Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091418\
Data File : BF109014.D
Acq On : 15 Sep 2018 00:02
Operator : JU/SJ
Sample : J4906-32
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-PIT-2

Quant Time: Sep 15 01:13:02 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 14 13:26:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	148677	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	560528	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	275845	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	530813	20.00	ng	0.00
75) Chrysene-d12	13.85	240	386072	20.00	ng	-0.01
86) Perylene-d12	15.25	264	377897	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	860403	96.12	ng	0.01
7) Phenol-d6	6.35	99	1009210	87.43	ng	0.00
23) Nitrobenzene-d5	7.28	82	794678	79.52	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	335419	112.04	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1414577	80.34	ng	0.00
78) Terphenyl-d14	12.81	244	1416482	86.96	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.28	70	106777	13.995	ng	# 77
25) Isophorone	7.28	82	789740	45.972	ng	# 64
31) Naphthalene	8.02	128	86748	3.334	ng	97
49) Dimethylphthalate	9.75	163	71169	3.610	ng	# 1
50) 2,6-Dinitrotoluene	9.75	165	34755	7.949	ng	# 25
56) 2,4-Dinitrotoluene	9.75	165	34755	6.078	ng	# 23
66) 4-Bromophenyl-phenylether	10.54	248	20419	3.412	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091418\
Data File : BF109014.D
Acq On : 15 Sep 2018 00:02
Operator : JU/SJ
Sample : J4906-32
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
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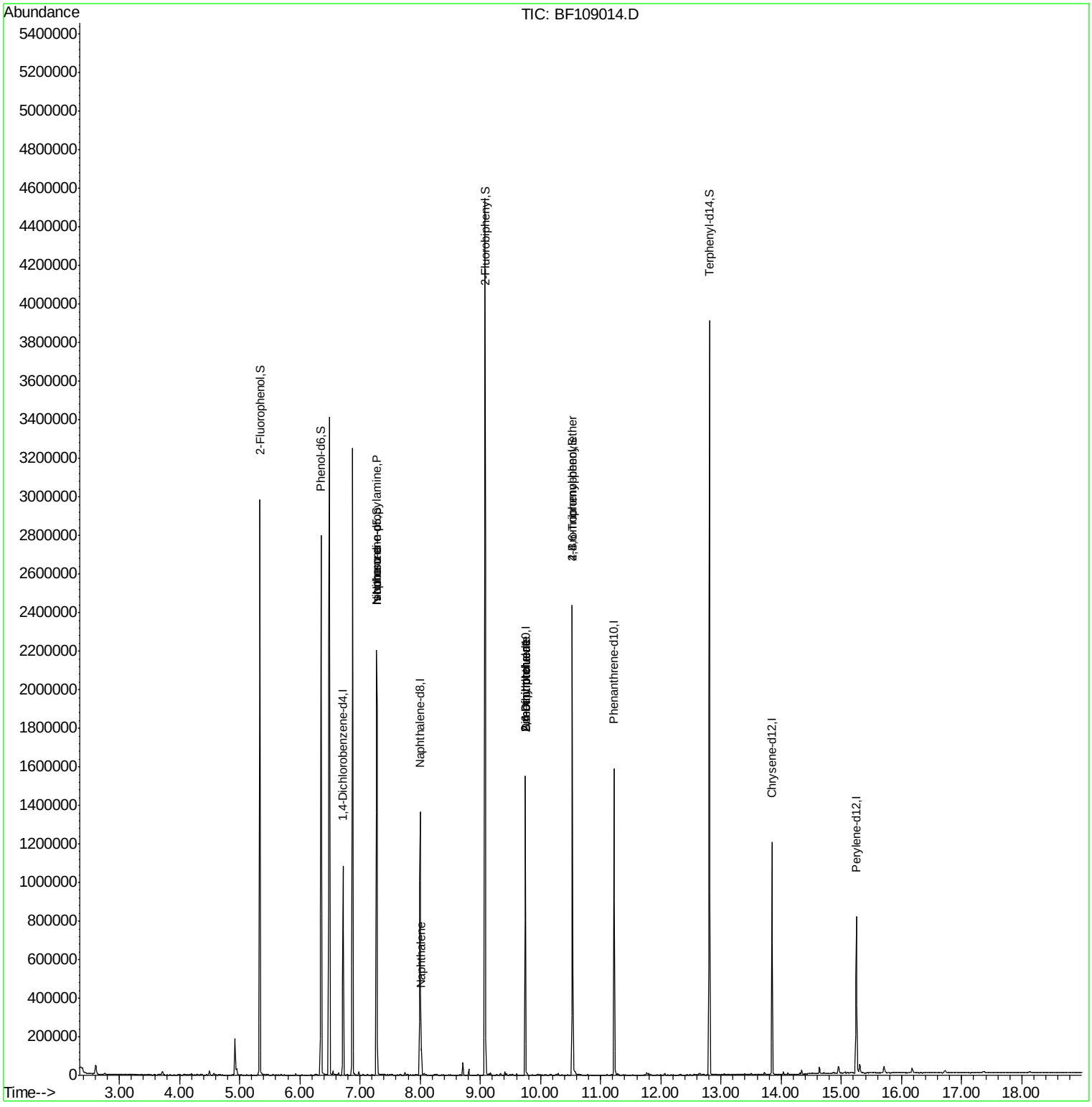
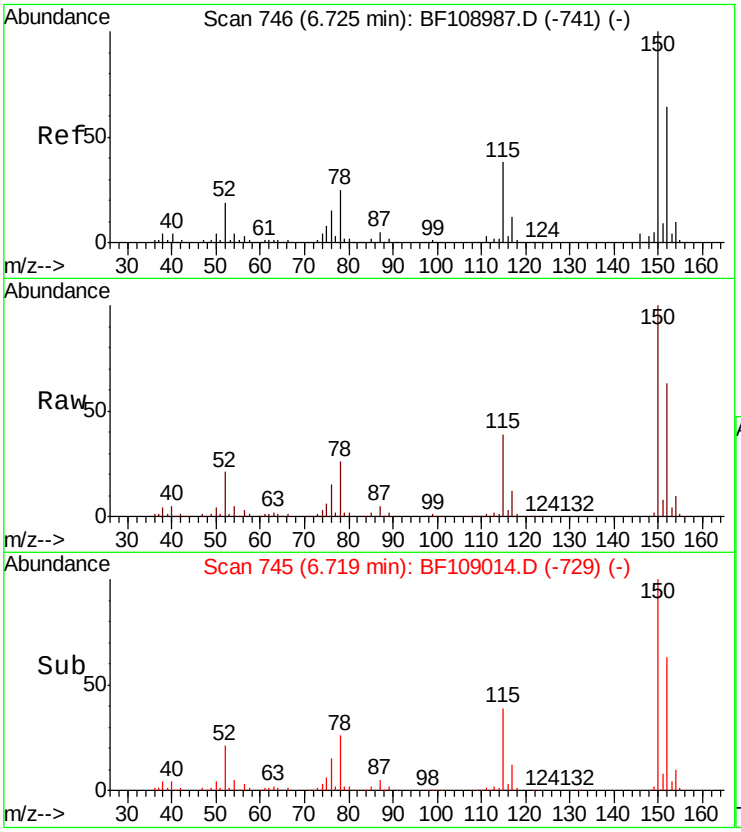
QLast Update : Fri Sep 14 13:26:52 2018
Response via : Initial Calibration



