Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
Data File : BF109311.D
Acq On : 26 Sep 2018 2:59
Operator : JU/SJ
Sample : J5055-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MAN-HOLE

Quant Time: Sep 26 08:29:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	112760	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	403851	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	161056	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	251685	20.00	ng		0.00
75) Chrysene-d12	13.85	240	226064	20.00	ng		0.00
86) Perylene-d12	15.24	264	171375	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	655747	95.78	ng		0.00
7) Phenol-d6	6.35	99	902262	103.28	ng		0.00
23) Nitrobenzene-d5	7.27	82	553778	80.95	ng		-0.01
41) 2,4,6-Tribromophenol	10.53	330	126336	79.57	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	960080	89.91	ng		0.00
78) Terphenyl-d14	12.80	244	718416	77.99	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.36	94	26619	2.691	ng		91
49) Dimethylphthalate	9.46	163	187886	16.039	ng	#	97
70) Phenanthrene	11.24	178	65903	5.244	ng	#	94
71) Anthracene	11.24	178	65903	5.171	ng	#	93

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

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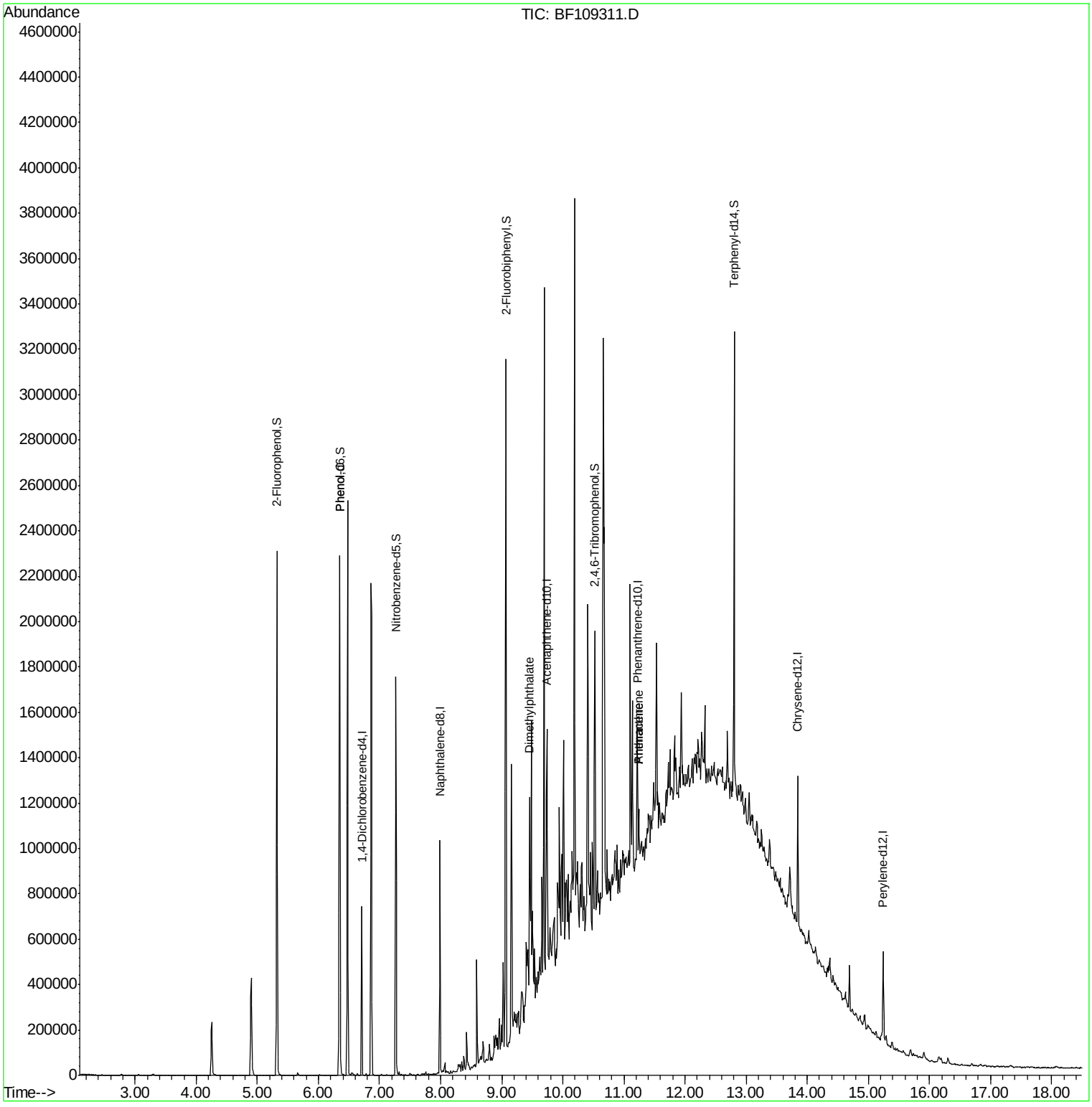
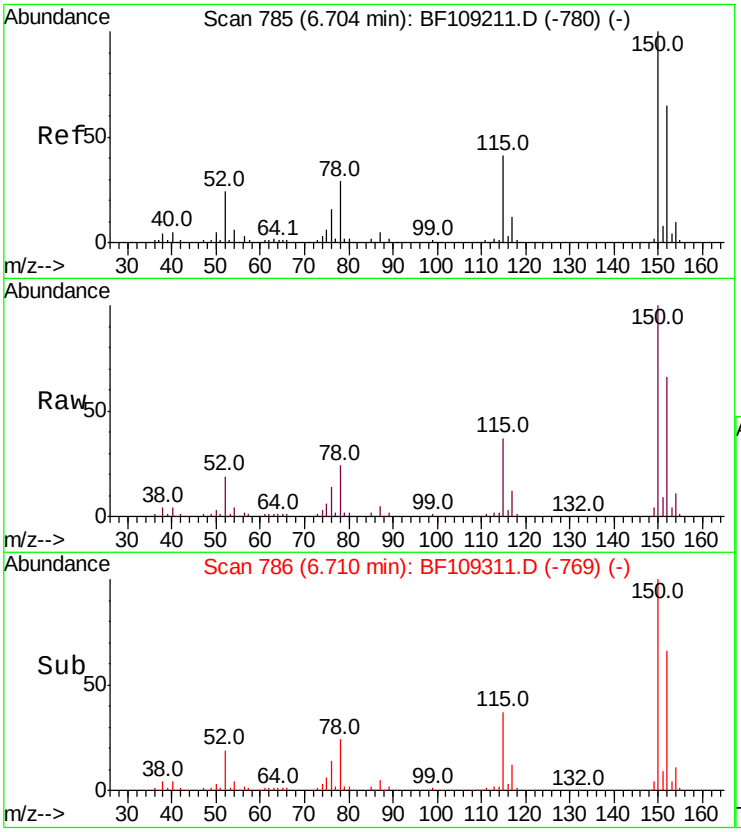


