Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100118\
Data File : BF109475.D
Acq On : 1 Oct 2018 16:28
Operator : JU/SJ
Sample : J5084-23DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-7(TW-1)DL

Quant Time: Oct 01 17:23:05 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	101293	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	394775	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	187721	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	330200	20.00	ng	0.00
75) Chrysene-d12	13.84	240	241340	20.00	ng	0.00
86) Perylene-d12	15.24	264	219188	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	25581	4.16	ng	0.01
7) Phenol-d6	6.36	99	30290	3.86	ng	0.00
23) Nitrobenzene-d5	7.26	82	63035	9.43	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	26029	14.07	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	132487	10.64	ng	-0.02
78) Terphenyl-d14	12.79	244	111660	11.35	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.24	77	180012	35.708	ng	# 1
18) Hexachloroethane	7.20	117	16208	5.799	ng	# 1
22) Acetophenone	7.10	105	149828	16.416	ng	# 62
31) Naphthalene	8.01	128	1136492	61.606	ng	99
32) Benzoic acid	7.78	122	3165	7.559	ng	# 22
33) 4-Chloroaniline	8.01	127	157085	19.492	ng	# 31
37) 2-Methylnaphthalene	8.70	142	286741	24.111	ng	98
50) 2,6-Dinitrotoluene	9.73	165	24326	8.996	ng	# 26

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100118\
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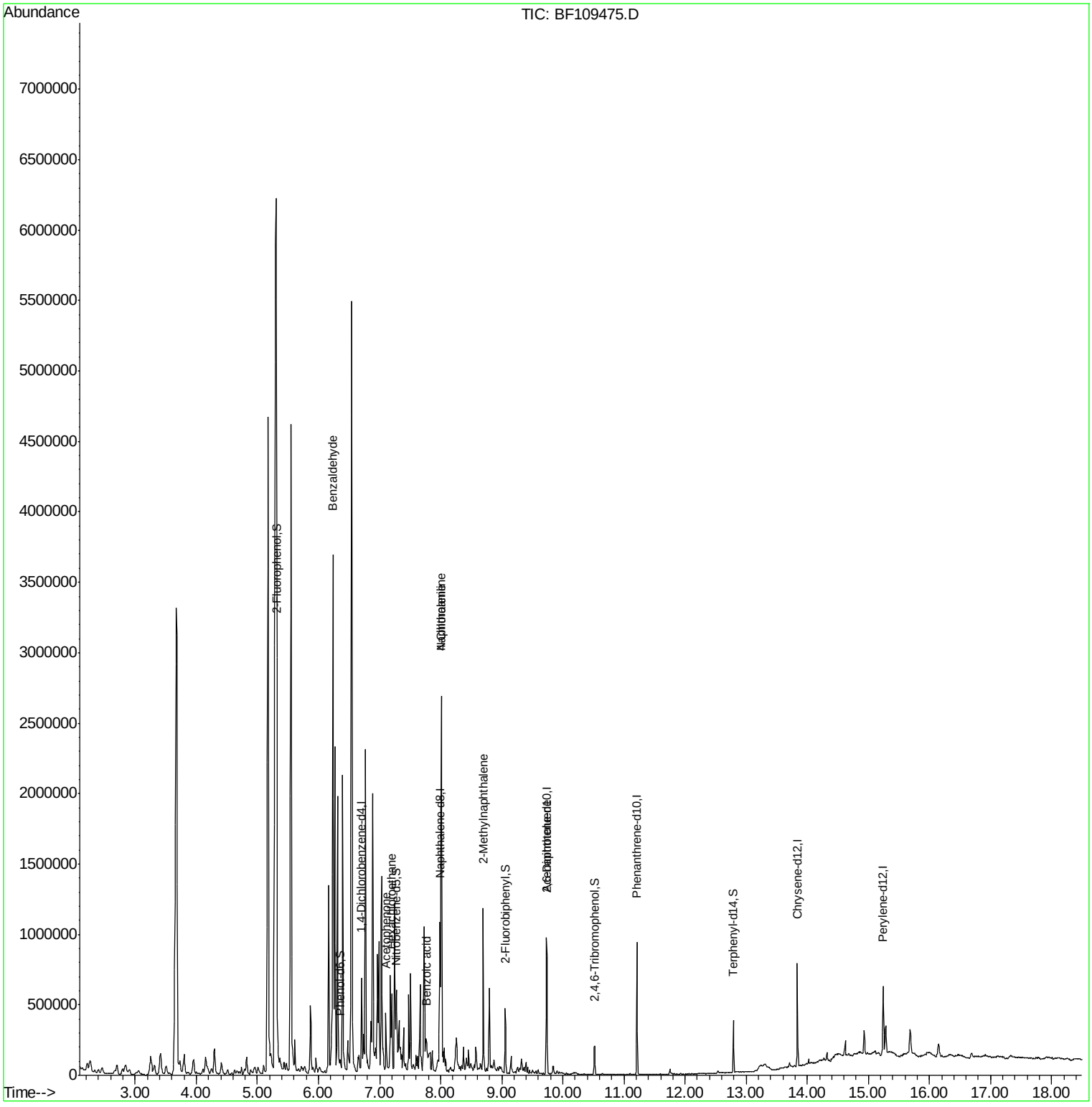
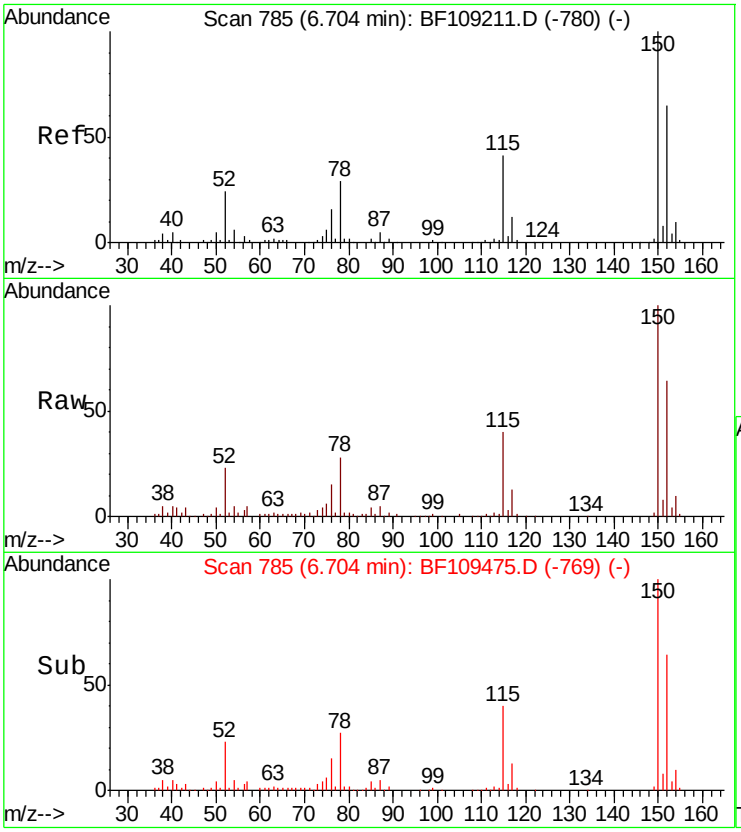
Acq On : 1 Oct 2018 16:28
Operator : JU/SJ
Sample : J5084-23DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-7(TW-1)DL

Quant Time: Oct 01 17:23:05 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