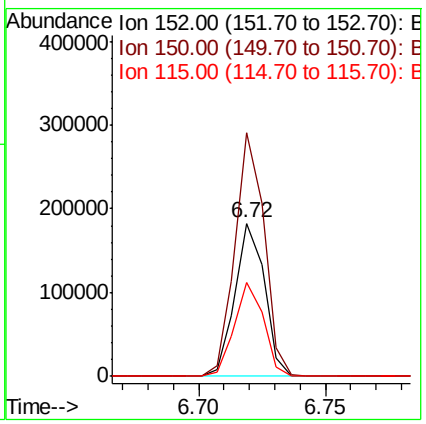


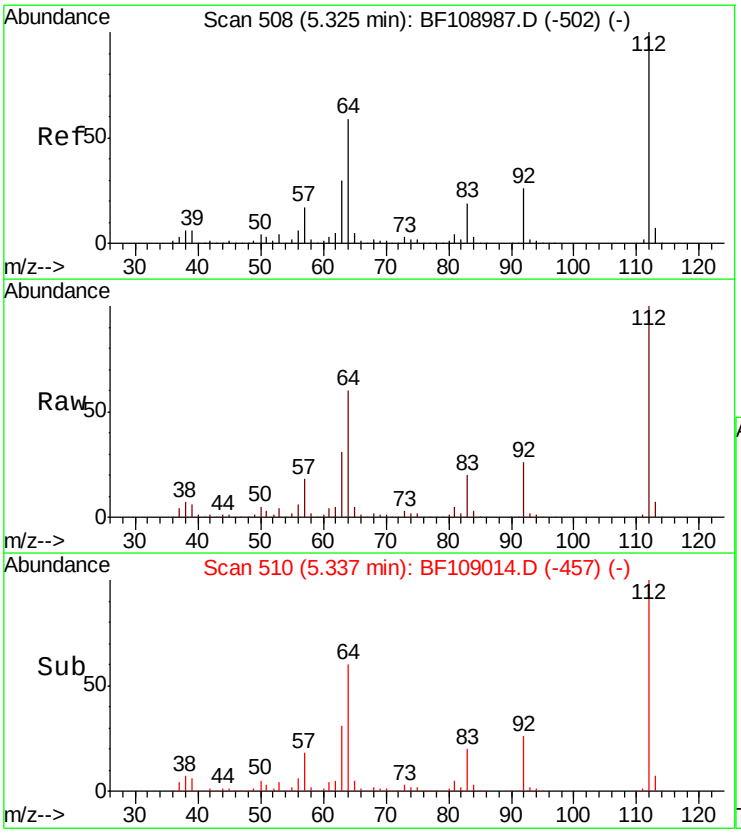
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109014.D
Acq: 15 Sep 2018 00:02

Instrument :
BNA_F
ClientSampleId :
SP-PIT-2

Tgt Ion:152 Resp: 148677

Ion	Ratio	Lower	Upper
152	100		
150	158.9	124.6	186.8
115	61.7	50.1	75.1

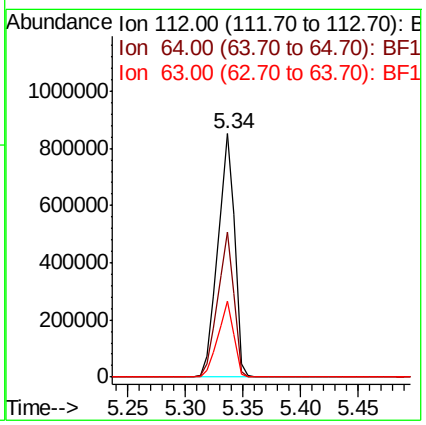


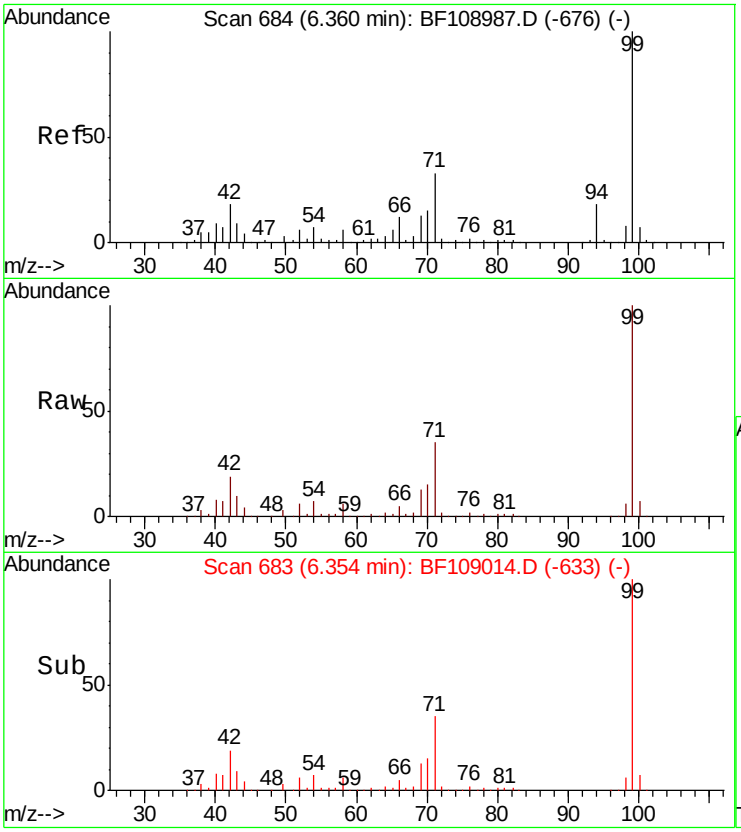


#5
2-Fluorophenol
Concen: 96.116 ng
RT: 5.34 min Scan# 510
Delta R.T. 0.01 min
Lab File: BF109014.D
Acq: 15 Sep 2018 00:02

Tgt Ion:112 Resp: 860403

Ion	Ratio	Lower	Upper
112	100		
64	59.7	47.9	71.9
63	31.3	23.7	35.5



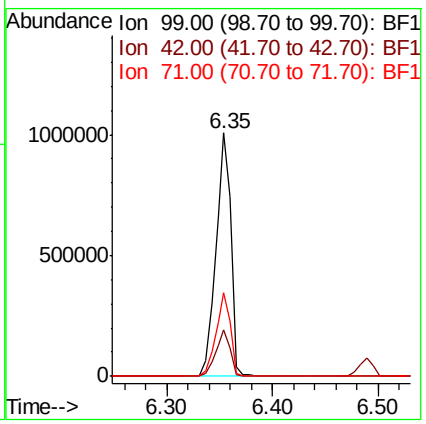


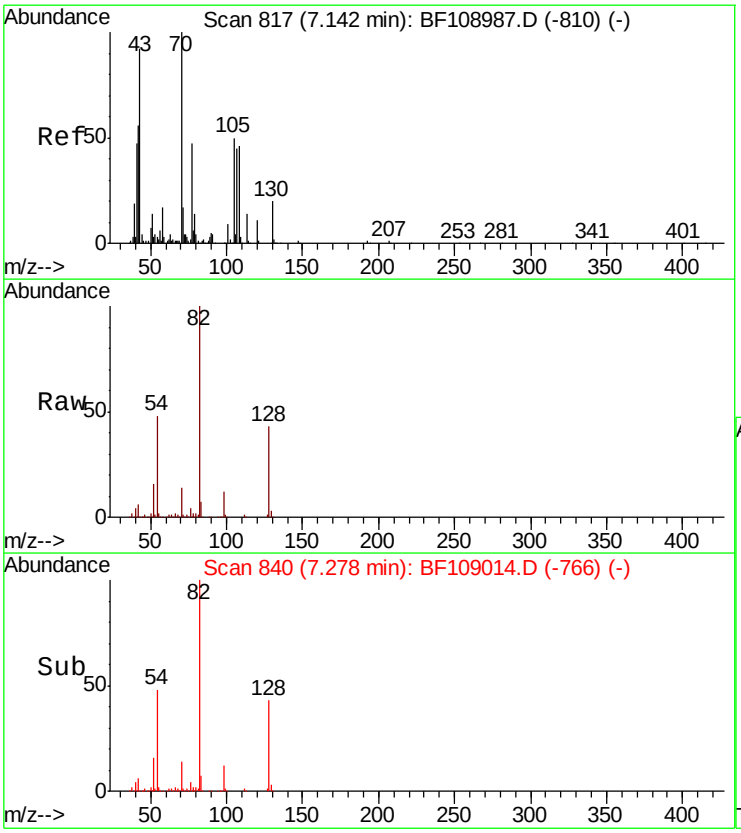
#7
Phenol-d6
Concen: 87.432 ng
RT: 6.35 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF109014.D
Acq: 15 Sep 2018 00:02

