Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111318\
Data File : BF110732.D
Acq On : 13 Nov 2018 21:16
Operator : JU/SJ
Sample : J5908-11 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SR-4-S

Quant Time: Nov 14 04:30:36 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	6.95	152	90504	20.00	ng		0.00
21) Naphthalene-d8	8.23	136	360051	20.00	ng		0.00
39) Acenaphthene-d10	9.99	164	143855	20.00	ng		0.00
64) Phenanthrene-d10	11.48	188	226473	20.00	ng		0.00
76) Chrysene-d12	14.13	240	183198	20.00	ng		-0.01
87) Perylene-d12	15.66	264	133588	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	283652	50.91	ng		0.00
7) Phenol-d6	6.56	99	362071	50.82	ng		-0.01
23) Nitrobenzene-d5	7.50	82	224740	35.95	ng		-0.01
42) 2,4,6-Tribromophenol	10.78	330	64345	44.39	ng		0.00
45) 2-Fluorobiphenyl	9.30	172	390664	38.78	ng		0.00
79) Terphenyl-d14	13.06	244	272764	27.88	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.56	77	329	Below Cal		#	1
10) Phenol	6.57	94	16876	2.043	ng		90
19) n-Nitroso-di-n-propylamine	7.50	70	28901	6.354	ng	#	82
25) Isophorone	7.50	82	224738	21.932	ng	#	67
50) Dimethylphthalate	9.69	163	36515	3.402	ng		99
51) 2,6-Dinitrotoluene	9.98	165	18386	7.786	ng	#	22
57) 2,4-Dinitrotoluene	9.98	165	18386	5.989	ng	#	18
88) Benzo(b)fluoranthene	15.20	252	22901	2.866	ng	#	90
89) Benzo(k)fluoranthene	15.20	252	22901	2.900	ng	#	90

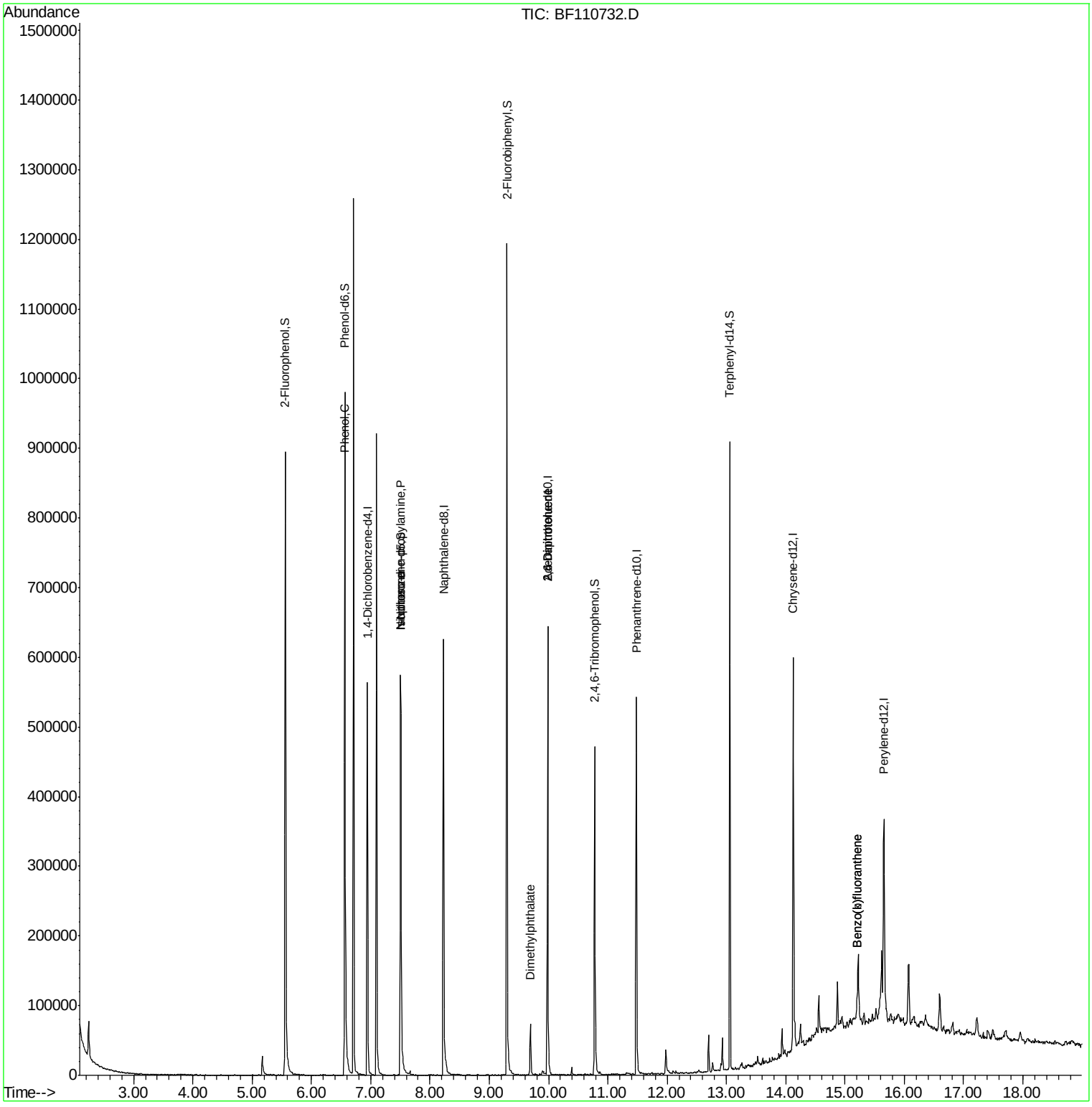
(#) = qualifier out of range (m) = manual integration (+) = signals summed

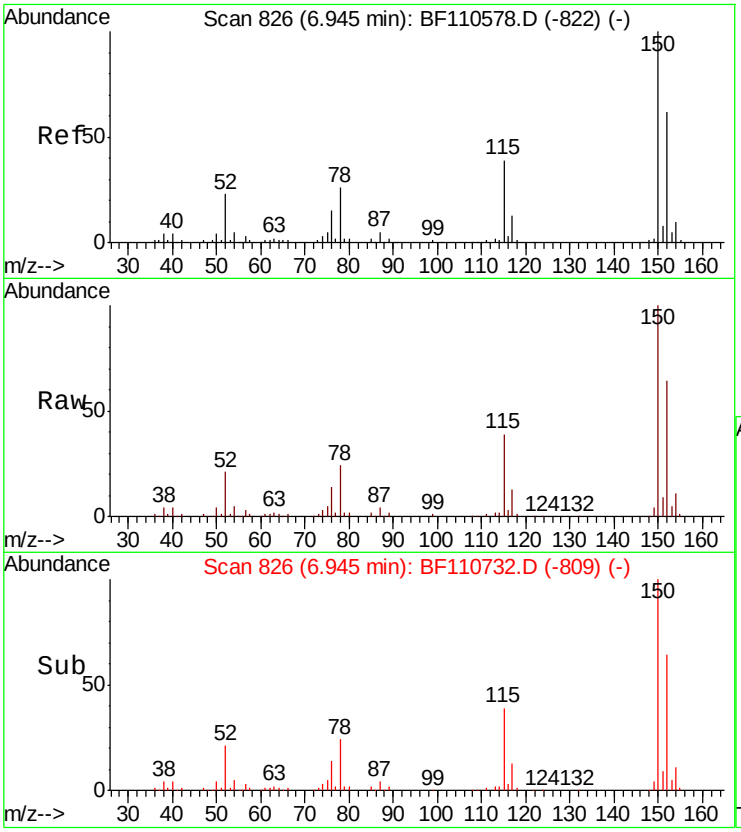
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111318\
Data File : BF110732.D
Acq On : 13 Nov 2018 21:16
Operator : JU/SJ
Sample : J5908-11 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SR-4-S

Quant Time: Nov 14 04:30:36 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



