Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF061319\
Data File : BF115018.D
Acq On : 13 Jun 2019 22:43
Operator : HP/JU
Sample : K3345-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PR-MW-2_061219

Quant Time: Jun 14 05:06:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 15:42:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	275661	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1015232	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	511812	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	934550	20.00	ng	-0.01
76) Chrysene-d12	13.77	240	615934	20.00	ng	-0.01
87) Perylene-d12	15.14	264	575413	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	935703	56.68	ng	0.00
7) Phenol-d6	6.28	99	752225	37.77	ng	-0.02
23) Nitrobenzene-d5	7.21	82	1461947	86.68	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	638384	116.48	ng	0.00
45) 2-Fluorobiphenyl	9.00	172	2673834	88.54	ng	0.00
79) Terphenyl-d14	12.73	244	2667639	81.46	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	7.95	128	310725	6.469	ng	98
37) 2-Methylnaphthalene	8.64	142	244177	7.621	ng	98
38) 1-Methylnaphthalene	8.74	142	793098	26.192	ng	99

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

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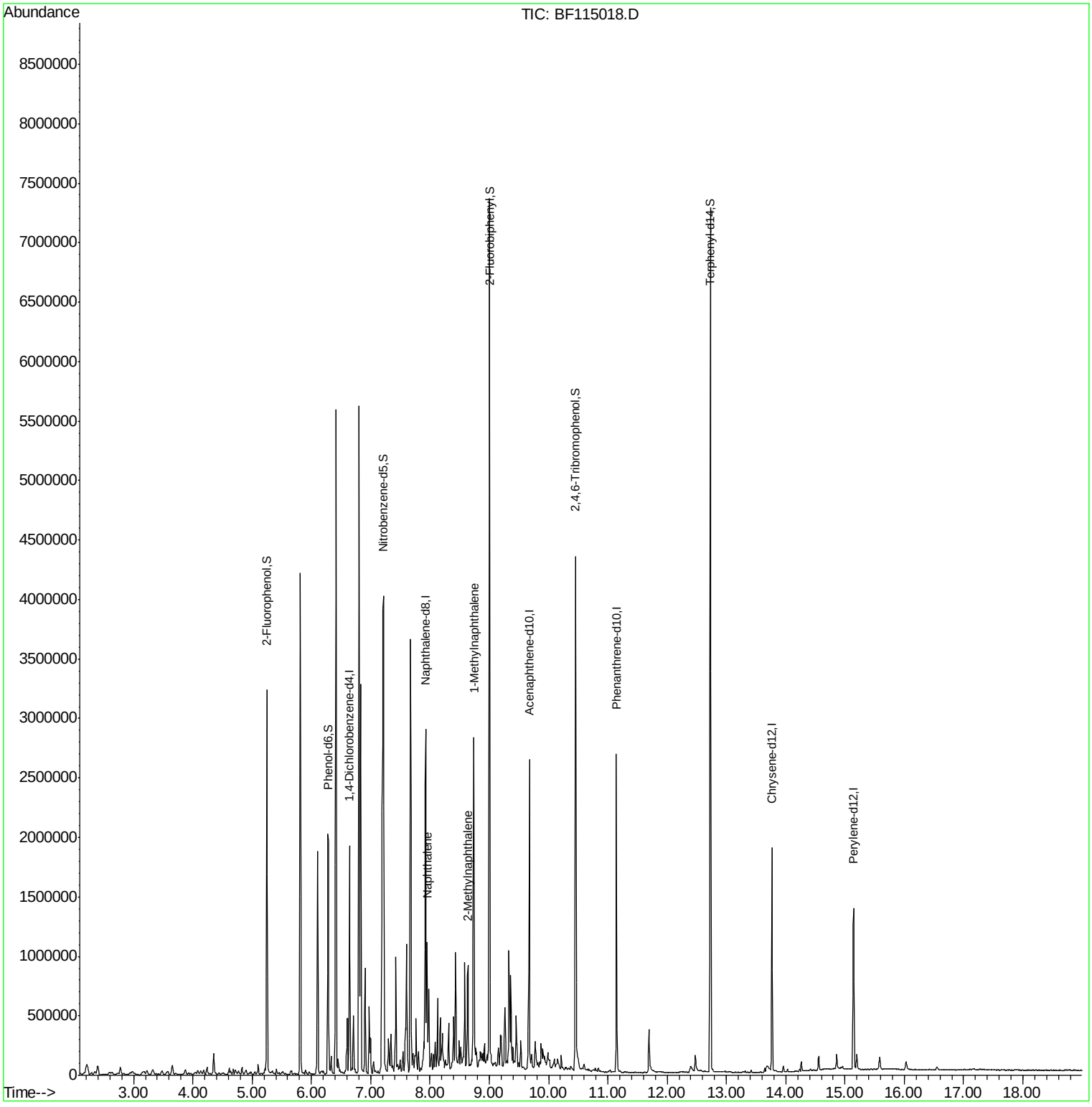
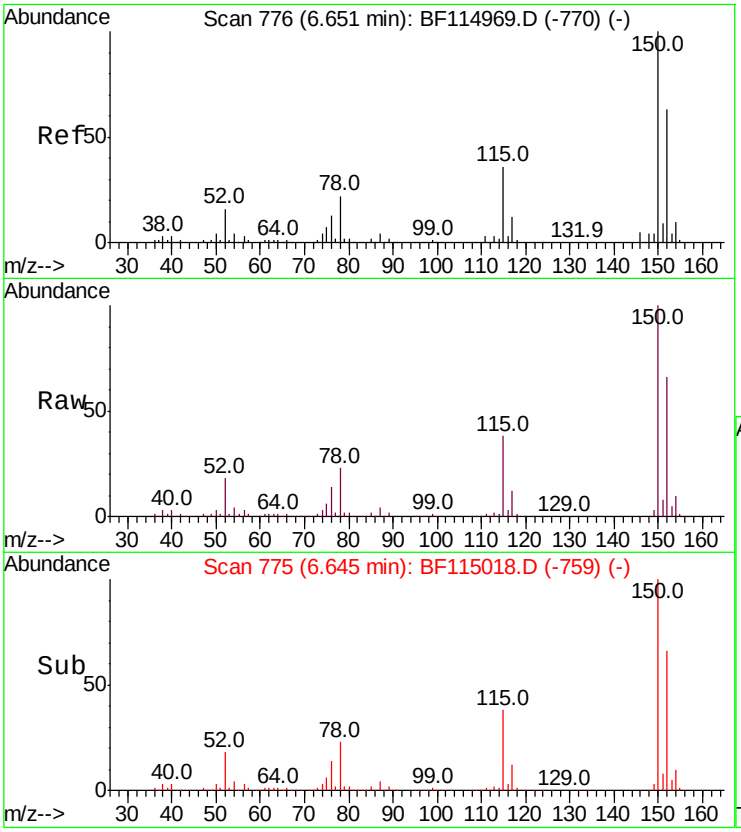


