Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101317\
Data File : BF099445.D
Acq On : 13 Oct 2017 17:52
Operator : SJ/JU
Sample : I5713-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

Quant Time: Oct 13 23:04:51 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 16:25:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	102146	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	389848	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	159210	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	224715	20.00	ng	0.00
75) Chrysene-d12	14.02	240	176827	20.00	ng	0.00
86) Perylene-d12	15.49	264	195666	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	422206	65.80	ng	0.00
7) Phenol-d6	6.48	99	305069	38.54	ng	0.00
23) Nitrobenzene-d5	7.42	82	601915	99.02	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	169120	129.82	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1039856	109.04	ng	0.00
78) Terphenyl-d14	12.96	244	628263	80.80	ng	0.00
Target Compounds						Qvalue
37) 2-Methylnaphthalene	8.95	142	144161	12.11	ng	95
51) Acenaphthene	9.92	154	47495	4.77	ng	95
57) Fluorene	10.44	166	50569	4.74	ng	99

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

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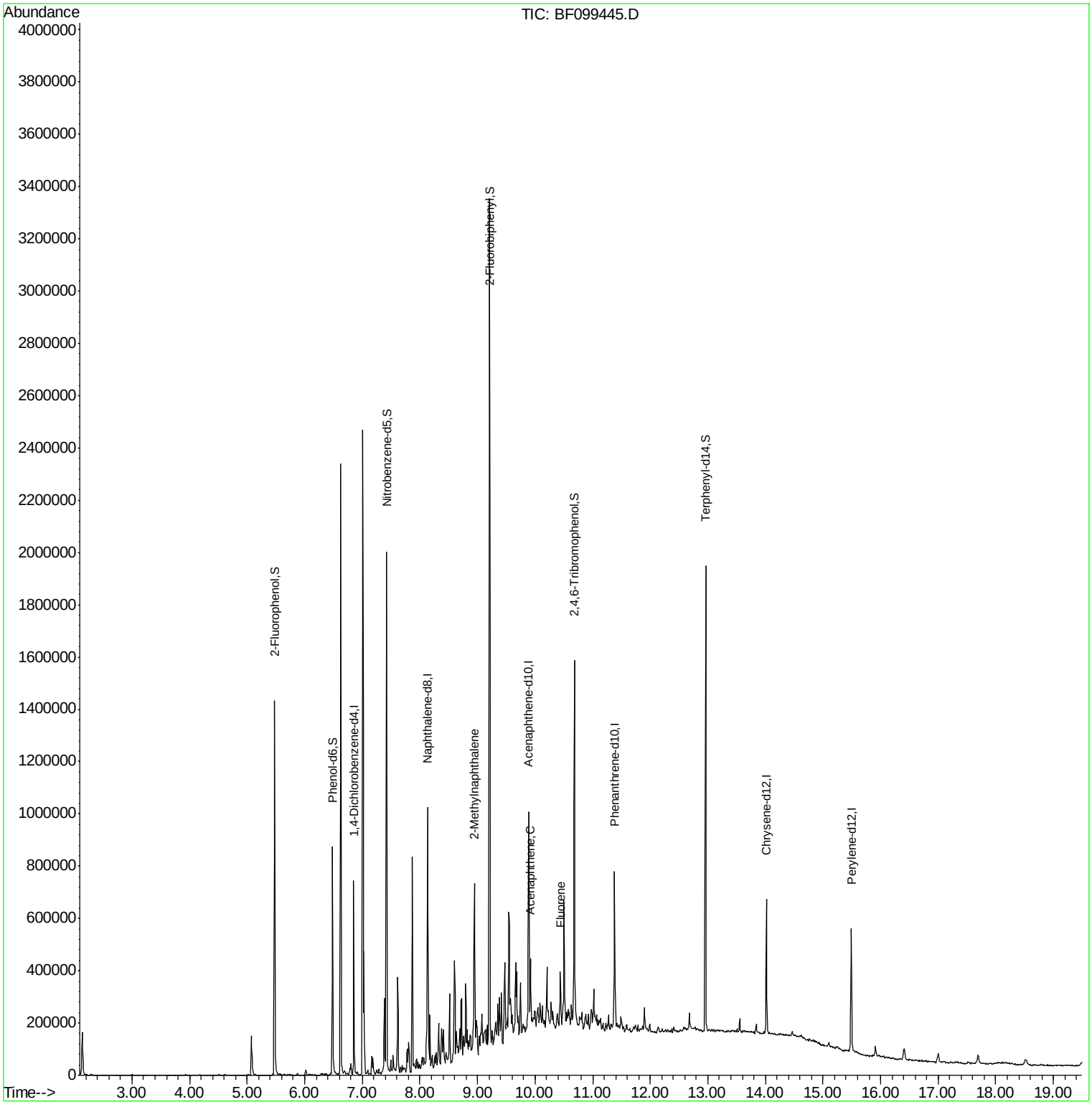
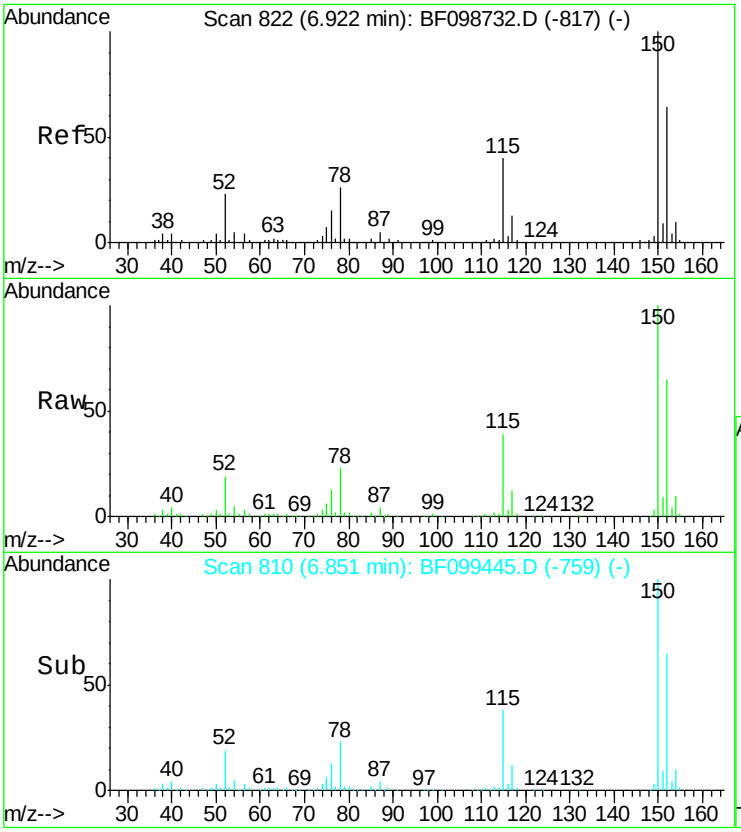


