Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
Data File : BF109610.D
Acq On : 5 Oct 2018 14:16
Operator : JU/SJ
Sample : J5223-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSSI-1001-S-DH-01

Quant Time: Oct 05 15:10:58 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	86668	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	349484	20.00	ng		-0.01
38) Acenaphthene-d10	9.73	164	171483	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	320908	20.00	ng		0.00
75) Chrysene-d12	13.83	240	247989	20.00	ng		-0.01
86) Perylene-d12	15.24	264	240989	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	430648	81.84	ng		0.01
7) Phenol-d6	6.35	99	581262	86.57	ng		0.00
23) Nitrobenzene-d5	7.26	82	383849	64.84	ng		-0.02
41) 2,4,6-Tribromophenol	10.52	330	131094	77.55	ng		-0.02
44) 2-Fluorobiphenyl	9.06	172	647271	56.93	ng		-0.02
78) Terphenyl-d14	12.79	244	571266	56.53	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.26	70	51396	11.682	ng	#	76
25) Isophorone	7.26	82	371042	34.804	ng	#	64
49) Dimethylphthalate	9.45	163	250773	20.106	ng		98
56) 2,4-Dinitrotoluene	9.73	165	21315	6.820	ng	#	22
64) 4,6-Dinitro-2-methylphenol	10.52	198	128	6.606	ng	#	1
66) 4-Bromophenyl-phenylether	10.52	248	7908	2.219	ng	#	1

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

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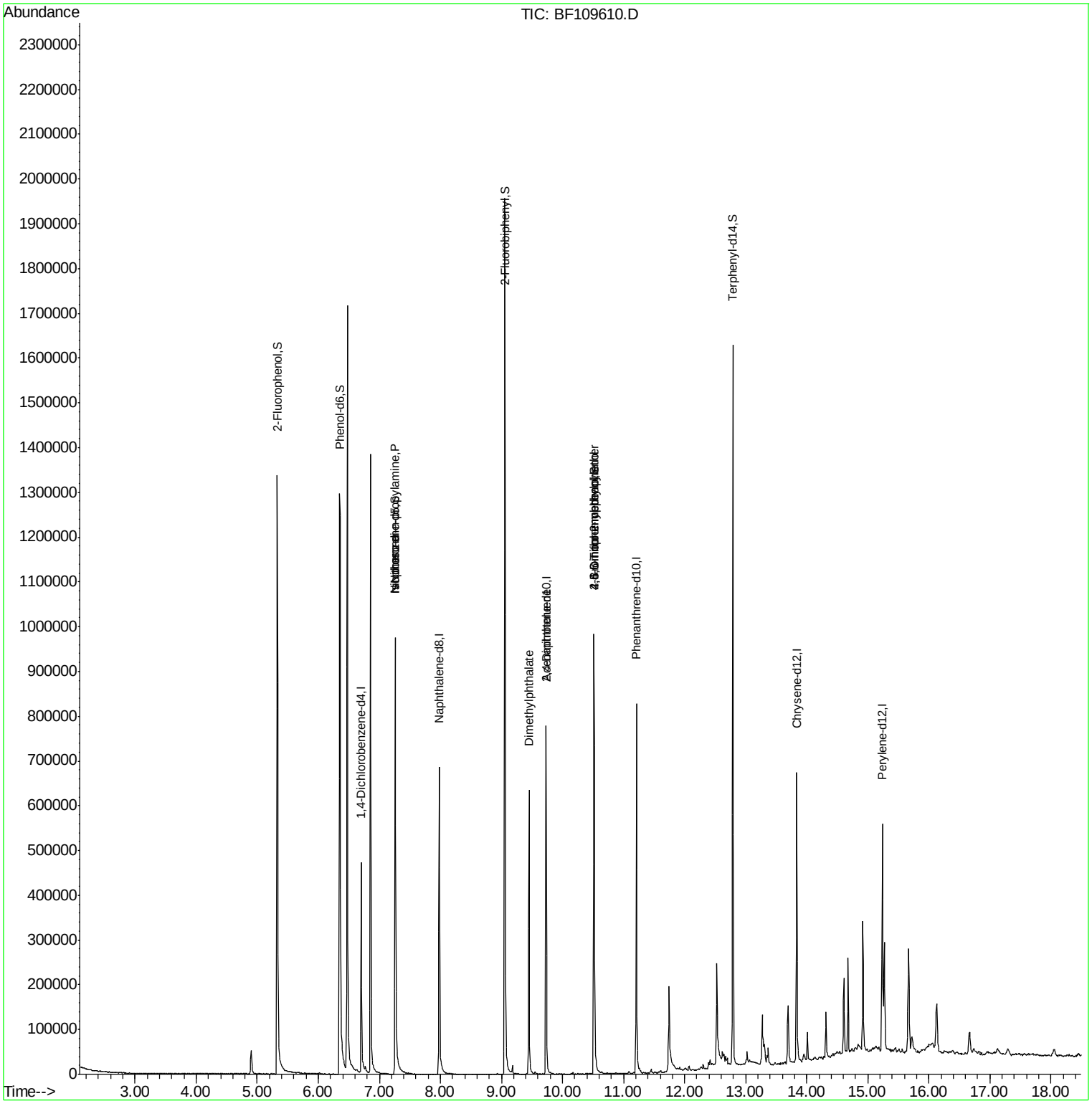
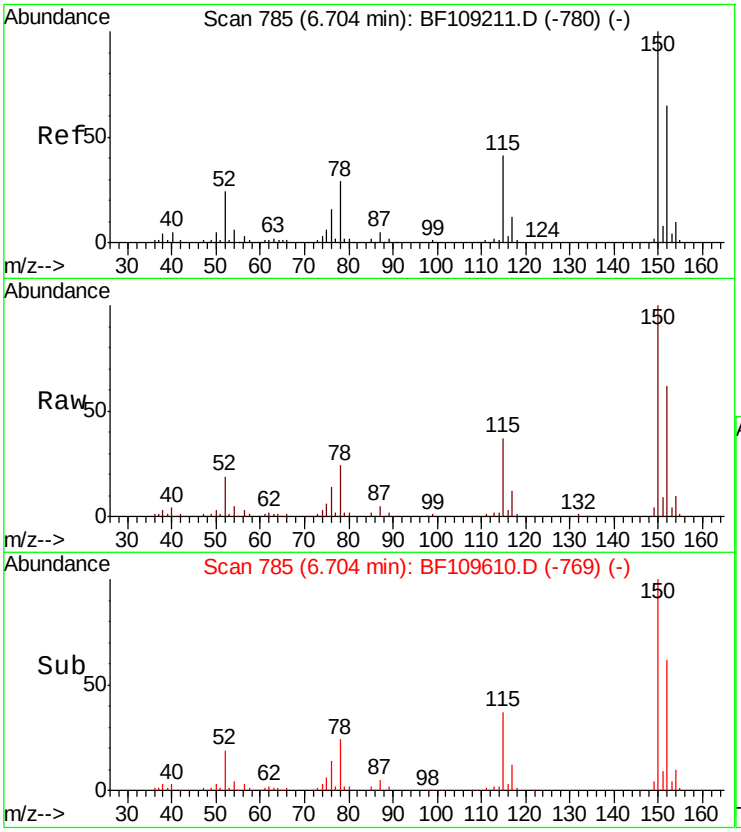