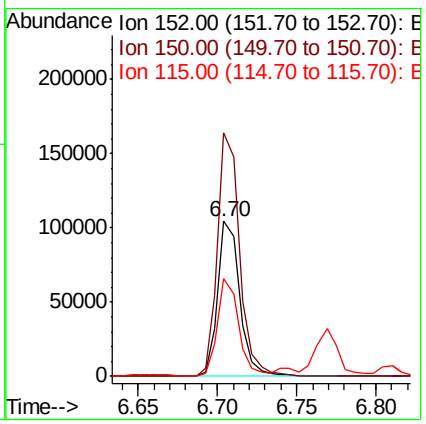


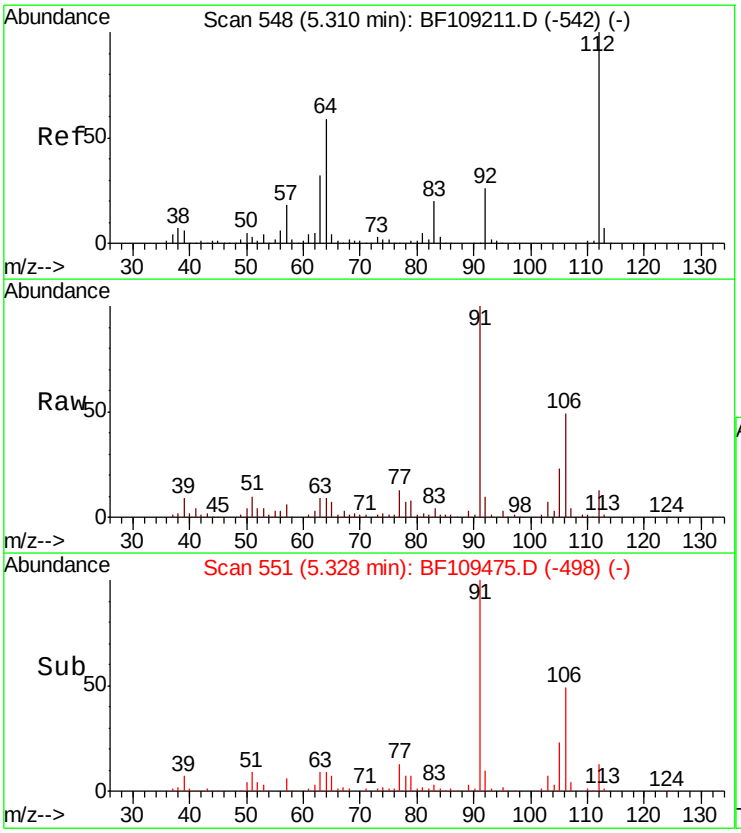
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109475.D
Acq: 1 Oct 2018 16:28

Instrument :
BNA_F
ClientSampleId :
B-7(TW-1)DL

Tgt Ion:152 Resp: 101293

Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.6	186.8
115	63.1	50.1	75.1

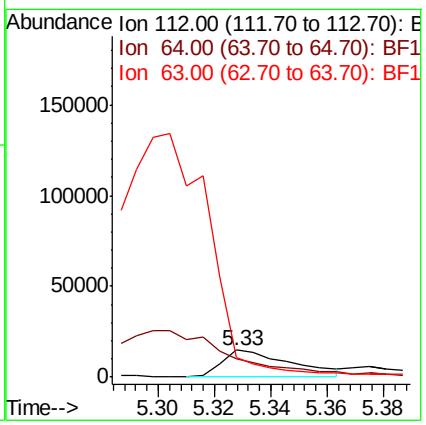


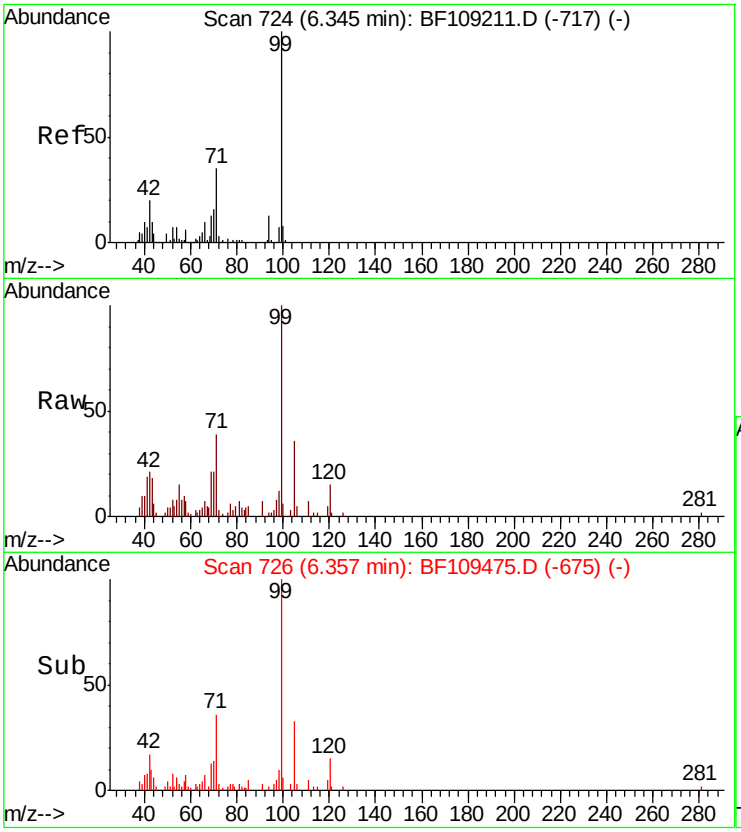


#5
2-Fluorophenol
Concen: 4.160 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF109475.D
Acq: 1 Oct 2018 16:28

Tgt Ion:112 Resp: 25581

Ion	Ratio	Lower	Upper
112	100		
64	65.5	47.9	71.9
63	71.3	23.7	35.5#



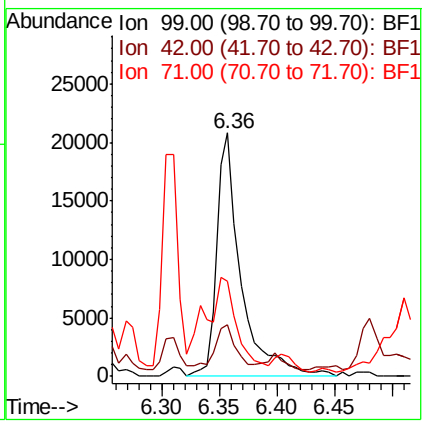


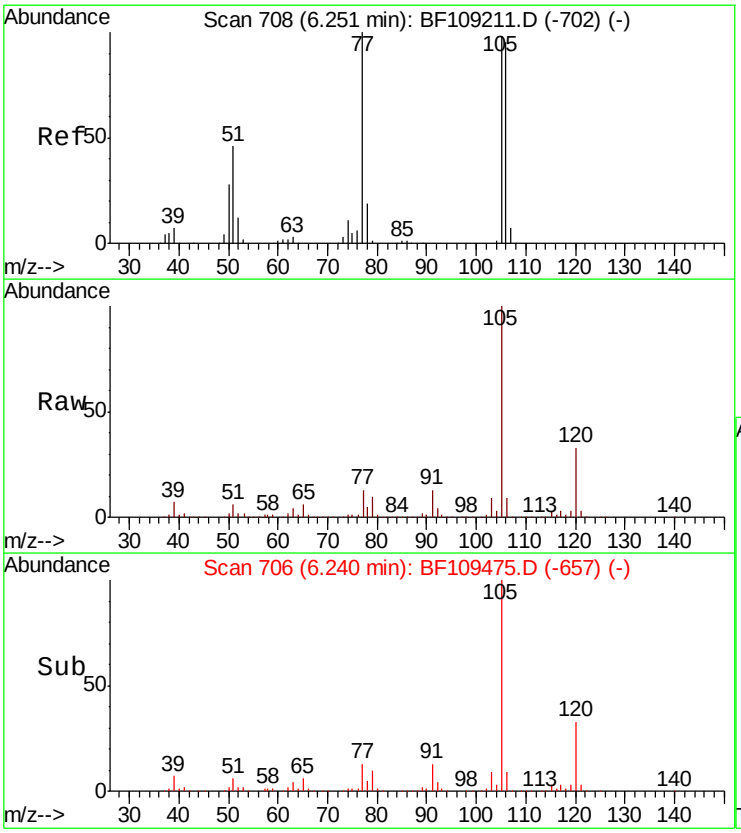
#7
Phenol-d6
Concen: 3.860 ng
RT: 6.36 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF109475.D
Acq: 1 Oct 2018 16:28

