Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112118\
Data File : BF110932.D
Acq On : 21 Nov 2018 17:00
Operator : JU/SJ
Sample : J5772-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-112018-A

Quant Time: Nov 21 22:08:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 12:43:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	57694	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	236829	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	104717	20.00	ng	-0.01
64) Phenanthrene-d10	11.48	188	171849	20.00	ng	0.00
76) Chrysene-d12	14.13	240	128884	20.00	ng	0.00
87) Perylene-d12	15.67	264	103917	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	356306	100.31	ng	0.00
7) Phenol-d6	6.57	99	446924	98.40	ng	0.00
23) Nitrobenzene-d5	7.51	82	289190	70.32	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	93210	88.34	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	483902	66.00	ng	-0.01
79) Terphenyl-d14	13.06	244	334650	48.63	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.57	77	726	Below Cal	#	1
10) Phenol	6.58	94	24797	4.708	ng	# 75
19) n-Nitroso-di-n-propylamine	7.51	70	38028	13.116	ng	# 80
25) Isophorone	7.51	82	289190	42.905	ng	# 67
50) Dimethylphthalate	9.69	163	65137	8.336	ng	100
57) 2,4-Dinitrotoluene	9.98	165	13306	5.954	ng	# 20
67) 4-Bromophenyl-phenylether	10.78	248	5664	2.982	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112118\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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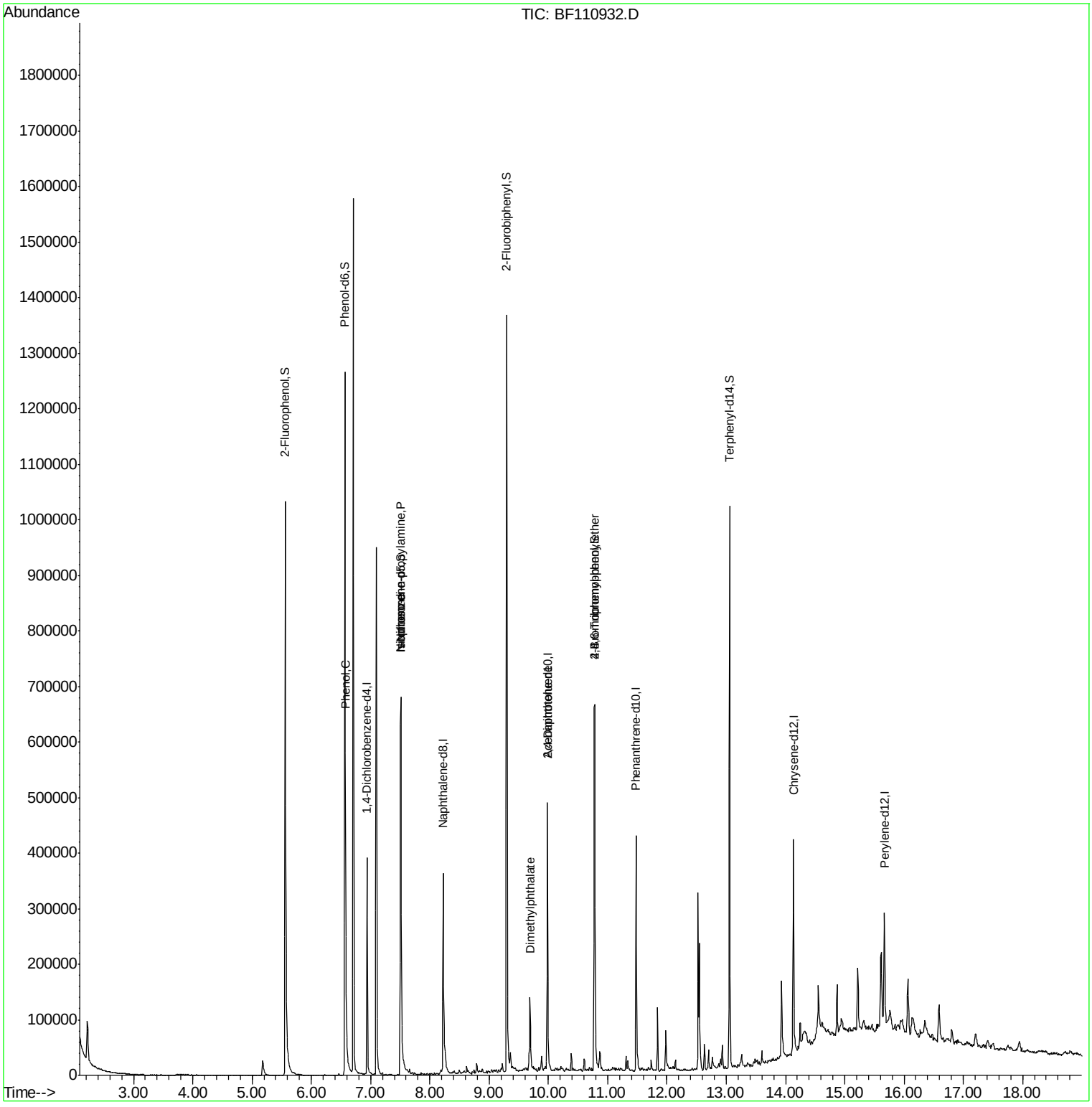
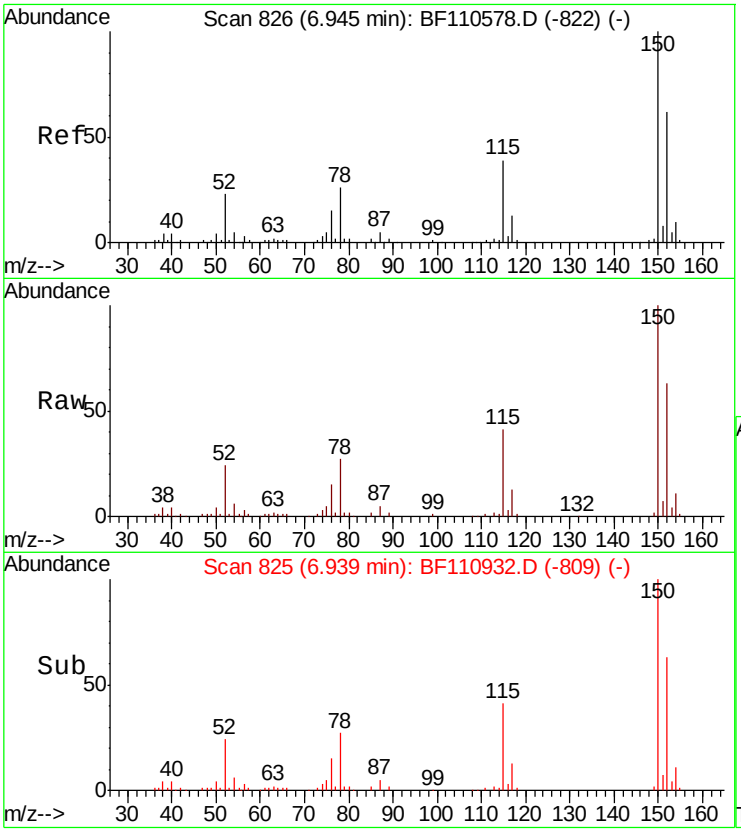