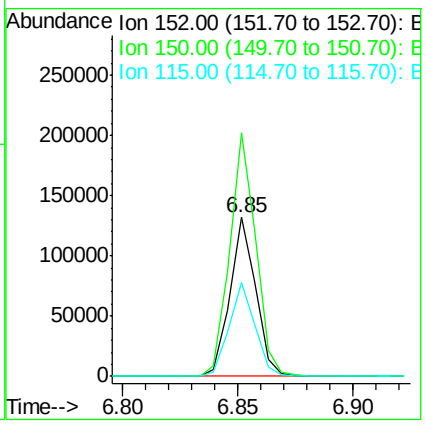


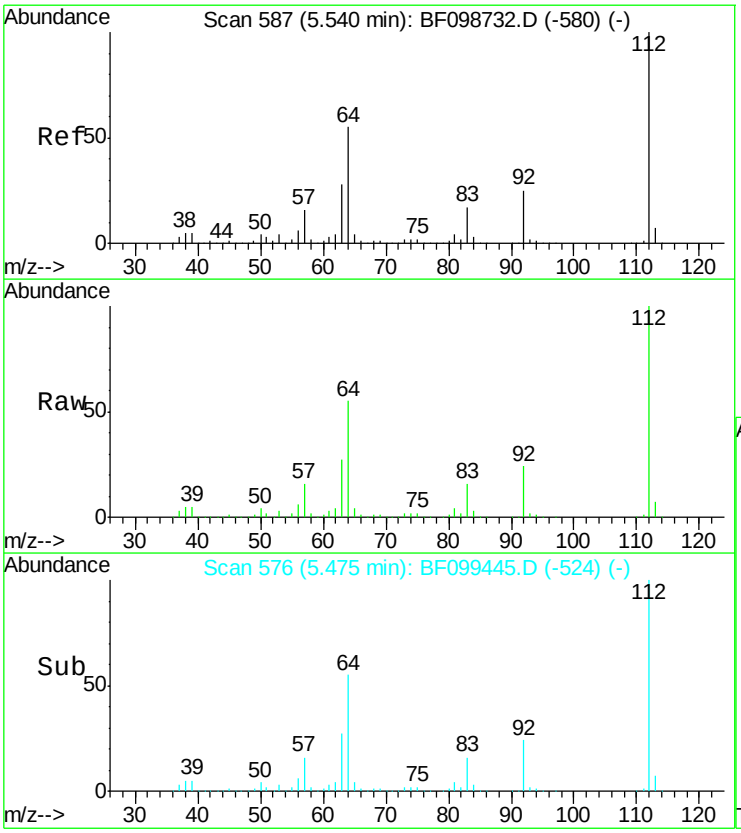
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF099445.D
Acq: 13 Oct 2017 17:52

Instrument :
BNA_F
ClientSampleId :
MW-16

Tgt Ion:152 Resp: 102146

Ion	Ratio	Lower	Upper
152	100		
150	153.2	124.6	186.8
115	59.1	50.1	75.1

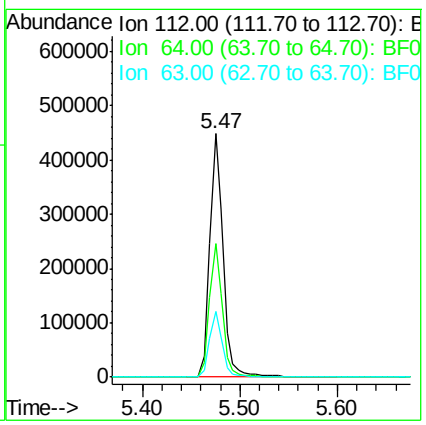


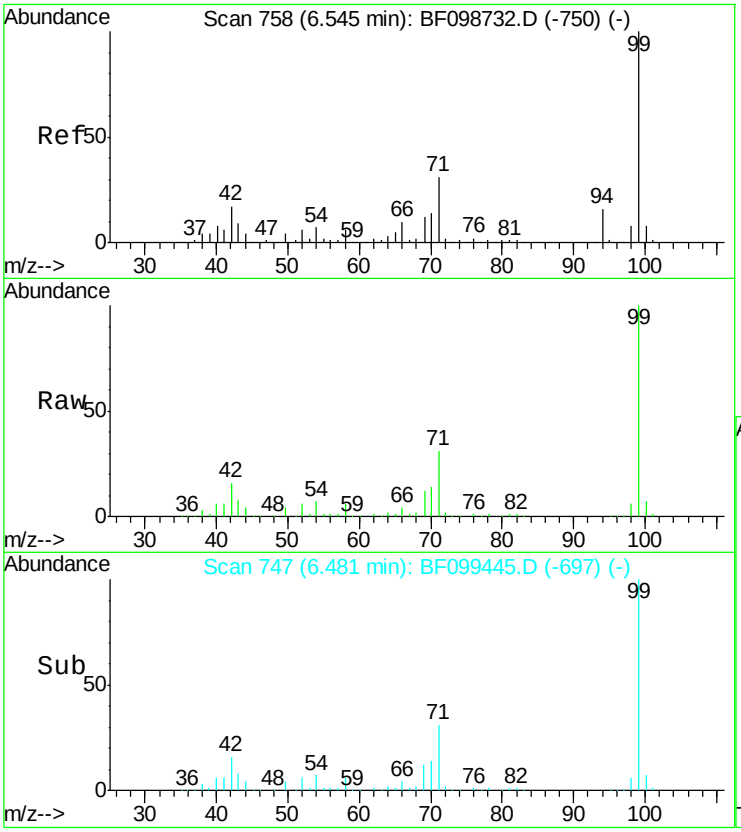


#5
2-Fluorophenol
Concen: 65.80 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF099445.D
Acq: 13 Oct 2017 17:52