Instrument :
BNA_F
ClientSampleId :
B-7(TW-1)DL

Tgt Ion: 99 Resp: 30290

Ion	Ratio	Lower	Upper
99	100		
42	21.4	14.5	21.7
71	38.8	25.4	38.0#

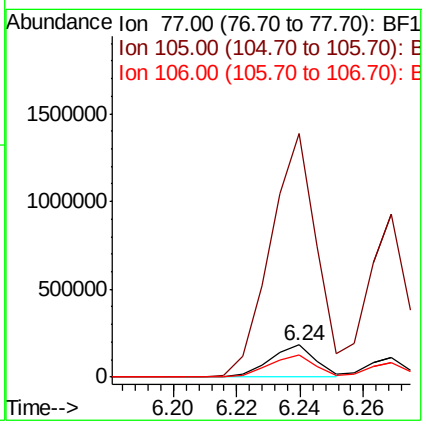


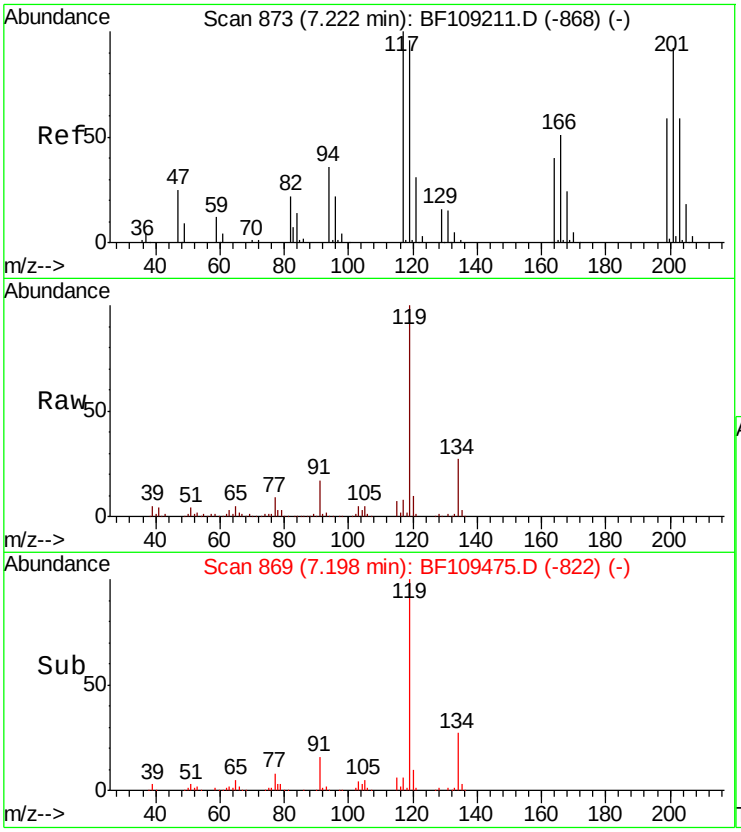


#9
Benzaldehyde
Concen: 35.708 ng
RT: 6.24 min Scan# 706
Delta R.T. -0.01 min
Lab File: BF109475.D
Acq: 1 Oct 2018 16:28

Tgt Ion: 77 Resp: 180012

Ion	Ratio	Lower	Upper
77	100		
105	760.1	81.1	121.1#
106	69.6	74.5	114.5#



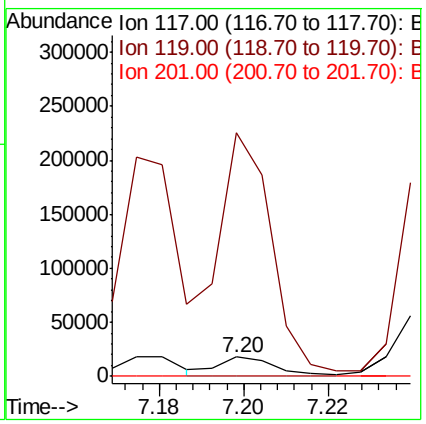


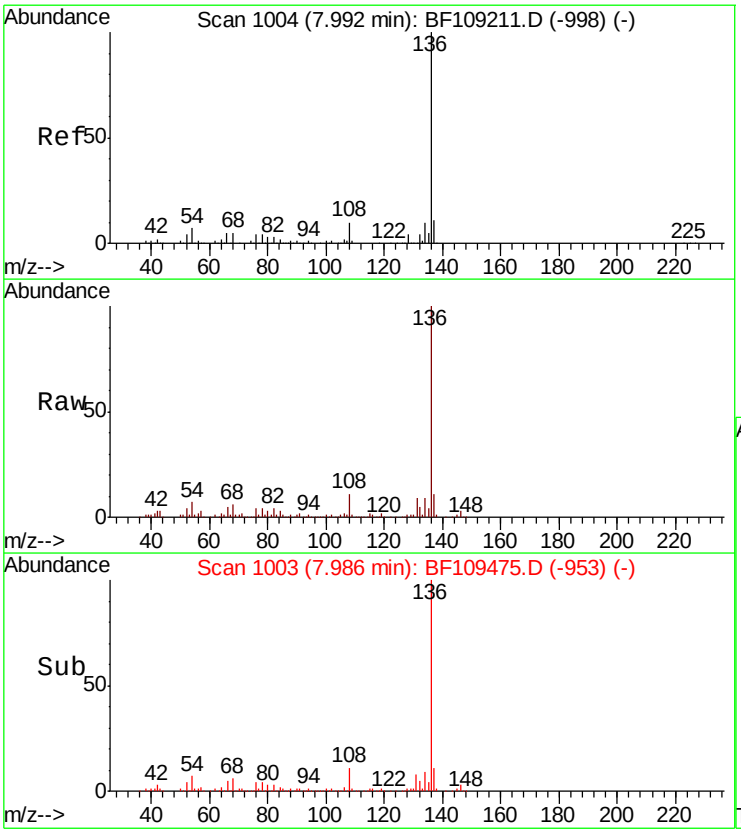
#18
Hexachloroethane
Concen: 5.799 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.02 min
Lab File: BF109475.D
Acq: 1 Oct 2018 16:28

Instrument :
BNA_F
ClientSampleId :
B-7(TW-1)DL

Tgt Ion:117 Resp: 16208

Ion	Ratio	Lower	Upper
117	100		
119	1275.1	75.8	113.8#
201	0.0	75.7	113.5#

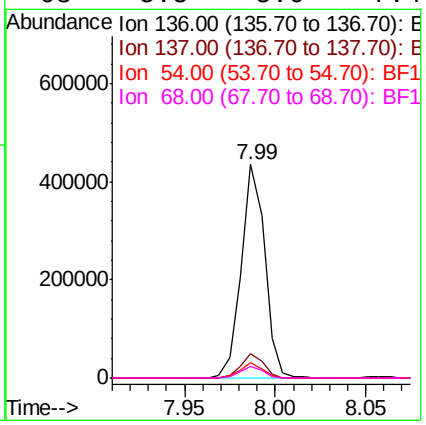


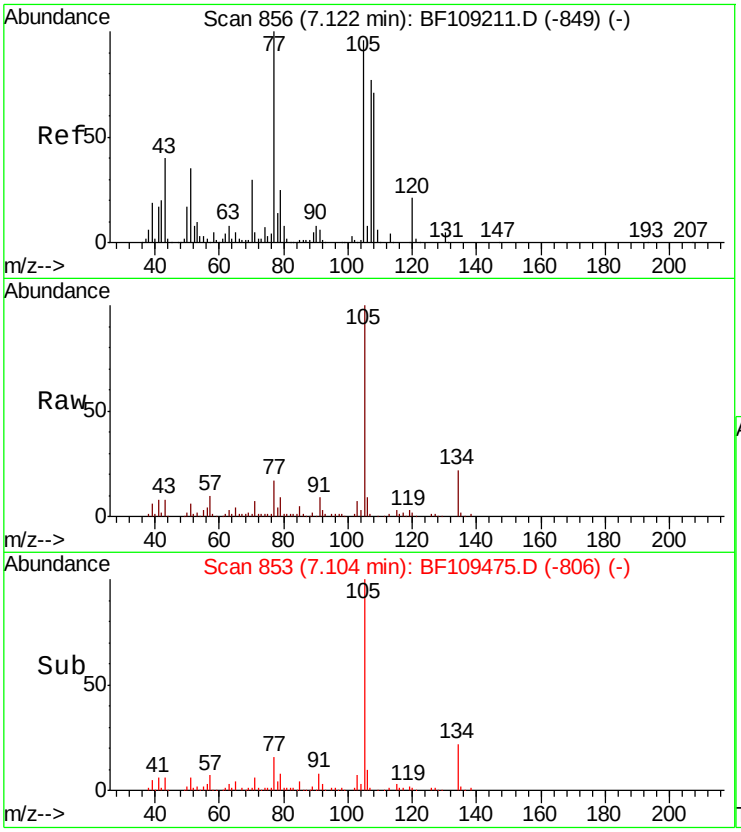


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109475.D
Acq: 1 Oct 2018 16:28

