Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111418\
Data File : BF110775.D
Acq On : 14 Nov 2018 20:11
Operator : JU/SJ
Sample : J5918-05 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FDSB-12(10-12)

Quant Time: Nov 15 05:54:46 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	62056	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	227328	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	113838	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	217780	20.00	ng	0.00
76) Chrysene-d12	14.13	240	157919	20.00	ng	-0.01
87) Perylene-d12	15.66	264	147584	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	50032	13.10	ng	0.00
7) Phenol-d6	6.57	99	78374	16.04	ng	0.00
23) Nitrobenzene-d5	7.51	82	85789	21.73	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	13578	11.84	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	79862	10.02	ng	0.00
79) Terphenyl-d14	13.06	244	71492	8.48	ng	-0.01
Target Compounds						Qvalue
38) 1-Methylnaphthalene	9.06	142	705247	104.822	ng	# 100
58) Fluorene	10.55	166	61170	7.817	ng	# 74
71) Phenanthrene	11.50	178	36168	3.100	ng	# 95

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

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FDSB-12(10-12)

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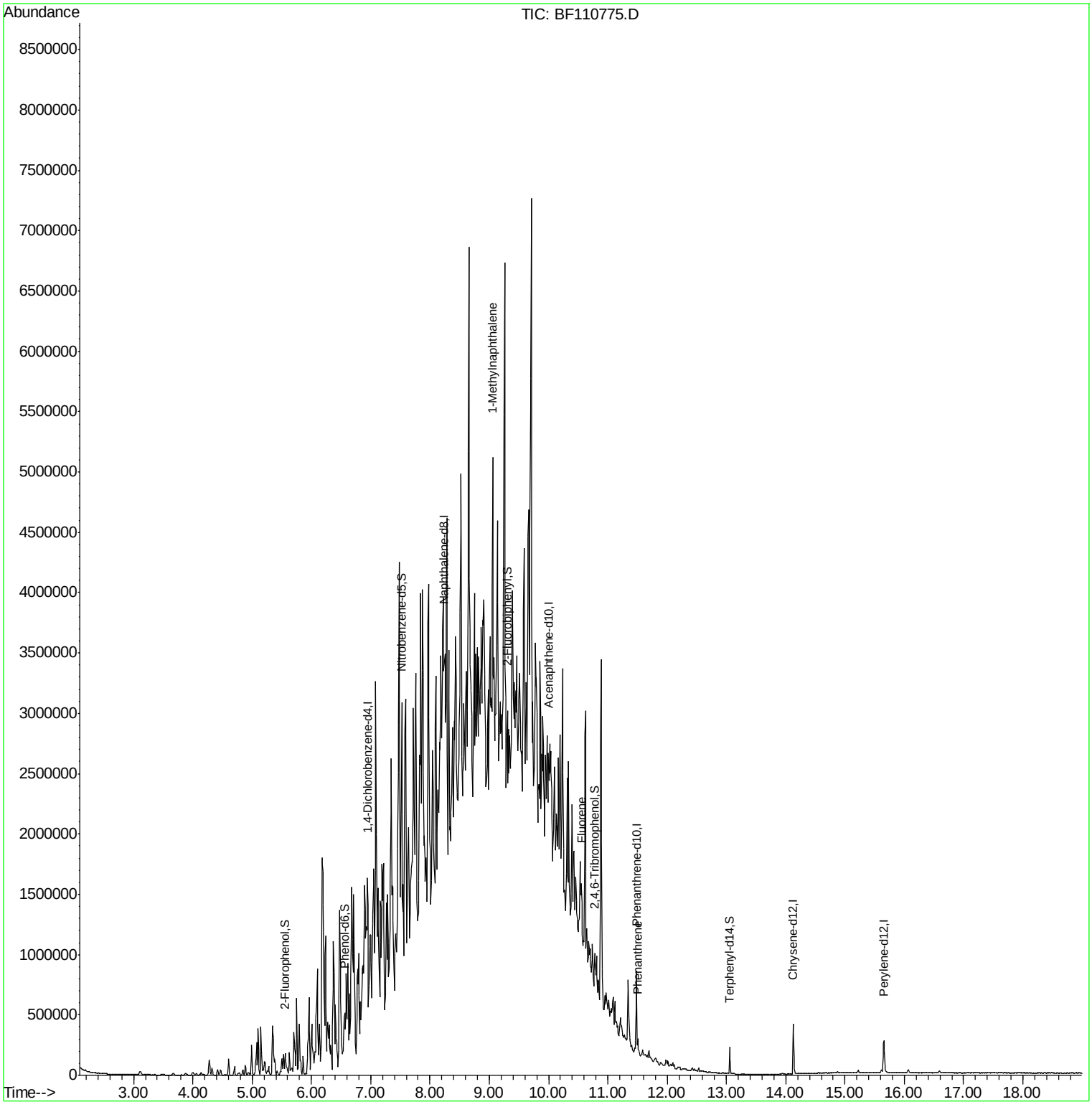
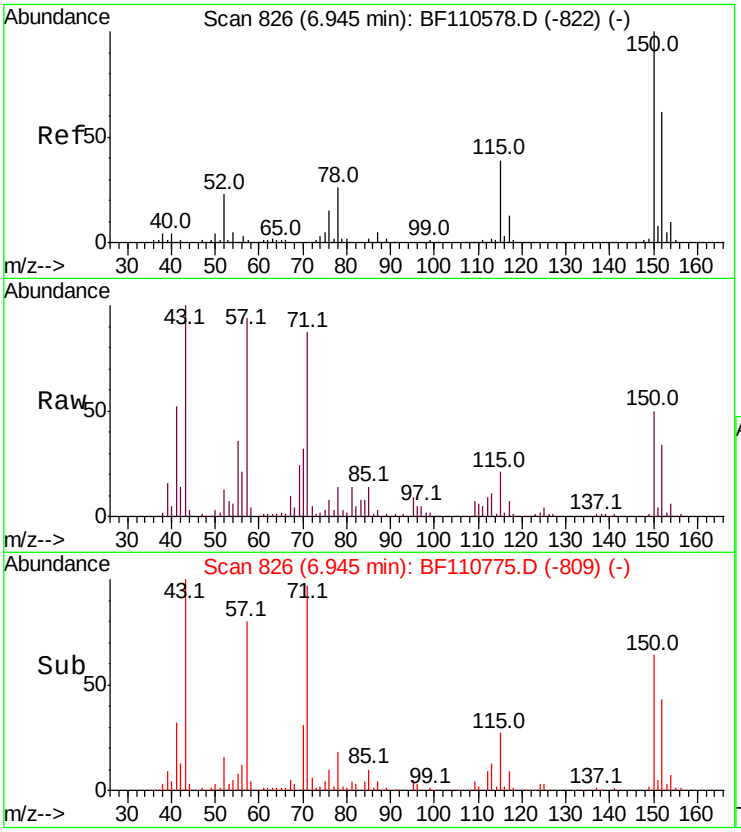


