Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
Data File : BF109299.D
Acq On : 25 Sep 2018 21:15
Operator : JU/SJ
Sample : J5044-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 26 02:27:40 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	111407	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	426880	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	188239	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	325360	20.00	ng		0.00
75) Chrysene-d12	13.84	240	277139	20.00	ng		0.00
86) Perylene-d12	15.24	264	212696	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	430376	63.63	ng		0.00
7) Phenol-d6	6.35	99	554984	64.30	ng		-0.01
23) Nitrobenzene-d5	7.27	82	334092	46.20	ng		-0.01
41) 2,4,6-Tribromophenol	10.52	330	110113	59.34	ng		-0.01
44) 2-Fluorobiphenyl	9.06	172	599359	48.02	ng		-0.01
78) Terphenyl-d14	12.80	244	541259	47.93	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.36	94	25812	2.641	ng		97
19) n-Nitroso-di-n-propylamine	7.27	70	44100	7.798	ng	#	76
25) Isophorone	7.27	82	283436	21.766	ng	#	64
49) Dimethylphthalate	9.46	163	176611	12.900	ng		99
56) 2,4-Dinitrotoluene	9.74	165	24162	7.042	ng	#	21
64) 4,6-Dinitro-2-methylphenol	10.52	198	120	6.599	ng	#	1
74) Fluoranthene	12.42	202	46851	2.699	ng		96
77) Pyrene	12.65	202	41848	2.107	ng		98
80) Benzo(a)anthracene	13.83	228	42474	2.544	ng		98
87) Benzo(b)fluoranthene	14.85	252	46208	3.954	ng	#	89
88) Benzo(k)fluoranthene	14.85	252	46208	4.166	ng	#	92
89) Benzo(a)pyrene	15.19	252	27229	2.585	ng		93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
Data File : BF109299.D
Acq On : 25 Sep 2018 21:15
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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
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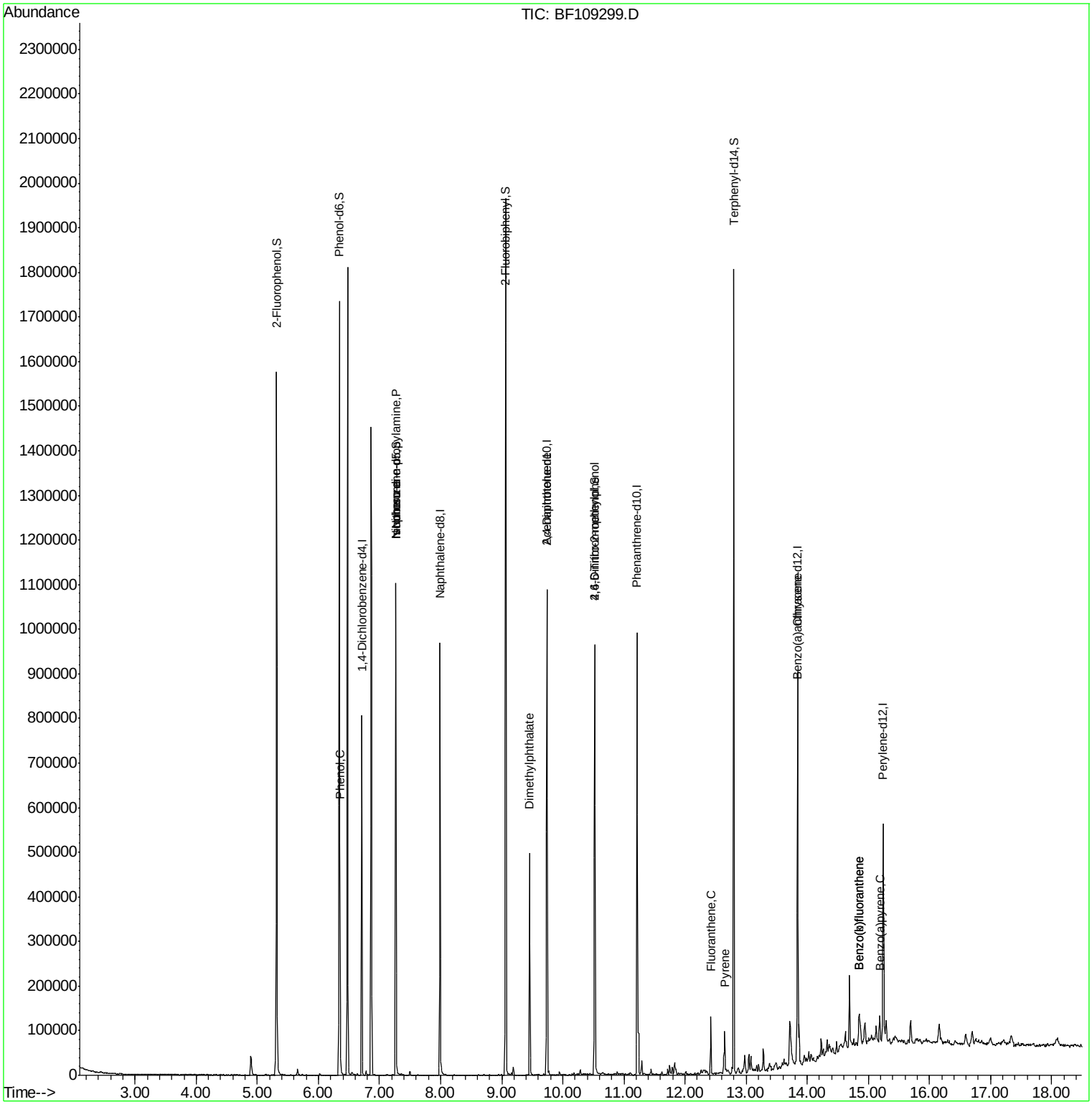
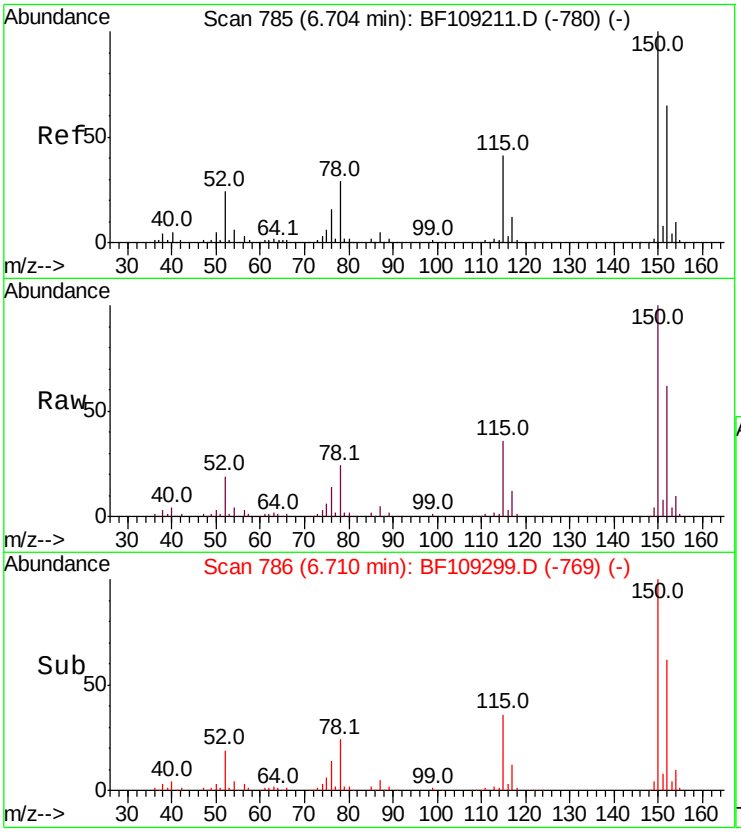


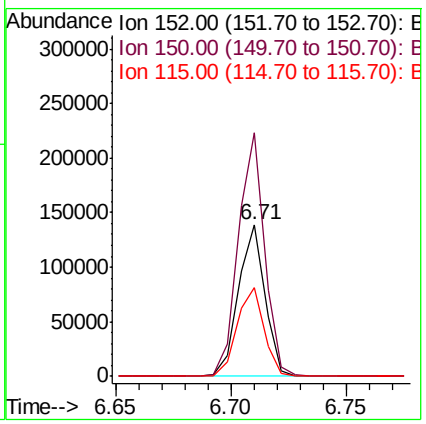


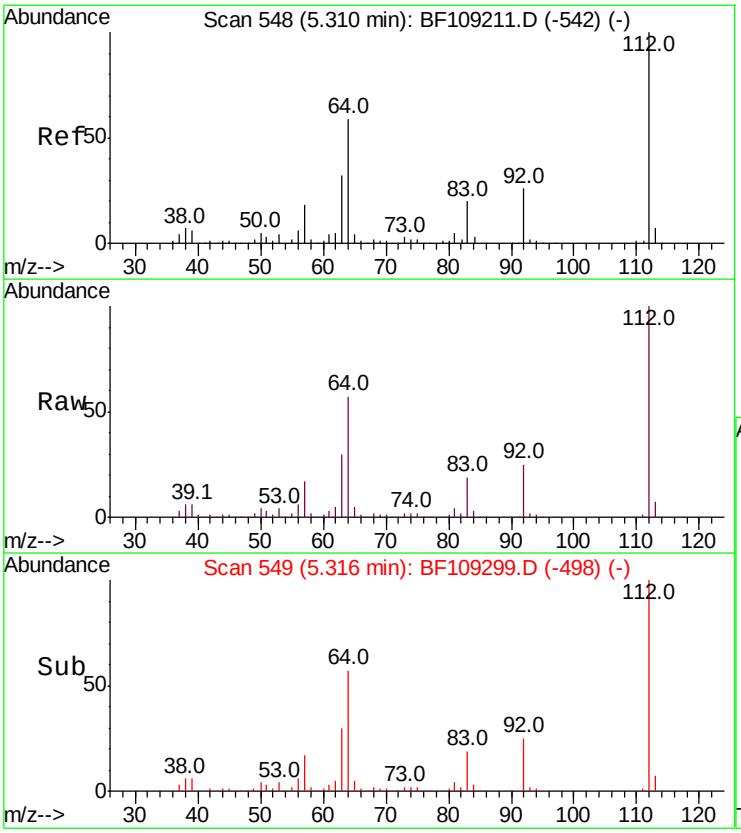
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF109299.D
Acq: 25 Sep 2018 21:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 111407