Tgt Ion:136 Resp: 394775

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.2	6.6	9.8
68	5.5	5.0	7.4



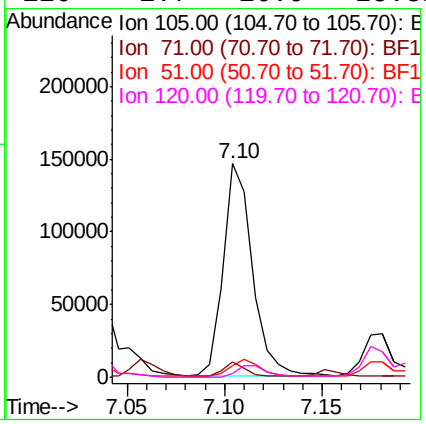


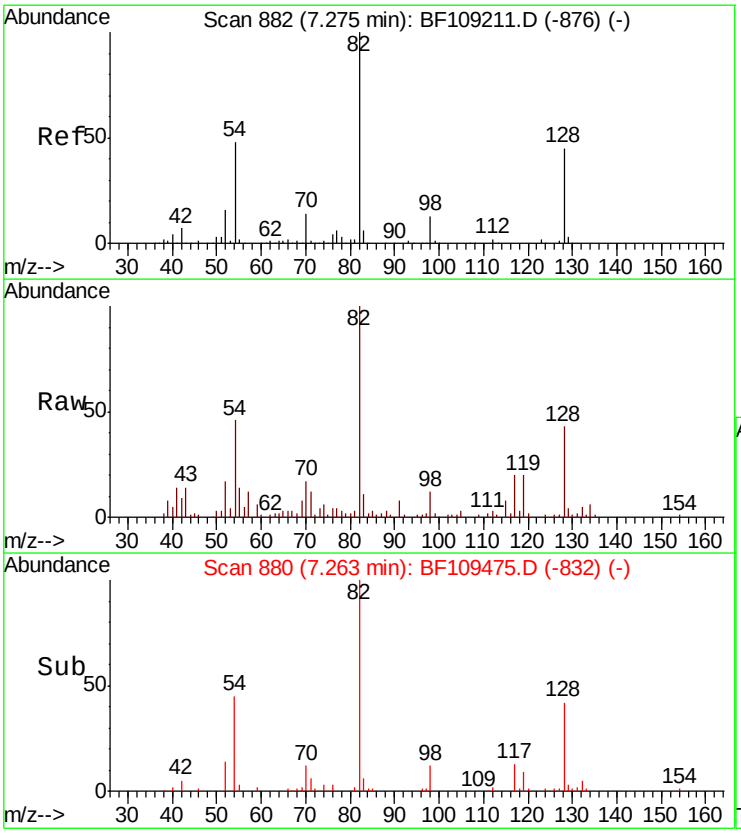
#22
Acetophenone
Concen: 16.416 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.02 min
Lab File: BF109475.D
Acq: 1 Oct 2018 16:28

Instrument :
BNA_F
ClientSampleId :
B-7(TW-1)DL

Tgt Ion:105 Resp: 149828

Ion	Ratio	Lower	Upper
105	100		
71	7.3	4.4	6.6#
51	5.7	22.3	33.5#
120	1.7	16.9	25.3#

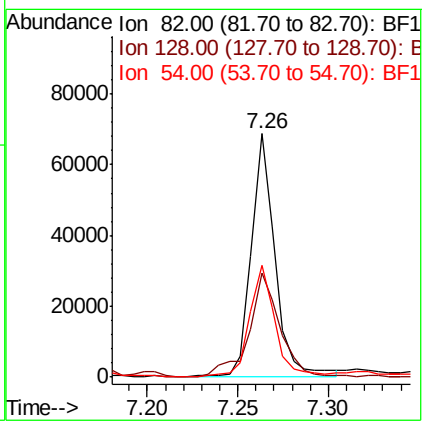


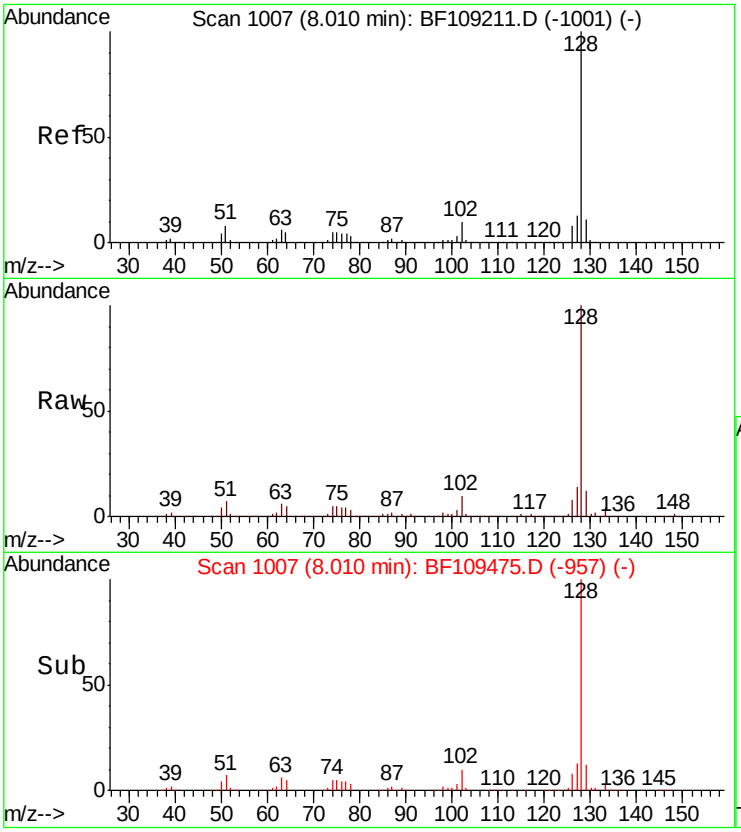


#23
Nitrobenzene-d5
Concen: 9.426 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF109475.D
Acq: 1 Oct 2018 16:28

