Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
Data File : BF110482.D
Acq On : 5 Nov 2018 23:58
Operator : JU/SJ
Sample : J5690-04DL2 40X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-202DL2

Quant Time: Nov 06 05:02:08 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	83955	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	352457	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	149646	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	229083	20.00	ng	0.00
76) Chrysene-d12	14.14	240	166897	20.00	ng	0.00
87) Perylene-d12	15.66	264	128253	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	1393	0.27	ng	0.01
7) Phenol-d6	6.60	99	1873	0.28	ng	0.02
23) Nitrobenzene-d5	7.52	82	4370	0.74	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	774	0.52	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	9746	1.02	ng	0.00
79) Terphenyl-d14	13.07	244	5400	0.67	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.26	128	378117	23.277	ng	99
37) 2-Methylnaphthalene	8.95	142	570966	53.124	ng	99
38) 1-Methylnaphthalene	9.05	142	378925	36.483	ng	98

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

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Instrument :
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ClientSampleId :
MW-202DL2

Quant Time: Nov 06 05:02:08 2018
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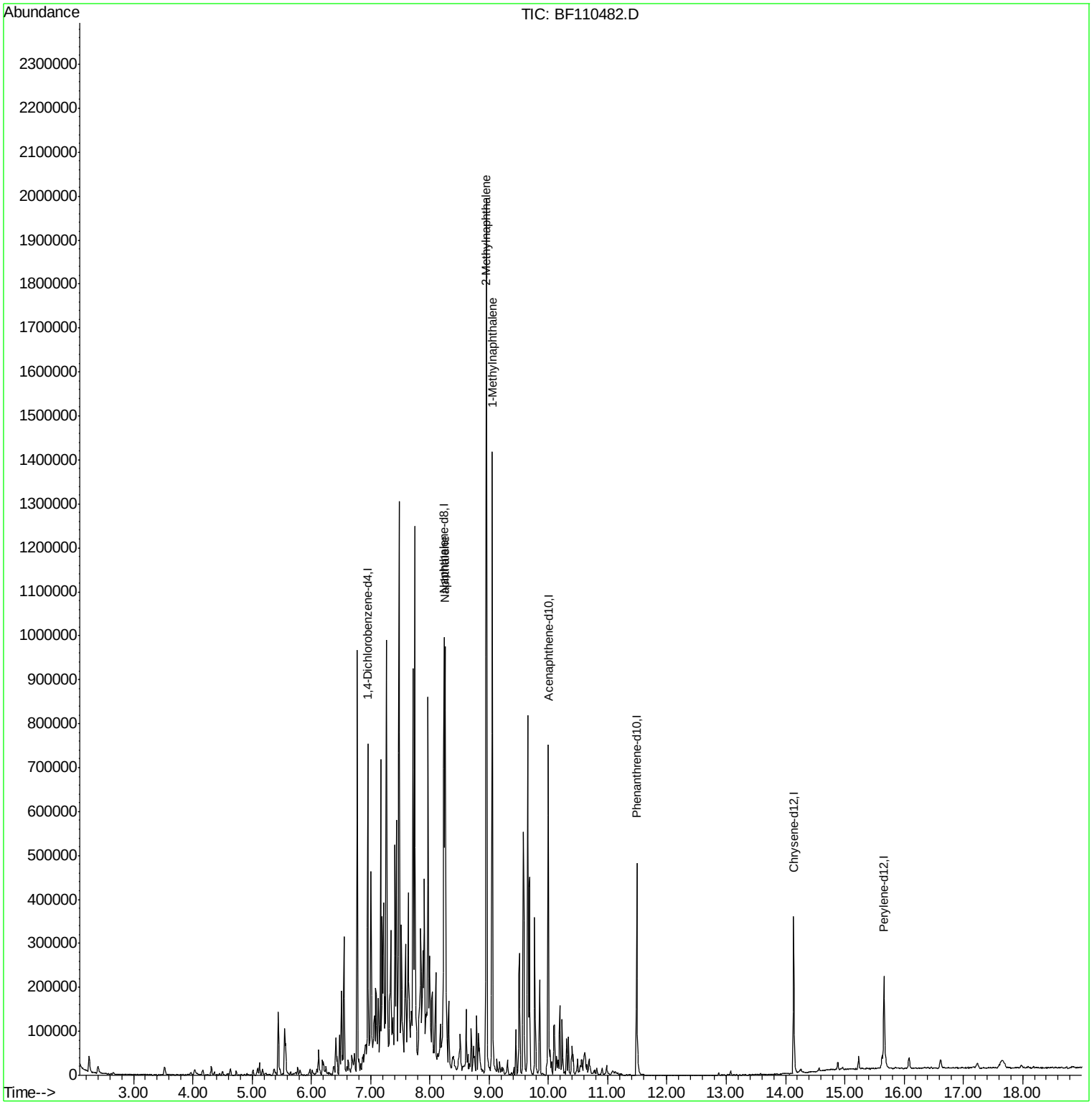
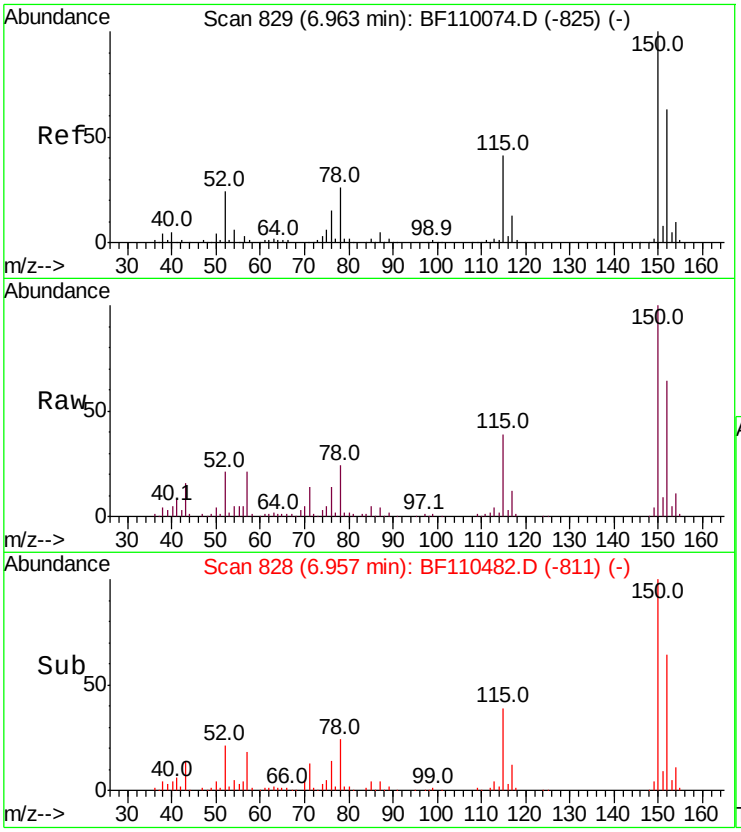