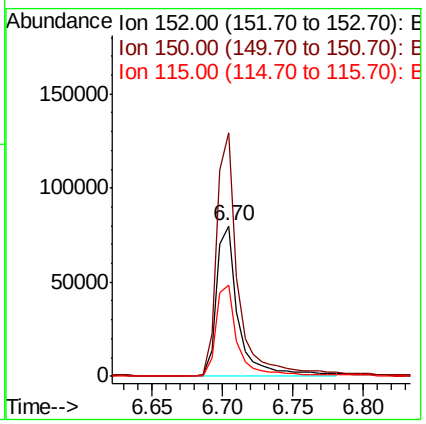


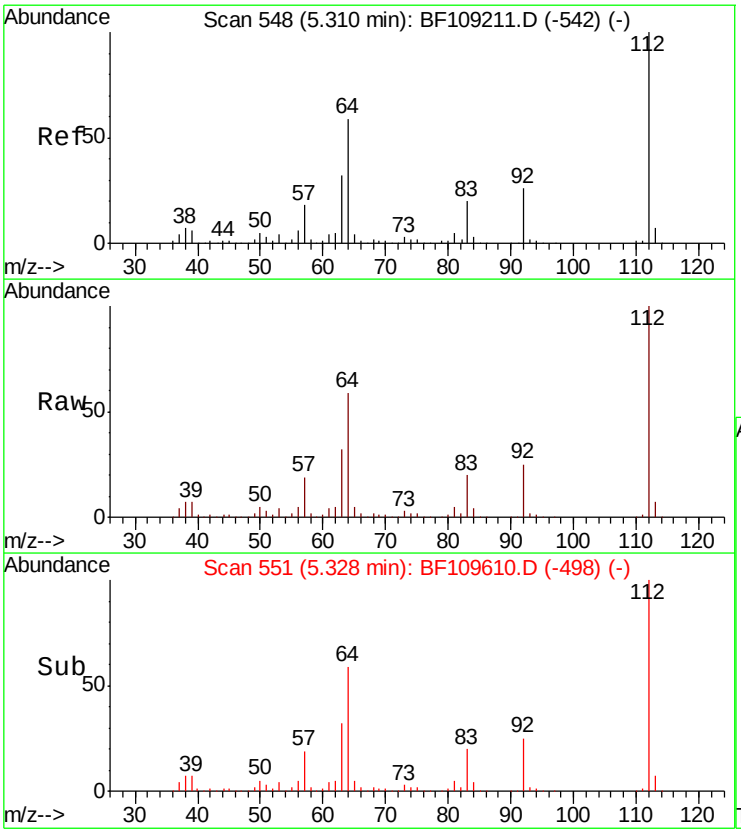
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109610.D
Acq: 5 Oct 2018 14:16

Instrument :
BNA_F
ClientSampleId :
SSSI-1001-S-DH-01

Tgt Ion:152 Resp: 86668

Ion	Ratio	Lower	Upper
152	100		
150	161.8	124.6	186.8
115	60.6	50.1	75.1

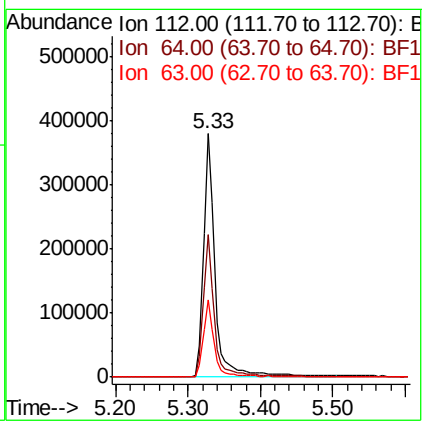


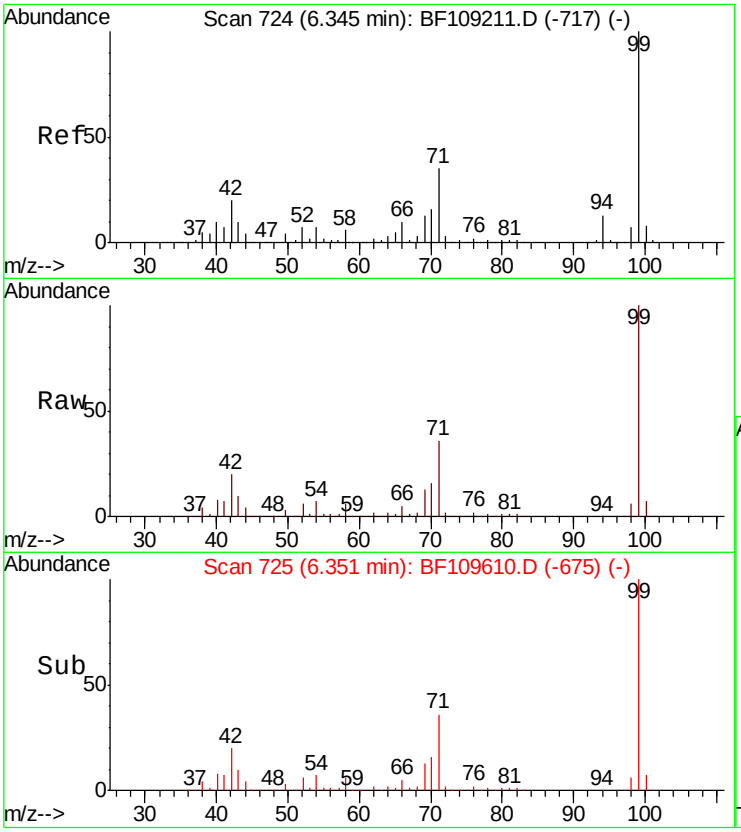


#5
2-Fluorophenol
Concen: 81.842 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF109610.D
Acq: 5 Oct 2018 14:16