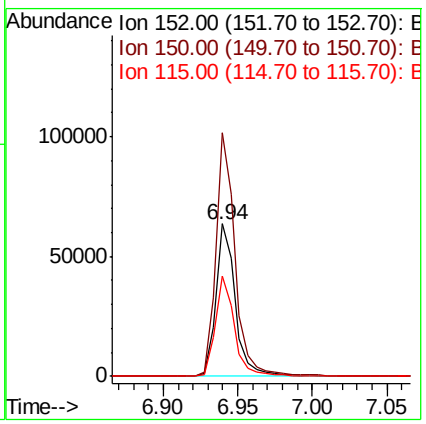


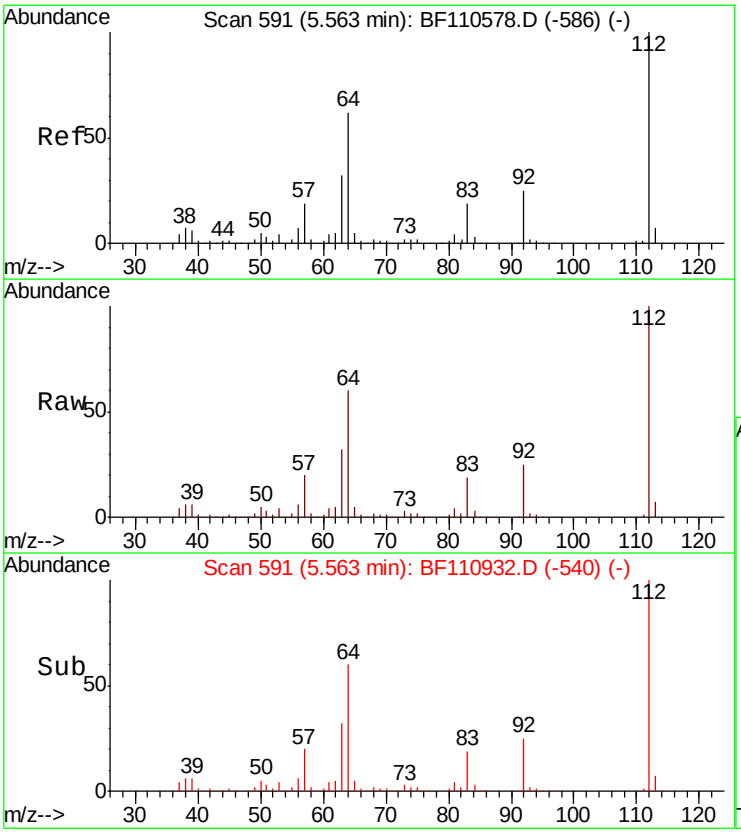
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110932.D
Acq: 21 Nov 2018 17:00

Instrument :
BNA_F
ClientSampleId :
PL-01-112018-A

Tgt Ion:152 Resp: 57694

Ion	Ratio	Lower	Upper
152	100		
150	159.9	122.7	184.1
115	66.1	49.1	73.7

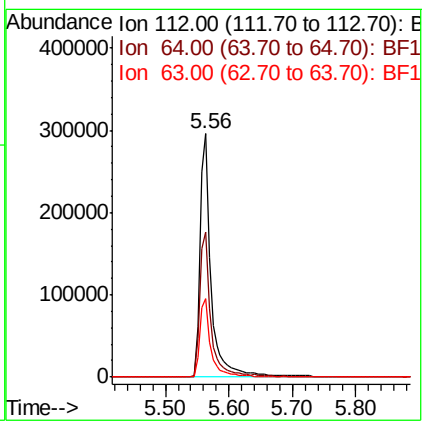


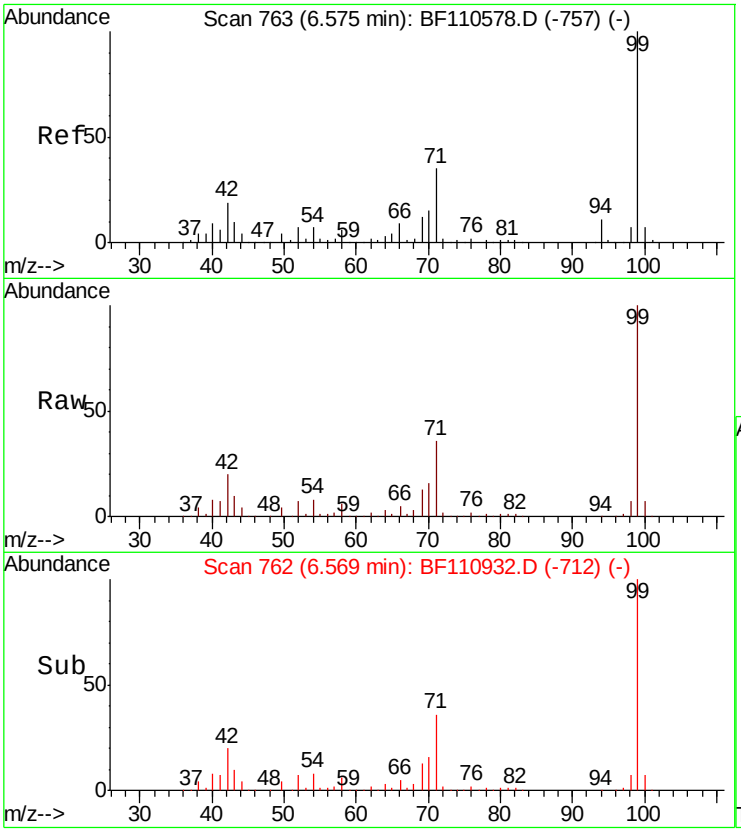


#5
2-Fluorophenol
Concen: 100.314 ng
RT: 5.56 min Scan# 591
Delta R.T. -0.00 min
Lab File: BF110932.D
Acq: 21 Nov 2018 17:00