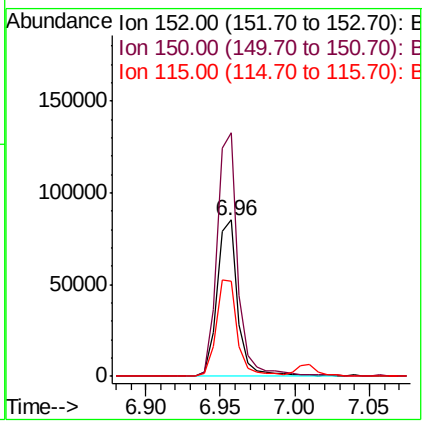


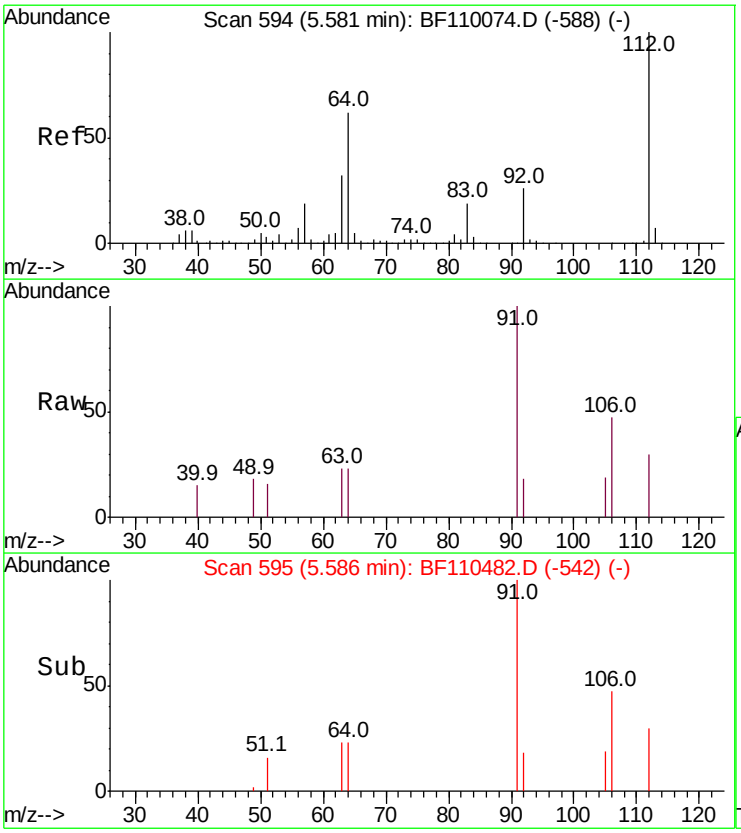
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF110482.D
Acq: 5 Nov 2018 23:58

Instrument :
BNA_F
ClientSampleId :
MW-202DL2

Tgt Ion:152 Resp: 83955

Ion	Ratio	Lower	Upper
152	100		
150	155.9	122.7	184.1
115	60.6	49.1	73.7

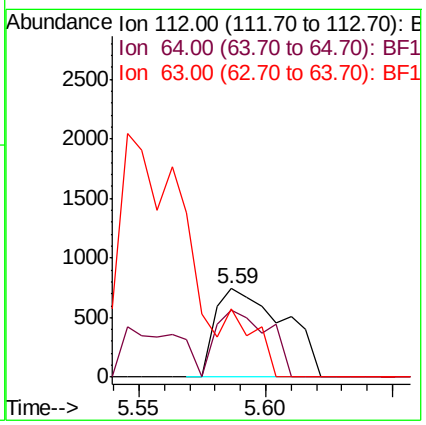


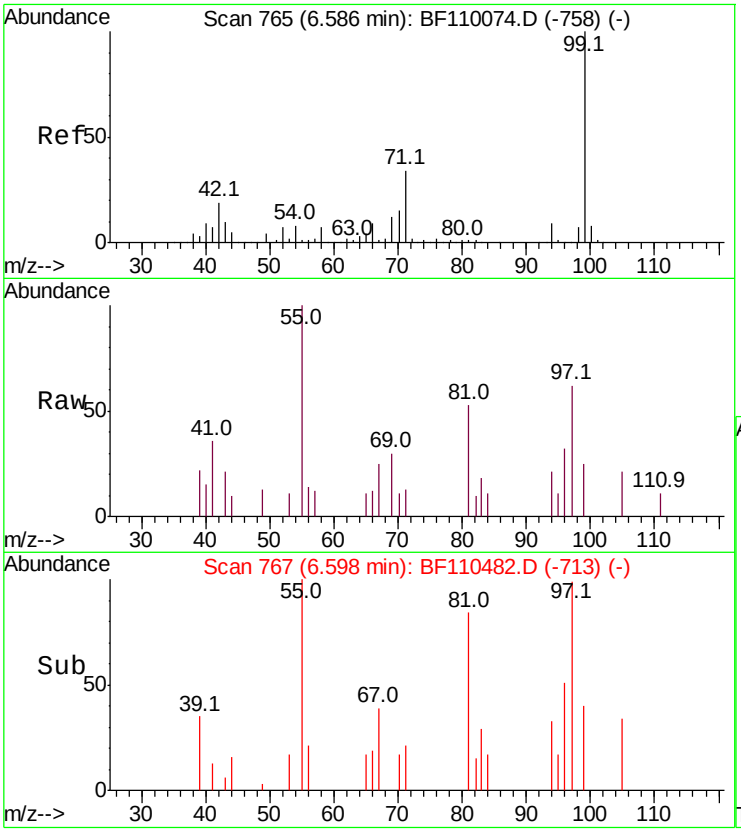


#5
2-Fluorophenol
Concen: 0.270 ng
RT: 5.59 min Scan# 595
Delta R.T. 0.01 min
Lab File: BF110482.D
Acq: 5 Nov 2018 23:58