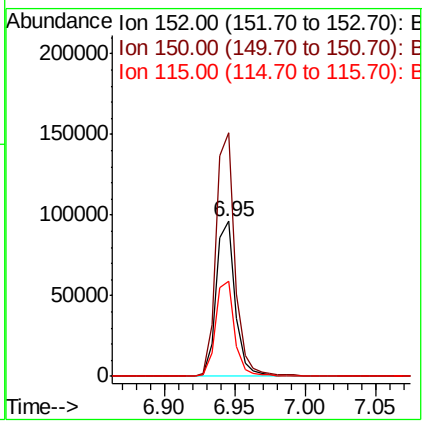


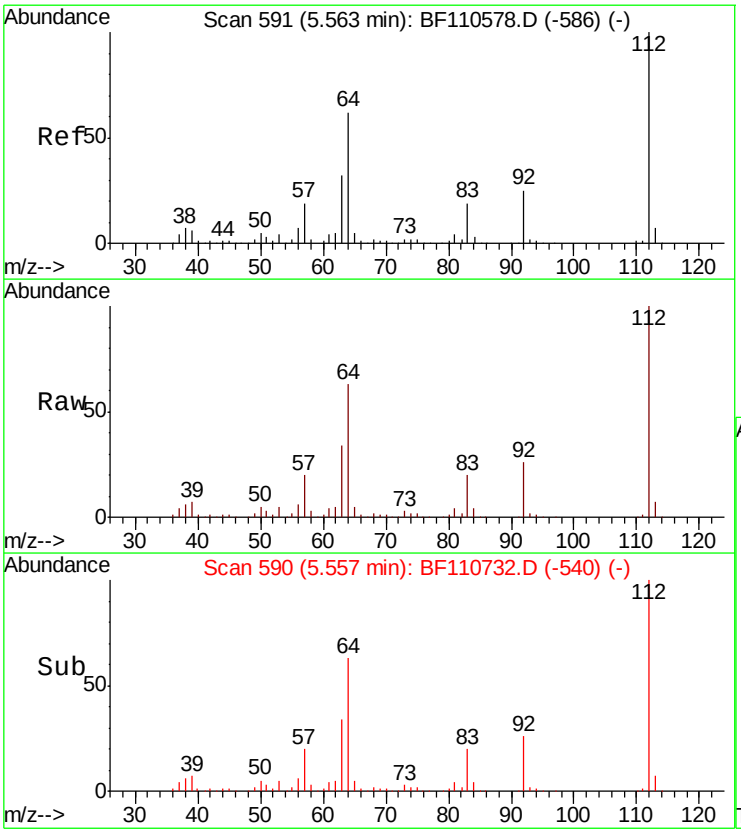
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110732.D
Acq: 13 Nov 2018 21:16

Instrument :
BNA_F
ClientSampleId :
SR-4-S

Tgt Ion:152 Resp: 90504

Ion	Ratio	Lower	Upper
152	100		
150	156.9	122.7	184.1
115	61.4	49.1	73.7

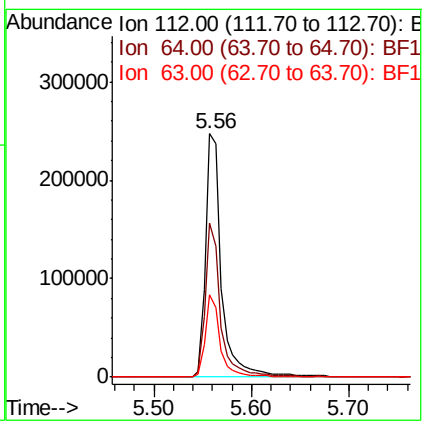


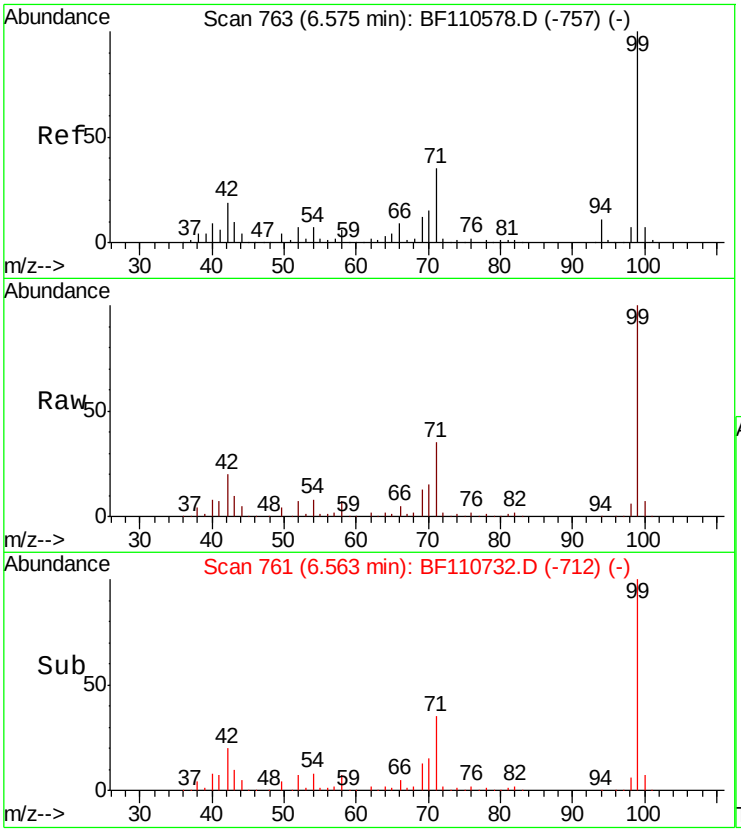


#5
2-Fluorophenol
Concen: 50.908 ng
RT: 5.56 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF110732.D
Acq: 13 Nov 2018 21:16

Tgt Ion:112 Resp: 283652

Ion	Ratio	Lower	Upper
112	100		
64	63.3	44.1	66.1
63	33.6	23.7	35.5



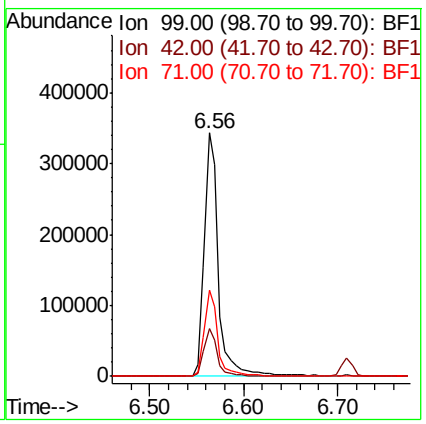


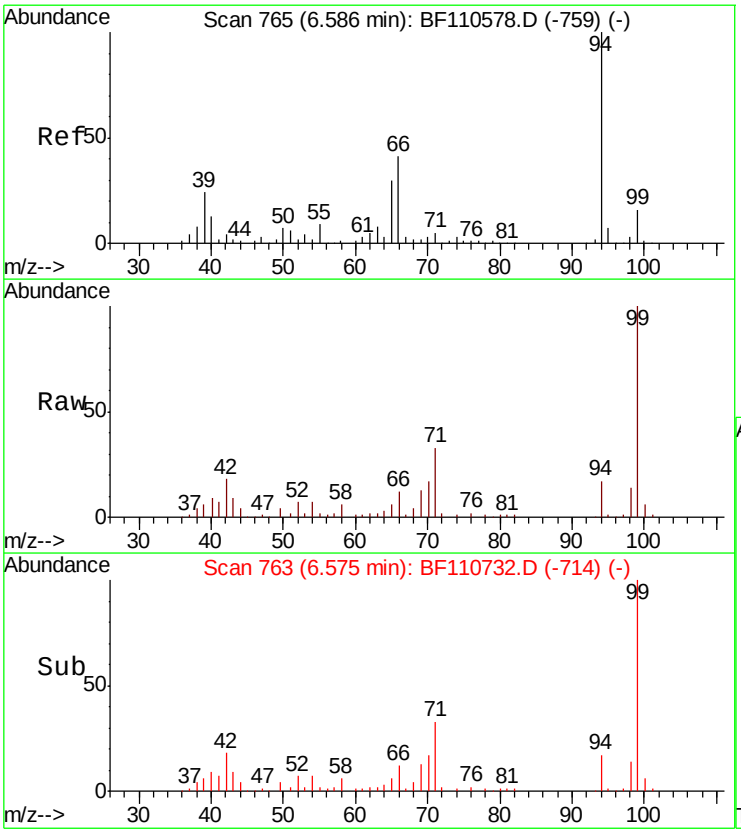
#7
Phenol-d6
Concen: 50.817 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF110732.D
Acq: 13 Nov 2018 21:16