Tgt Ion:112 Resp: 356306

Ion	Ratio	Lower	Upper
112	100		
64	59.6	44.1	66.1
63	32.0	23.7	35.5



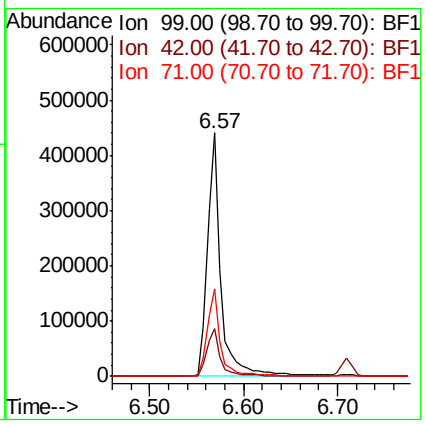


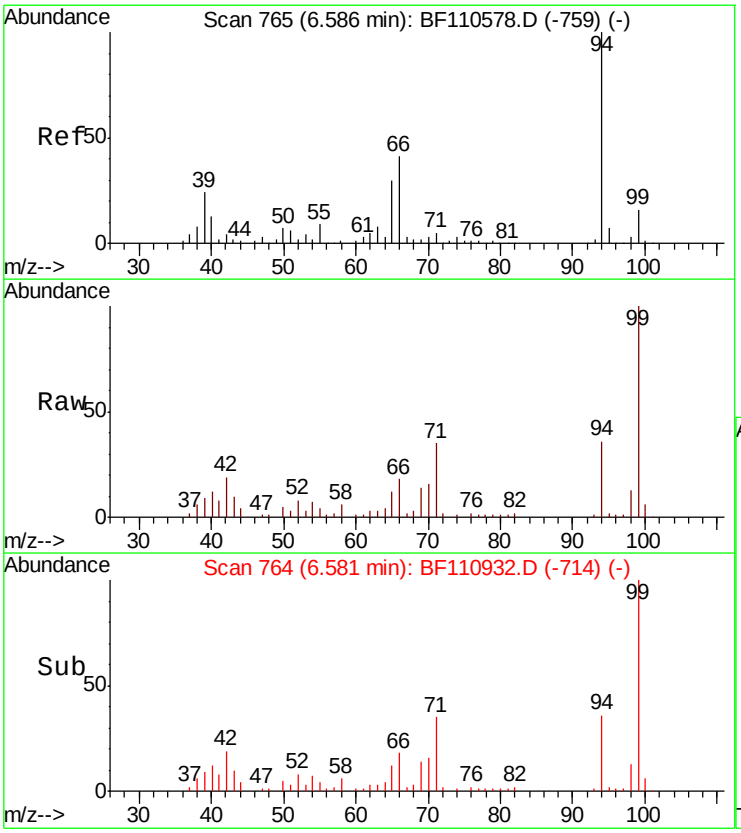
#7
Phenol-d6
Concen: 98.398 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF110932.D
Acq: 21 Nov 2018 17:00

Instrument :
BNA_F
ClientSampleId :
PL-01-112018-A

Tgt Ion: 99 Resp: 446924

Ion	Ratio	Lower	Upper
99	100		
42	19.7	15.8	23.6
71	35.9	28.0	42.0

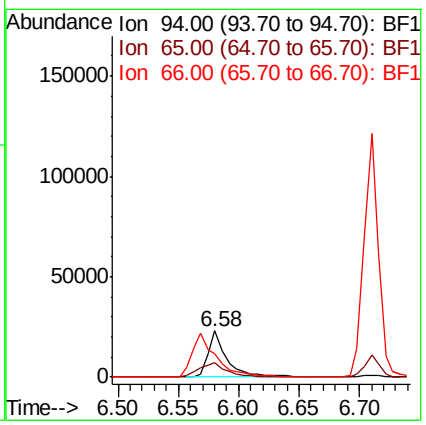


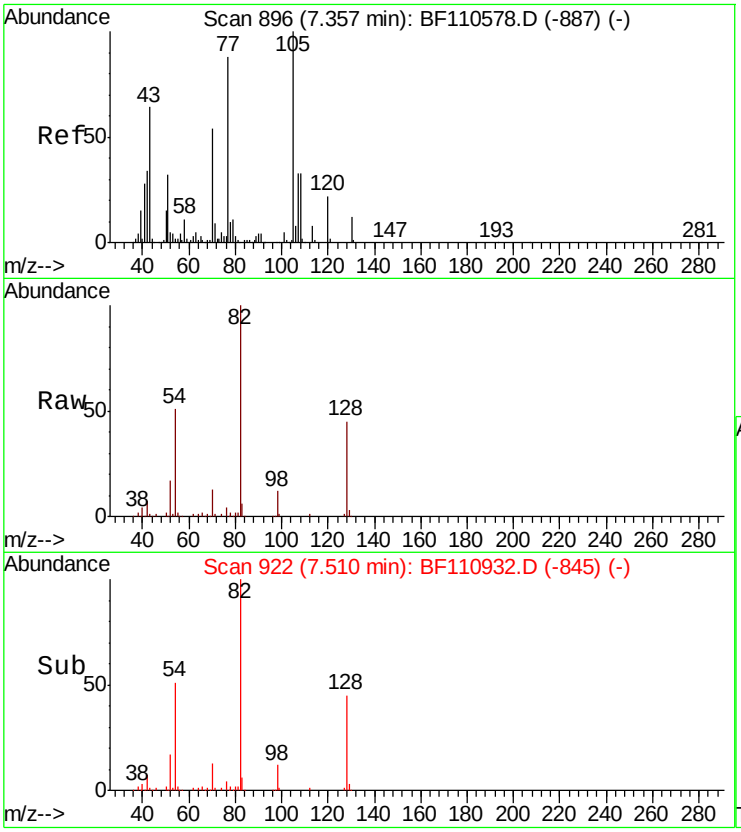


#10
Phenol
Concen: 4.708 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF110932.D
Acq: 21 Nov 2018 17:00

Tgt Ion: 94 Resp: 24797

Ion	Ratio	Lower	Upper
94	100		
65	31.9	25.3	65.3
66	50.8	54.5	94.5#



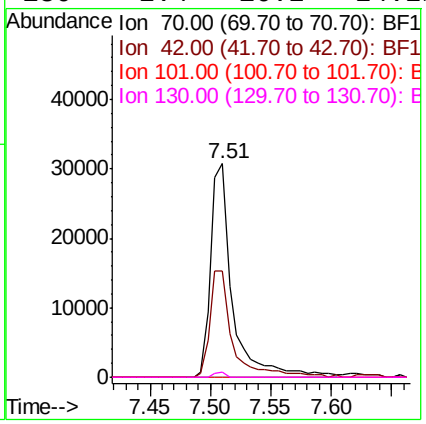


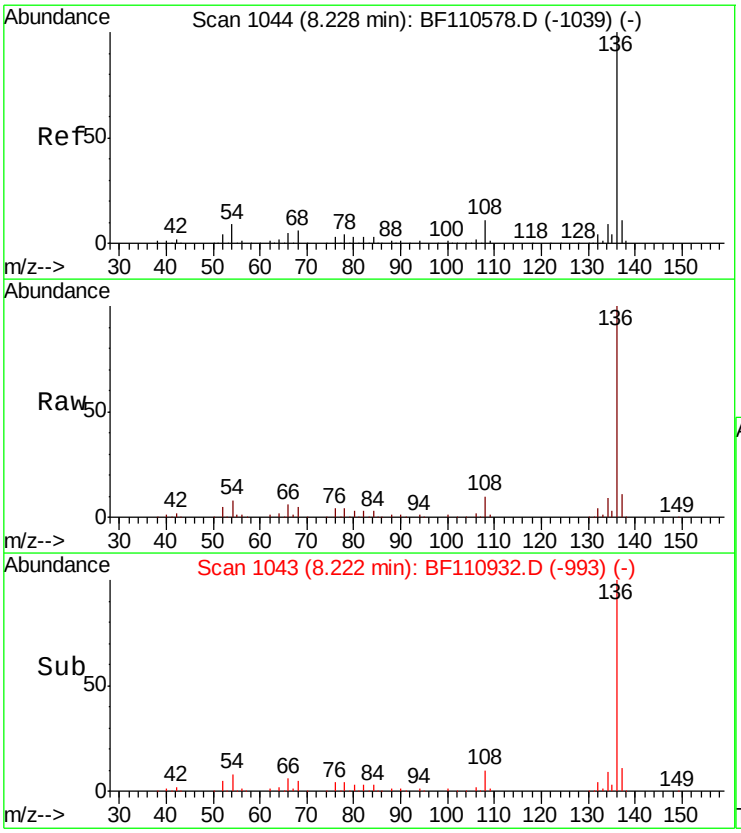
#19
n-Nitroso-di-n-propylamine
Concen: 13.116 ng
RT: 7.51 min Scan# 922
Delta R.T. 0.15 min
Lab File: BF110932.D
Acq: 21 Nov 2018 17:00

