Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111618\
Data File : BF110827.D
Acq On : 16 Nov 2018 20:01
Operator : JU/SJ
Sample : J5951-02 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FDSB-02(21-23)

Quant Time: Nov 16 23:27:55 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	108105	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	459242	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	203082	20.00	ng	-0.01
64) Phenanthrene-d10	11.47	188	324102	20.00	ng	-0.01
76) Chrysene-d12	14.13	240	270267	20.00	ng	-0.01
87) Perylene-d12	15.66	264	203673	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	33194	4.99	ng	0.00
7) Phenol-d6	6.57	99	43909	5.16	ng	0.00
23) Nitrobenzene-d5	7.52	82	27763	3.48	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	6952	3.40	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	54900	3.86	ng	0.00
79) Terphenyl-d14	13.06	244	41233	2.86	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.71	77	650	Below Cal	#	86
25) Isophorone	7.52	82	27763	2.124	ng	# 67
51) 2,6-Dinitrotoluene	9.98	165	24958	7.487	ng	# 23
57) 2,4-Dinitrotoluene	9.98	165	24958	5.758	ng	# 19

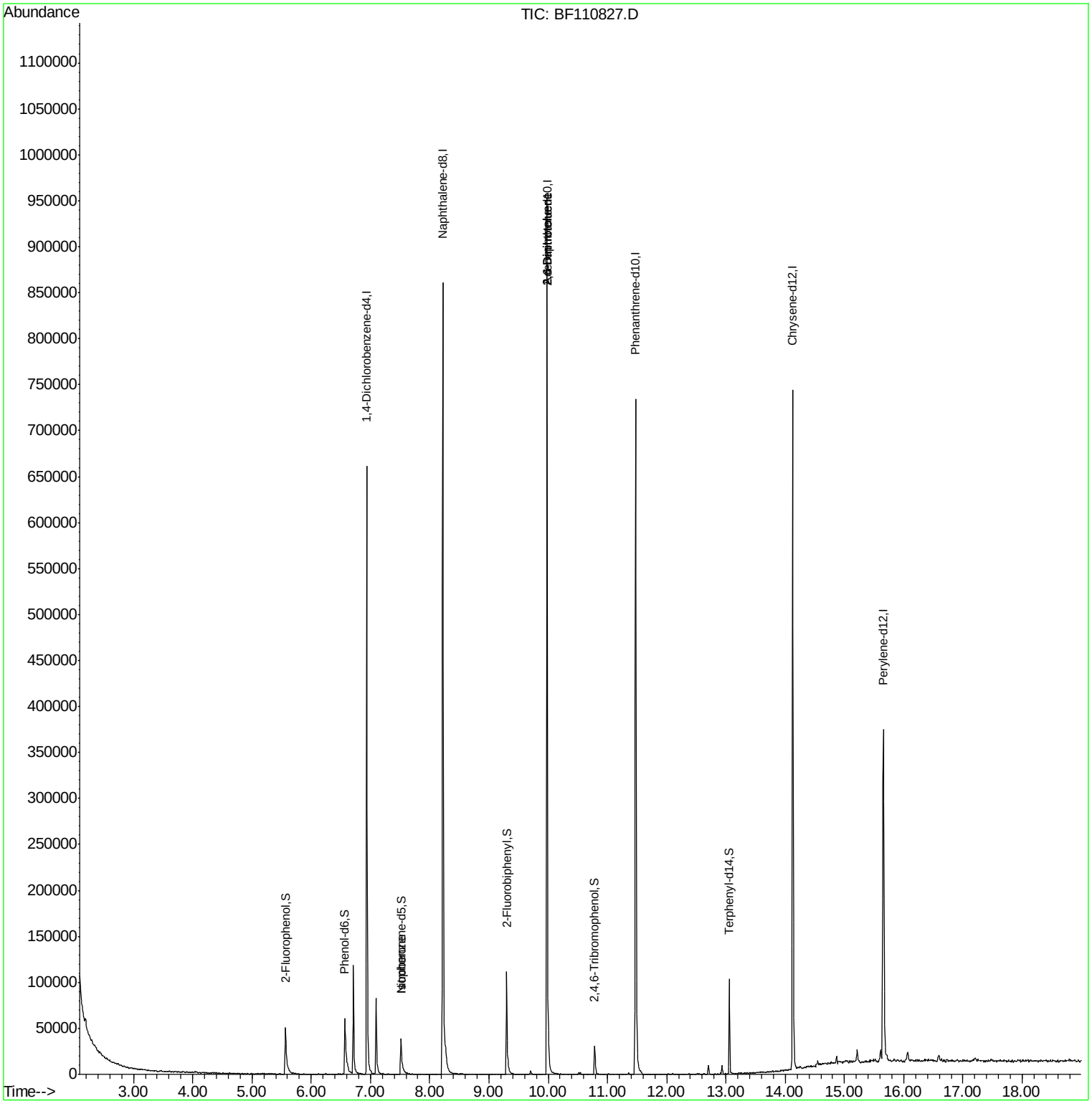
(#) = qualifier out of range (m) = manual integration (+) = signals summed