Instrument :
BNA_F
ClientSampleId :
SR-4-S

Tgt Ion: 99 Resp: 362071

Ion	Ratio	Lower	Upper
99	100		
42	19.6	15.8	23.6
71	35.5	28.0	42.0

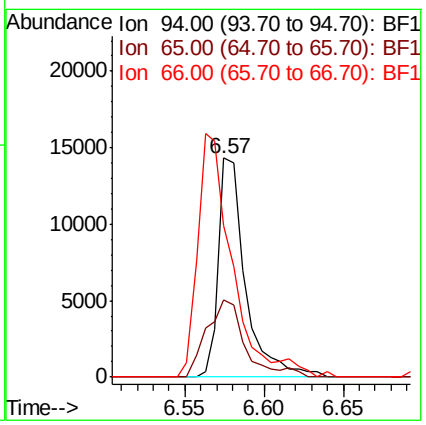


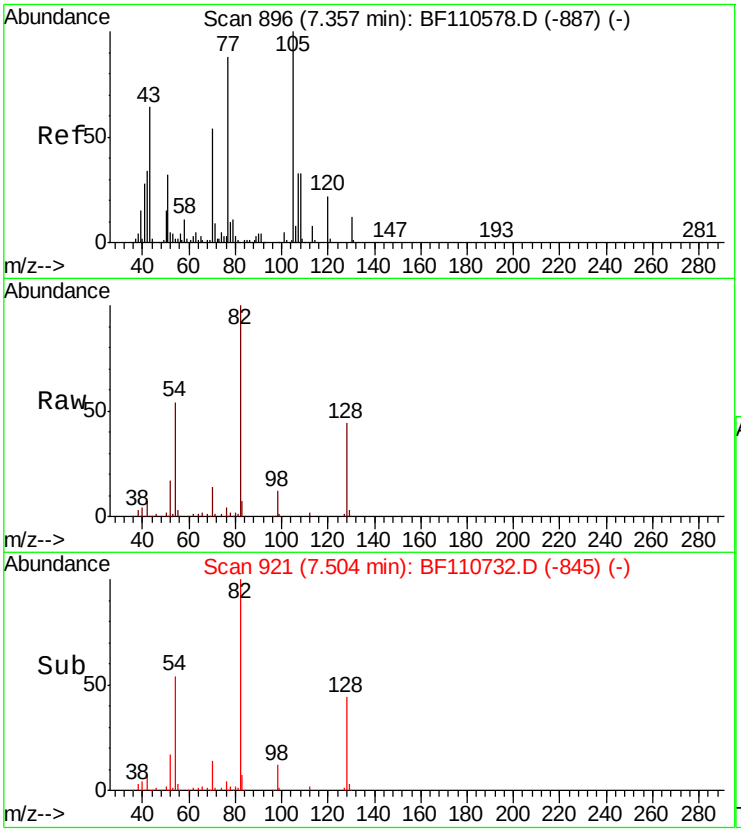


#10
Phenol
Concen: 2.043 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF110732.D
Acq: 13 Nov 2018 21:16

Tgt Ion: 94 Resp: 16876

Ion	Ratio	Lower	Upper
94	100		
65	35.2	25.3	65.3
66	69.4	54.5	94.5



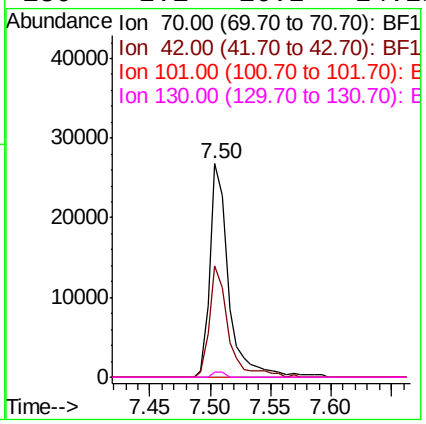


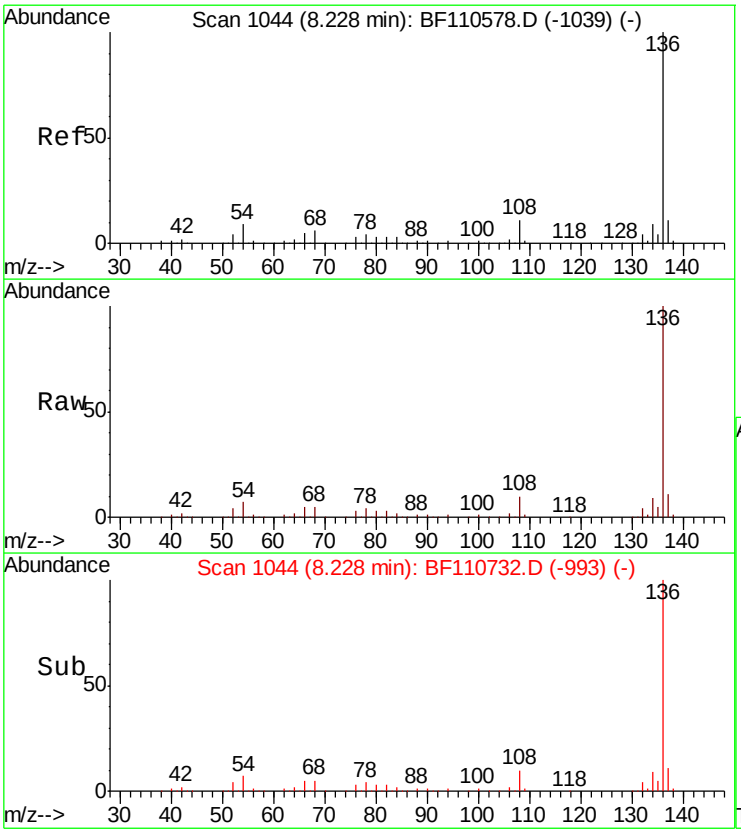
#19
n-Nitroso-di-n-propylamine
Concen: 6.354 ng
RT: 7.50 min Scan# 921
Delta R.T. 0.15 min
Lab File: BF110732.D
Acq: 13 Nov 2018 21:16

Instrument :
BNA_F
ClientSampleId :
SR-4-S

Tgt Ion: 70 Resp: 28901

Ion	Ratio	Lower	Upper
70	100		
42	52.0	47.4	71.2
101	0.0	7.3	10.9#
130	2.1	16.2	24.2#