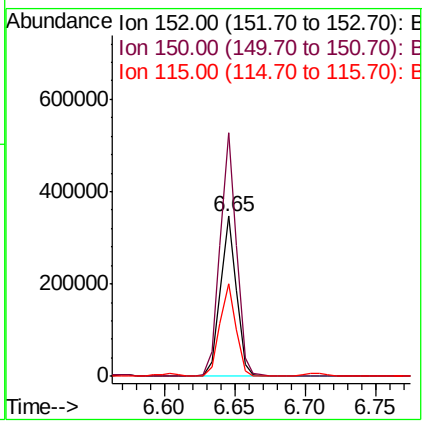


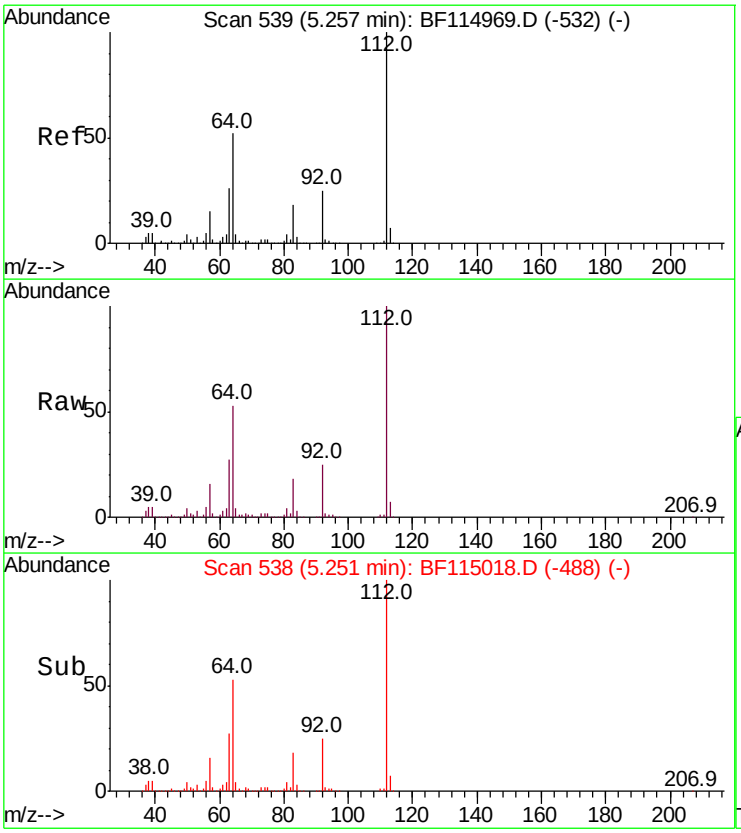
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF115018.D
Acq: 13 Jun 2019 22:43

Instrument :
BNA_F
ClientSampleId :
PR-MW-2_061219

Tgt Ion:152 Resp: 275661

Ion	Ratio	Lower	Upper
152	100		
150	151.9	127.4	191.0
115	57.7	46.0	69.0

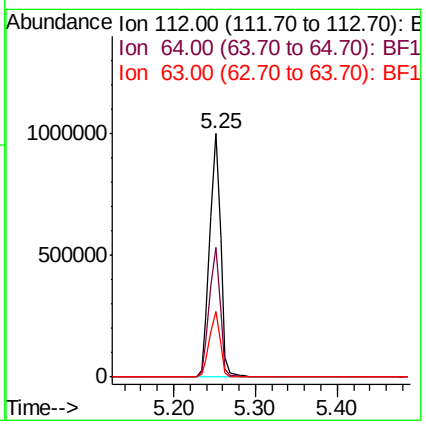


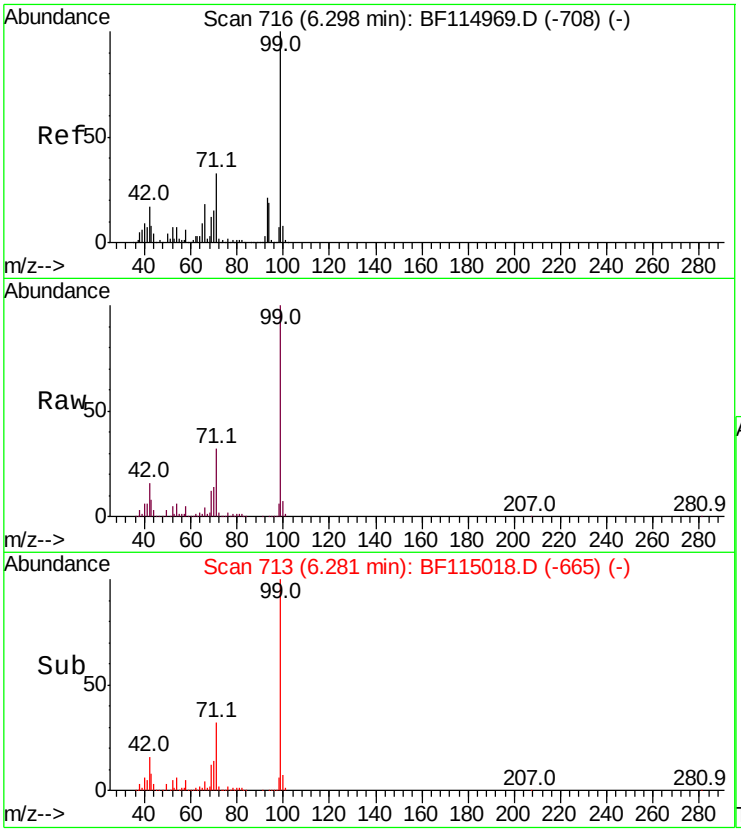


#5
2-Fluorophenol
Concen: 56.679 ng
RT: 5.25 min Scan# 538
Delta R.T. -0.01 min
Lab File: BF115018.D
Acq: 13 Jun 2019 22:43