Instrument :
BNA_F
ClientSampleId :
SP-PIT-2

Tgt Ion: 99 Resp: 1009210

Ion	Ratio	Lower	Upper
99	100		
42	18.9	14.5	21.7
71	34.5	25.4	38.0

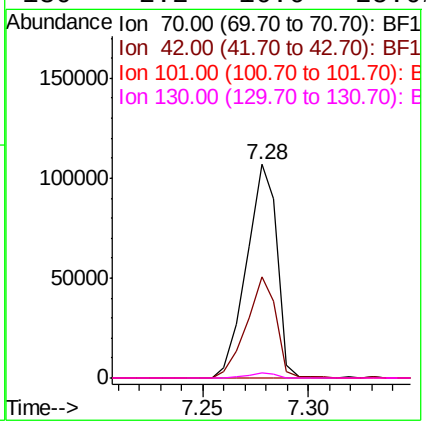


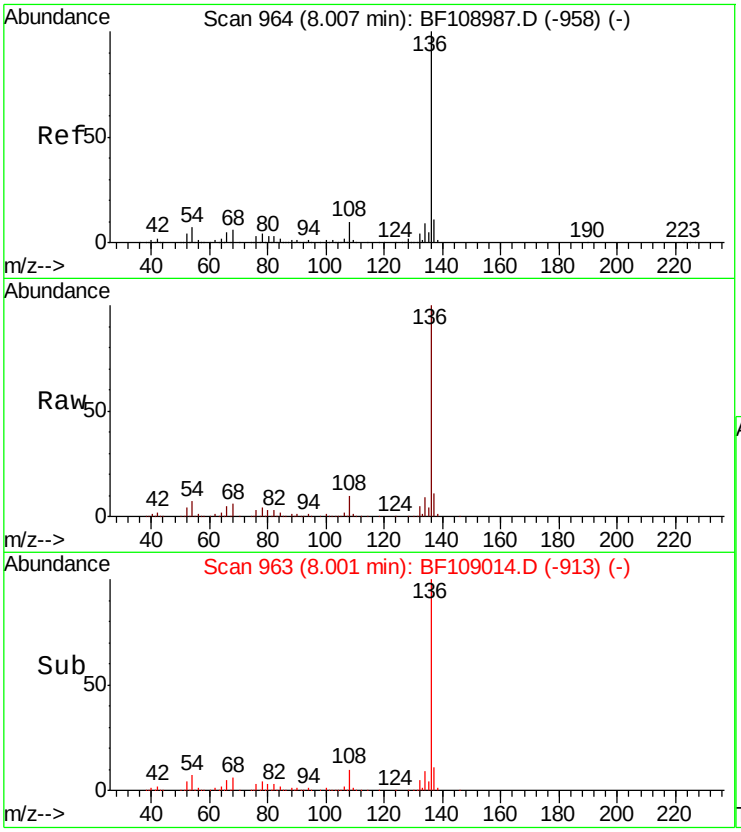


#19
n-Nitroso-di-n-propylamine
Concen: 13.995 ng
RT: 7.28 min Scan# 840
Delta R.T. 0.14 min
Lab File: BF109014.D
Acq: 15 Sep 2018 00:02

Tgt Ion: 70 Resp: 106777

Ion	Ratio	Lower	Upper
70	100		
42	47.2	47.5	71.3#
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



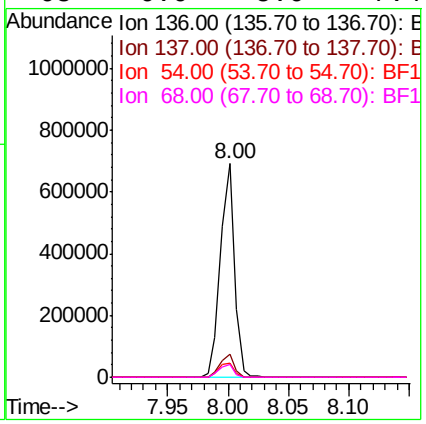


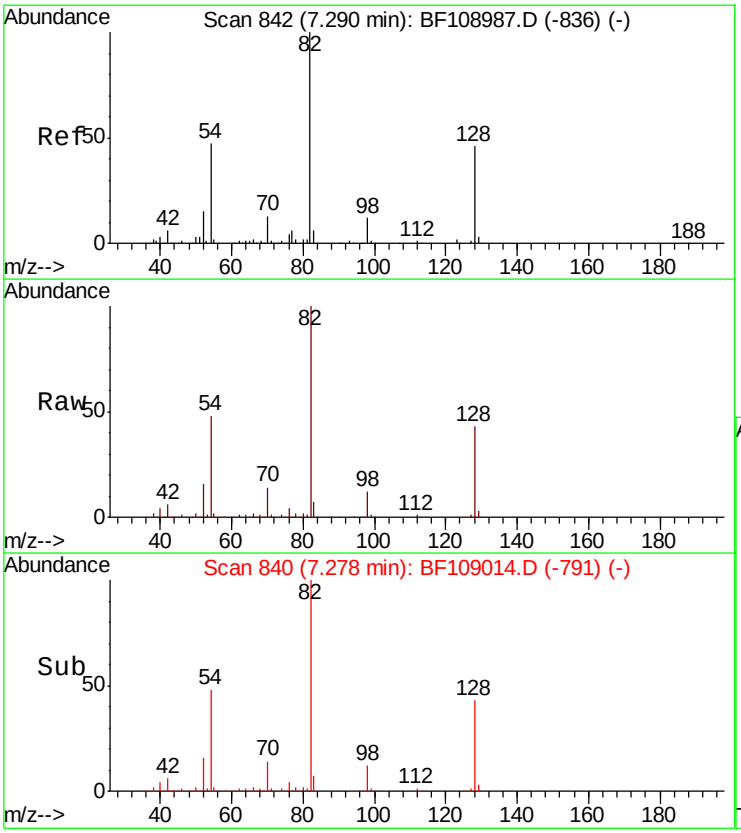
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109014.D
Acq: 15 Sep 2018 00:02