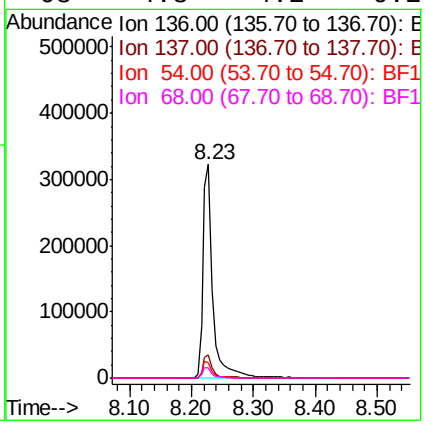


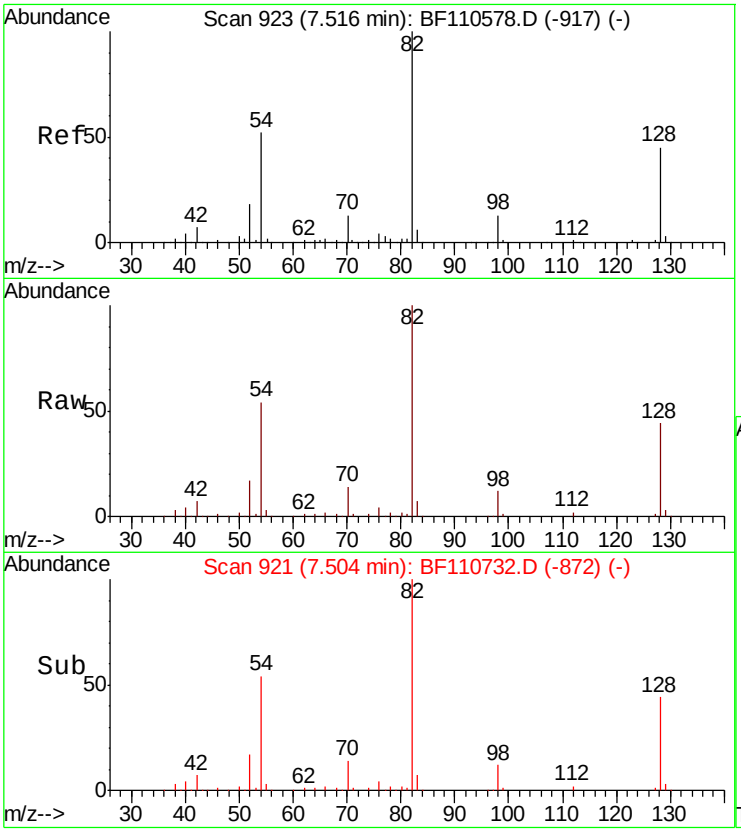


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110732.D
Acq: 13 Nov 2018 21:16

Tgt Ion:136 Resp: 360051

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	7.3	5.4	8.2
68	4.8	4.2	6.2



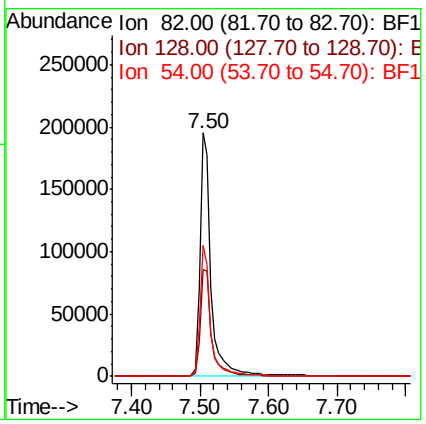


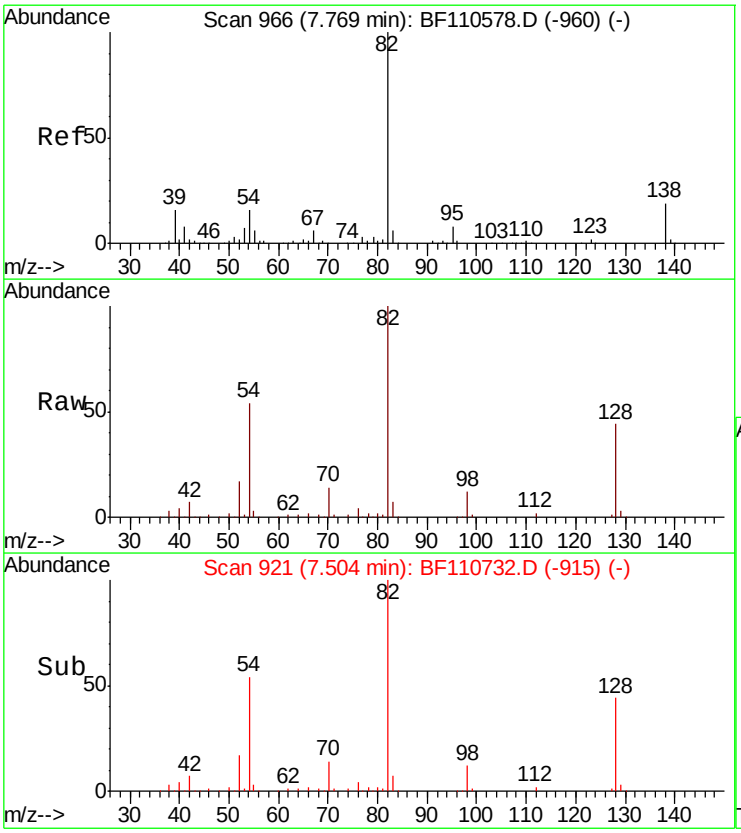
#23
Nitrobenzene-d5
Concen: 35.947 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF110732.D
Acq: 13 Nov 2018 21:16

Instrument :
BNA_F
ClientSampleId :
SR-4-S

Tgt Ion: 82 Resp: 224740

Ion	Ratio	Lower	Upper
82	100		
128	44.0	34.2	51.2
54	54.0	38.6	58.0

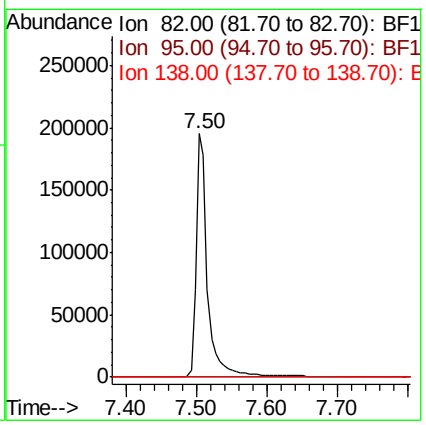


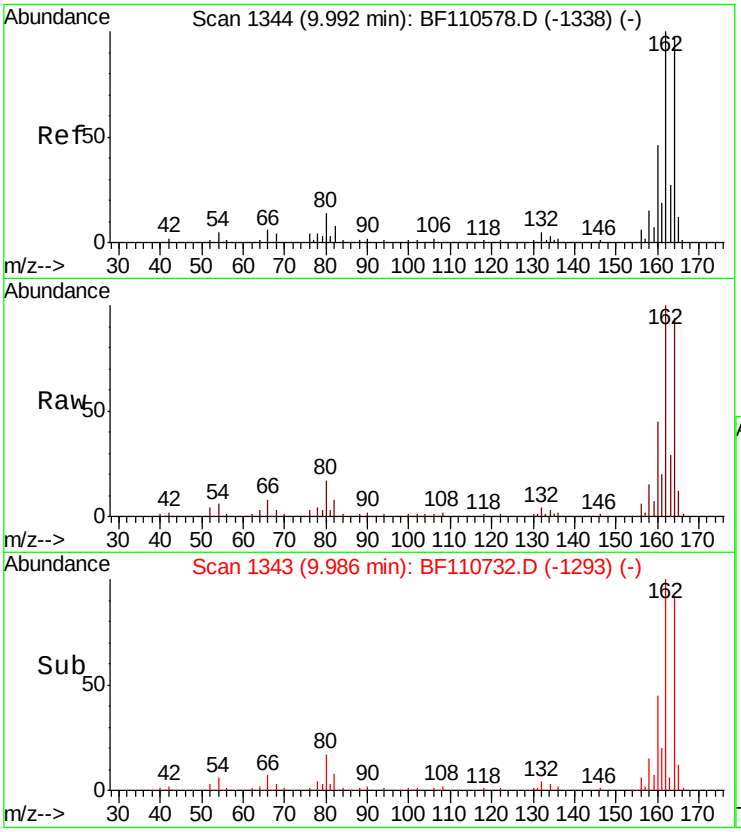


#25
Isophorone
Concen: 21.932 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.26 min
Lab File: BF110732.D
Acq: 13 Nov 2018 21:16