Ion	Ratio	Lower	Upper
152	100		
150	160.3	124.6	186.8
115	58.3	50.1	75.1

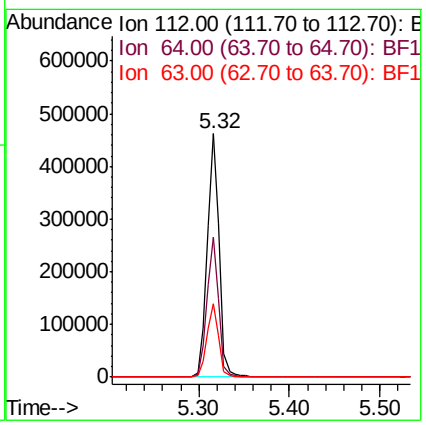


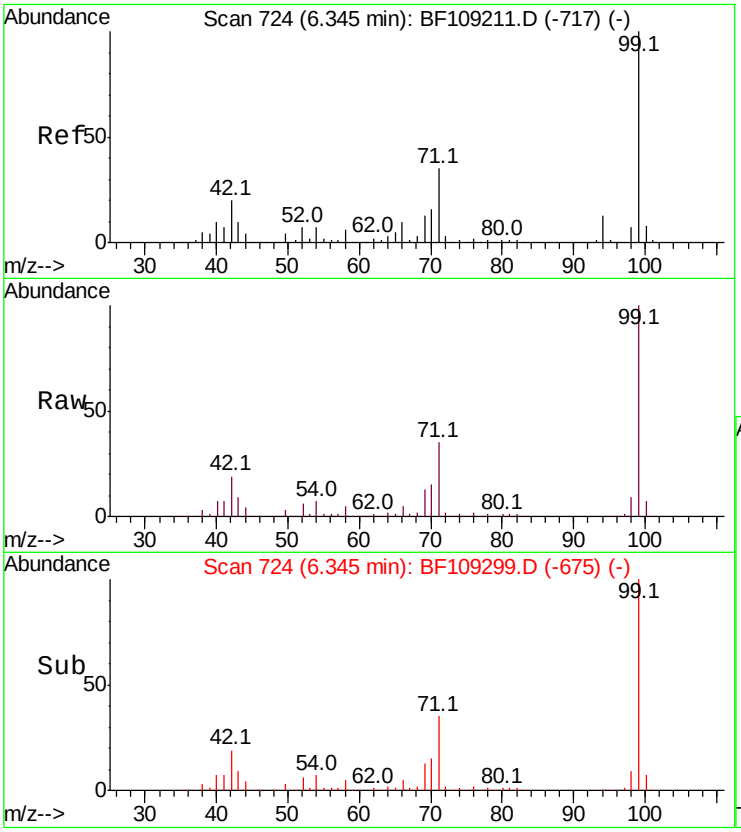


#5
2-Fluorophenol
Concen: 63.628 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109299.D
Acq: 25 Sep 2018 21:15

Tgt Ion:112 Resp: 430376

Ion	Ratio	Lower	Upper
112	100		
64	57.5	47.9	71.9
63	30.3	23.7	35.5



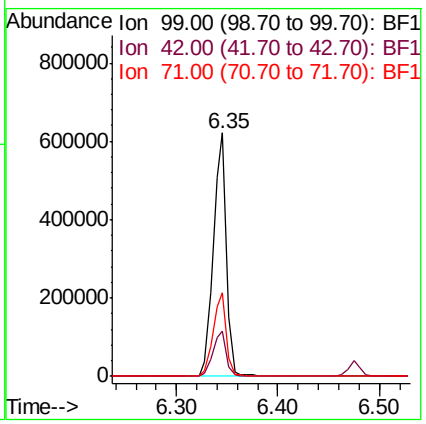


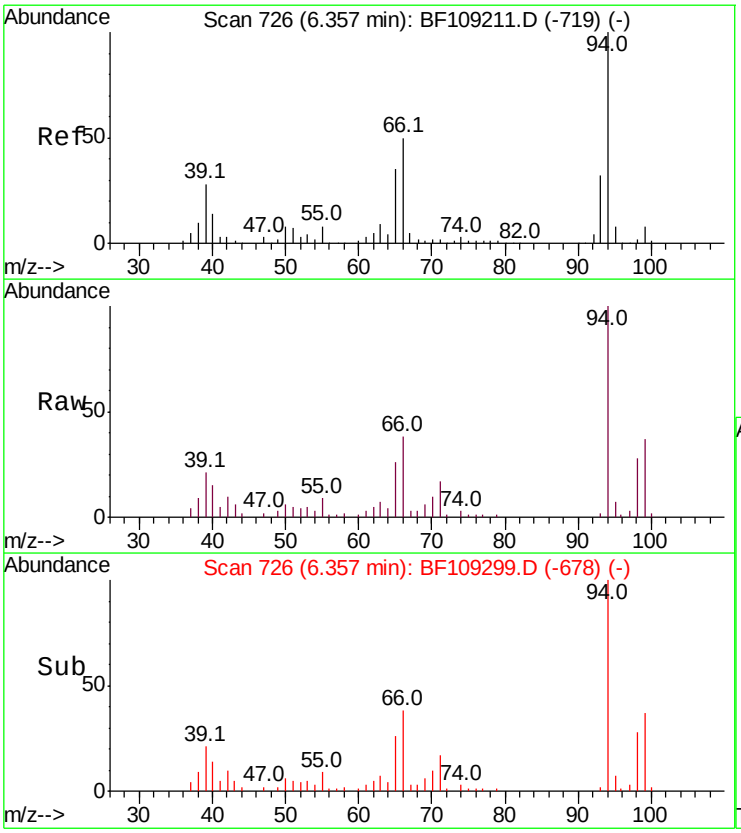
#7
Phenol-d6
Concen: 64.301 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF109299.D
Acq: 25 Sep 2018 21:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 554984

Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.5	21.7
71	34.6	25.4	38.0

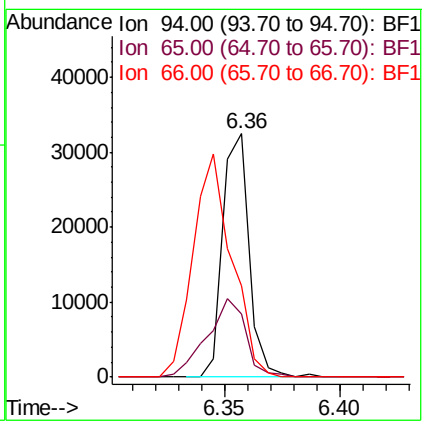


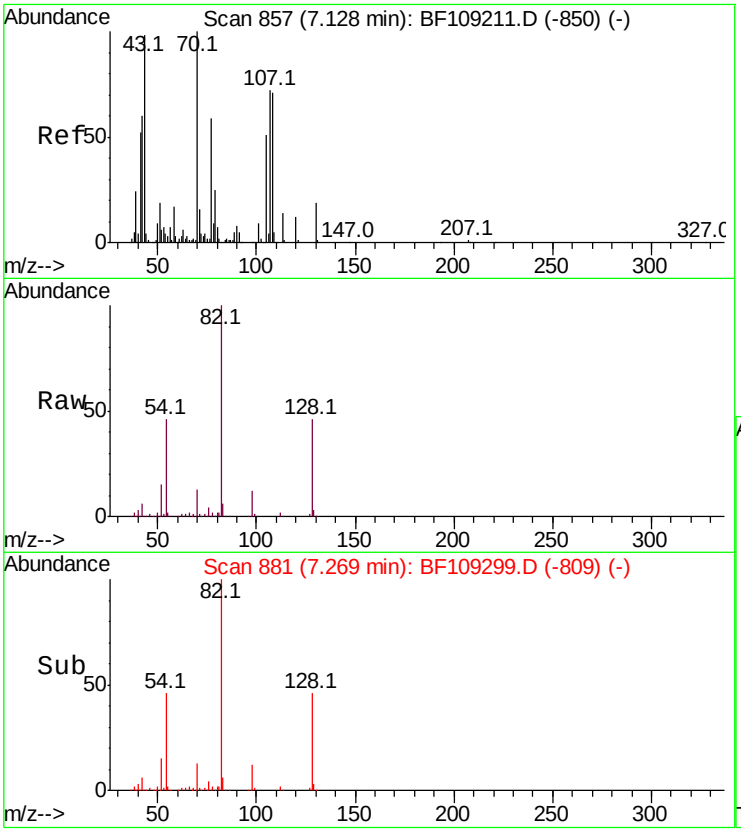


#10
Phenol
Concen: 2.641 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.02 min
Lab File: BF109299.D
Acq: 25 Sep 2018 21:15