Instrument :
BNA_F
ClientSampleId :
SP-PIT-2

Tgt Ion:136 Resp: 560528

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.9	6.6	9.8
68	6.0	5.0	7.4

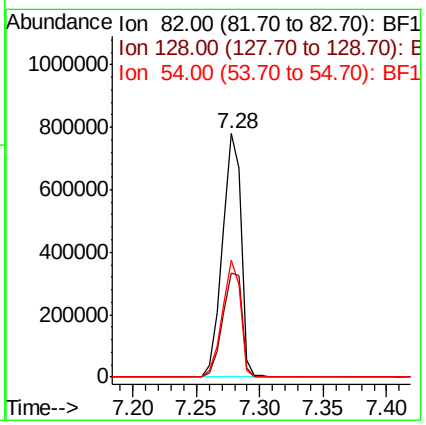


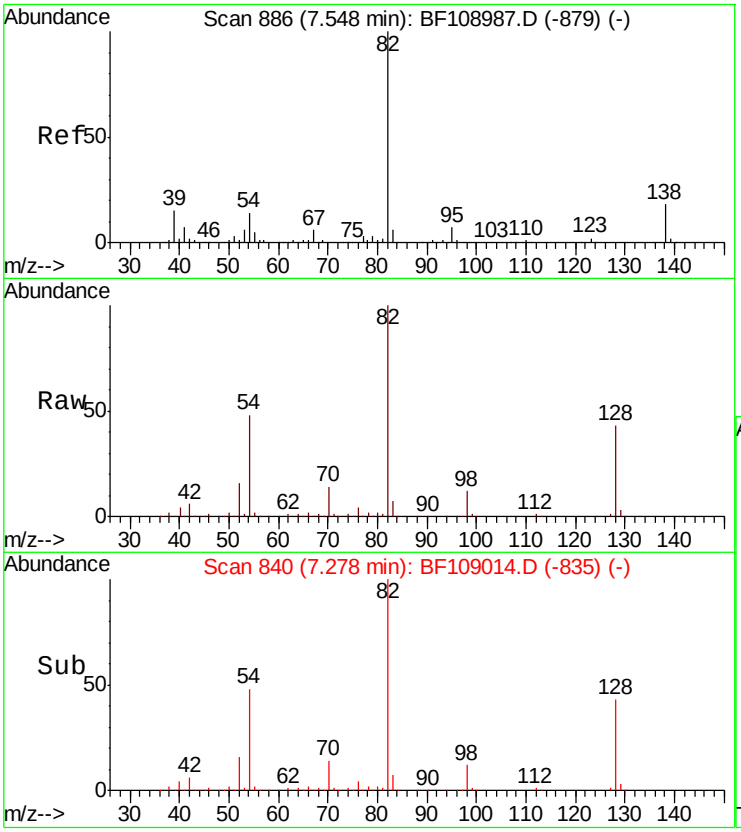


#23
Nitrobenzene-d5
Concen: 79.518 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF109014.D
Acq: 15 Sep 2018 00:02

Tgt Ion: 82 Resp: 794678

Ion	Ratio	Lower	Upper
82	100		
128	42.9	36.1	54.1
54	48.0	41.4	62.2



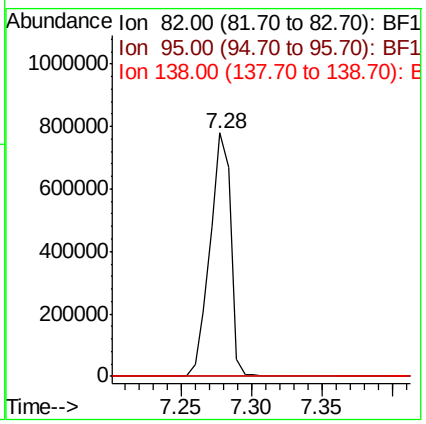


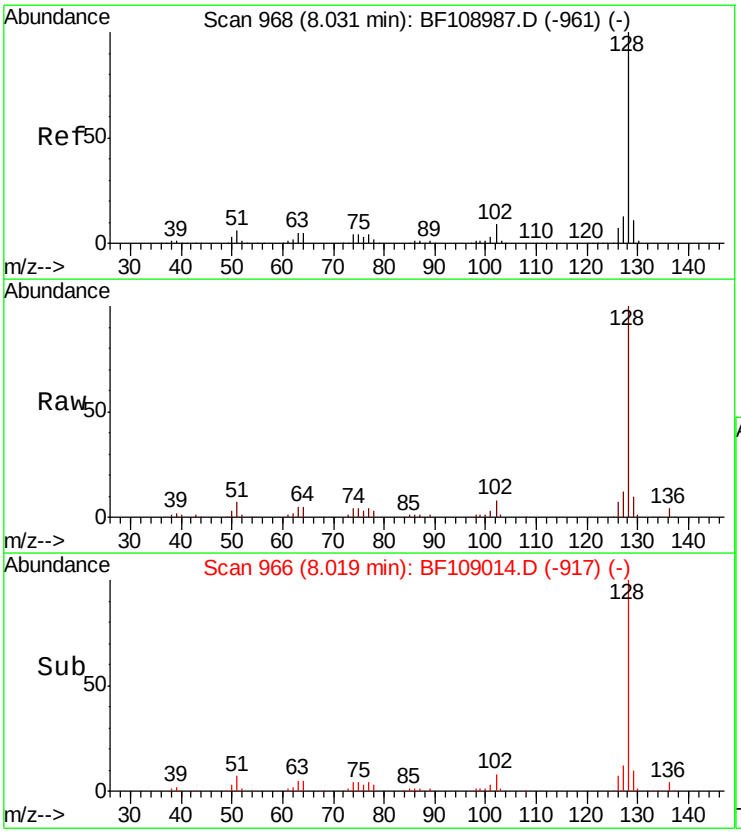
#25
Isophorone
Concen: 45.972 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.27 min
Lab File: BF109014.D
Acq: 15 Sep 2018 00:02

Instrument :
BNA_F
ClientSampleId :
SP-PIT-2

Tgt Ion: 82 Resp: 789740

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

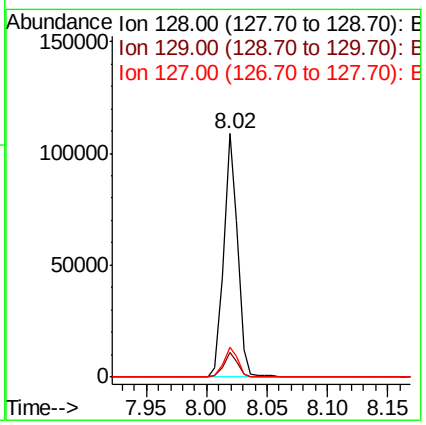


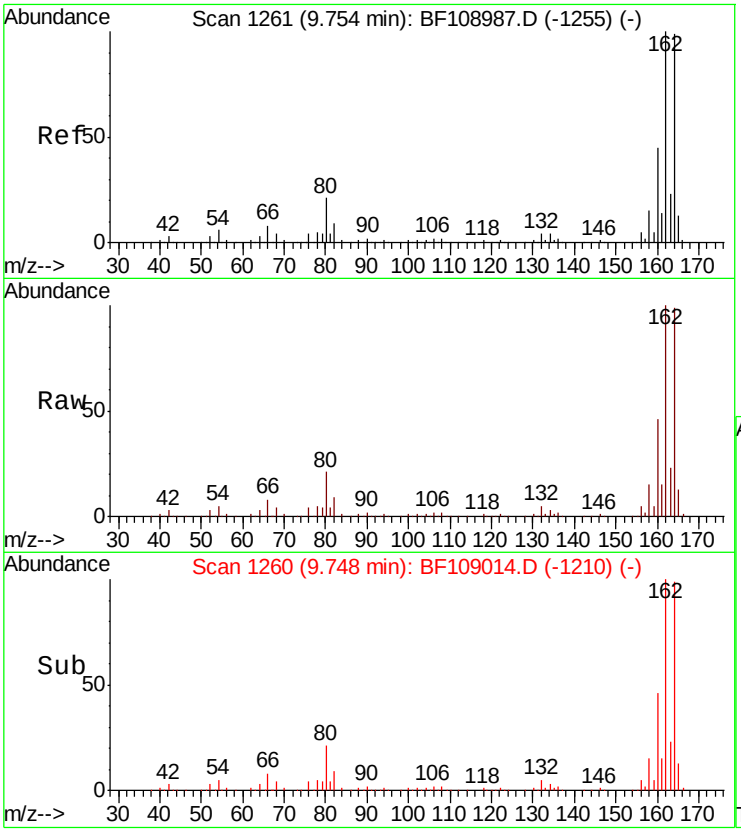


#31
Naphthalene
Concen: 3.334 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.01 min
Lab File: BF109014.D
Acq: 15 Sep 2018 00:02