Tgt Ion:112 Resp: 422206

Ion	Ratio	Lower	Upper
112	100		
64	54.8	47.9	71.9
63	26.8	23.7	35.5



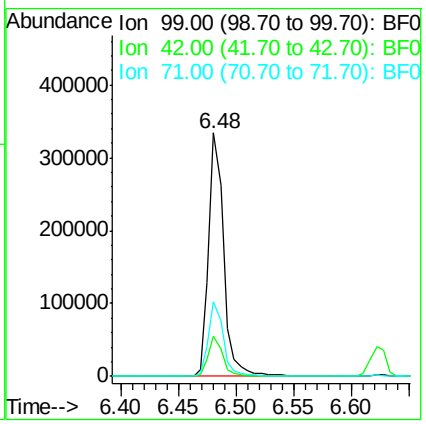


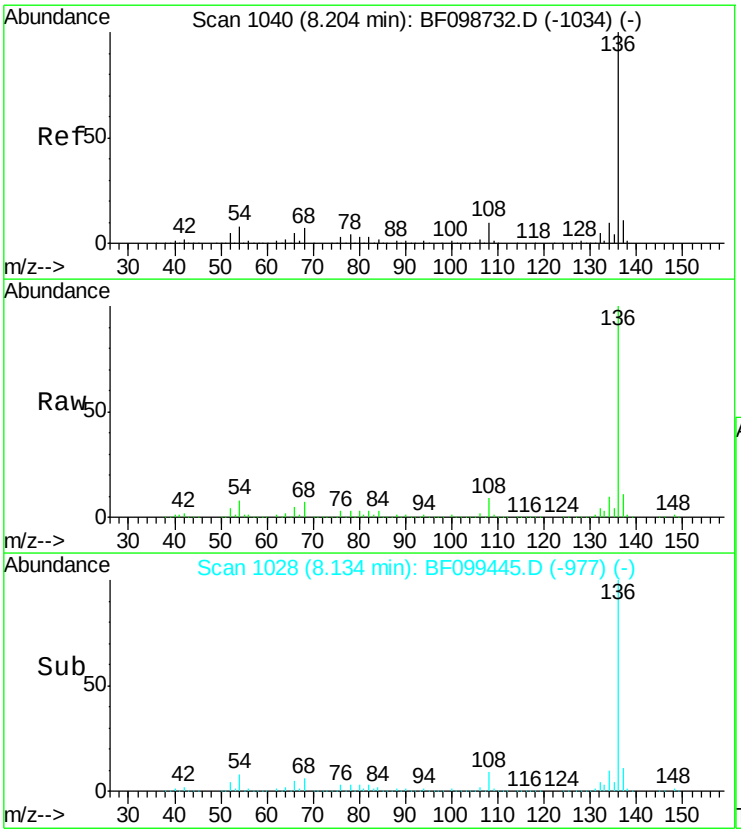
#7
Phenol-d6
Concen: 38.54 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF099445.D
Acq: 13 Oct 2017 17:52

Instrument :
BNA_F
ClientSampleId :
MW-16

Tgt Ion: 99 Resp: 305069

Ion	Ratio	Lower	Upper
99	100		
42	16.3	14.5	21.7
71	30.8	25.4	38.0

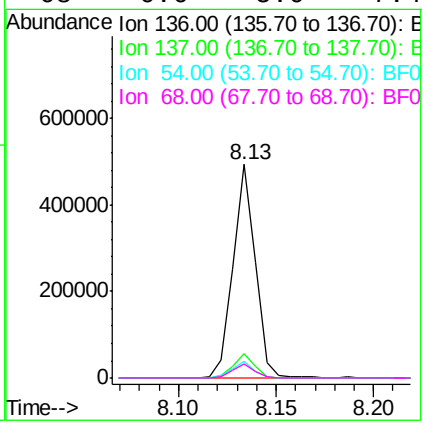


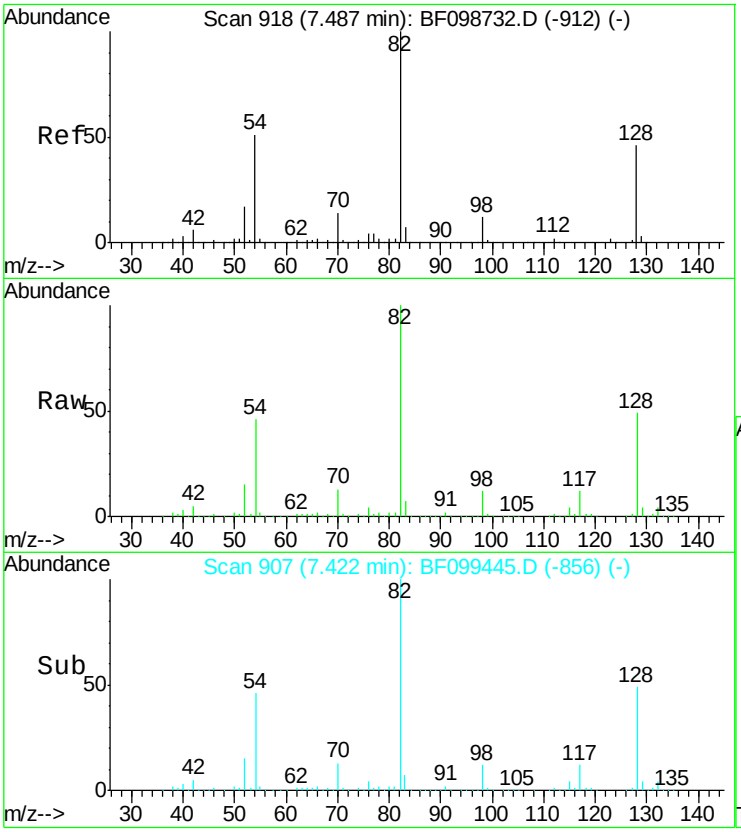


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF099445.D
Acq: 13 Oct 2017 17:52