Tgt Ion:112 Resp: 935703

Ion	Ratio	Lower	Upper
112	100		
64	53.0	41.6	62.4
63	27.2	20.9	31.3



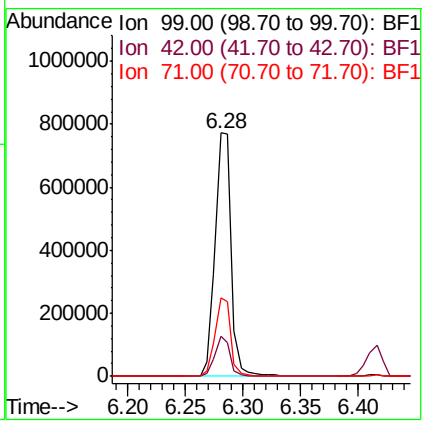


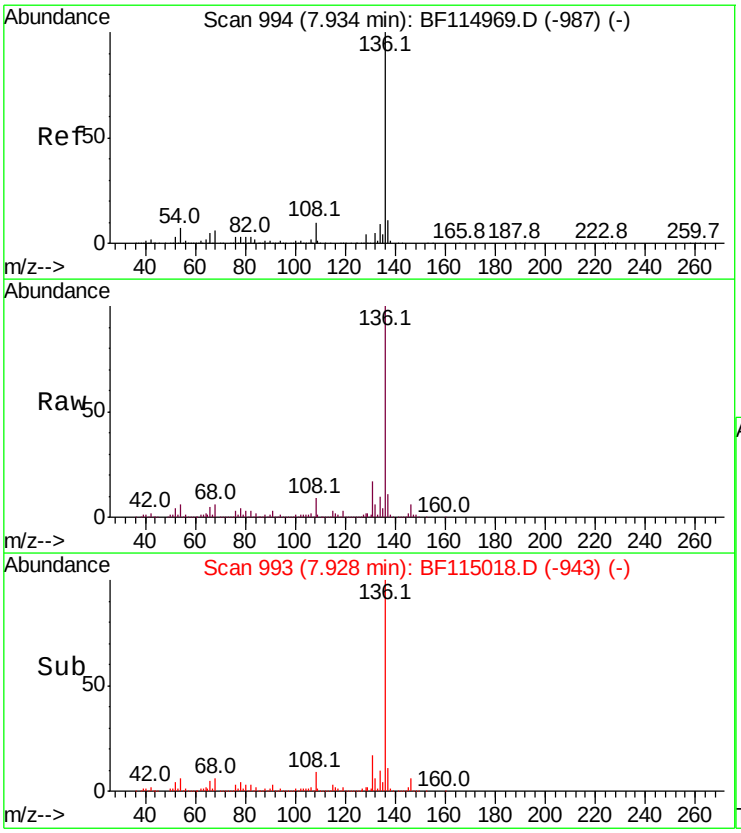
#7
Phenol-d6
Concen: 37.773 ng
RT: 6.28 min Scan# 713
Delta R.T. -0.02 min
Lab File: BF115018.D
Acq: 13 Jun 2019 22:43

Instrument :
BNA_F
ClientSampleId :
PR-MW-2_061219

Tgt Ion: 99 Resp: 752225

Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.4	20.2
71	32.2	26.4	39.6

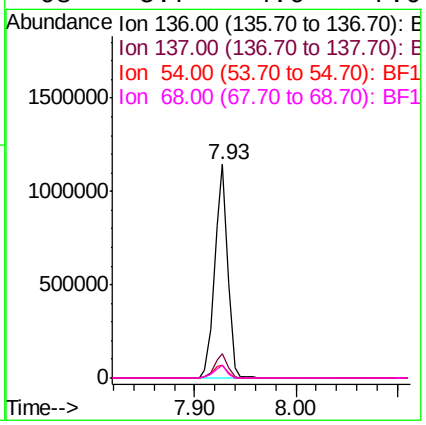


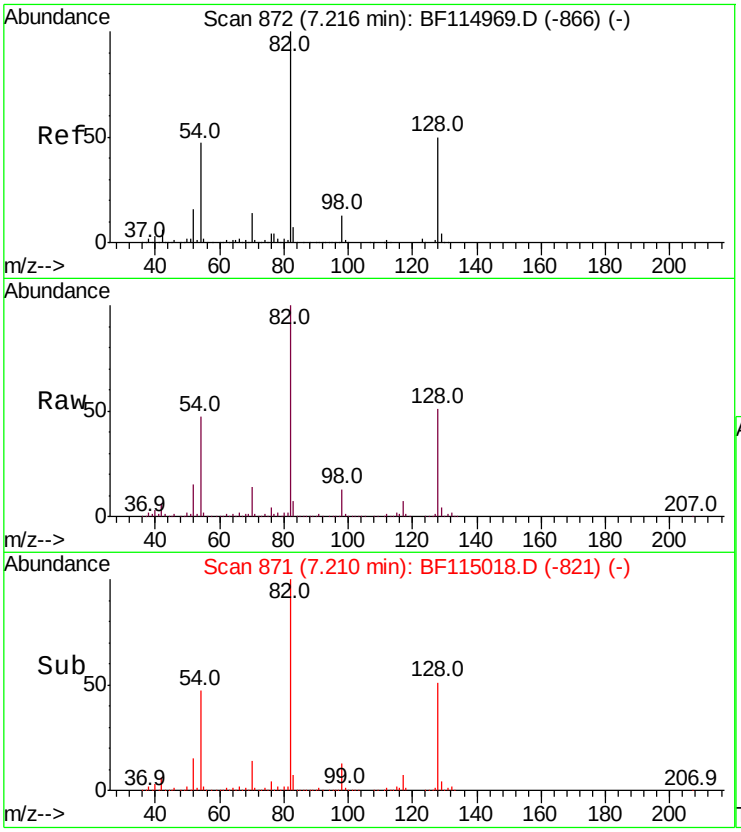


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF115018.D
Acq: 13 Jun 2019 22:43