Tgt Ion:128 Resp: 86748

Ion	Ratio	Lower	Upper
128	100		
129	10.1	8.8	13.2
127	12.1	10.9	16.3



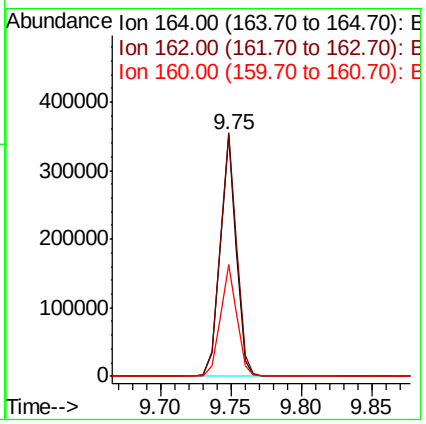


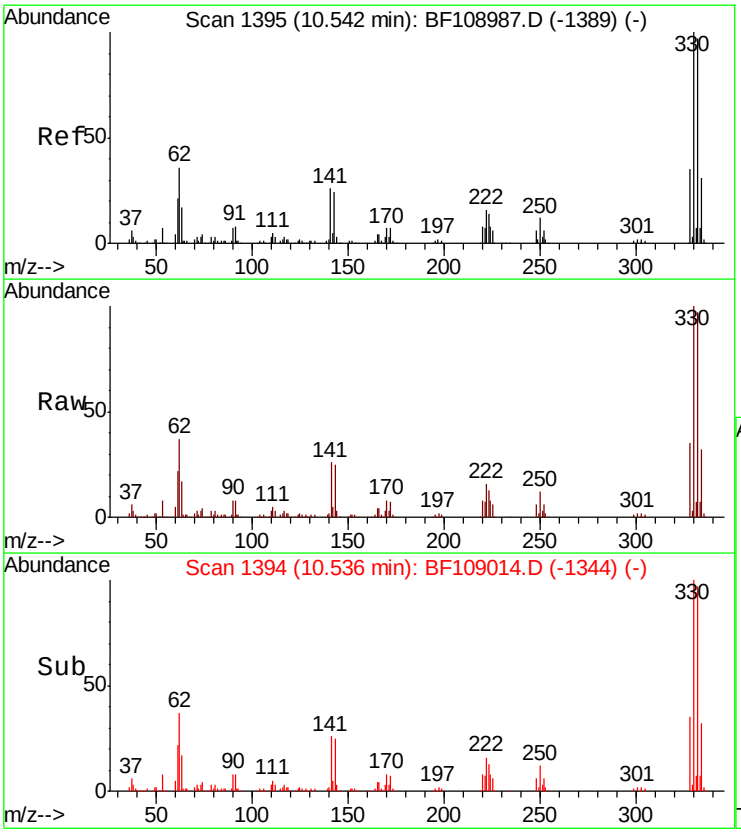
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF109014.D
Acq: 15 Sep 2018 00:02

Instrument :
BNA_F
ClientSampleId :
SP-PIT-2

Tgt Ion:164 Resp: 275845

Ion	Ratio	Lower	Upper
164	100		
162	100.9	86.1	129.1
160	46.1	38.3	57.5

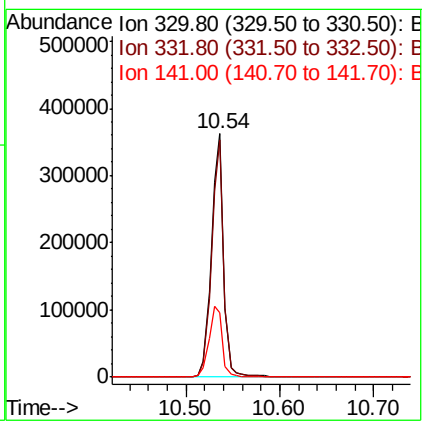


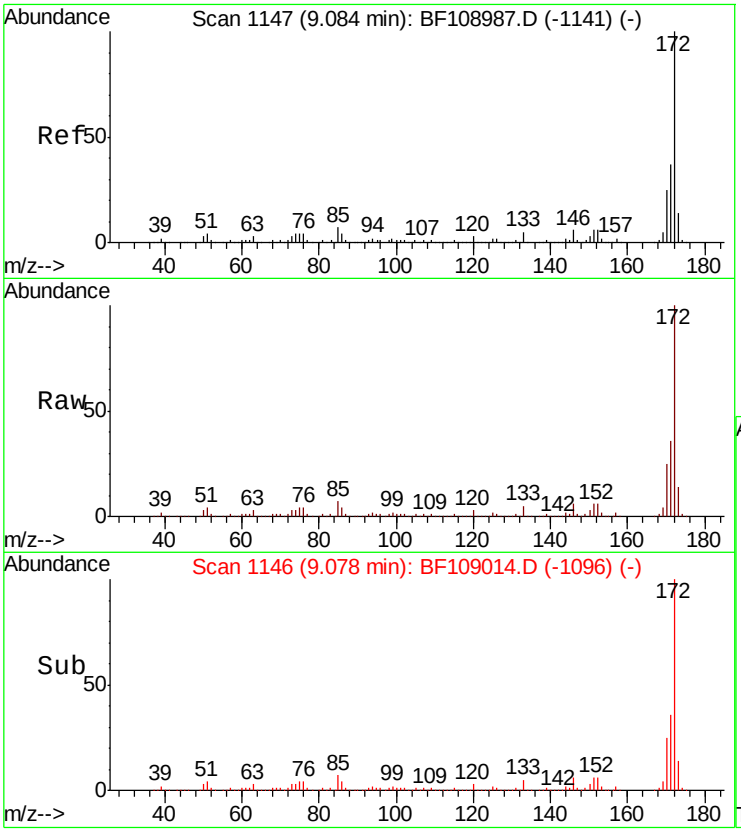


#41
2,4,6-Tribromophenol
Concen: 112.043 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF109014.D
Acq: 15 Sep 2018 00:02