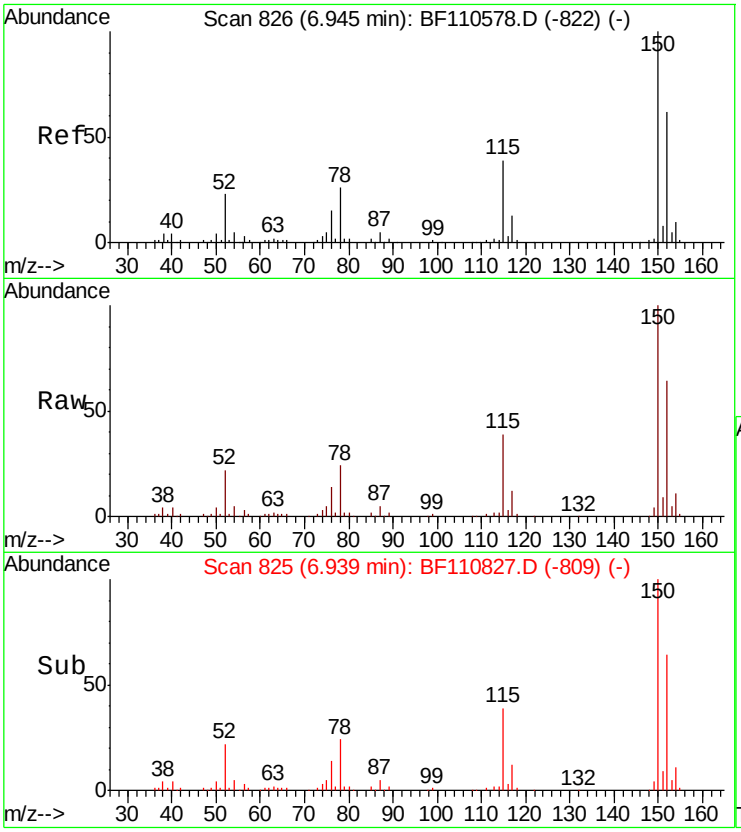
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111618\
Data File : BF110827.D
Acq On : 16 Nov 2018 20:01
Operator : JU/SJ
Sample : J5951-02 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FDSB-02(21-23)

Quant Time: Nov 16 23:27:55 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



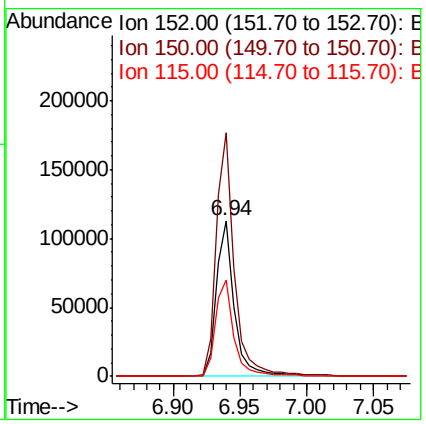


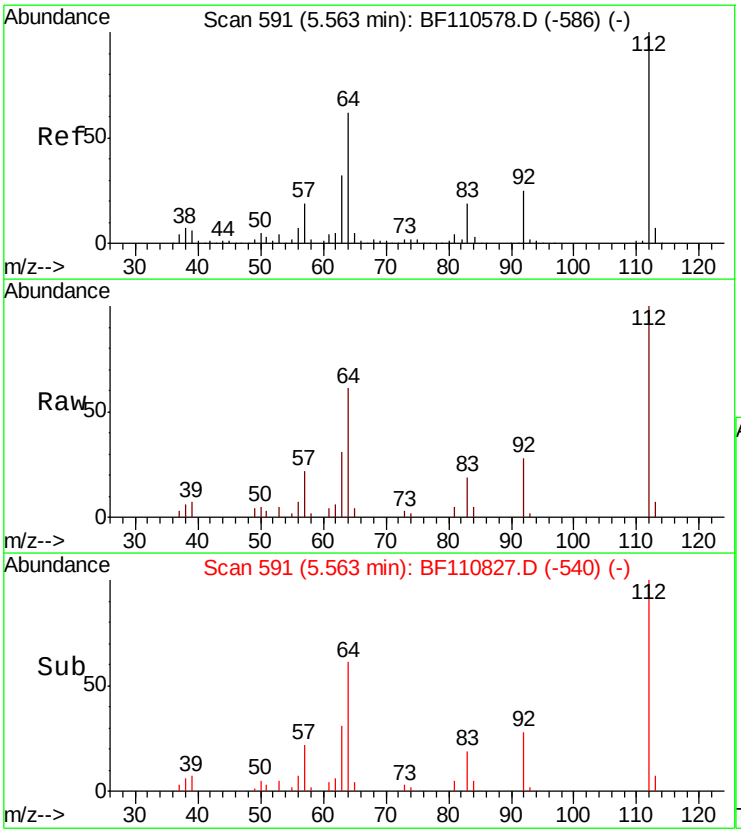
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110827.D
Acq: 16 Nov 2018 20:01

Instrument :
BNA_F
ClientSampleId :
FDSB-02(21-23)

Tgt Ion:152 Resp: 108105

Ion	Ratio	Lower	Upper
152	100		
150	156.4	122.7	184.1
115	61.8	49.1	73.7

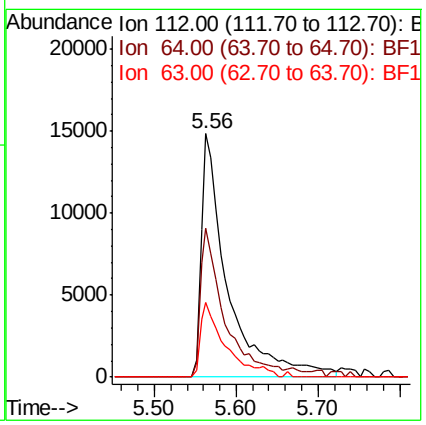


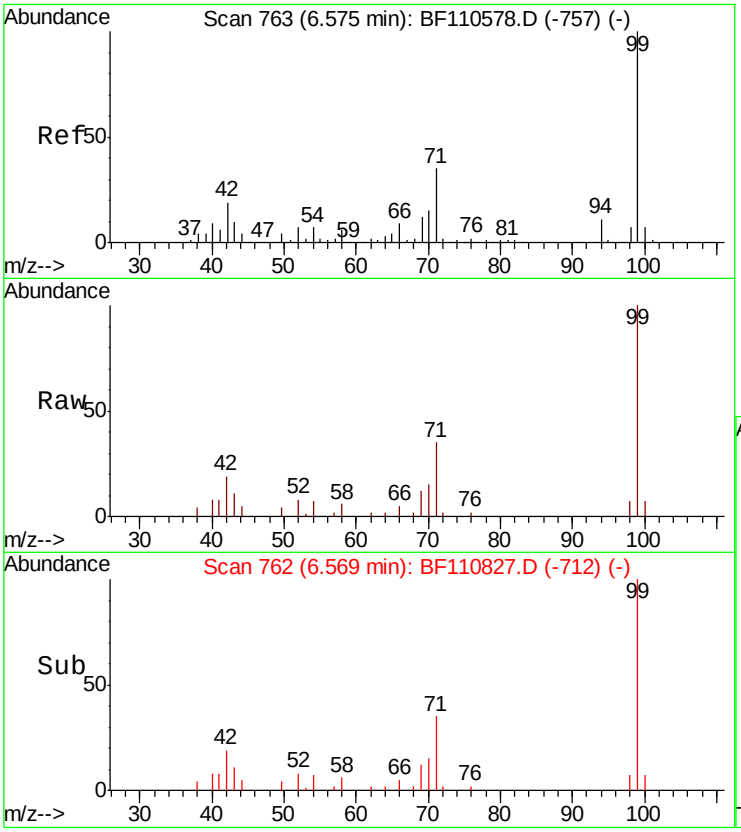


#5
2-Fluorophenol
Concen: 4.988 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF110827.D
Acq: 16 Nov 2018 20:01

