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

Quantitation Report (Not Reviewed)

Data File : BF109346.D
Acq On : 26 Sep 2018 19:29
Operator : JU/SJ
Sample : J4773-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-092518-A

Quant Time: Sep 27 05:39:17 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	107151	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	417427	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	192749	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	311205	20.00	ng	0.00
75) Chrysene-d12	13.84	240	279902	20.00	ng	0.00
86) Perylene-d12	15.24	264	244088	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	405174	62.28	ng	0.00
7) Phenol-d6	6.34	99	533779	64.30	ng	-0.02
23) Nitrobenzene-d5	7.26	82	327705	46.34	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	119445	62.86	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	590997	46.24	ng	-0.01
78) Terphenyl-d14	12.79	244	446447	39.14	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.26	70	43061	7.916	ng	# 77
25) Isophorone	7.26	82	306688	24.085	ng	# 64
49) Dimethylphthalate	9.46	163	201240	14.355	ng	98
56) 2,4-Dinitrotoluene	9.73	165	24458	6.962	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.52	198	119	6.602	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	7213	2.087	ng	# 1
70) Phenanthrene	11.23	178	59073	3.802	ng	98
74) Fluoranthene	12.42	202	119575	7.201	ng	95
77) Pyrene	12.65	202	126425	6.302	ng	99
80) Benzo(a)anthracene	13.83	228	68000	4.033	ng	97
82) Chrysene	13.86	228	61826	3.700	ng	95
87) Benzo(b)fluoranthene	14.84	252	90588	6.754	ng	94
88) Benzo(k)fluoranthene	14.84	252	90588	7.118	ng	97
89) Benzo(a)pyrene	15.18	252	48875	4.044	ng	96
91) Benzo(g,h,i)perylene	16.99	276	22156	2.274	ng	91

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

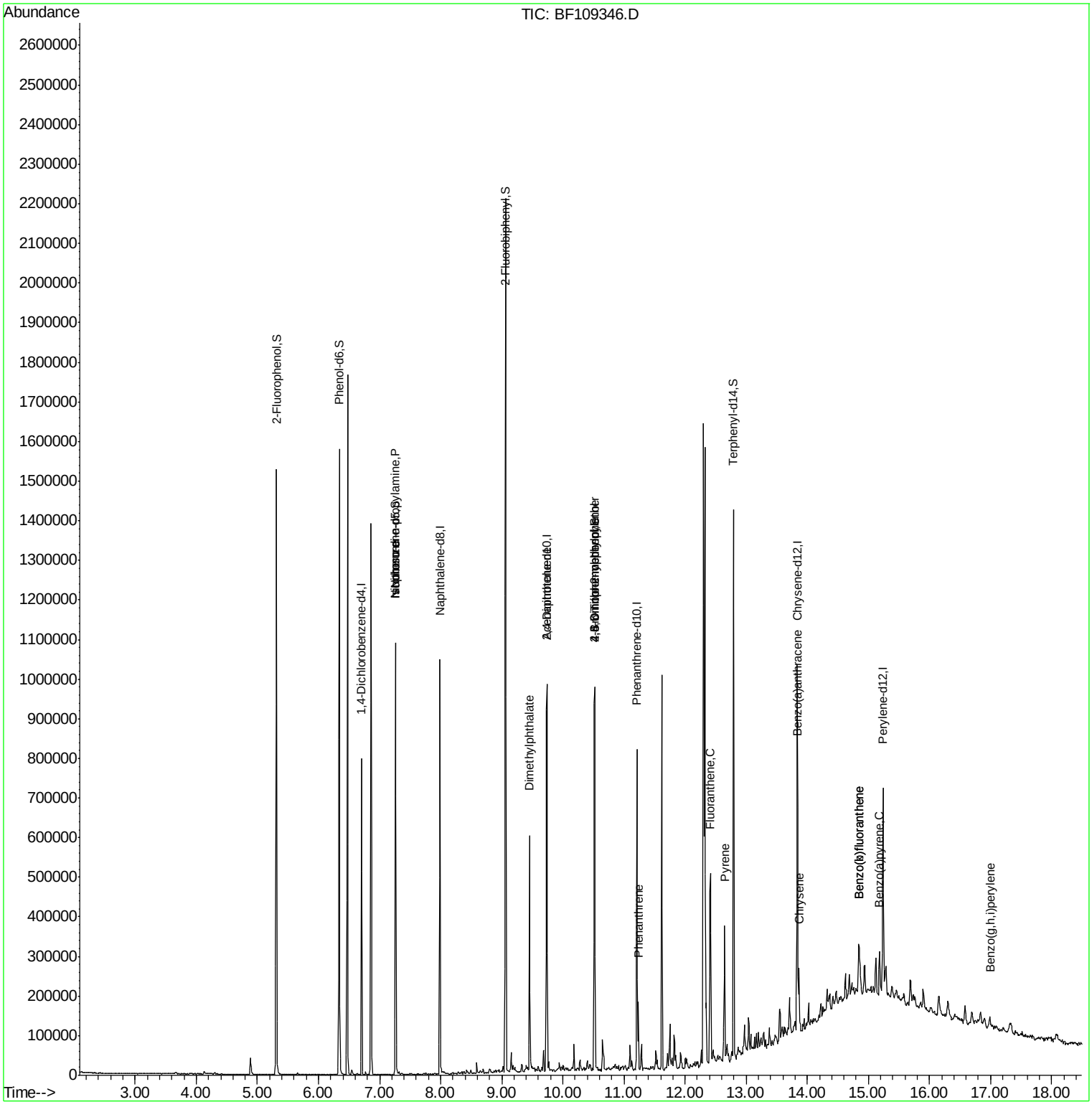
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092618\

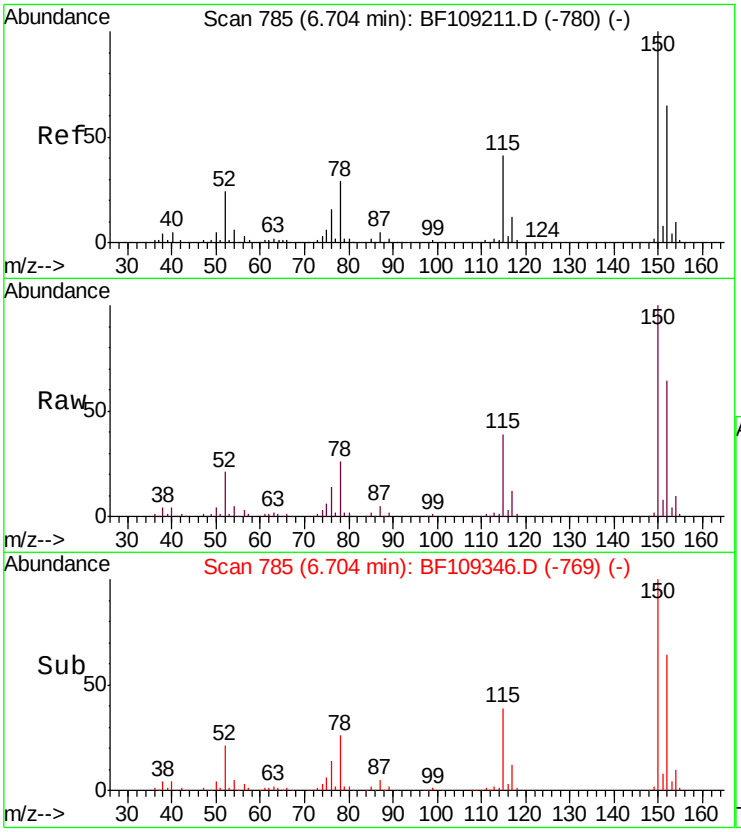
Quantitation Report (Not Reviewed)

Data File : BF109346.D
Acq On : 26 Sep 2018 19:29
Operator : JU/SJ
Sample : J4773-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-02-092518-A

Quant Time: Sep 27 05:39:17 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



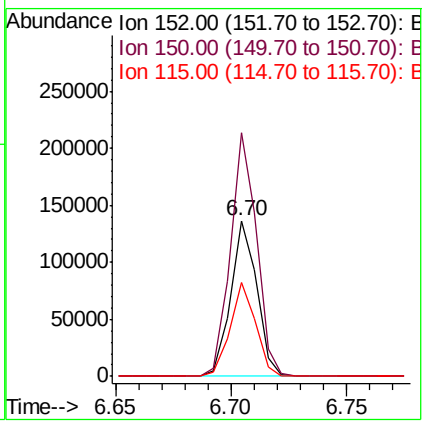


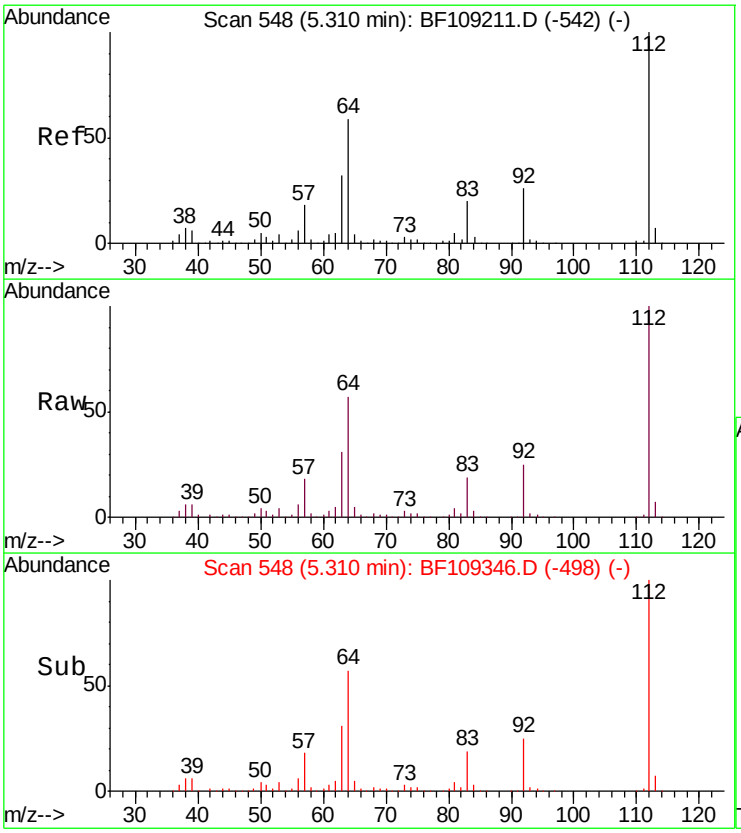
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109346.D
Acq: 26 Sep 2018 19:29