Tgt Ion:112 Resp: 430648

Ion	Ratio	Lower	Upper
112	100		
64	58.7	47.9	71.9
63	31.9	23.7	35.5



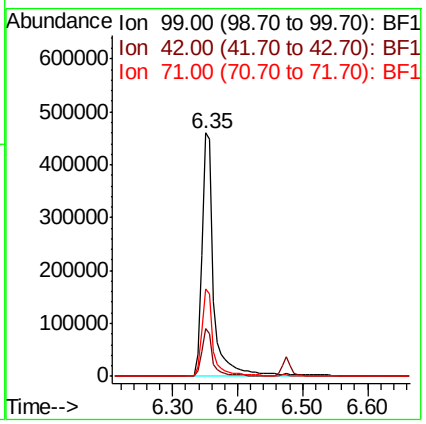


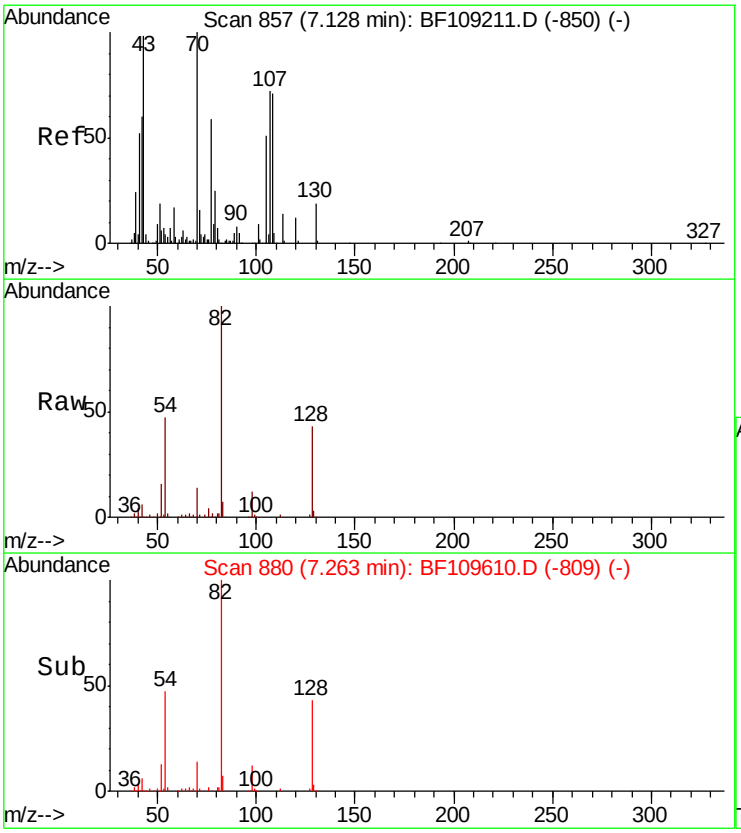
#7
Phenol-d6
Concen: 86.569 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF109610.D
Acq: 5 Oct 2018 14:16

Instrument :
BNA_F
ClientSampleId :
SSSI-1001-S-DH-01

Tgt Ion: 99 Resp: 581262

Ion	Ratio	Lower	Upper
99	100		
42	19.8	14.5	21.7
71	36.1	25.4	38.0

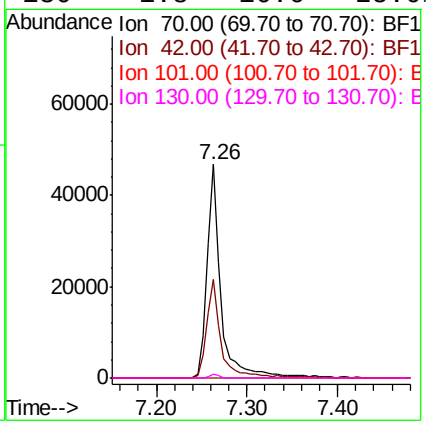


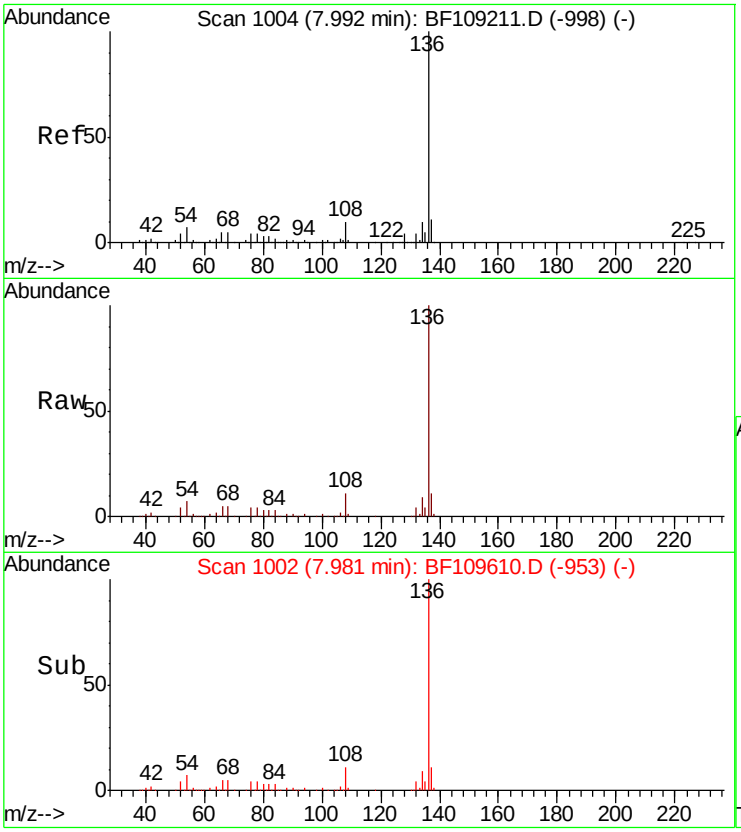


#19
n-Nitroso-di-n-propylamine
Concen: 11.682 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.12 min
Lab File: BF109610.D
Acq: 5 Oct 2018 14:16

Tgt Ion: 70 Resp: 51396

Ion	Ratio	Lower	Upper
70	100		
42	46.1	47.5	71.3#
101	0.0	7.4	11.2#
130	1.8	16.6	25.0#



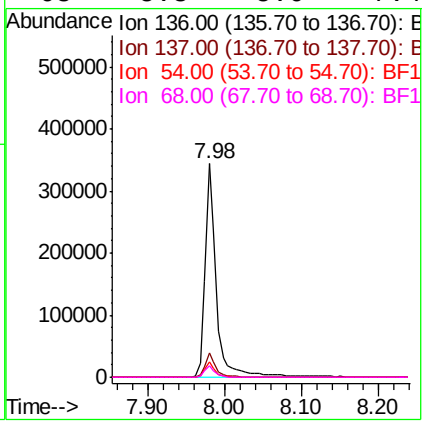


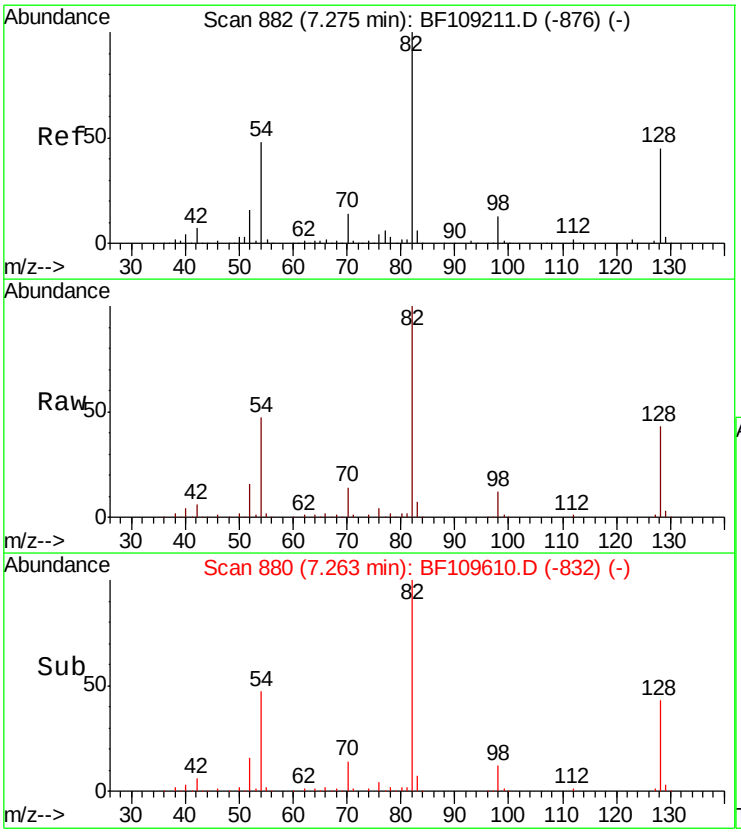
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF109610.D
Acq: 5 Oct 2018 14:16