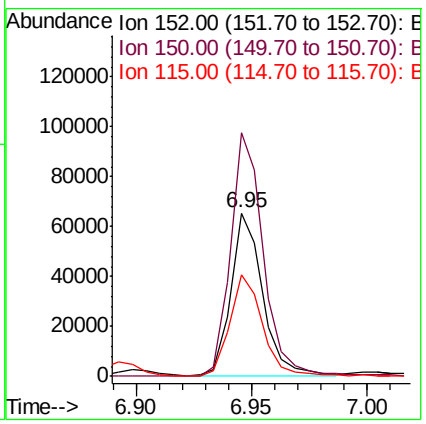


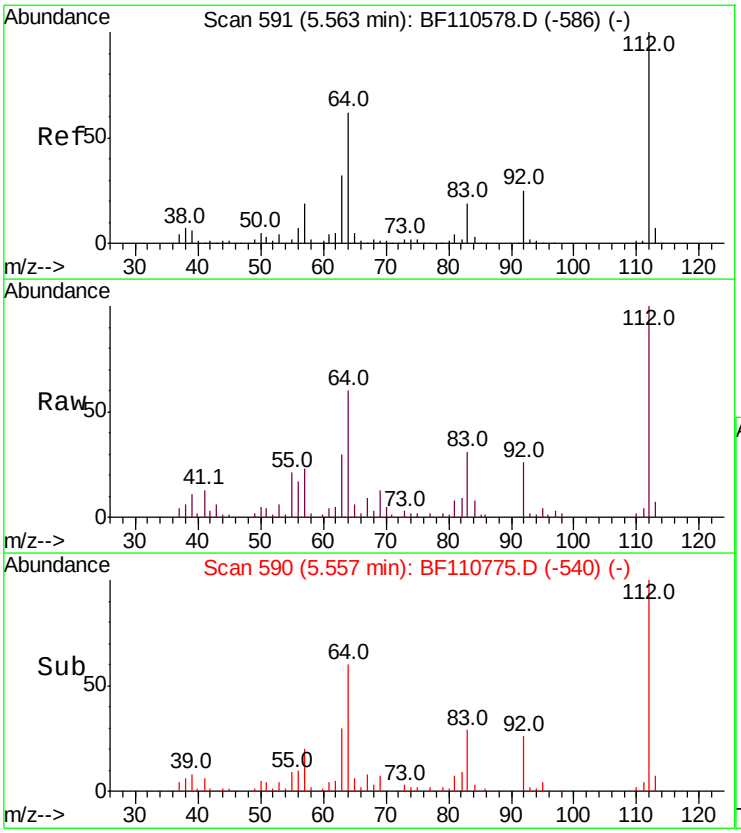
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110775.D
Acq: 14 Nov 2018 20:11

Instrument :
BNA_F
ClientSampleId :
FDSB-12(10-12)

Tgt Ion:152 Resp: 62056

Ion	Ratio	Lower	Upper
152	100		
150	149.3	122.7	184.1
115	62.4	49.1	73.7

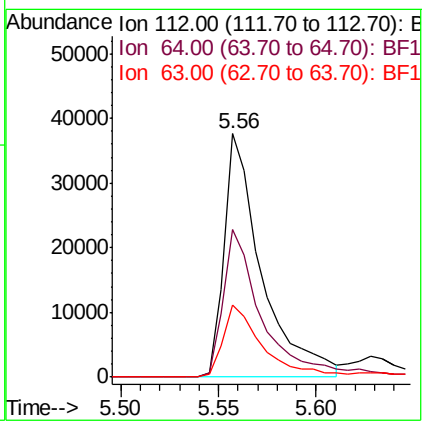


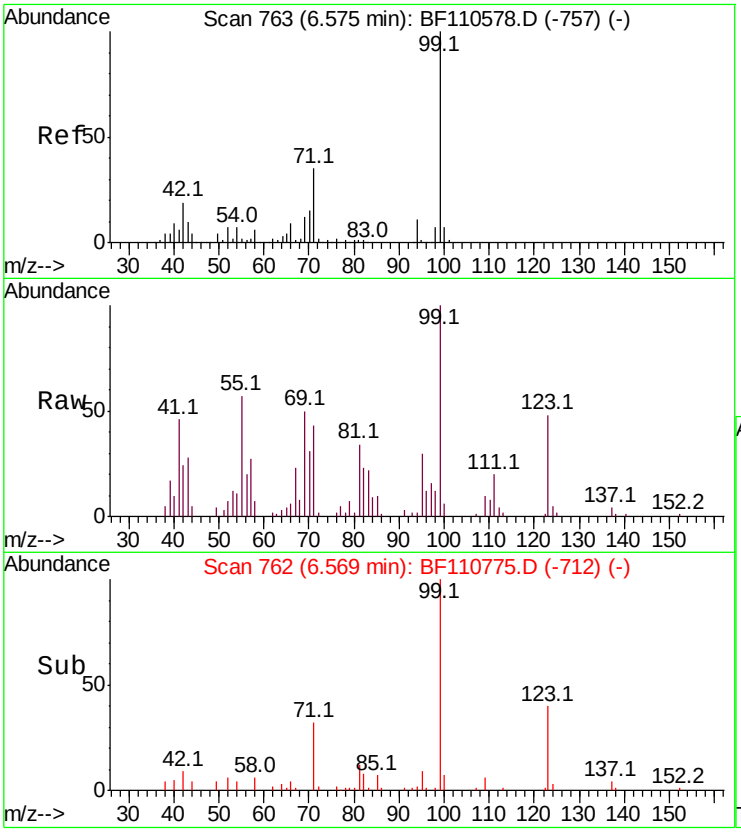


#5
2-Fluorophenol
Concen: 13.096 ng
RT: 5.56 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF110775.D
Acq: 14 Nov 2018 20:11