Tgt Ion:136 Resp: 1015232

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	6.2	5.4	8.0
68	5.7	4.6	7.0



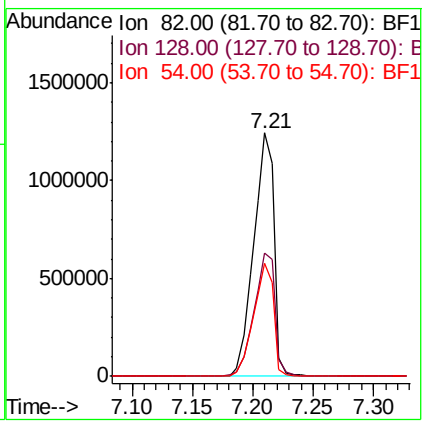


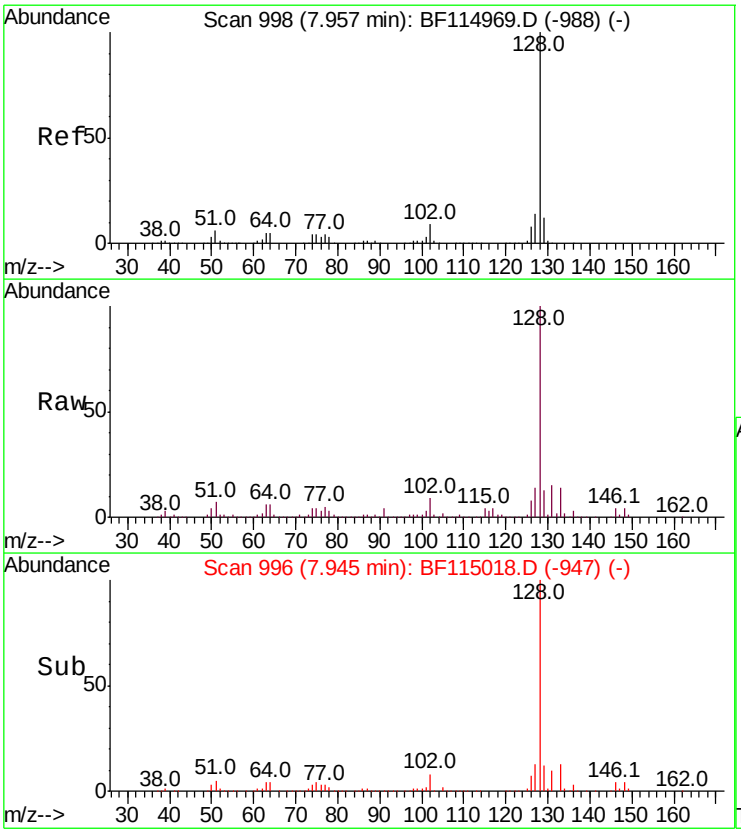
#23
Nitrobenzene-d5
Concen: 86.677 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF115018.D
Acq: 13 Jun 2019 22:43

Instrument :
BNA_F
ClientSampleId :
PR-MW-2_061219

Tgt Ion: 82 Resp: 1461947

Ion	Ratio	Lower	Upper
82	100		
128	50.9	39.9	59.9
54	46.5	37.3	55.9

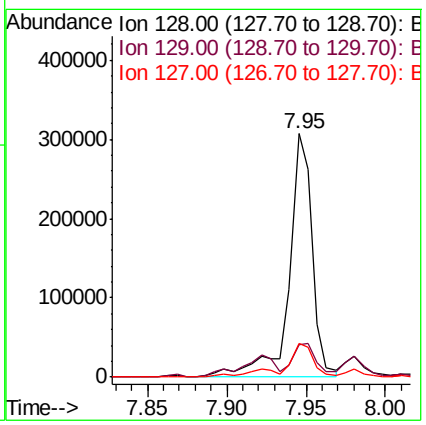


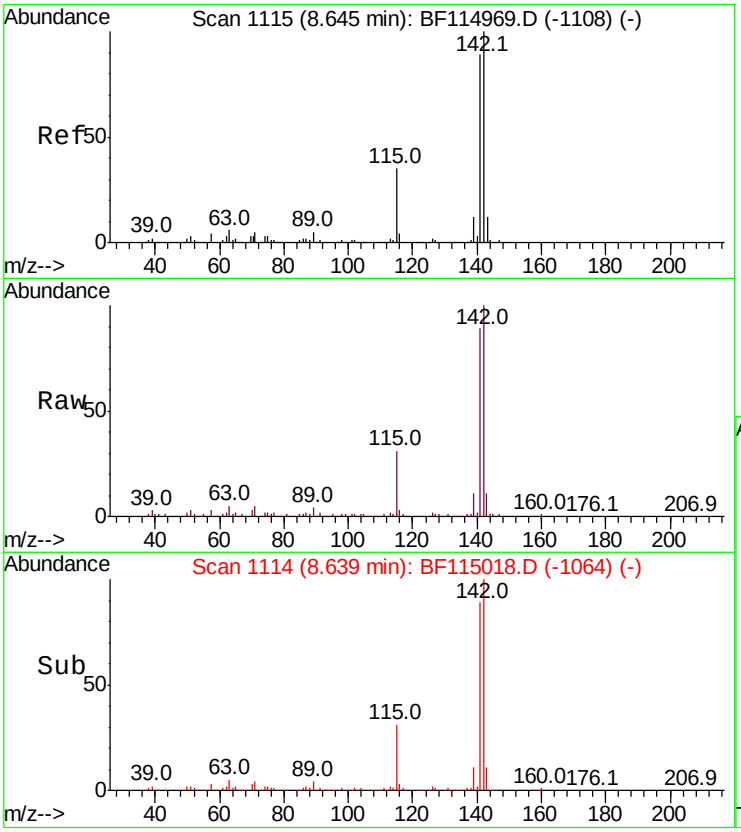


#31
Naphthalene
Concen: 6.469 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF115018.D
Acq: 13 Jun 2019 22:43