Instrument :
BNA_F
ClientSampleId :
SSSI-1001-S-DH-01

Tgt Ion:136 Resp: 349484

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	7.1	6.6	9.8
68	5.3	5.0	7.4

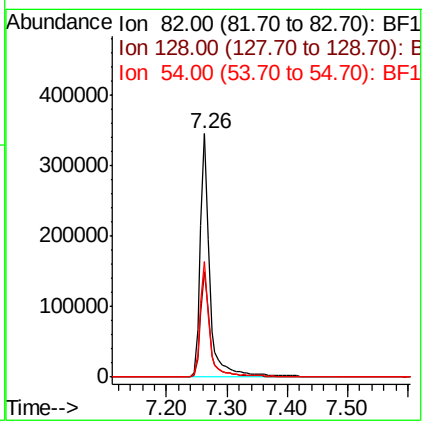


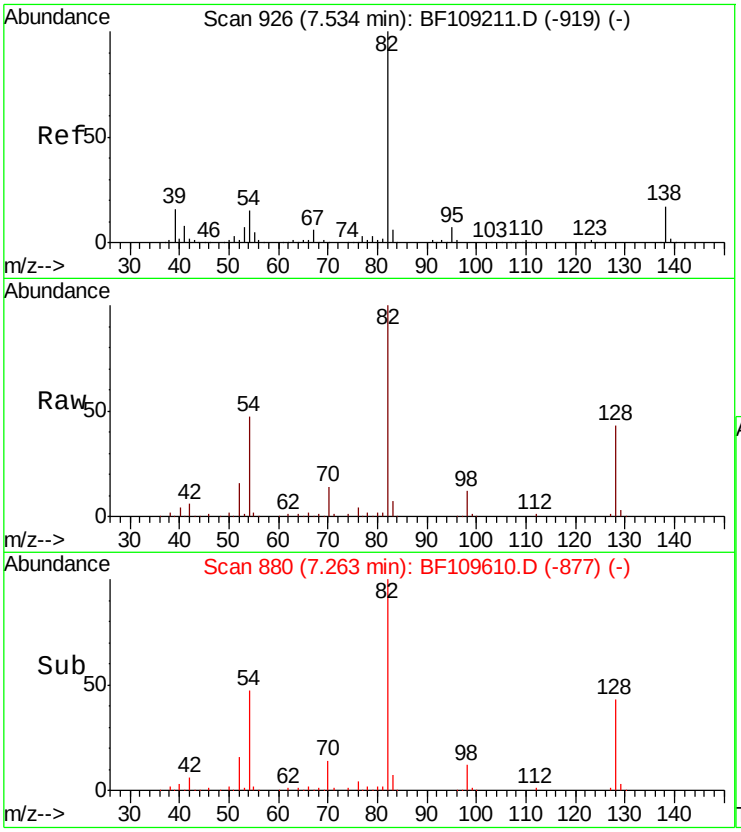


#23
Nitrobenzene-d5
Concen: 64.836 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF109610.D
Acq: 5 Oct 2018 14:16

Tgt Ion: 82 Resp: 383849

Ion	Ratio	Lower	Upper
82	100		
128	43.2	36.1	54.1
54	47.3	41.4	62.2



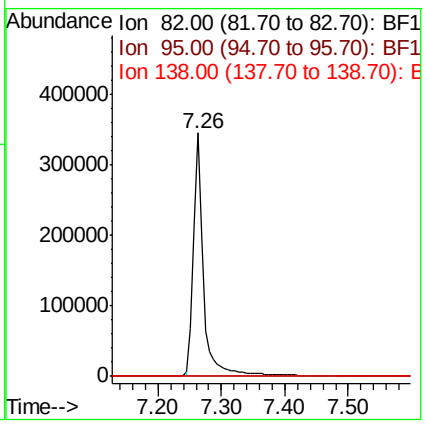


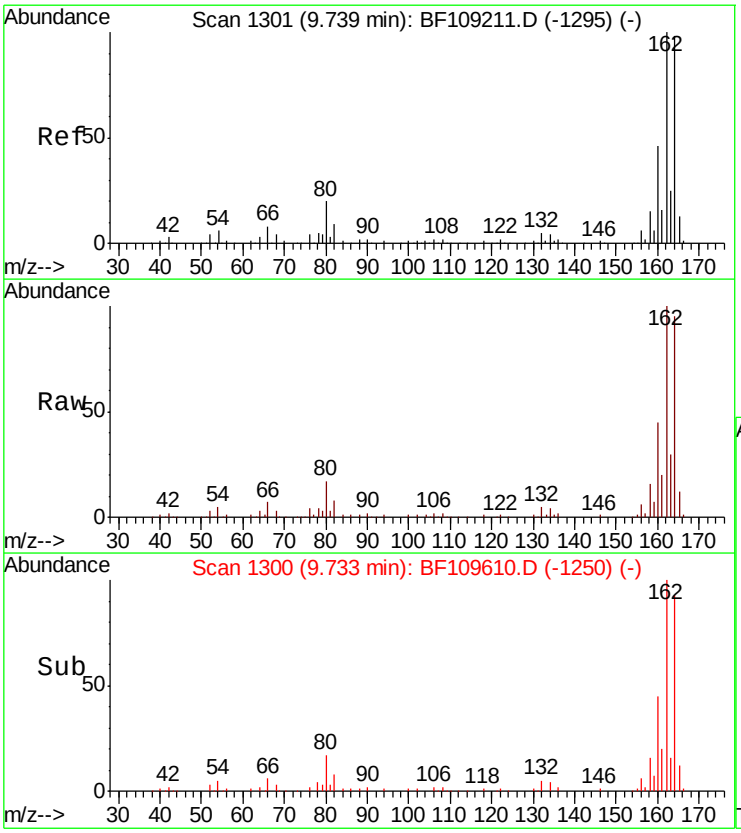
#25
Isophorone
Concen: 34.804 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.28 min
Lab File: BF109610.D
Acq: 5 Oct 2018 14:16