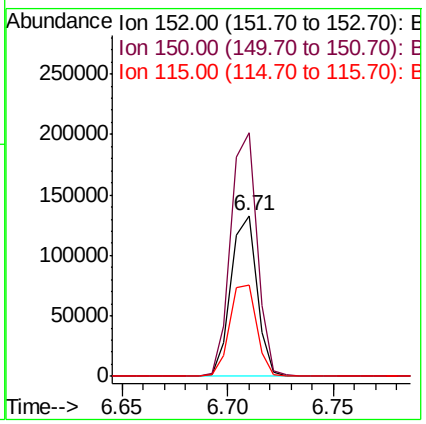


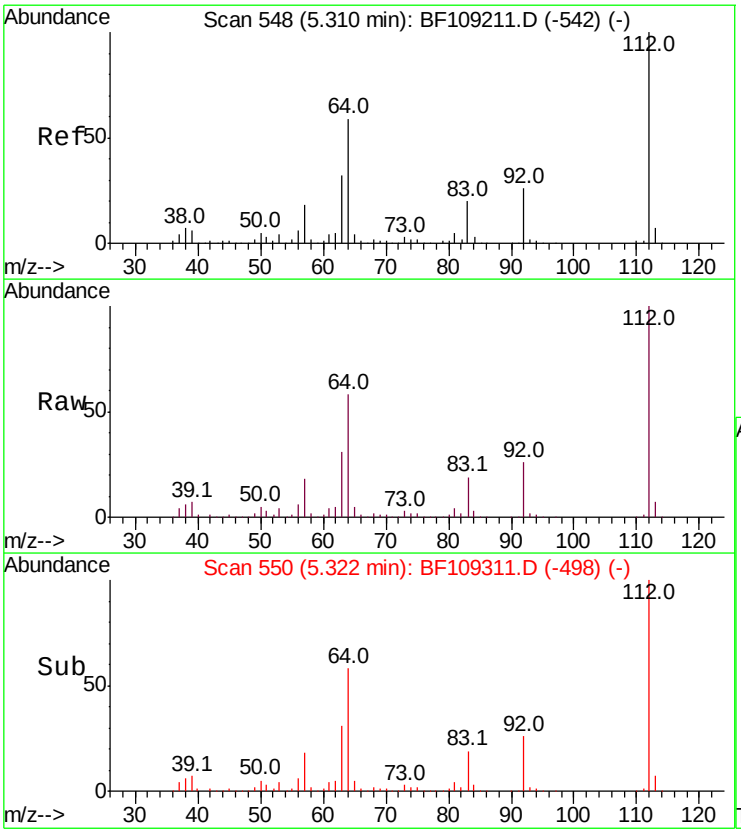
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF109311.D
Acq: 26 Sep 2018 2:59