Tgt Ion:112 Resp: 50032

Ion	Ratio	Lower	Upper
112	100		
64	60.5	44.1	66.1
63	29.6	23.7	35.5



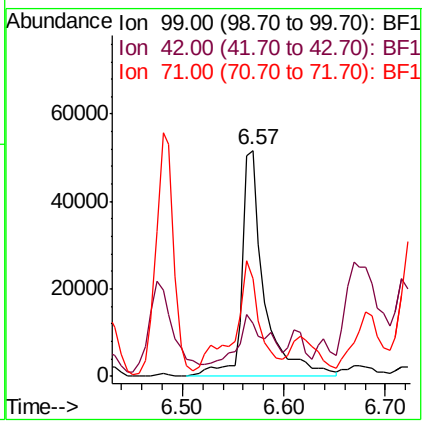


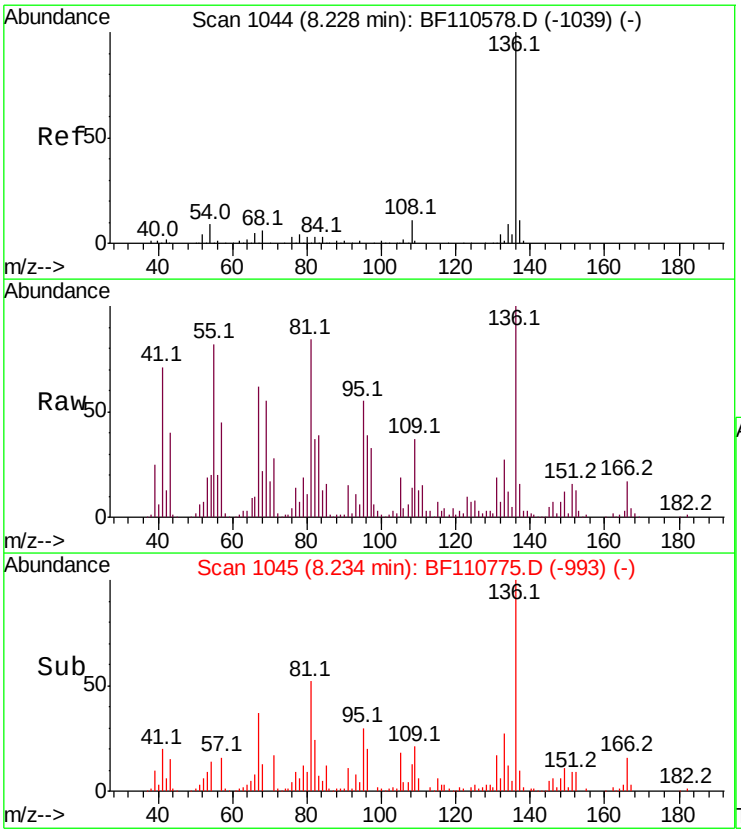
#7
Phenol-d6
Concen: 16.042 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF110775.D
Acq: 14 Nov 2018 20:11

Instrument :
BNA_F
ClientSampleId :
FDSB-12(10-12)

Tgt Ion: 99 Resp: 78374

Ion	Ratio	Lower	Upper
99	100		
42	23.5	15.8	23.6
71	43.4	28.0	42.0#

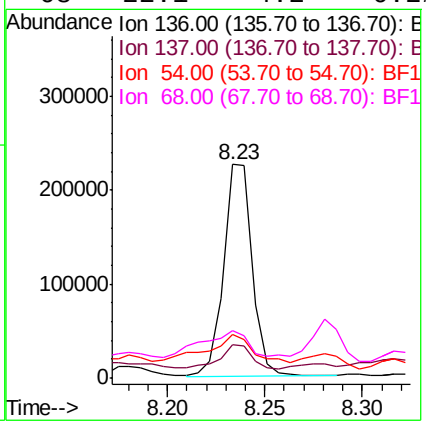


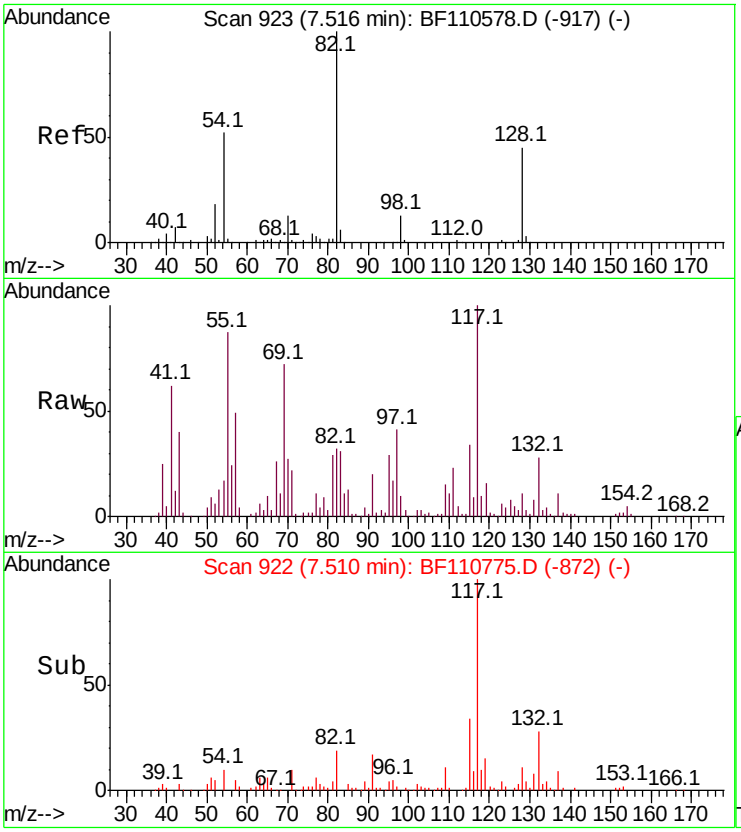


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.01 min
Lab File: BF110775.D
Acq: 14 Nov 2018 20:11