Instrument :
BNA_F
ClientSampleId :
CL-02-092518-A

Tgt Ion:152 Resp: 107151

Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.6	186.8
115	60.5	50.1	75.1

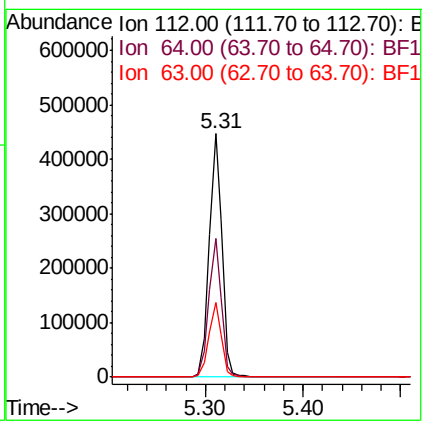


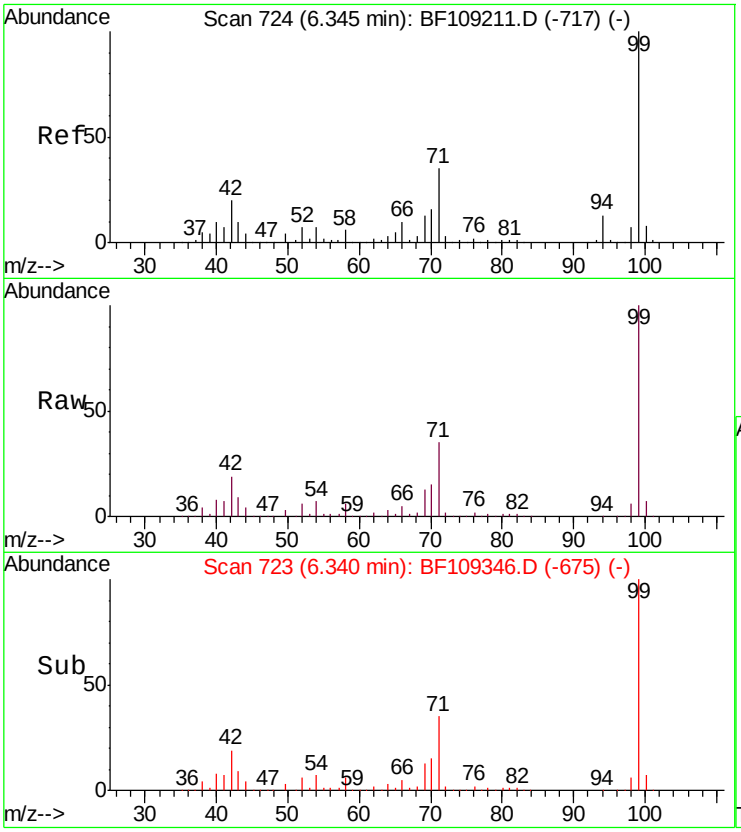


#5
2-Fluorophenol
Concen: 62.282 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109346.D
Acq: 26 Sep 2018 19:29

Tgt Ion:112 Resp: 405174

Ion	Ratio	Lower	Upper
112	100		
64	57.2	47.9	71.9
63	30.6	23.7	35.5



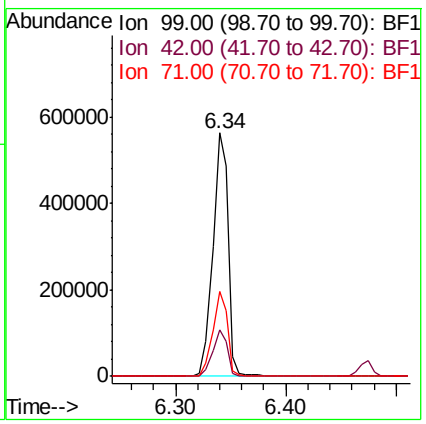


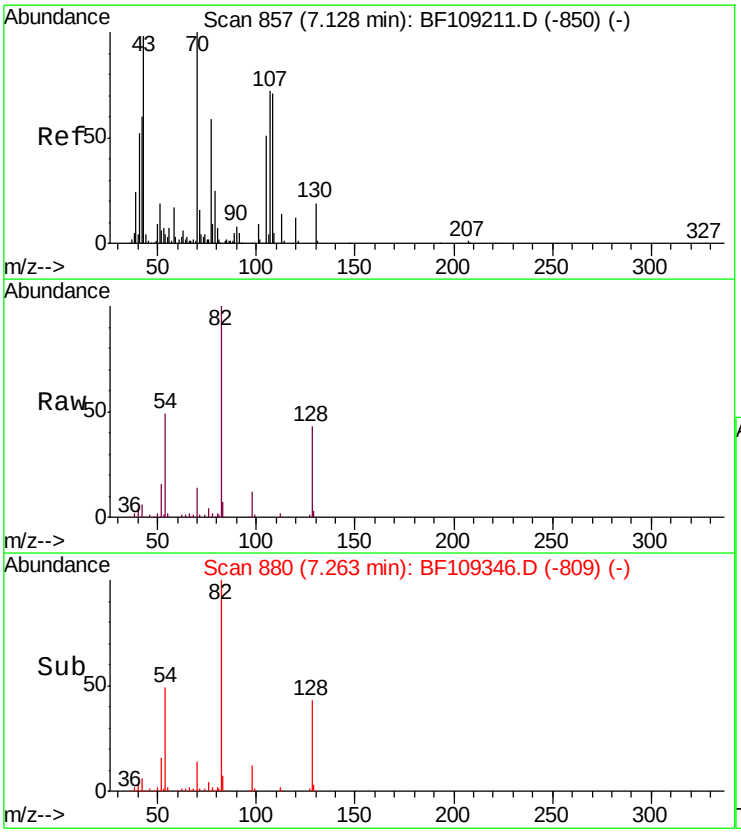
#7
Phenol-d6
Concen: 64.301 ng
RT: 6.34 min Scan# 723
Delta R.T. -0.02 min
Lab File: BF109346.D
Acq: 26 Sep 2018 19:29

Instrument :
BNA_F
ClientSampleId :
CL-02-092518-A

Tgt Ion: 99 Resp: 533779

Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.5	21.7
71	35.1	25.4	38.0

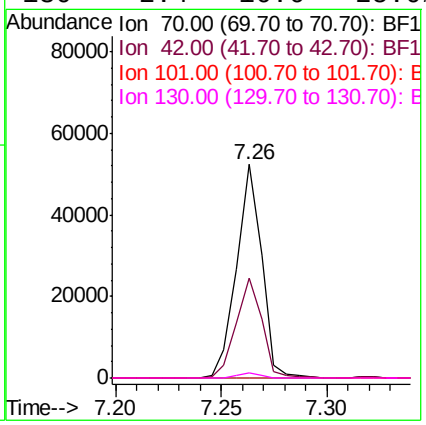


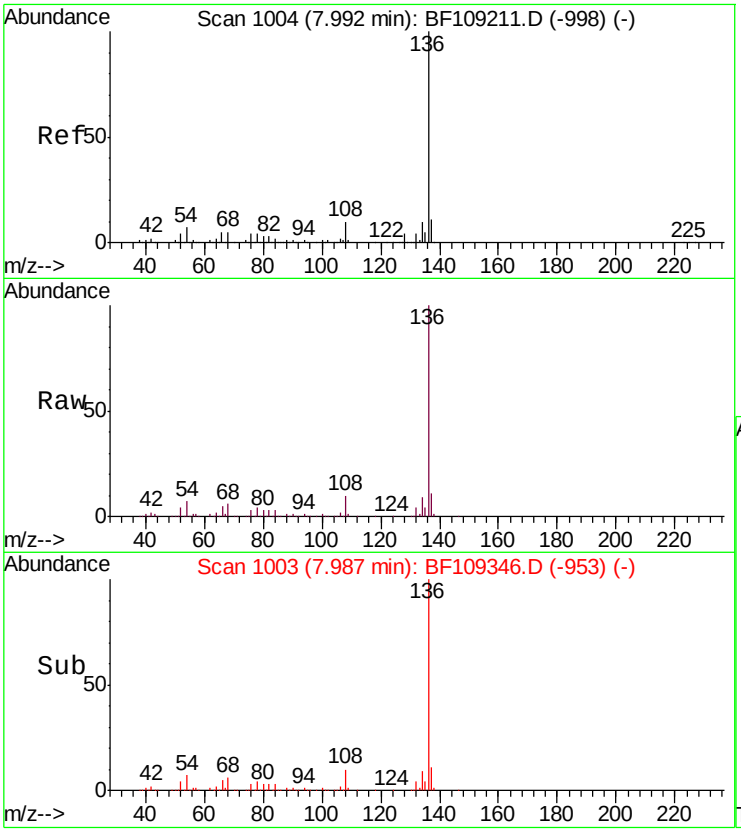


#19
n-Nitroso-di-n-propylamine
Concen: 7.916 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.12 min
Lab File: BF109346.D
Acq: 26 Sep 2018 19:29

Tgt Ion: 70 Resp: 43061

Ion	Ratio	Lower	Upper
70	100		
42	46.7	47.5	71.3#
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#