Tgt Ion: 82 Resp: 63035

Ion	Ratio	Lower	Upper
82	100		
128	43.0	36.1	54.1
54	45.8	41.4	62.2



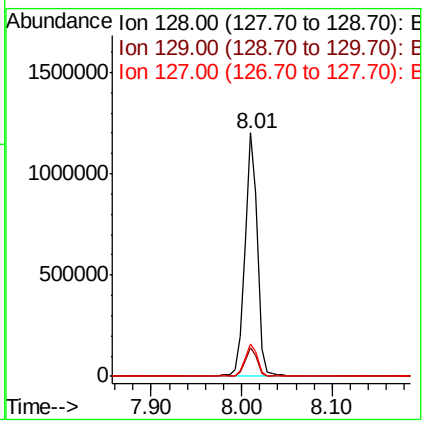


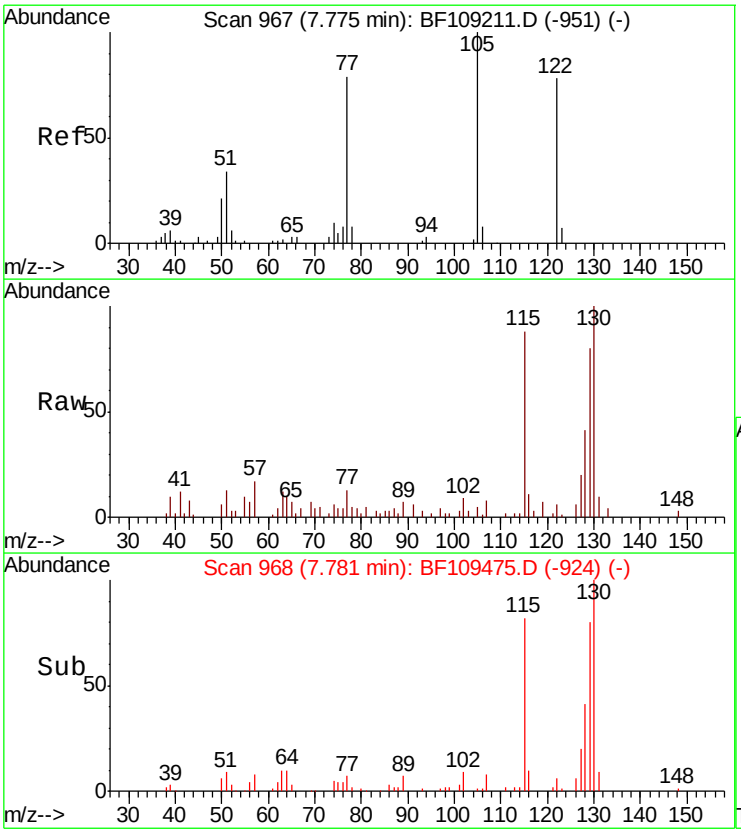
#31
Naphthalene
Concen: 61.606 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF109475.D
Acq: 1 Oct 2018 16:28

Instrument :
BNA_F
ClientSampleId :
B-7(TW-1)DL

Tgt Ion:128 Resp: 1136492

Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.8	13.2
127	13.5	10.9	16.3

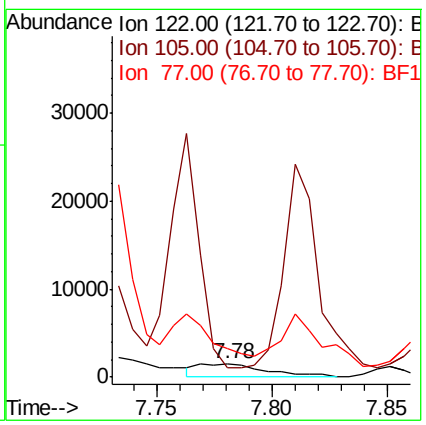


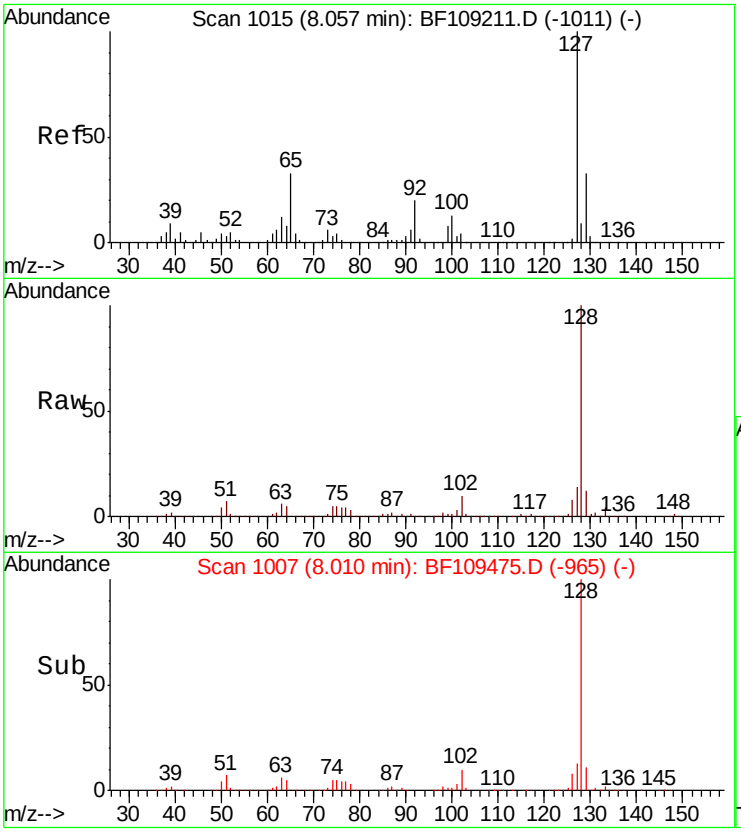


#32
Benzoic acid
Concen: 7.559 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.04 min
Lab File: BF109475.D
Acq: 1 Oct 2018 16:28

Tgt Ion:122 Resp: 3165

Ion	Ratio	Lower	Upper
122	100		
105	74.1	101.1	141.1#
77	209.8	70.7	110.7#



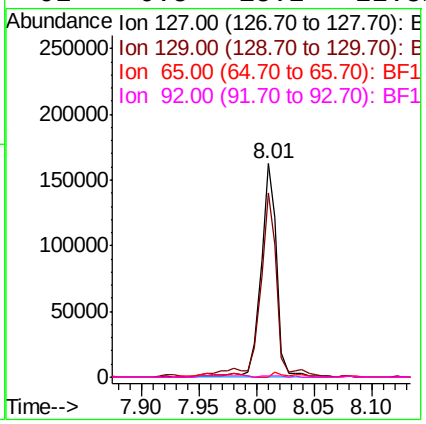


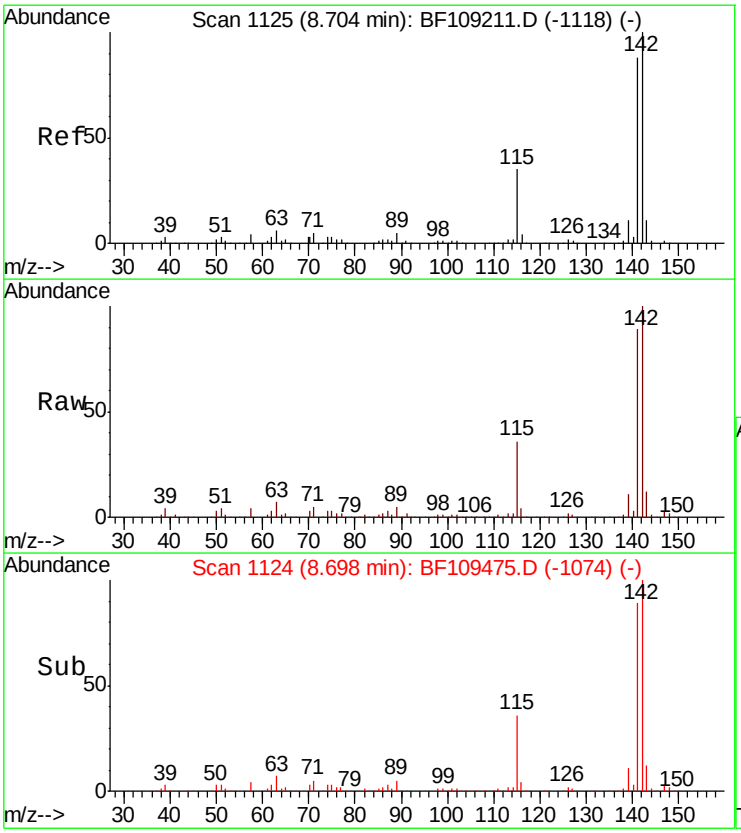
#33
4-Chloroaniline
Concen: 19.492 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.05 min
Lab File: BF109475.D
Acq: 1 Oct 2018 16:28