Tgt Ion:136 Resp: 227328

Ion	Ratio	Lower	Upper
136	100		
137	15.6	8.8	13.2#
54	20.2	5.4	8.2#
68	22.1	4.2	6.2#



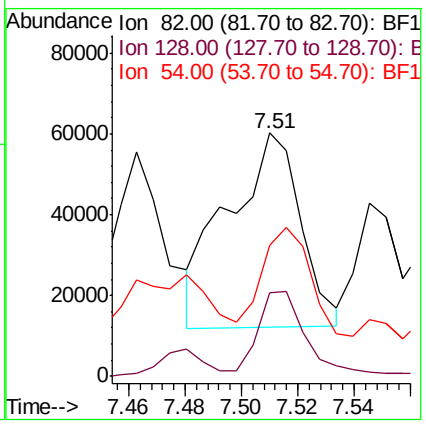


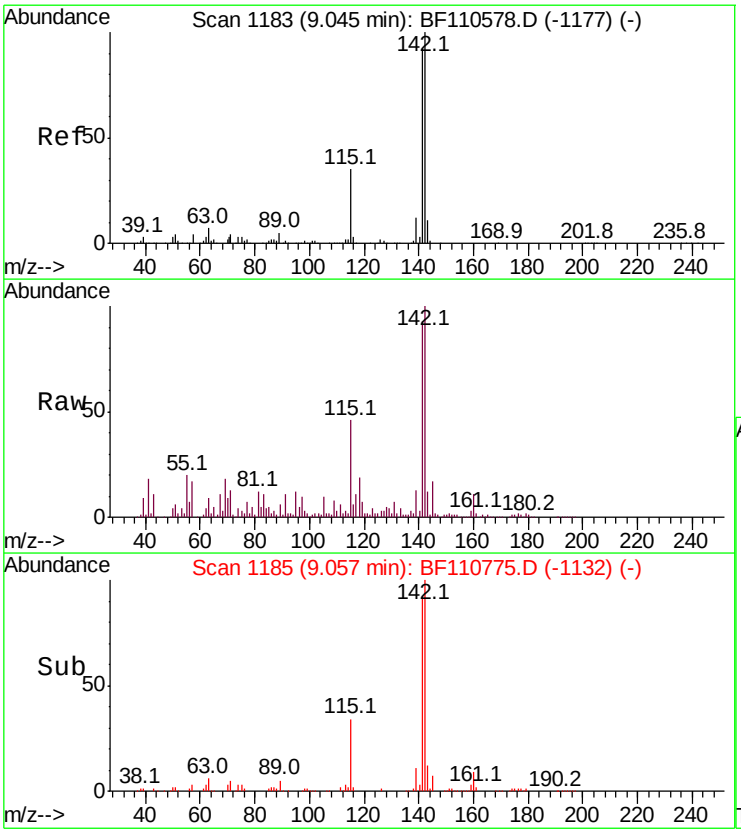
#23
Nitrobenzene-d5
Concen: 21.733 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110775.D
Acq: 14 Nov 2018 20:11

Instrument :
BNA_F
ClientSampleId :
FDSB-12(10-12)

Tgt Ion: 82 Resp: 85789

Ion	Ratio	Lower	Upper
82	100		
128	34.3	34.2	51.2
54	53.8	38.6	58.0

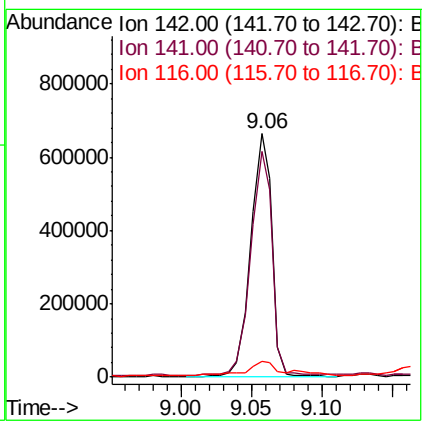


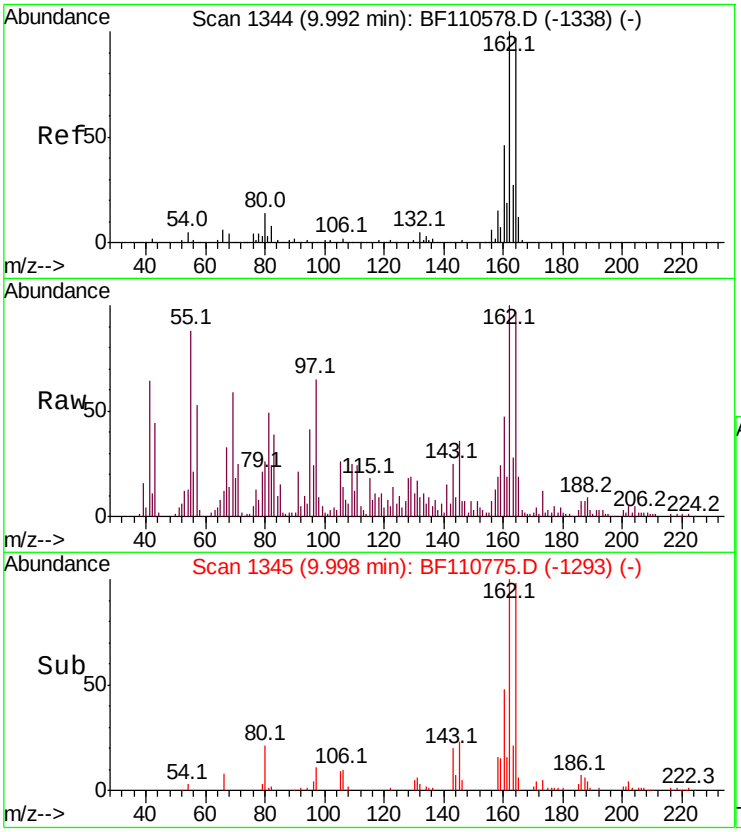


#38
1-Methylnaphthalene
Concen: 104.822 ng
RT: 9.06 min Scan# 1185
Delta R.T. 0.01 min
Lab File: BF110775.D
Acq: 14 Nov 2018 20:11