Instrument :
BNA_F
ClientSampleId :
PL-01-112018-A

Tgt Ion: 70 Resp: 38028

Ion	Ratio	Lower	Upper
70	100		
42	49.6	47.4	71.2
101	0.0	7.3	10.9#
130	2.4	16.2	24.2#

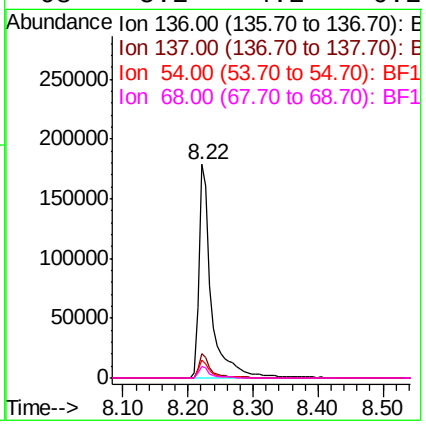


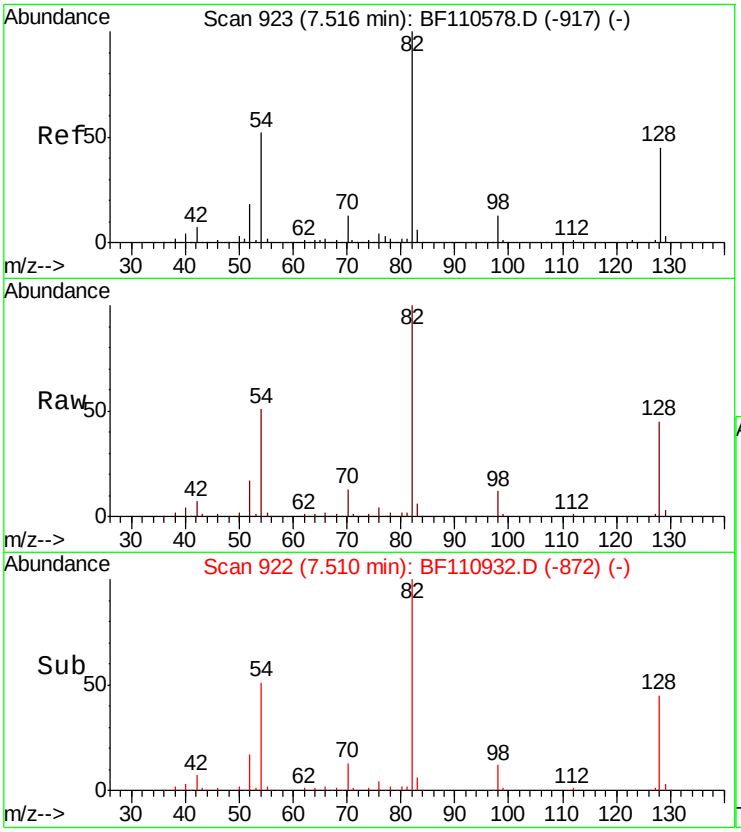


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110932.D
Acq: 21 Nov 2018 17:00

Tgt Ion:136 Resp: 236829

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	8.4	5.4	8.2#
68	5.2	4.2	6.2



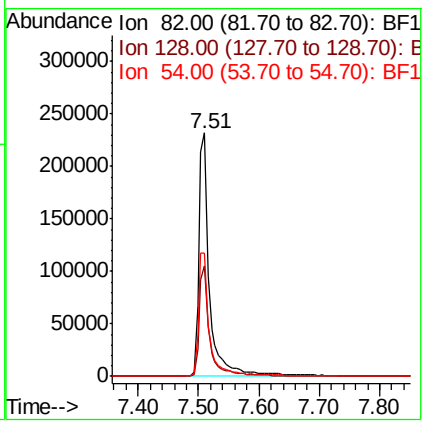


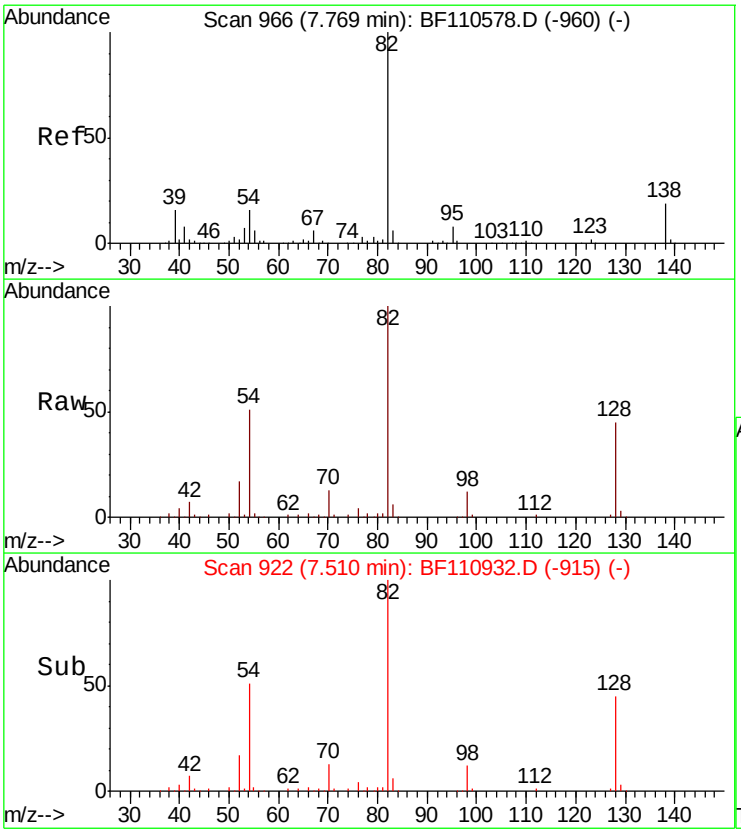
#23
Nitrobenzene-d5
Concen: 70.322 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110932.D
Acq: 21 Nov 2018 17:00