Tgt Ion:112 Resp: 1393

Ion	Ratio	Lower	Upper
112	100		
64	76.2	44.1	66.1#
63	77.3	23.7	35.5#



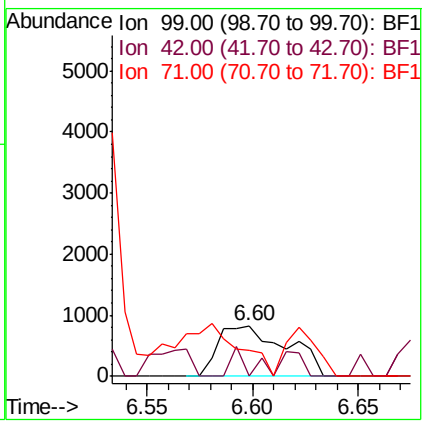


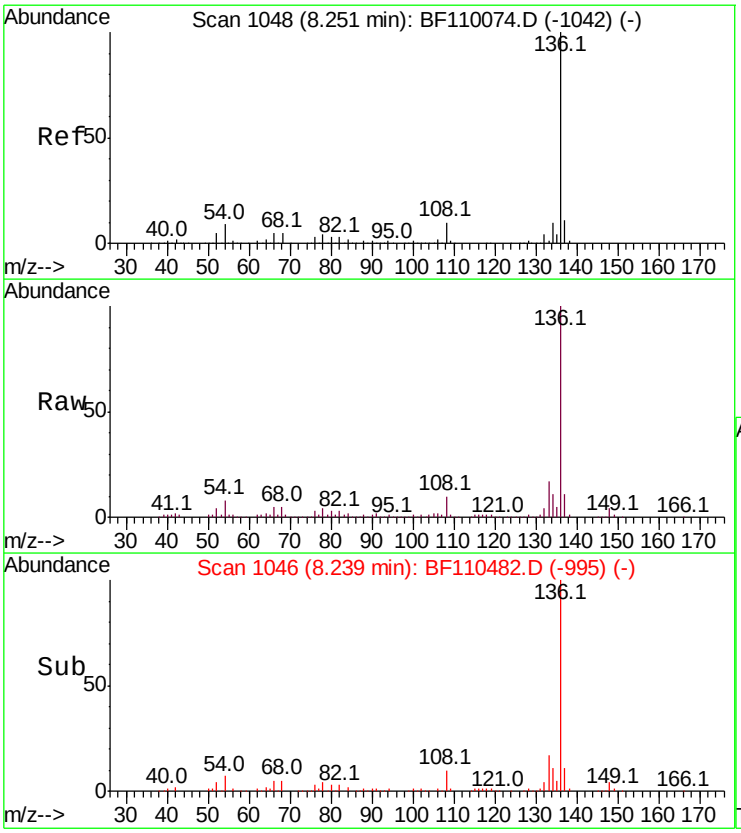
#7
Phenol-d6
Concen: 0.284 ng
RT: 6.60 min Scan# 767
Delta R.T. 0.02 min
Lab File: BF110482.D
Acq: 5 Nov 2018 23:58

Instrument :
BNA_F
ClientSampleId :
MW-202DL2

Tgt Ion: 99 Resp: 1873

Ion	Ratio	Lower	Upper
99	100		
42	0.0	15.8	23.6#
71	50.7	28.0	42.0#

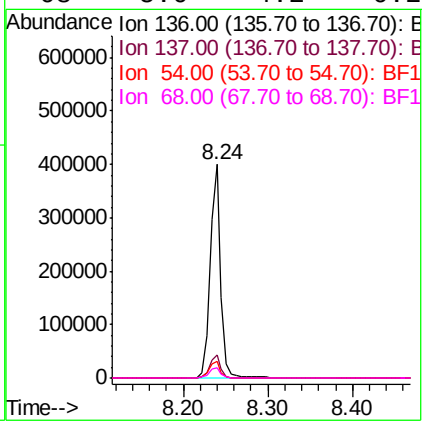


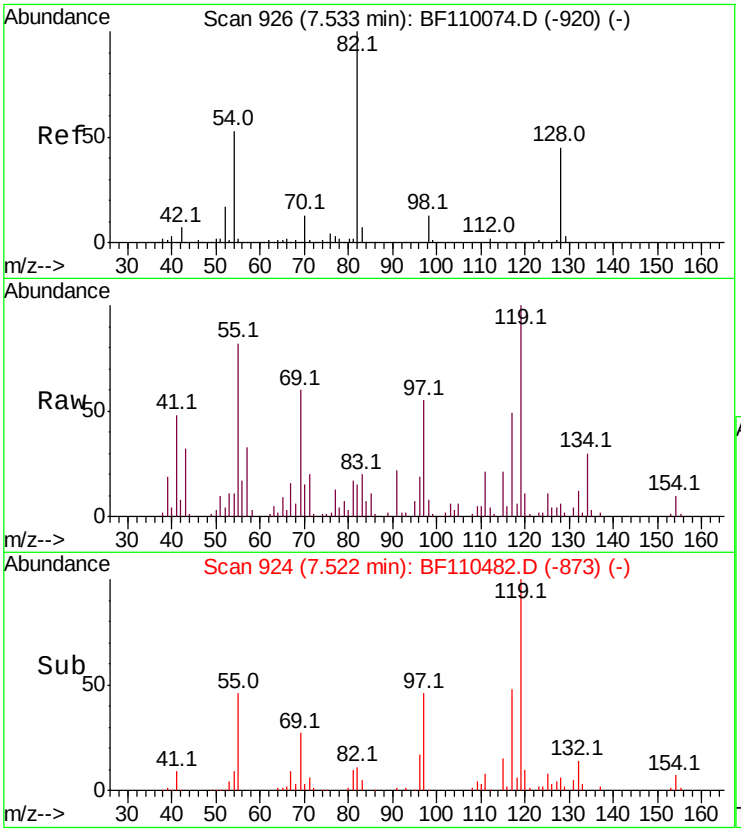


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BF110482.D
Acq: 5 Nov 2018 23:58