Tgt Ion:142 Resp: 705247

Ion	Ratio	Lower	Upper
142	100		
141	92.8	74.2	111.4
116	6.4	2.6	4.0#



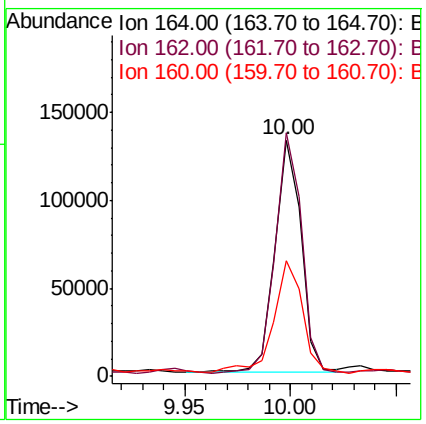


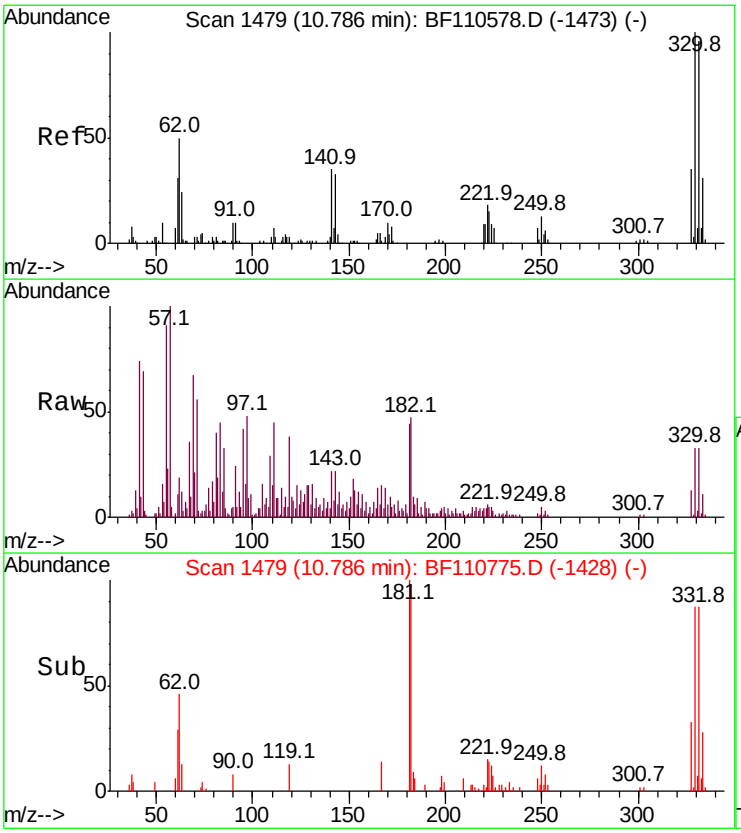
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BF110775.D
Acq: 14 Nov 2018 20:11

Instrument :
BNA_F
ClientSampleId :
FDSB-12(10-12)

Tgt Ion:164 Resp: 113838

Ion	Ratio	Lower	Upper
164	100		
162	103.1	83.0	124.6
160	48.8	37.0	55.6

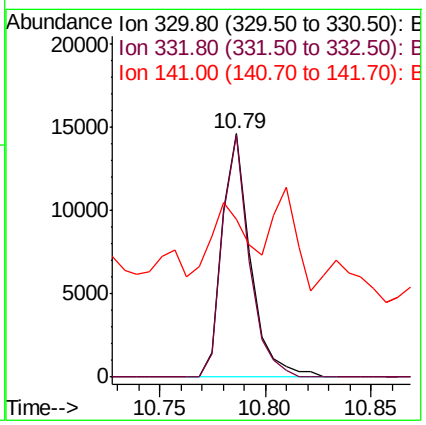


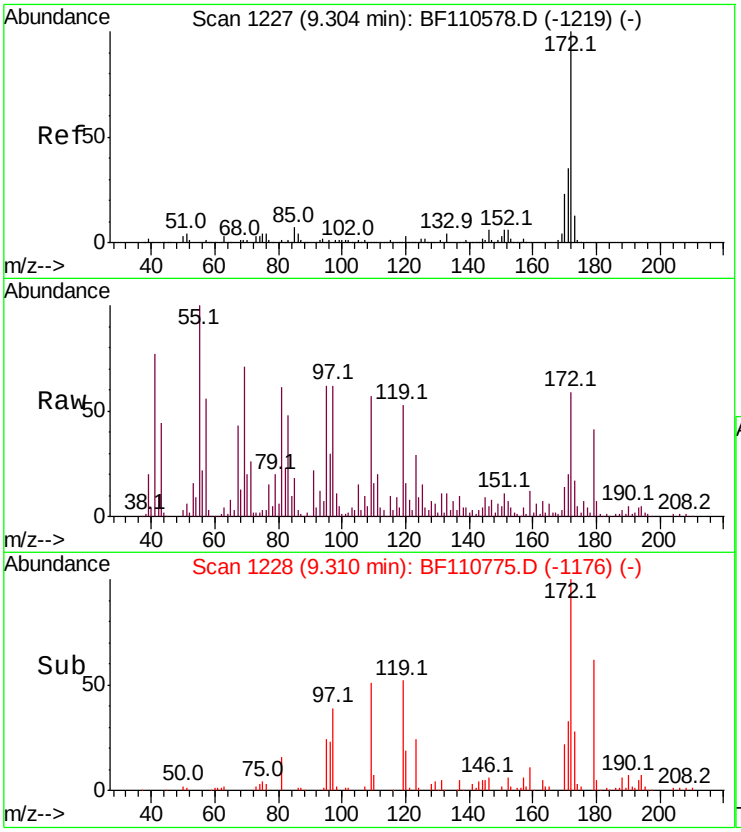


#42
2,4,6-Tribromophenol
Concen: 11.837 ng
RT: 10.79 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BF110775.D
Acq: 14 Nov 2018 20:11

