Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
Data File : BF109306.D
Acq On : 26 Sep 2018 00:20
Operator : JU/SJ
Sample : J5044-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 26 02:29:48 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	6.71	152	114580	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	426518	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	181953	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	295869	20.00	ng		0.00
75) Chrysene-d12	13.84	240	266805	20.00	ng		0.00
86) Perylene-d12	15.24	264	196409	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	483414	69.49	ng		0.00
7) Phenol-d6	6.35	99	618109	69.63	ng		-0.01
23) Nitrobenzene-d5	7.27	82	378597	52.40	ng		-0.01
41) 2,4,6-Tribromophenol	10.52	330	115757	64.54	ng		-0.01
44) 2-Fluorobiphenyl	9.06	172	633609	52.52	ng		-0.01
78) Terphenyl-d14	12.80	244	512300	47.12	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.36	94	27199	2.706	ng		98
19) n-Nitroso-di-n-propylamine	7.27	70	49403	8.493	ng	#	76
25) Isophorone	7.27	82	319212	24.534	ng	#	64
49) Dimethylphthalate	9.46	163	182775	13.811	ng		99
56) 2,4-Dinitrotoluene	9.74	165	22961	6.924	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.52	198	106	6.597	ng	#	1
66) 4-Bromophenyl-phenylether	10.52	248	6945	2.114	ng	#	1
70) Phenanthrene	11.24	178	35246	2.386	ng		96
74) Fluoranthene	12.42	202	50482	3.198	ng		96
77) Pyrene	12.65	202	44941	2.350	ng		97
87) Benzo(b)fluoranthene	14.85	252	33532	3.107	ng	#	92
88) Benzo(k)fluoranthene	14.85	252	33532	3.274	ng		95

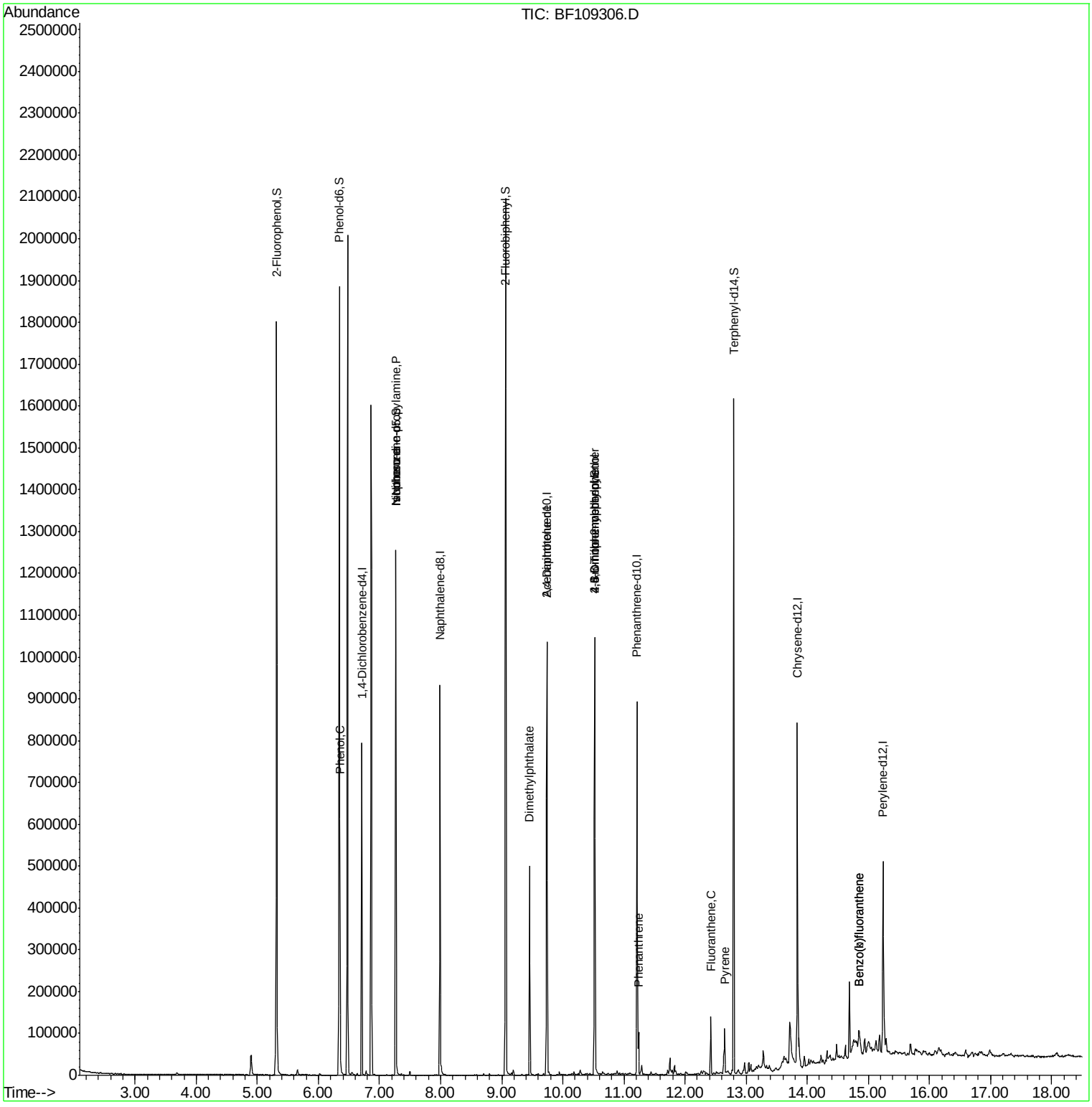
(#) = qualifier out of range (m) = manual integration (+) = signals summed

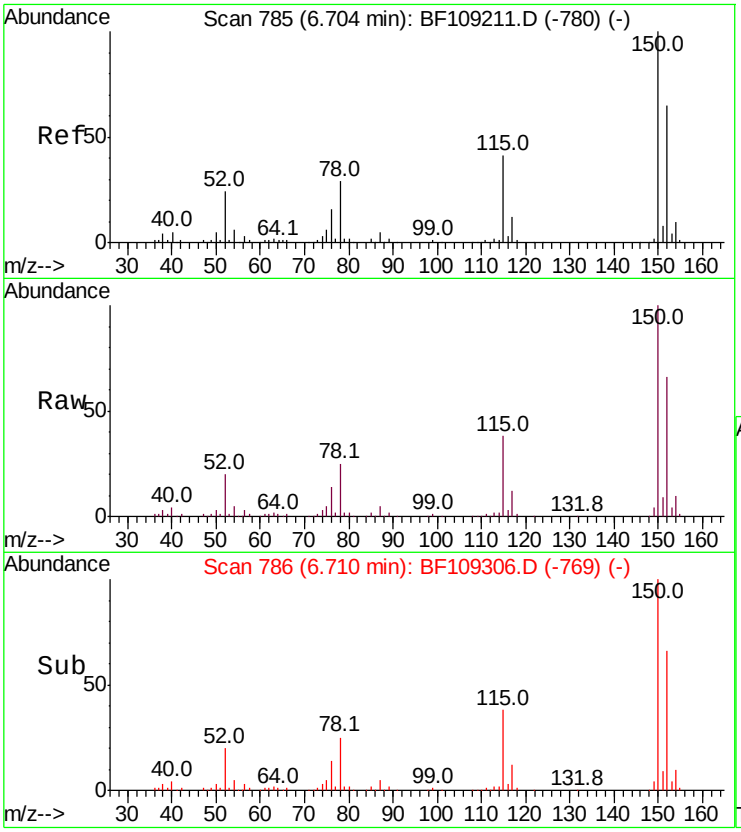
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
Data File : BF109306.D
Acq On : 26 Sep 2018 00:20
Operator : JU/SJ
Sample : J5044-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 26 02:29:48 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



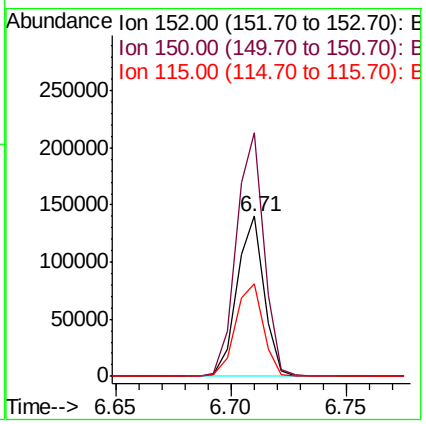


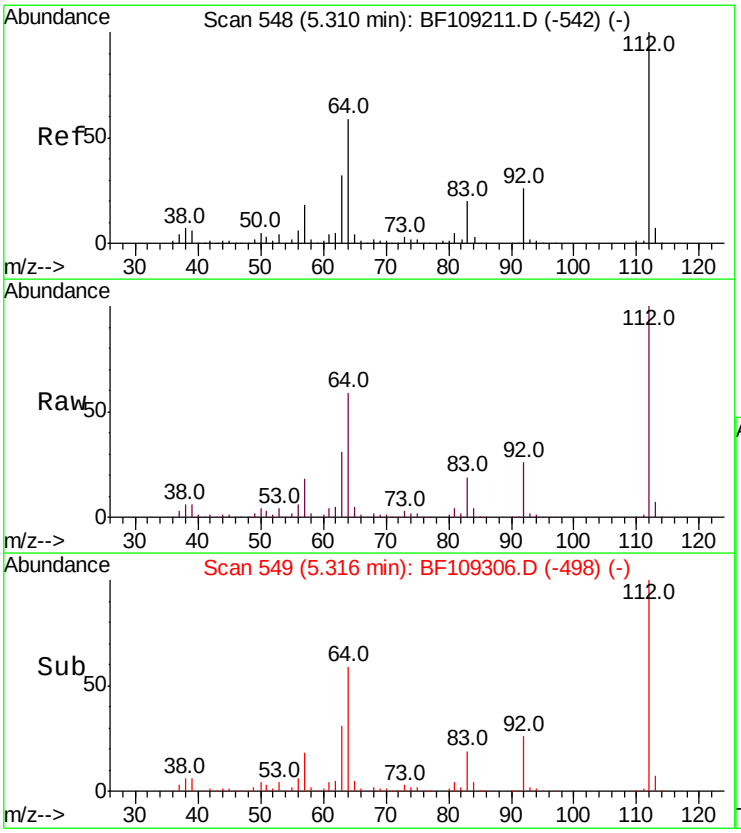
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF109306.D
Acq: 26 Sep 2018 00:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 114580