Tgt Ion:330 Resp: 335419

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	31.9	29.9	44.9



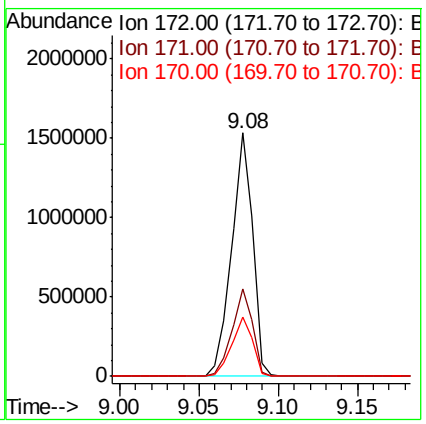


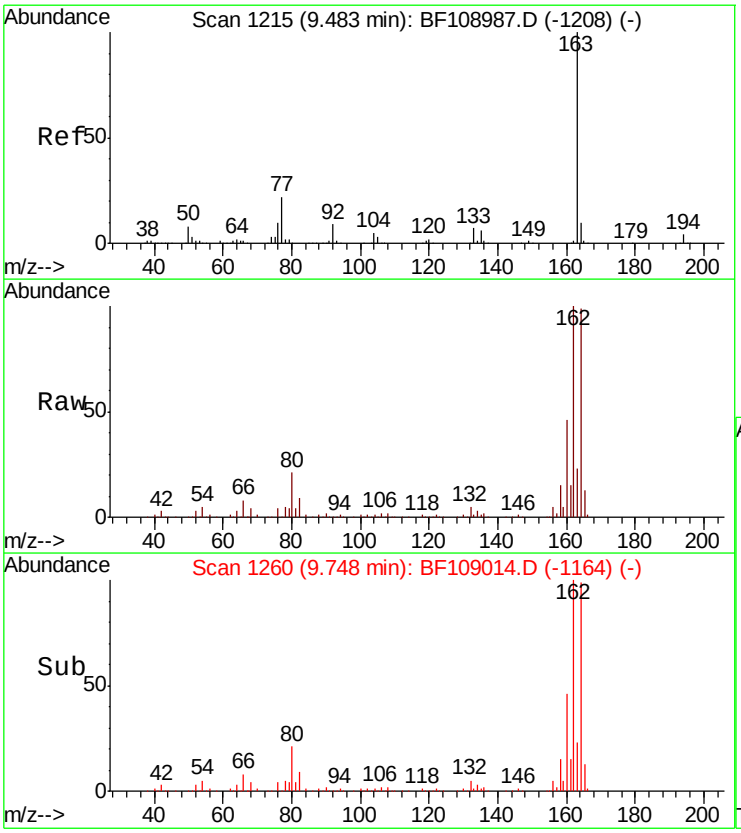
#44
2-Fluorobiphenyl
Concen: 80.344 ng
RT: 9.08 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF109014.D
Acq: 15 Sep 2018 00:02

Instrument :
BNA_F
ClientSampleId :
SP-PIT-2

Tgt Ion:172 Resp: 1414577

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.6	19.6	29.4

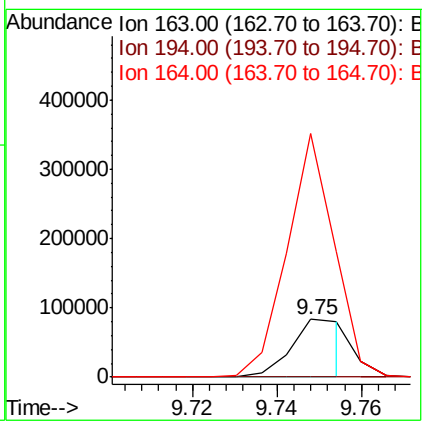


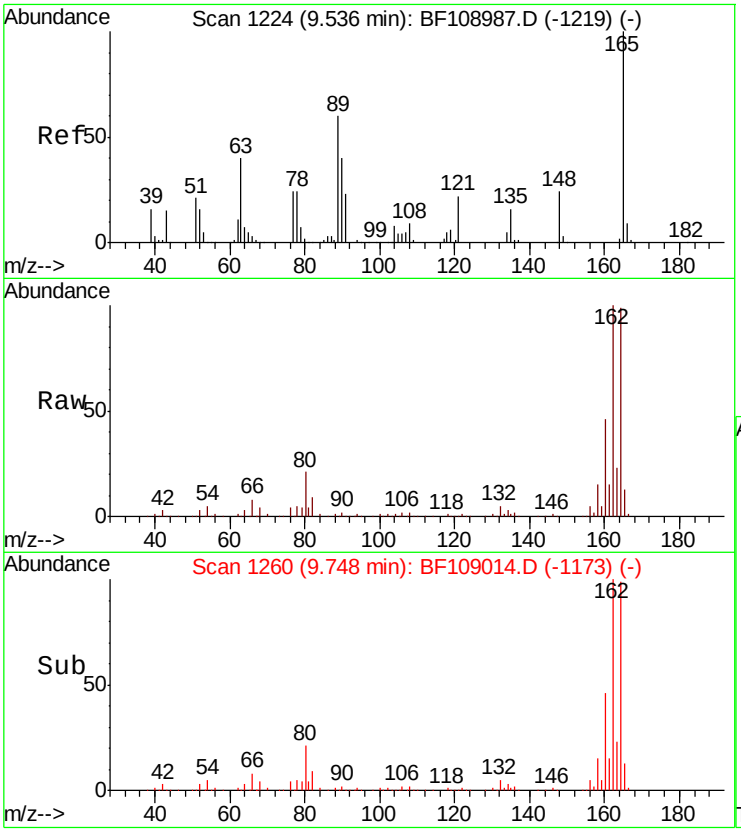


#49
Dimethylphthalate
Concen: 3.610 ng
RT: 9.75 min Scan# 1260
Delta R.T. 0.26 min
Lab File: BF109014.D
Acq: 15 Sep 2018 00:02

Tgt Ion:163 Resp: 71169

Ion	Ratio	Lower	Upper
163	100		
194	0.0	2.7	4.1#
164	421.6	8.2	12.2#



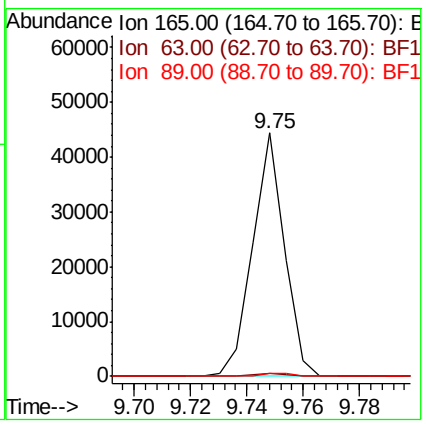


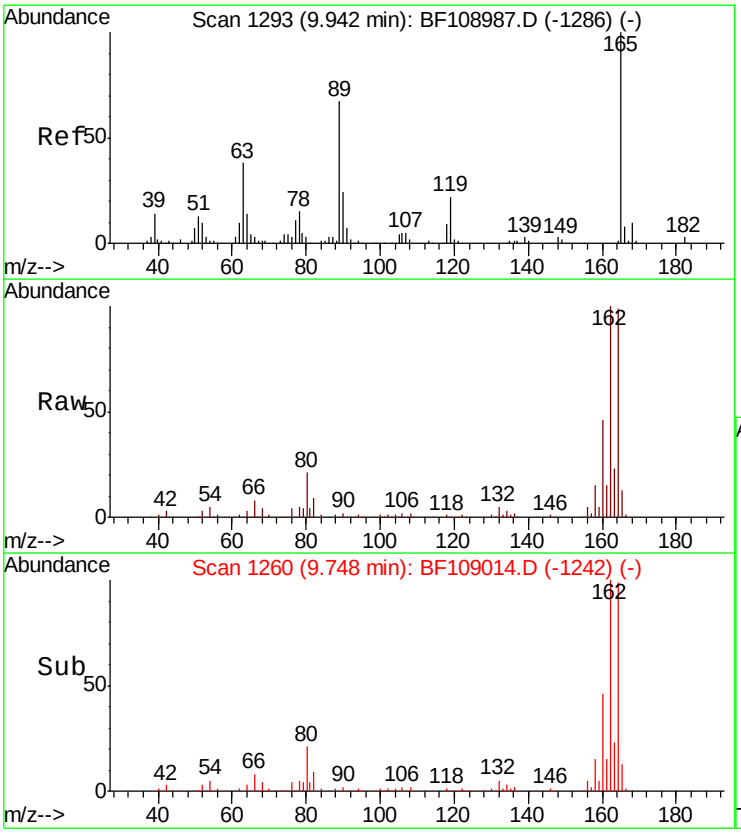
#50
2,6-Dinitrotoluene
Concen: 7.949 ng
RT: 9.75 min Scan# 1260
Delta R.T. 0.21 min
Lab File: BF109014.D
Acq: 15 Sep 2018 00:02