Tgt Ion: 94 Resp: 25812

Ion	Ratio	Lower	Upper
94	100		
65	26.1	7.9	47.9
66	37.5	16.2	56.2



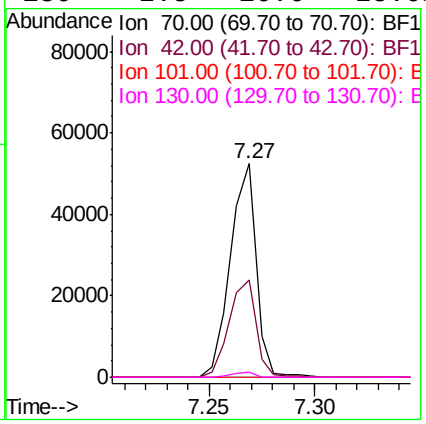


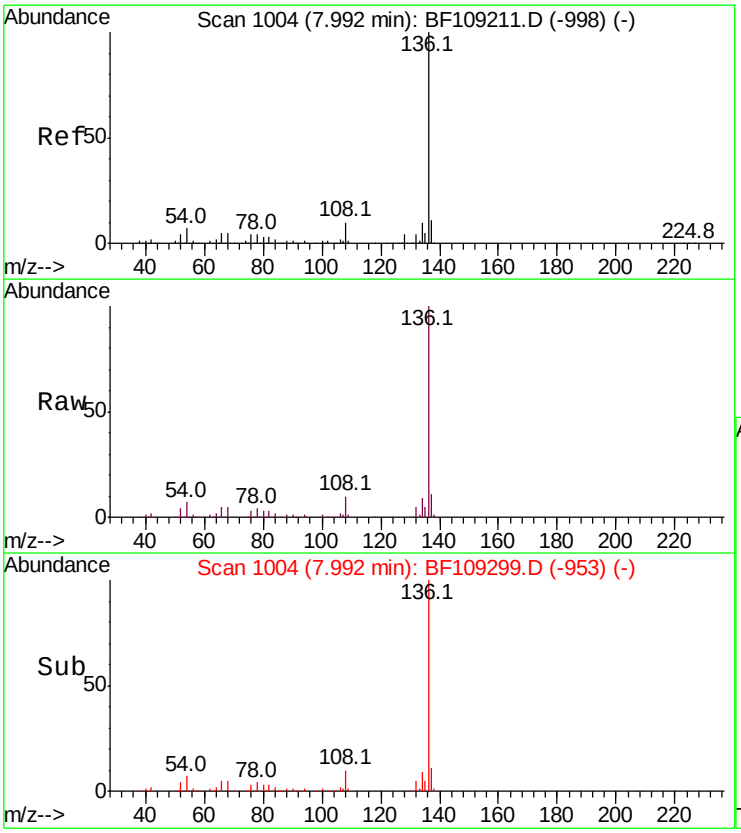
#19
n-Nitroso-di-n-propylamine
Concen: 7.798 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109299.D
Acq: 25 Sep 2018 21:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 44100

Ion	Ratio	Lower	Upper
70	100		
42	45.3	47.5	71.3#
101	0.0	7.4	11.2#
130	2.5	16.6	25.0#

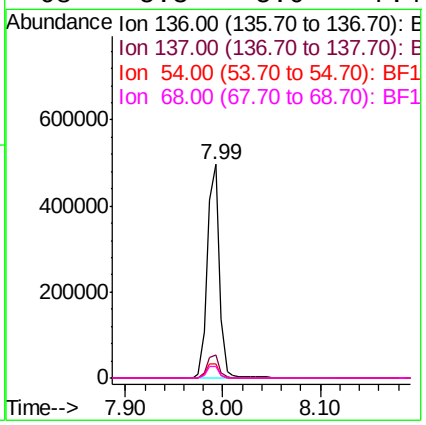


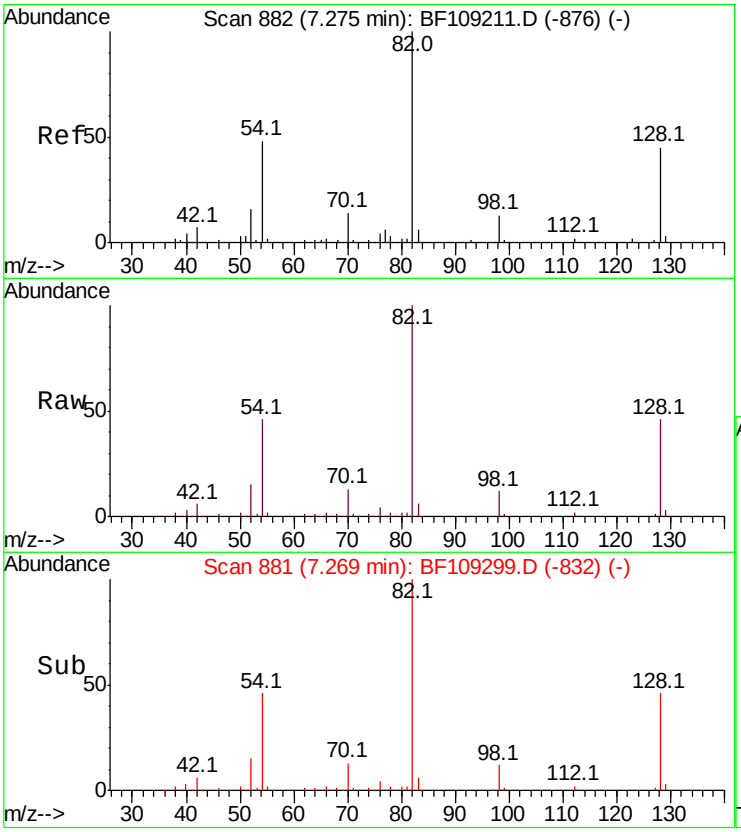


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF109299.D
Acq: 25 Sep 2018 21:15

Tgt Ion:136 Resp: 426880

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.5	6.6	9.8#
68	5.3	5.0	7.4



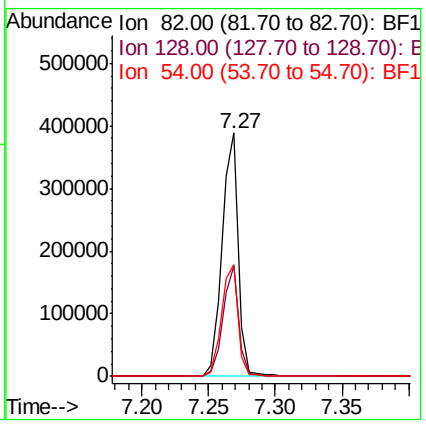


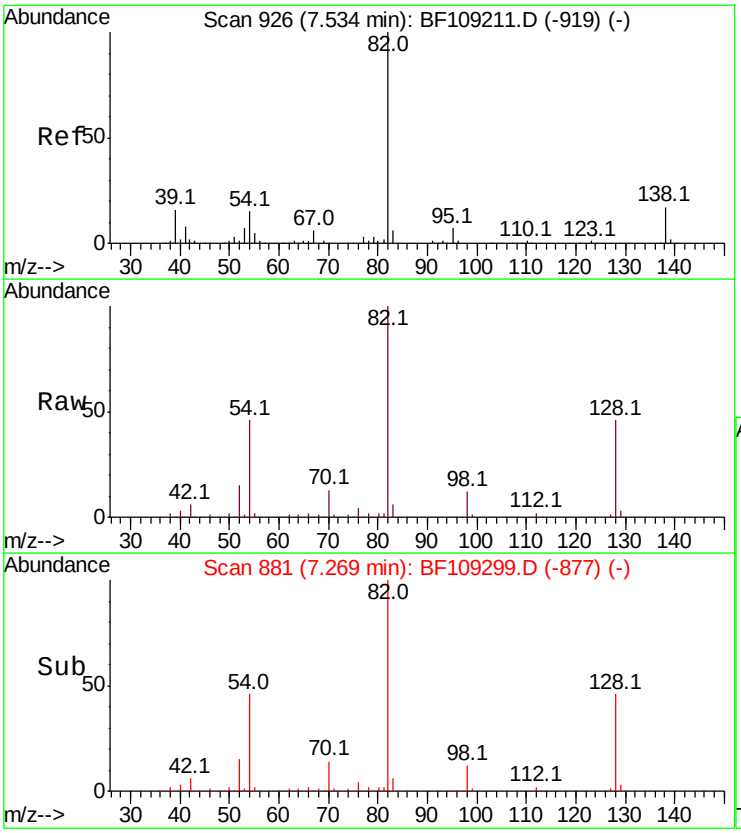
#23
Nitrobenzene-d5
Concen: 46.200 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109299.D
Acq: 25 Sep 2018 21:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 334092

Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.1	54.1
54	46.0	41.4	62.2

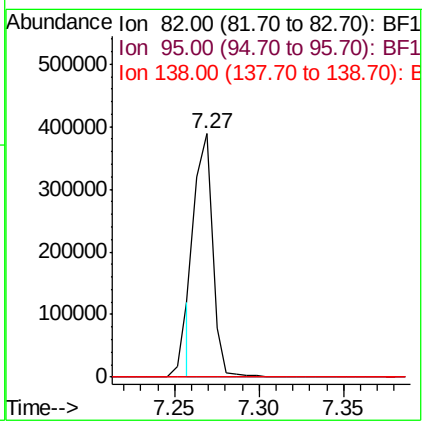


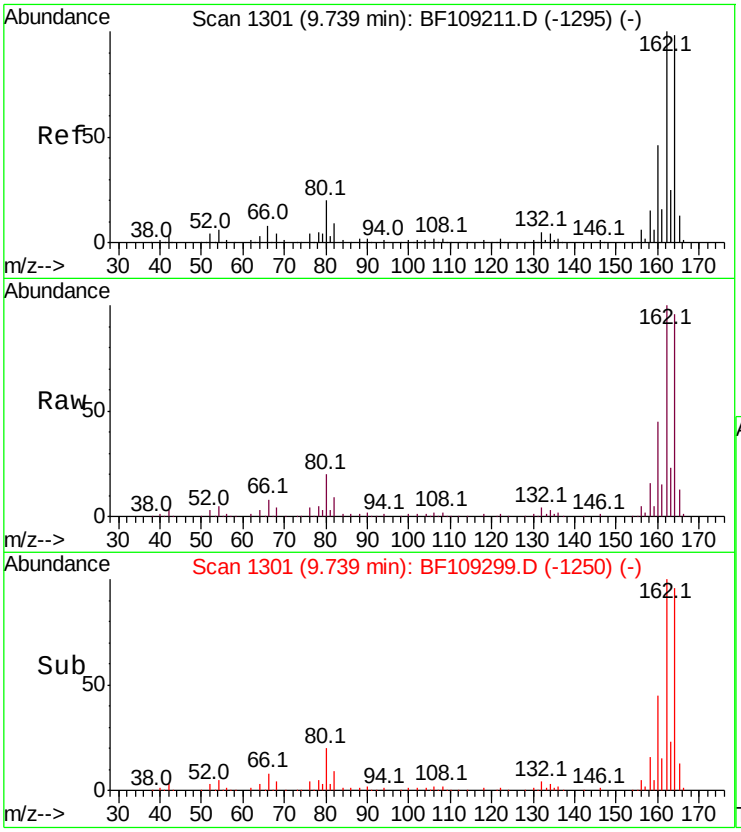


#25
Isophorone
Concen: 21.766 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.28 min
Lab File: BF109299.D
Acq: 25 Sep 2018 21:15

Tgt Ion: 82 Resp: 283436

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



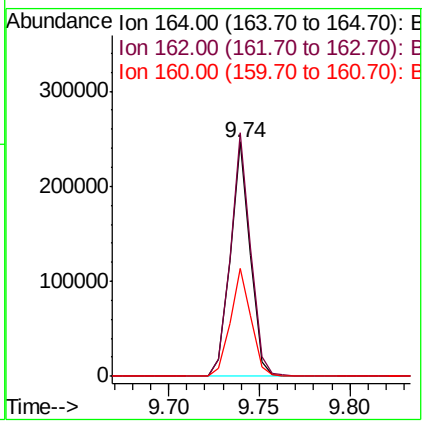


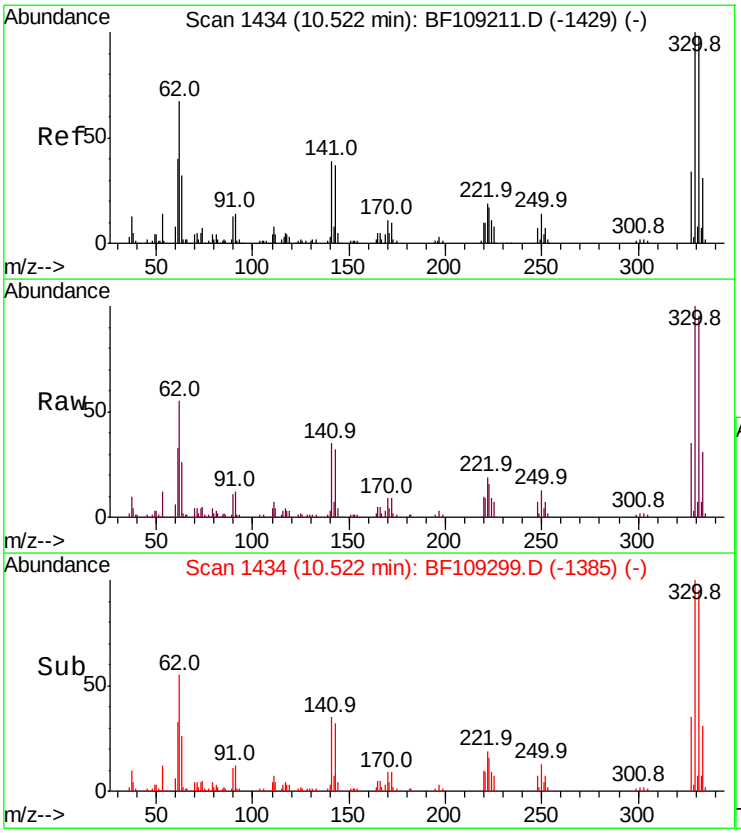
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF109299.D
Acq: 25 Sep 2018 21:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 188239

Ion	Ratio	Lower	Upper
164	100		
162	103.8	86.1	129.1
160	46.3	38.3	57.5

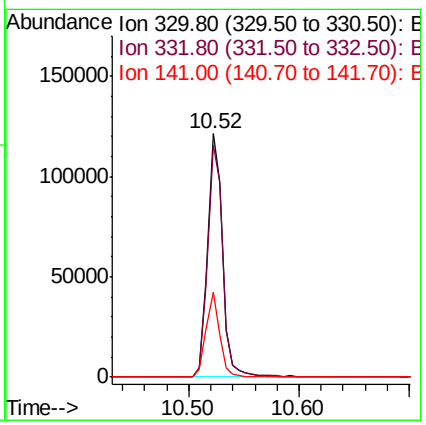


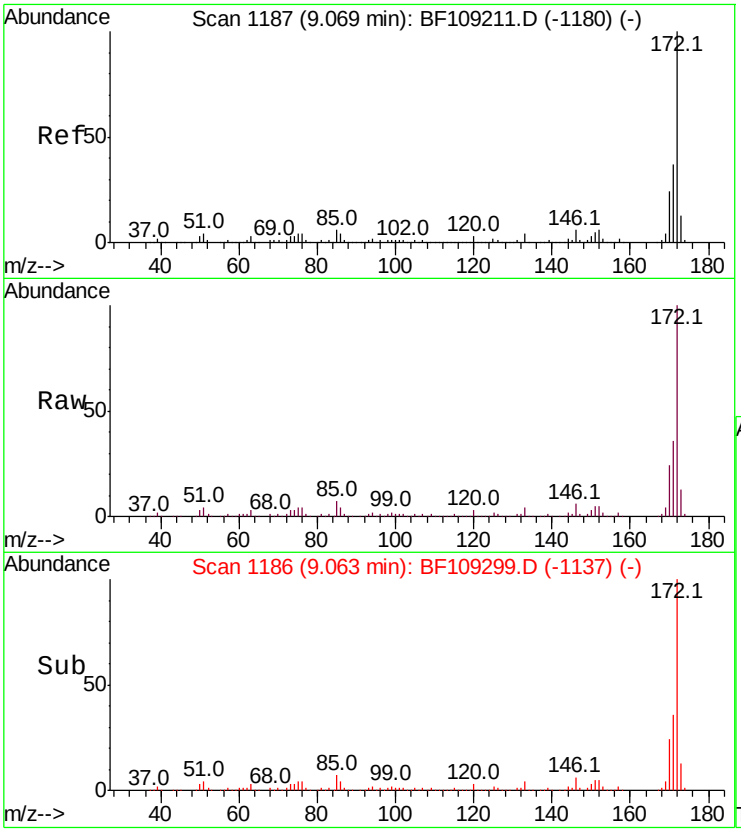


#41
2,4,6-Tribromophenol
Concen: 59.339 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF109299.D
Acq: 25 Sep 2018 21:15