Ion	Ratio	Lower	Upper
152	100		
150	152.0	124.6	186.8
115	57.9	50.1	75.1

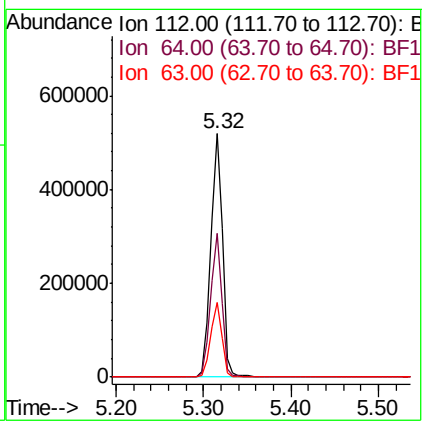


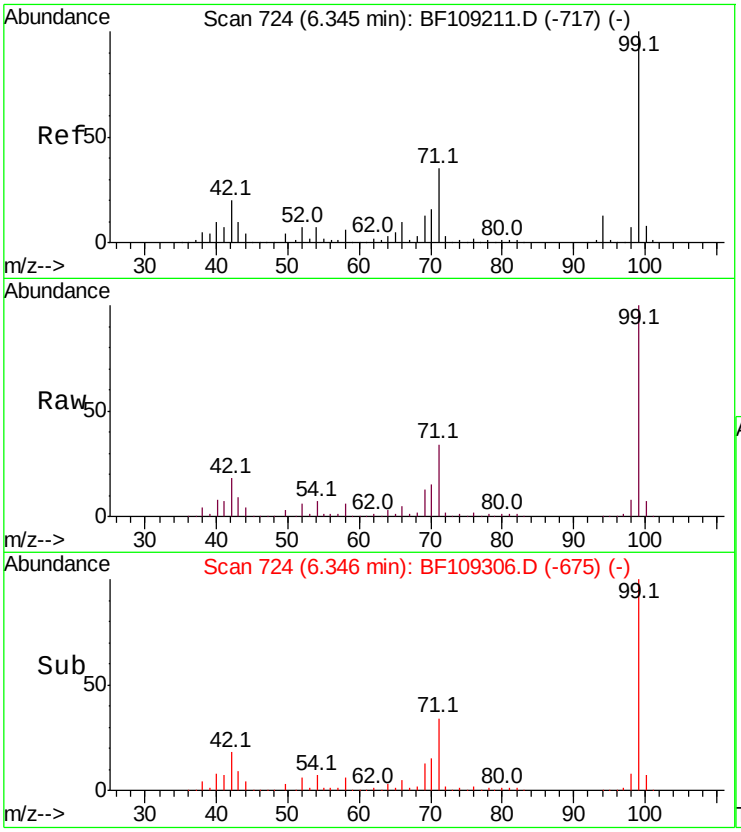


#5
2-Fluorophenol
Concen: 69.490 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109306.D
Acq: 26 Sep 2018 00:20

Tgt Ion:112 Resp: 483414

Ion	Ratio	Lower	Upper
112	100		
64	59.0	47.9	71.9
63	30.8	23.7	35.5



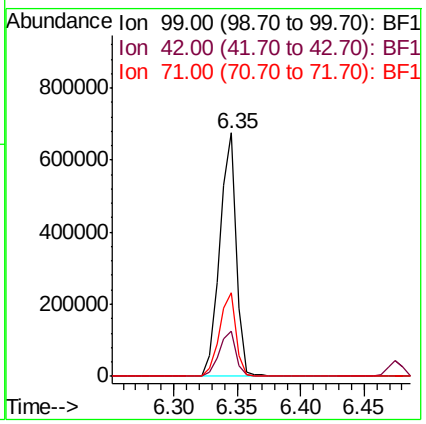


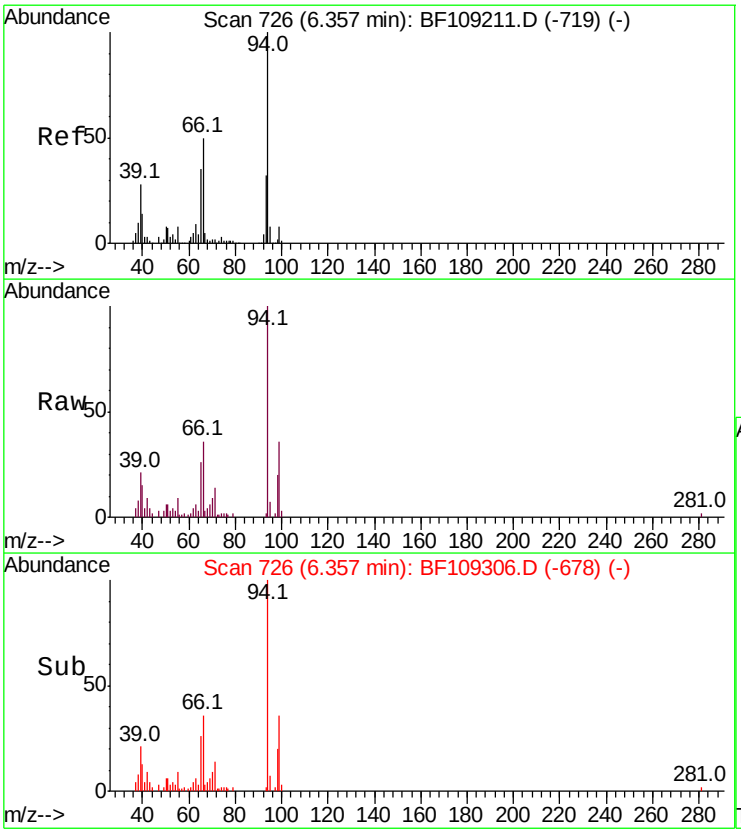
#7
Phenol-d6
Concen: 69.632 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF109306.D
Acq: 26 Sep 2018 00:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 618109

Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.5	21.7
71	34.2	25.4	38.0

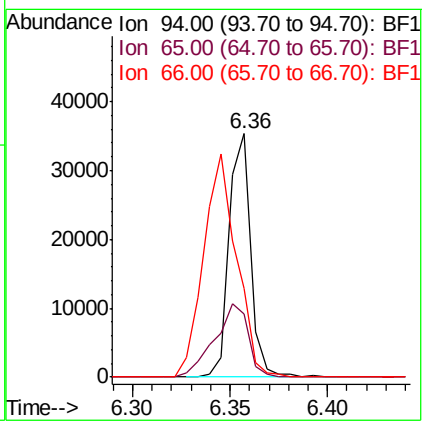


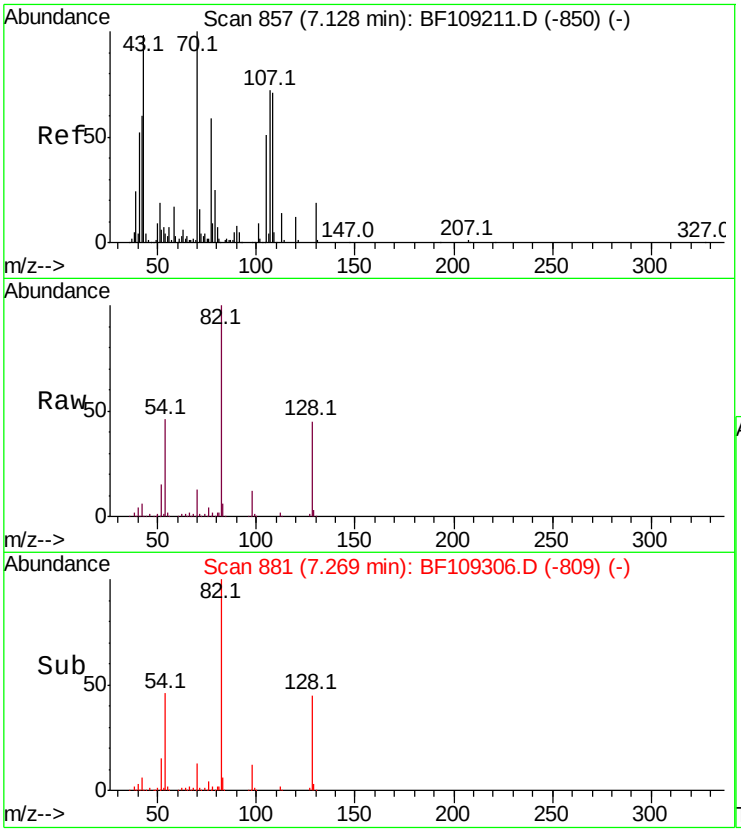


#10
Phenol
Concen: 2.706 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.02 min
Lab File: BF109306.D
Acq: 26 Sep 2018 00:20