Tgt Ion:136 Resp: 389848

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	7.8	6.6	9.8
68	6.6	5.0	7.4



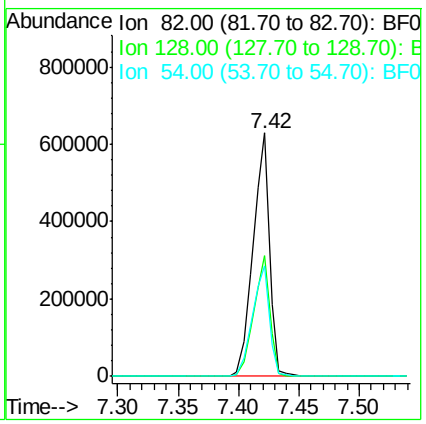


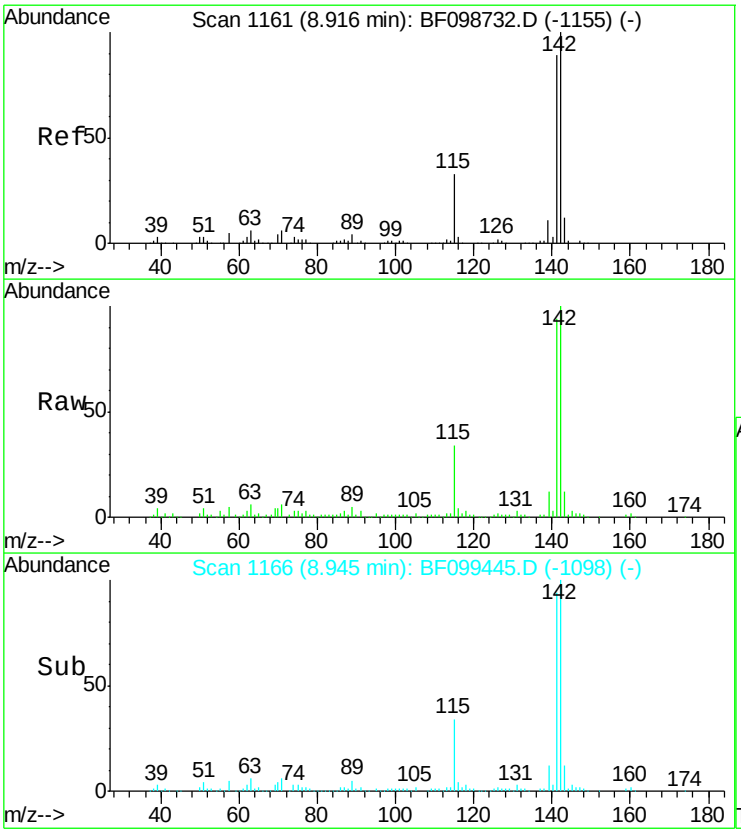
#23
Nitrobenzene-d5
Concen: 99.02 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: BF099445.D
Acq: 13 Oct 2017 17:52

Instrument :
BNA_F
ClientSampleId :
MW-16

Tgt Ion: 82 Resp: 601915

Ion	Ratio	Lower	Upper
82	100		
128	49.4	36.1	54.1
54	45.6	41.4	62.2

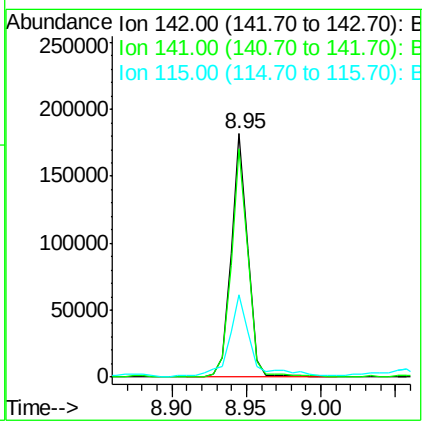


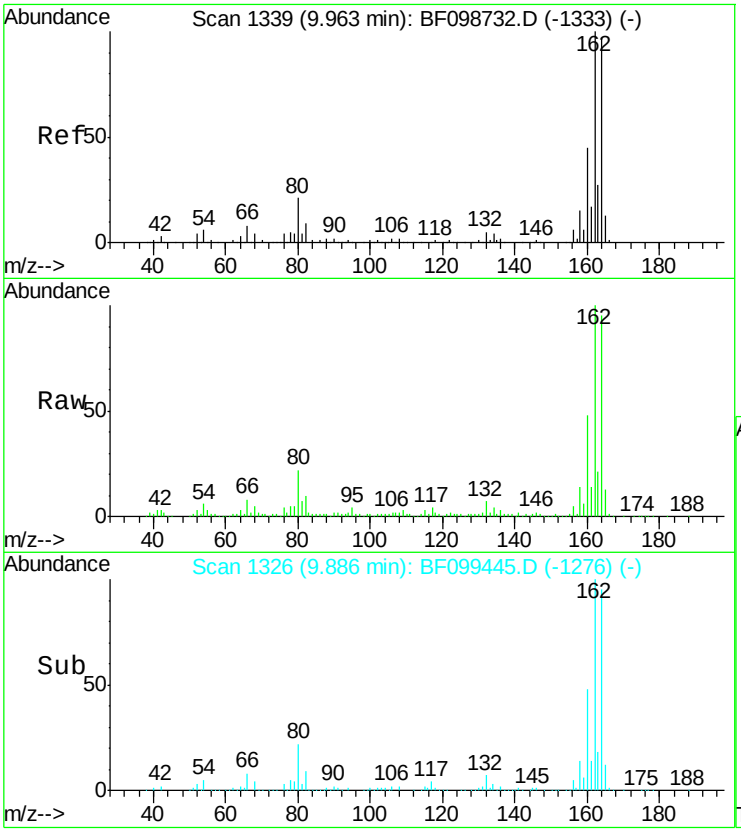


#37
2-Methylnaphthalene
Concen: 12.11 ng
RT: 8.95 min Scan# 1166
Delta R.T. 0.10 min
Lab File: BF099445.D
Acq: 13 Oct 2017 17:52

