Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
Data File : BF110425.D
Acq On : 2 Nov 2018 21:24
Operator : JU/SJ
Sample : J5767-07 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 03 00:52:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 16:06:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	88485	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	352388	20.00	ng		0.00
39) Acenaphthene-d10	10.00	164	136146	20.00	ng		0.00
64) Phenanthrene-d10	11.49	188	216377	20.00	ng		0.00
76) Chrysene-d12	14.13	240	176104	20.00	ng		0.00
87) Perylene-d12	15.66	264	128222	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	118853	21.87	ng		0.00
7) Phenol-d6	6.57	99	153317	22.06	ng		-0.01
23) Nitrobenzene-d5	7.52	82	87629	14.75	ng		0.00
42) 2,4,6-Tribromophenol	10.79	330	23060	17.10	ng		0.00
45) 2-Fluorobiphenyl	9.31	172	171532	19.78	ng		0.00
79) Terphenyl-d14	13.07	244	129642	15.31	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.72	77	2939	Below Cal			84
19) n-Nitroso-di-n-propylamine	7.52	70	11537	2.587	ng	#	77
25) Isophorone	7.52	82	87628	8.653	ng	#	67
51) 2,6-Dinitrotoluene	9.99	165	18013	8.321	ng	#	22
57) 2,4-Dinitrotoluene	9.99	165	18013	6.551	ng	#	19
75) Fluoranthene	12.70	202	31889	2.775	ng		99
77) Benzidine	13.06	184	1860	Below Cal		#	84
78) Pyrene	12.93	202	32904	2.606	ng		98
88) Benzo(b)fluoranthene	15.20	252	25448	3.437	ng	#	77
89) Benzo(k)fluoranthene	15.20	252	25448	3.496	ng	#	76
90) Benzo(a)pyrene	15.59	252	13656	2.004	ng	#	83

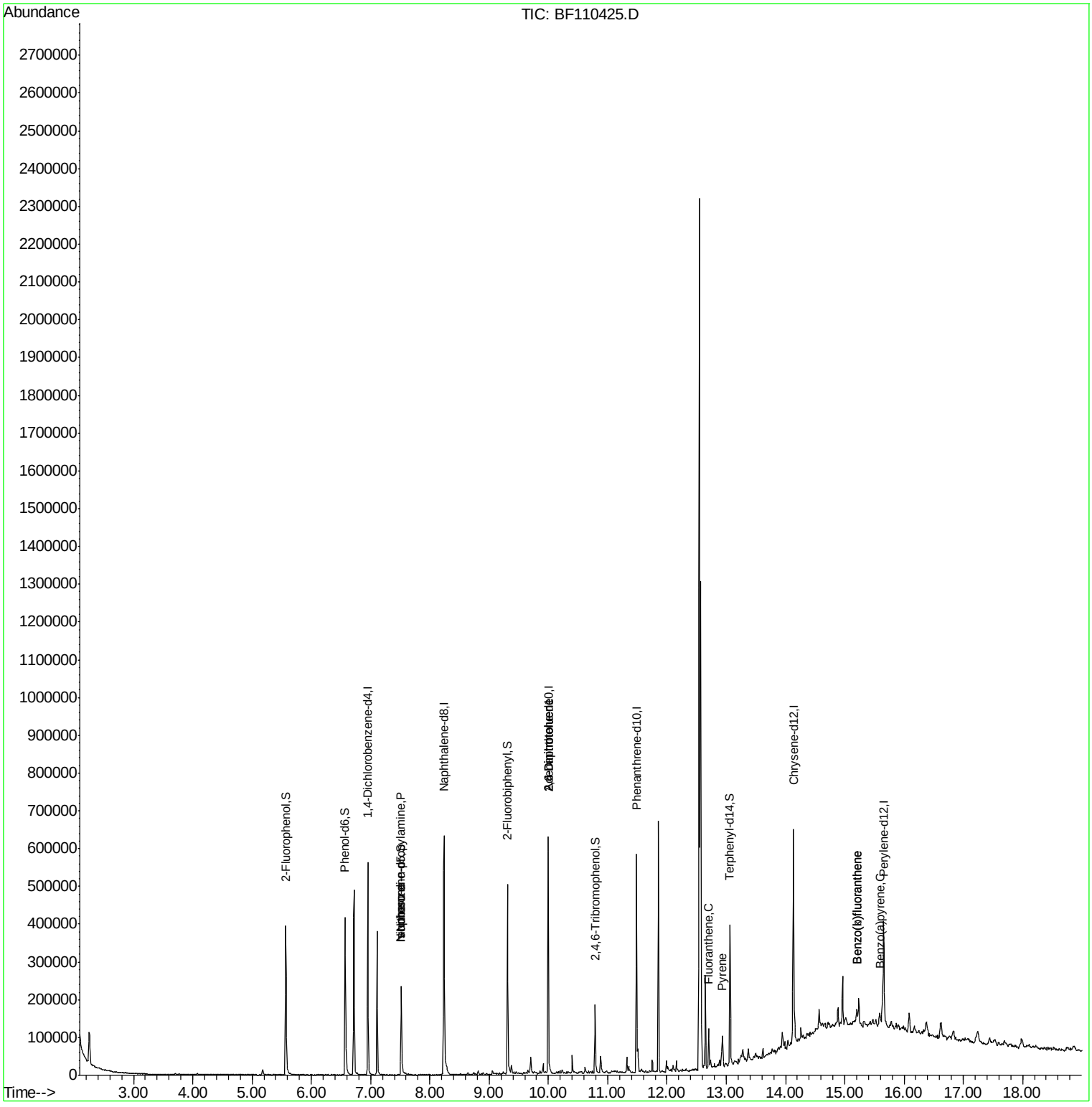
(#) = qualifier out of range (m) = manual integration (+) = signals summed

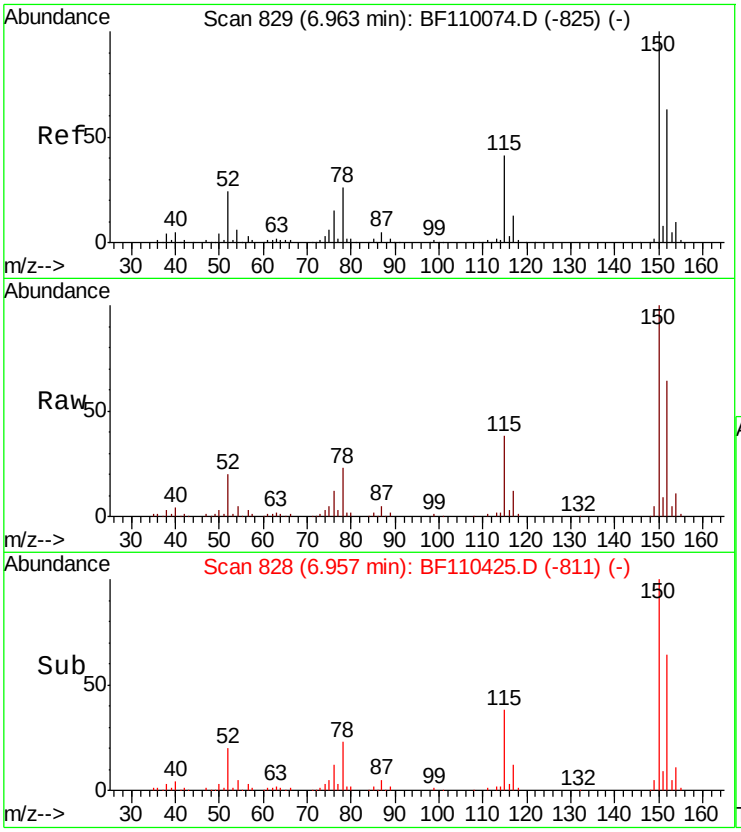
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
Data File : BF110425.D
Acq On : 2 Nov 2018 21:24
Operator : JU/SJ
Sample : J5767-07 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 03 00:52:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 16:06:12 2018
Response via : Initial Calibration