Tgt Ion:112 Resp: 33194

Ion	Ratio	Lower	Upper
112	100		
64	61.2	44.1	66.1
63	30.8	23.7	35.5



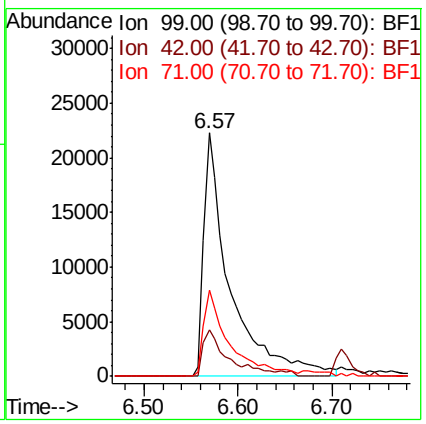


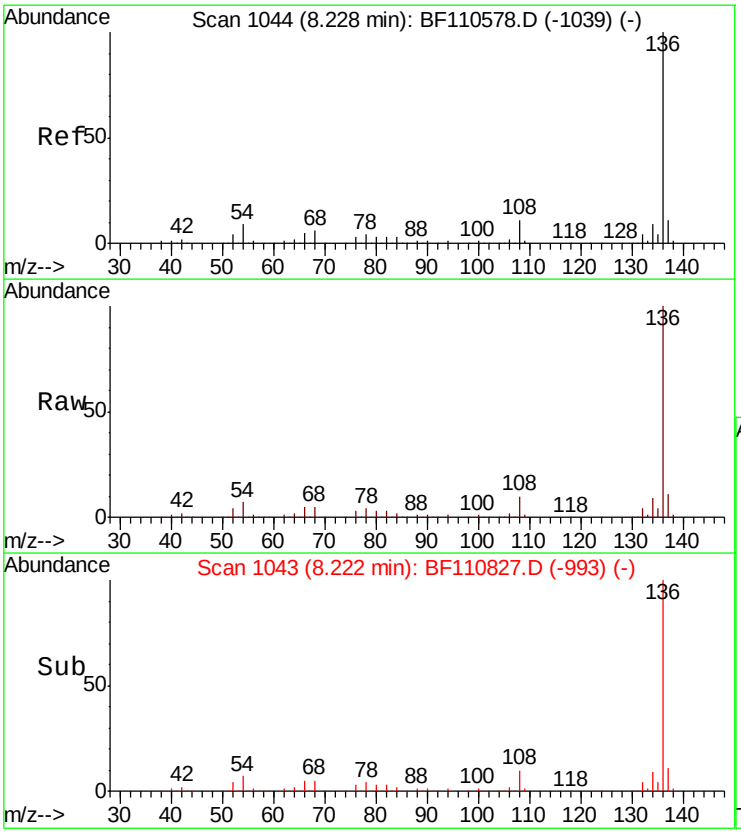
#7
Phenol-d6
Concen: 5.159 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF110827.D
Acq: 16 Nov 2018 20:01

Instrument :
BNA_F
ClientSampleId :
FDSB-02(21-23)

Tgt Ion: 99 Resp: 43909

Ion	Ratio	Lower	Upper
99	100		
42	19.3	15.8	23.6
71	35.4	28.0	42.0

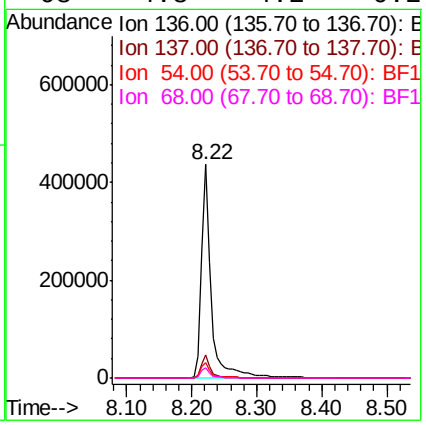


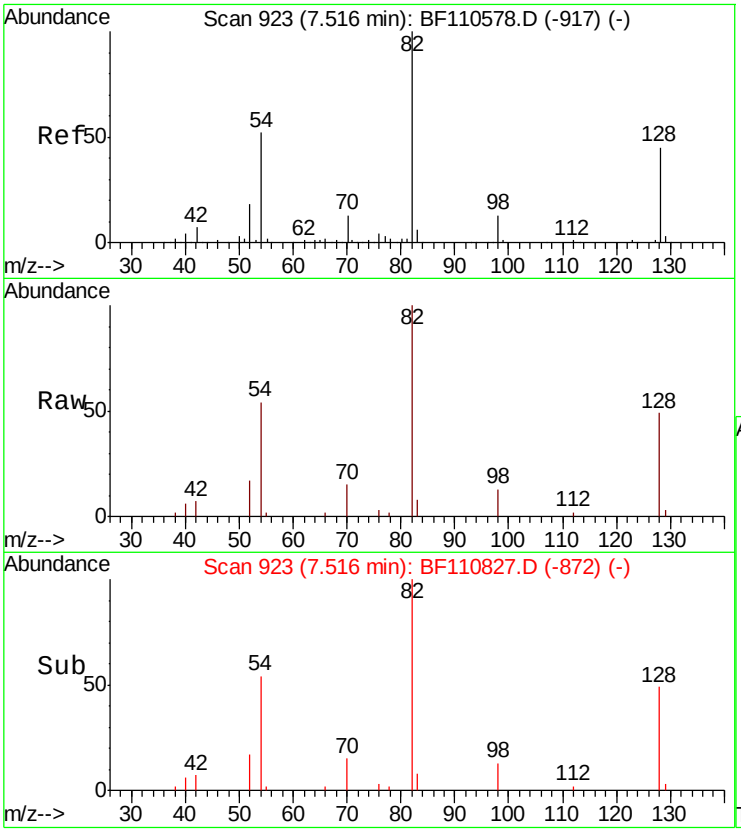


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110827.D
Acq: 16 Nov 2018 20:01