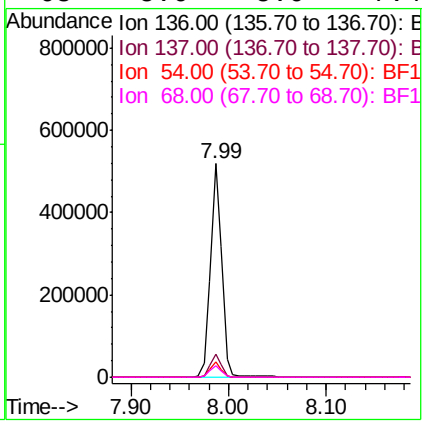


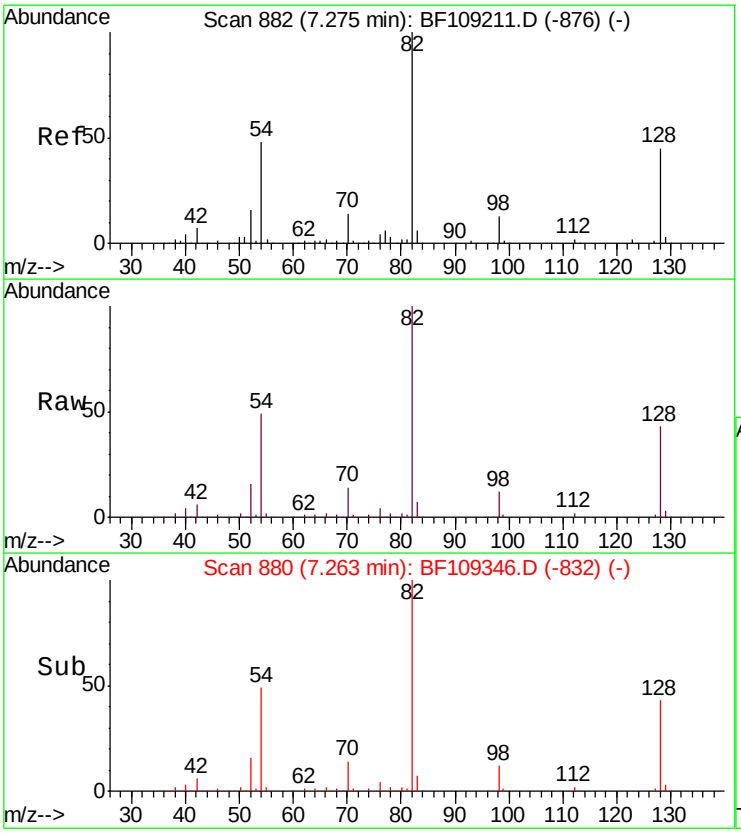
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109346.D
Acq: 26 Sep 2018 19:29

Instrument :
BNA_F
ClientSampleId :
CL-02-092518-A

Tgt Ion:136 Resp: 417427

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.1	6.6	9.8
68	5.6	5.0	7.4

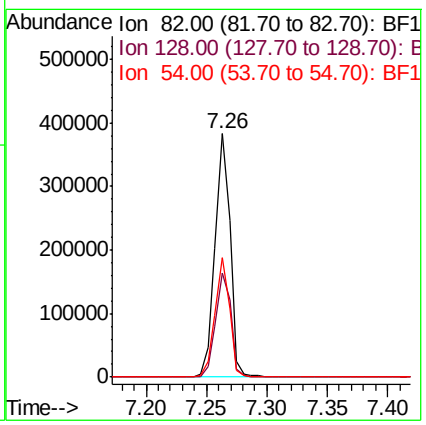


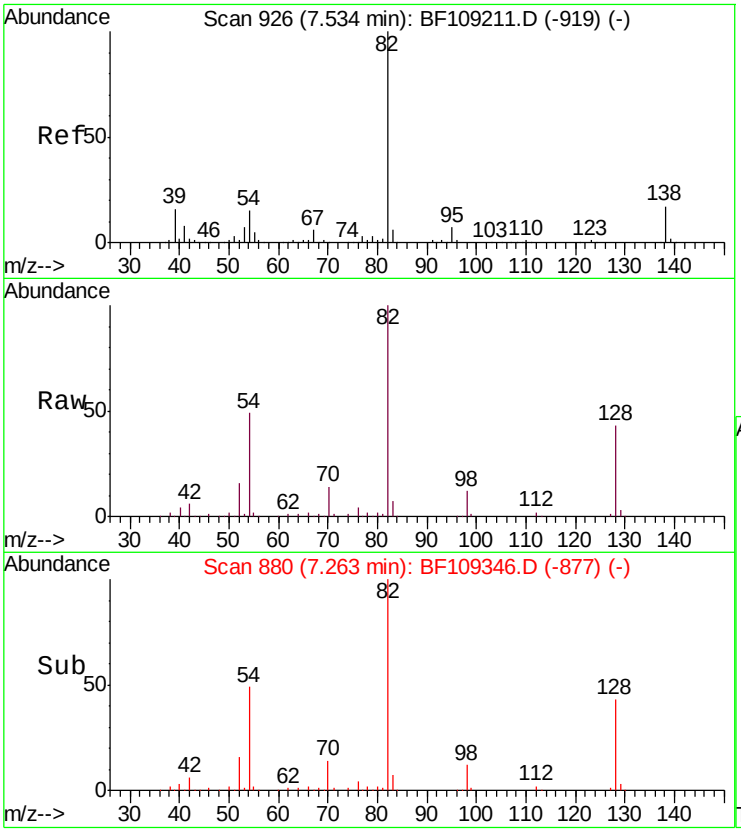


#23
Nitrobenzene-d5
Concen: 46.343 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF109346.D
Acq: 26 Sep 2018 19:29

Tgt Ion: 82 Resp: 327705

Ion	Ratio	Lower	Upper
82	100		
128	42.6	36.1	54.1
54	49.1	41.4	62.2



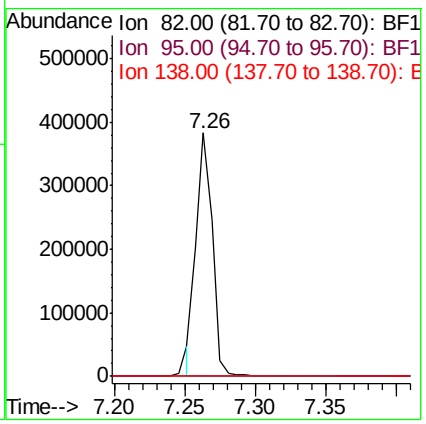


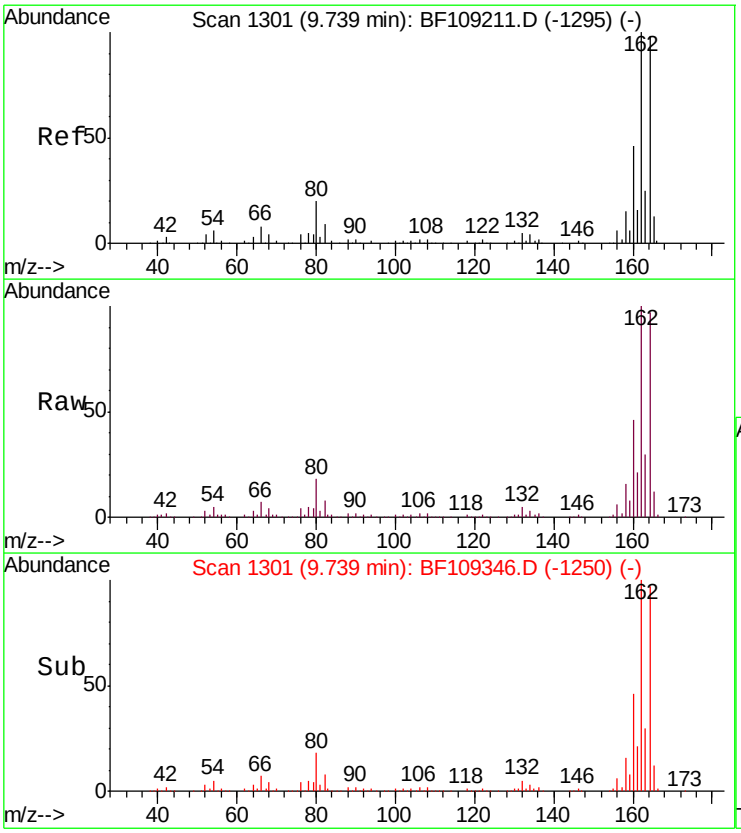
#25
Isophorone
Concen: 24.085 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.28 min
Lab File: BF109346.D
Acq: 26 Sep 2018 19:29

Instrument :
BNA_F
ClientSampleId :
CL-02-092518-A

Tgt Ion: 82 Resp: 306688

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

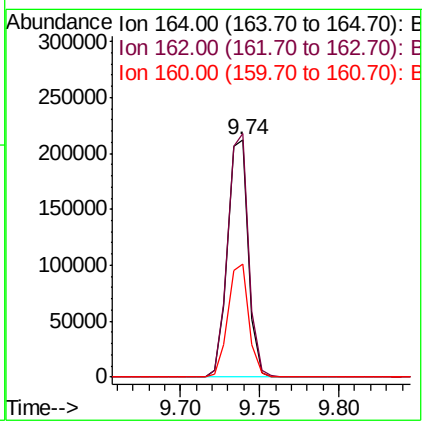


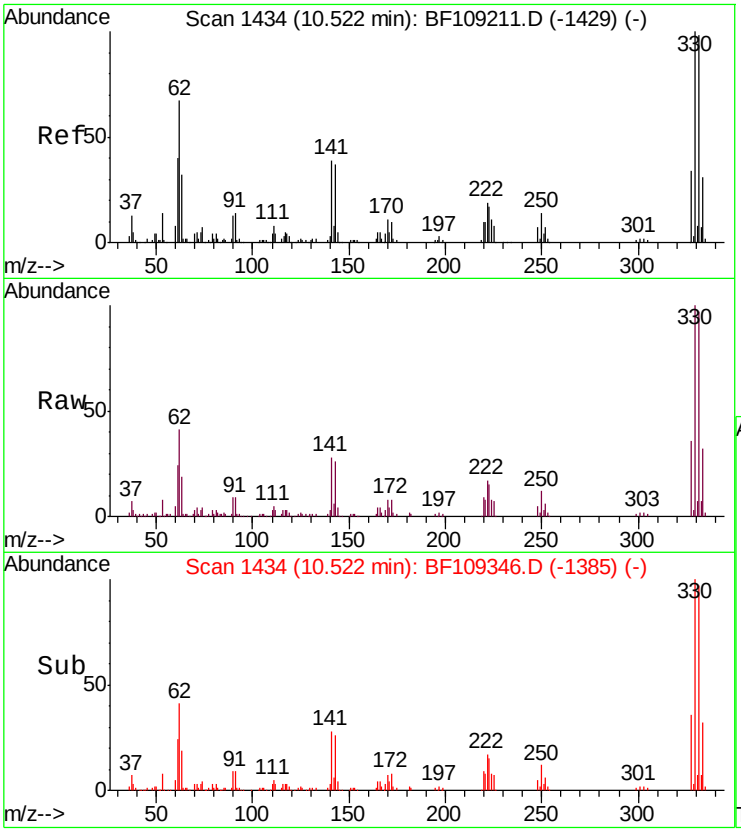


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF109346.D
Acq: 26 Sep 2018 19:29