Tgt Ion: 94 Resp: 27199

Ion	Ratio	Lower	Upper
94	100		
65	25.9	7.9	47.9
66	36.4	16.2	56.2



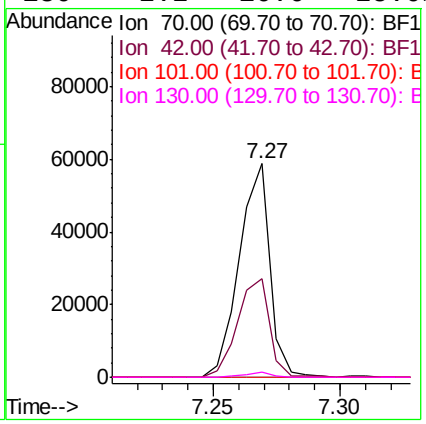


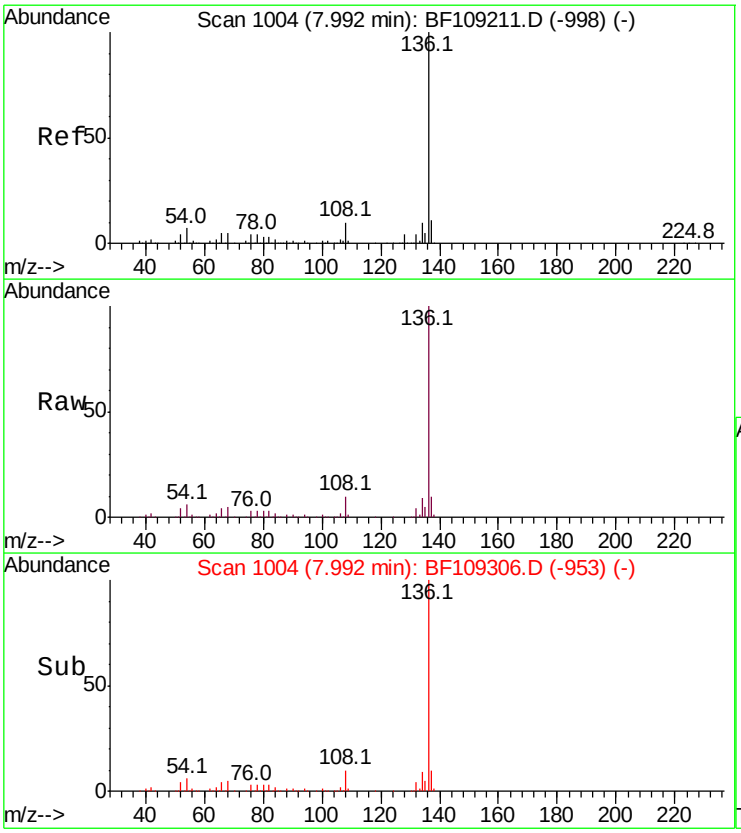
#19
n-Nitroso-di-n-propylamine
Concen: 8.493 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109306.D
Acq: 26 Sep 2018 00:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 49403

Ion	Ratio	Lower	Upper
70	100		
42	45.9	47.5	71.3#
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#

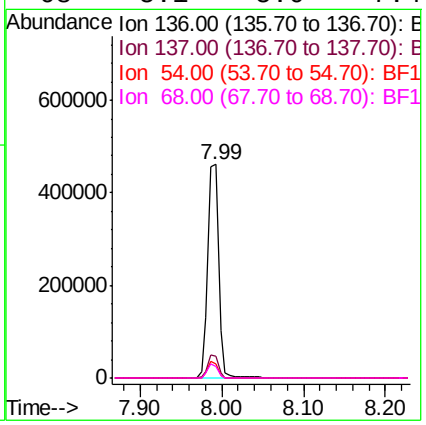


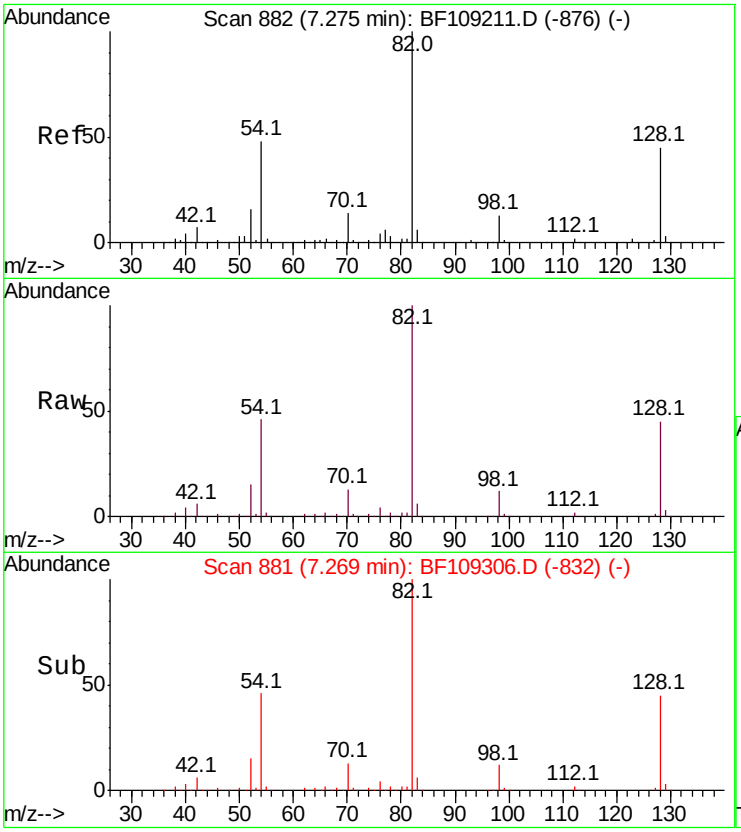


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF109306.D
Acq: 26 Sep 2018 00:20

Tgt Ion:136 Resp: 426518

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	6.4	6.6	9.8#
68	5.1	5.0	7.4



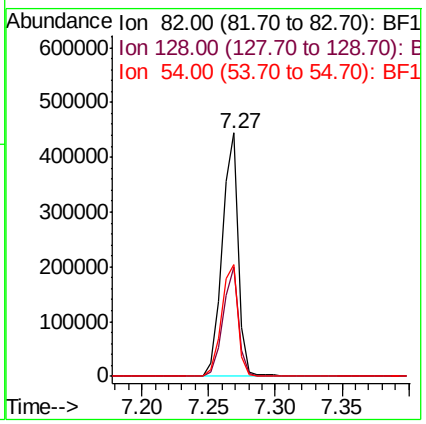


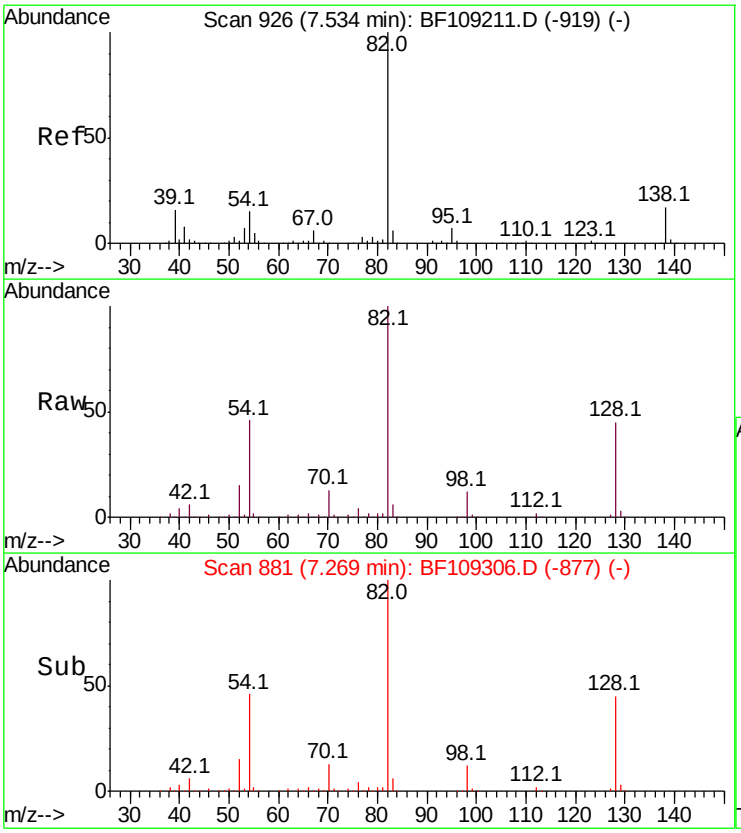
#23
Nitrobenzene-d5
Concen: 52.399 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109306.D
Acq: 26 Sep 2018 00:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 378597

Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.1	54.1
54	46.1	41.4	62.2

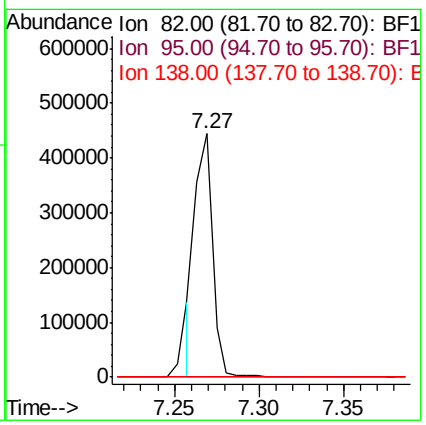


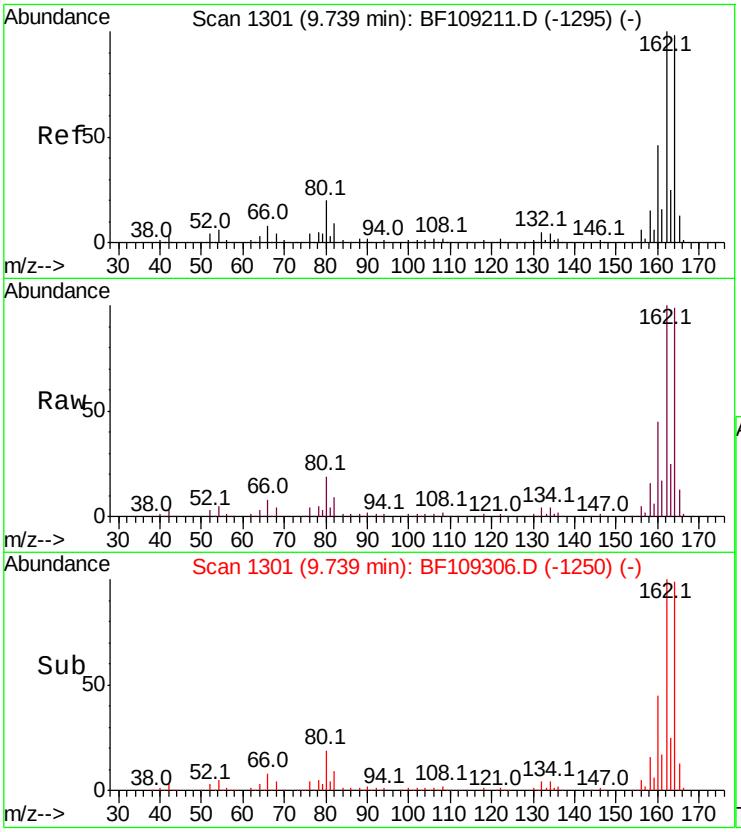


#25
Isophorone
Concen: 24.534 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.28 min
Lab File: BF109306.D
Acq: 26 Sep 2018 00:20

Tgt Ion: 82 Resp: 319212

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



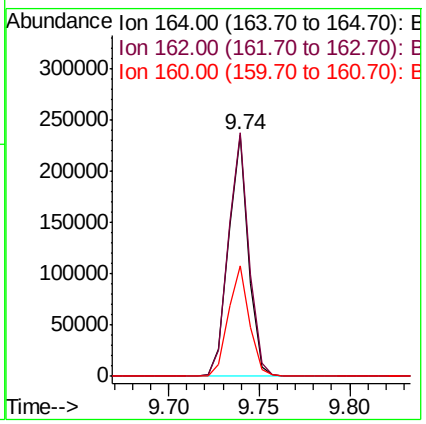


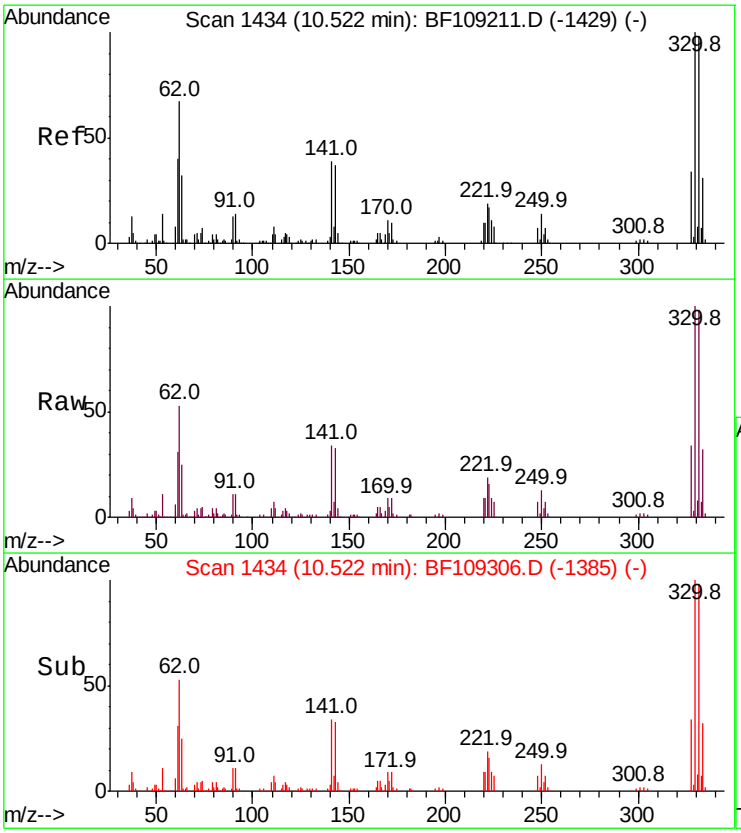
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF109306.D
Acq: 26 Sep 2018 00:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 181953

Ion	Ratio	Lower	Upper
164	100		
162	100.9	86.1	129.1
160	45.6	38.3	57.5

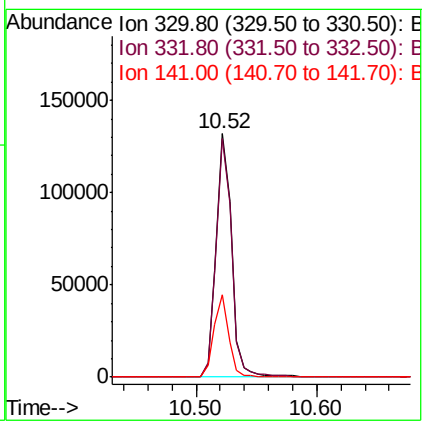


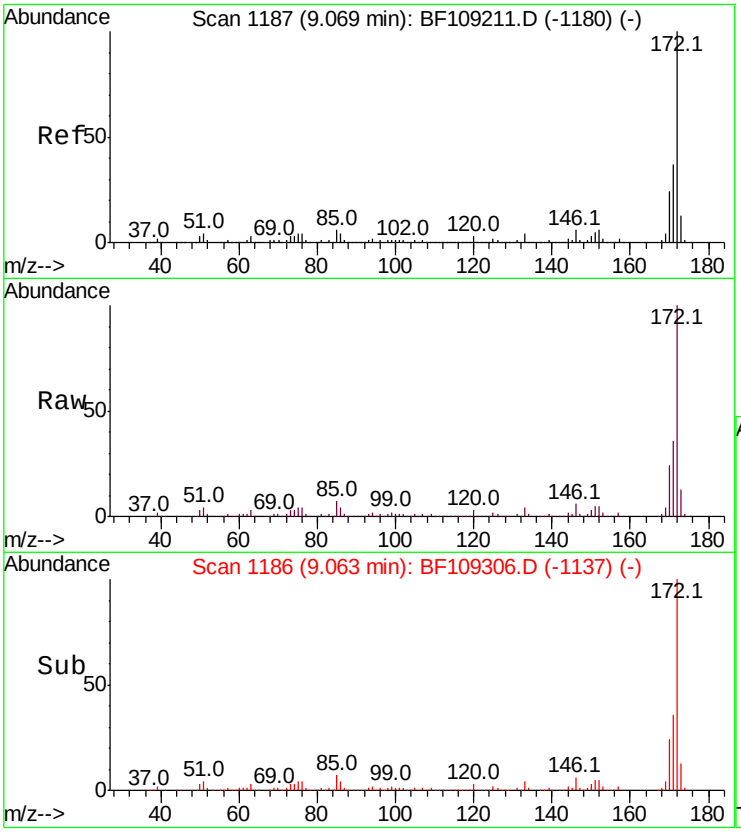


#41
2,4,6-Tribromophenol
Concen: 64.536 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF109306.D
Acq: 26 Sep 2018 00:20