Tgt Ion: 82 Resp: 224738

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



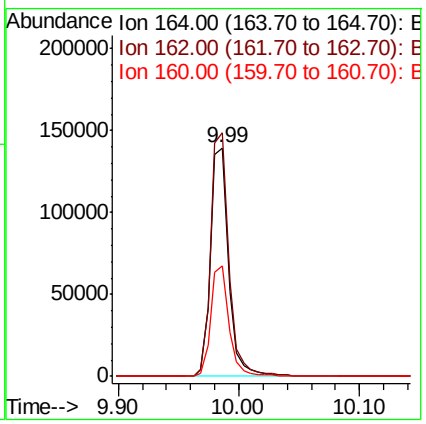


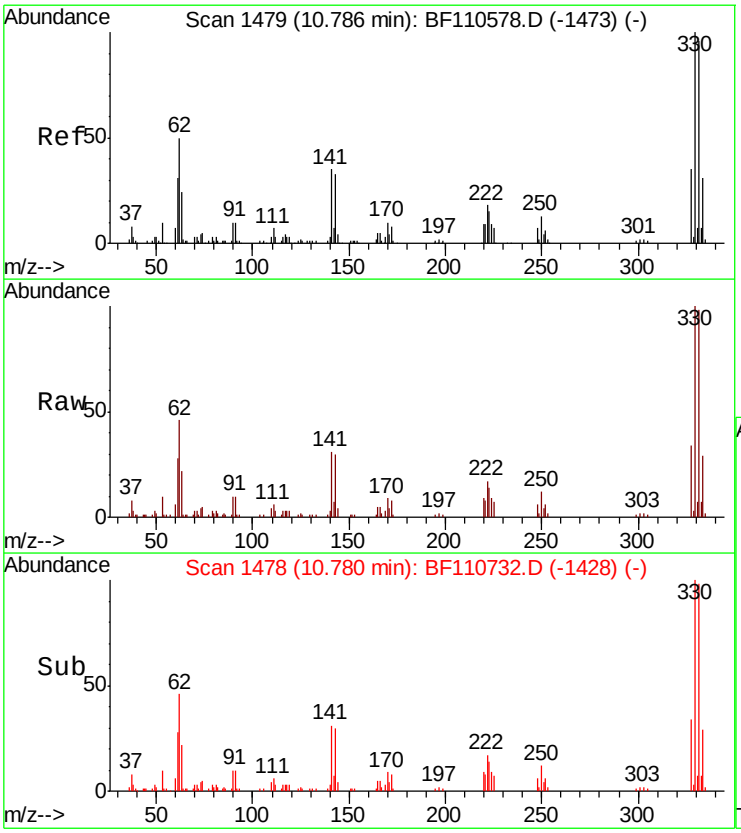
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110732.D
Acq: 13 Nov 2018 21:16

Instrument :
BNA_F
ClientSampleId :
SR-4-S

Tgt Ion:164 Resp: 143855

Ion	Ratio	Lower	Upper
164	100		
162	106.6	83.0	124.6
160	48.4	37.0	55.6

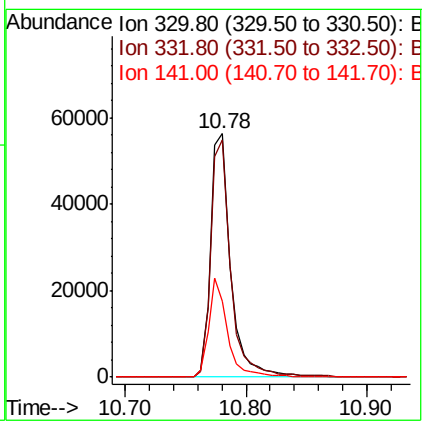


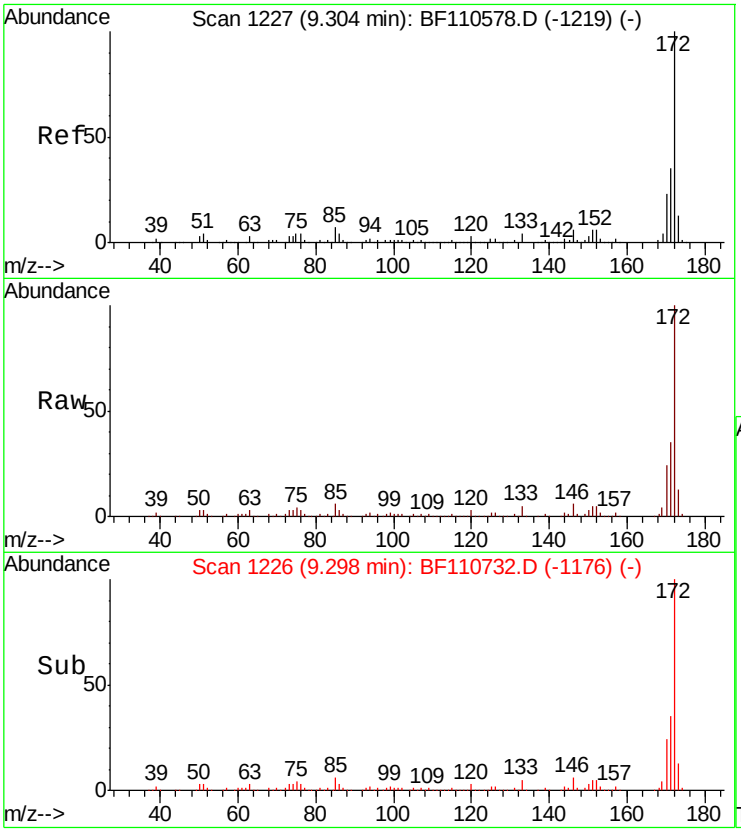


#42
2,4,6-Tribromophenol
Concen: 44.391 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110732.D
Acq: 13 Nov 2018 21:16

Tgt Ion:330 Resp: 64345

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.1	115.7
141	37.4	27.0	40.4



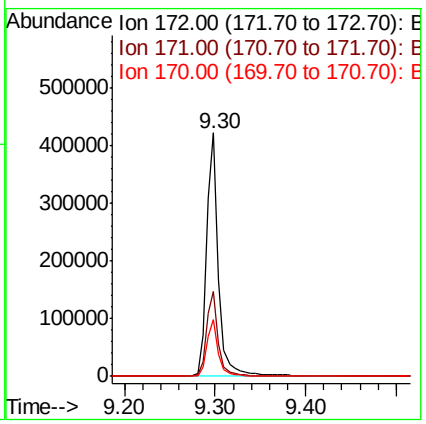


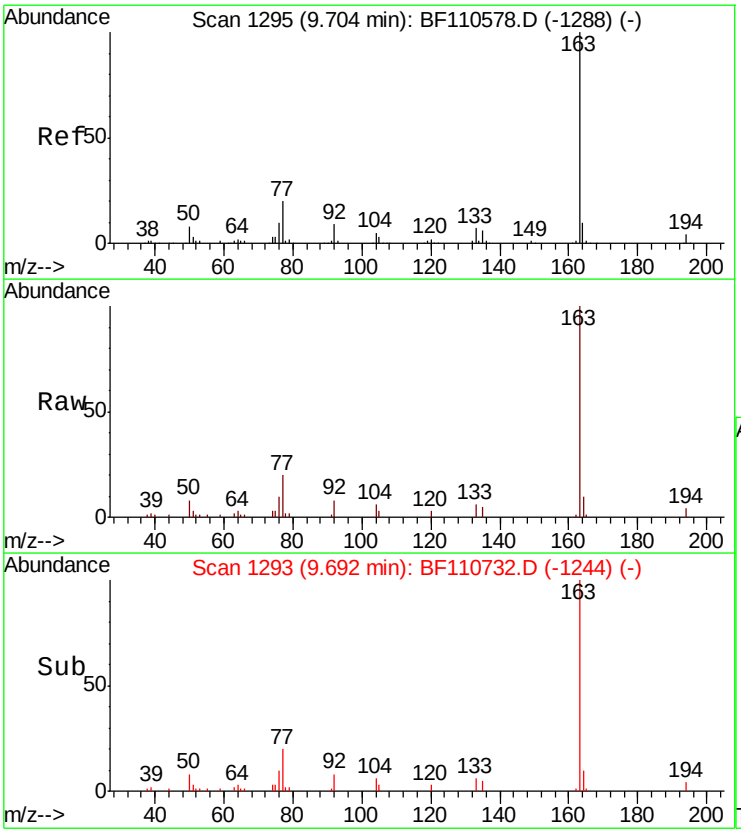
#45
2-Fluorobiphenyl
Concen: 38.785 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110732.D
Acq: 13 Nov 2018 21:16