Tgt Ion:330 Resp: 110113

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	31.8	29.9	44.9



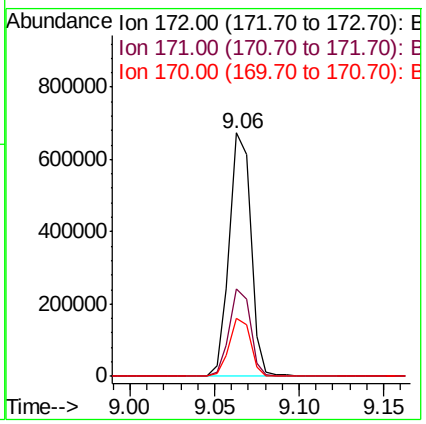


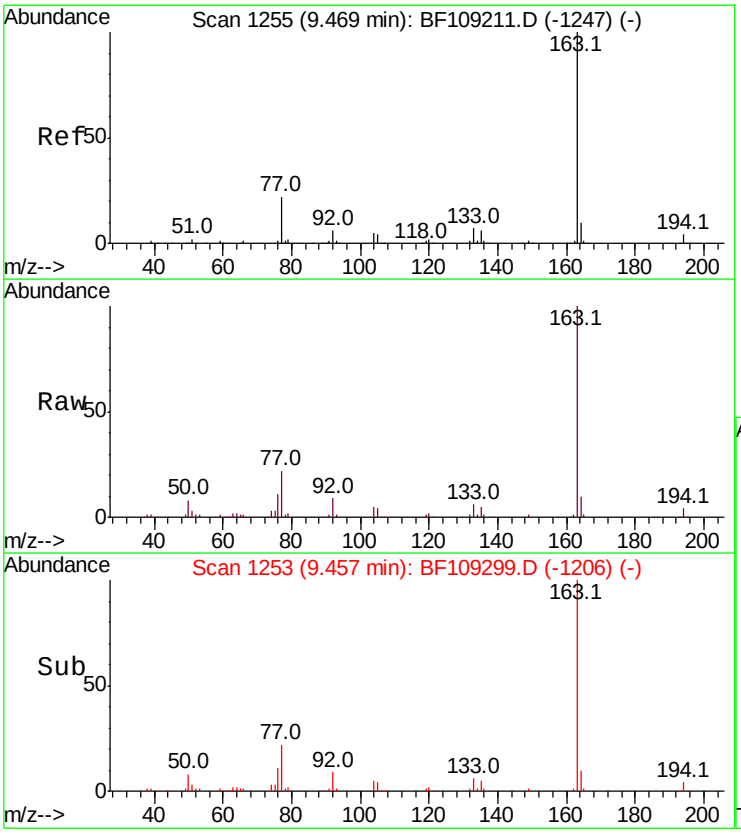
#44
2-Fluorobiphenyl
Concen: 48.021 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109299.D
Acq: 25 Sep 2018 21:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 599359

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.6	19.6	29.4

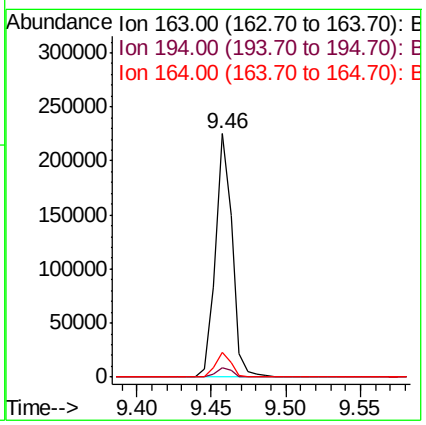


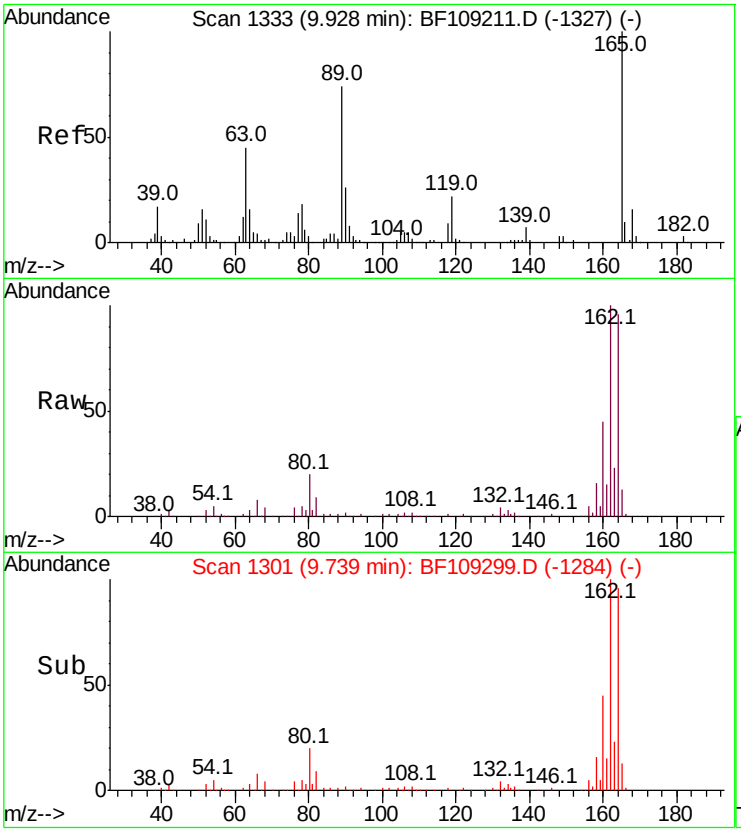


#49
Dimethylphthalate
Concen: 12.900 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109299.D
Acq: 25 Sep 2018 21:15

Tgt Ion:163 Resp: 176611

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.1	8.2	12.2



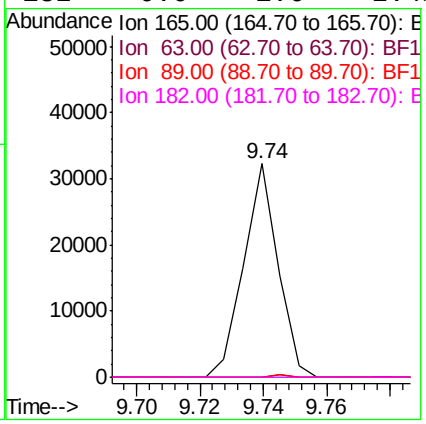


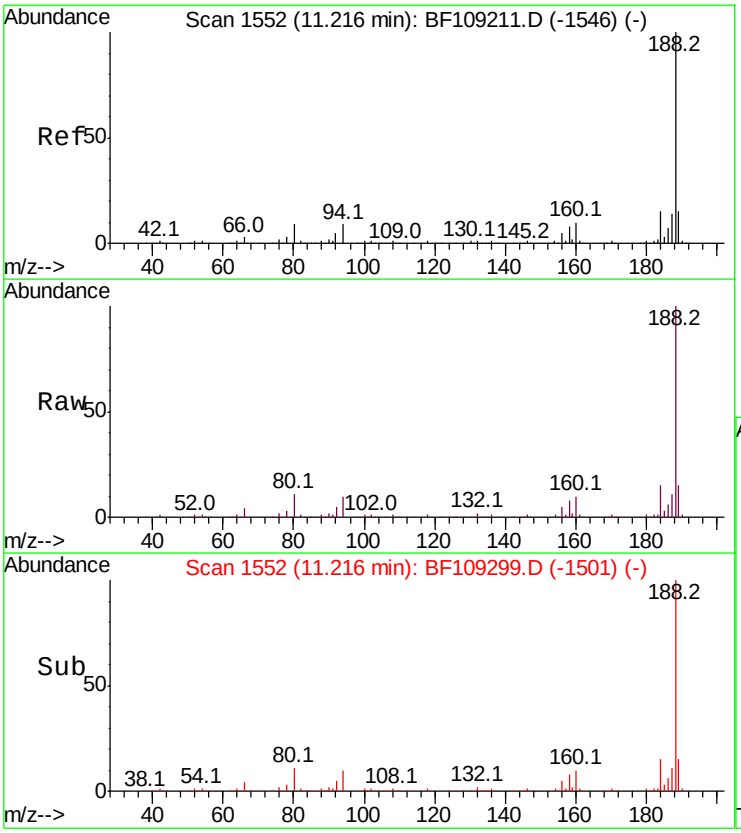
#56
2,4-Dinitrotoluene
Concen: 7.042 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.20 min
Lab File: BF109299.D
Acq: 25 Sep 2018 21:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 24162

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#

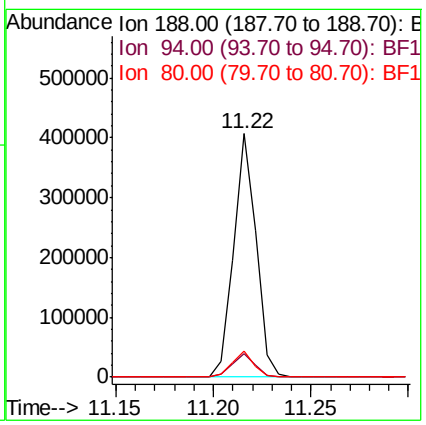


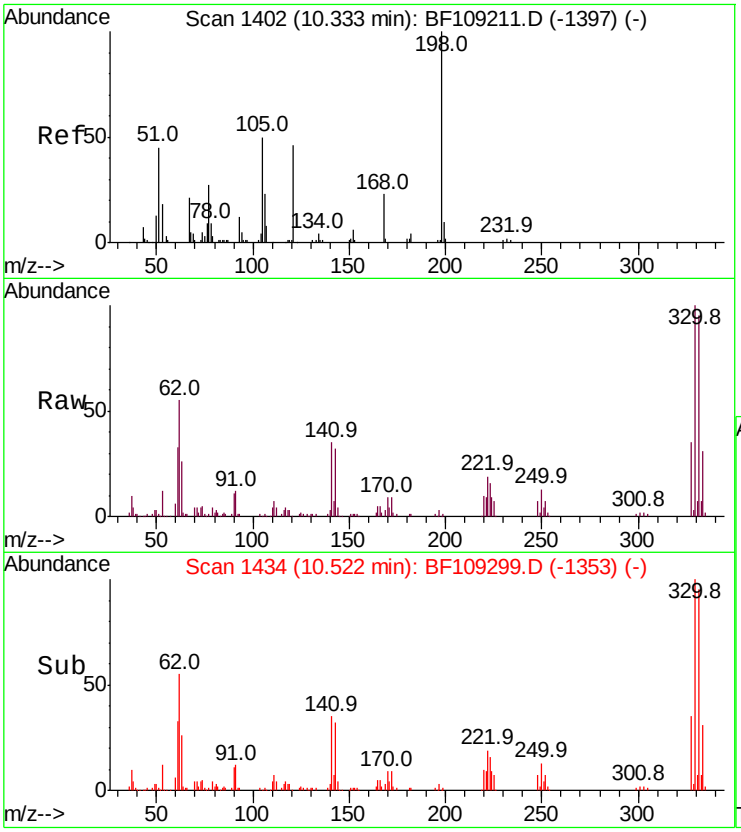


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109299.D
Acq: 25 Sep 2018 21:15