Tgt Ion:330 Resp: 115757

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	32.4	29.9	44.9



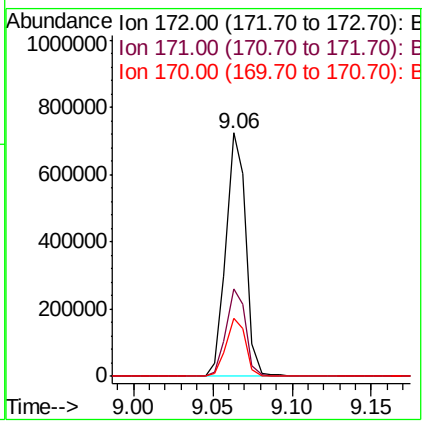


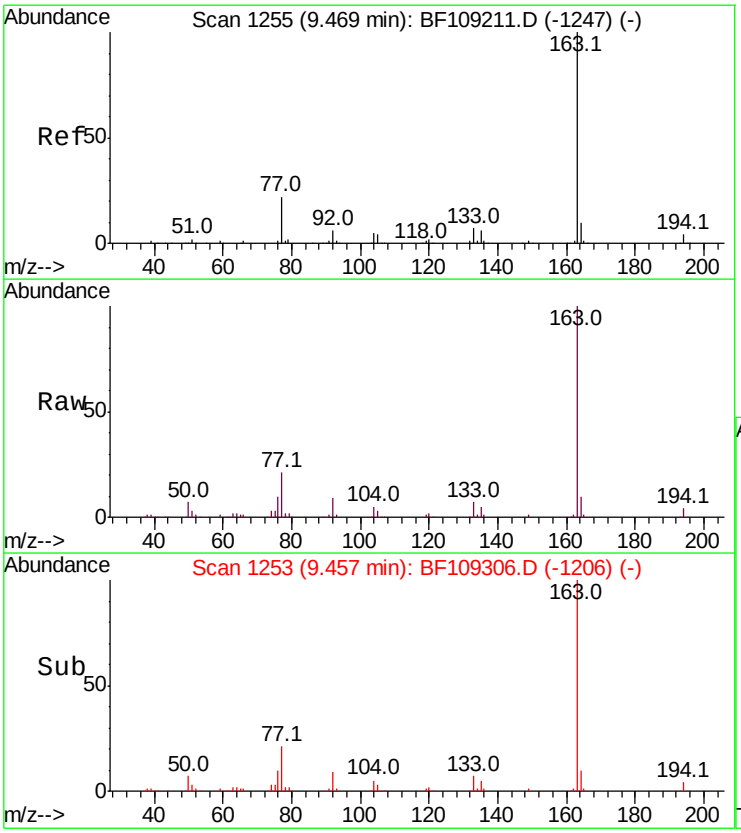
#44
2-Fluorobiphenyl
Concen: 52.519 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109306.D
Acq: 26 Sep 2018 00:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 633609

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.7	19.6	29.4

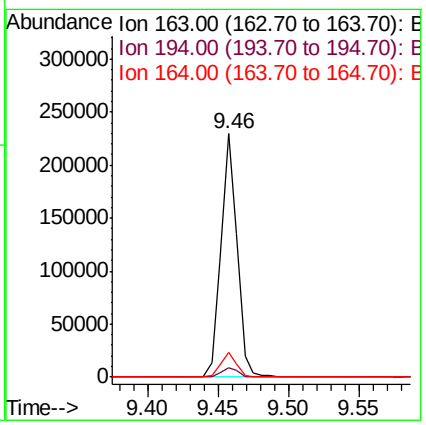


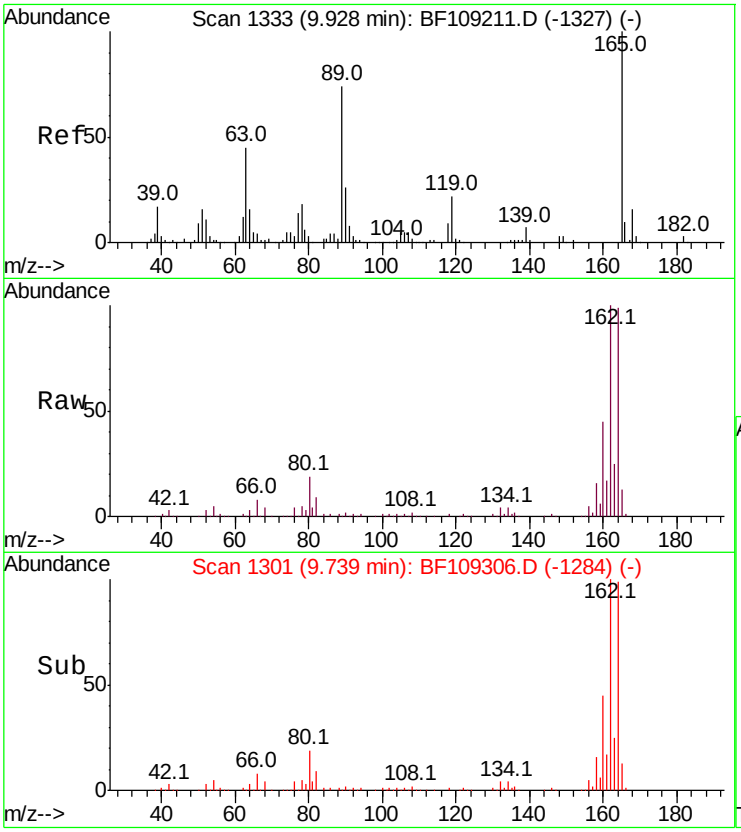


#49
Dimethylphthalate
Concen: 13.811 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109306.D
Acq: 26 Sep 2018 00:20

Tgt Ion:163 Resp: 182775

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.4	8.2	12.2



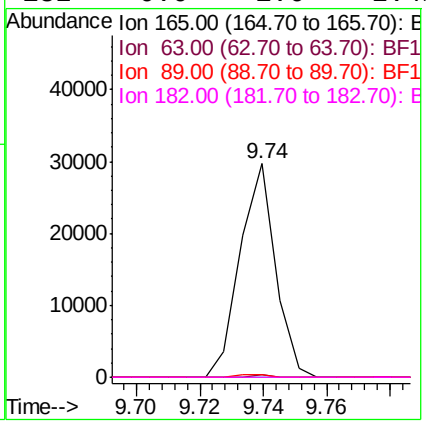


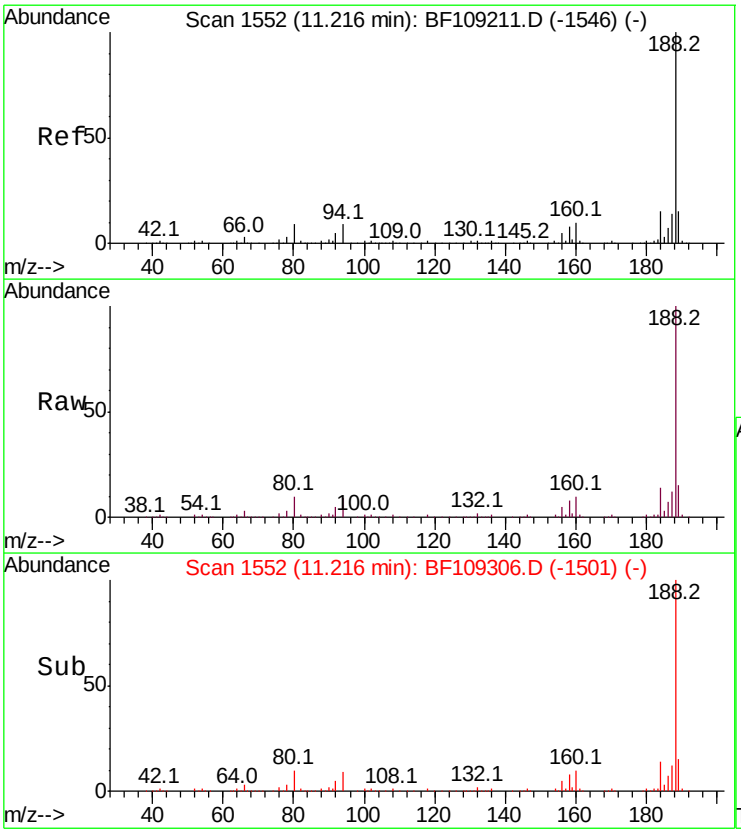
#56
2,4-Dinitrotoluene
Concen: 6.924 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.20 min
Lab File: BF109306.D
Acq: 26 Sep 2018 00:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 22961