Tgt Ion:128 Resp: 310725

Ion	Ratio	Lower	Upper
128	100		
129	13.2	9.5	14.3
127	13.8	11.5	17.3



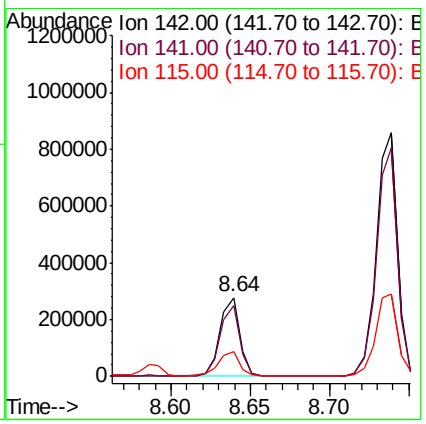


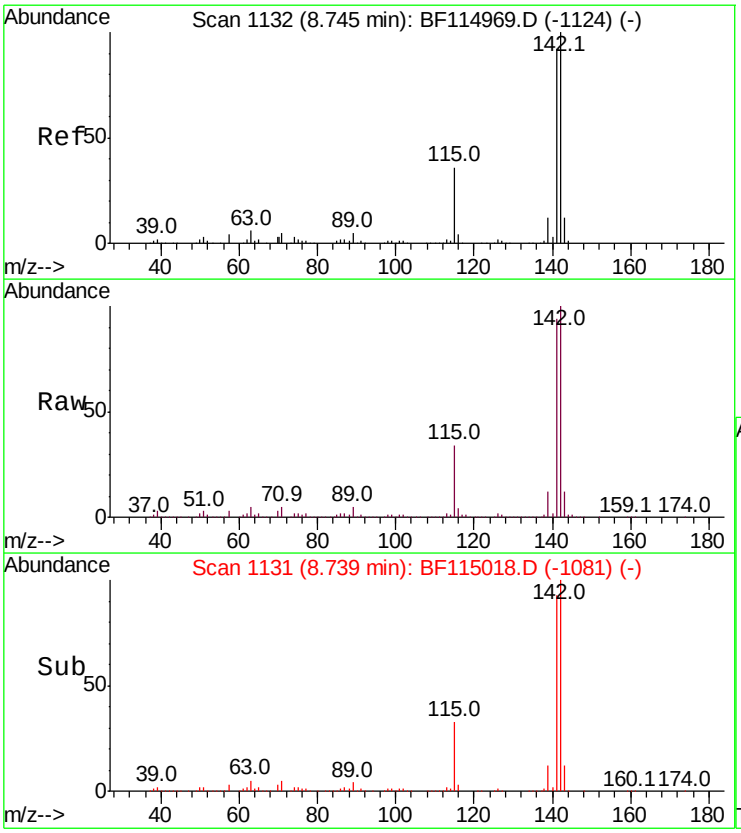
#37
2-Methylnaphthalene
Concen: 7.621 ng
RT: 8.64 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BF115018.D
Acq: 13 Jun 2019 22:43

Instrument :
BNA_F
ClientSampleId :
PR-MW-2_061219

Tgt Ion:142 Resp: 244177

Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.0	106.6
115	31.2	27.9	41.9

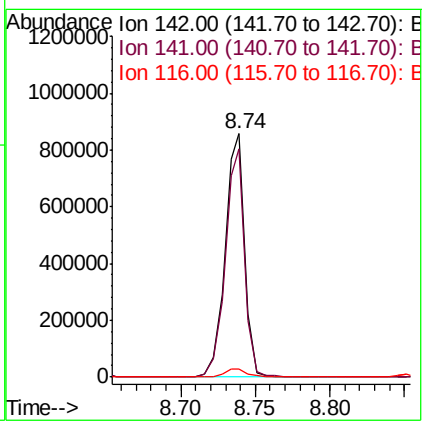


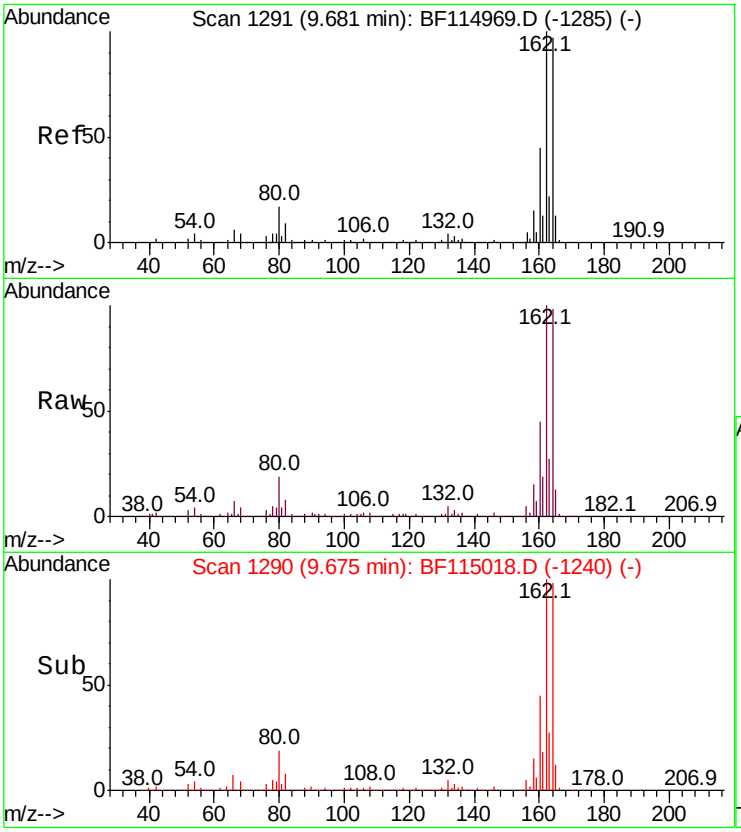


#38
1-Methylnaphthalene
Concen: 26.192 ng
RT: 8.74 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BF115018.D
Acq: 13 Jun 2019 22:43