Tgt Ion:188 Resp: 325360

Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.5	9.2	13.8



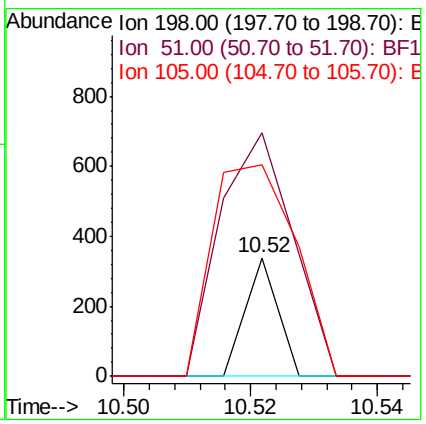


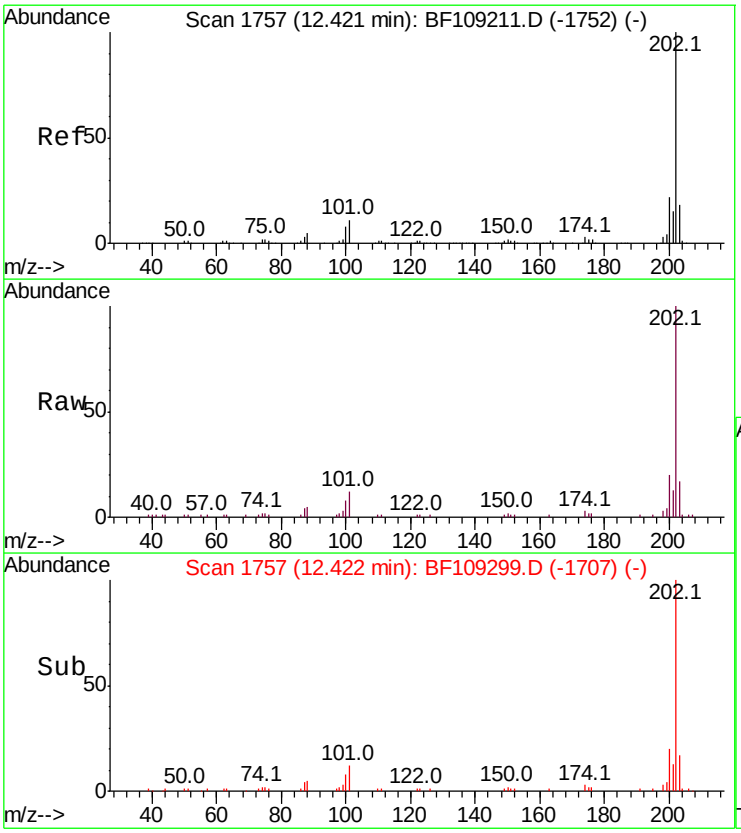
#64
4,6-Dinitro-2-methylphenol
Concen: 6.599 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.18 min
Lab File: BF109299.D
Acq: 25 Sep 2018 21:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 120

Ion	Ratio	Lower	Upper
198	100		
51	205.3	37.7	77.7#
105	178.5	36.3	76.3#

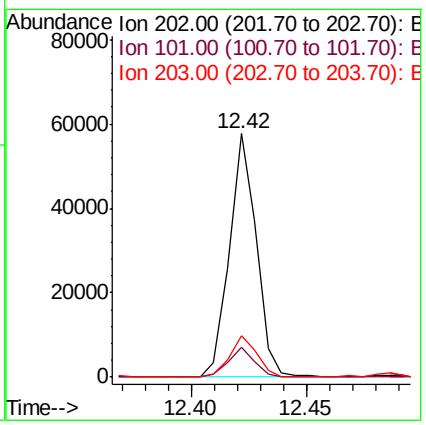


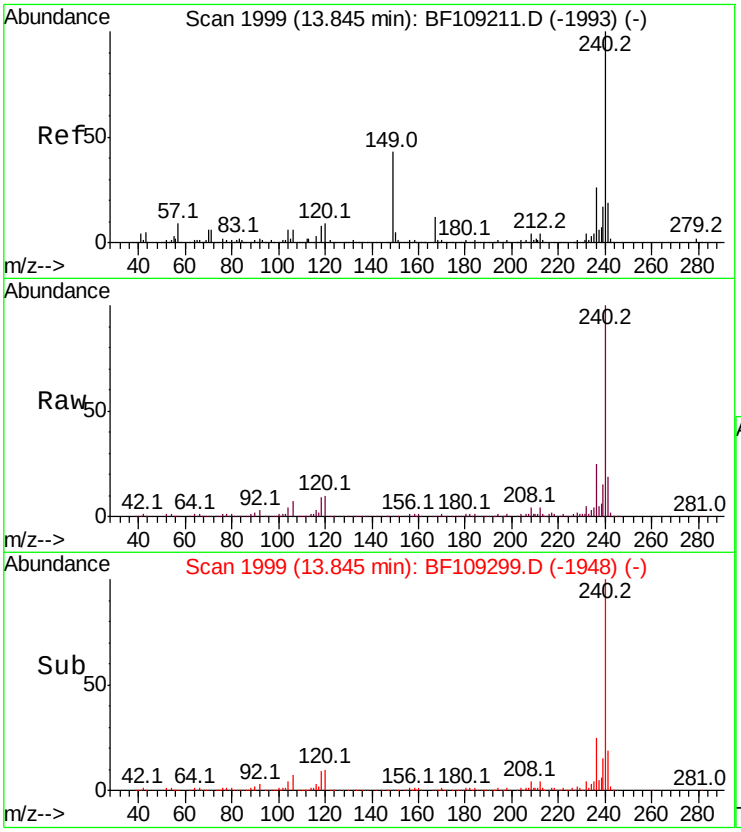


#74
Fluoranthene
Concen: 2.699 ng
RT: 12.42 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BF109299.D
Acq: 25 Sep 2018 21:15

Tgt Ion:202 Resp: 46851

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	34.1
203	17.0	0.0	38.1



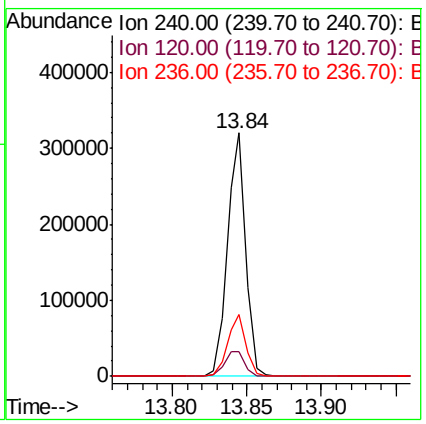


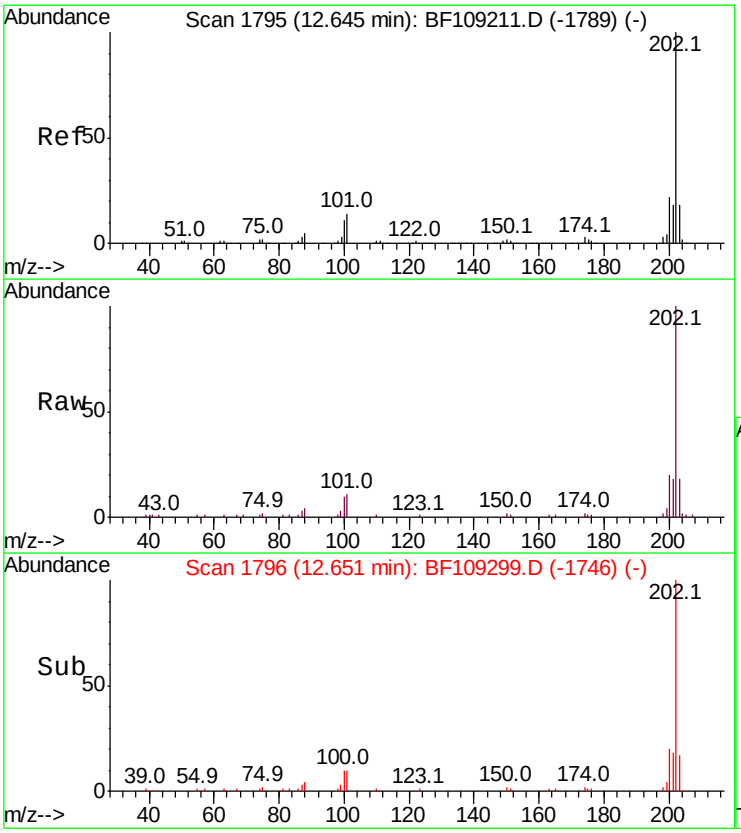
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BF109299.D
Acq: 25 Sep 2018 21:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 277139