Tgt Ion:142 Resp: 144161

Ion	Ratio	Lower	Upper
142	100		
141	93.9	70.8	106.2
115	33.9	26.1	39.1



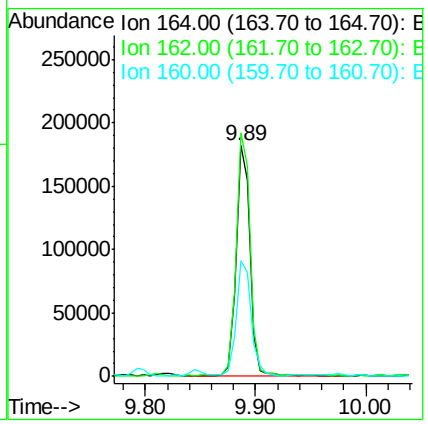


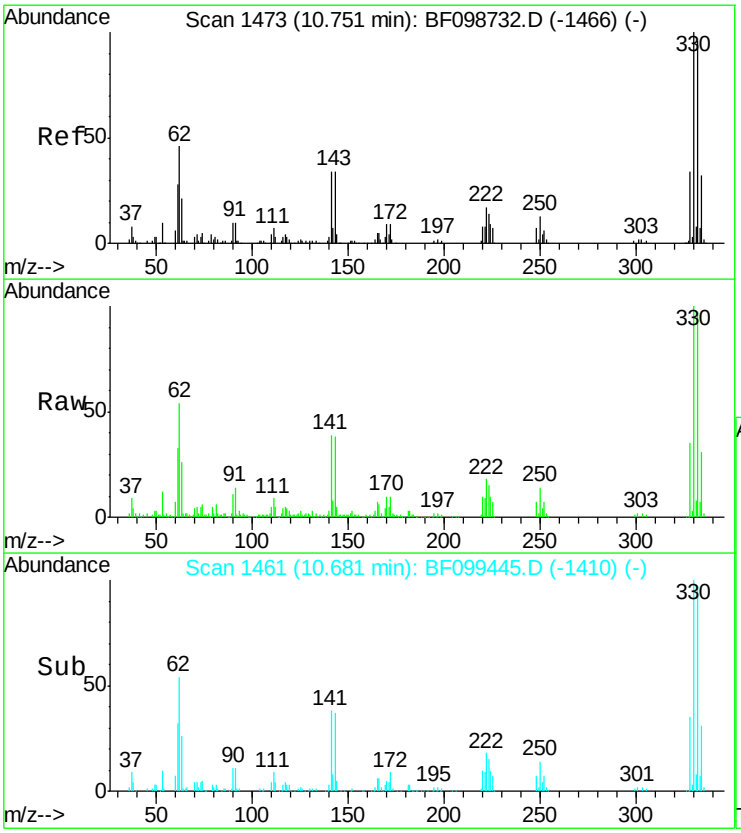
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF099445.D
Acq: 13 Oct 2017 17:52

Instrument :
BNA_F
ClientSampleId :
MW-16

Tgt Ion:164 Resp: 159210

Ion	Ratio	Lower	Upper
164	100		
162	105.5	86.1	129.1
160	50.2	38.3	57.5

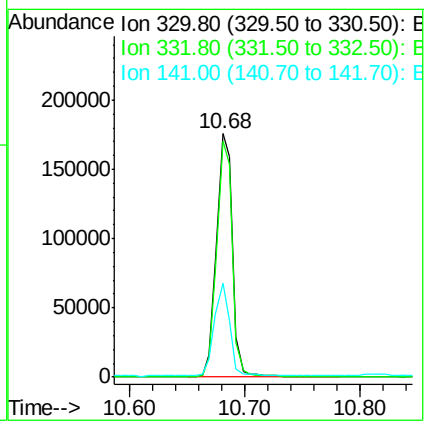


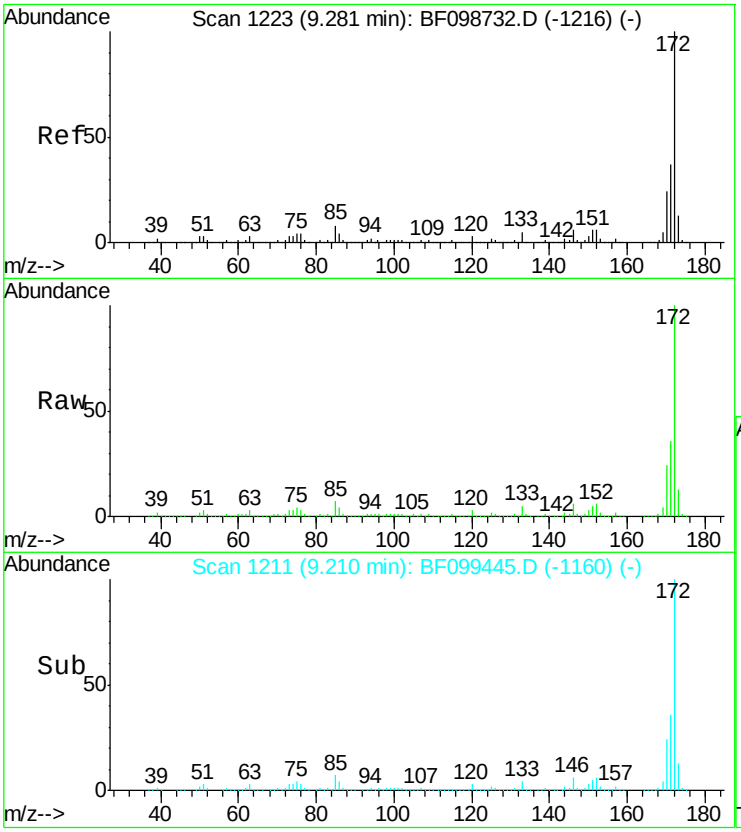


#41
2,4,6-Tribromophenol
Concen: 129.82 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.00 min
Lab File: BF099445.D
Acq: 13 Oct 2017 17:52