Tgt Ion:142 Resp: 793098

Ion	Ratio	Lower	Upper
142	100		
141	93.6	73.8	110.8
116	3.6	2.9	4.3



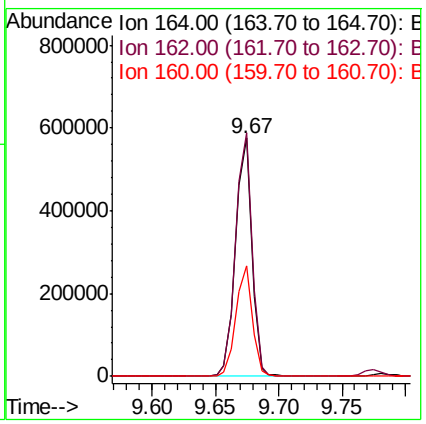


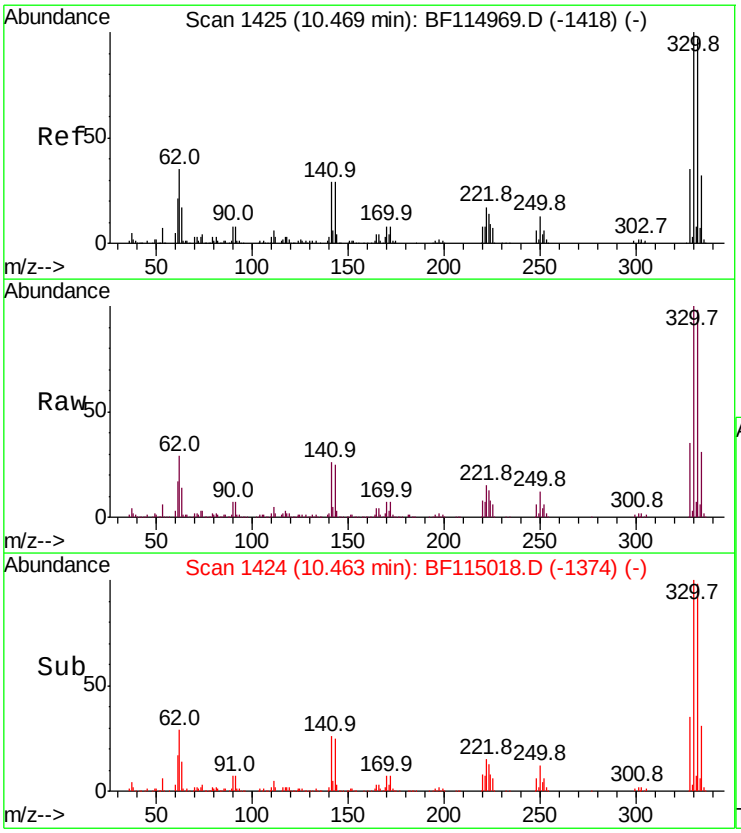
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF115018.D
Acq: 13 Jun 2019 22:43

Instrument :
BNA_F
ClientSampleId :
PR-MW-2_061219

Tgt Ion:164 Resp: 511812

Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.6	124.0
160	46.3	36.9	55.3

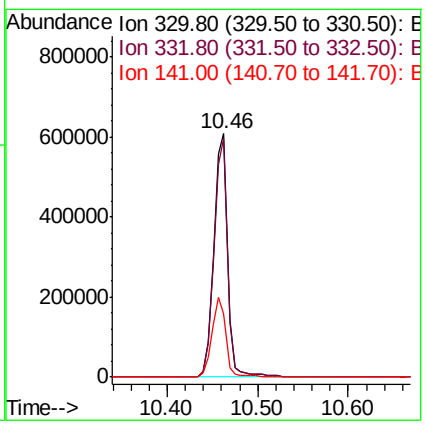


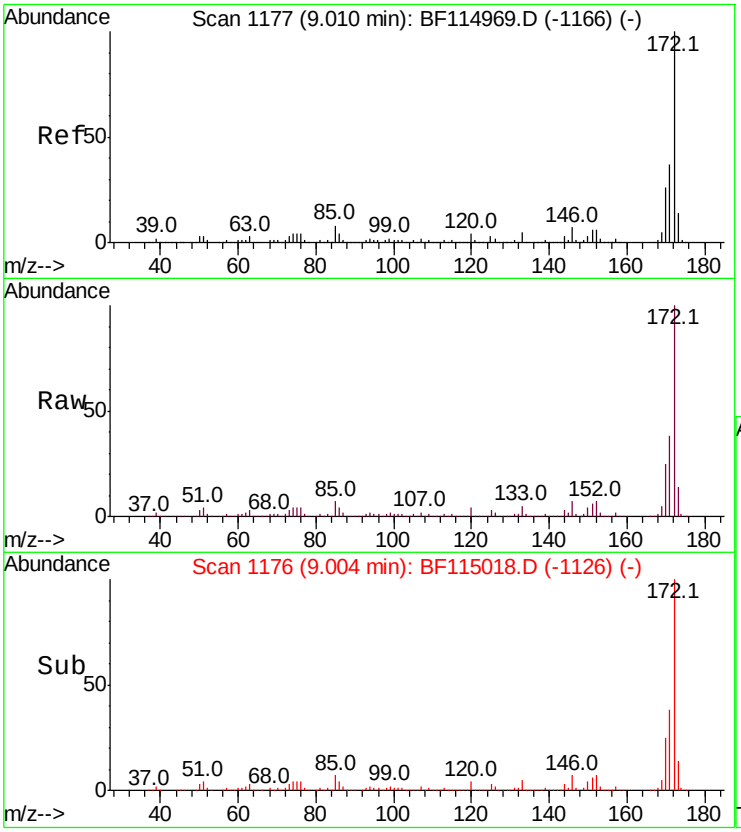


#42
2,4,6-Tribromophenol
Concen: 116.476 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF115018.D
Acq: 13 Jun 2019 22:43