Instrument :
BNA_F
ClientSampleId :
SSSI-1001-S-DH-01

Tgt Ion: 82 Resp: 371042

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

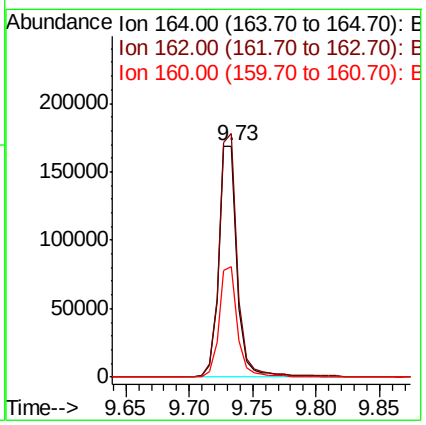


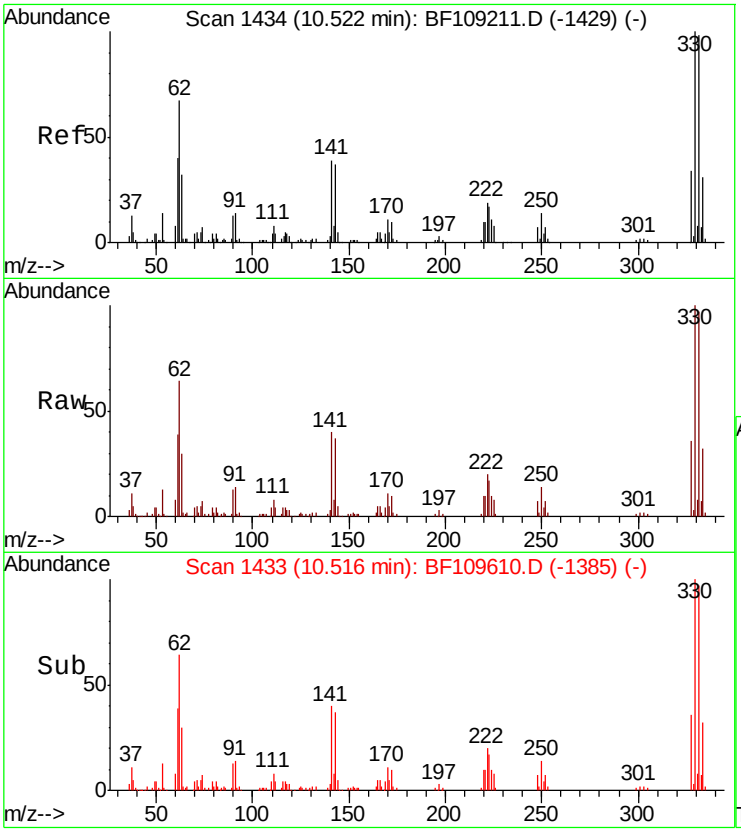


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF109610.D
Acq: 5 Oct 2018 14:16

Tgt Ion:164 Resp: 171483

Ion	Ratio	Lower	Upper
164	100		
162	105.4	86.1	129.1
160	47.8	38.3	57.5



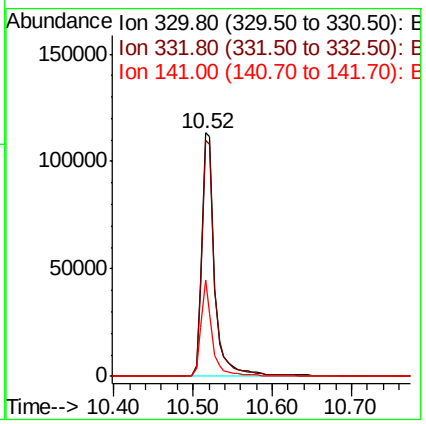


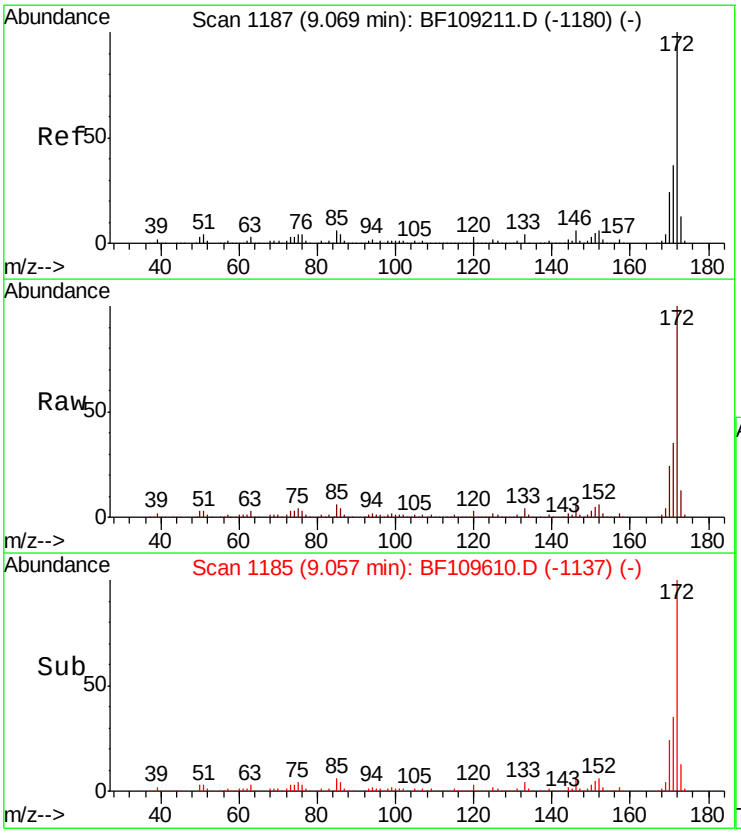
#41
2,4,6-Tribromophenol
Concen: 77.549 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.02 min
Lab File: BF109610.D
Acq: 5 Oct 2018 14:16

Instrument :
BNA_F
ClientSampleId :
SSSI-1001-S-DH-01

Tgt Ion:330 Resp: 131094

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	34.2	29.9	44.9

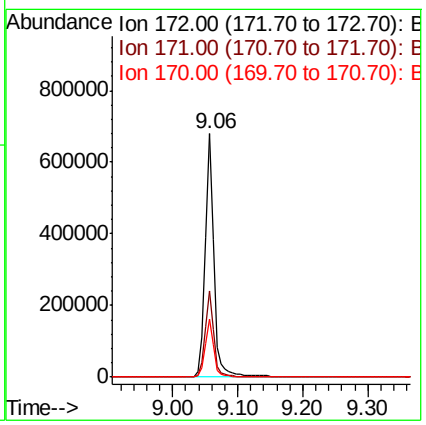


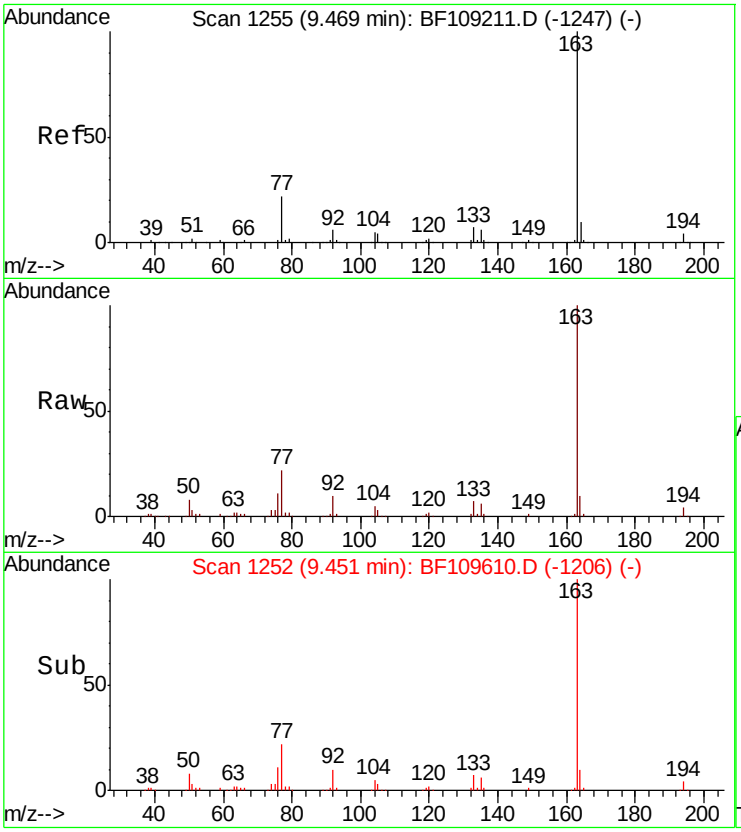


#44
2-Fluorobiphenyl
Concen: 56.927 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF109610.D
Acq: 5 Oct 2018 14:16