Ion	Ratio	Lower	Upper
240	100		
120	10.0	9.5	14.3
236	25.5	20.7	31.1

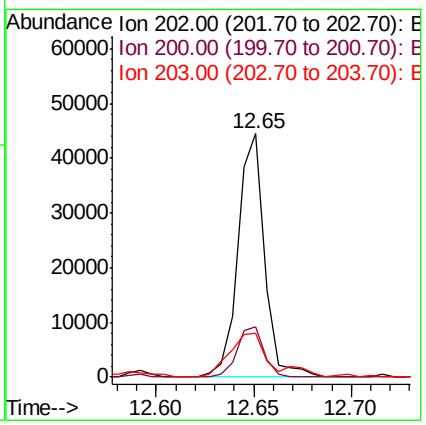


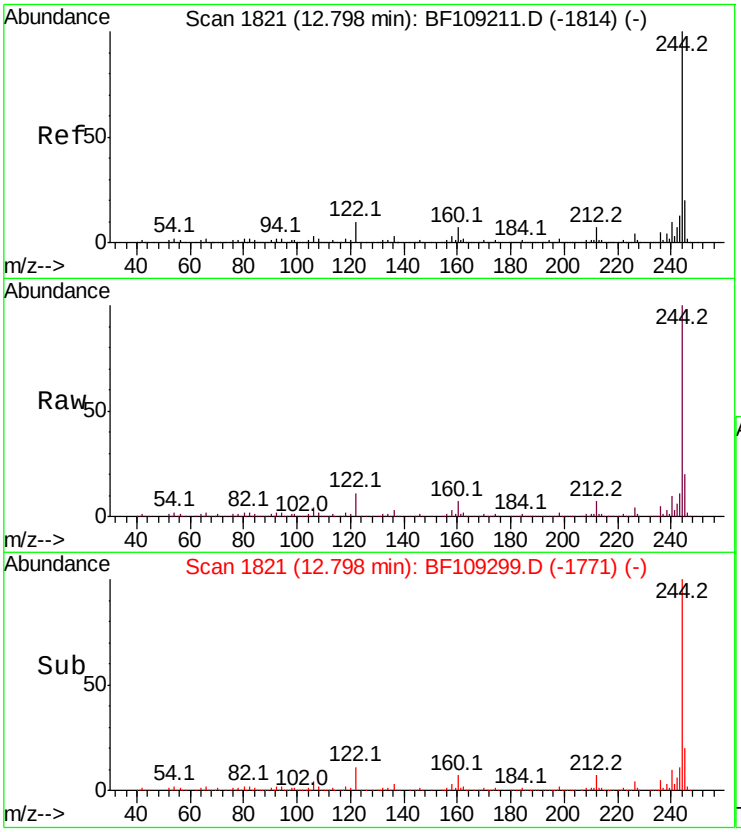


#77
Pyrene
Concen: 2.107 ng
RT: 12.65 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BF109299.D
Acq: 25 Sep 2018 21:15

Tgt Ion:202 Resp: 41848

Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.4	26.2
203	18.0	14.3	21.5



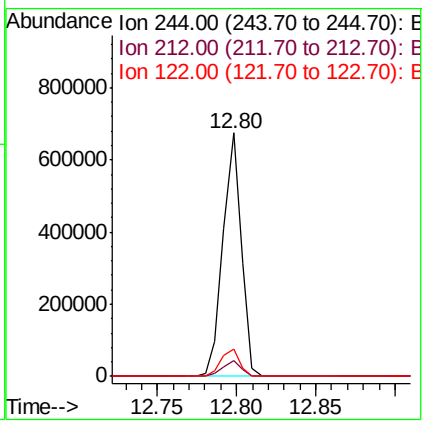


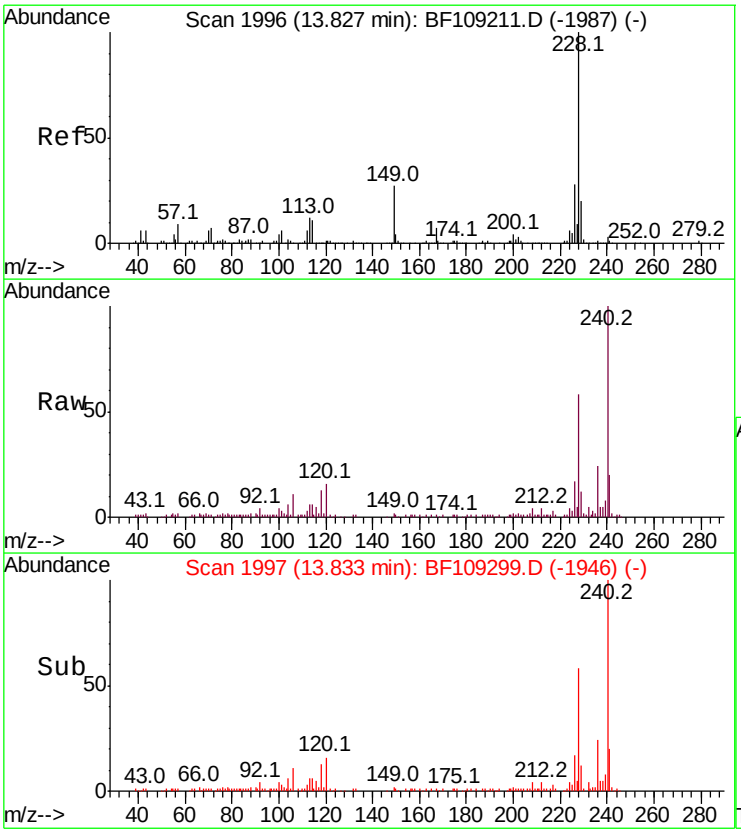
#78
Terphenyl-d14
Concen: 47.930 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF109299.D
Acq: 25 Sep 2018 21:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 541259

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	11.1	11.0	16.4

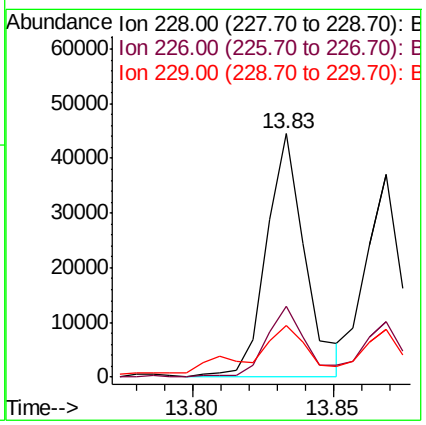


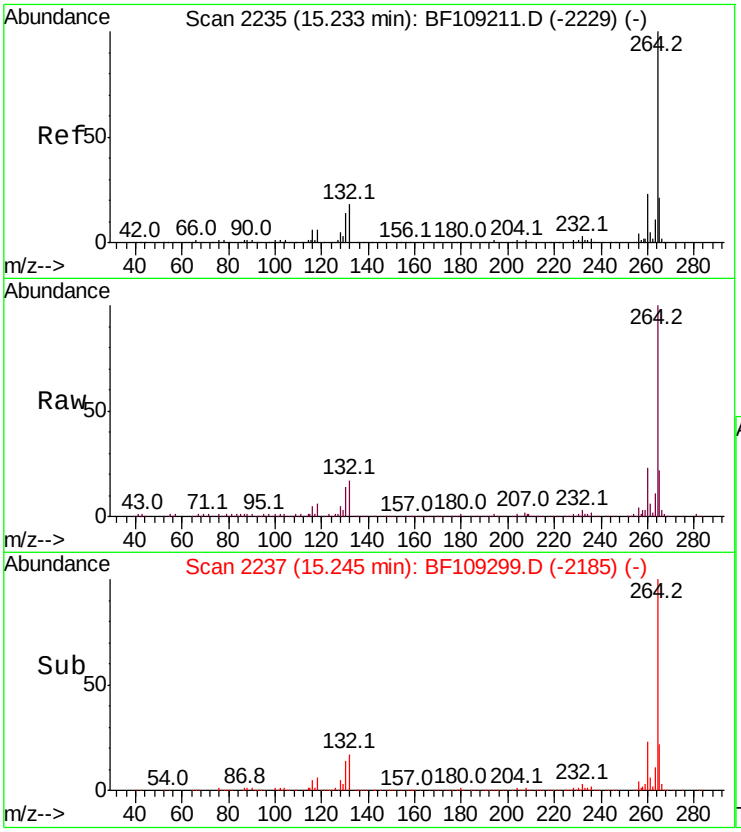


#80
Benzo(a)anthracene
Concen: 2.544 ng
RT: 13.83 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BF109299.D
Acq: 25 Sep 2018 21:15