Instrument :
BNA_F
ClientSampleId :
PL-01-112018-A

Tgt Ion: 82 Resp: 289190

Ion	Ratio	Lower	Upper
82	100		
128	45.5	34.2	51.2
54	50.9	38.6	58.0

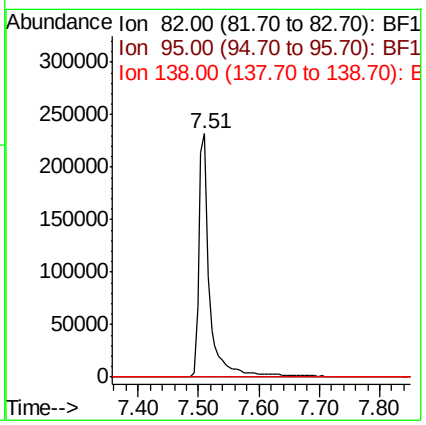


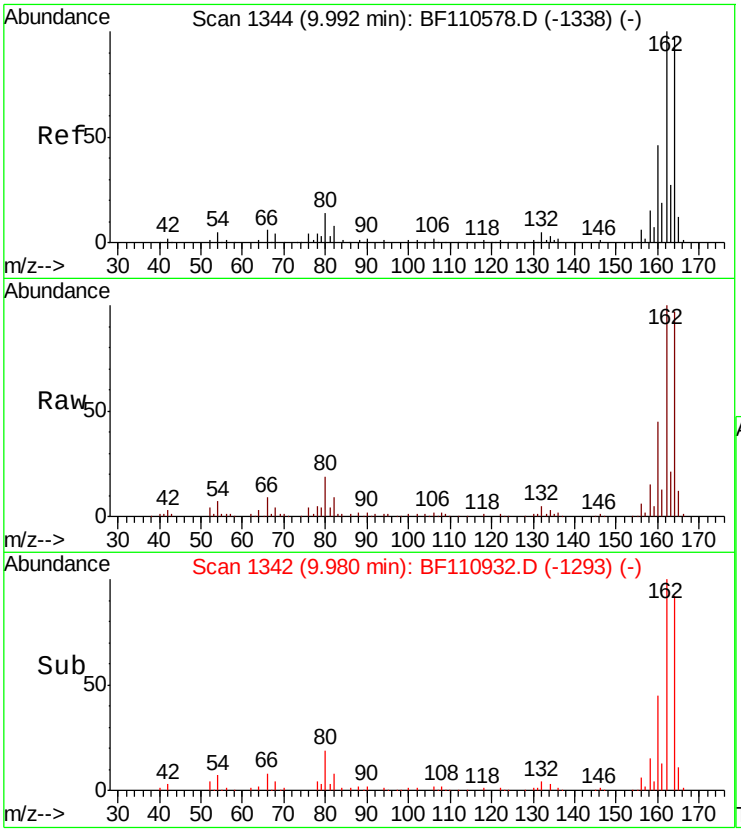


#25
Isophorone
Concen: 42.905 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.26 min
Lab File: BF110932.D
Acq: 21 Nov 2018 17:00

Tgt Ion: 82 Resp: 289190

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#



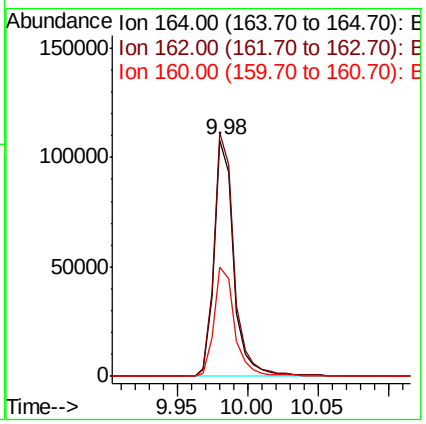


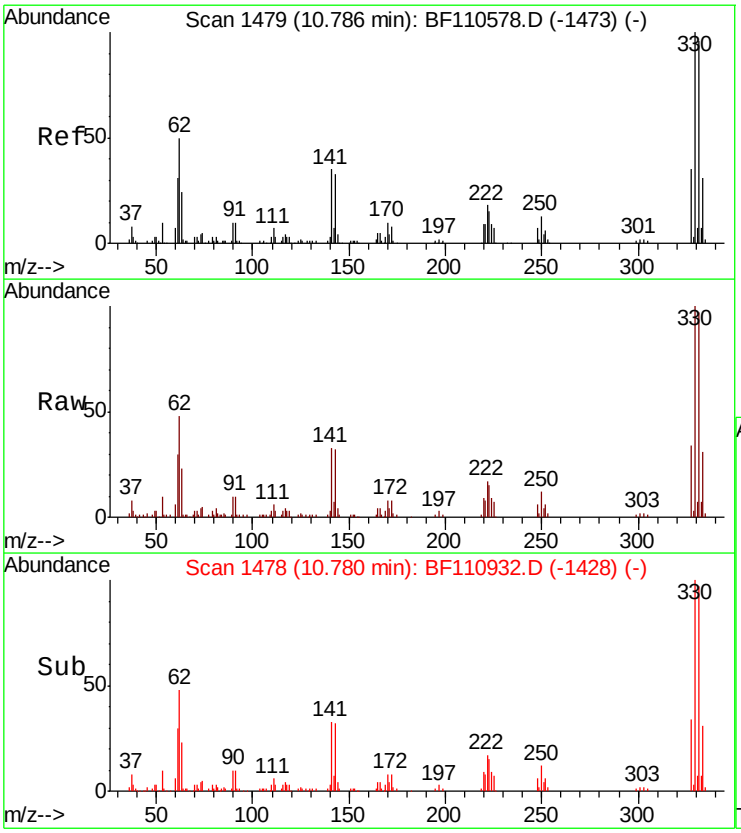
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF110932.D
Acq: 21 Nov 2018 17:00

Instrument :
BNA_F
ClientSampleId :
PL-01-112018-A

Tgt Ion:164 Resp: 104717

Ion	Ratio	Lower	Upper
164	100		
162	103.1	83.0	124.6
160	46.4	37.0	55.6

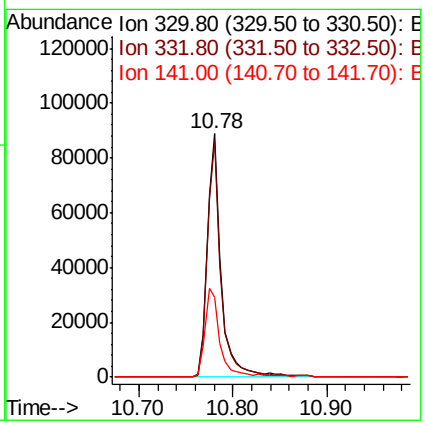


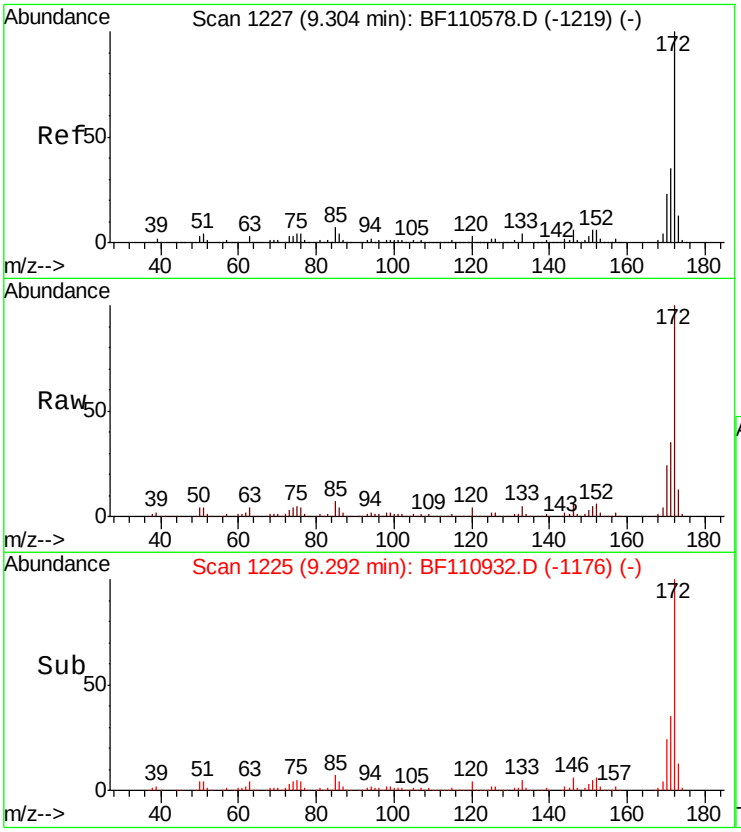


#42
2,4,6-Tribromophenol
Concen: 88.338 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110932.D
Acq: 21 Nov 2018 17:00