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#

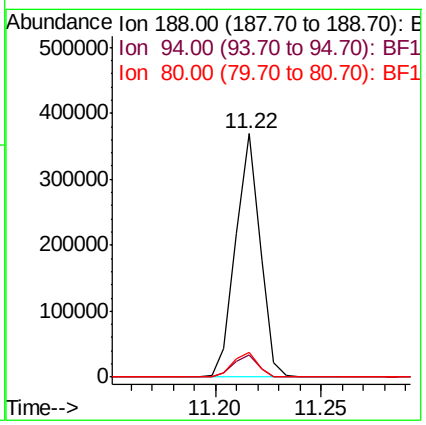


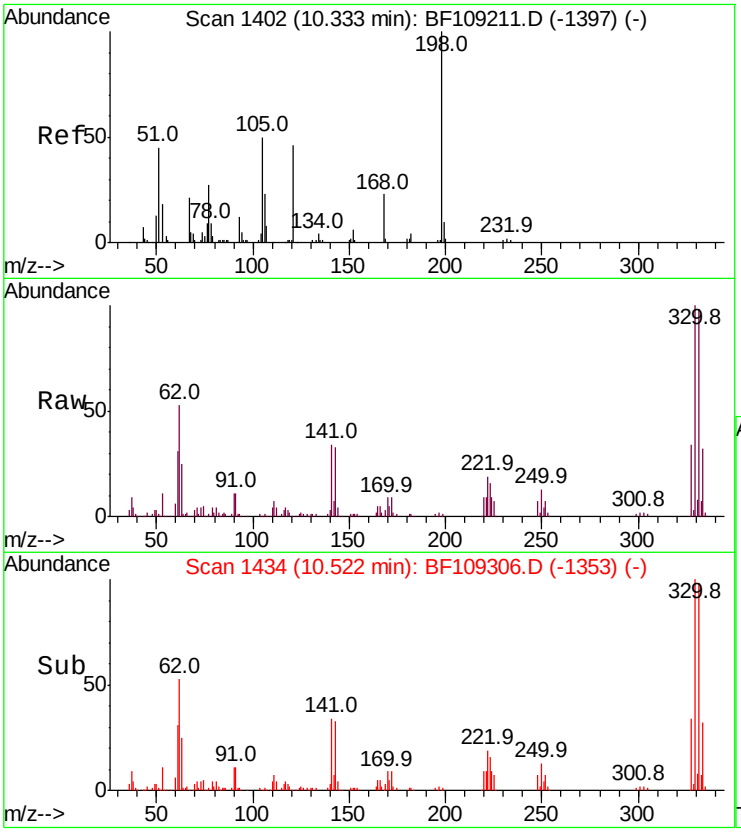


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109306.D
Acq: 26 Sep 2018 00:20

Tgt Ion:188 Resp: 295869

Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.5	12.7
80	10.0	9.2	13.8



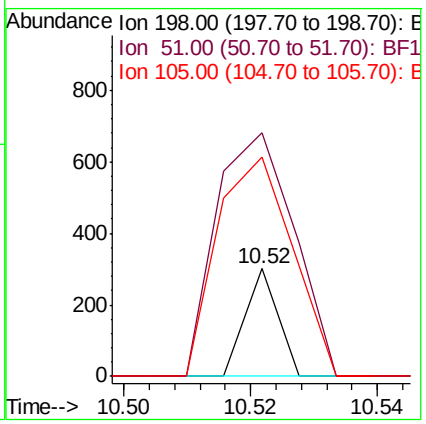


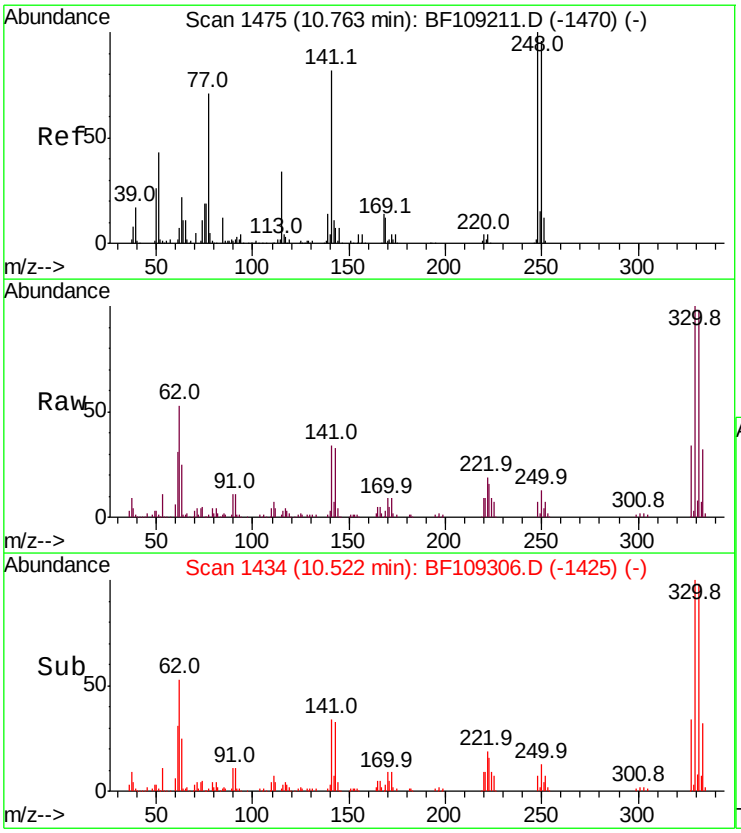
#64
4,6-Dinitro-2-methylphenol
Concen: 6.597 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.18 min
Lab File: BF109306.D
Acq: 26 Sep 2018 00:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 106

Ion	Ratio	Lower	Upper
198	100		
51	226.2	37.7	77.7#
105	203.3	36.3	76.3#

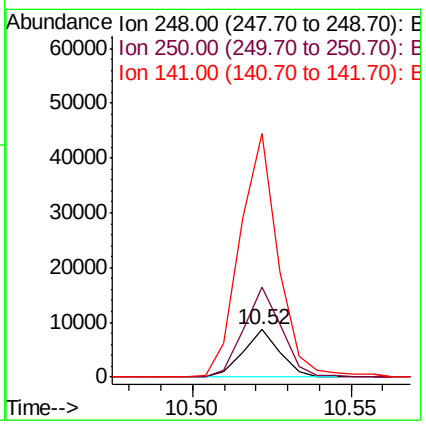


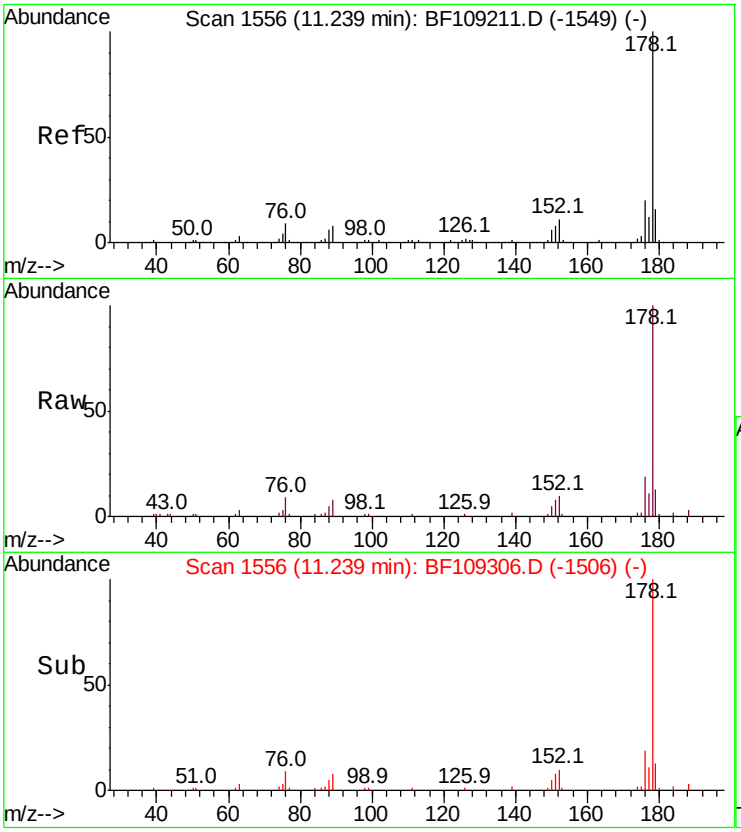


#66
4-Bromophenyl-phenylether
Concen: 2.114 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF109306.D
Acq: 26 Sep 2018 00:20

Tgt Ion:248 Resp: 6945

Ion	Ratio	Lower	Upper
248	100		
250	189.8	76.9	115.3#
141	510.8	74.4	111.6#



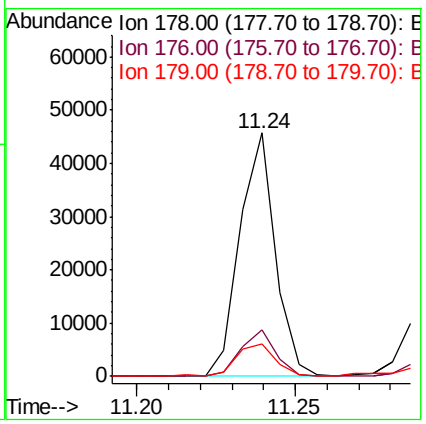


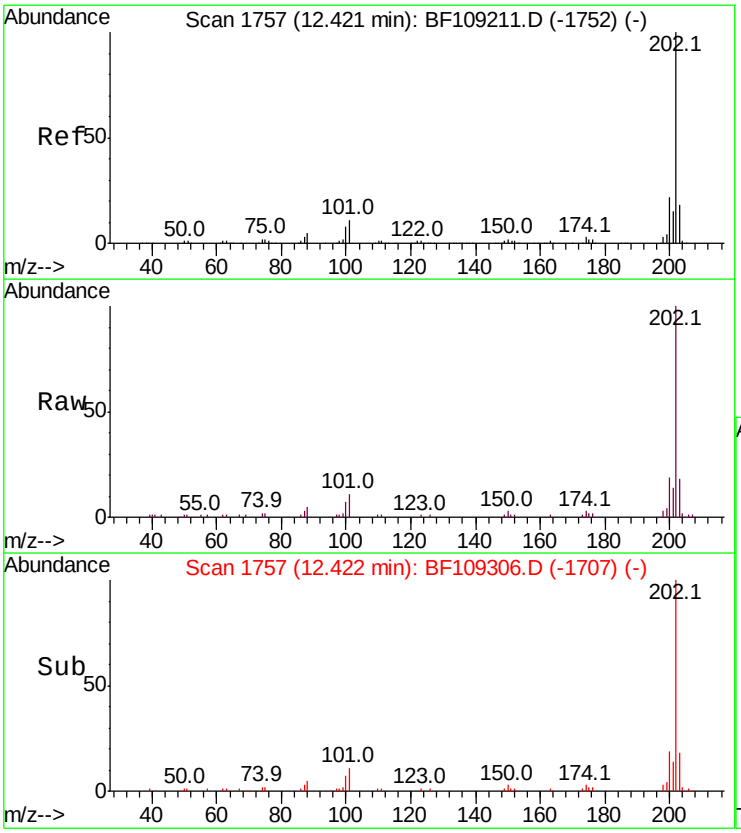
#70
Phenanthrene
Concen: 2.386 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF109306.D
Acq: 26 Sep 2018 00:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 35246

