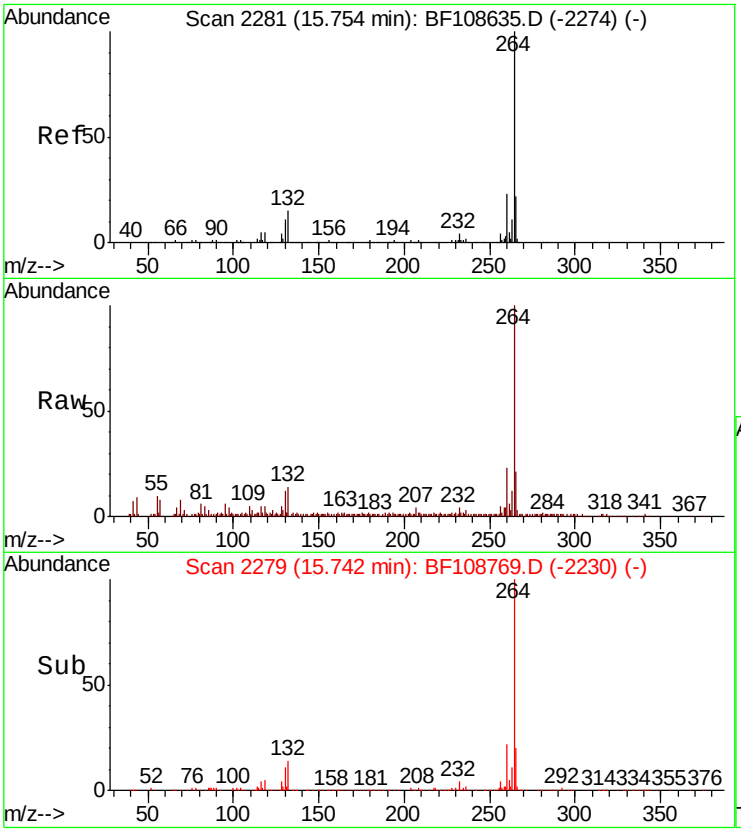


#78
Terphenyl-d14
Concen: 5.108 ng
RT: 13.11 min Scan# 1832
Delta R.T. -0.02 min
Lab File: BF108769.D
Acq: 5 Sep 2018 6:29

Tgt Ion:244 Resp: 55283

Ion	Ratio	Lower	Upper
244	100		
212	8.3	5.4	8.0#
122	9.9	11.0	16.4#



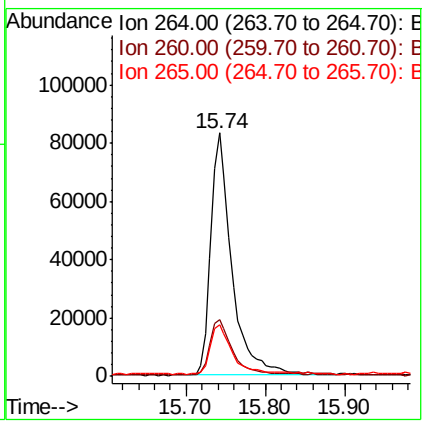


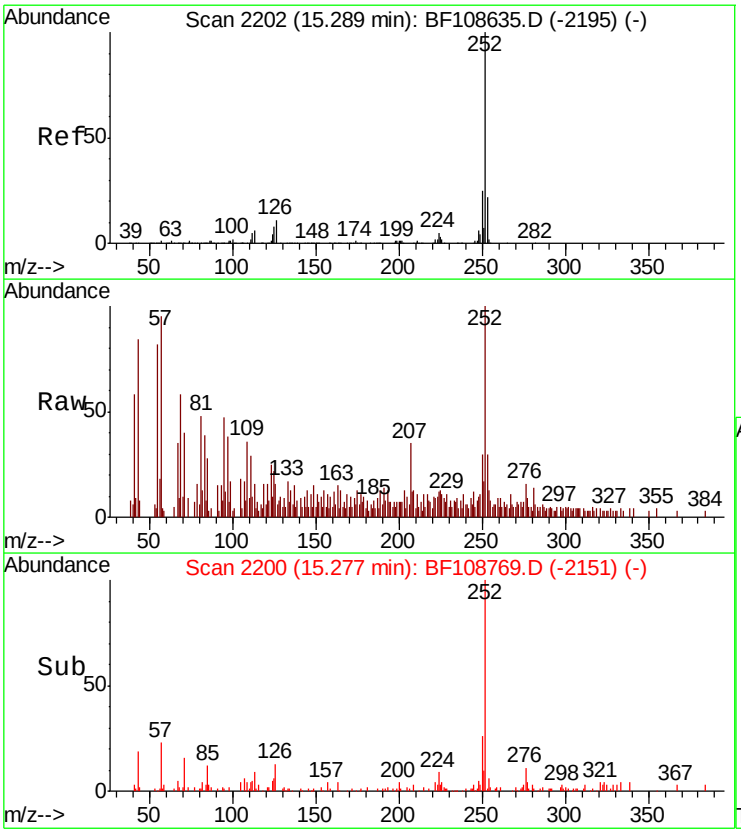
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.74 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF108769.D
Acq: 5 Sep 2018 6:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 154030