Tgt Ion:164 Resp: 192749

Ion	Ratio	Lower	Upper
164	100		
162	102.6	86.1	129.1
160	47.5	38.3	57.5



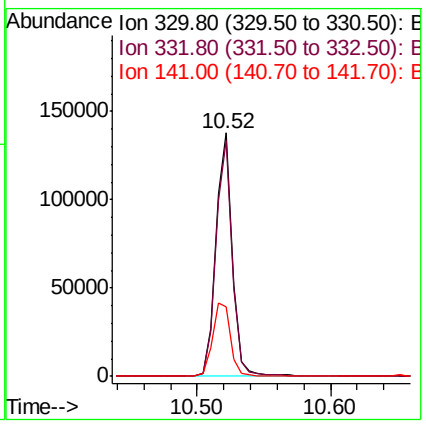


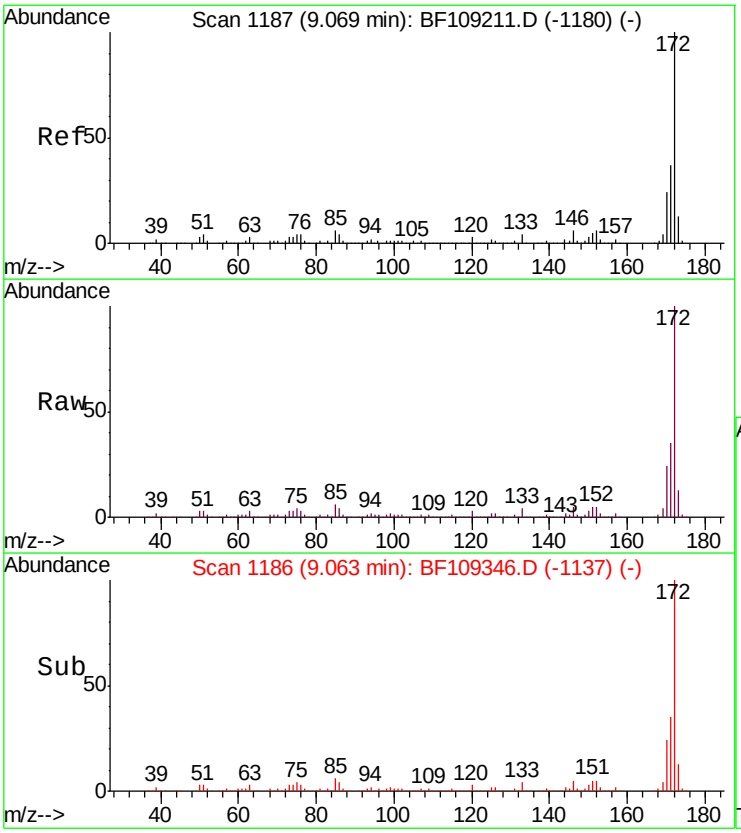
#41
2,4,6-Tribromophenol
Concen: 62.862 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF109346.D
Acq: 26 Sep 2018 19:29

Instrument :
BNA_F
ClientSampleId :
CL-02-092518-A

Tgt Ion:330 Resp: 119445

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	33.5	29.9	44.9

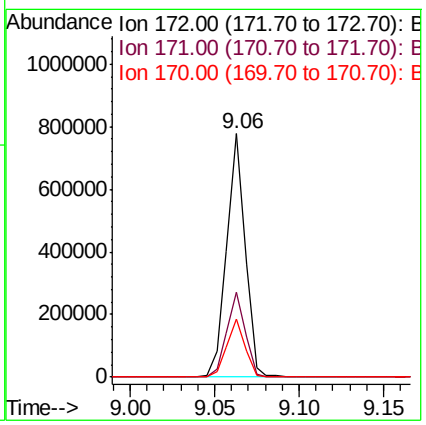


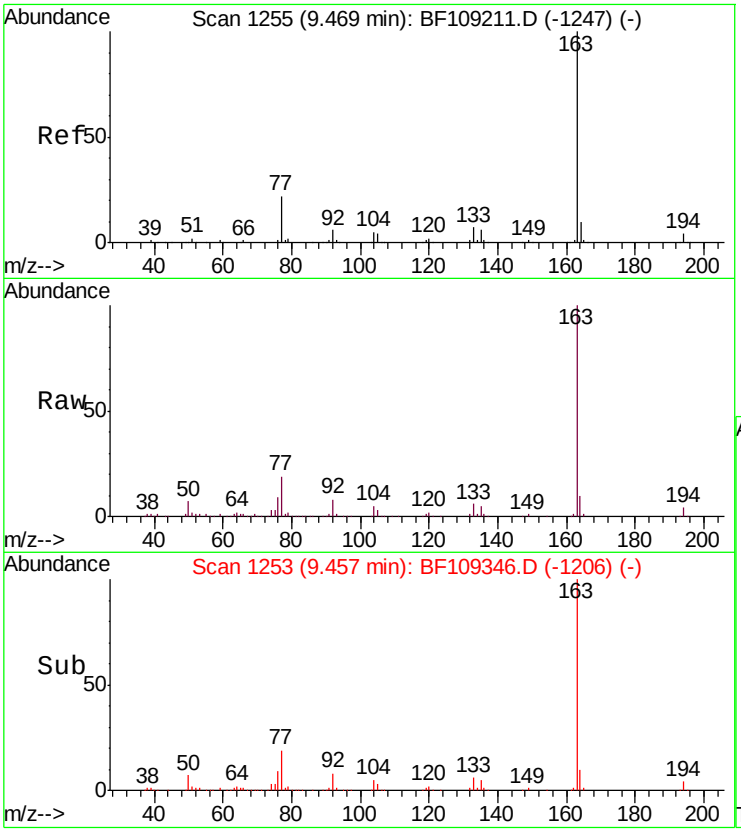


#44
2-Fluorobiphenyl
Concen: 46.243 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109346.D
Acq: 26 Sep 2018 19:29

Tgt Ion:172 Resp: 590997

Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.7	44.5
170	23.7	19.6	29.4



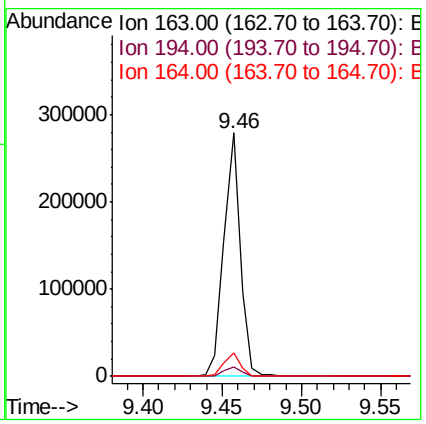


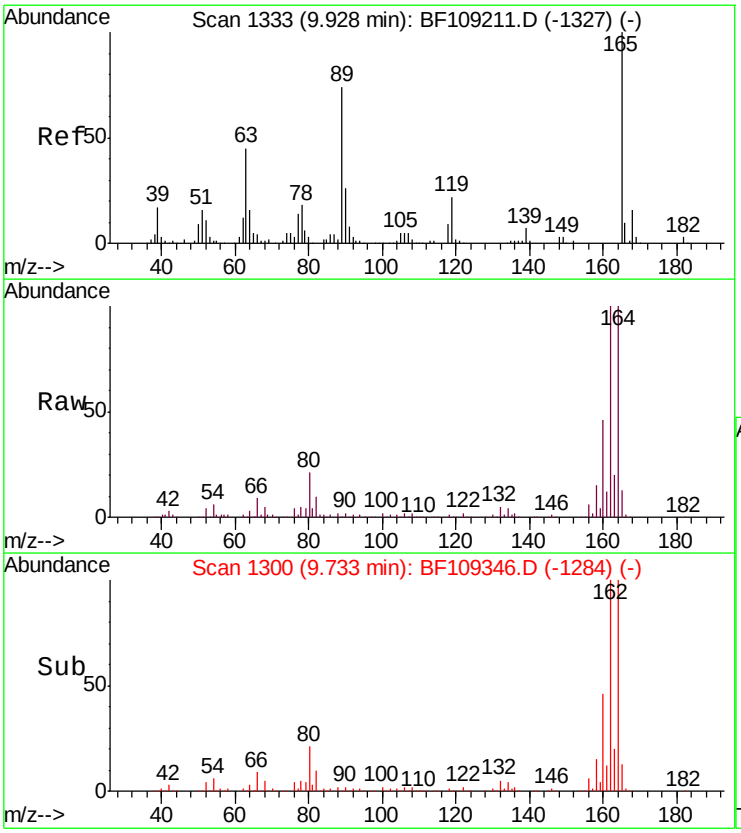
#49
Dimethylphthalate
Concen: 14.355 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109346.D
Acq: 26 Sep 2018 19:29

Instrument :
BNA_F
ClientSampleId :
CL-02-092518-A

Tgt Ion:163 Resp: 201240

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	9.6	8.2	12.2

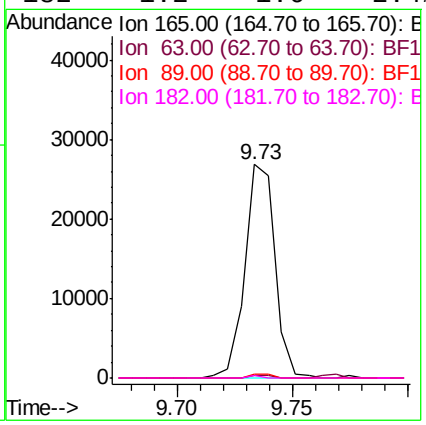


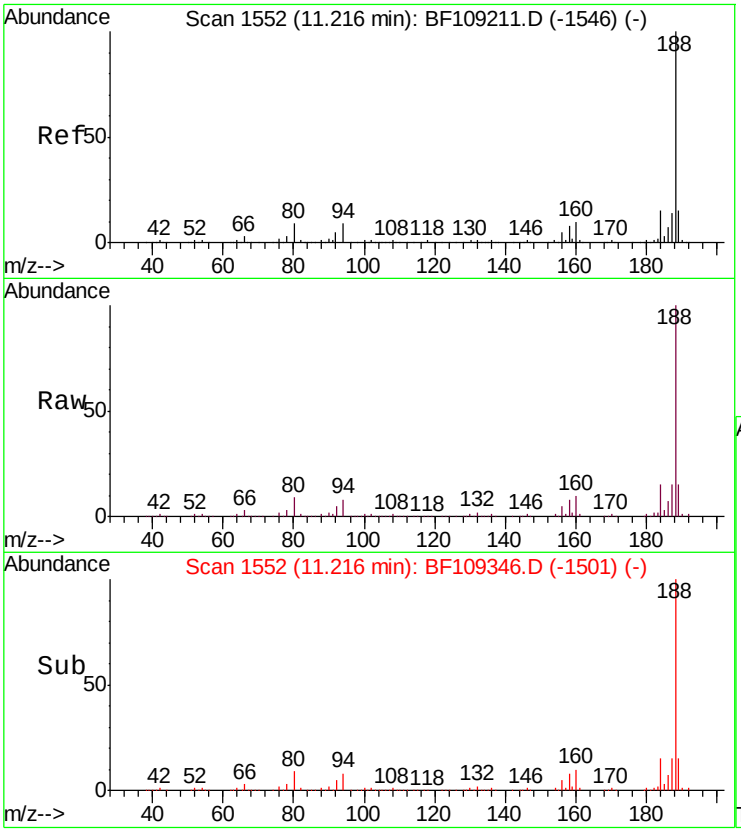


#56
2,4-Dinitrotoluene
Concen: 6.962 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.21 min
Lab File: BF109346.D
Acq: 26 Sep 2018 19:29