Tgt Ion:330 Resp: 93210

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.1	115.7
141	38.8	27.0	40.4



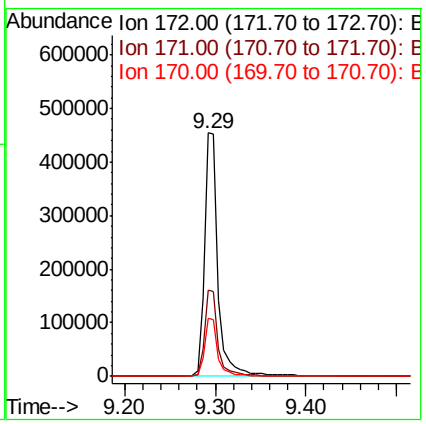


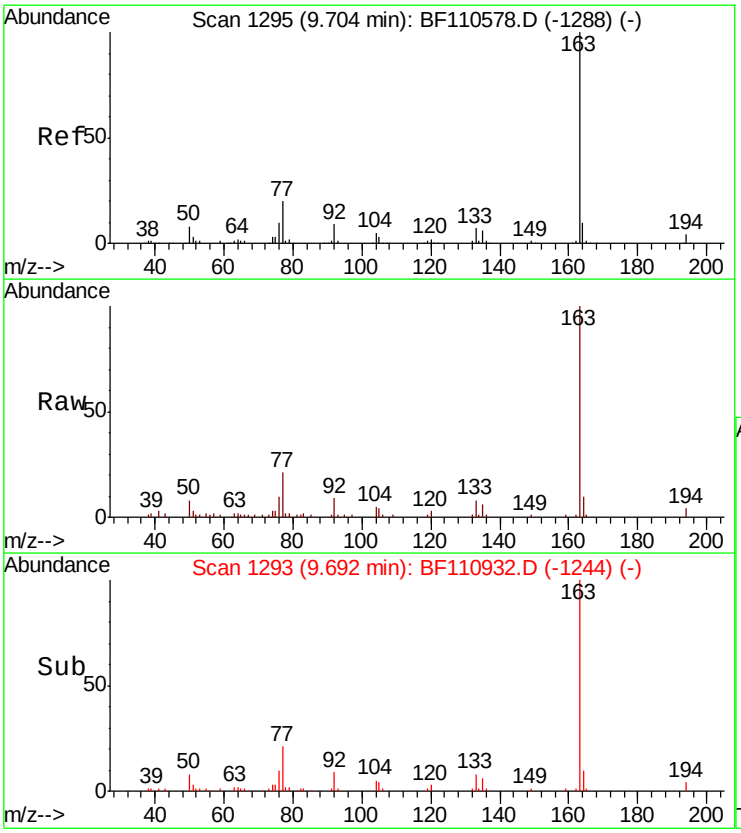
#45
2-Fluorobiphenyl
Concen: 65.997 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF110932.D
Acq: 21 Nov 2018 17:00

Instrument : BNA_F
ClientSampleId : PL-01-112018-A

Tgt Ion:172 Resp: 483902

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	43.0
170	23.7	19.7	29.5

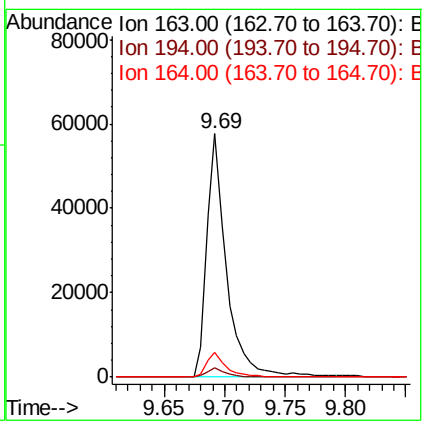


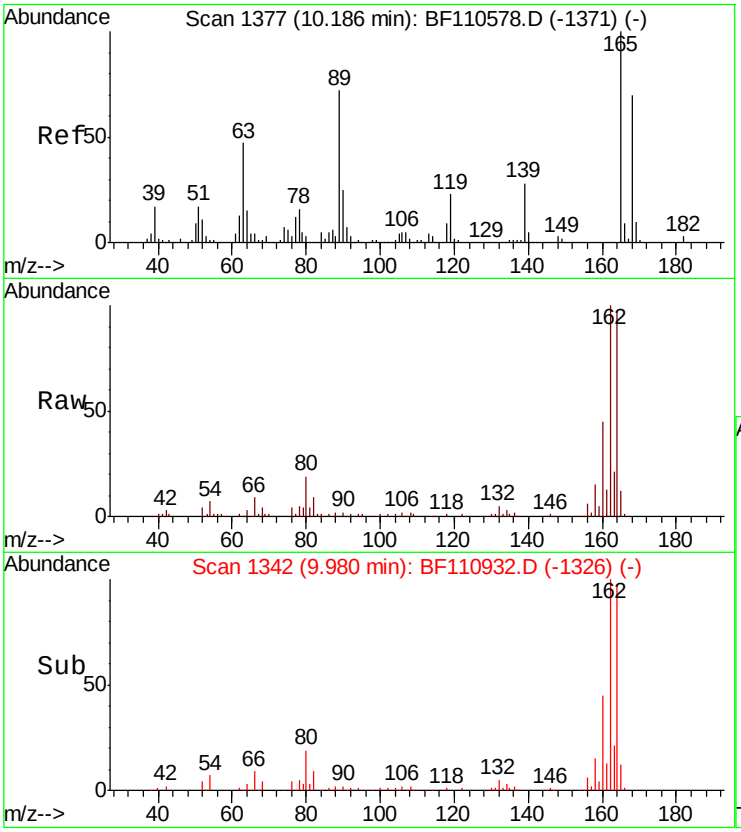


#50
Dimethylphthalate
Concen: 8.336 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110932.D
Acq: 21 Nov 2018 17:00