Instrument :
BNA_F
ClientSampleId :
B-7(TW-1)DL

Tgt Ion:127 Resp: 157085

Ion	Ratio	Lower	Upper
127	100		
129	86.6	25.9	38.9#
65	0.0	25.0	37.4#
92	0.5	15.2	22.8#

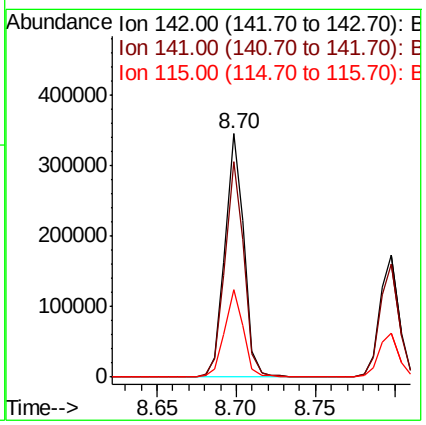


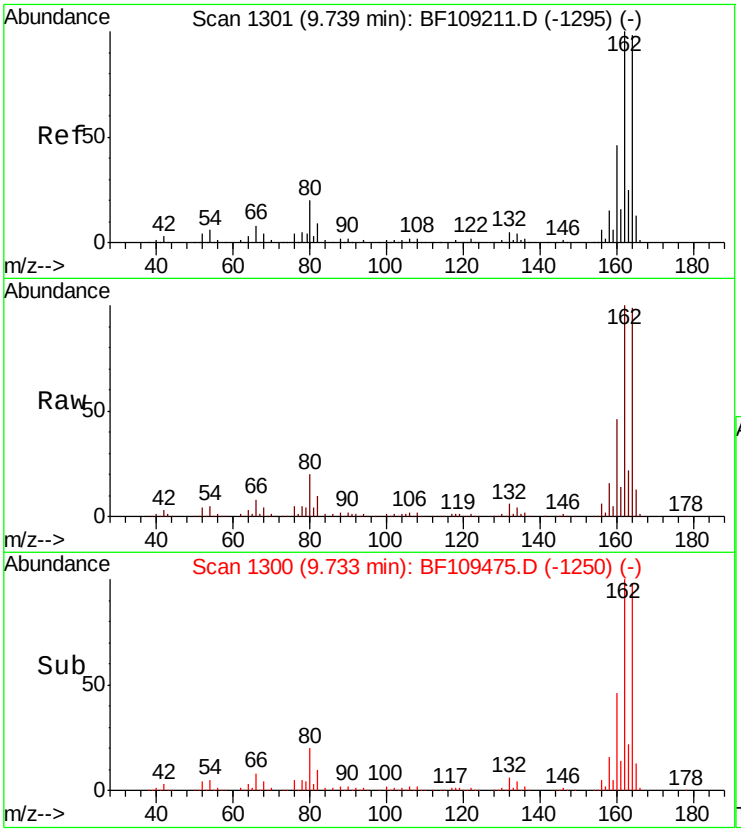


#37
2-Methylnaphthalene
Concen: 24.111 ng
RT: 8.70 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF109475.D
Acq: 1 Oct 2018 16:28

Tgt Ion:142 Resp: 286741

Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.8	106.2
115	36.1	26.1	39.1



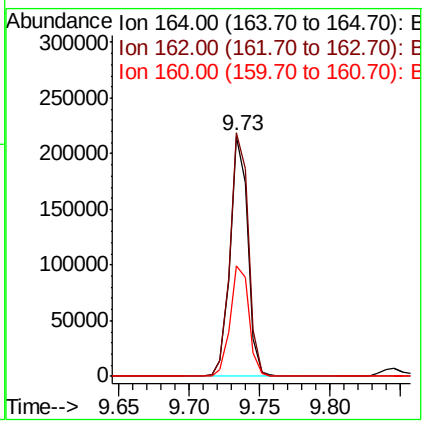


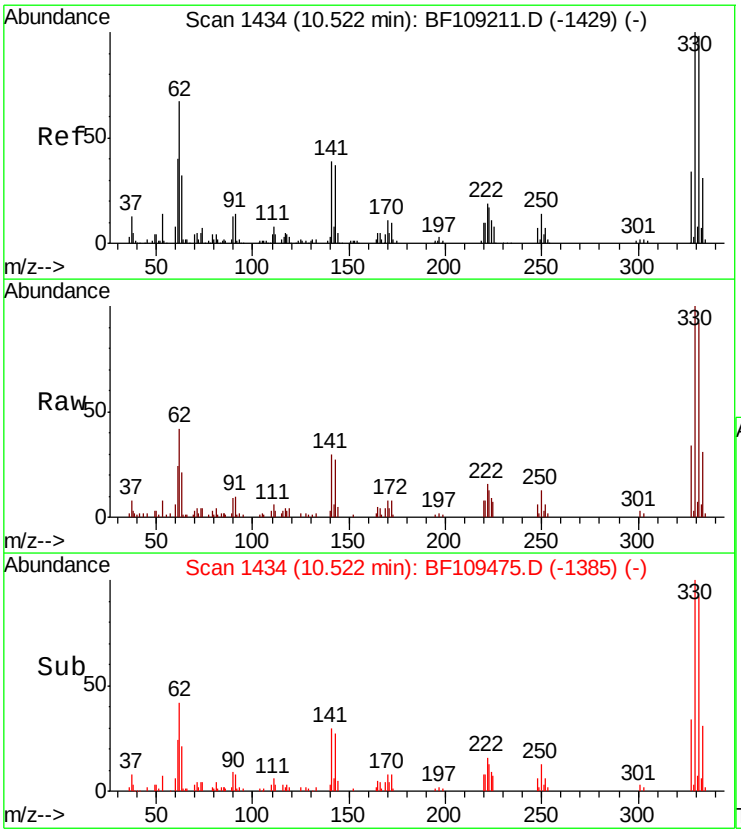
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF109475.D
Acq: 1 Oct 2018 16:28

Instrument :
BNA_F
ClientSampleId :
B-7(TW-1)DL

Tgt Ion:164 Resp: 187721

Ion	Ratio	Lower	Upper
164	100		
162	101.5	86.1	129.1
160	46.3	38.3	57.5

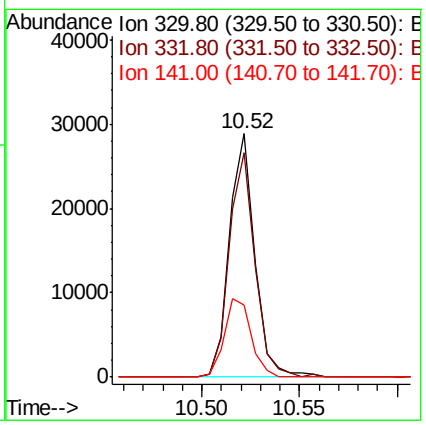


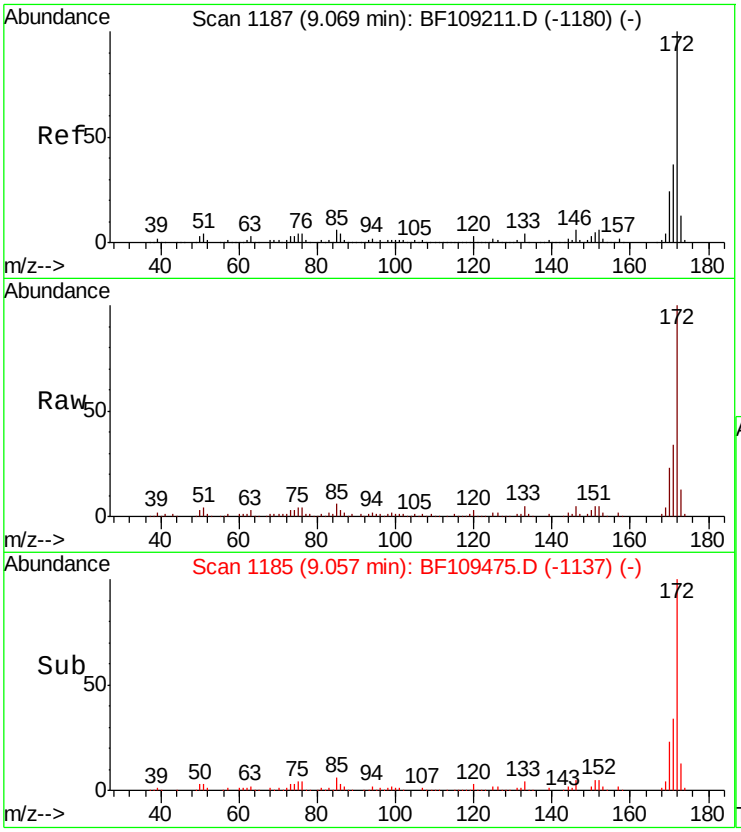


#41
2,4,6-Tribromophenol
Concen: 14.066 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF109475.D
Acq: 1 Oct 2018 16:28