Tgt Ion:136 Resp: 352457

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.6	5.4	8.2
68	5.0	4.2	6.2



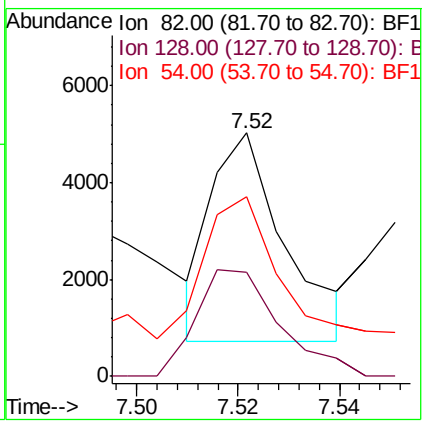


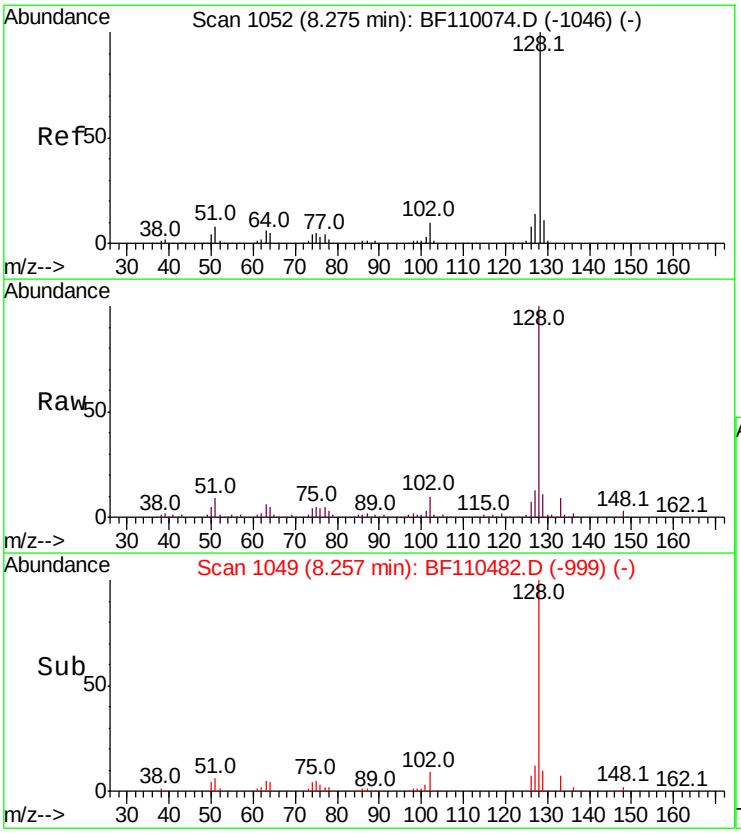
#23
Nitrobenzene-d5
Concen: 0.735 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.00 min
Lab File: BF110482.D
Acq: 5 Nov 2018 23:58

Instrument :
BNA_F
ClientSampleId :
MW-202DL2

Tgt Ion: 82 Resp: 4370

Ion	Ratio	Lower	Upper
82	100		
128	42.8	34.2	51.2
54	73.7	38.6	58.0#

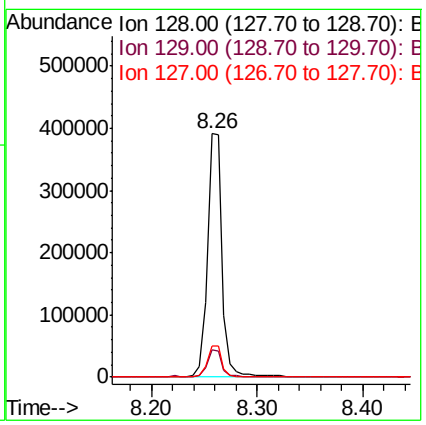


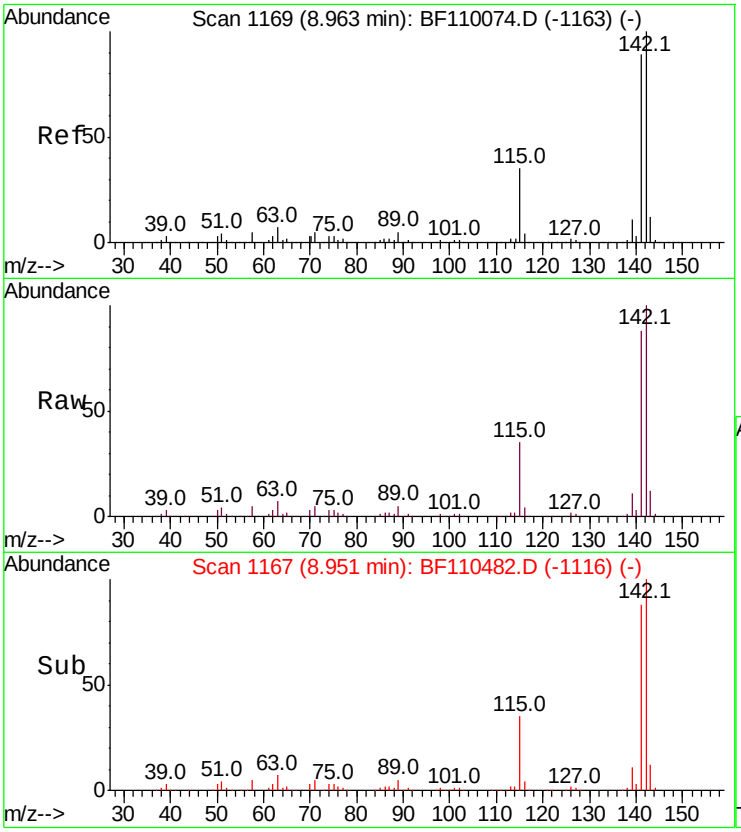


#31
Naphthalene
Concen: 23.277 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF110482.D
Acq: 5 Nov 2018 23:58