Tgt Ion:163 Resp: 65137

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	10.1	8.1	12.1



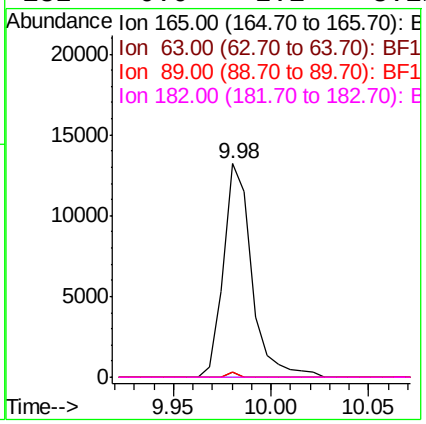


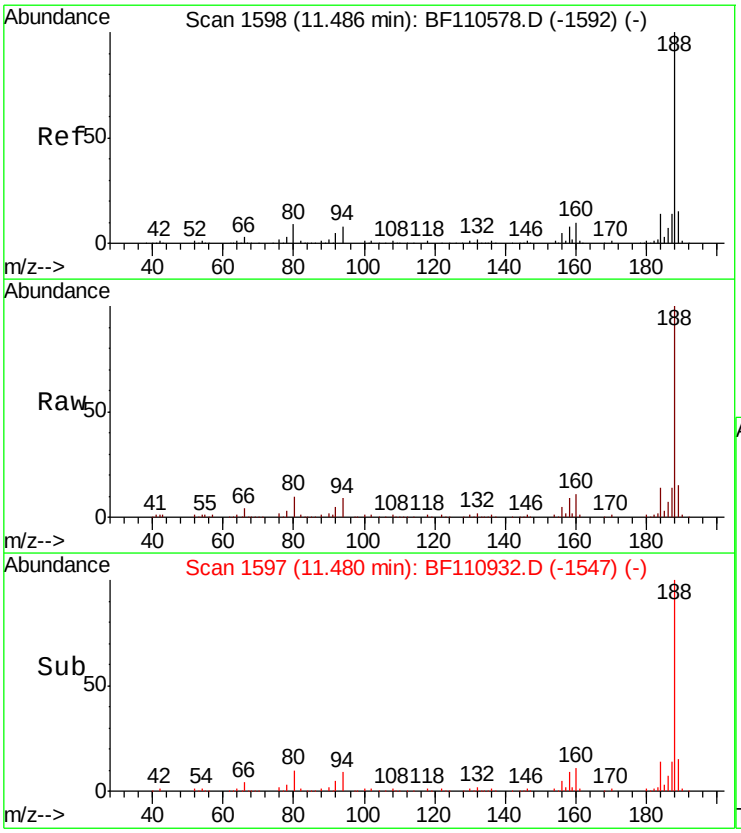
#57
2,4-Dinitrotoluene
Concen: 5.954 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.21 min
Lab File: BF110932.D
Acq: 21 Nov 2018 17:00

Instrument :
BNA_F
ClientSampleId :
PL-01-112018-A

Tgt Ion:165 Resp: 13306

Ion	Ratio	Lower	Upper
165	100		
63	2.6	44.8	67.2#
89	2.4	62.2	93.4#
182	0.0	2.1	3.1#

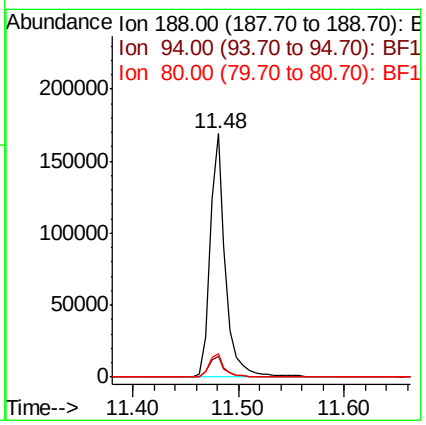


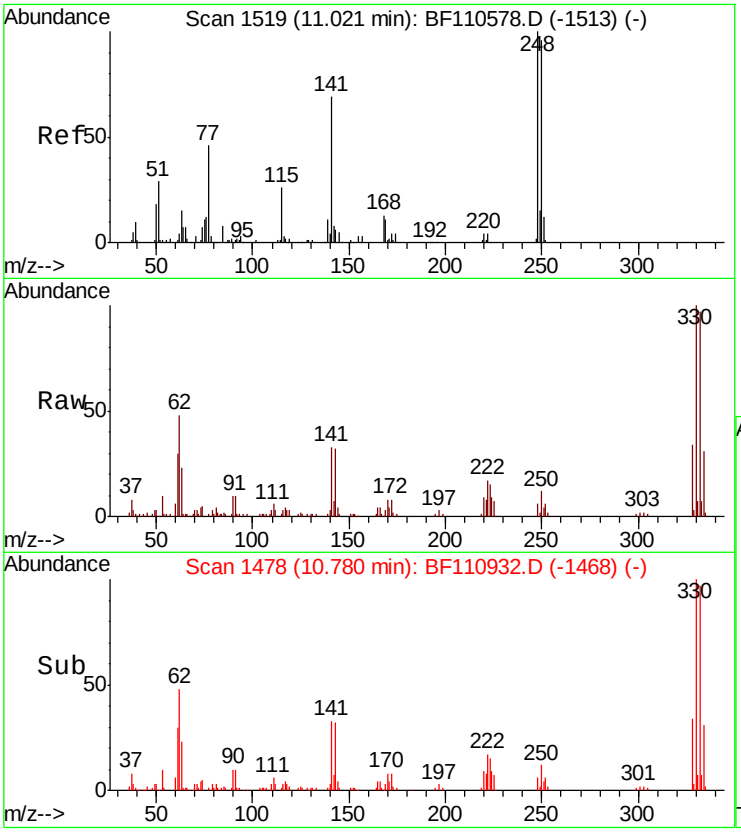


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110932.D
Acq: 21 Nov 2018 17:00

Tgt Ion:188 Resp: 171849

Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.2	10.8
80	9.6	7.9	11.9



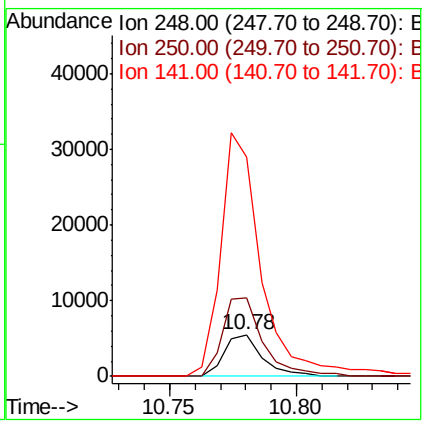


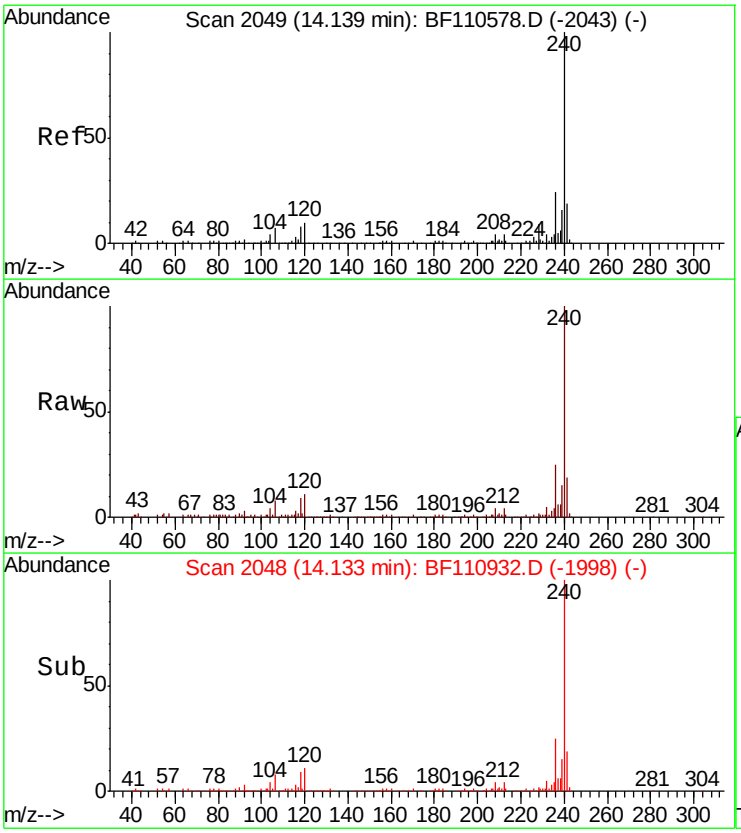
#67
4-Bromophenyl-phenylether
Concen: 2.982 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.24 min
Lab File: BF110932.D
Acq: 21 Nov 2018 17:00