Instrument :
BNA_F
ClientSampleId :
MAN-HOLE

Tgt Ion:152 Resp: 112760

Ion	Ratio	Lower	Upper
152	100		
150	151.8	124.6	186.8
115	56.5	50.1	75.1

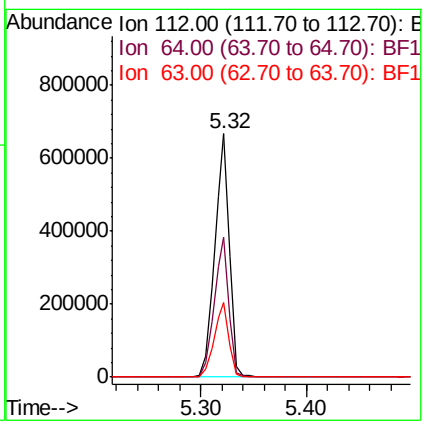


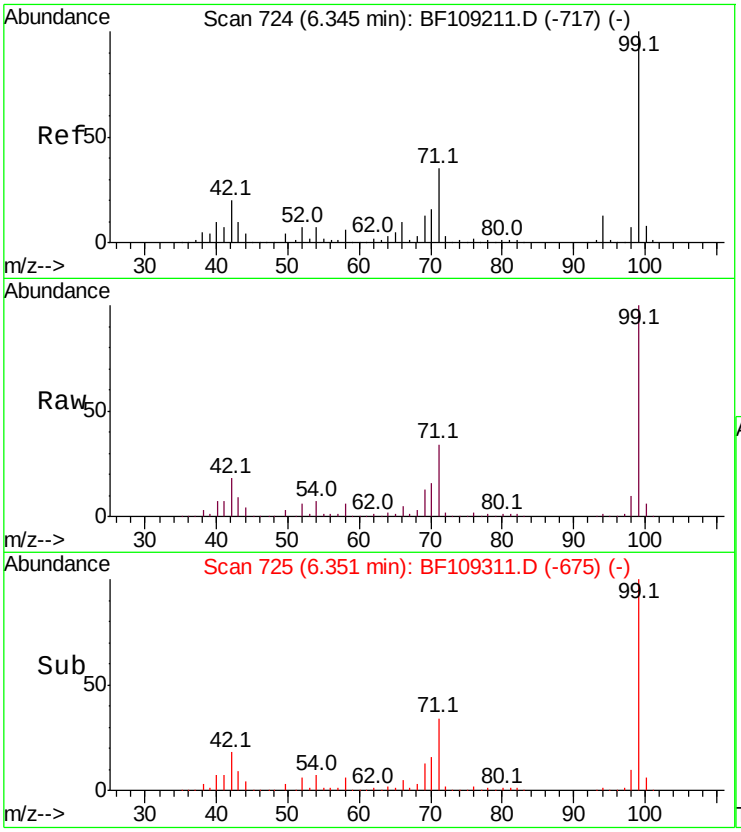


#5
2-Fluorophenol
Concen: 95.784 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF109311.D
Acq: 26 Sep 2018 2:59

Tgt Ion:112 Resp: 655747

Ion	Ratio	Lower	Upper
112	100		
64	57.6	47.9	71.9
63	30.7	23.7	35.5



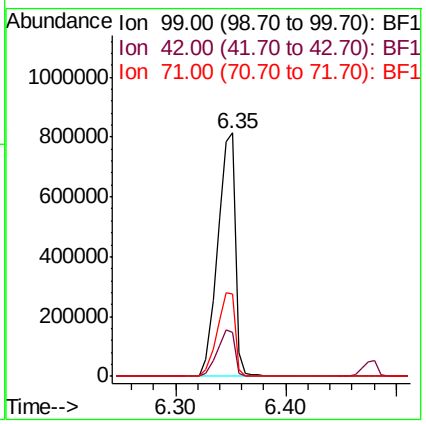


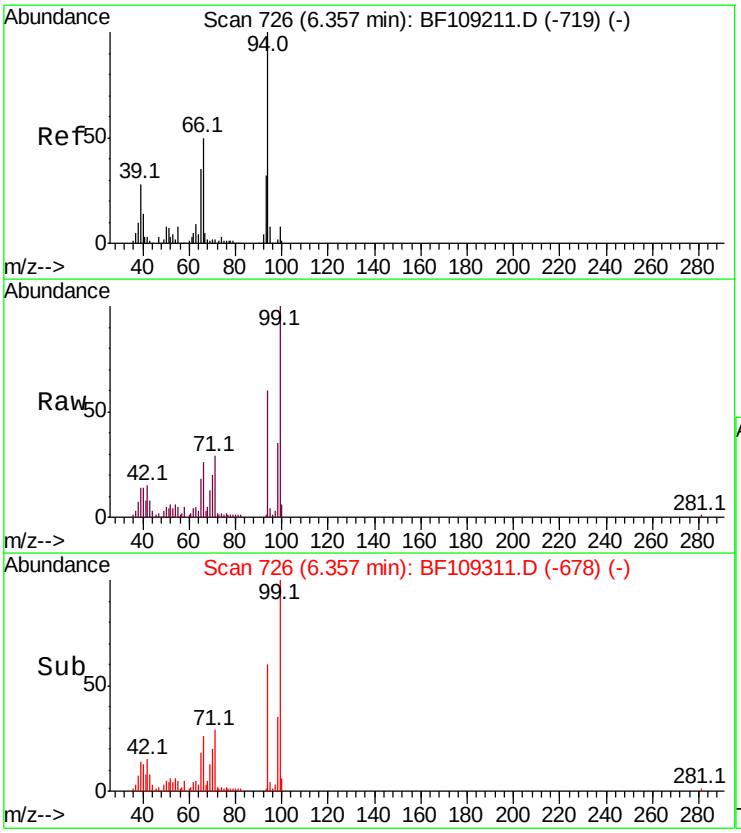
#7
Phenol-d6
Concen: 103.283 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF109311.D
Acq: 26 Sep 2018 2:59