Tgt Ion:136 Resp: 459242

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.5	5.4	8.2
68	4.8	4.2	6.2



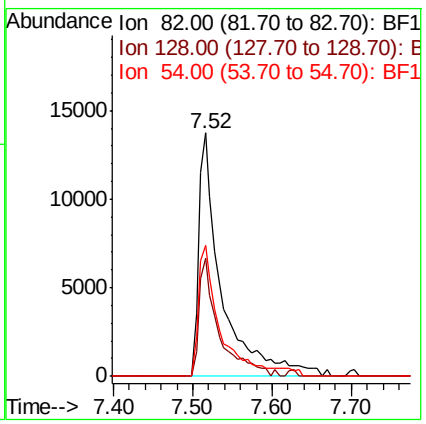


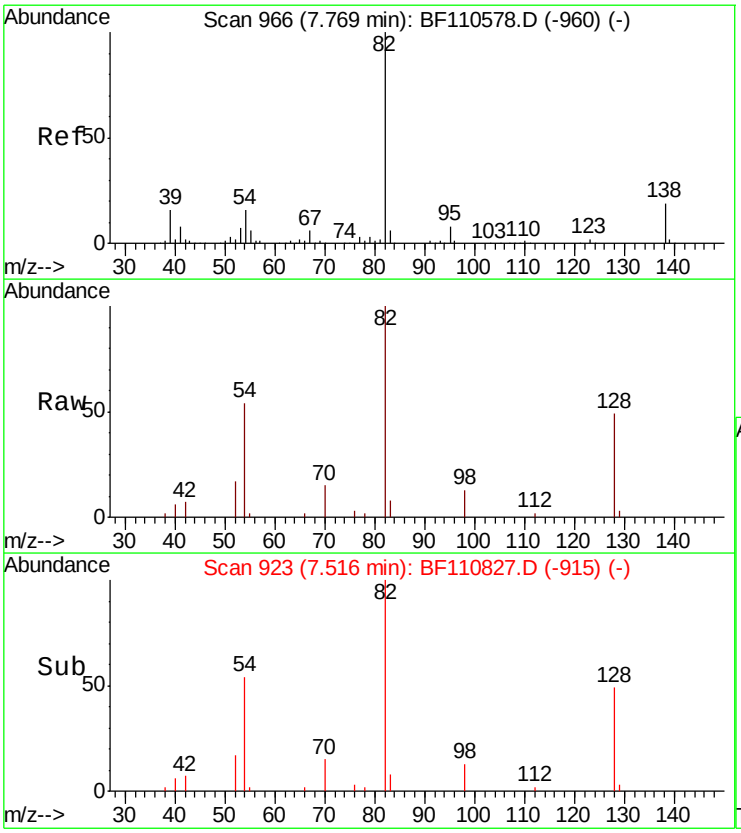
#23
Nitrobenzene-d5
Concen: 3.482 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF110827.D
Acq: 16 Nov 2018 20:01

Instrument :
BNA_F
ClientSampleId :
FDSB-02(21-23)

Tgt Ion: 82 Resp: 27763

Ion	Ratio	Lower	Upper
82	100		
128	48.6	34.2	51.2
54	53.6	38.6	58.0

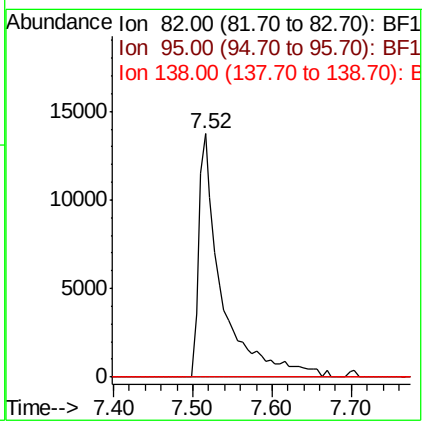


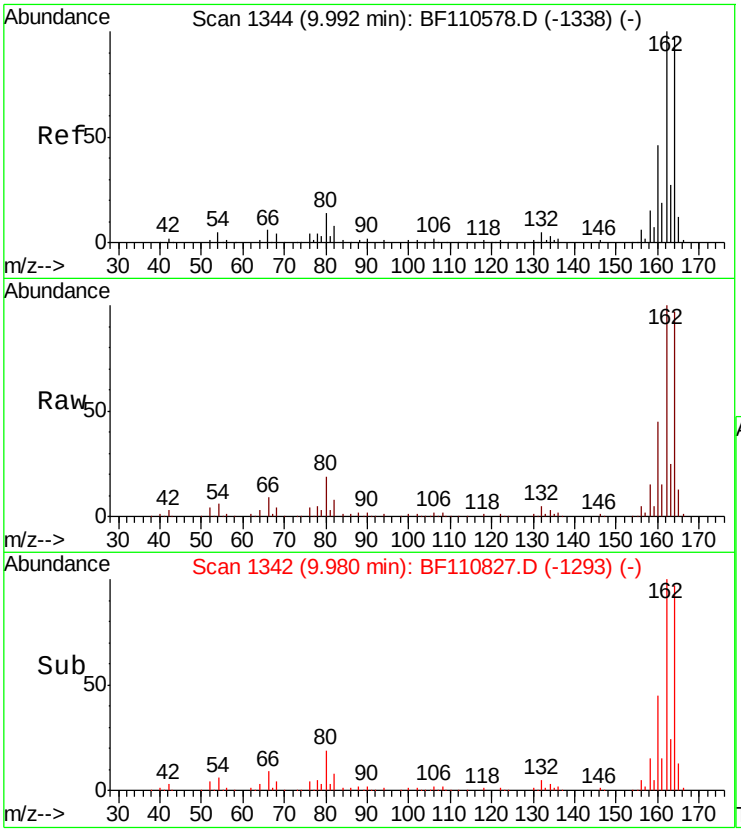


#25
Isophorone
Concen: 2.124 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.25 min
Lab File: BF110827.D
Acq: 16 Nov 2018 20:01