Tgt Ion:330 Resp: 13578

Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.1	115.7
141	37.2	27.0	40.4



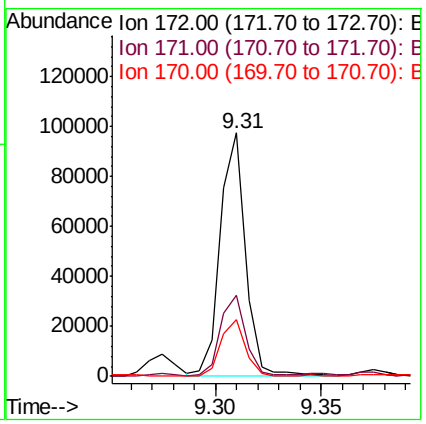


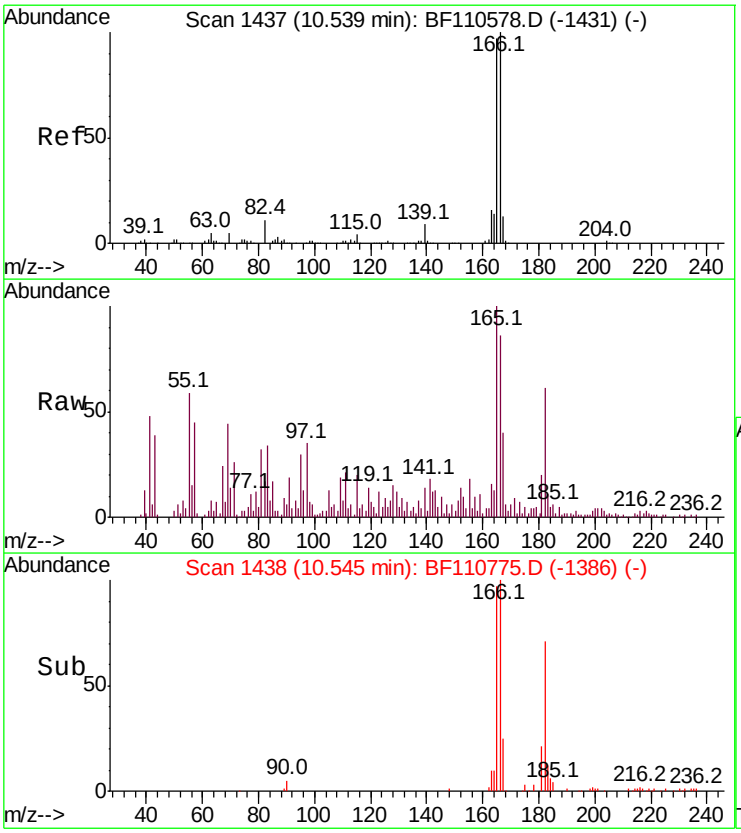
#45
2-Fluorobiphenyl
Concen: 10.019 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.01 min
Lab File: BF110775.D
Acq: 14 Nov 2018 20:11

Instrument :
BNA_F
ClientSampleId :
FDSB-12(10-12)

Tgt Ion:172 Resp: 79862

Ion	Ratio	Lower	Upper
172	100		
171	33.3	28.6	43.0
170	23.2	19.7	29.5

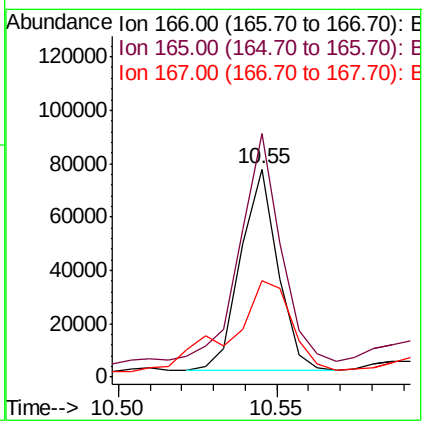


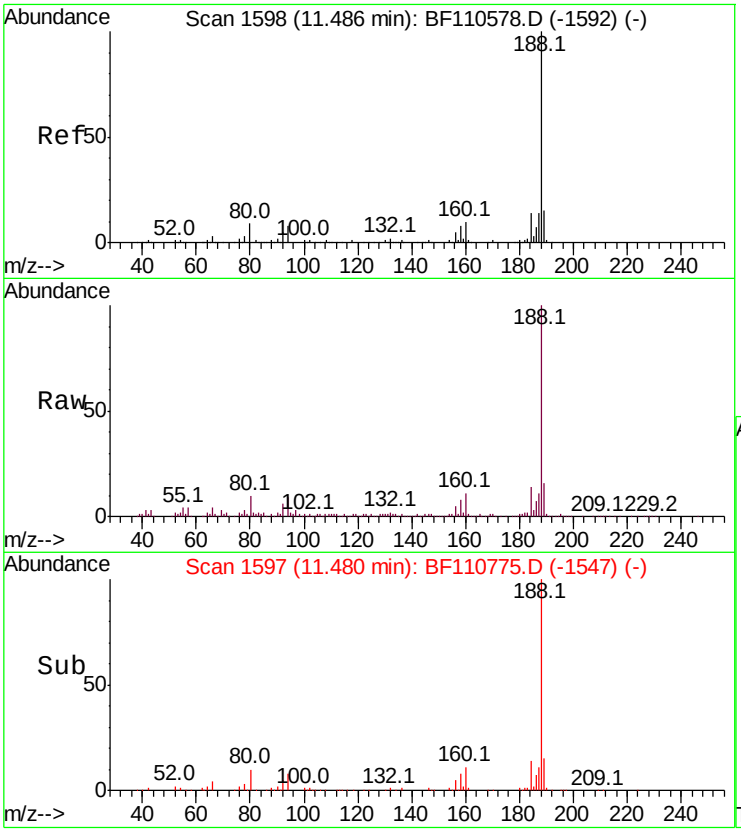


#58
Fluorene
Concen: 7.817 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.01 min
Lab File: BF110775.D
Acq: 14 Nov 2018 20:11