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.1	17.5	26.3

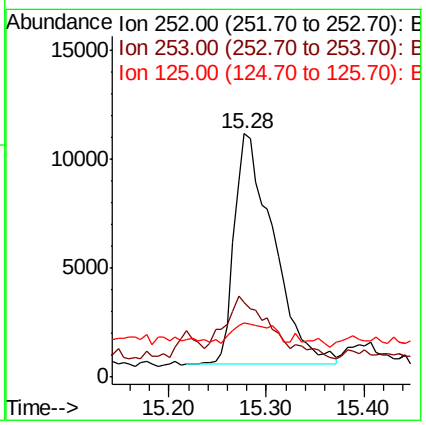


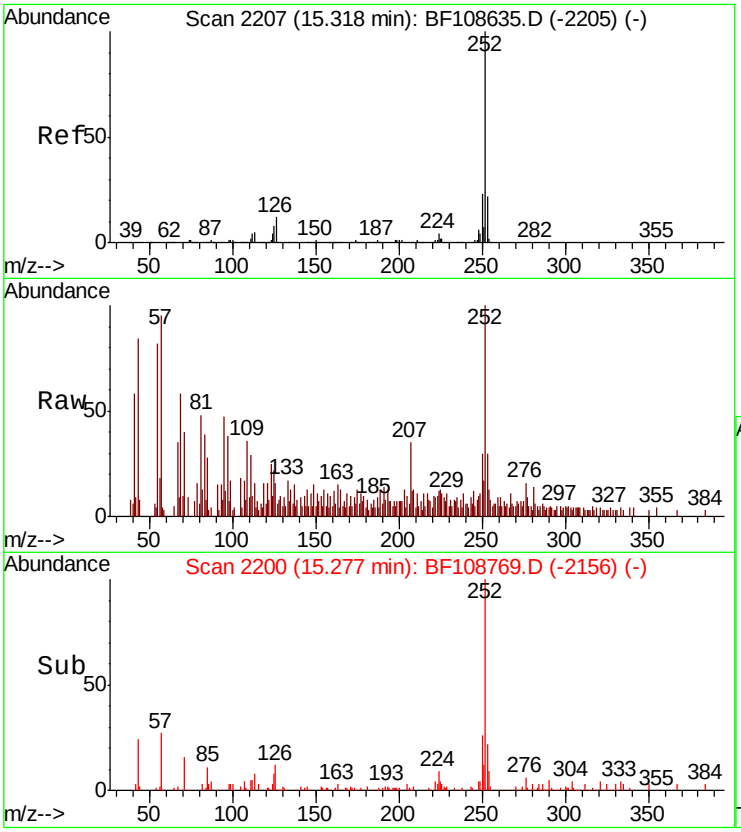


#87
Benzo(b)fluoranthene
Concen: 3.111 ng
RT: 15.28 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF108769.D
Acq: 5 Sep 2018 6:29

Tgt Ion:252 Resp: 29439

Ion	Ratio	Lower	Upper
252	100		
253	30.4	17.0	25.6#
125	22.3	9.0	13.6#





#88
Benzo(k)fluoranthene
Concen: 3.141 ng
RT: 15.28 min Scan# 2200
Delta R.T. -0.04 min
Lab File: BF108769.D
Acq: 5 Sep 2018 6:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 29439

Ion	Ratio	Lower	Upper
252	100		
253	30.4	17.9	26.9#
125	22.3	10.2	15.2#