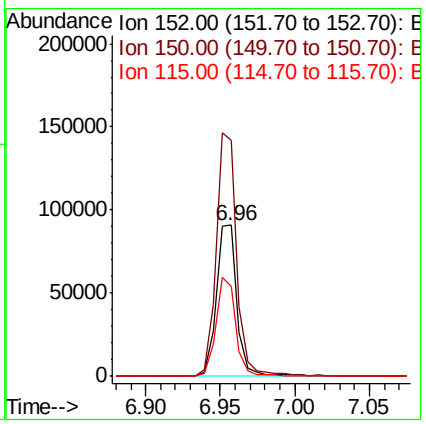


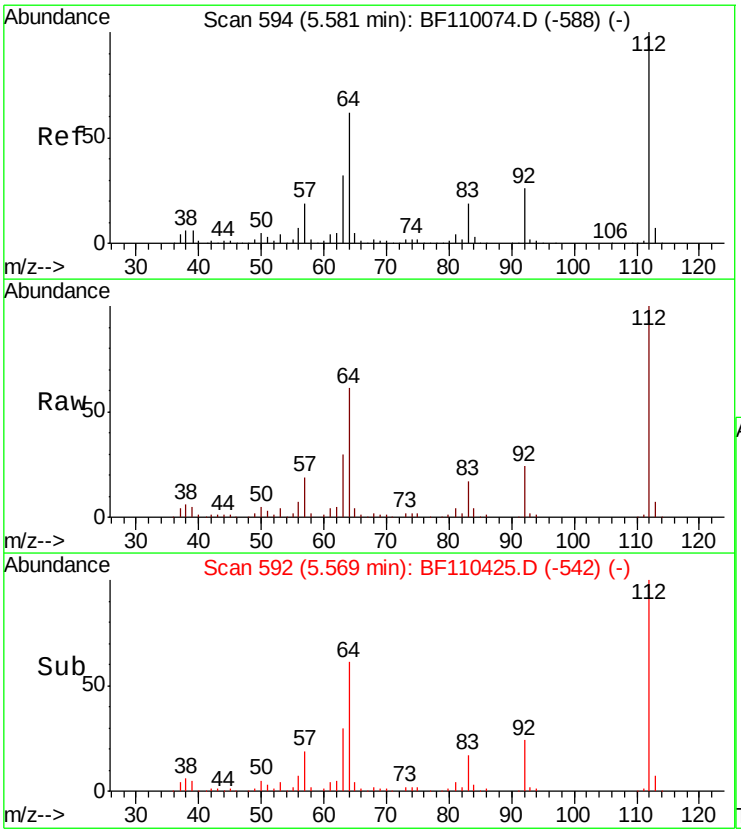
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF110425.D
Acq: 2 Nov 2018 21:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 88485

Ion	Ratio	Lower	Upper
152	100		
150	155.7	122.7	184.1
115	59.3	49.1	73.7

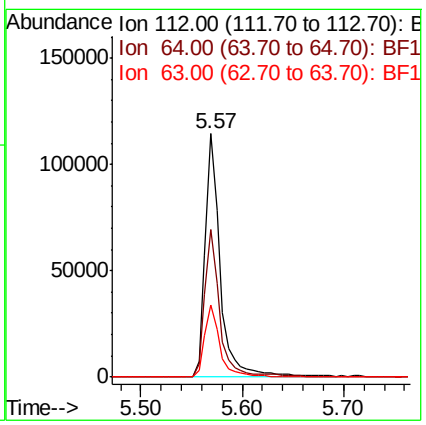


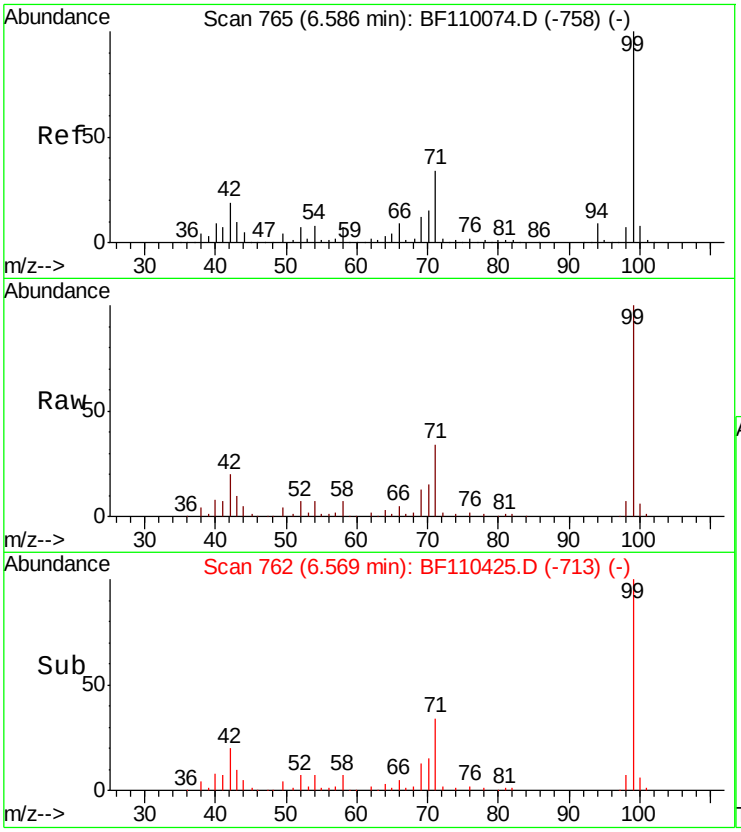


#5
2-Fluorophenol
Concen: 21.873 ng
RT: 5.57 min Scan# 592
Delta R.T. -0.01 min
Lab File: BF110425.D
Acq: 2 Nov 2018 21:24

Tgt Ion:112 Resp: 118853

Ion	Ratio	Lower	Upper
112	100		
64	60.6	44.1	66.1
63	29.5	23.7	35.5



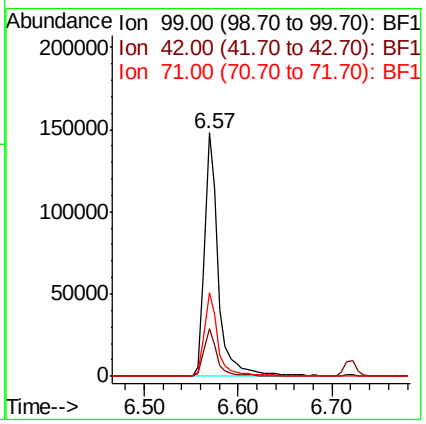


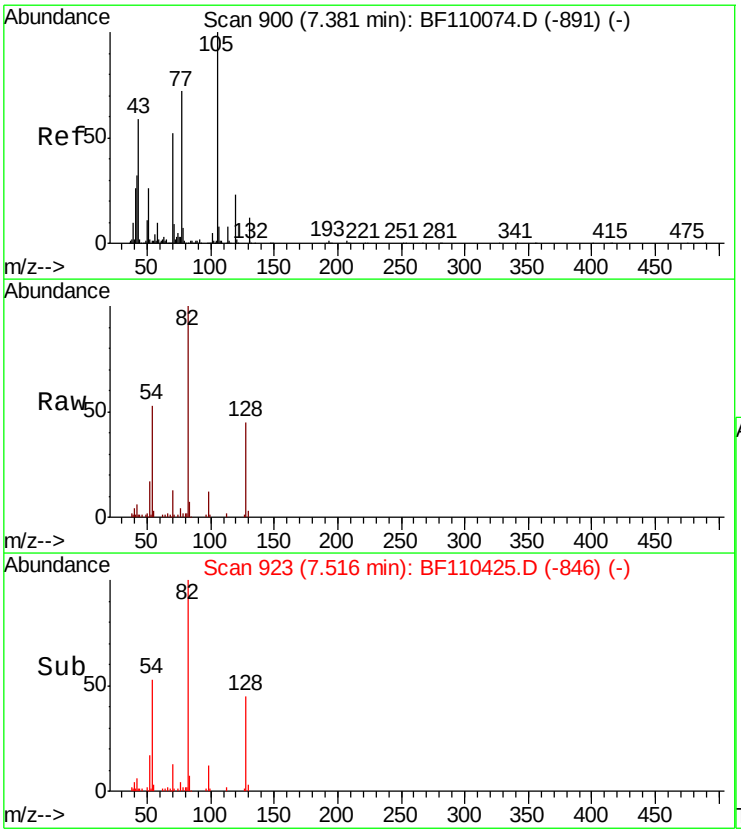
#7
Phenol-d6
Concen: 22.060 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF110425.D
Acq: 2 Nov 2018 21:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 153317