Tgt Ion:172 Resp: 647271

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.7	44.5
170	23.8	19.6	29.4



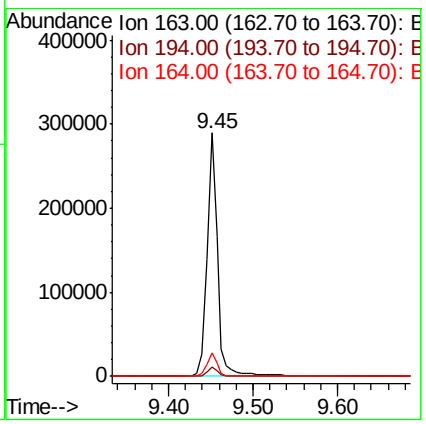


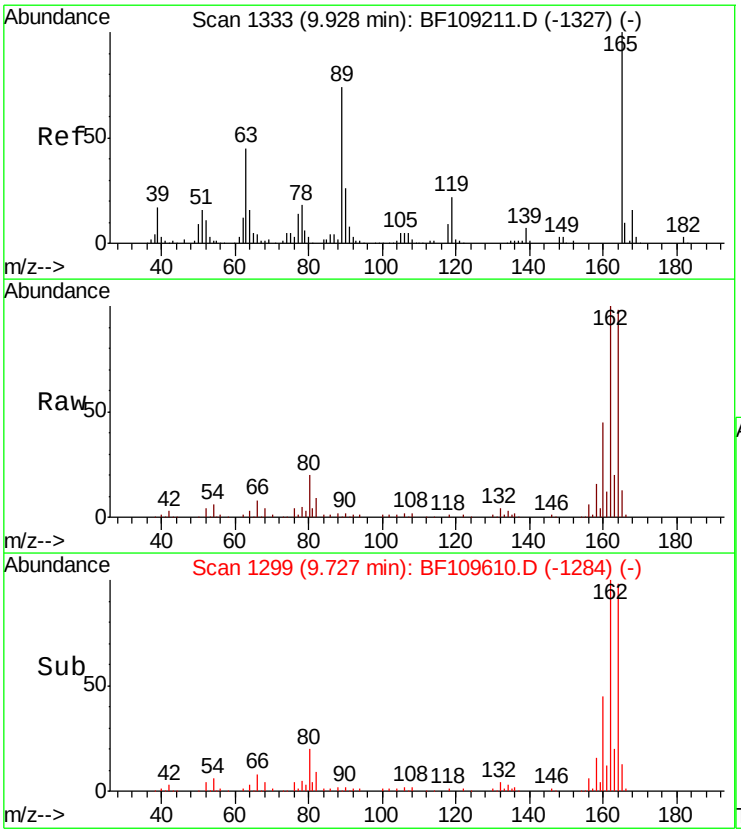
#49
Dimethylphthalate
Concen: 20.106 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109610.D
Acq: 5 Oct 2018 14:16

Instrument :
BNA_F
ClientSampleId :
SSSI-1001-S-DH-01

Tgt Ion:163 Resp: 250773

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	9.6	8.2	12.2

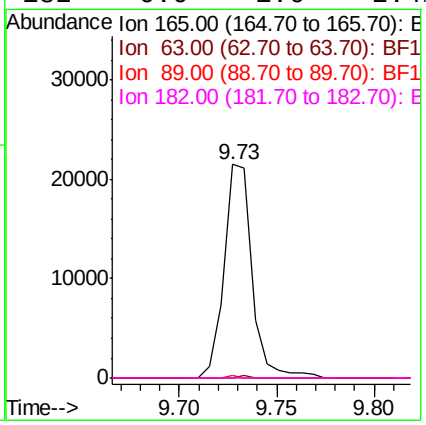


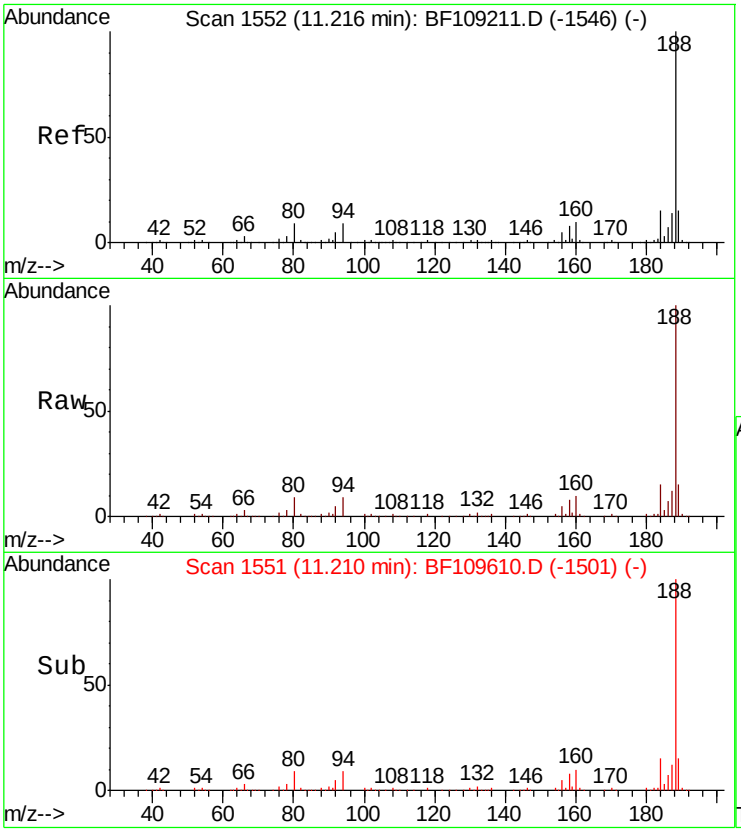


#56
2,4-Dinitrotoluene
Concen: 6.820 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.21 min
Lab File: BF109610.D
Acq: 5 Oct 2018 14:16