Tgt Ion:330 Resp: 26029

Ion	Ratio	Lower	Upper
330	100		
332	93.4	77.0	115.6
141	33.8	29.9	44.9



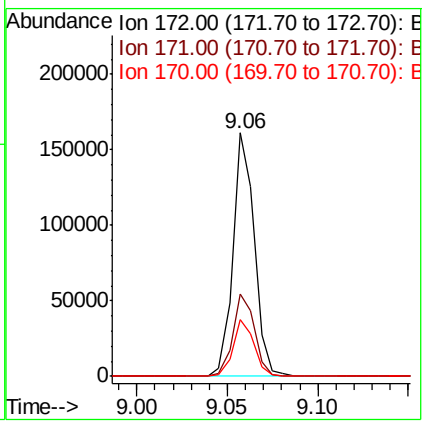


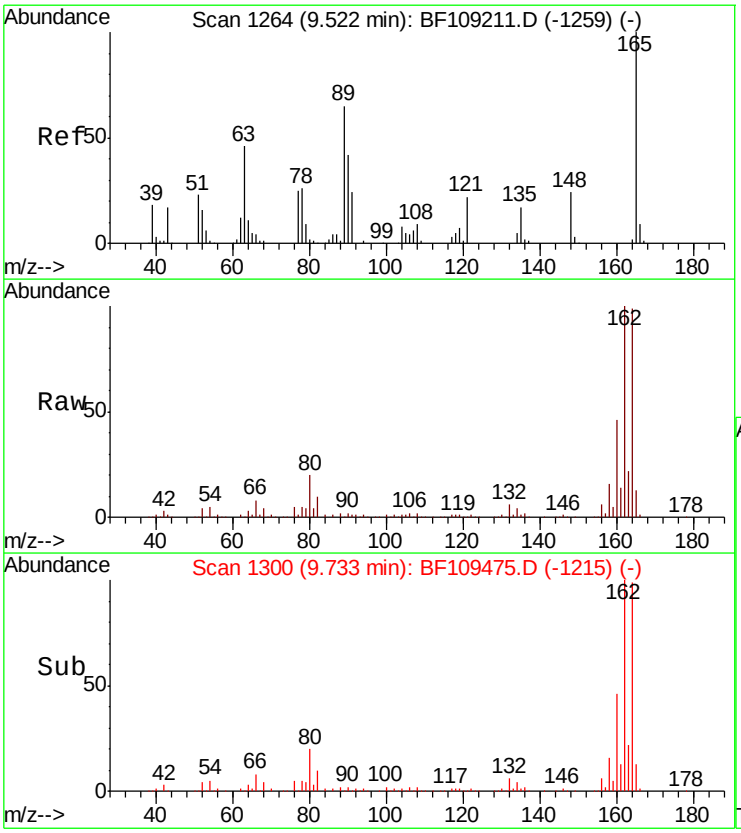
#44
2-Fluorobiphenyl
Concen: 10.644 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF109475.D
Acq: 1 Oct 2018 16:28

Instrument :
BNA_F
ClientSampleId :
B-7(TW-1)DL

Tgt Ion:172 Resp: 132487

Ion	Ratio	Lower	Upper
172	100		
171	33.7	29.7	44.5
170	23.1	19.6	29.4

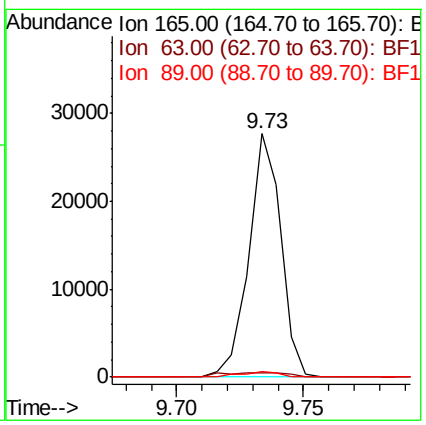


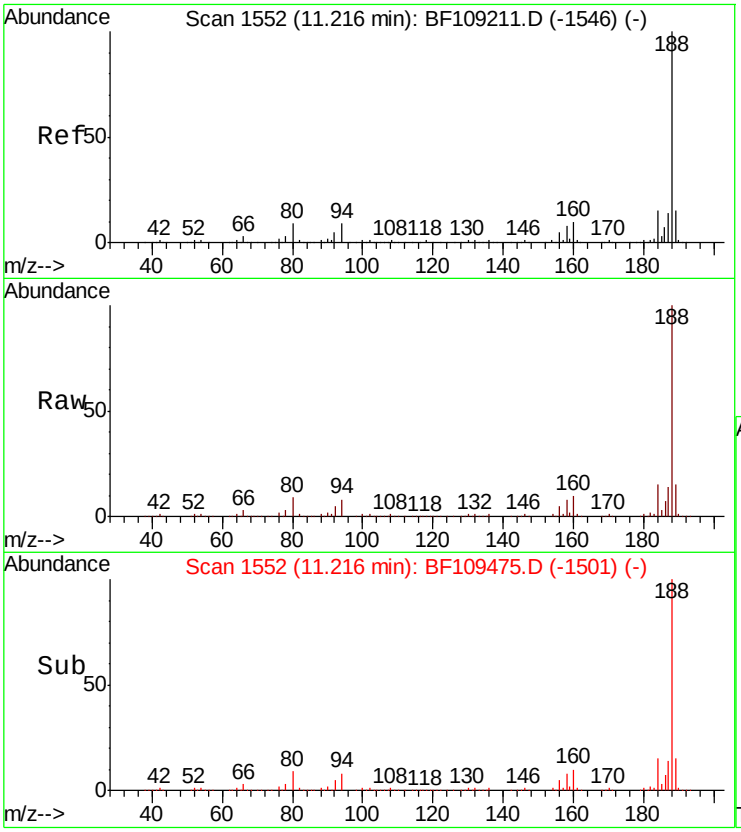


#50
2,6-Dinitrotoluene
Concen: 8.996 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.20 min
Lab File: BF109475.D
Acq: 1 Oct 2018 16:28