Ion	Ratio	Lower	Upper
99	100		
42	19.8	15.8	23.6
71	34.3	28.0	42.0

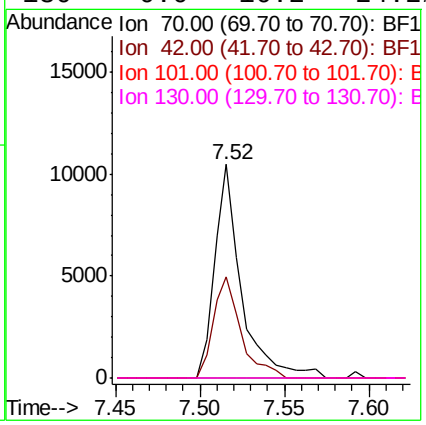


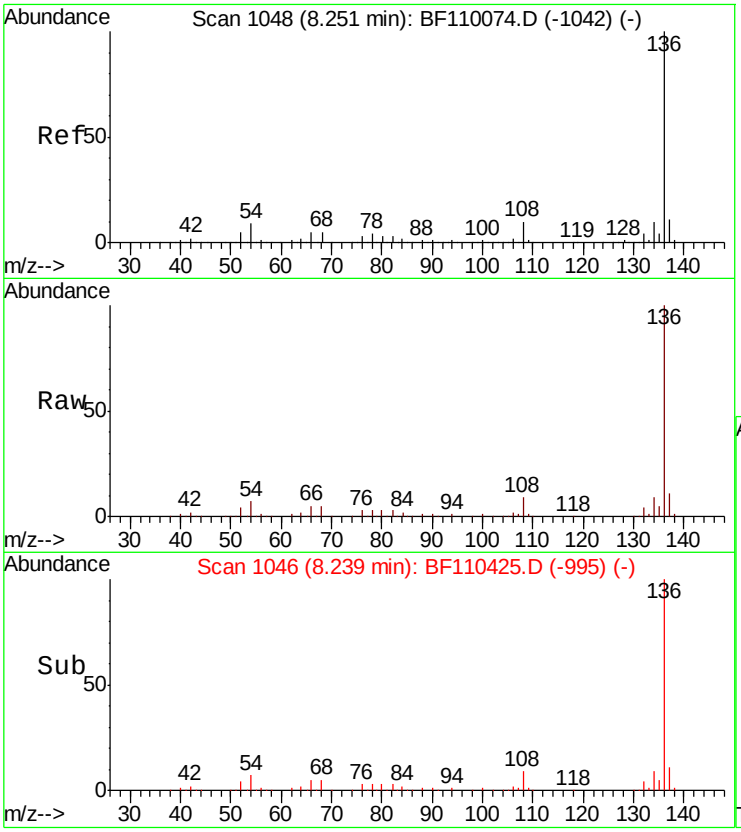


#19
n-Nitroso-di-n-propylamine
Concen: 2.587 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.15 min
Lab File: BF110425.D
Acq: 2 Nov 2018 21:24

Tgt Ion: 70 Resp: 11537

Ion	Ratio	Lower	Upper
70	100		
42	47.6	47.4	71.2
101	0.0	7.3	10.9#
130	0.0	16.2	24.2#



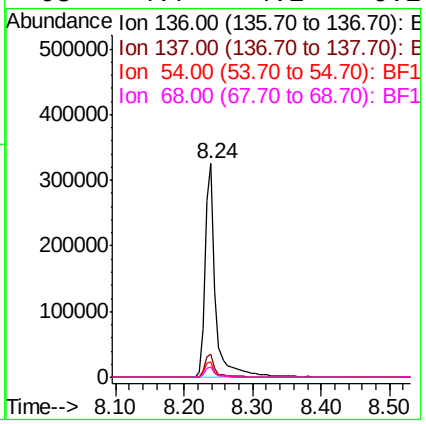


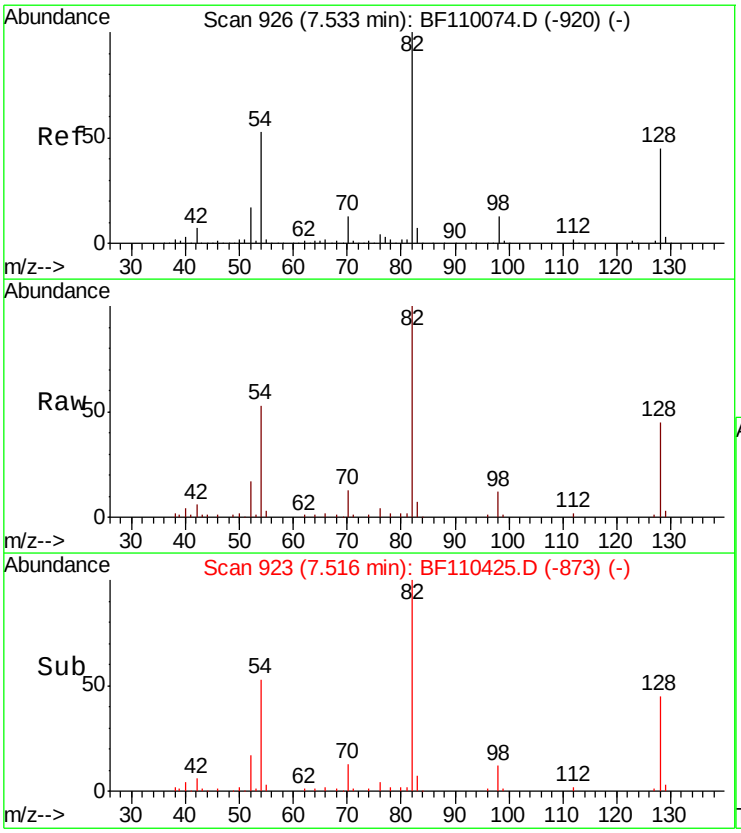
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BF110425.D
Acq: 2 Nov 2018 21:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 352388

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.2	5.4	8.2
68	4.7	4.2	6.2

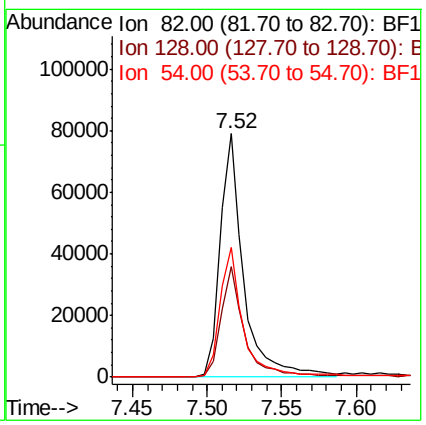


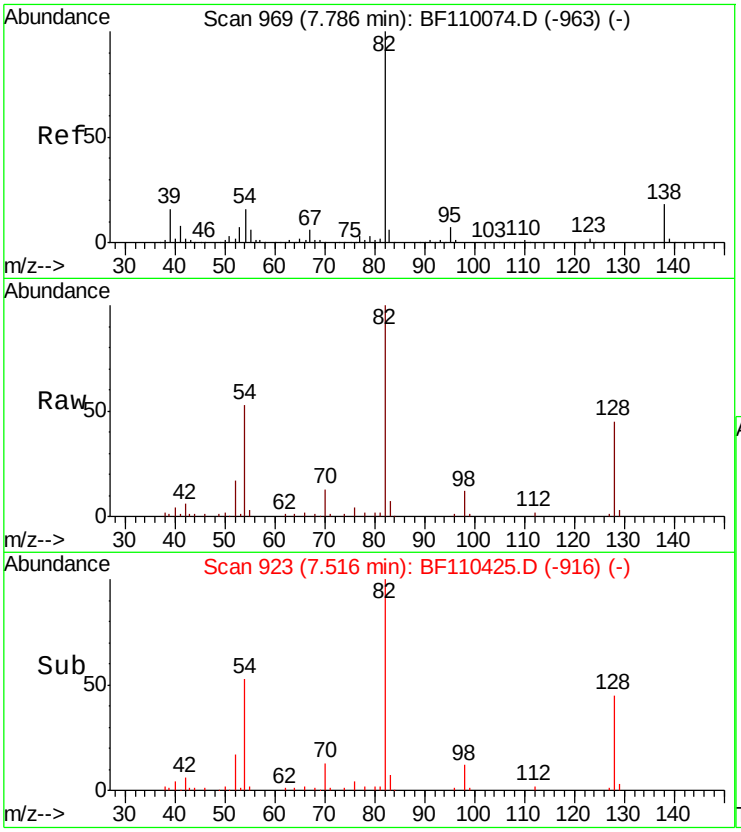


#23
Nitrobenzene-d5
Concen: 14.750 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF110425.D
Acq: 2 Nov 2018 21:24