Tgt Ion: 82 Resp: 27763

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



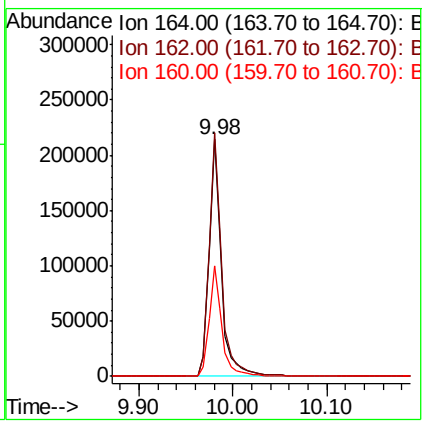


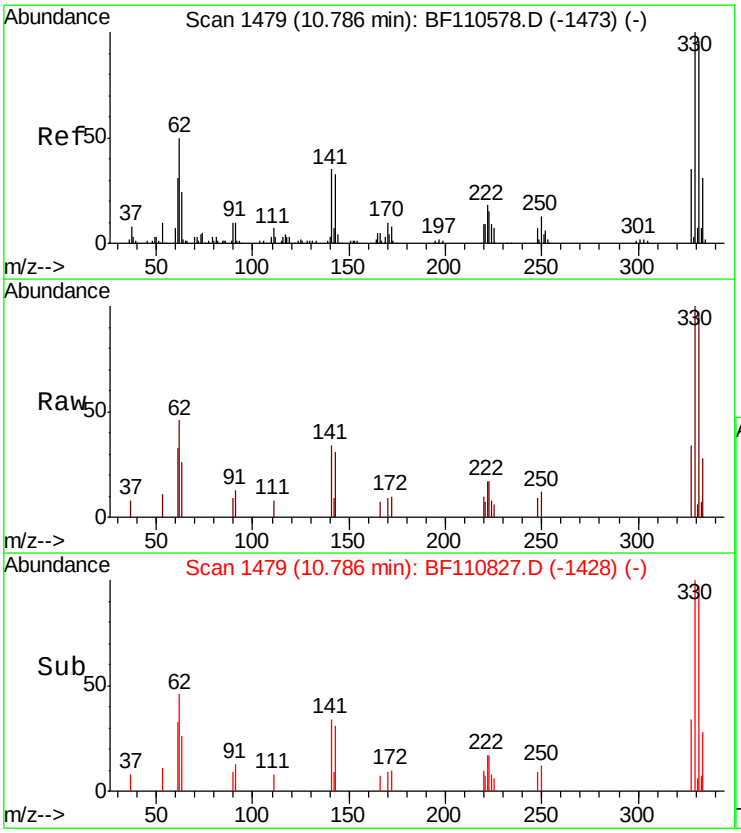
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF110827.D
Acq: 16 Nov 2018 20:01

Instrument :
BNA_F
ClientSampleId :
FDSB-02(21-23)

Tgt Ion:164 Resp: 203082

Ion	Ratio	Lower	Upper
164	100		
162	102.9	83.0	124.6
160	46.5	37.0	55.6

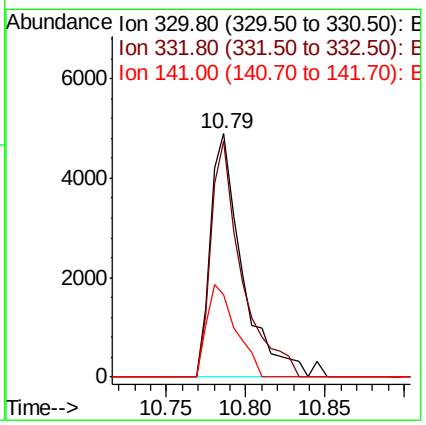


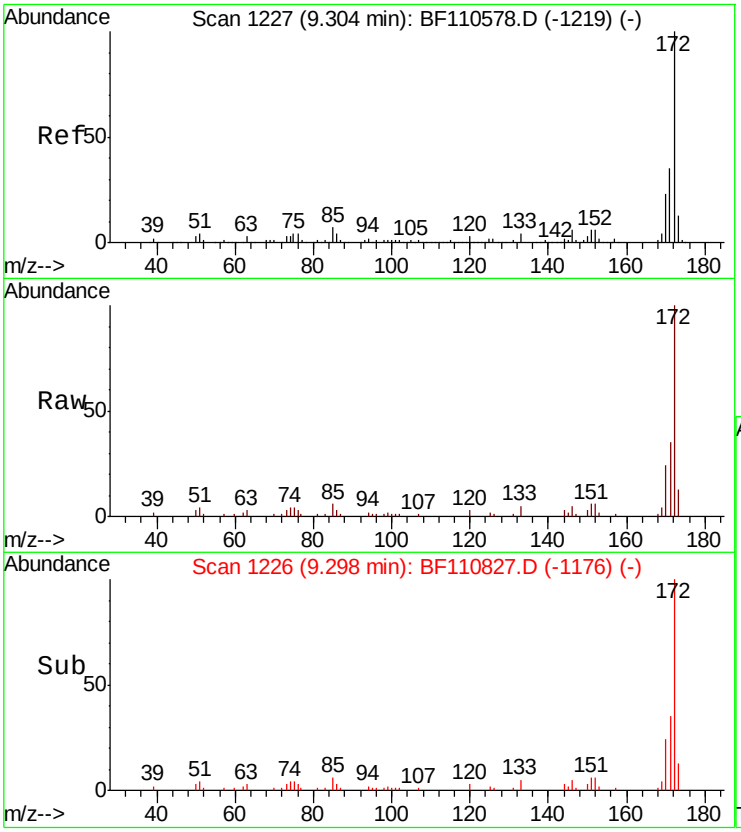


#42
2,4,6-Tribromophenol
Concen: 3.397 ng
RT: 10.79 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BF110827.D
Acq: 16 Nov 2018 20:01