Tgt Ion:128 Resp: 378117

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	12.7	10.8	16.2



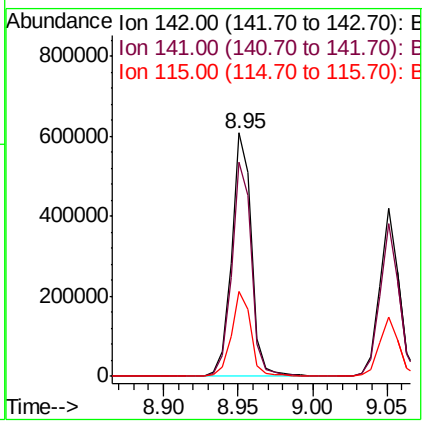


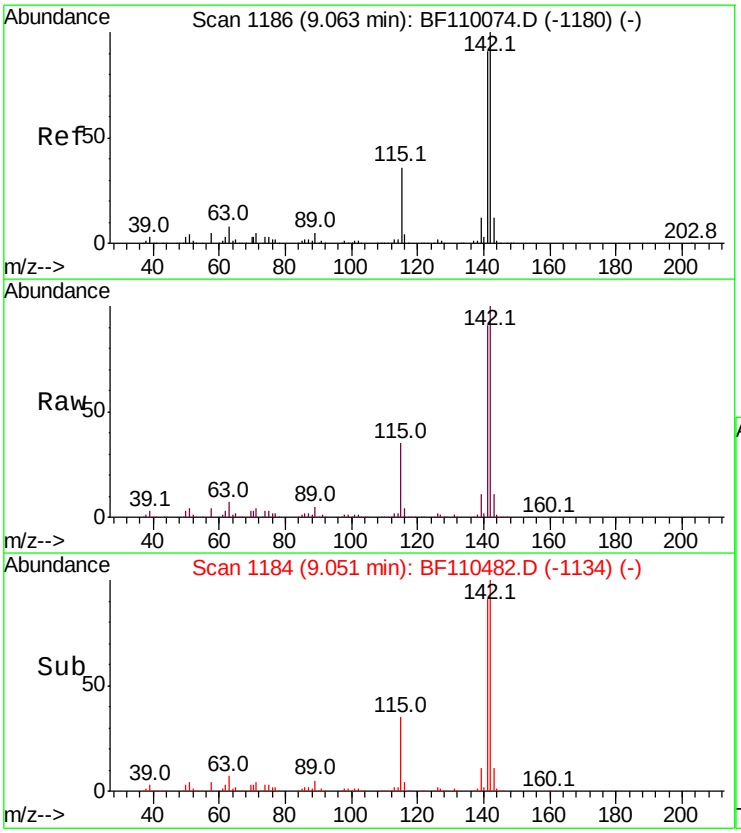
#37
2-Methylnaphthalene
Concen: 53.124 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BF110482.D
Acq: 5 Nov 2018 23:58

Instrument :
BNA_F
ClientSampleId :
MW-202DL2

Tgt Ion:142 Resp: 570966

Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.4	107.2
115	34.9	28.7	43.1

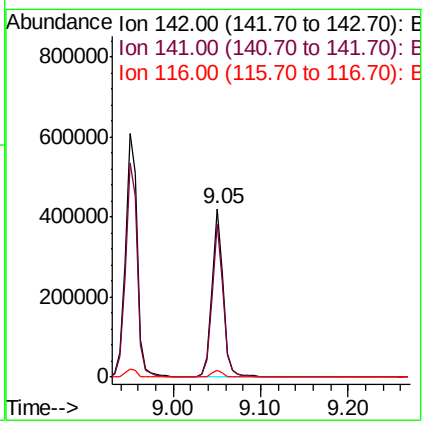


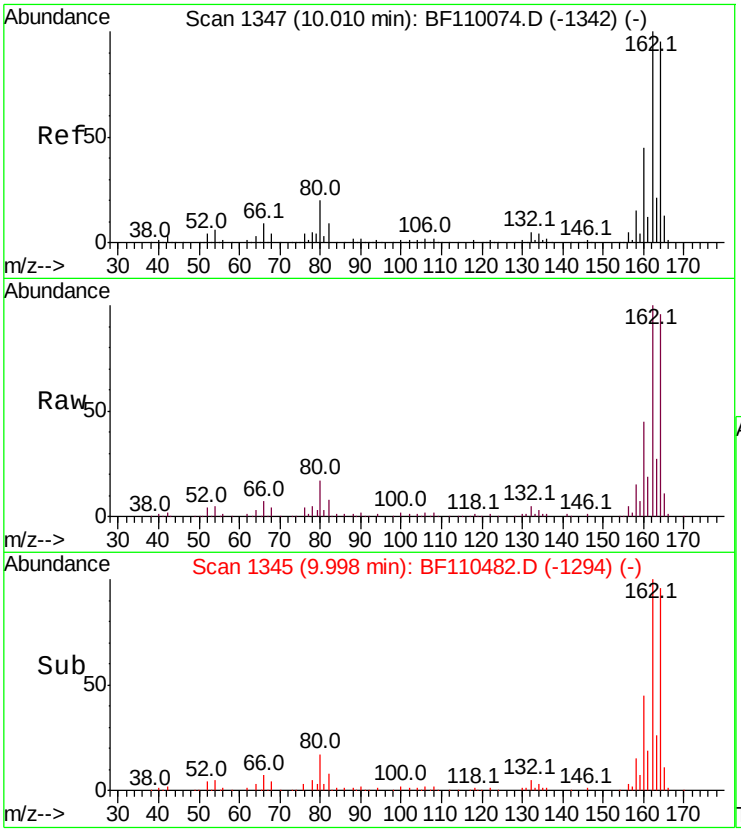


#38
1-Methylnaphthalene
Concen: 36.483 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF110482.D
Acq: 5 Nov 2018 23:58