Instrument :
BNA_F
ClientSampleId :
SR-4-S

Tgt Ion:172 Resp: 390664

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	43.0
170	23.5	19.7	29.5

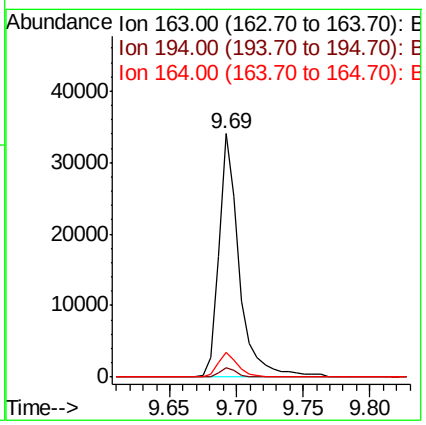


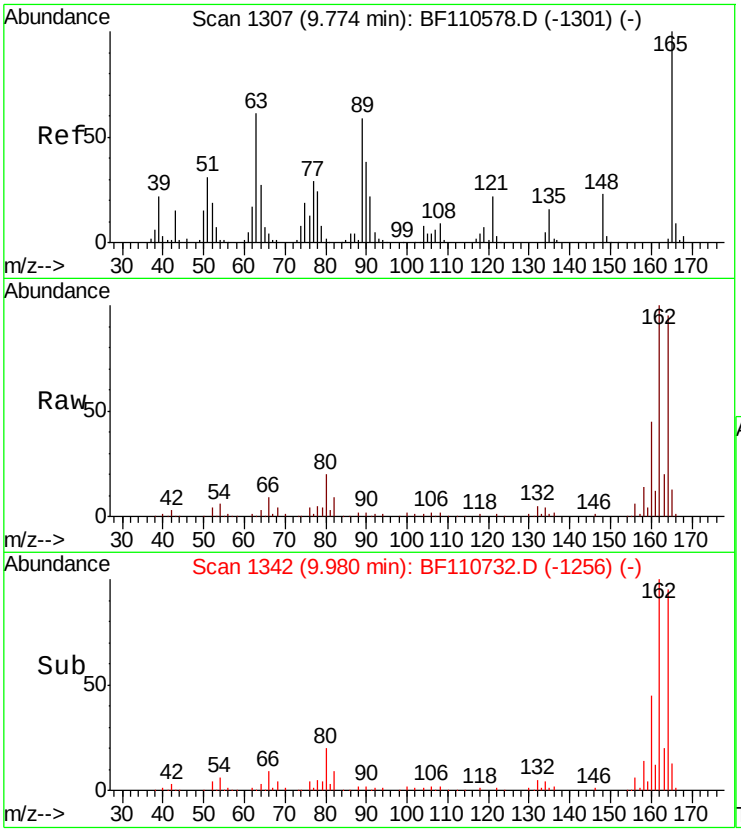


#50
Dimethylphthalate
Concen: 3.402 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110732.D
Acq: 13 Nov 2018 21:16

Tgt Ion:163 Resp: 36515

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.2	4.8
164	10.0	8.1	12.1



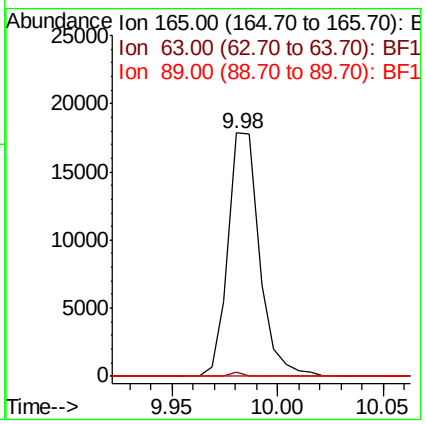


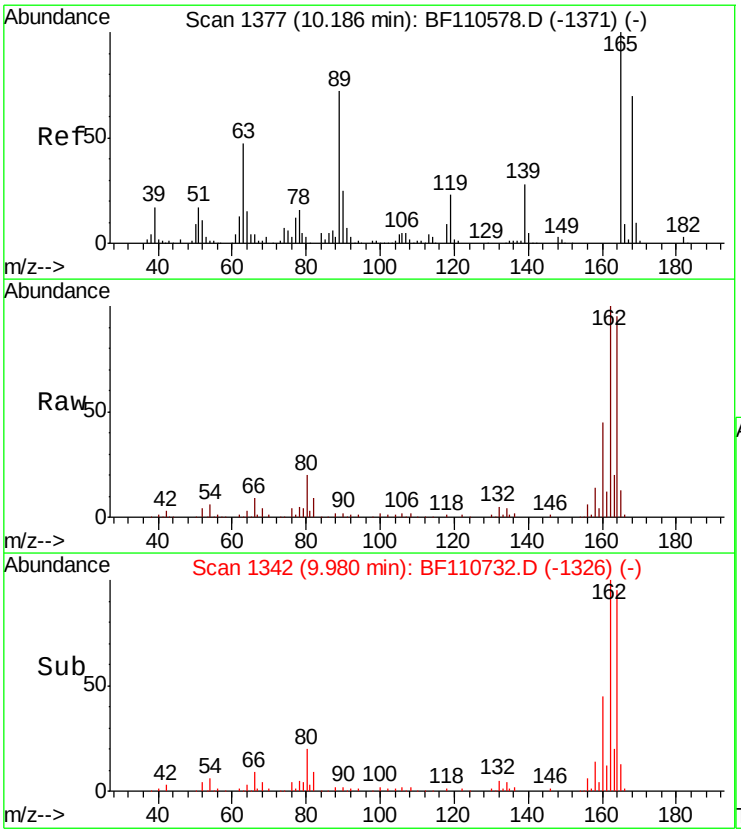
#51
2,6-Dinitrotoluene
Concen: 7.786 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.21 min
Lab File: BF110732.D
Acq: 13 Nov 2018 21:16