Tgt Ion:165 Resp: 24458

Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	2.1	57.8	86.6#
182	1.2	1.6	2.4#



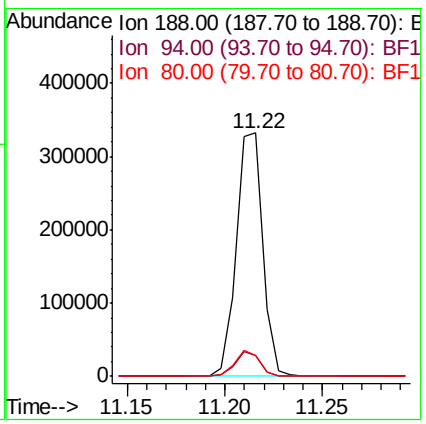


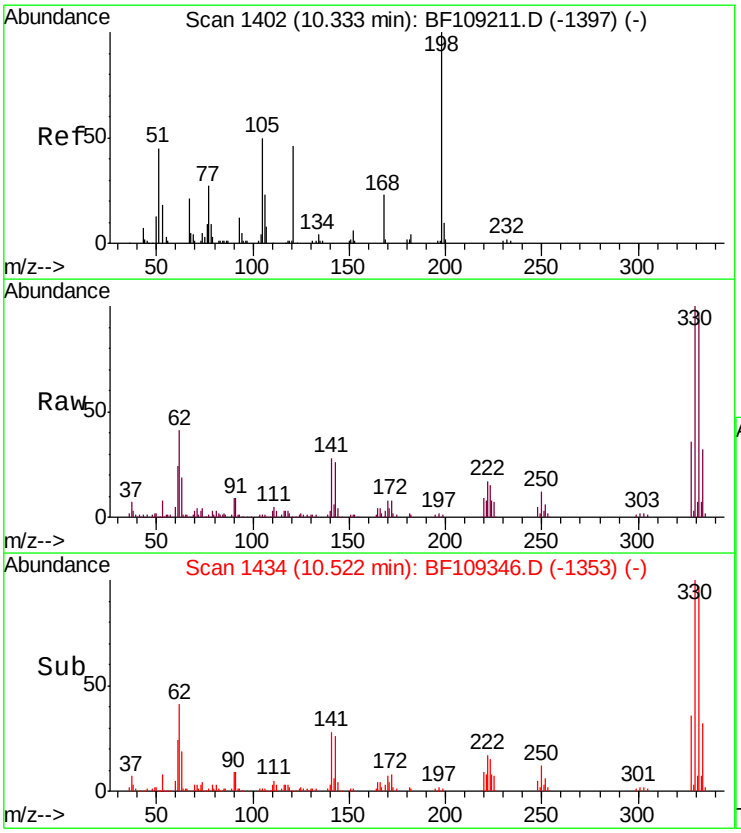
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109346.D
Acq: 26 Sep 2018 19:29

Instrument :
BNA_F
ClientSampleId :
CL-02-092518-A

Tgt Ion:188 Resp: 311205

Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.5	12.7#
80	8.8	9.2	13.8#

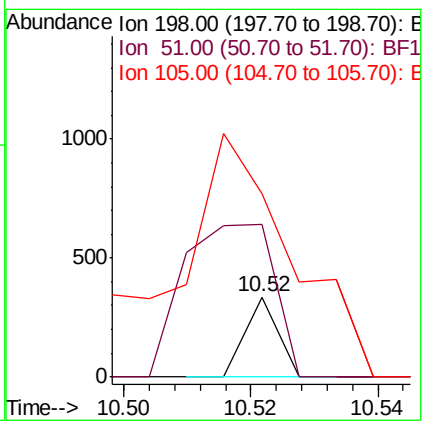


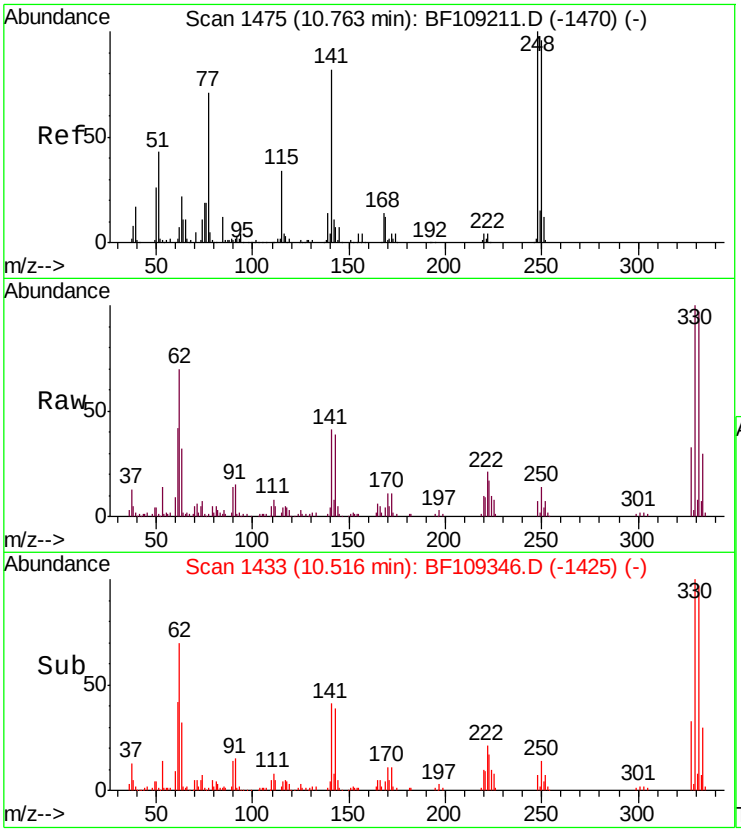


#64
4,6-Dinitro-2-methylphenol
Concen: 6.602 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.18 min
Lab File: BF109346.D
Acq: 26 Sep 2018 19:29

Tgt Ion:198 Resp: 119

Ion	Ratio	Lower	Upper
198	100		
51	190.5	37.7	77.7#
105	228.8	36.3	76.3#



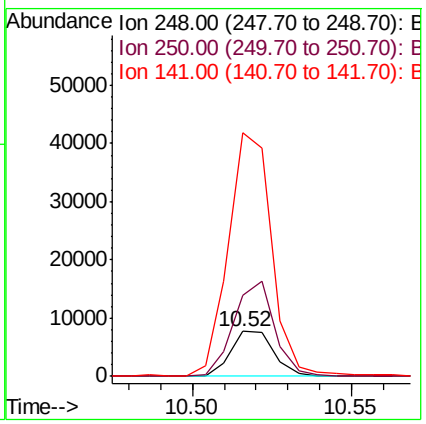


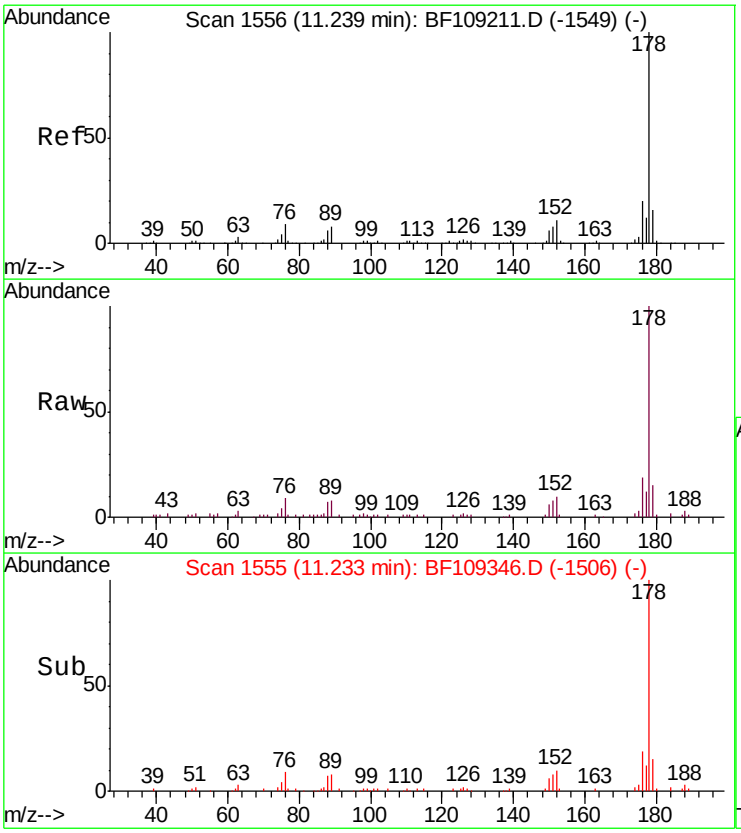
#66
4-Bromophenyl-phenylether
Concen: 2.087 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.25 min
Lab File: BF109346.D
Acq: 26 Sep 2018 19:29