Tgt Ion:142 Resp: 378925

Ion	Ratio	Lower	Upper
142	100		
141	91.1	74.2	111.4
116	3.8	2.6	4.0



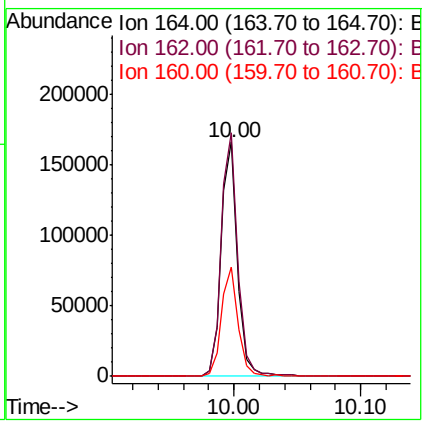


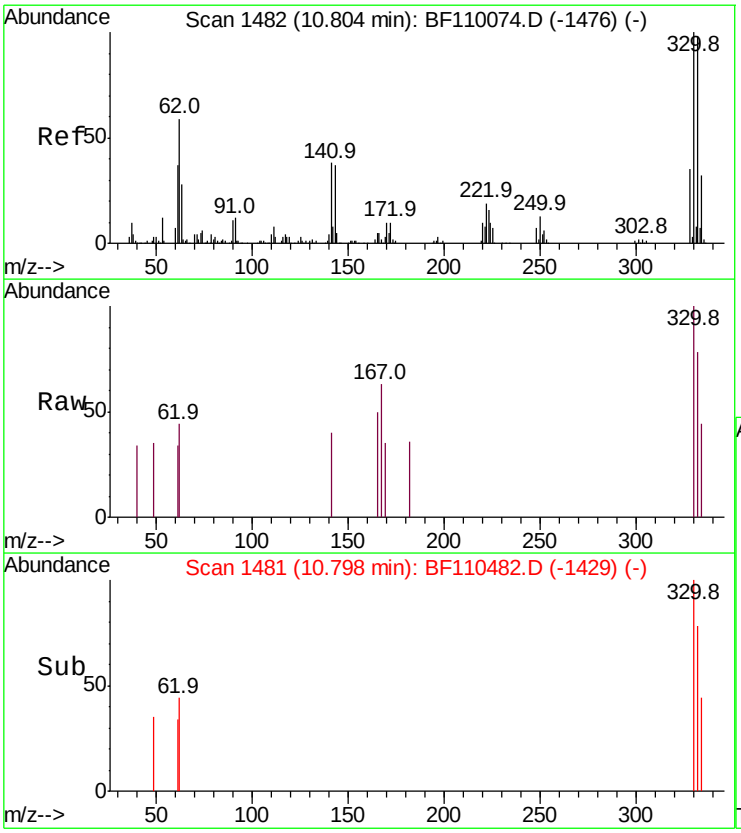
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BF110482.D
Acq: 5 Nov 2018 23:58

Instrument :
BNA_F
ClientSampleId :
MW-202DL2

Tgt Ion:164 Resp: 149646

Ion	Ratio	Lower	Upper
164	100		
162	103.8	83.0	124.6
160	46.4	37.0	55.6

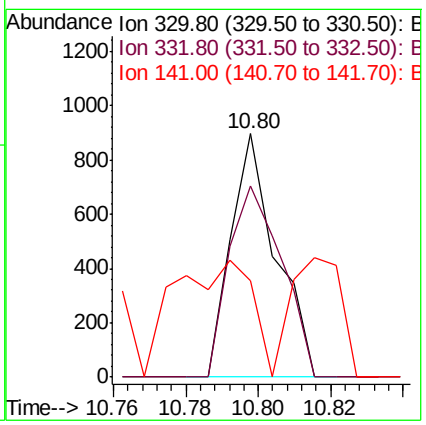


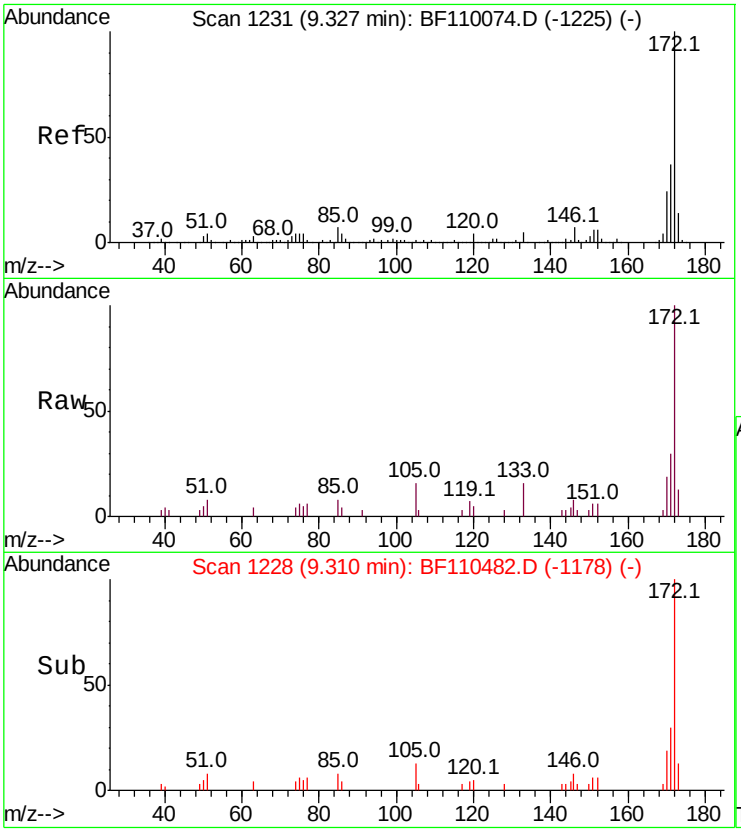


#42
2,4,6-Tribromophenol
Concen: 0.522 ng
RT: 10.80 min Scan# 1481
Delta R.T. 0.01 min
Lab File: BF110482.D
Acq: 5 Nov 2018 23:58