Instrument :
BNA_F
ClientSampleId :
SP-PIT-2

Tgt Ion:165 Resp: 34755

Ion	Ratio	Lower	Upper
165	100		
63	1.1	44.7	67.1#
89	1.0	44.0	66.0#

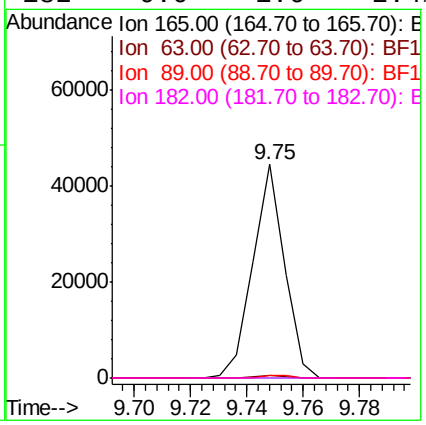


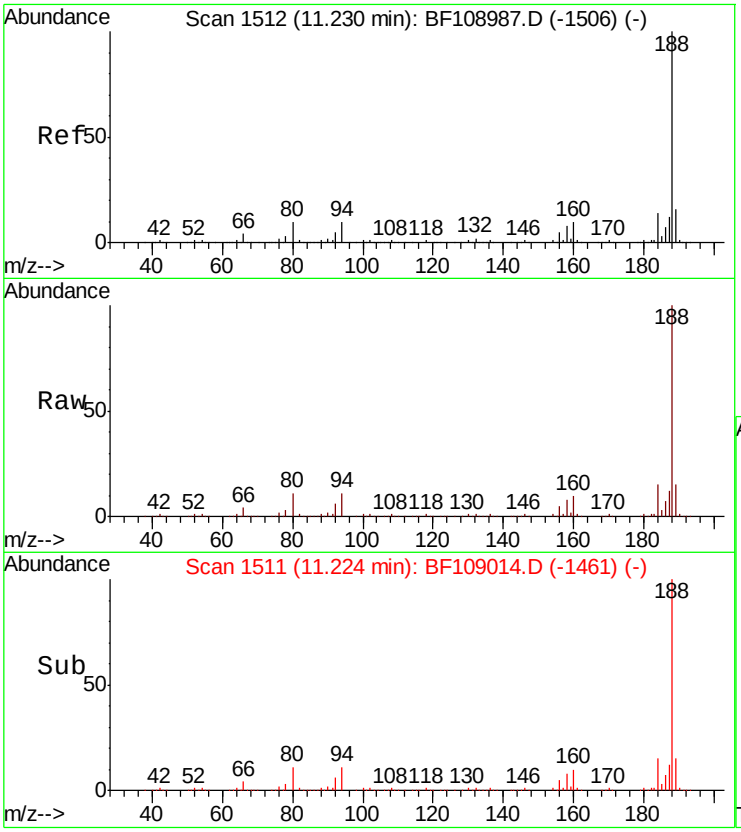


#56
2,4-Dinitrotoluene
Concen: 6.078 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.19 min
Lab File: BF109014.D
Acq: 15 Sep 2018 00:02

Tgt Ion:165 Resp: 34755

Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.0	57.8	86.6#
182	0.0	1.6	2.4#



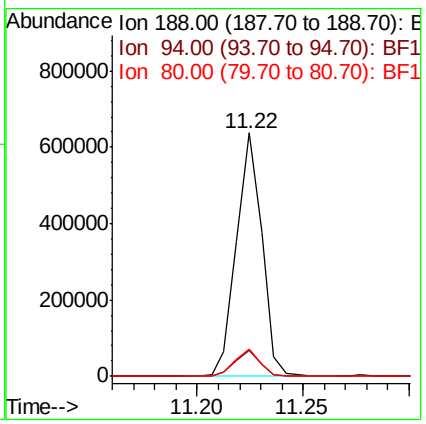


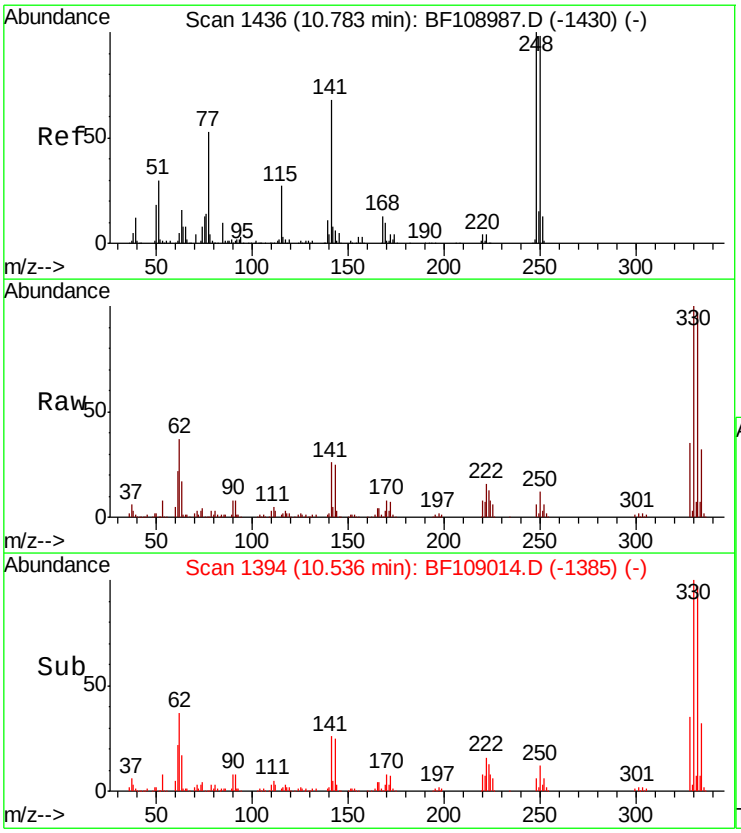
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF109014.D
Acq: 15 Sep 2018 00:02

Instrument :
BNA_F
ClientSampleId :
SP-PIT-2

Tgt Ion:188 Resp: 530813

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	11.4	9.2	13.8

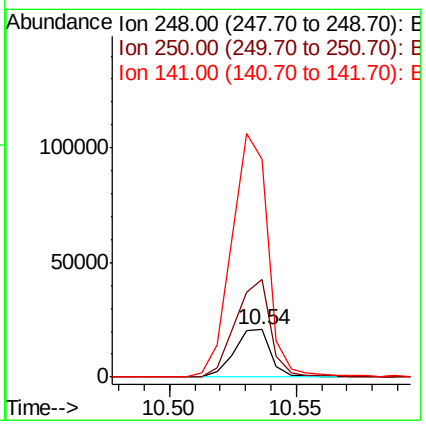


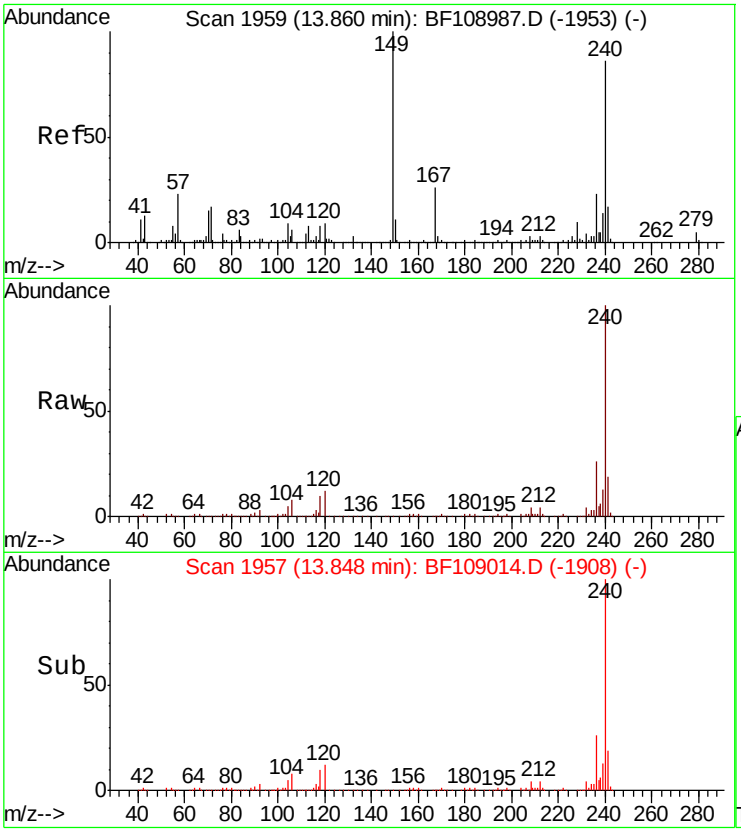


#66
4-Bromophenyl-phenylether
Concen: 3.412 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.25 min
Lab File: BF109014.D
Acq: 15 Sep 2018 00:02