Tgt Ion:330 Resp: 169120

Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	37.0	29.9	44.9



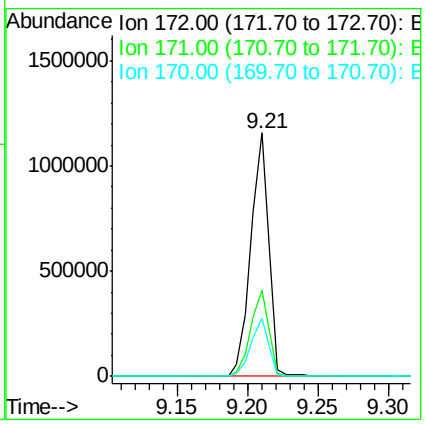


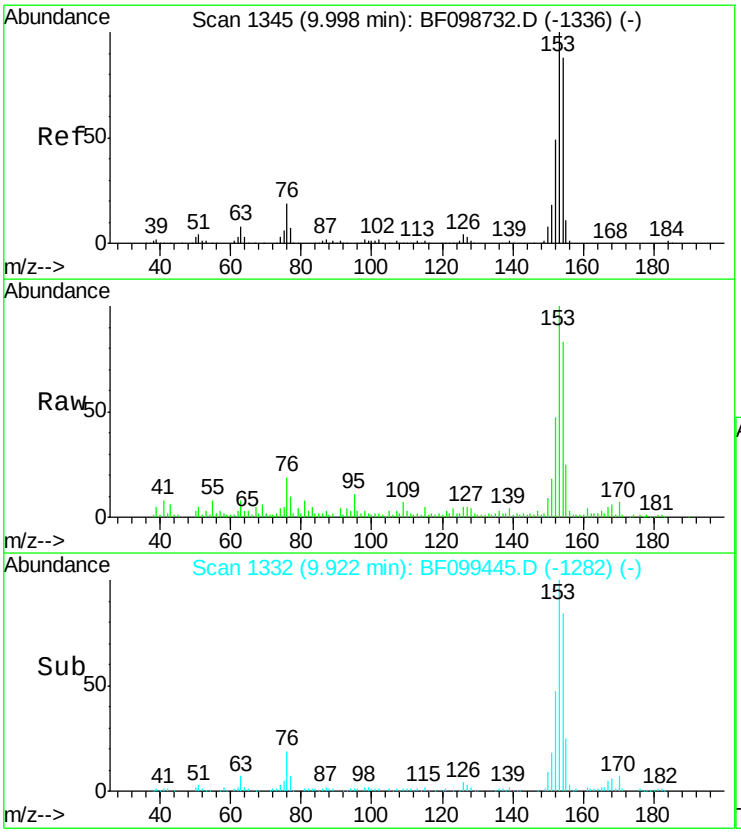
#44
2-Fluorobiphenyl
Concen: 109.04 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF099445.D
Acq: 13 Oct 2017 17:52

Instrument :
BNA_F
ClientSampleId :
MW-16

Tgt Ion:172 Resp: 1039856

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.9	19.6	29.4

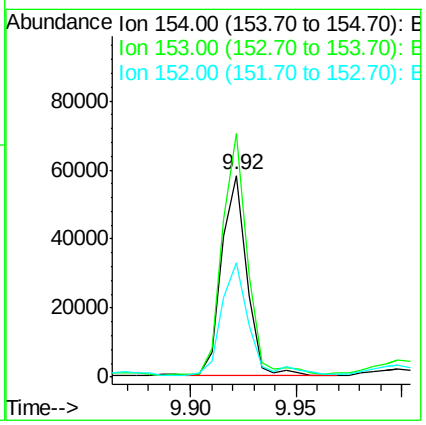


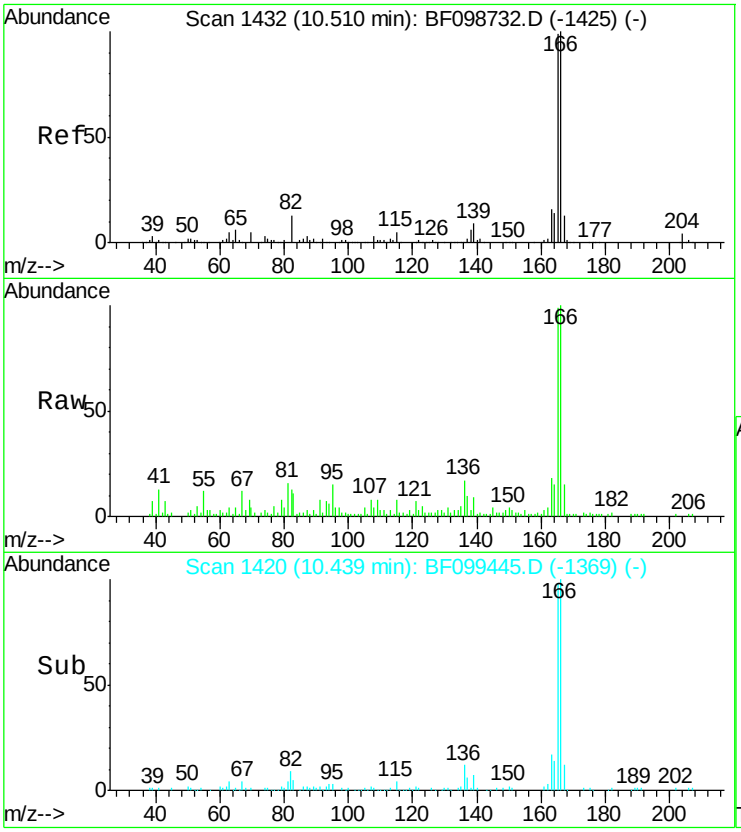


#51
Acenaphthene
Concen: 4.77 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF099445.D
Acq: 13 Oct 2017 17:52