Tgt Ion:330 Resp: 638384

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.6	116.4
141	33.6	27.2	40.8



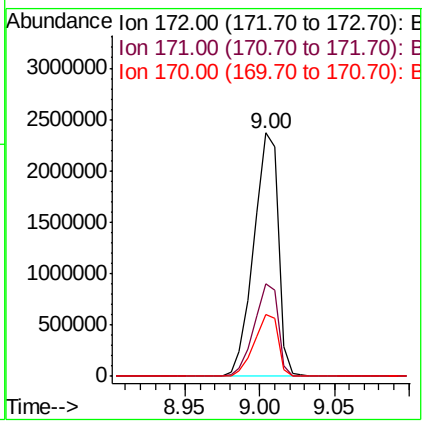


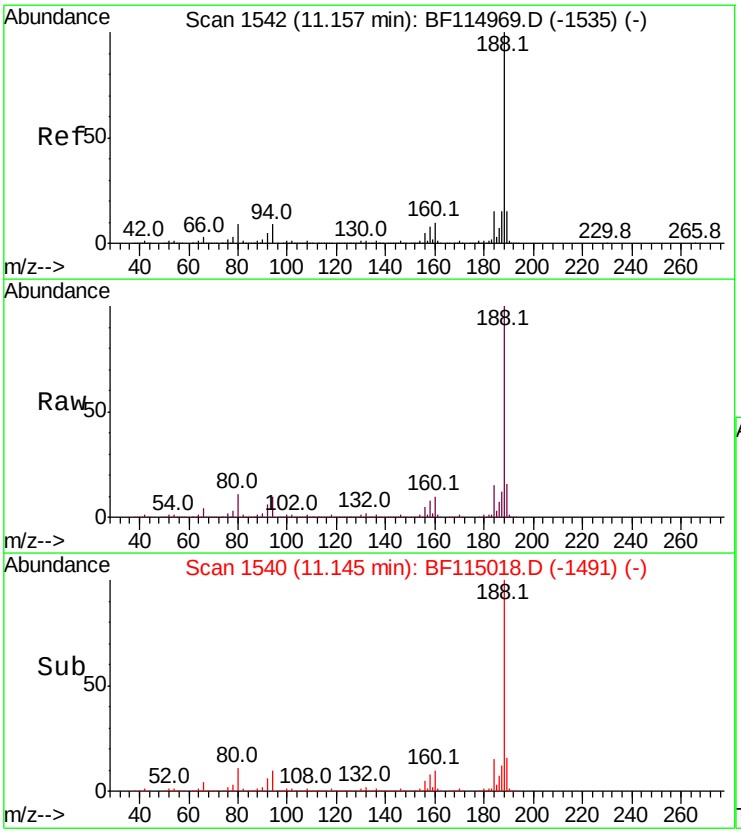
#45
2-Fluorobiphenyl
Concen: 88.542 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF115018.D
Acq: 13 Jun 2019 22:43

Instrument :
BNA_F
ClientSampleId :
PR-MW-2_061219

Tgt Ion:172 Resp: 2673834

Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.8	44.6
170	25.5	20.6	31.0

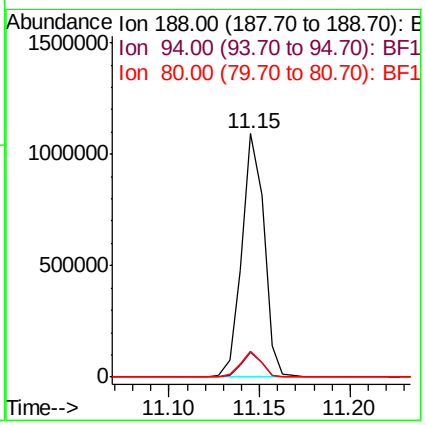


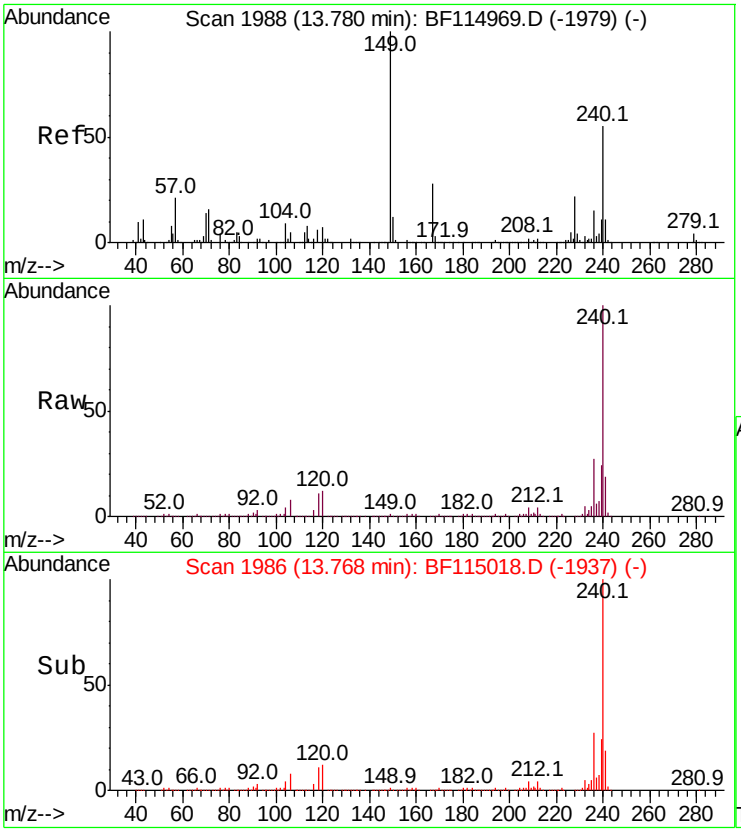


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF115018.D
Acq: 13 Jun 2019 22:43