Tgt Ion: 82 Resp: 87629

Ion	Ratio	Lower	Upper
82	100		
128	45.5	34.2	51.2
54	53.3	38.6	58.0



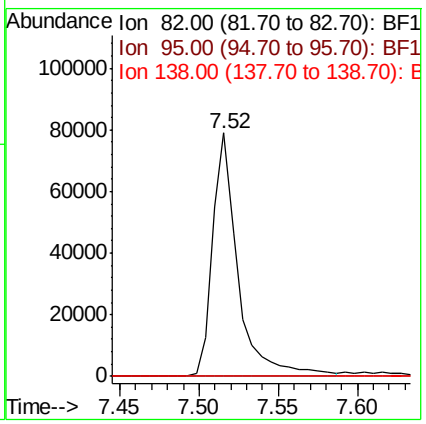


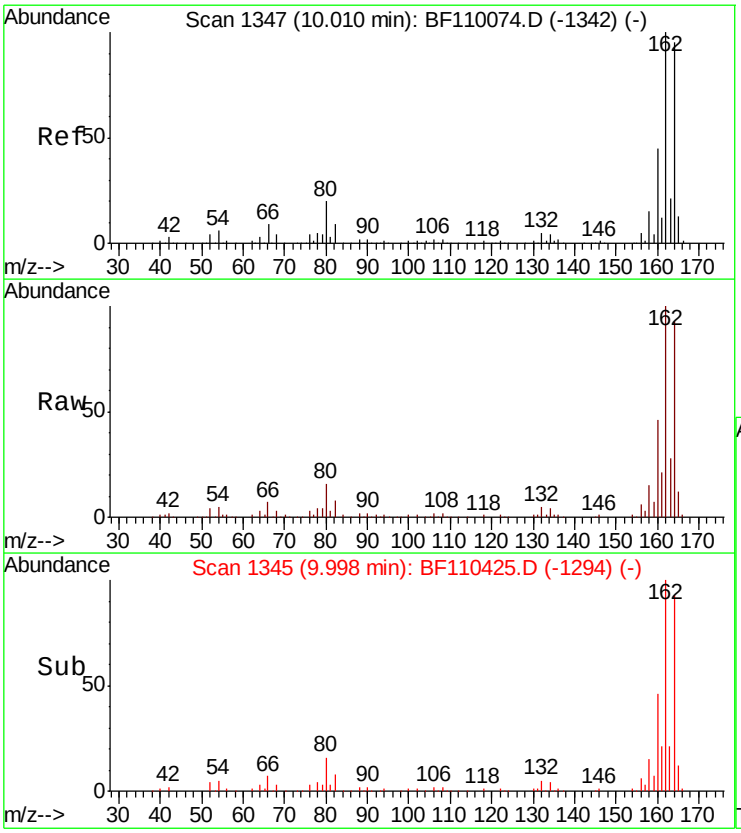
#25
Isophorone
Concen: 8.653 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.26 min
Lab File: BF110425.D
Acq: 2 Nov 2018 21:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 87628

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

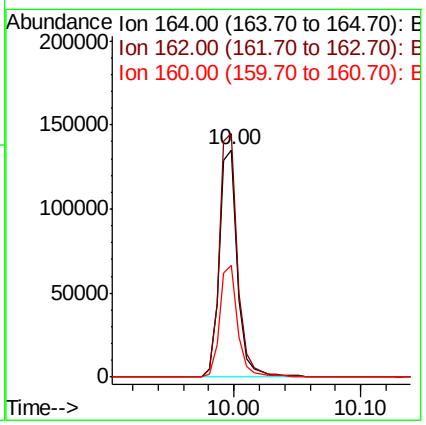


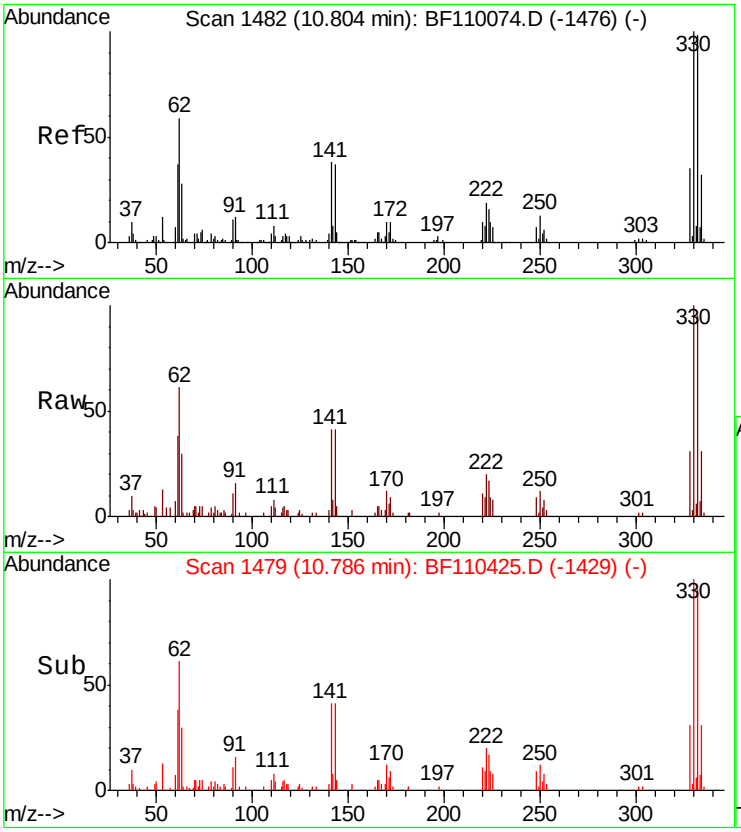


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BF110425.D
Acq: 2 Nov 2018 21:24

Tgt Ion:164 Resp: 136146

Ion	Ratio	Lower	Upper
164	100		
162	107.0	83.0	124.6
160	49.2	37.0	55.6



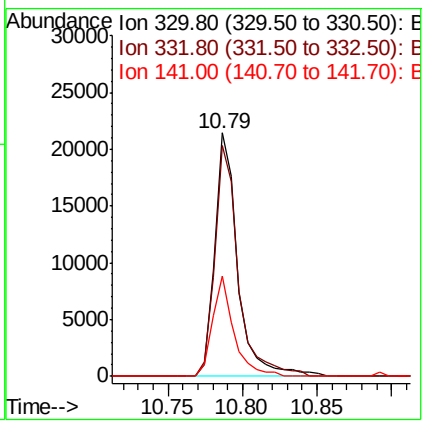


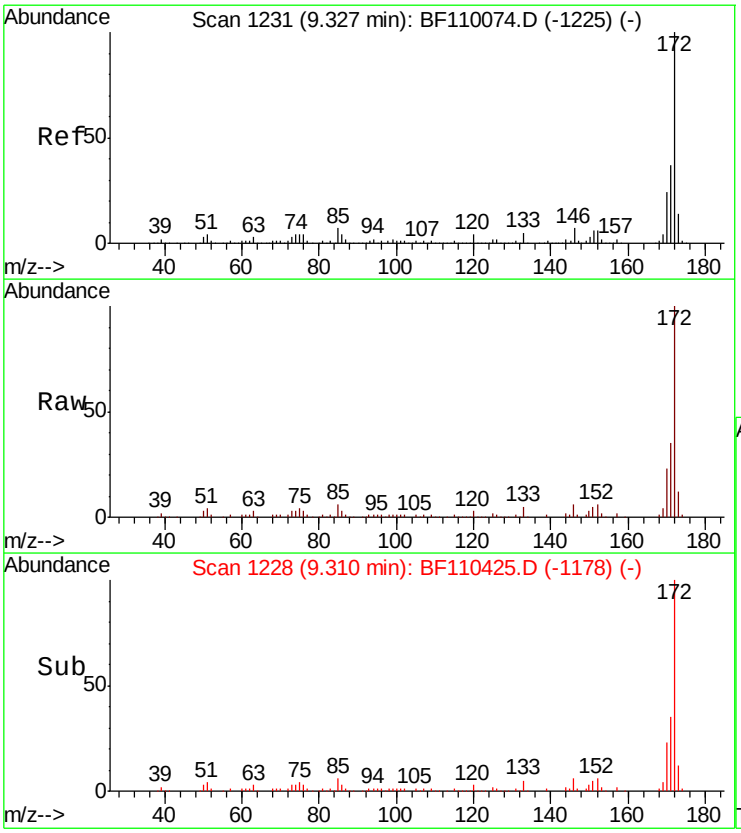
#42
2,4,6-Tribromophenol
Concen: 17.099 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF110425.D
Acq: 2 Nov 2018 21:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 23060