Instrument :
BNA_F
ClientSampleId :
SR-4-S

Tgt Ion:165 Resp: 18386

Ion	Ratio	Lower	Upper
165	100		
63	2.0	48.9	73.3#
89	0.0	46.6	69.8#

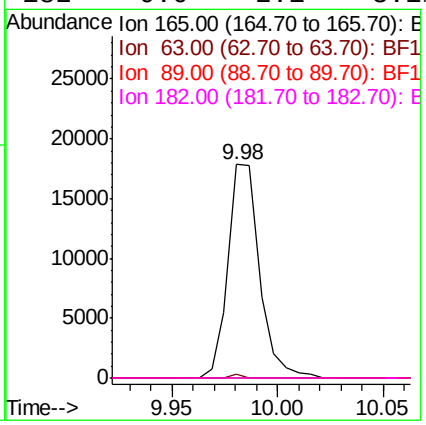


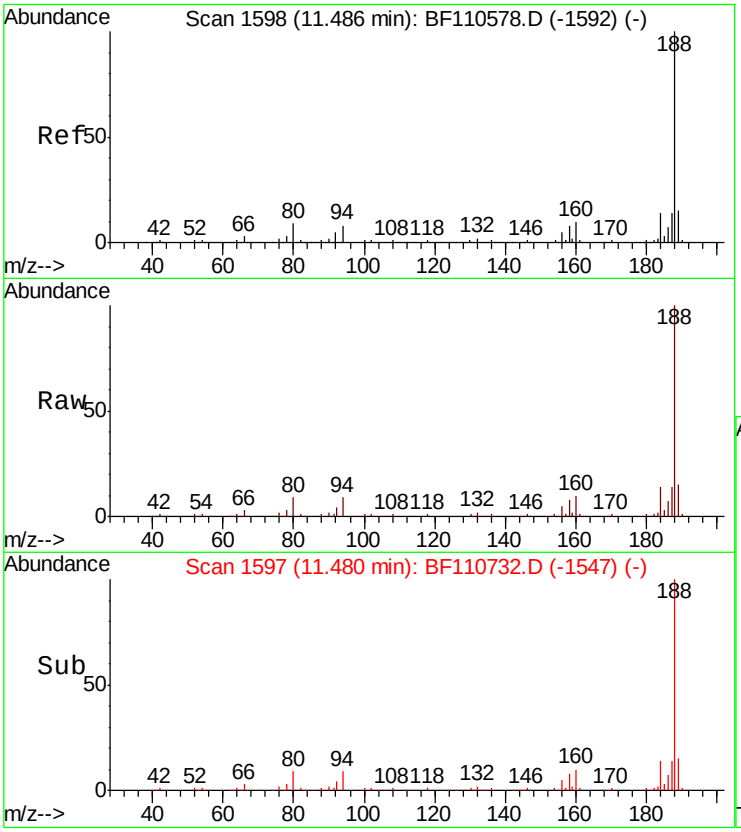


#57
2,4-Dinitrotoluene
Concen: 5.989 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.21 min
Lab File: BF110732.D
Acq: 13 Nov 2018 21:16

Tgt Ion:165 Resp: 18386

Ion	Ratio	Lower	Upper
165	100		
63	2.0	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#



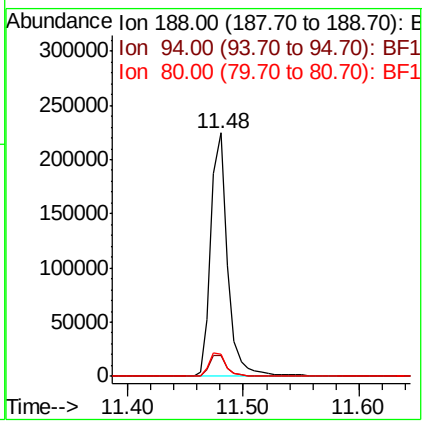


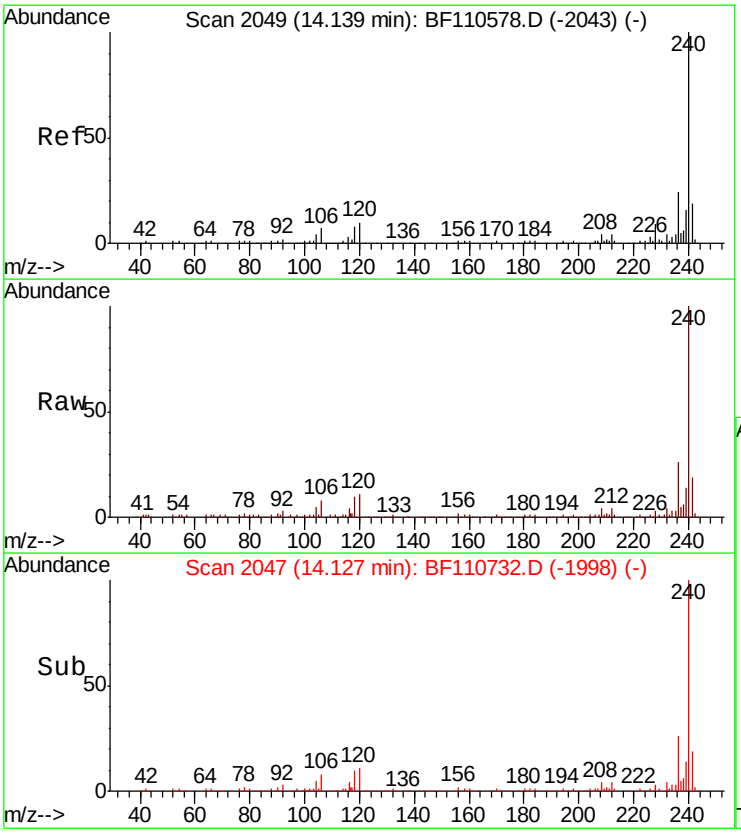
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110732.D
Acq: 13 Nov 2018 21:16

Instrument :
BNA_F
ClientSampleId :
SR-4-S

Tgt Ion:188 Resp: 226473

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.2	10.8
80	8.9	7.9	11.9

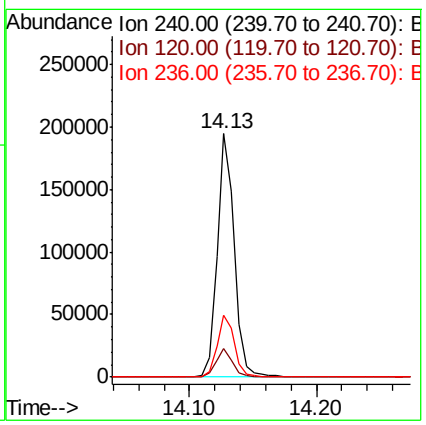


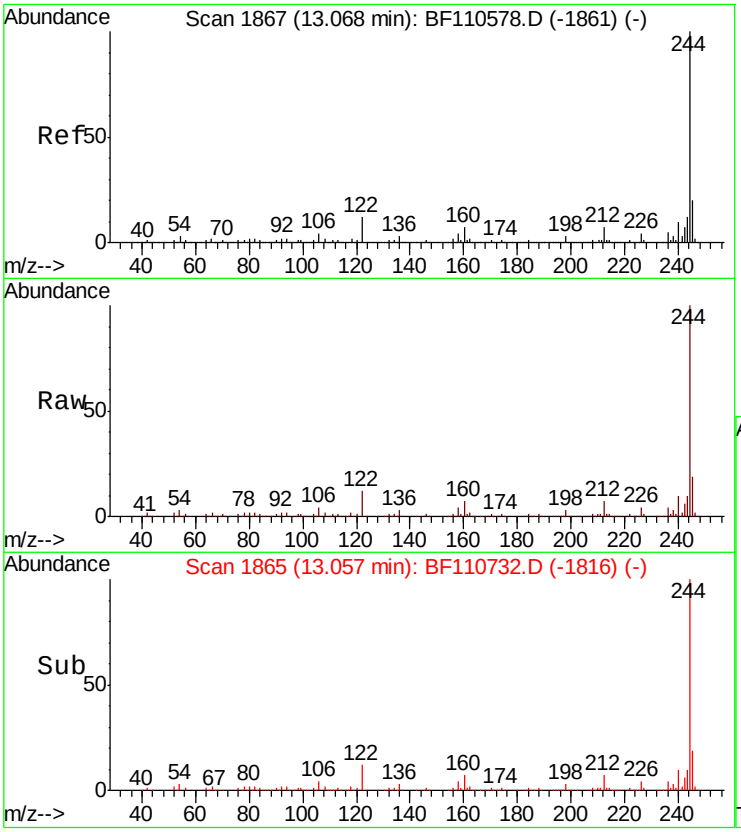


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110732.D
Acq: 13 Nov 2018 21:16