Tgt Ion:166 Resp: 61170

Ion	Ratio	Lower	Upper
166	100		
165	116.8	78.6	117.8
167	46.2	10.8	16.2#



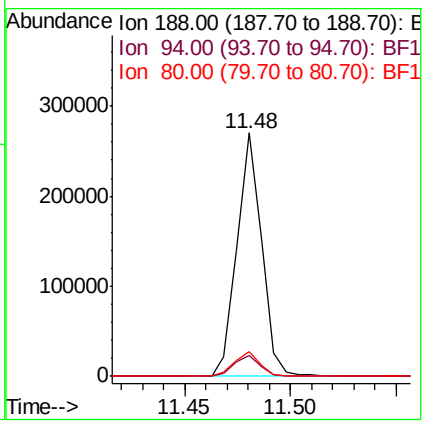


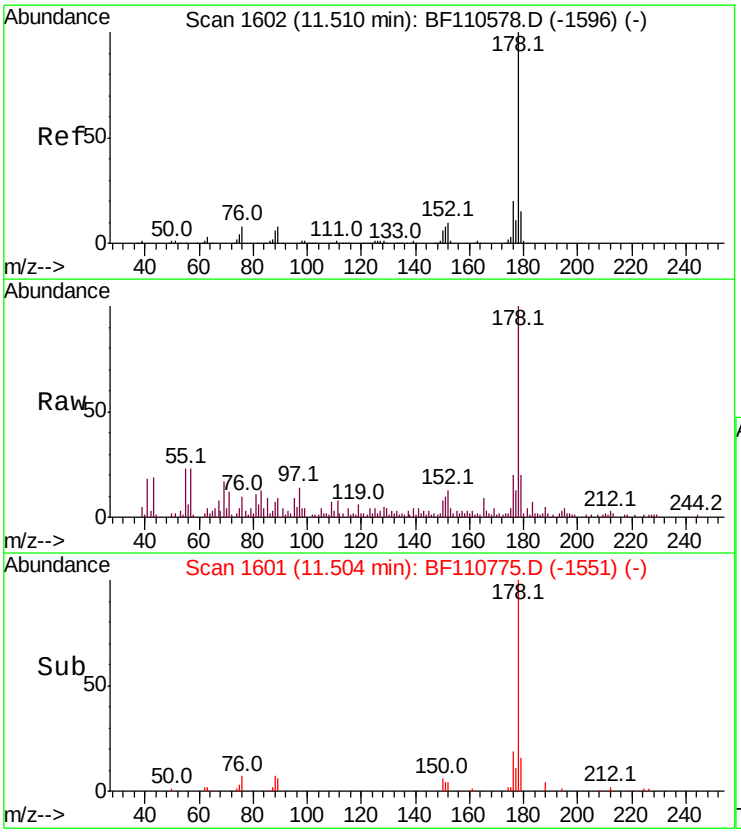
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110775.D
Acq: 14 Nov 2018 20:11

Instrument :
BNA_F
ClientSampleId :
FDSB-12(10-12)

Tgt Ion:188 Resp: 217780

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.2	10.8
80	9.9	7.9	11.9

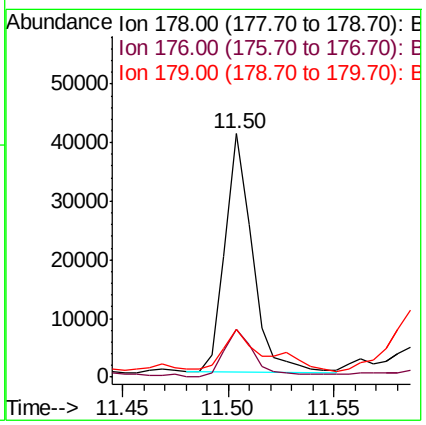


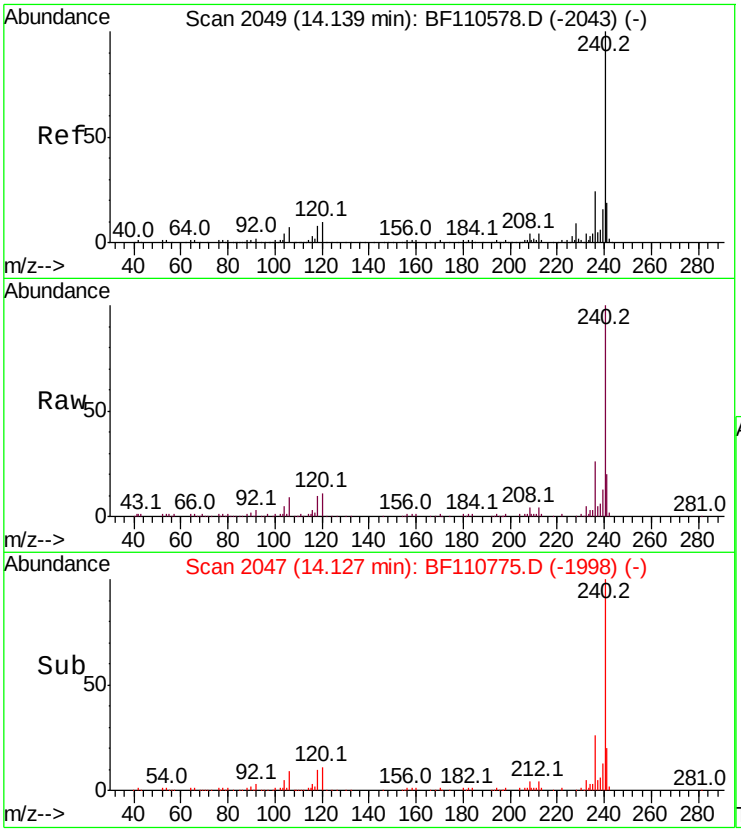


#71
Phenanthrene
Concen: 3.100 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110775.D
Acq: 14 Nov 2018 20:11