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.1	115.7
141	38.0	27.0	40.4

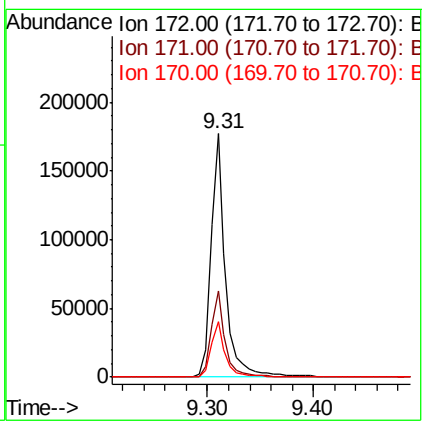


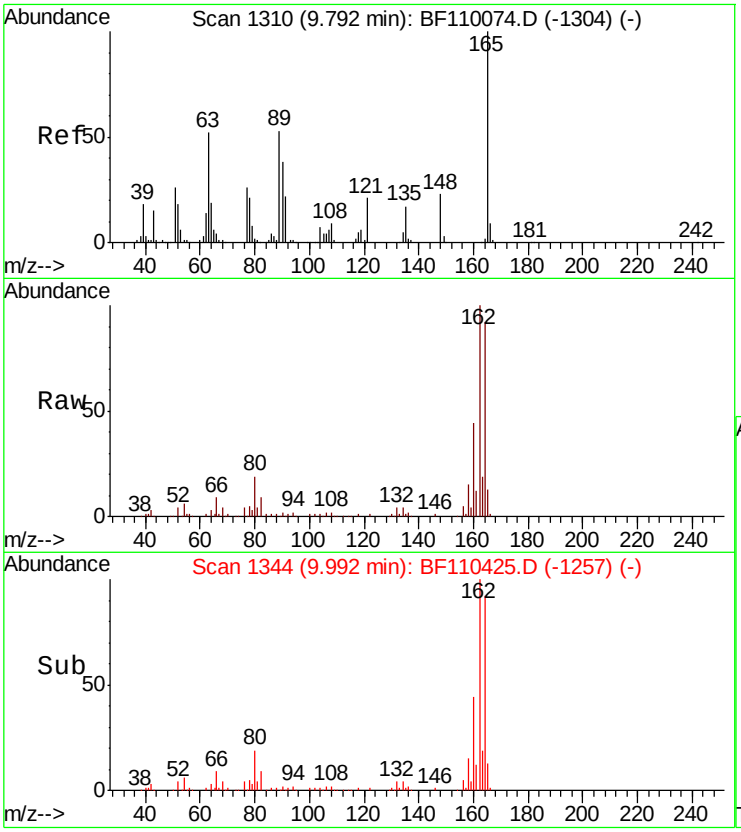


#45
2-Fluorobiphenyl
Concen: 19.784 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF110425.D
Acq: 2 Nov 2018 21:24

Tgt Ion:172 Resp: 171532

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	43.0
170	22.9	19.7	29.5



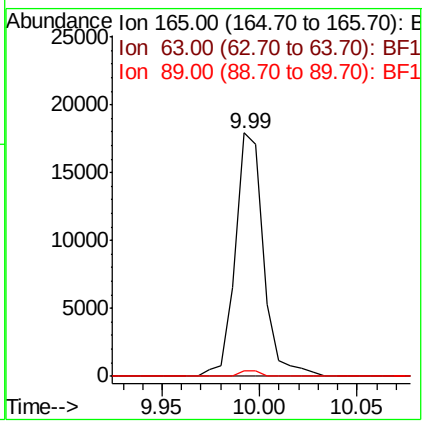


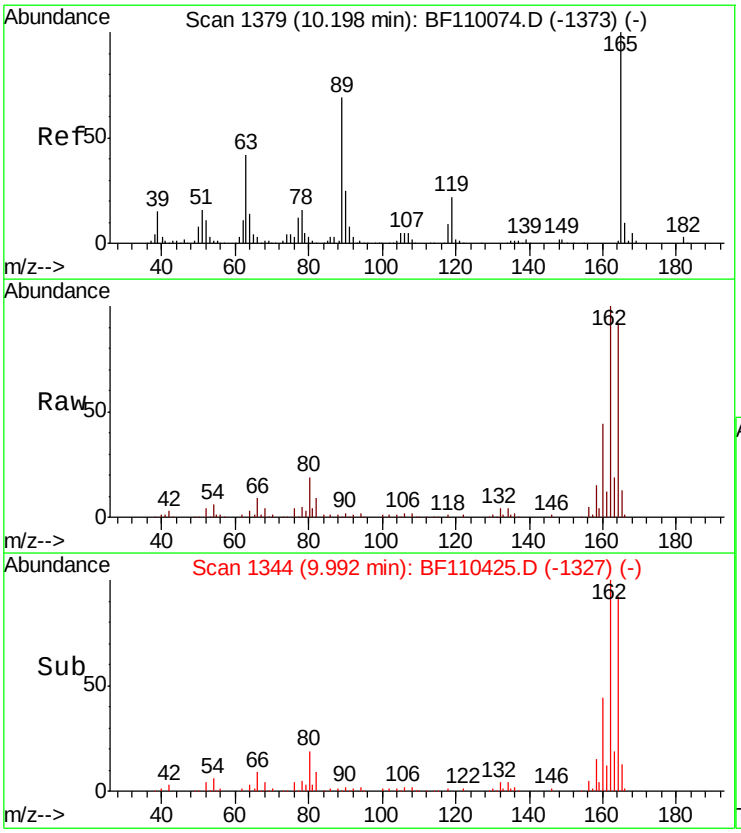
#51
2,6-Dinitrotoluene
Concen: 8.321 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.21 min
Lab File: BF110425.D
Acq: 2 Nov 2018 21:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 18013

Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	2.1	46.6	69.8#

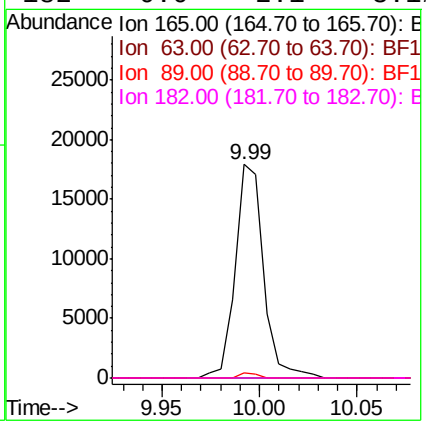


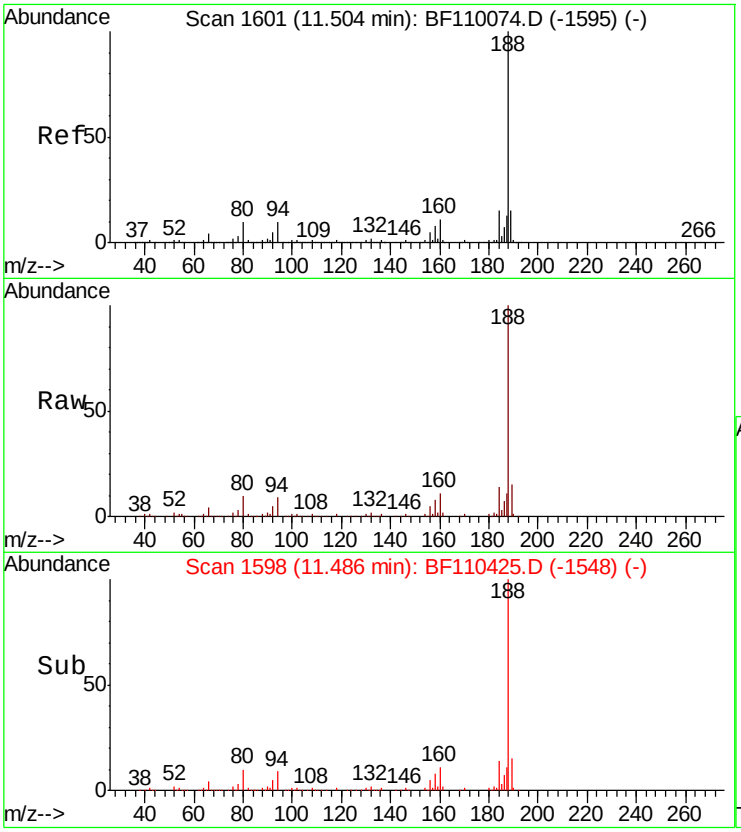


#57
2,4-Dinitrotoluene
Concen: 6.551 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.20 min
Lab File: BF110425.D
Acq: 2 Nov 2018 21:24

Tgt Ion:165 Resp: 18013

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



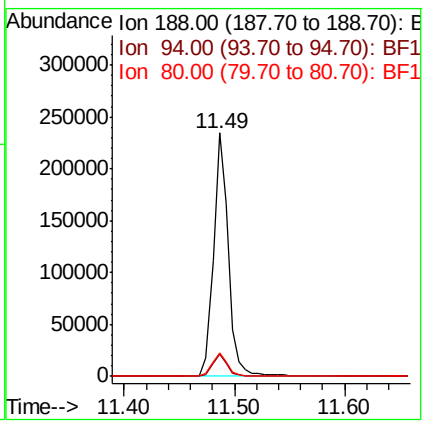


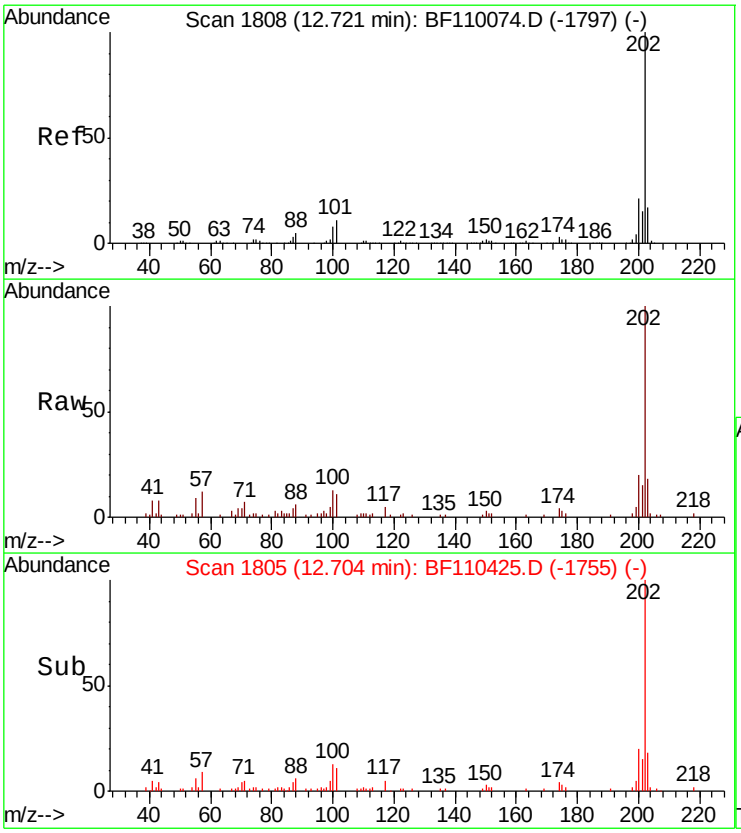
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF110425.D
Acq: 2 Nov 2018 21:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 216377

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.2	10.8
80	9.6	7.9	11.9

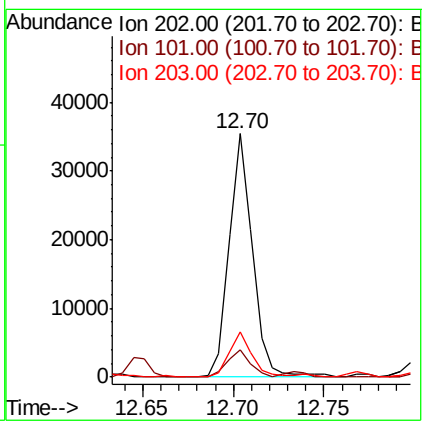


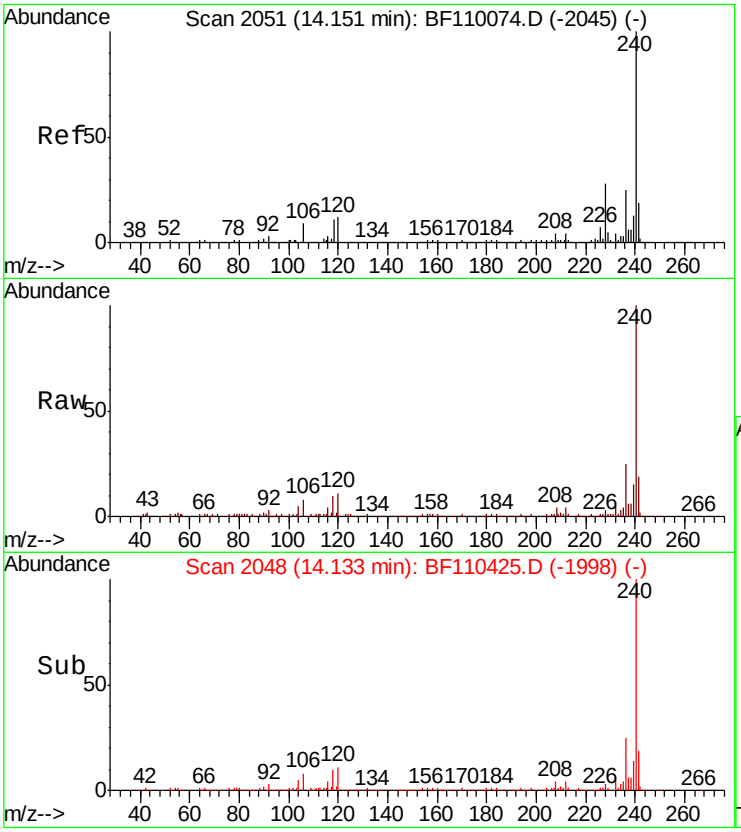


#75
Fluoranthene
Concen: 2.775 ng
RT: 12.70 min Scan# 1805
Delta R.T. -0.01 min
Lab File: BF110425.D
Acq: 2 Nov 2018 21:24