Tgt Ion:154 Resp: 47495

Ion	Ratio	Lower	Upper
154	100		
153	120.6	91.2	136.8
152	56.5	43.8	65.8



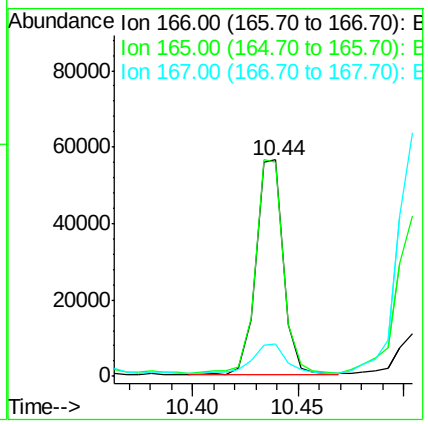


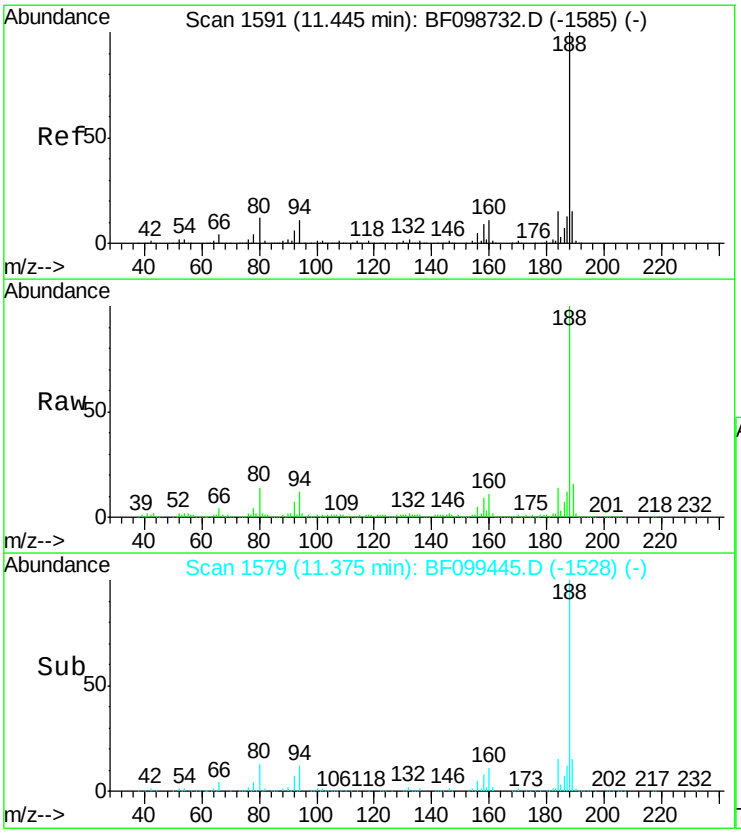
#57
Fluorene
Concen: 4.74 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.00 min
Lab File: BF099445.D
Acq: 13 Oct 2017 17:52

Instrument :
BNA_F
ClientSampleId :
MW-16

Tgt Ion:166 Resp: 50569

Ion	Ratio	Lower	Upper
166	100		
165	99.1	79.8	119.8
167	14.8	10.6	16.0

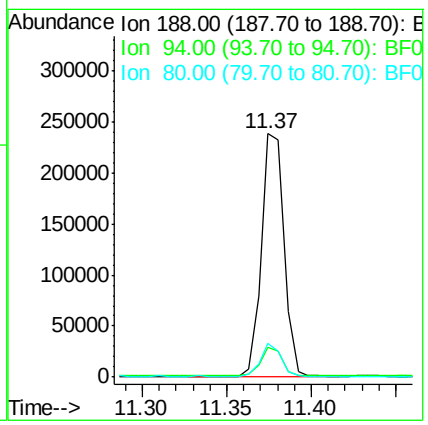


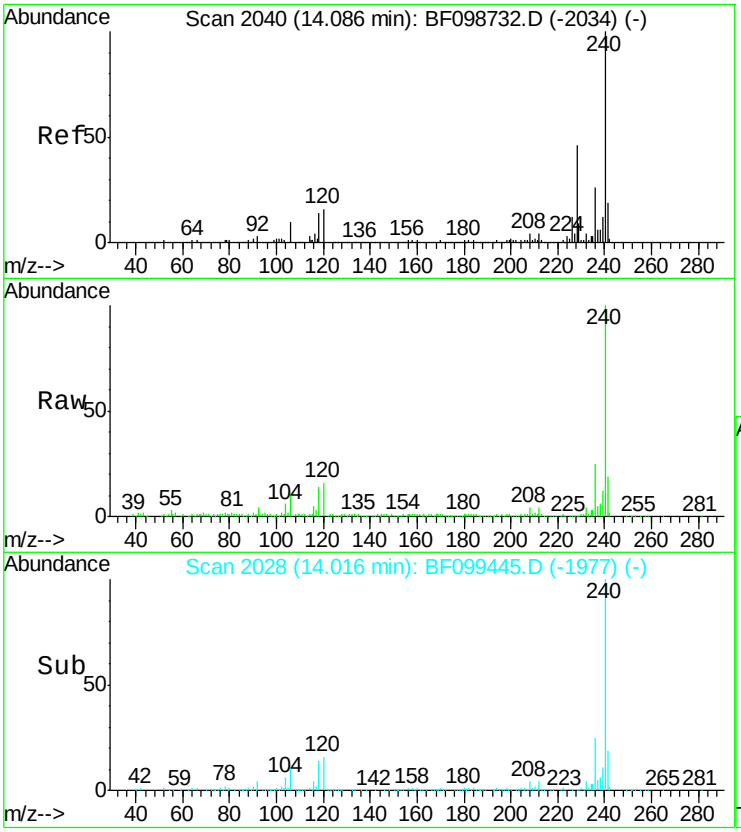


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF099445.D
Acq: 13 Oct 2017 17:52