Tgt Ion:330 Resp: 6952

Ion	Ratio	Lower	Upper
330	100		
332	92.3	77.1	115.7
141	34.4	27.0	40.4



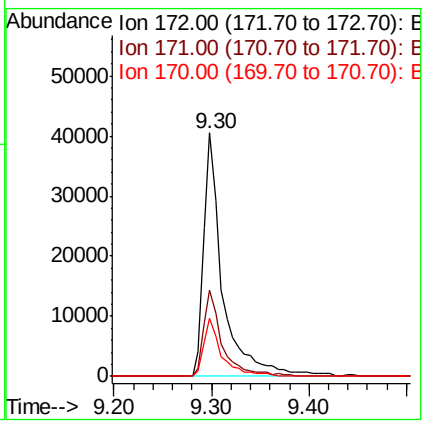


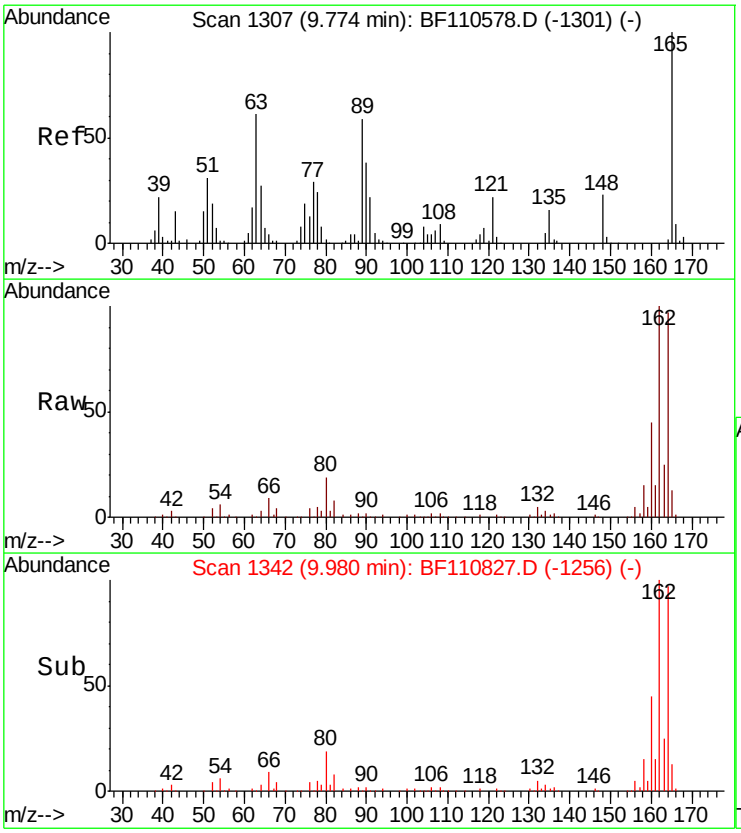
#45
2-Fluorobiphenyl
Concen: 3.861 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110827.D
Acq: 16 Nov 2018 20:01

Instrument :
BNA_F
ClientSampleId :
FDSB-02(21-23)

Tgt Ion:172 Resp: 54900

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	43.0
170	23.7	19.7	29.5

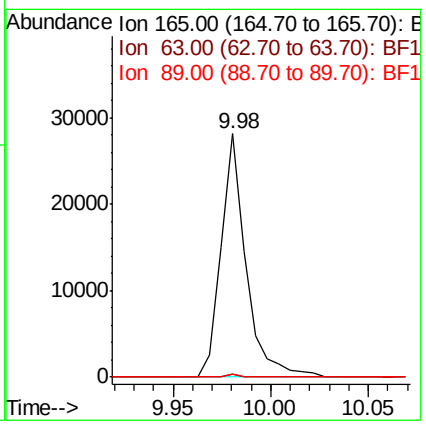


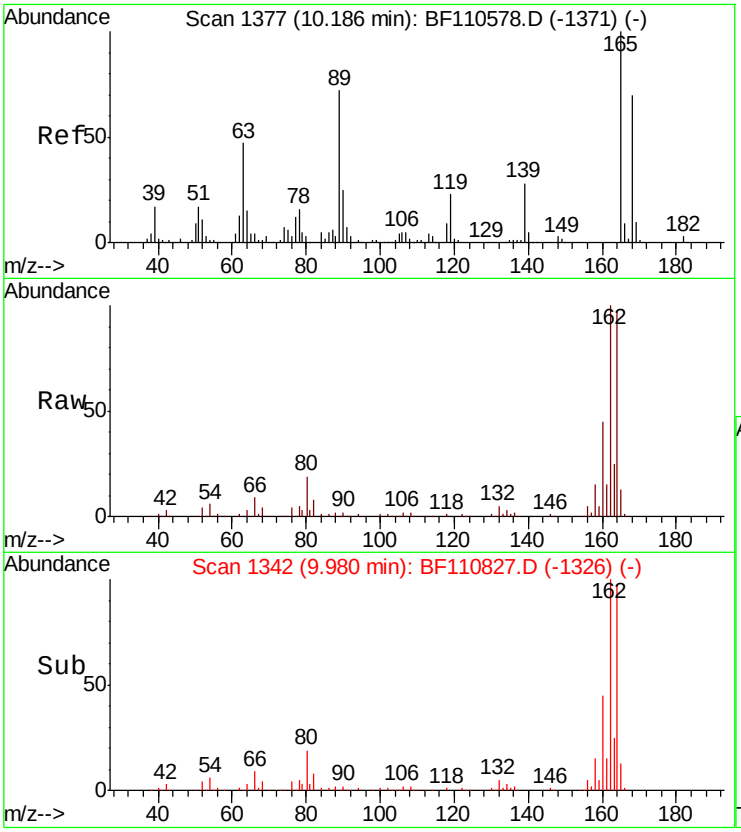


#51
2,6-Dinitrotoluene
Concen: 7.487 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.21 min
Lab File: BF110827.D
Acq: 16 Nov 2018 20:01