Tgt Ion:165 Resp: 21315

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



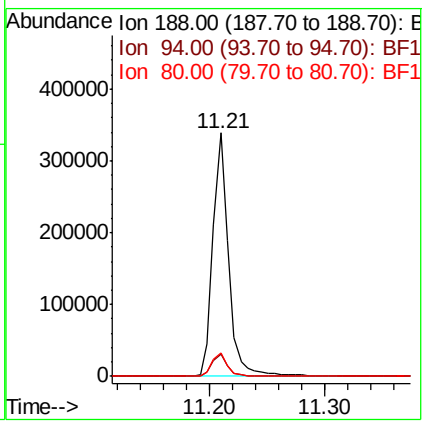


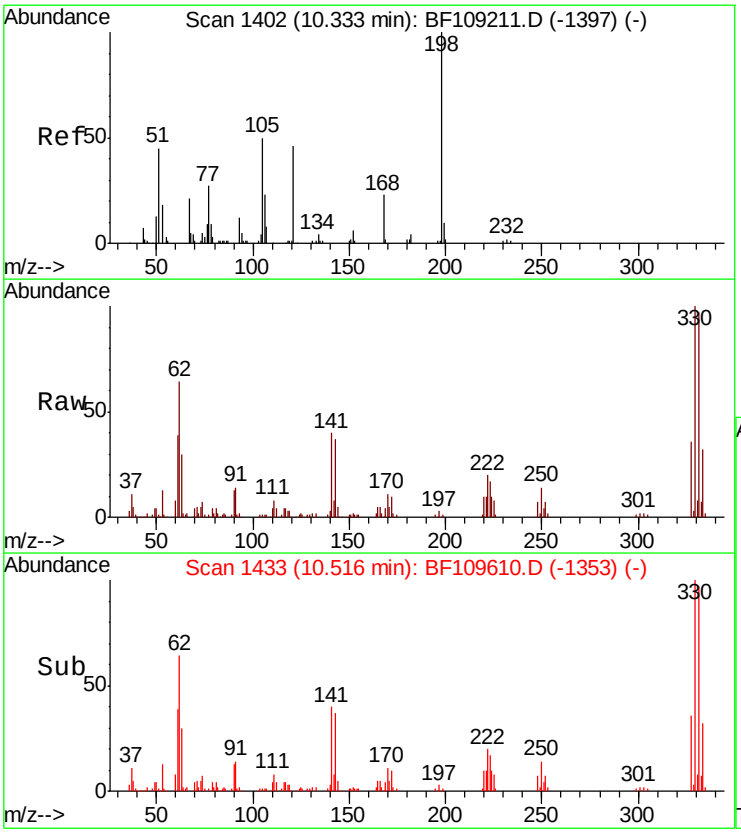
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109610.D
Acq: 5 Oct 2018 14:16

Instrument :
BNA_F
ClientSampleId :
SSSI-1001-S-DH-01

Tgt Ion:188 Resp: 320908

Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.5	12.7
80	9.4	9.2	13.8

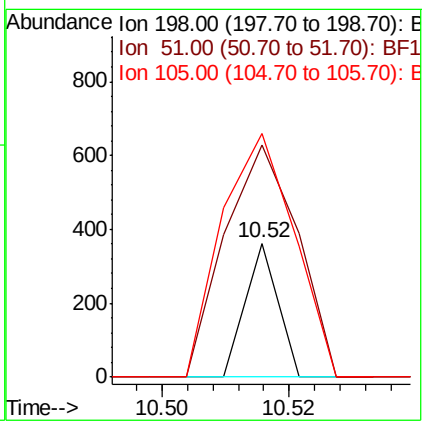


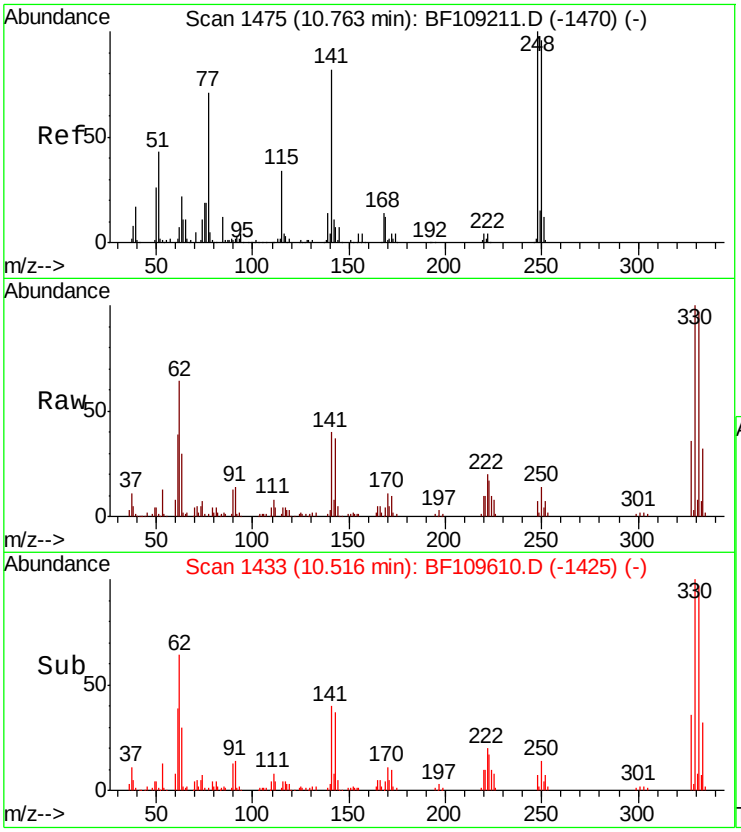


#64
4,6-Dinitro-2-methylphenol
Concen: 6.606 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.17 min
Lab File: BF109610.D
Acq: 5 Oct 2018 14:16

Tgt Ion:198 Resp: 128

Ion	Ratio	Lower	Upper
198	100		
51	173.6	37.7	77.7#
105	181.5	36.3	76.3#



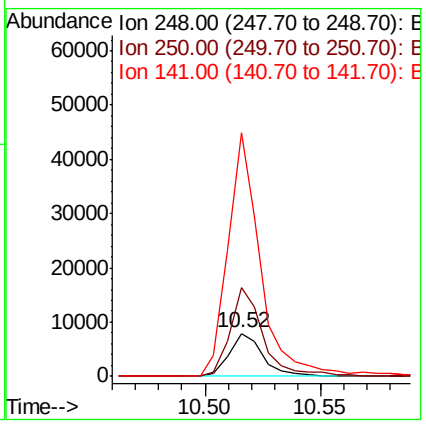


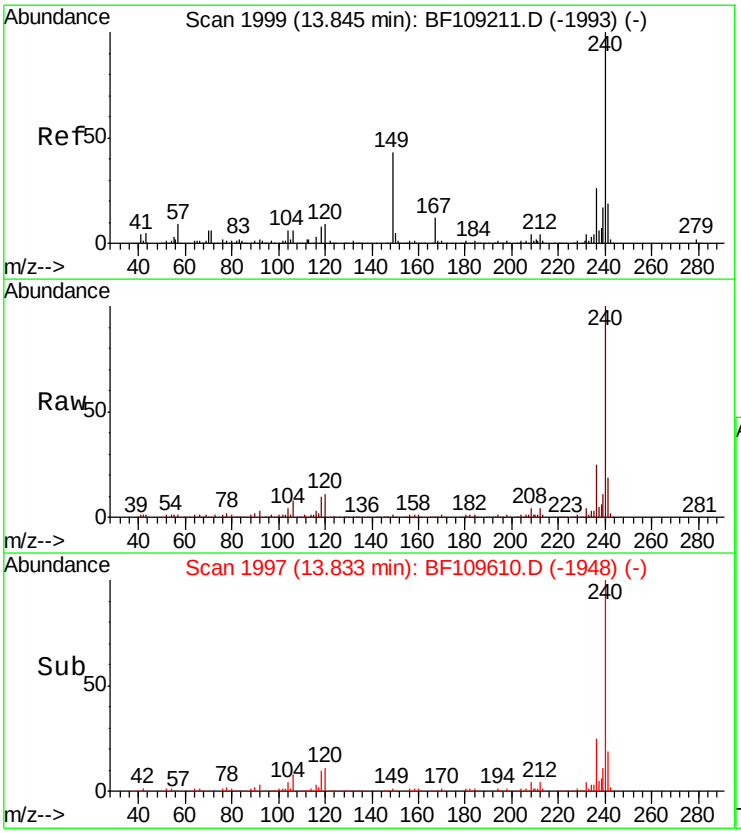
#66
4-Bromophenyl-phenylether
Concen: 2.219 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.25 min
Lab File: BF109610.D
Acq: 5 Oct 2018 14:16