Tgt Ion:240 Resp: 183198

Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.3	12.5
236	25.5	21.2	31.8



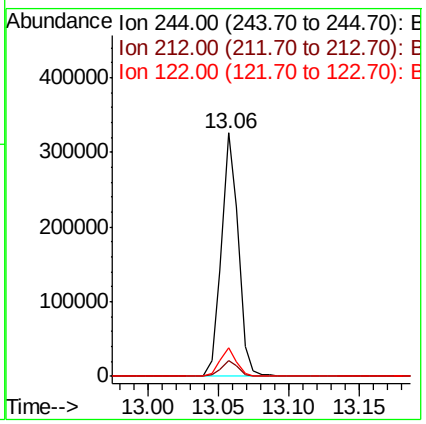


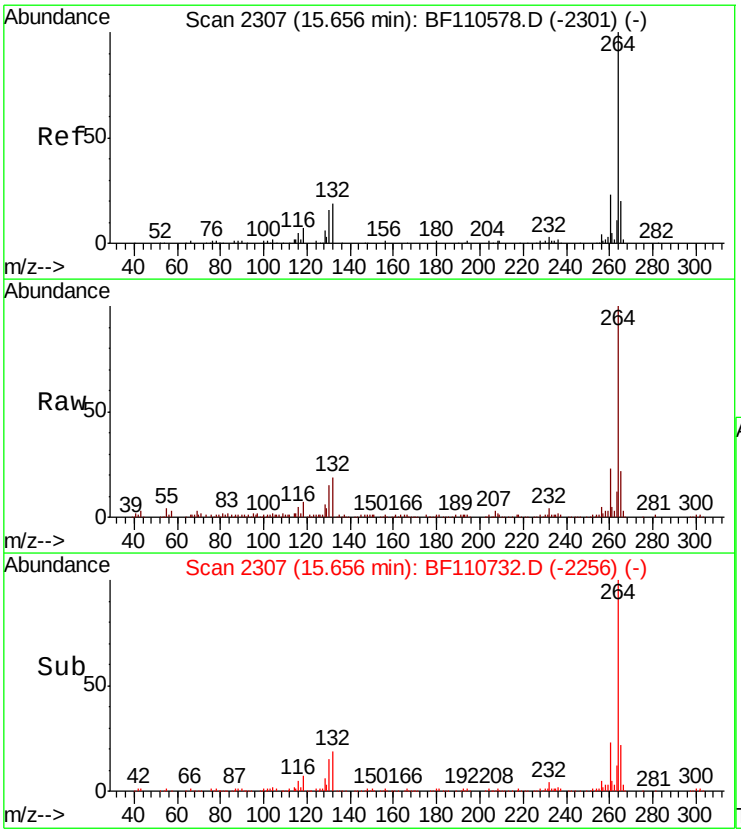
#79
Terphenyl-d14
Concen: 27.884 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BF110732.D
Acq: 13 Nov 2018 21:16

Instrument :
BNA_F
ClientSampleId :
SR-4-S

Tgt Ion:244 Resp: 272764

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.8
122	11.8	8.7	13.1

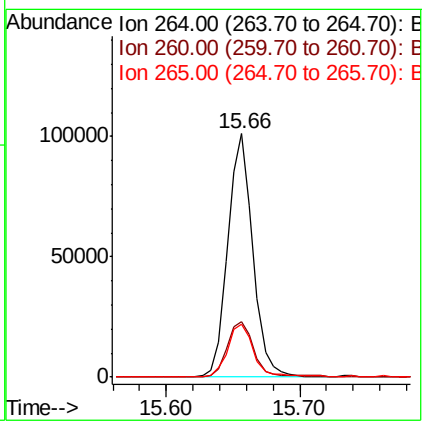


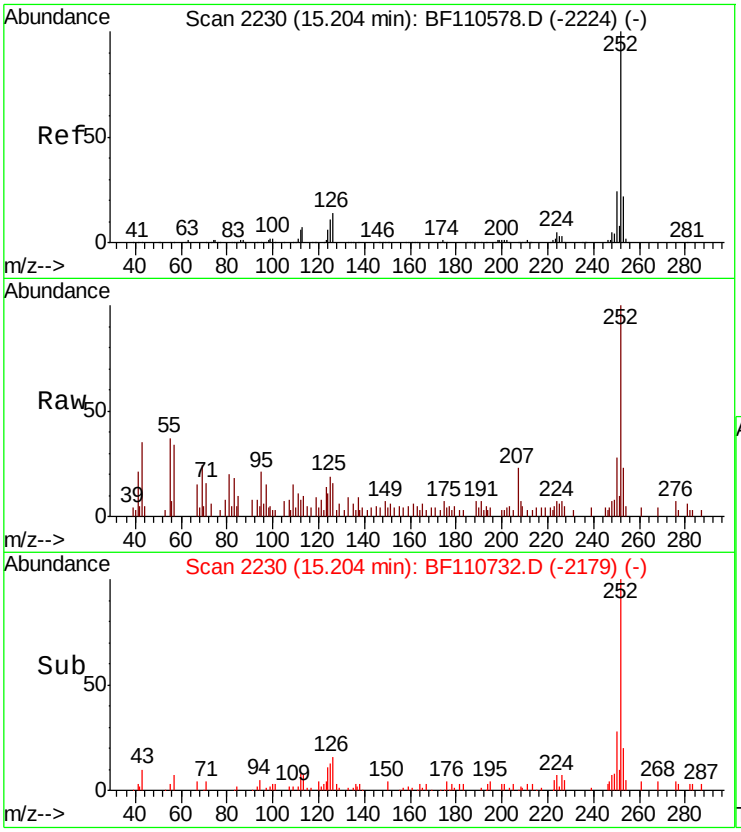


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110732.D
Acq: 13 Nov 2018 21:16

Tgt Ion:264 Resp: 133588

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.7	28.1
265	22.0	16.7	25.1



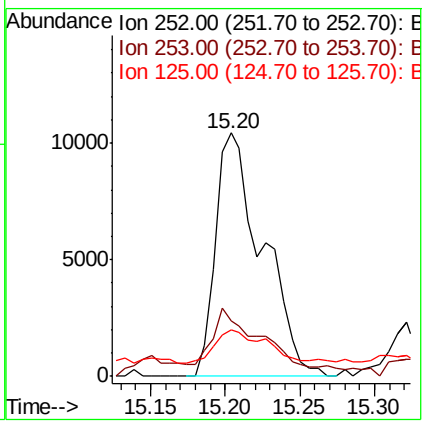


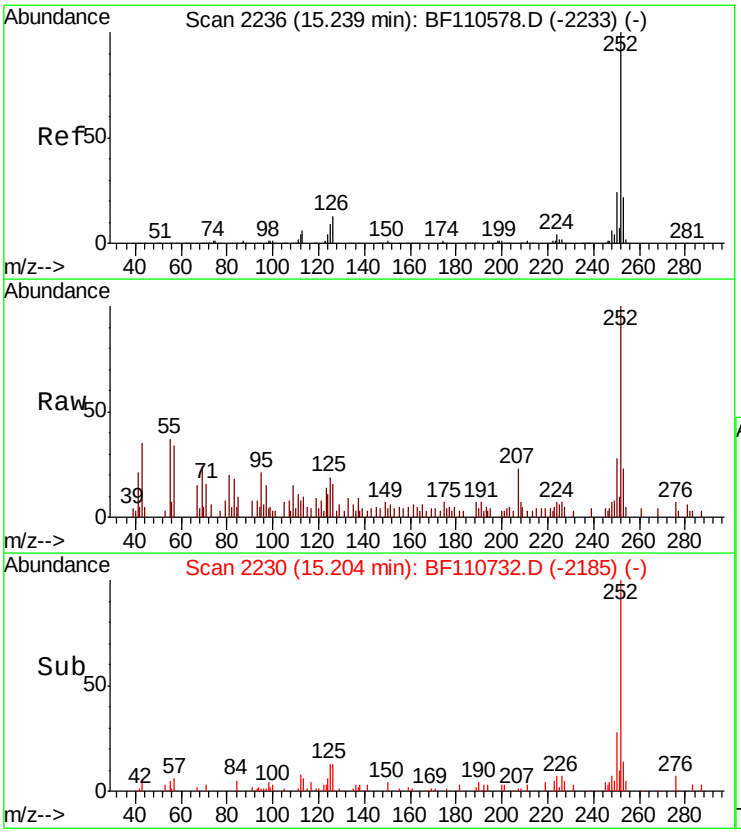
#88
Benzo(b)fluoranthene
Concen: 2.866 ng
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110732.D
Acq: 13 Nov 2018 21:16

Instrument :
BNA_F
ClientSampleId :
SR-4-S

Tgt Ion:252 Resp: 22901

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.2	25.8
125	19.0	8.2	12.4#





#89
Benzo(k)fluoranthene
Concen: 2.900 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.04 min
Lab File: BF110732.D
Acq: 13 Nov 2018 21:16

Tgt Ion:252 Resp: 22901

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.2	25.8
125	19.0	7.4	11.0#