Tgt Ion:165 Resp: 24958

Ion	Ratio	Lower	Upper
165	100		
63	1.4	48.9	73.3#
89	1.1	46.6	69.8#



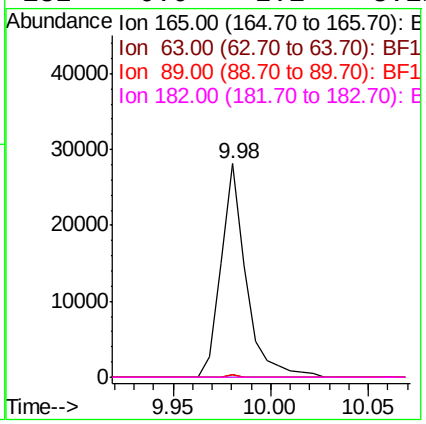


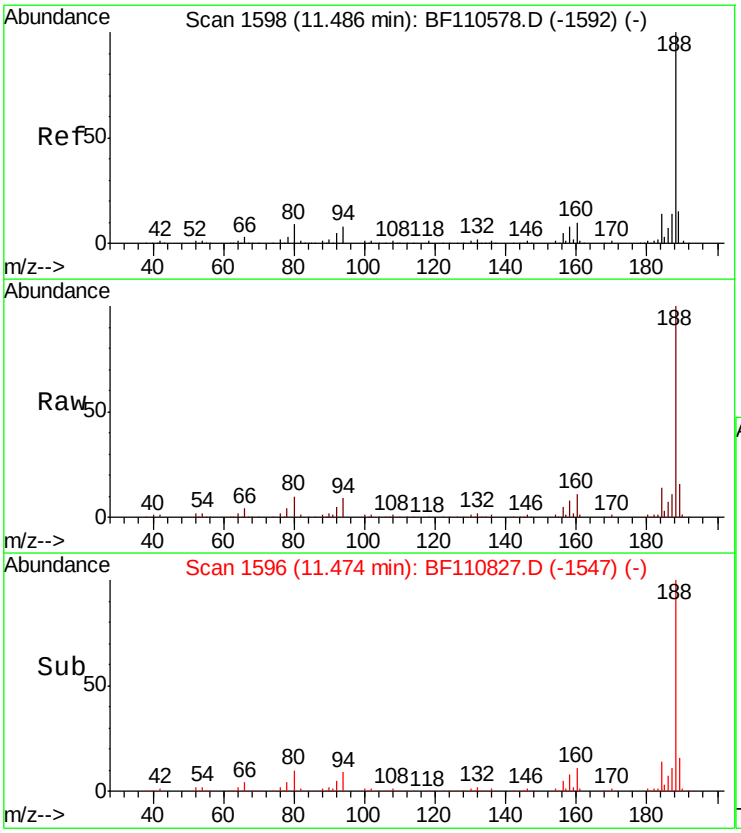
#57
2,4-Dinitrotoluene
Concen: 5.758 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.21 min
Lab File: BF110827.D
Acq: 16 Nov 2018 20:01

Instrument :
BNA_F
ClientSampleId :
FDSB-02(21-23)

Tgt Ion:165 Resp: 24958

Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.8	67.2#
89	1.1	62.2	93.4#
182	0.0	2.1	3.1#

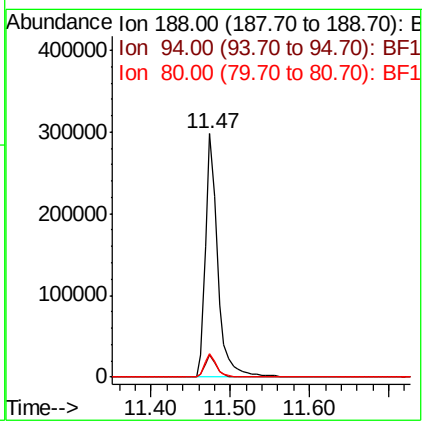


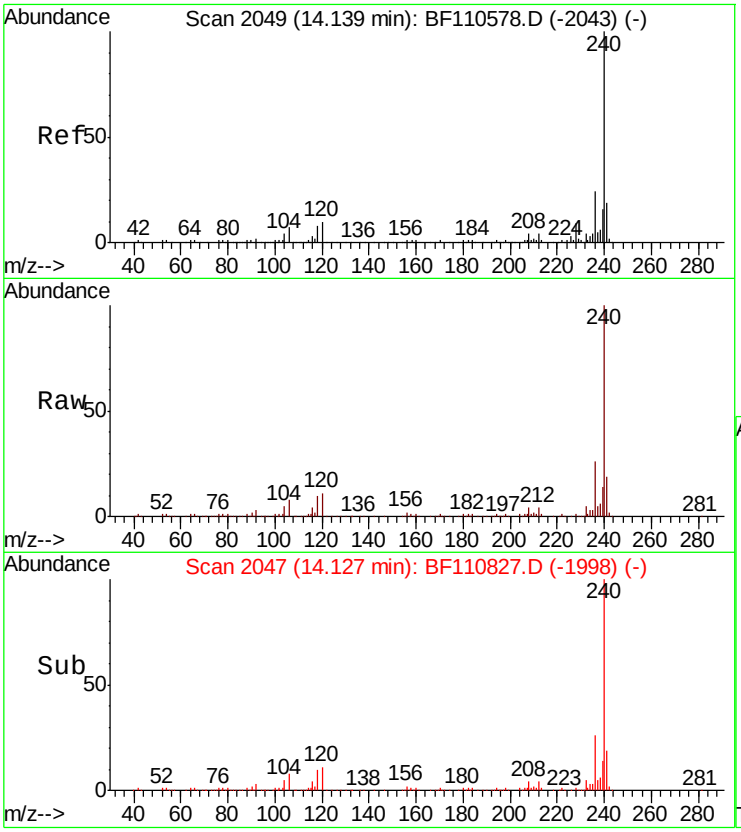


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.01 min
Lab File: BF110827.D
Acq: 16 Nov 2018 20:01