Tgt Ion:178 Resp: 36168

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.5	23.3
179	19.5	12.5	18.7#



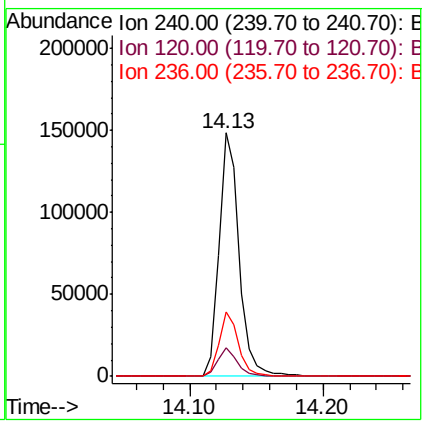


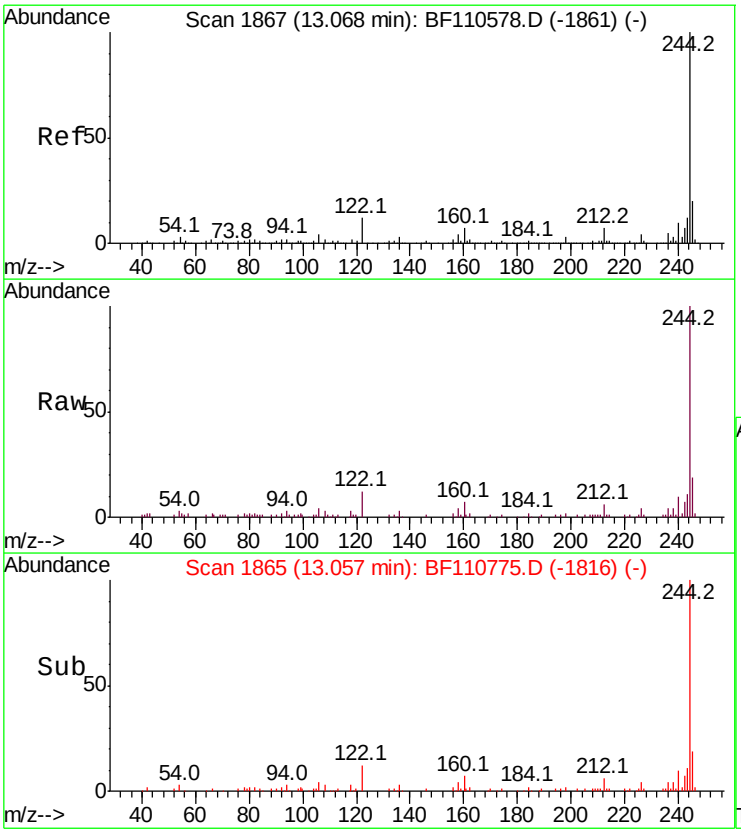
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110775.D
Acq: 14 Nov 2018 20:11

Instrument :
BNA_F
ClientSampleId :
FDSB-12(10-12)

Tgt Ion:240 Resp: 157919

Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.3	12.5
236	26.4	21.2	31.8

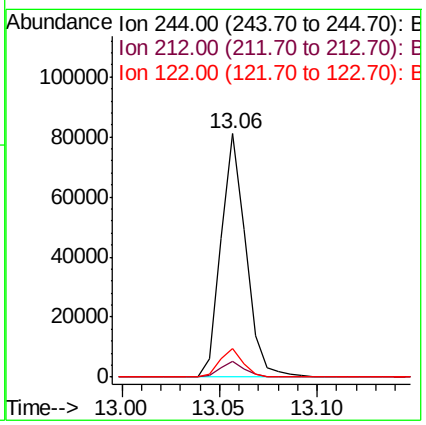


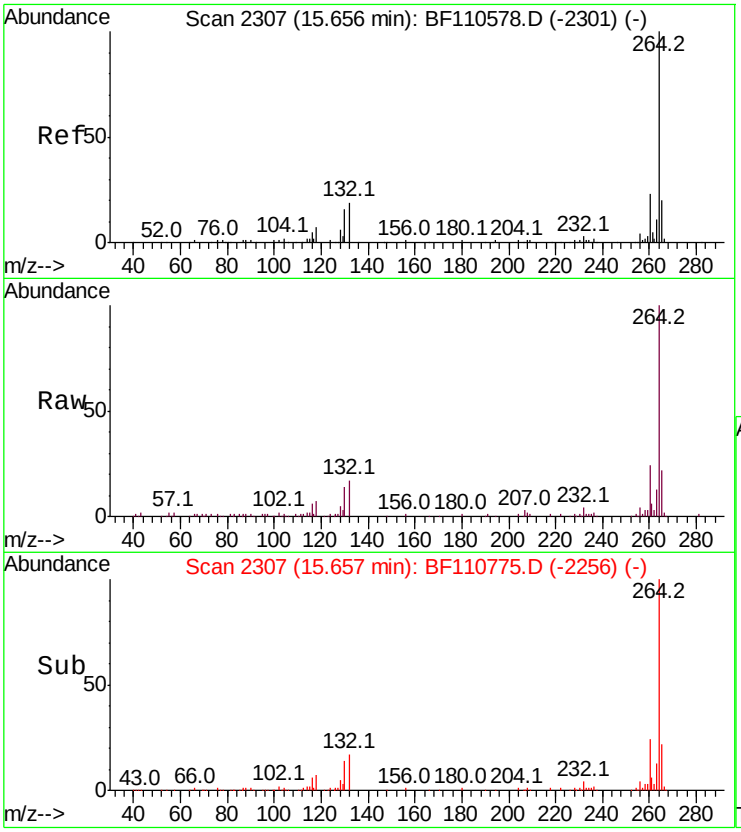


#79
Terphenyl-d14
Concen: 8.478 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BF110775.D
Acq: 14 Nov 2018 20:11

Tgt Ion:244 Resp: 71492

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.8	8.8
122	11.9	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: BF110775.D
Acq: 14 Nov 2018 20:11

Instrument :
BNA_F
ClientSampleId :
FDSB-12(10-12)

Tgt Ion:264 Resp: 147584

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	22.0	16.7	25.1