Tgt Ion:188 Resp: 934550

Ion	Ratio	Lower	Upper
188	100		
94	10.1	7.2	10.8
80	10.6	7.4	11.2



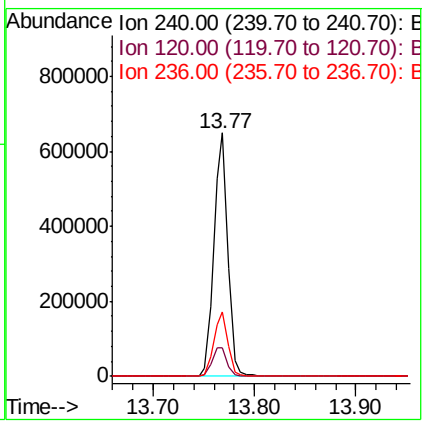


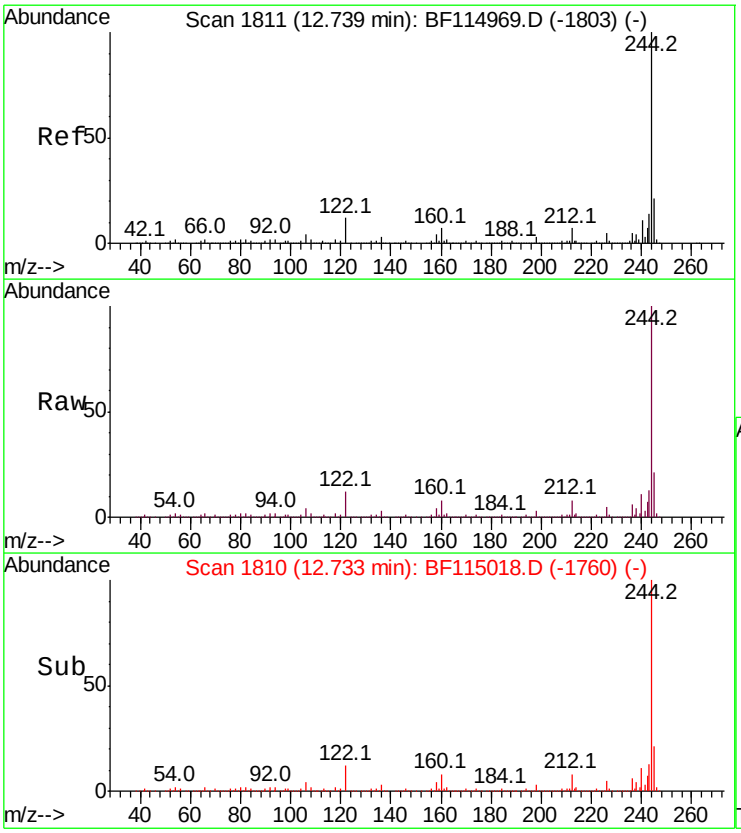
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.77 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BF115018.D
Acq: 13 Jun 2019 22:43

Instrument :
BNA_F
ClientSampleId :
PR-MW-2_061219

Tgt Ion:240 Resp: 615934

Ion	Ratio	Lower	Upper
240	100		
120	11.7	10.0	15.0
236	26.7	21.6	32.4

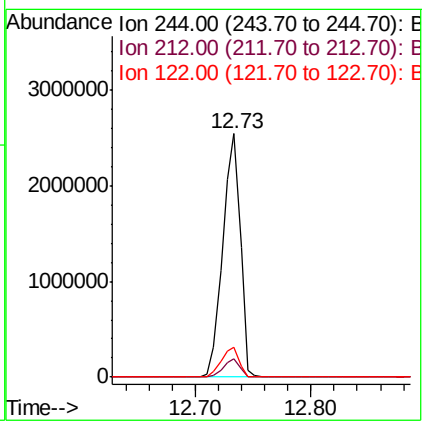


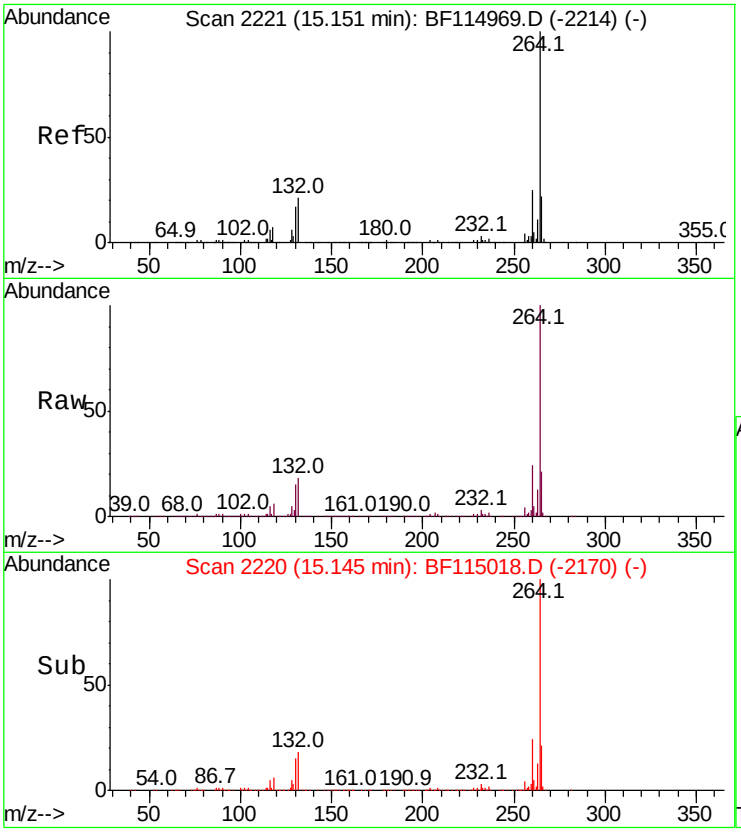


#79
Terphenyl-d14
Concen: 81.461 ng
RT: 12.73 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BF115018.D
Acq: 13 Jun 2019 22:43

Tgt Ion:244 Resp: 2667639

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	12.5	9.4	14.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF115018.D
Acq: 13 Jun 2019 22:43

Instrument :
BNA_F
ClientSampleId :
PR-MW-2_061219

Tgt Ion:264 Resp: 575413

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.9	29.9
265	21.1	17.6	26.4