Tgt Ion:228 Resp: 42474

Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.6	33.8
229	21.1	15.8	23.6



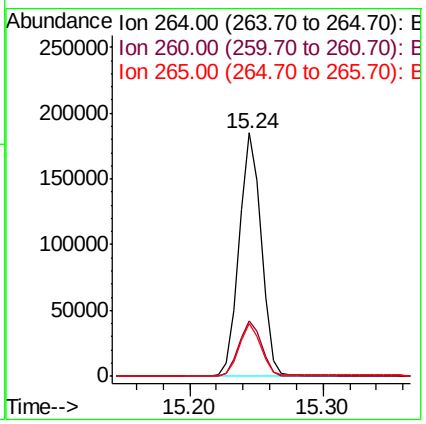


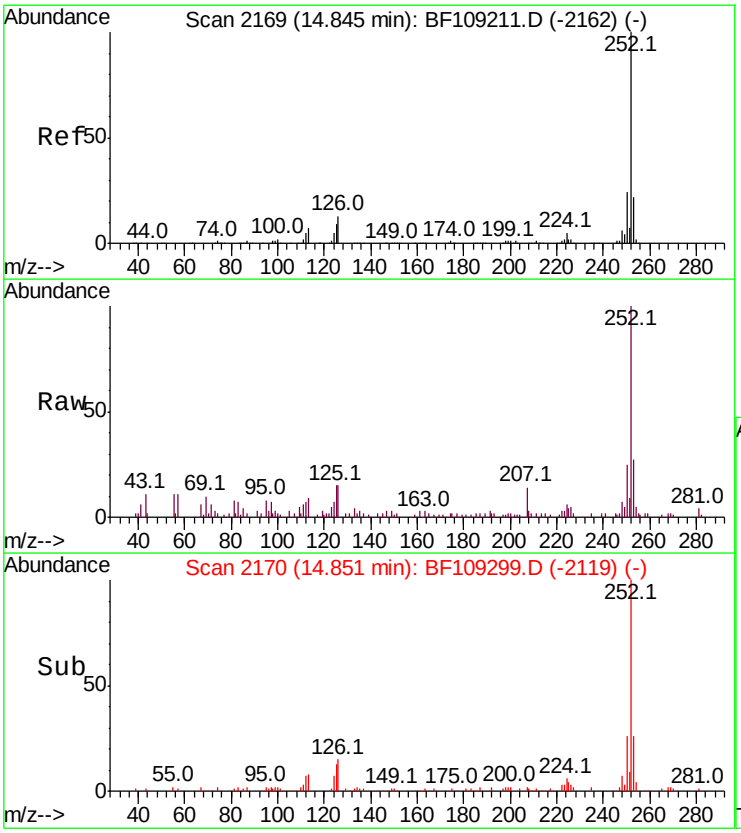
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF109299.D
Acq: 25 Sep 2018 21:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 212696

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.8	17.5	26.3

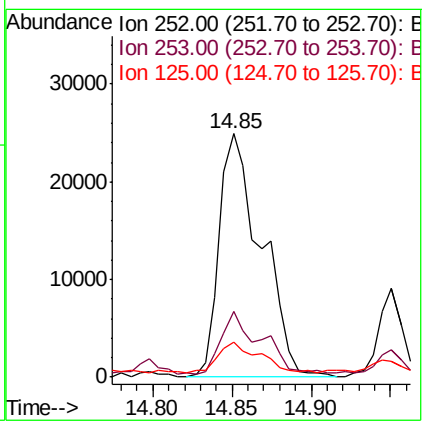


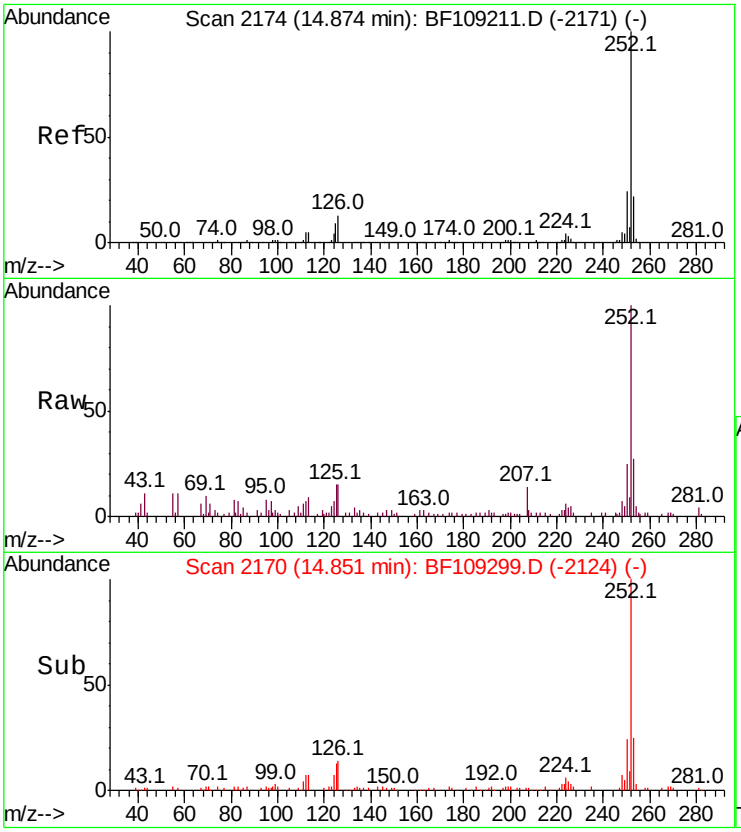


#87
Benzo(b)fluoranthene
Concen: 3.954 ng
RT: 14.85 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BF109299.D
Acq: 25 Sep 2018 21:15

Tgt Ion:252 Resp: 46208

Ion	Ratio	Lower	Upper
252	100		
253	27.0	17.0	25.6#
125	14.5	9.0	13.6#



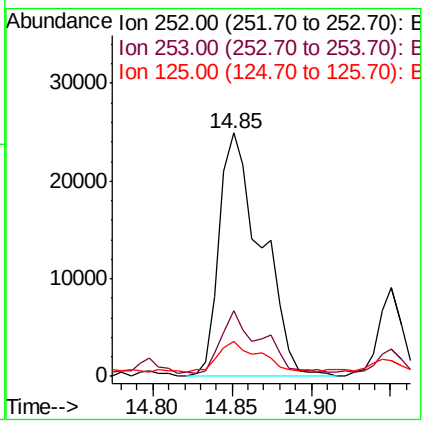


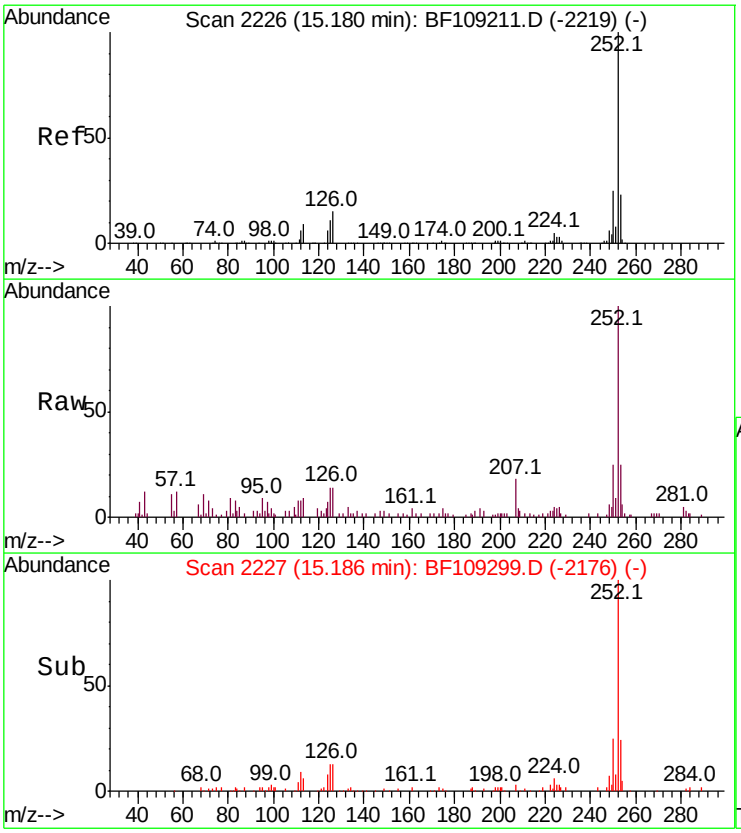
#88
Benzo(k)fluoranthene
Concen: 4.166 ng
RT: 14.85 min Scan# 2170
Delta R.T. -0.03 min
Lab File: BF109299.D
Acq: 25 Sep 2018 21:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 46208

Ion	Ratio	Lower	Upper
252	100		
253	27.0	17.9	26.9#
125	14.5	10.2	15.2





#89
Benzo(a)pyrene
Concen: 2.585 ng
RT: 15.19 min Scan# 2227
Delta R.T. 0.00 min
Lab File: BF109299.D
Acq: 25 Sep 2018 21:15

Tgt Ion:252 Resp: 27229

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.1	25.7
125	14.1	9.8	14.6