Tgt Ion:188 Resp: 324102

Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.2	10.8
80	9.6	7.9	11.9



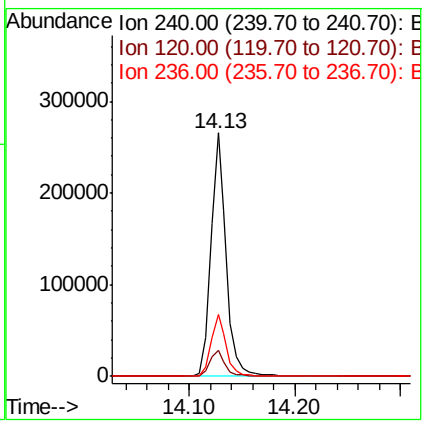


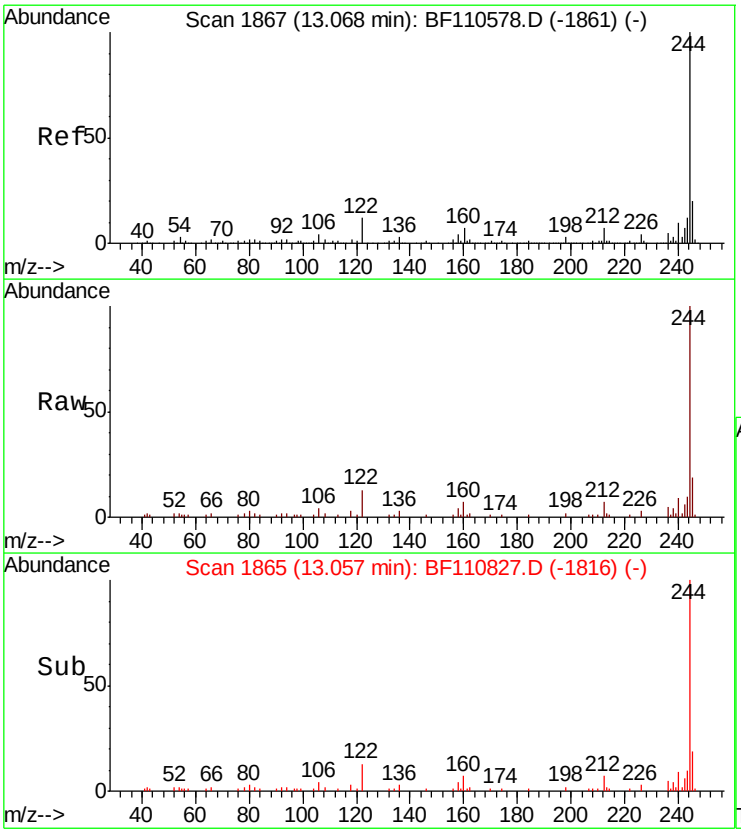
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110827.D
Acq: 16 Nov 2018 20:01

Instrument :
BNA_F
ClientSampleId :
FDSB-02(21-23)

Tgt Ion:240 Resp: 270267

Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.3	12.5
236	25.7	21.2	31.8

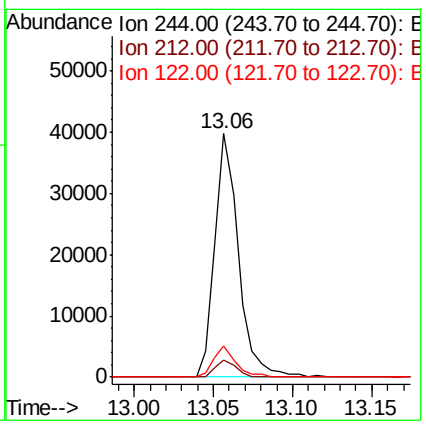


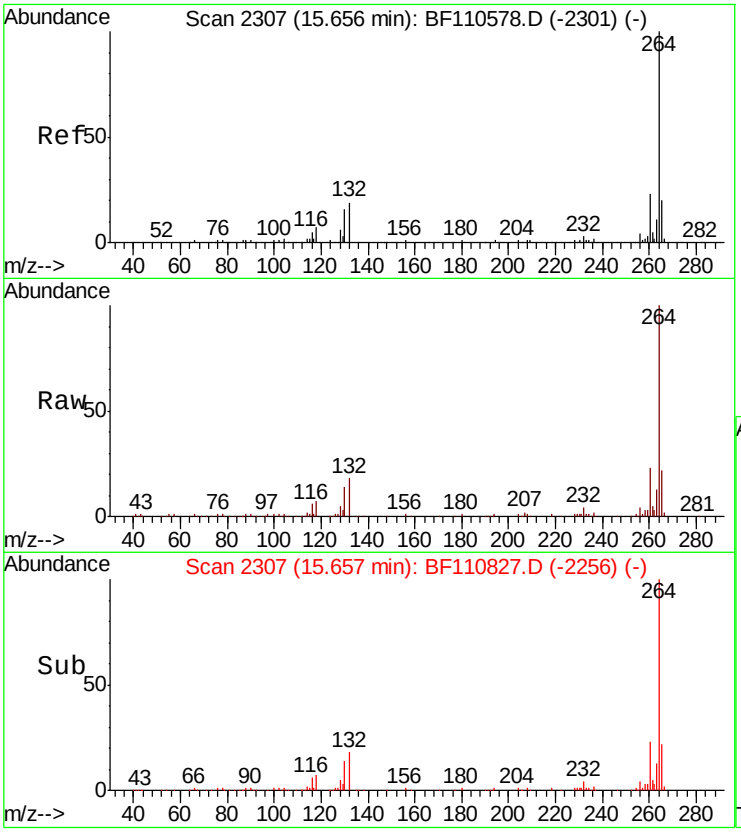


#79
Terphenyl-d14
Concen: 2.857 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BF110827.D
Acq: 16 Nov 2018 20:01

Tgt Ion:244 Resp: 41233

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	12.8	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: BF110827.D
Acq: 16 Nov 2018 20:01

Instrument :
BNA_F
ClientSampleId :
FDSB-02(21-23)

Tgt Ion:264 Resp: 203673

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	22.1	16.7	25.1