Tgt Ion:165 Resp: 24326

Ion	Ratio	Lower	Upper
165	100		
63	1.9	44.7	67.1#
89	2.1	44.0	66.0#



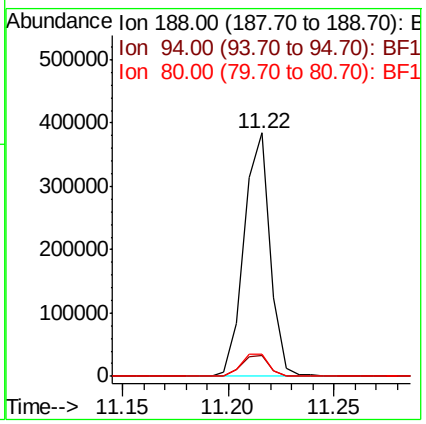


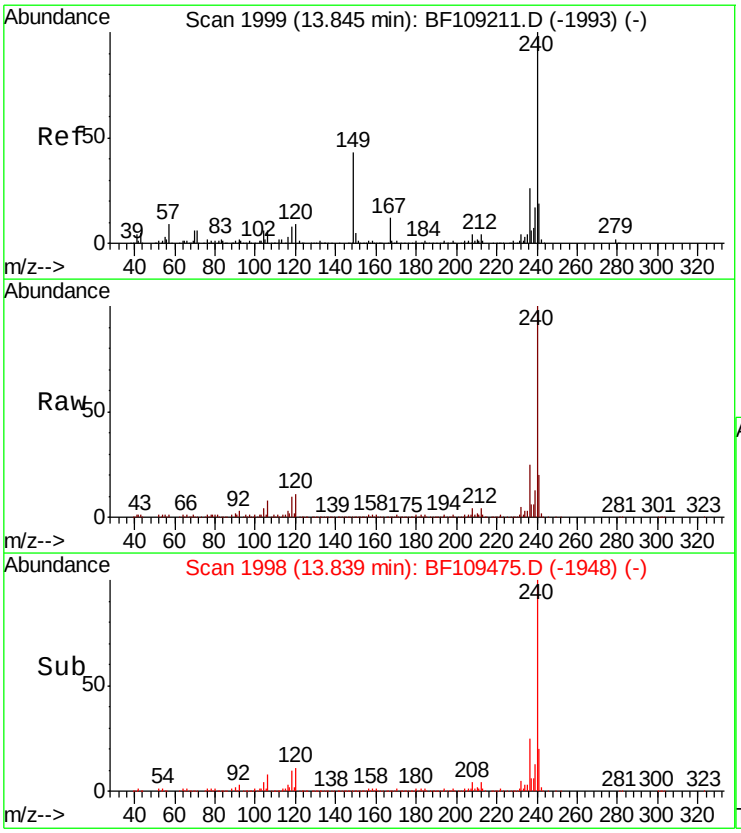
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109475.D
Acq: 1 Oct 2018 16:28

Instrument :
BNA_F
ClientSampleId :
B-7(TW-1)DL

Tgt Ion:188 Resp: 330200

Ion	Ratio	Lower	Upper
188	100		
94	8.3	8.5	12.7#
80	9.1	9.2	13.8#

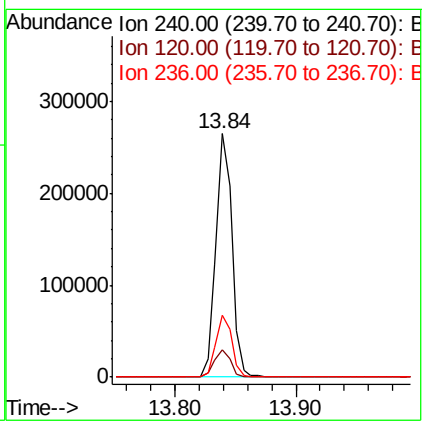


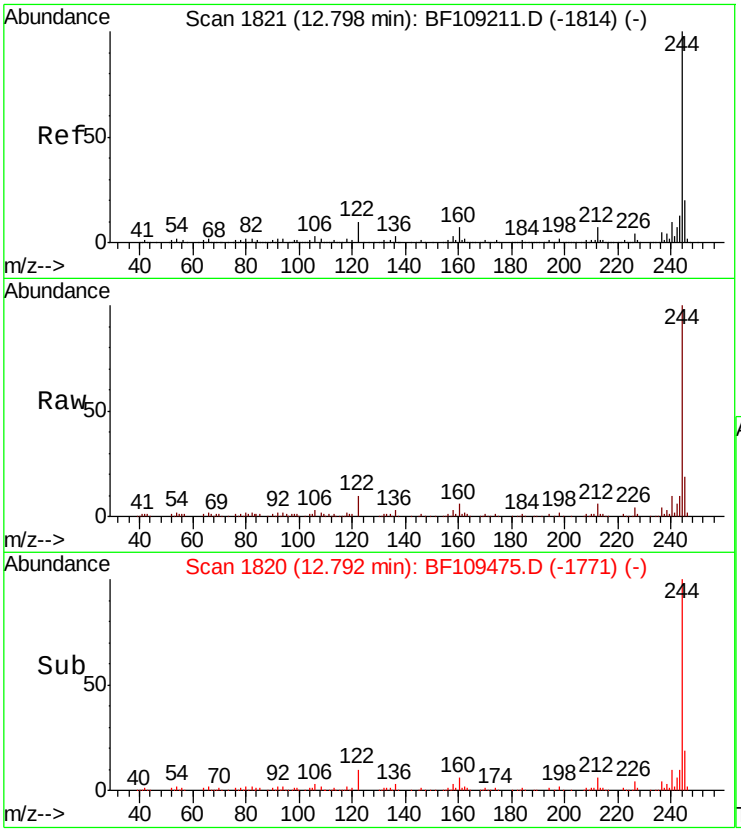


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109475.D
Acq: 1 Oct 2018 16:28

Tgt Ion:240 Resp: 241340

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.5	14.3
236	25.2	20.7	31.1



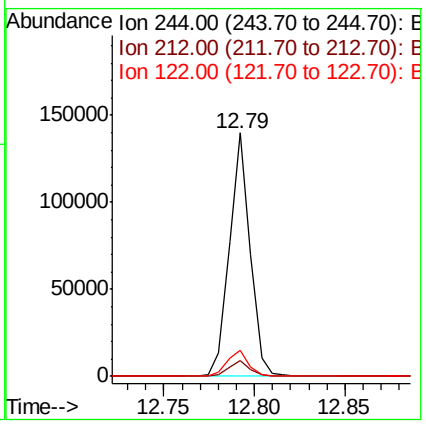


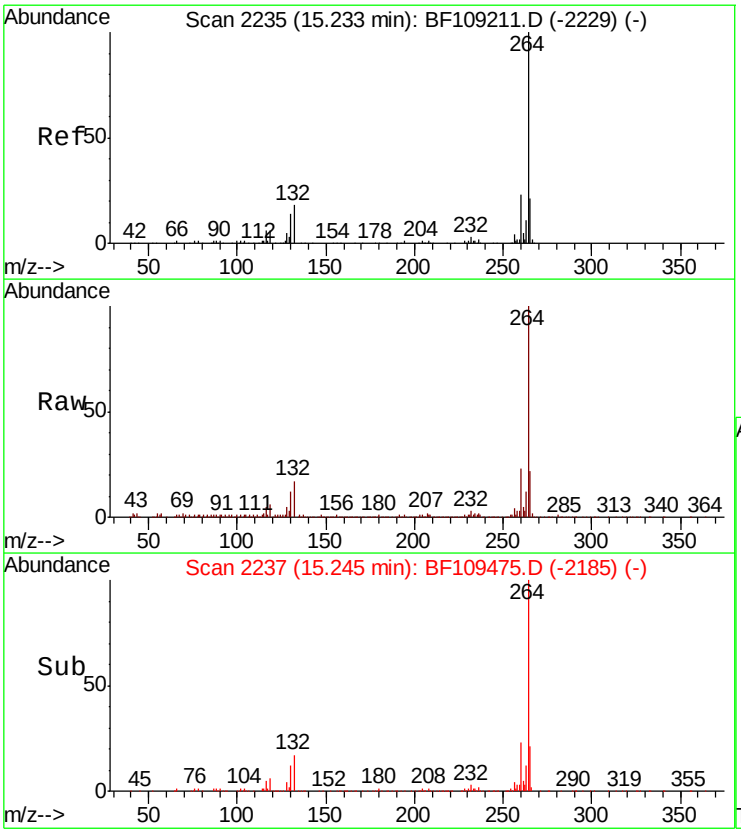
#78
Terphenyl-d14
Concen: 11.355 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF109475.D
Acq: 1 Oct 2018 16:28

Instrument :
BNA_F
ClientSampleId :
B-7(TW-1)DL

Tgt Ion:244 Resp: 111660

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	10.5	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: BF109475.D
Acq: 1 Oct 2018 16:28

Tgt Ion:264 Resp: 219188

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.5	17.5	26.3