Instrument :
BNA_F
ClientSampleId :
CL-02-092518-A

Tgt Ion:248 Resp: 7213

Ion	Ratio	Lower	Upper
248	100		
250	182.2	76.9	115.3#
141	545.1	74.4	111.6#

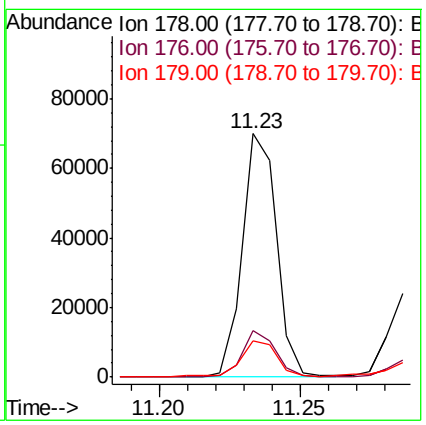


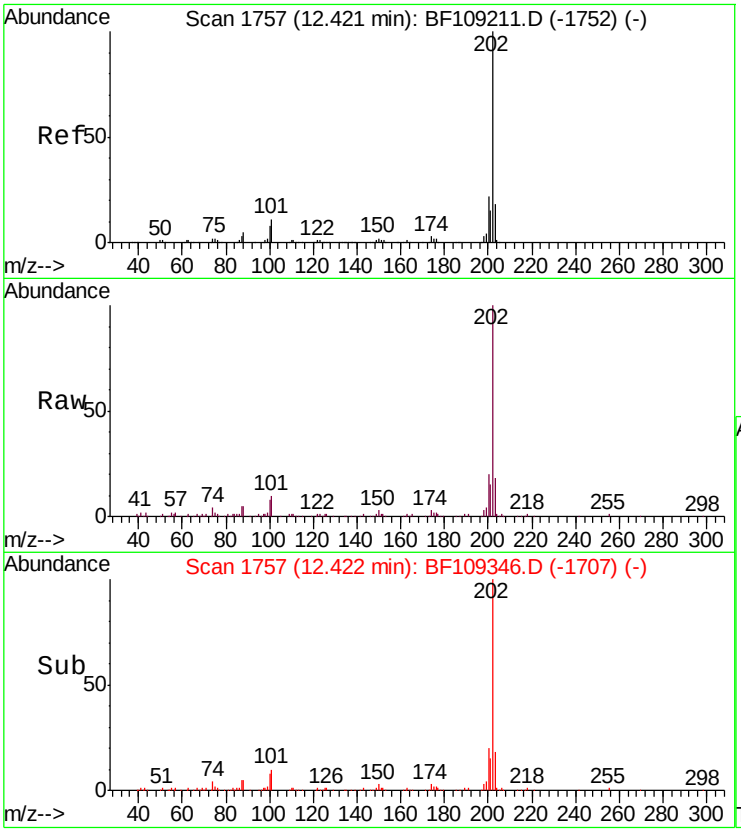


#70
Phenanthrene
Concen: 3.802 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF109346.D
Acq: 26 Sep 2018 19:29

Tgt Ion:178 Resp: 59073

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	15.1	13.0	19.6



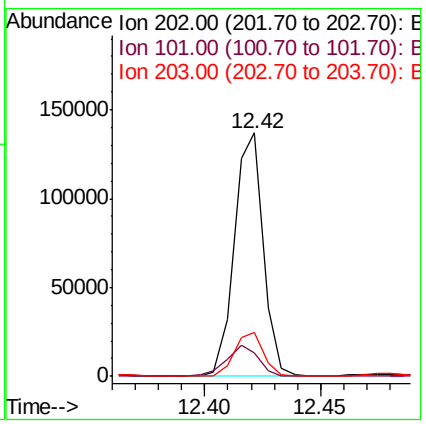


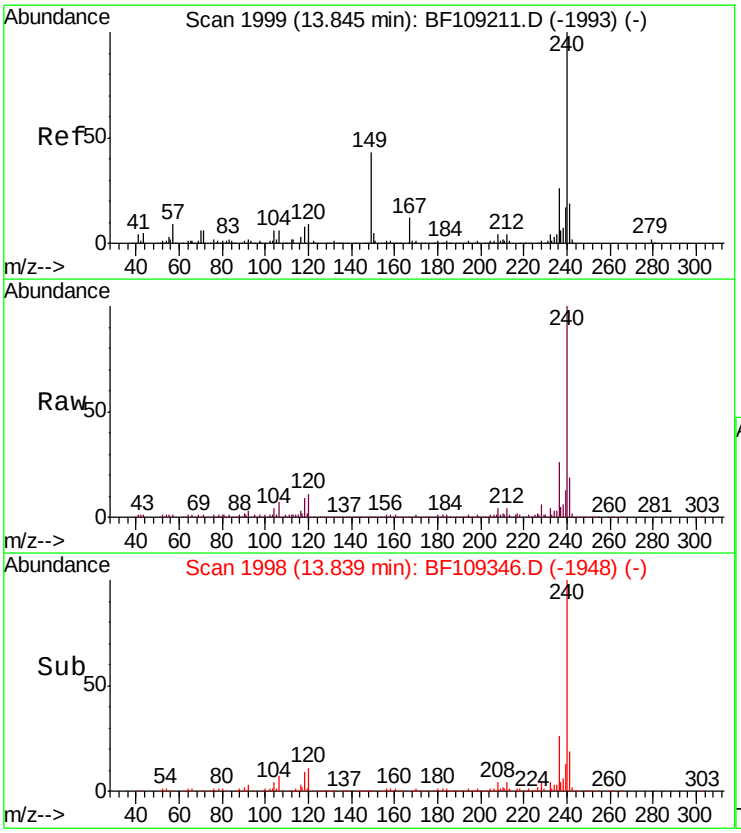
#74
Fluoranthene
Concen: 7.201 ng
RT: 12.42 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BF109346.D
Acq: 26 Sep 2018 19:29

Instrument :
BNA_F
ClientSampleId :
CL-02-092518-A

Tgt Ion:202 Resp: 119575

Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	34.1
203	17.8	0.0	38.1

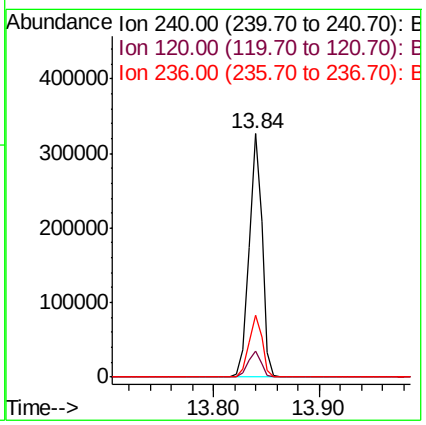


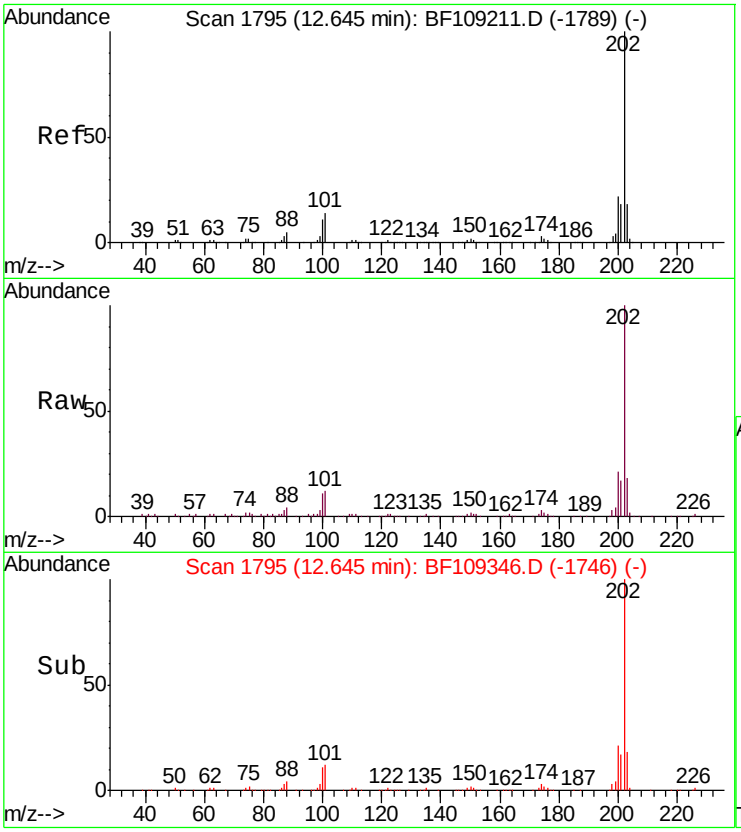


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109346.D
Acq: 26 Sep 2018 19:29

Tgt Ion:240 Resp: 279902

Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.5	14.3
236	25.6	20.7	31.1



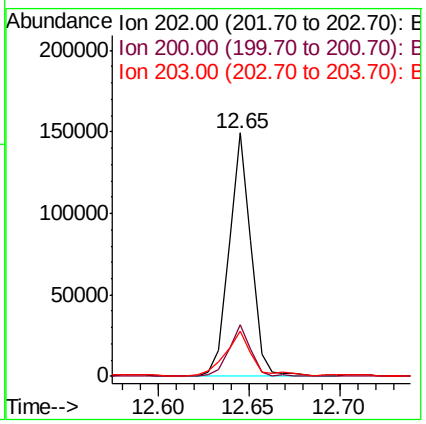


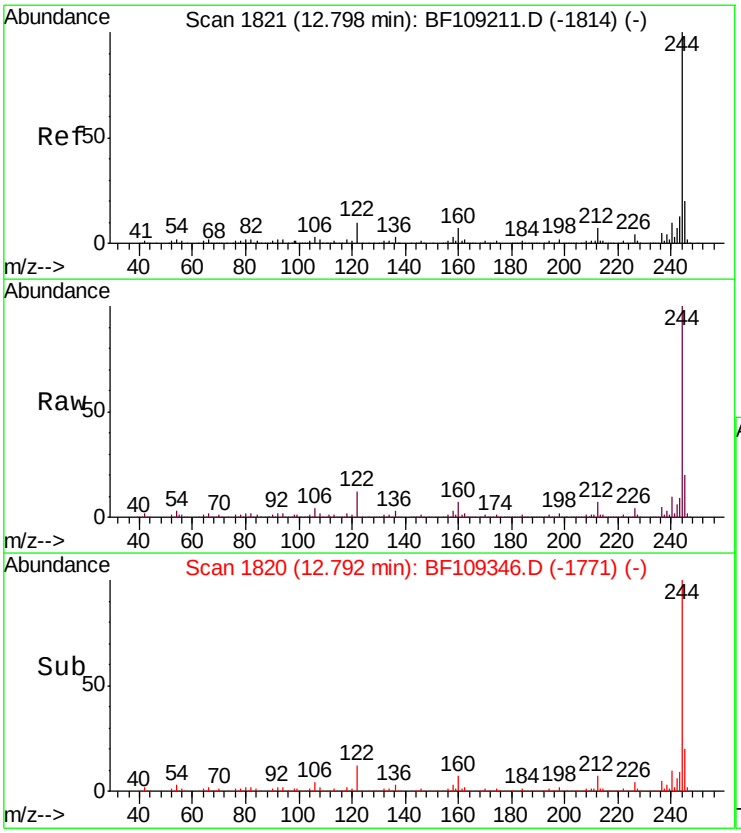
#77
Pyrene
Concen: 6.302 ng
RT: 12.65 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BF109346.D
Acq: 26 Sep 2018 19:29