Tgt Ion:330 Resp: 774

Ion	Ratio	Lower	Upper
330	100		
332	92.2	77.1	115.7
141	82.8	27.0	40.4#



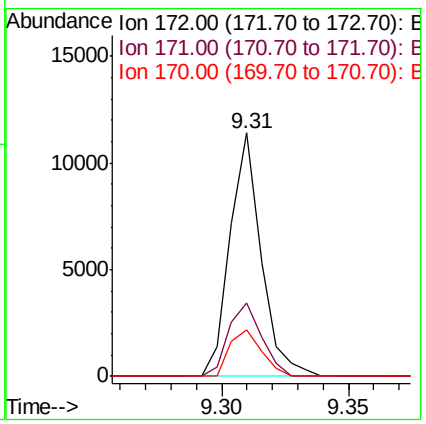


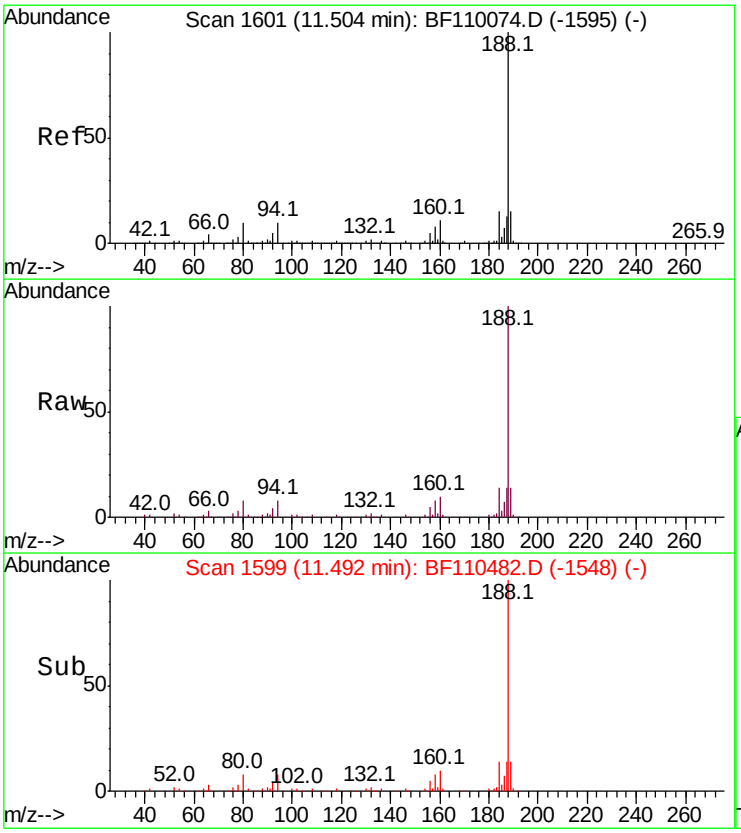
#45
2-Fluorobiphenyl
Concen: 1.023 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF110482.D
Acq: 5 Nov 2018 23:58

Instrument :
BNA_F
ClientSampleId :
MW-202DL2

Tgt Ion:172 Resp: 9746

Ion	Ratio	Lower	Upper
172	100		
171	30.3	28.6	43.0
170	19.3	19.7	29.5#

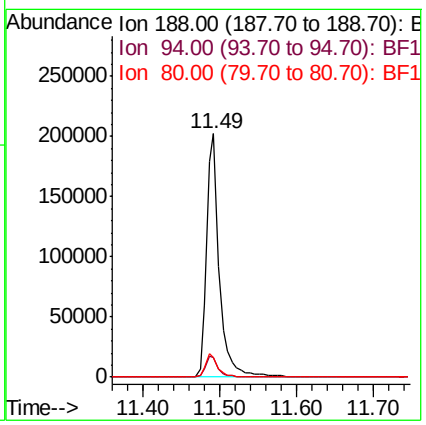


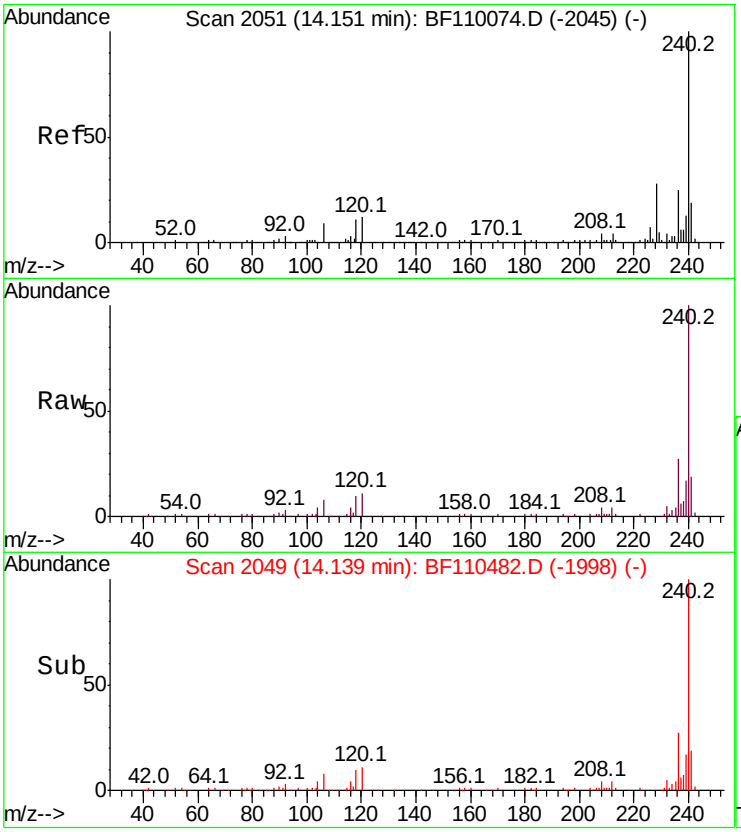


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BF110482.D
Acq: 5 Nov 2018 23:58