Instrument :
BNA_F
ClientSampleId :
SSSI-1001-S-DH-01

Tgt Ion:248 Resp: 7908

Ion	Ratio	Lower	Upper
248	100		
250	206.7	76.9	115.3#
141	569.1	74.4	111.6#

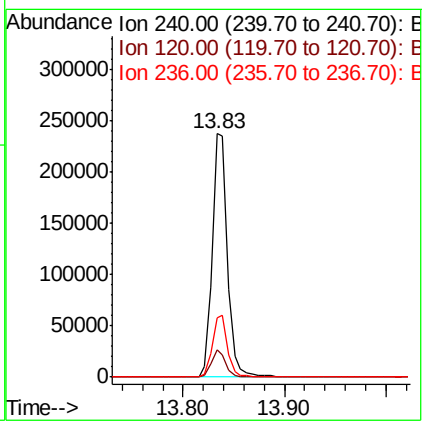


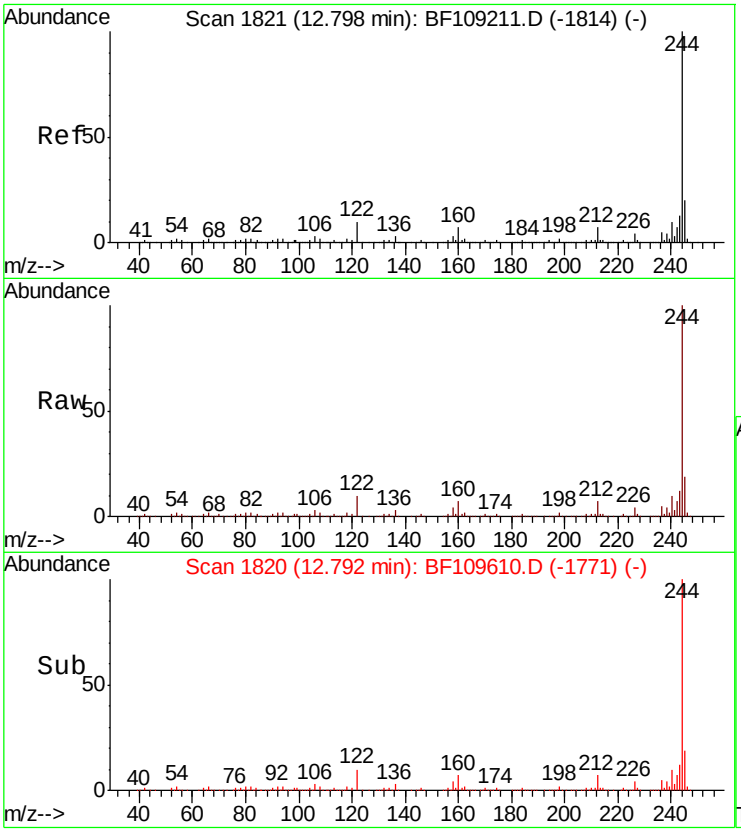


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF109610.D
Acq: 5 Oct 2018 14:16

Tgt Ion:240 Resp: 247989

Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.5	14.3
236	24.6	20.7	31.1



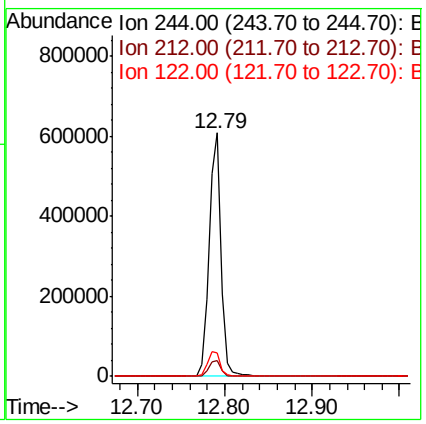


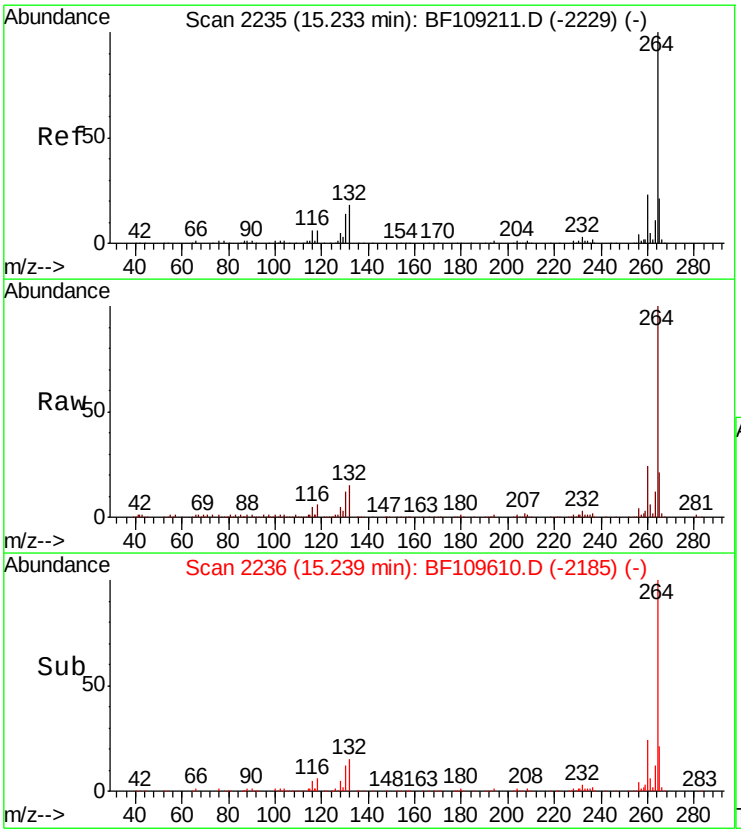
#78
Terphenyl-d14
Concen: 56.534 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF109610.D
Acq: 5 Oct 2018 14:16

Instrument :
BNA_F
ClientSampleId :
SSSI-1001-S-DH-01

Tgt Ion:244 Resp: 571266

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	9.5	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BF109610.D
Acq: 5 Oct 2018 14:16

Tgt Ion:264 Resp: 240989

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.4	17.5	26.3