Tgt Ion:202 Resp: 31889

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	31.4
203	18.4	0.0	37.7



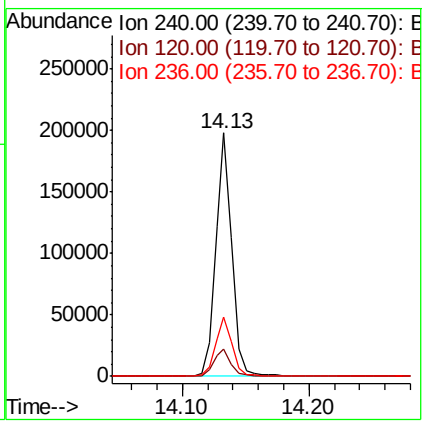


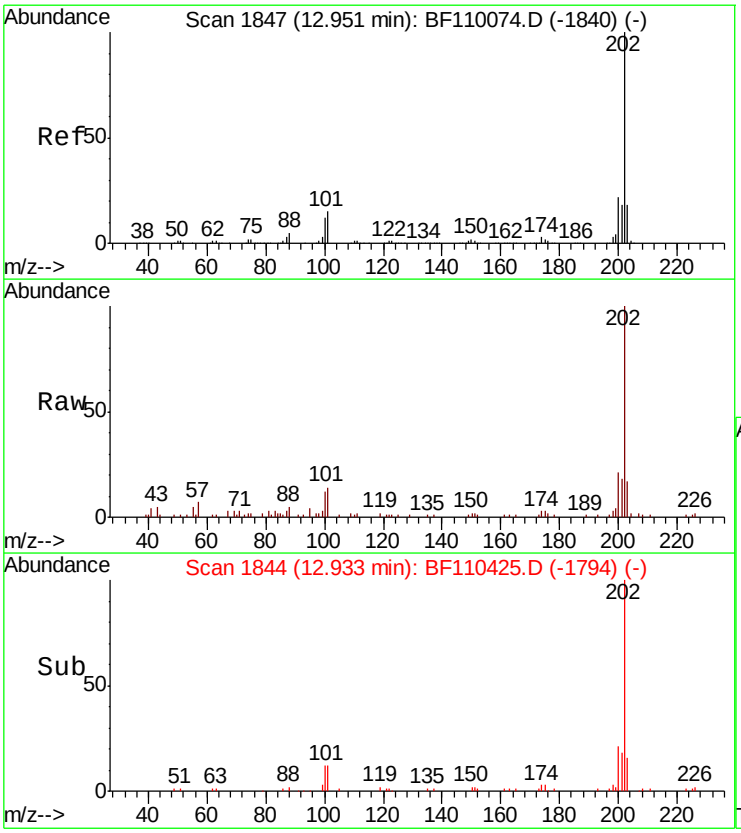
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110425.D
Acq: 2 Nov 2018 21:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 176104

Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.3	12.5
236	24.6	21.2	31.8

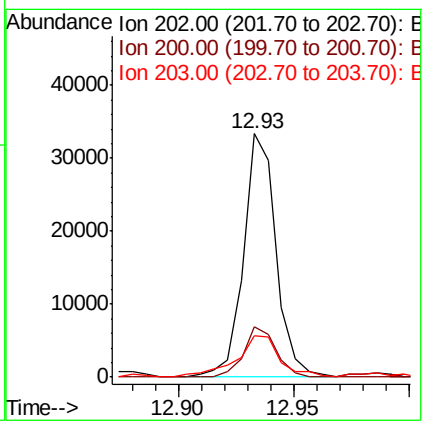


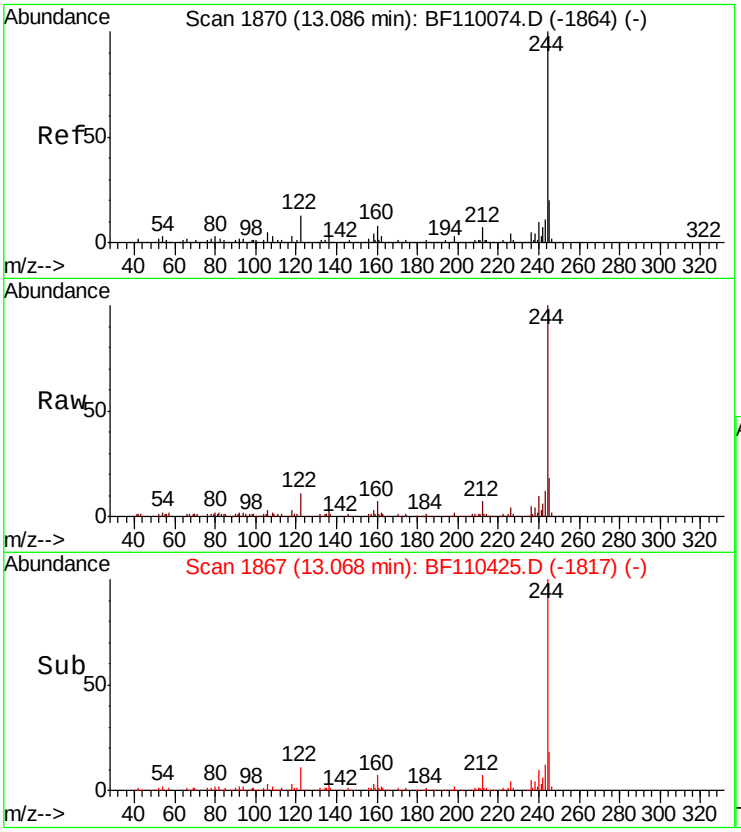


#78
Pyrene
Concen: 2.606 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BF110425.D
Acq: 2 Nov 2018 21:24

Tgt Ion:202 Resp: 32904

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.8	26.6
203	17.2	14.2	21.4



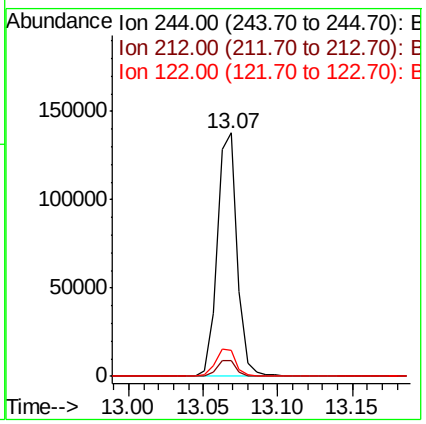


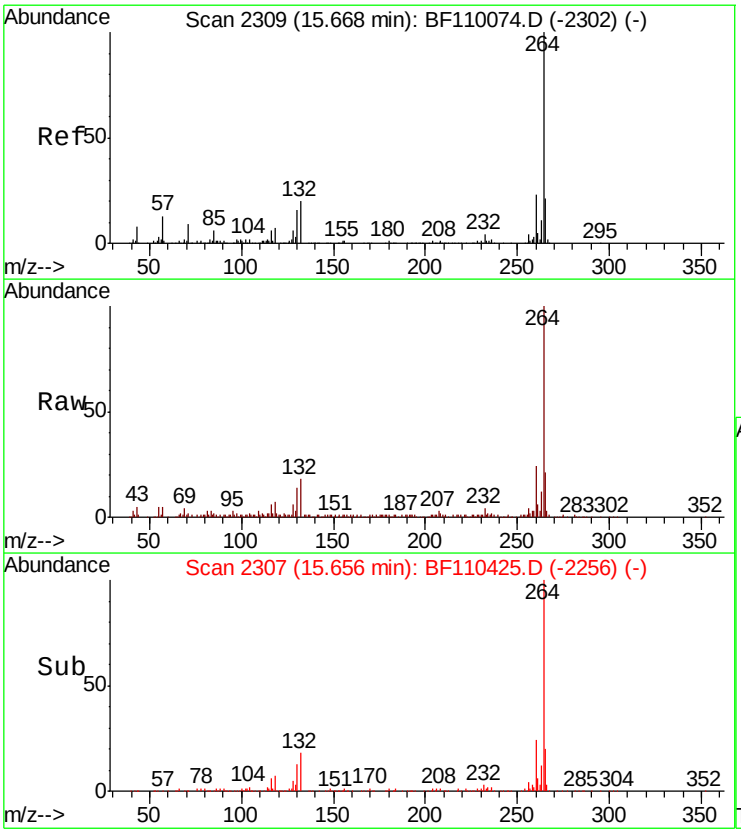
#79
Terphenyl-d14
Concen: 15.310 ng
RT: 13.07 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BF110425.D
Acq: 2 Nov 2018 21:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 129642