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	13.3	13.0	19.6

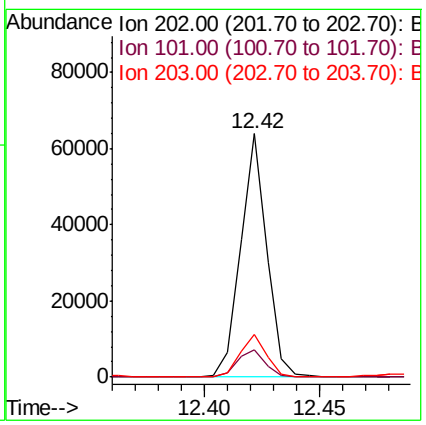


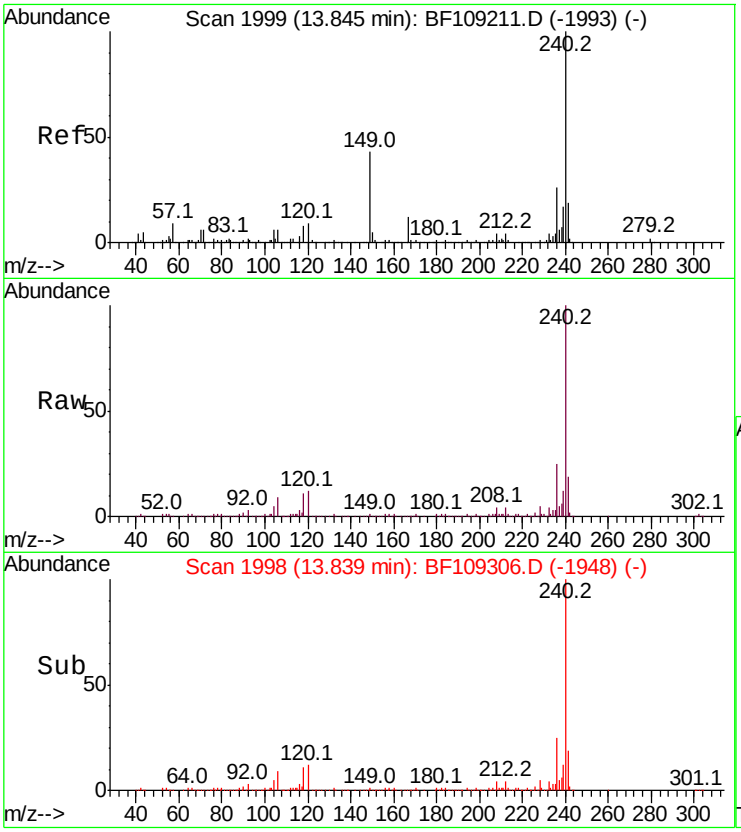


#74
Fluoranthene
Concen: 3.198 ng
RT: 12.42 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BF109306.D
Acq: 26 Sep 2018 00:20

Tgt Ion:202 Resp: 50482

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	34.1
203	17.5	0.0	38.1



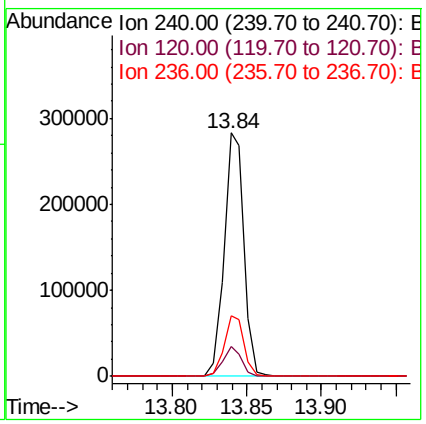


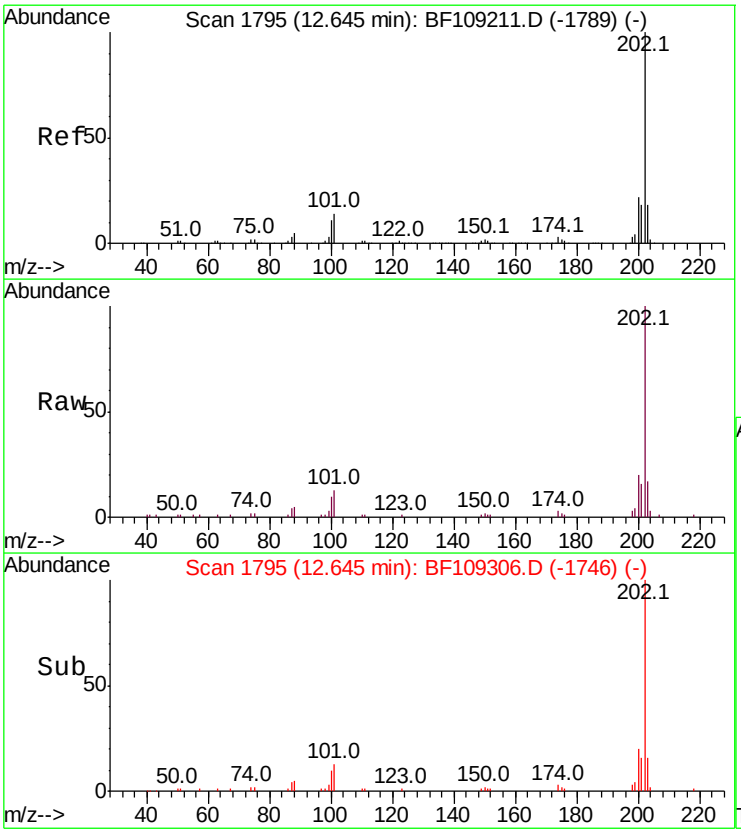
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109306.D
Acq: 26 Sep 2018 00:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 266805

Ion	Ratio	Lower	Upper
240	100		
120	12.4	9.5	14.3
236	25.1	20.7	31.1

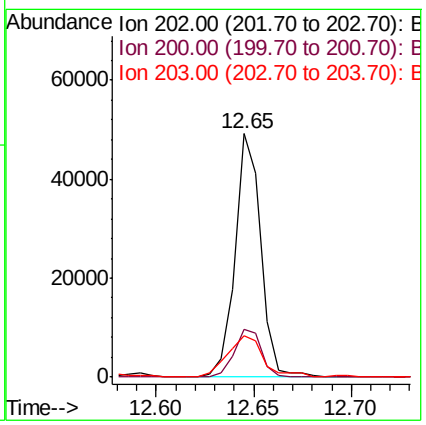


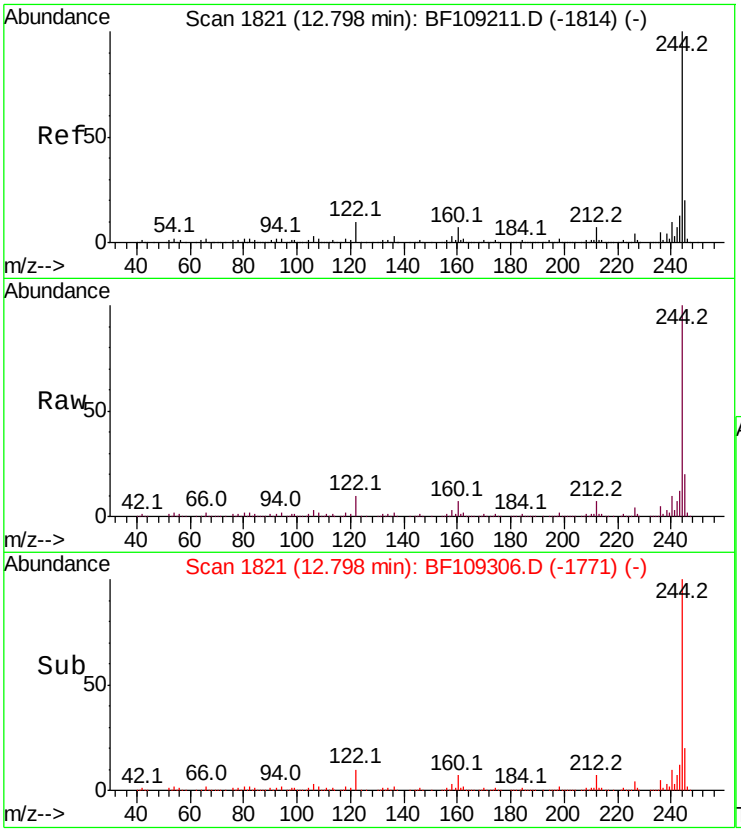


#77
Pyrene
Concen: 2.350 ng
RT: 12.65 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BF109306.D
Acq: 26 Sep 2018 00:20