Instrument :
BNA_F
ClientSampleId :
PL-01-112018-A

Tgt Ion:248 Resp: 5664

Ion	Ratio	Lower	Upper
248	100		
250	188.5	79.4	119.2#
141	529.2	55.9	83.9#

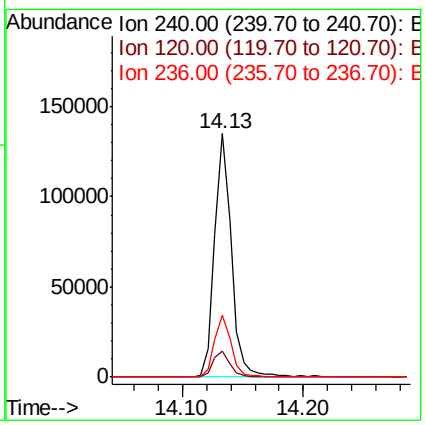


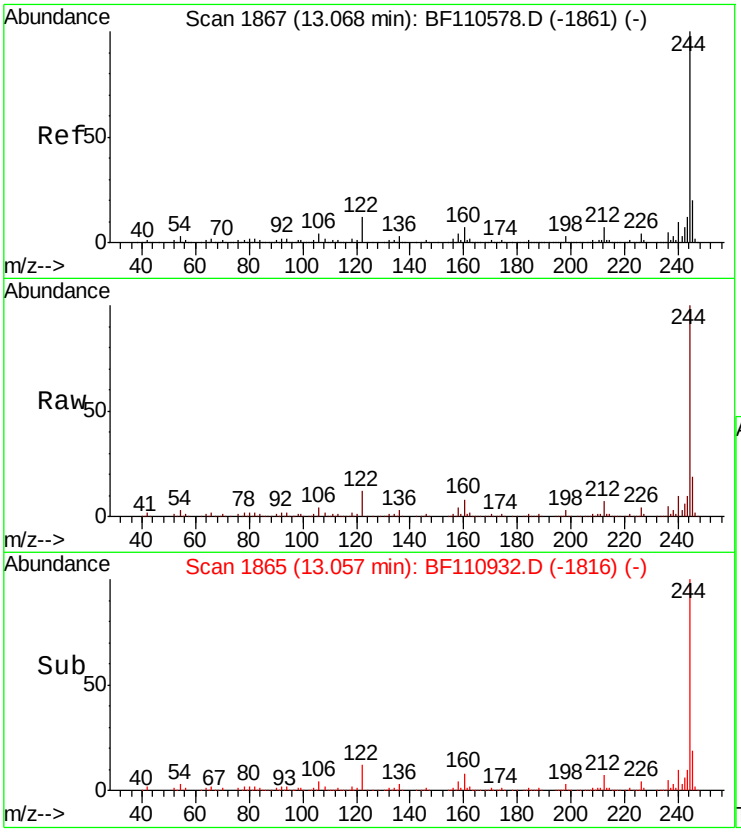


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110932.D
Acq: 21 Nov 2018 17:00

Tgt Ion:240 Resp: 128884

Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.3	12.5
236	25.4	21.2	31.8



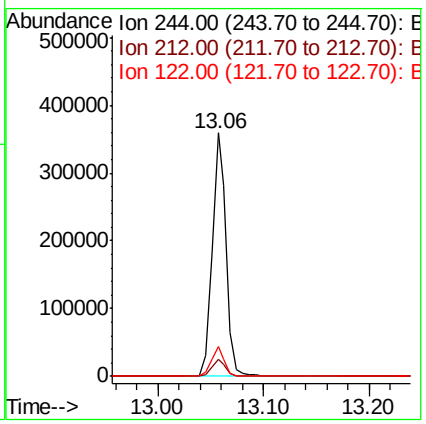


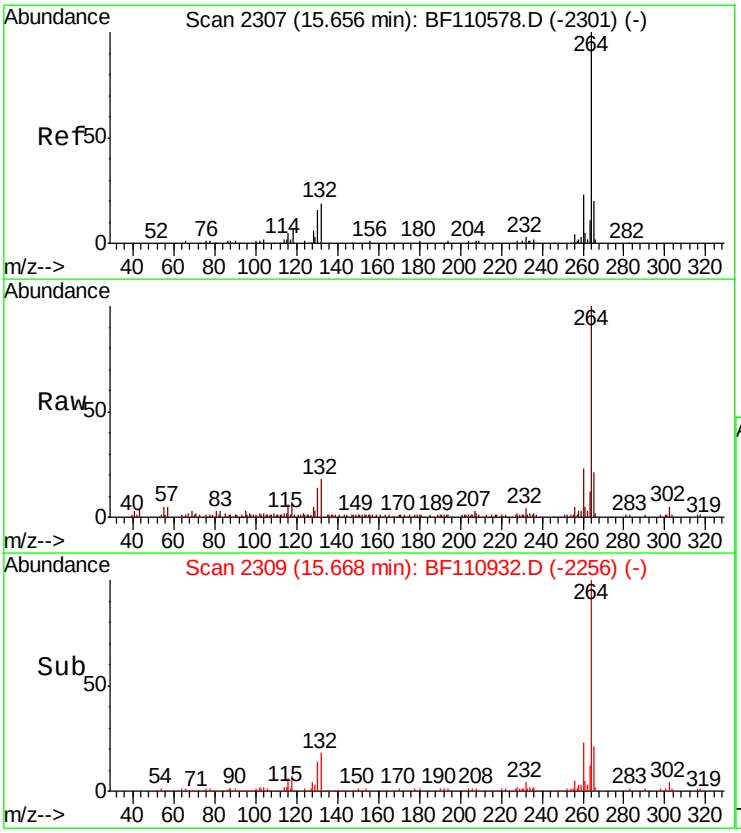
#79
Terphenyl-d14
Concen: 48.627 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BF110932.D
Acq: 21 Nov 2018 17:00

Instrument :
BNA_F
ClientSampleId :
PL-01-112018-A

Tgt Ion:244 Resp: 334650

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	12.2	8.7	13.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. 0.01 min
Lab File: BF110932.D
Acq: 21 Nov 2018 17:00

Tgt Ion:264 Resp: 103917

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.7	28.1
265	21.4	16.7	25.1