Tgt Ion:248 Resp: 20419

Ion	Ratio	Lower	Upper
248	100		
250	205.5	76.9	115.3#
141	461.3	74.4	111.6#



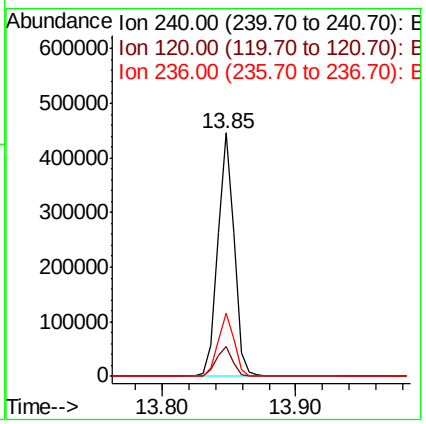


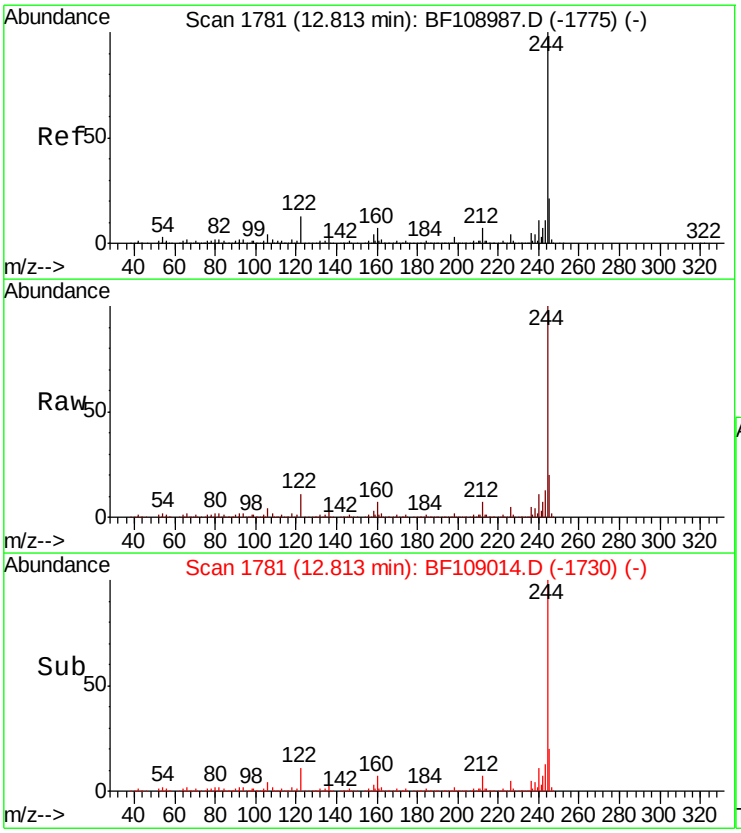
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BF109014.D
Acq: 15 Sep 2018 00:02

Instrument :
BNA_F
ClientSampleId :
SP-PIT-2

Tgt Ion:240 Resp: 386072

Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.5	14.3
236	25.8	20.7	31.1

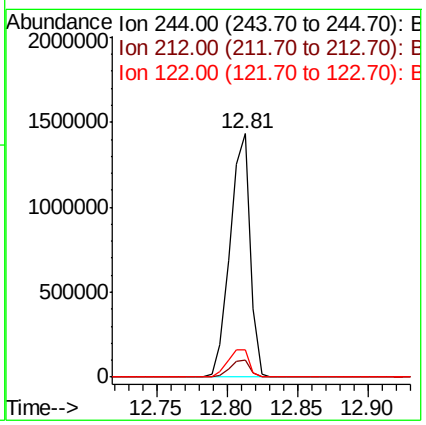


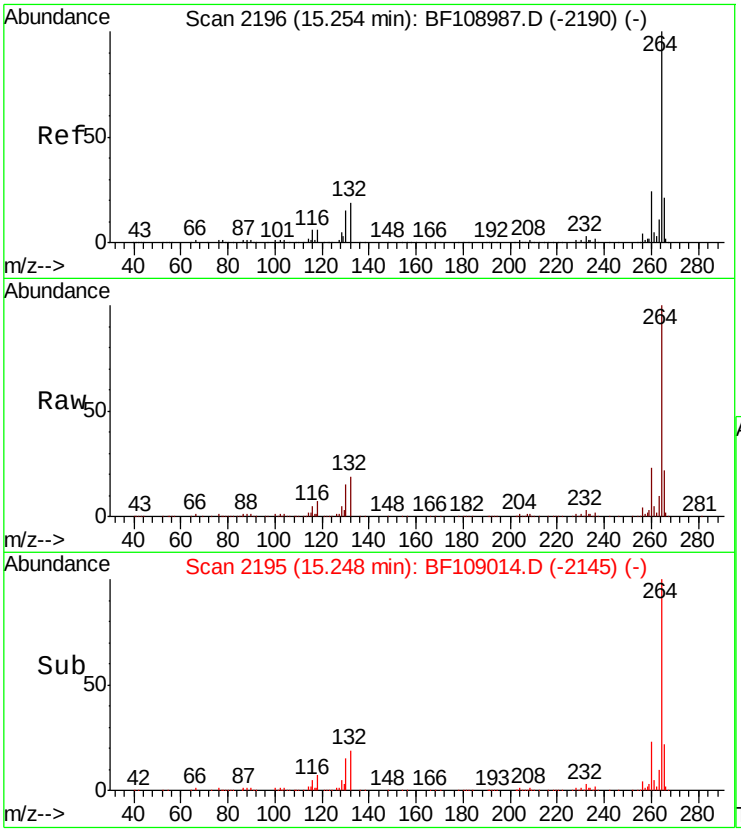


#78
Terphenyl-d14
Concen: 86.964 ng
RT: 12.81 min Scan# 1781
Delta R.T. -0.00 min
Lab File: BF109014.D
Acq: 15 Sep 2018 00:02

Tgt Ion:244 Resp: 1416482

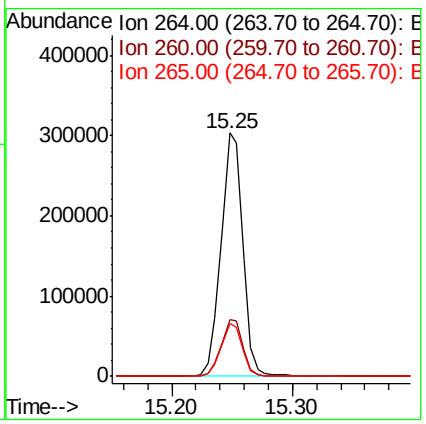
Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	11.0	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF109014.D
Acq: 15 Sep 2018 00:02

Instrument :
BNA_F
ClientSampleId :
SP-PIT-2

Tgt Ion:264 Resp: 377897

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.8	17.5	26.3