Instrument :
BNA_F
ClientSampleId :
CL-02-092518-A

Tgt Ion:202 Resp: 126425

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.4	26.2
203	18.4	14.3	21.5

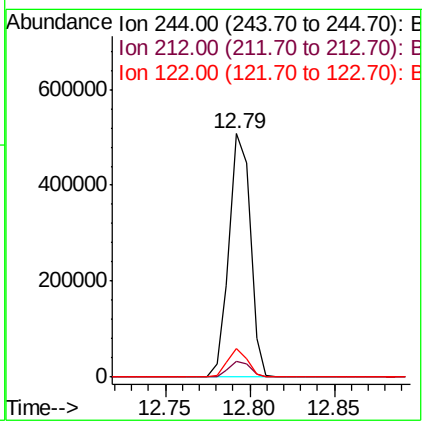


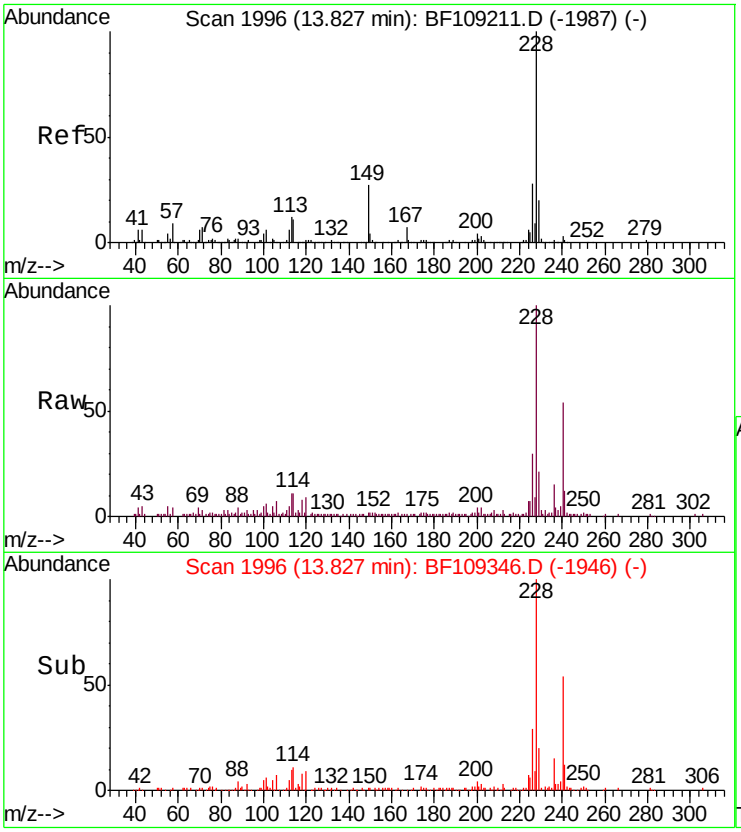


#78
Terphenyl-d14
Concen: 39.144 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF109346.D
Acq: 26 Sep 2018 19:29

Tgt Ion:244 Resp: 446447

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	11.8	11.0	16.4



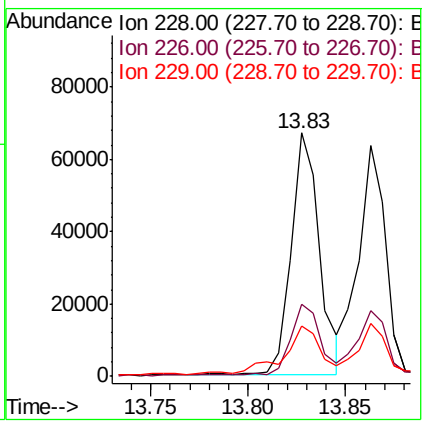


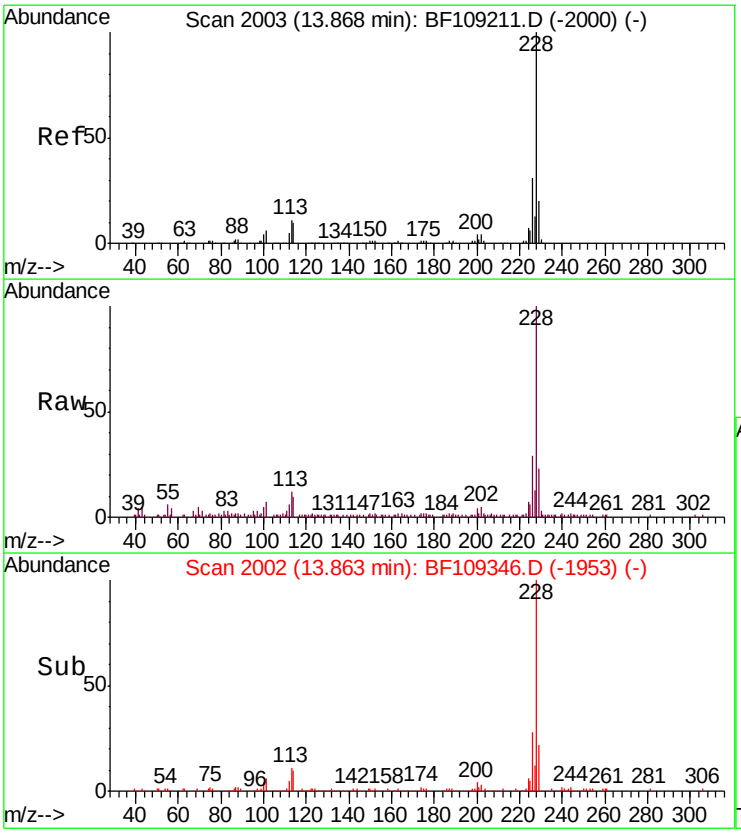
#80
Benzo(a)anthracene
Concen: 4.033 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109346.D
Acq: 26 Sep 2018 19:29

Instrument :
BNA_F
ClientSampleId :
CL-02-092518-A

Tgt Ion:228 Resp: 68000

Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.6	33.8
229	20.8	15.8	23.6

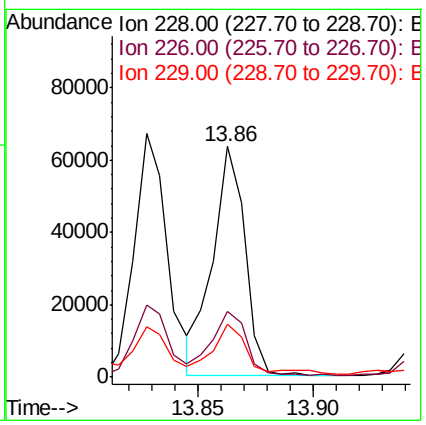


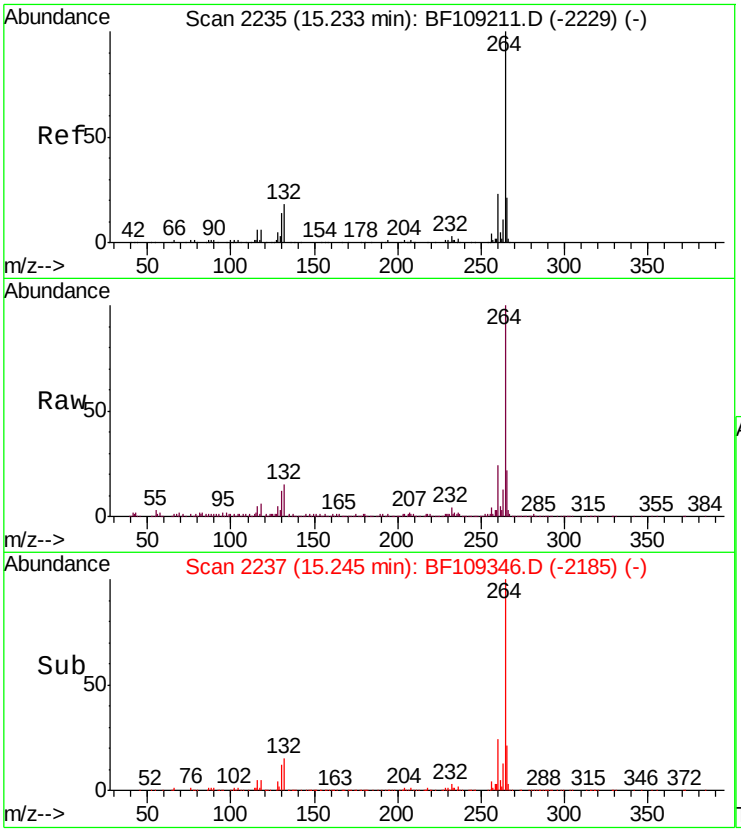


#82
Chrysene
Concen: 3.700 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF109346.D
Acq: 26 Sep 2018 19:29

Tgt Ion:228 Resp: 61826

Ion	Ratio	Lower	Upper
228	100		
226	28.6	25.0	37.6
229	22.9	16.2	24.4



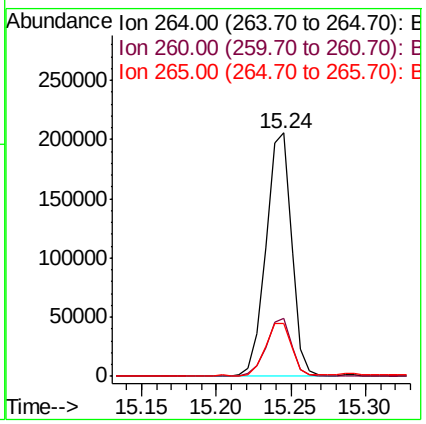


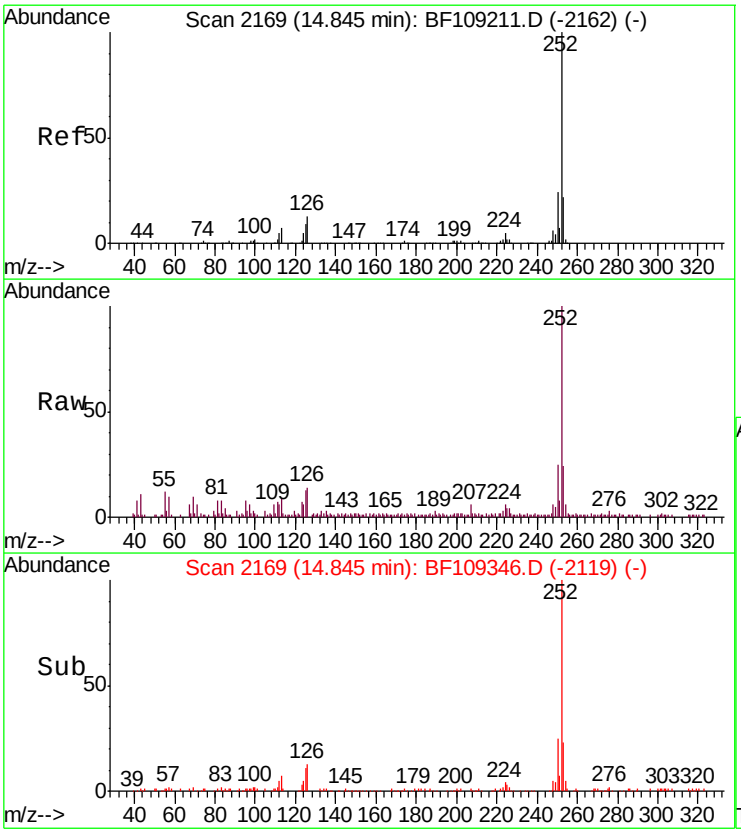
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF109346.D
Acq: 26 Sep 2018 19:29