Tgt Ion:202 Resp: 44941

Ion	Ratio	Lower	Upper
202	100		
200	19.8	17.4	26.2
203	16.8	14.3	21.5



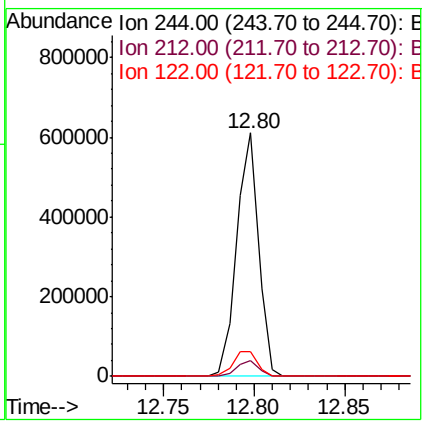


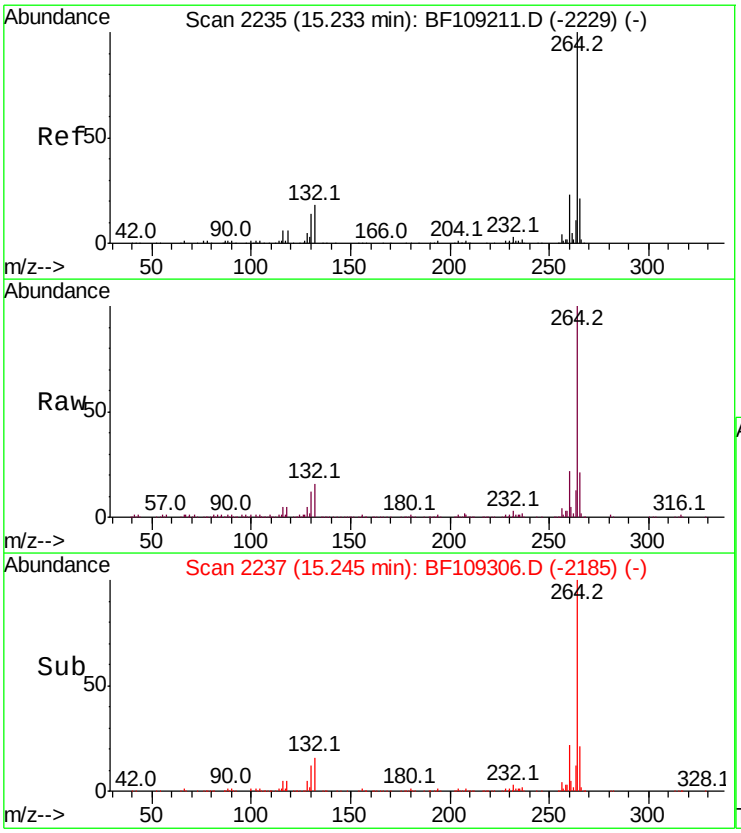
#78
Terphenyl-d14
Concen: 47.123 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF109306.D
Acq: 26 Sep 2018 00:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 512300

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	10.4	11.0	16.4#

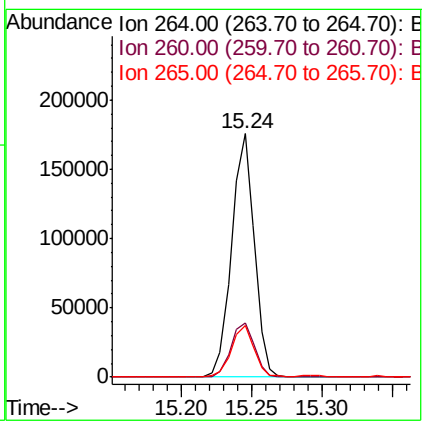


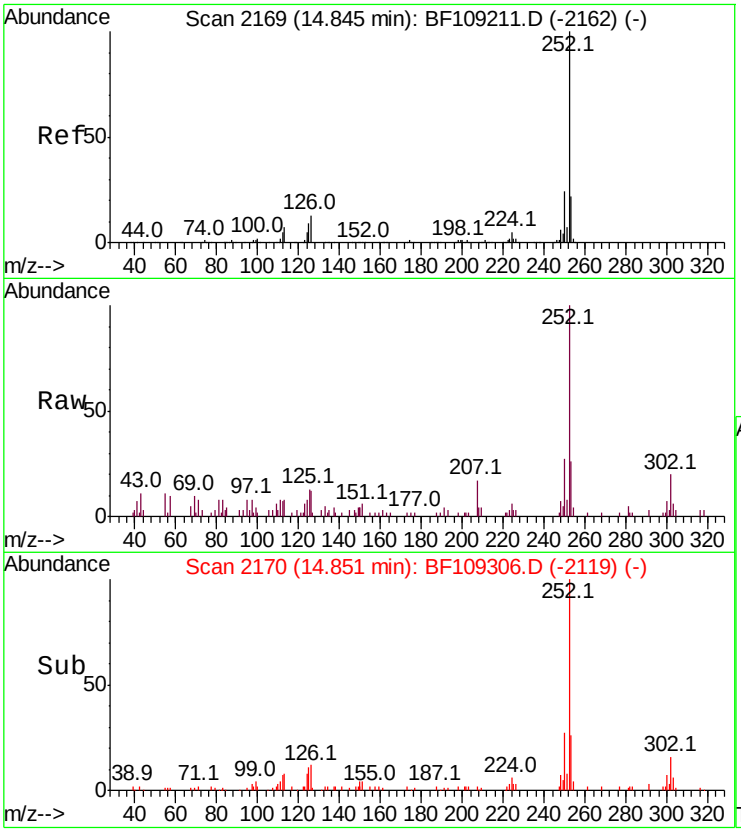


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF109306.D
Acq: 26 Sep 2018 00:20

Tgt Ion:264 Resp: 196409

Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.2	28.8
265	21.2	17.5	26.3



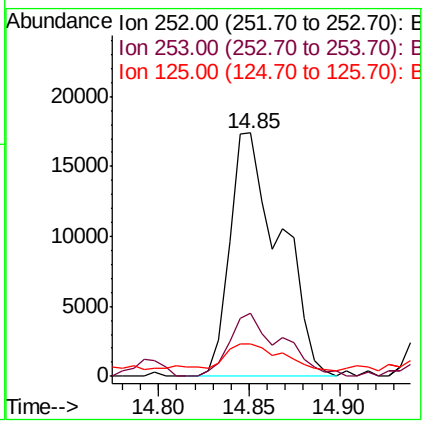


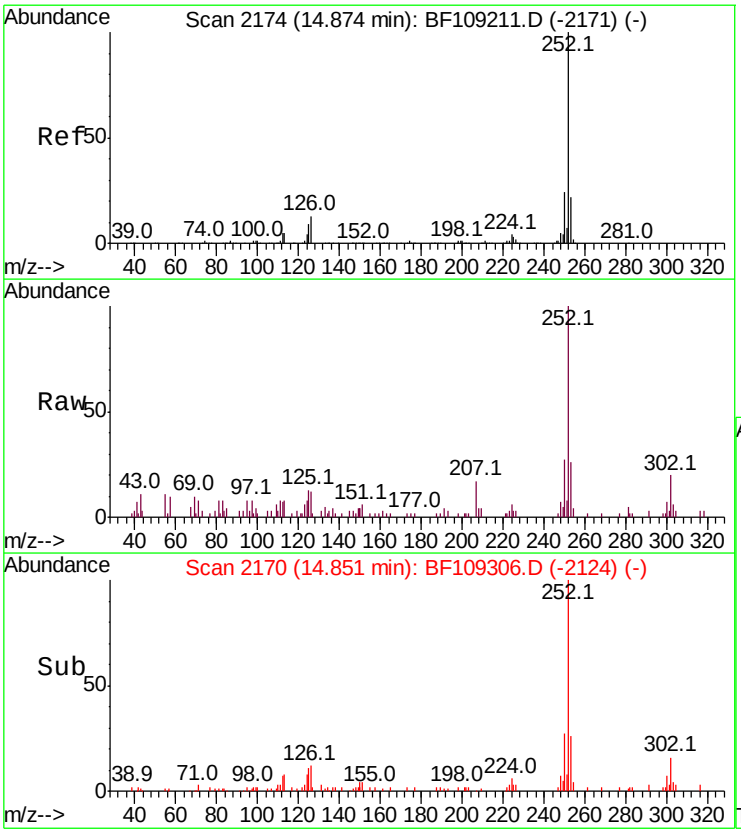
#87
Benzo(b)fluoranthene
Concen: 3.107 ng
RT: 14.85 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BF109306.D
Acq: 26 Sep 2018 00:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 33532

Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.0	25.6#
125	13.2	9.0	13.6





#88
Benzo(k)fluoranthene
Concen: 3.274 ng
RT: 14.85 min Scan# 2170
Delta R.T. -0.03 min
Lab File: BF109306.D
Acq: 26 Sep 2018 00:20

Tgt Ion:252 Resp: 33532

Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.9	26.9
125	13.2	10.2	15.2