Tgt Ion:188 Resp: 224715

Ion	Ratio	Lower	Upper
188	100		
94	12.2	8.5	12.7
80	13.6	9.2	13.8



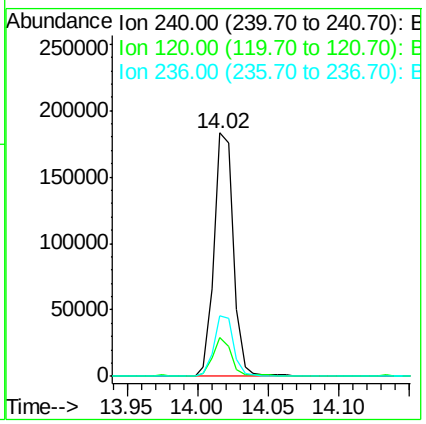


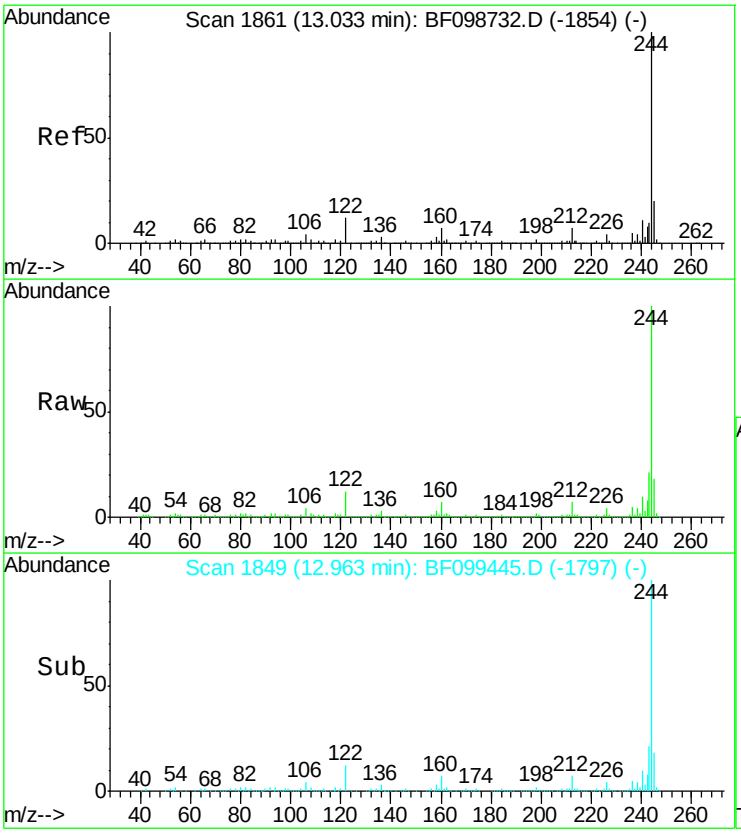
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BF099445.D
Acq: 13 Oct 2017 17:52

Instrument :
BNA_F
ClientSampleId :
MW-16

Tgt Ion:240 Resp: 176827

Ion	Ratio	Lower	Upper
240	100		
120	15.9	9.5	14.3#
236	25.0	20.7	31.1

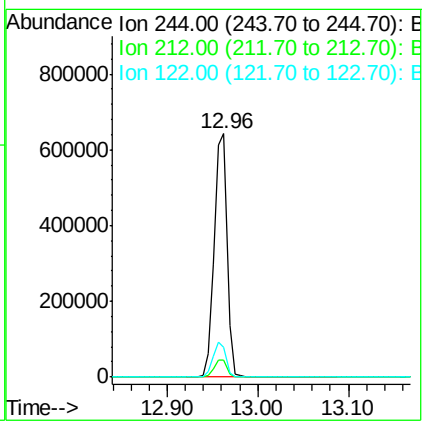


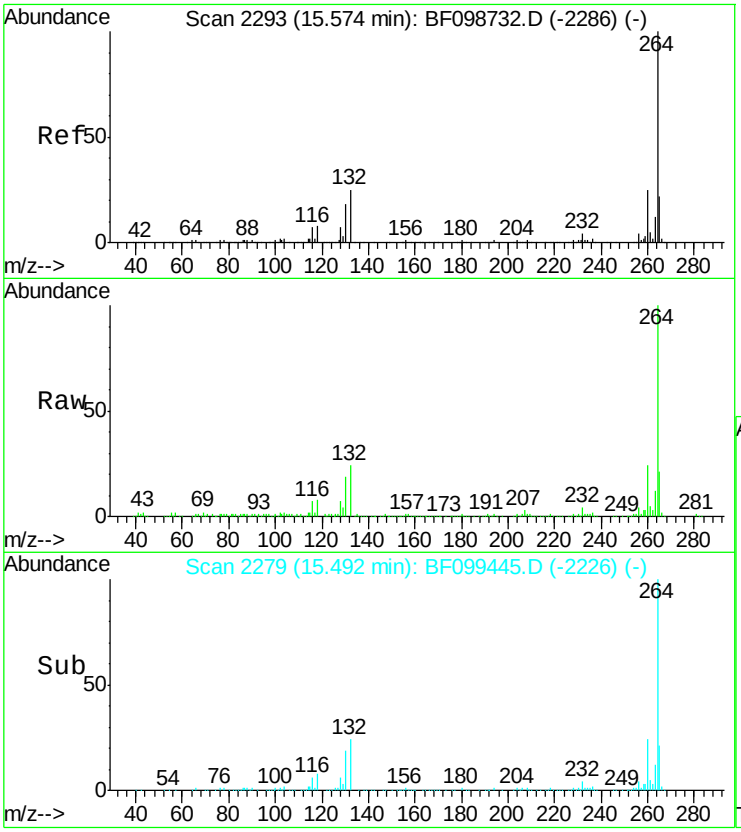


#78
Terphenyl-d14
Concen: 80.80 ng
RT: 12.96 min Scan# 1849
Delta R.T. 0.01 min
Lab File: BF099445.D
Acq: 13 Oct 2017 17:52

Tgt Ion:244 Resp: 628263

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.0	11.0	16.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.01 min
Lab File: BF099445.D
Acq: 13 Oct 2017 17:52

Instrument :
BNA_F
ClientSampleId :
MW-16

Tgt Ion:264 Resp: 195666

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.0	17.5	26.3