Instrument :
BNA_F
ClientSampleId :
CL-02-092518-A

Tgt Ion:264 Resp: 244088

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.6	17.5	26.3

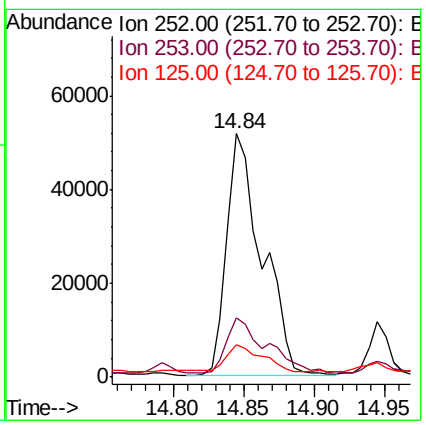


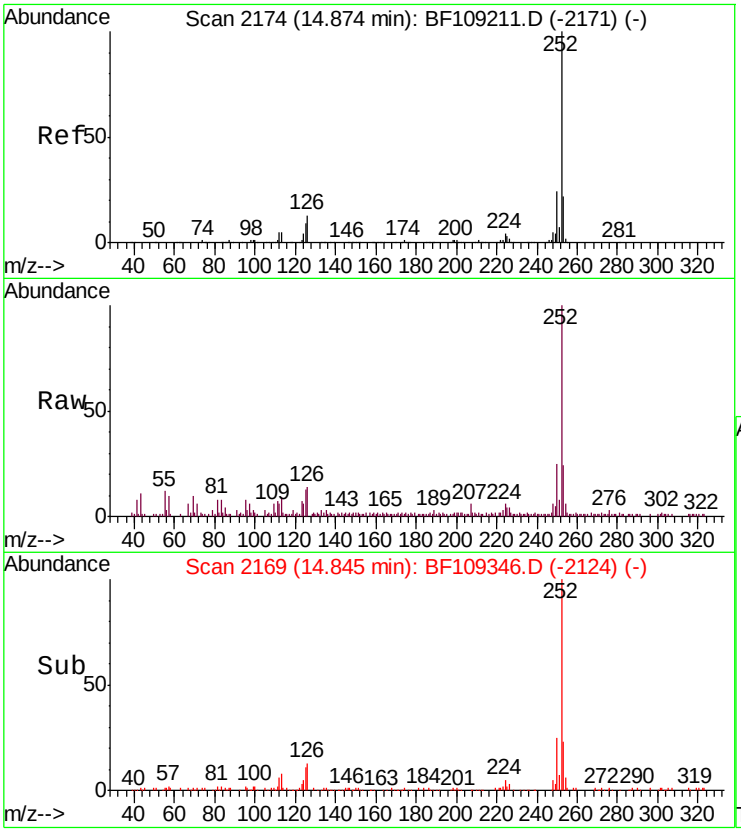


#87
Benzo(b)fluoranthene
Concen: 6.754 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF109346.D
Acq: 26 Sep 2018 19:29

Tgt Ion:252 Resp: 90588

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.0	25.6
125	13.3	9.0	13.6



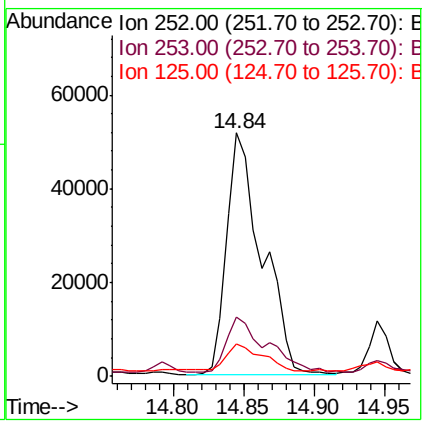


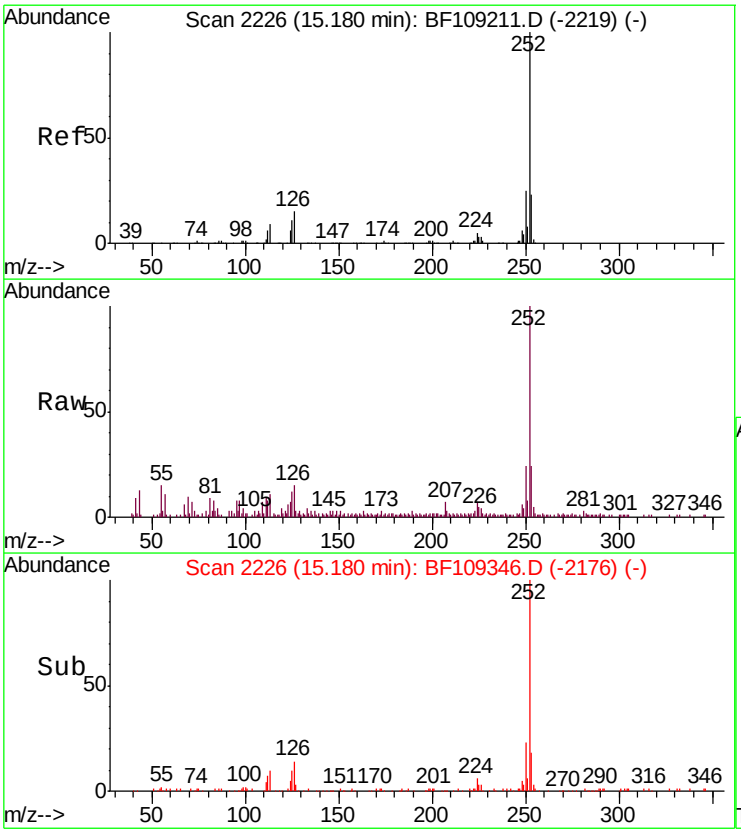
#88
Benzo(k)fluoranthene
Concen: 7.118 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.04 min
Lab File: BF109346.D
Acq: 26 Sep 2018 19:29

Instrument :
BNA_F
ClientSampleId :
CL-02-092518-A

Tgt Ion:252 Resp: 90588

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.9	26.9
125	13.3	10.2	15.2

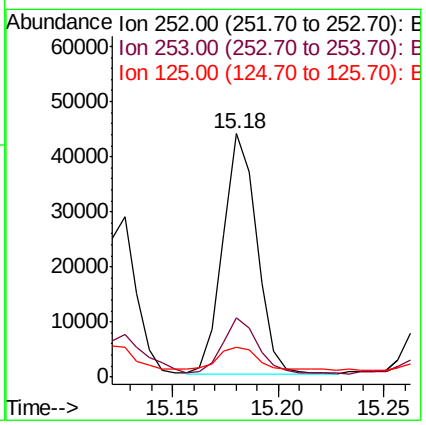


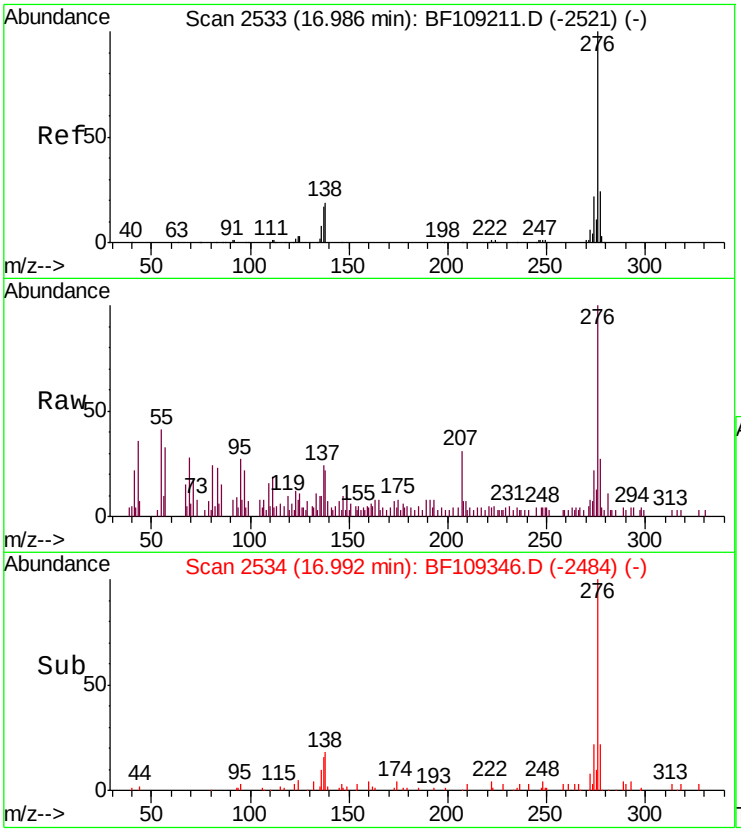


#89
Benzo(a)pyrene
Concen: 4.044 ng
RT: 15.18 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BF109346.D
Acq: 26 Sep 2018 19:29

Tgt Ion:252 Resp: 48875

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.1	25.7
125	12.4	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 2.274 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.01 min
Lab File: BF109346.D
Acq: 26 Sep 2018 19:29

Instrument :
BNA_F
ClientSampleId :
CL-02-092518-A

Tgt Ion:276 Resp: 22156

Ion	Ratio	Lower	Upper
276	100		
277	26.5	17.9	26.9
138	22.1	21.8	32.8