Tgt Ion:188 Resp: 229083

Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.2	10.8
80	8.1	7.9	11.9



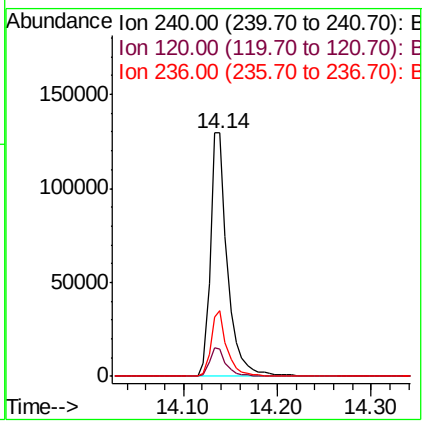


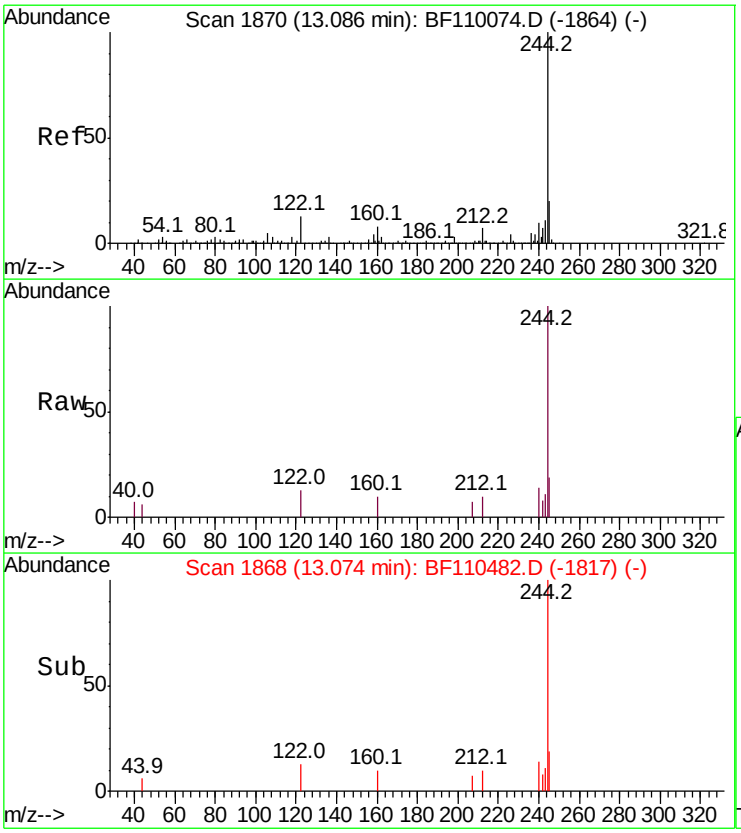
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.00 min
Lab File: BF110482.D
Acq: 5 Nov 2018 23:58

Instrument :
BNA_F
ClientSampleId :
MW-202DL2

Tgt Ion:240 Resp: 166897

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.3	12.5
236	26.9	21.2	31.8

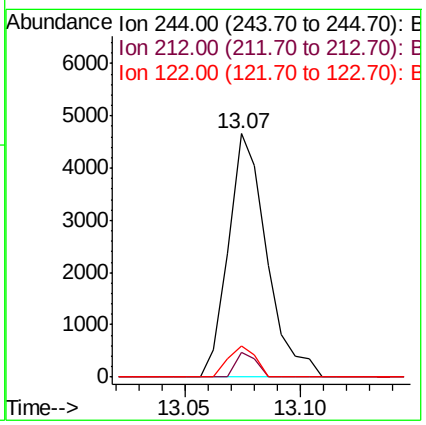


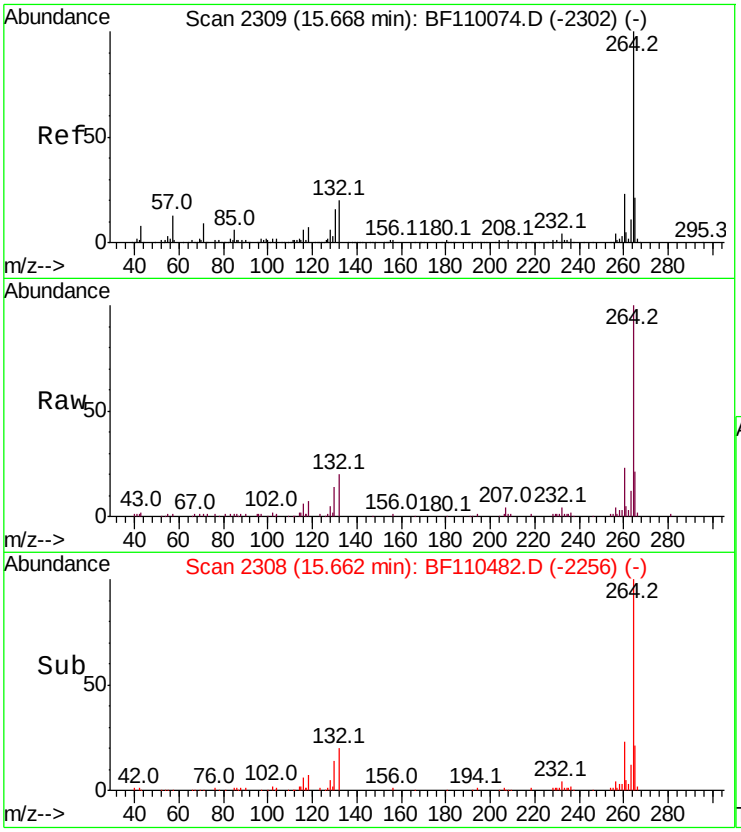


#79
Terphenyl-d14
Concen: 0.673 ng
RT: 13.07 min Scan# 1868
Delta R.T. -0.00 min
Lab File: BF110482.D
Acq: 5 Nov 2018 23:58

Tgt Ion:244 Resp: 5400

Ion	Ratio	Lower	Upper
244	100		
212	10.0	5.8	8.8#
122	12.9	8.7	13.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.01 min
Lab File: BF110482.D
Acq: 5 Nov 2018 23:58

Instrument :
BNA_F
ClientSampleId :
MW-202DL2

Tgt Ion:264 Resp: 128253

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.7	28.1
265	21.1	16.7	25.1