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.8
122	10.6	8.7	13.1

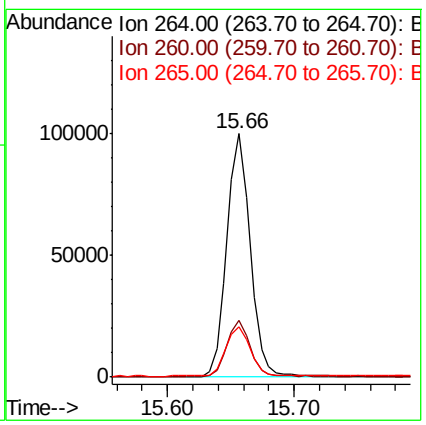


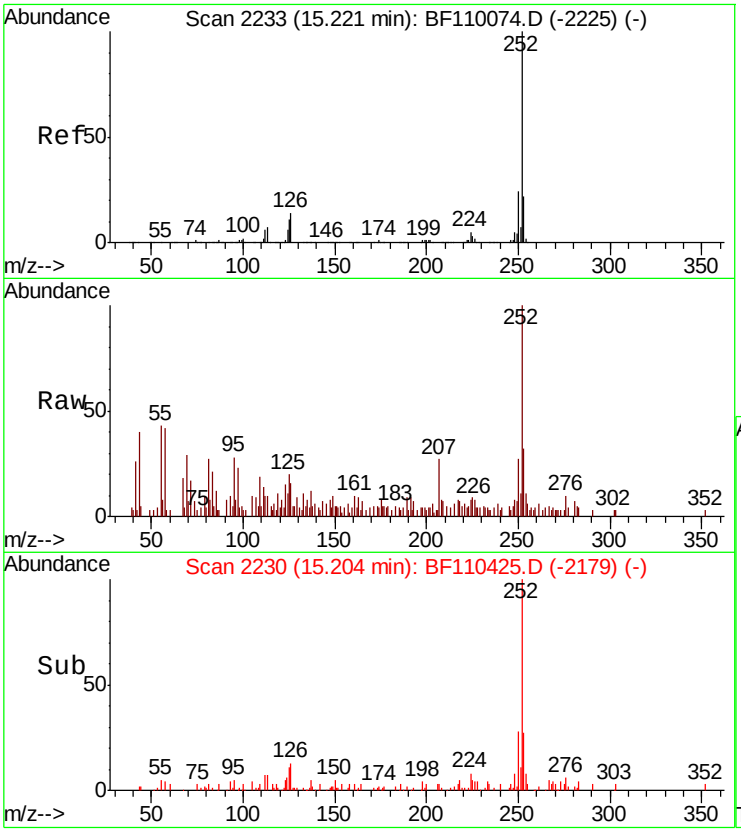


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. -0.00 min
Lab File: BF110425.D
Acq: 2 Nov 2018 21:24

Tgt Ion:264 Resp: 128222

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	20.7	16.7	25.1



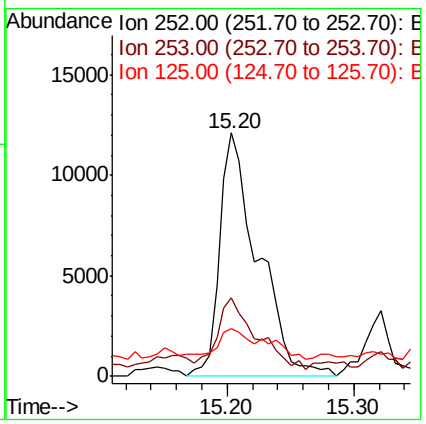


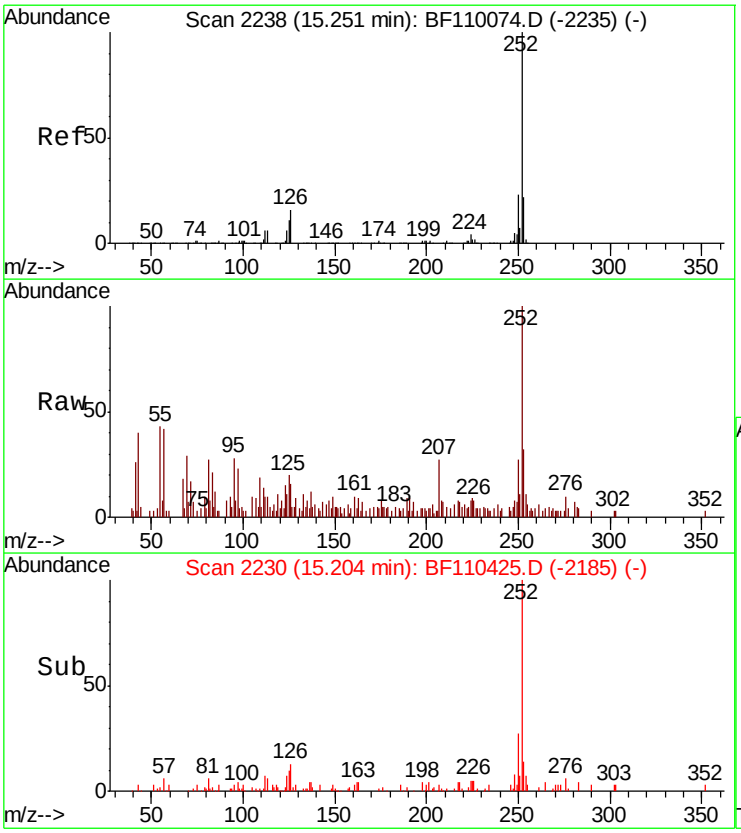
#88
Benzo(b)fluoranthene
Concen: 3.437 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.00 min
Lab File: BF110425.D
Acq: 2 Nov 2018 21:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 25448

Ion	Ratio	Lower	Upper
252	100		
253	32.1	17.2	25.8#
125	19.6	8.2	12.4#

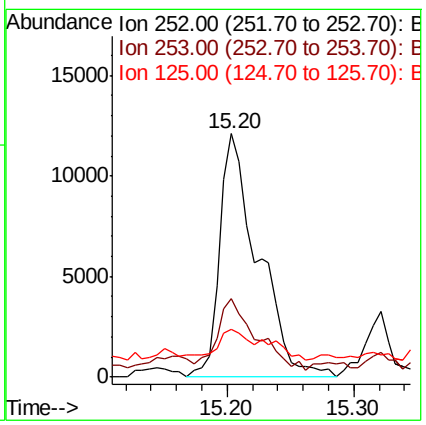


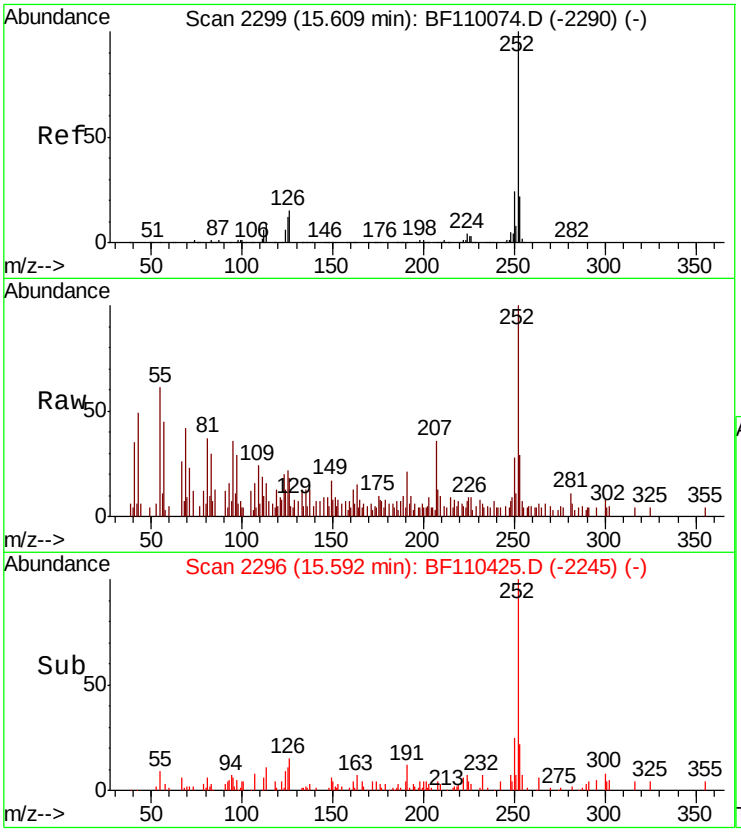


#89
Benzo(k)fluoranthene
Concen: 3.496 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.04 min
Lab File: BF110425.D
Acq: 2 Nov 2018 21:24

Tgt Ion:252 Resp: 25448

Ion	Ratio	Lower	Upper
252	100		
253	32.1	17.2	25.8#
125	19.6	7.4	11.0#





#90
Benzo(a)pyrene
Concen: 2.004 ng
RT: 15.59 min Scan# 2296
Delta R.T. -0.00 min
Lab File: BF110425.D
Acq: 2 Nov 2018 21:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 13656

Ion	Ratio	Lower	Upper
252	100		
253	29.0	18.2	27.4#
125	21.6	9.0	13.6#