Instrument :
BNA_F
ClientSampleId :
MAN-HOLE

Tgt Ion: 99 Resp: 902262

Ion	Ratio	Lower	Upper
99	100		
42	18.0	14.5	21.7
71	34.1	25.4	38.0

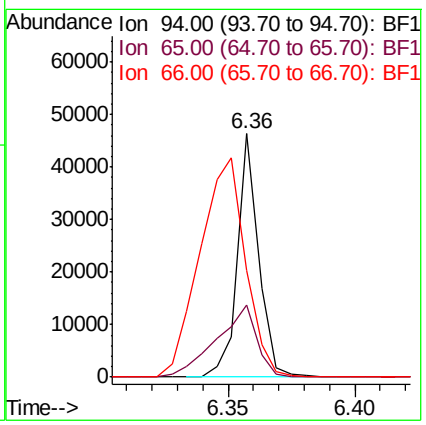


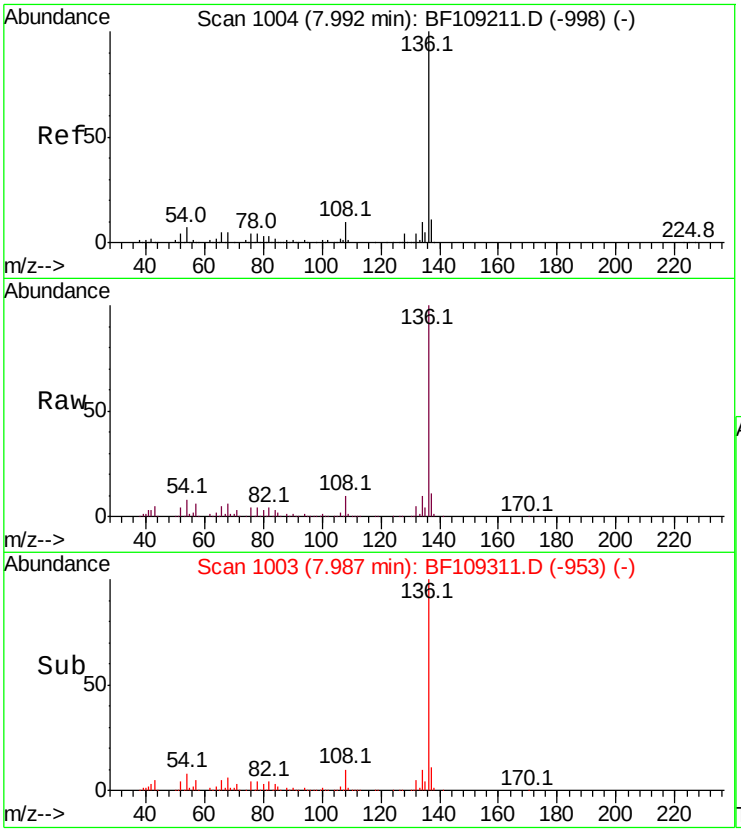


#10
Phenol
Concen: 2.691 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.02 min
Lab File: BF109311.D
Acq: 26 Sep 2018 2:59

Tgt Ion: 94 Resp: 26619

Ion	Ratio	Lower	Upper
94	100		
65	29.6	7.9	47.9
66	43.6	16.2	56.2



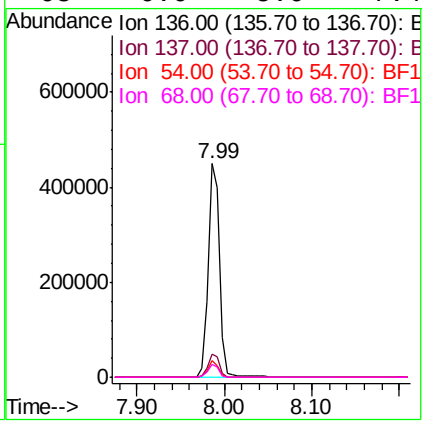


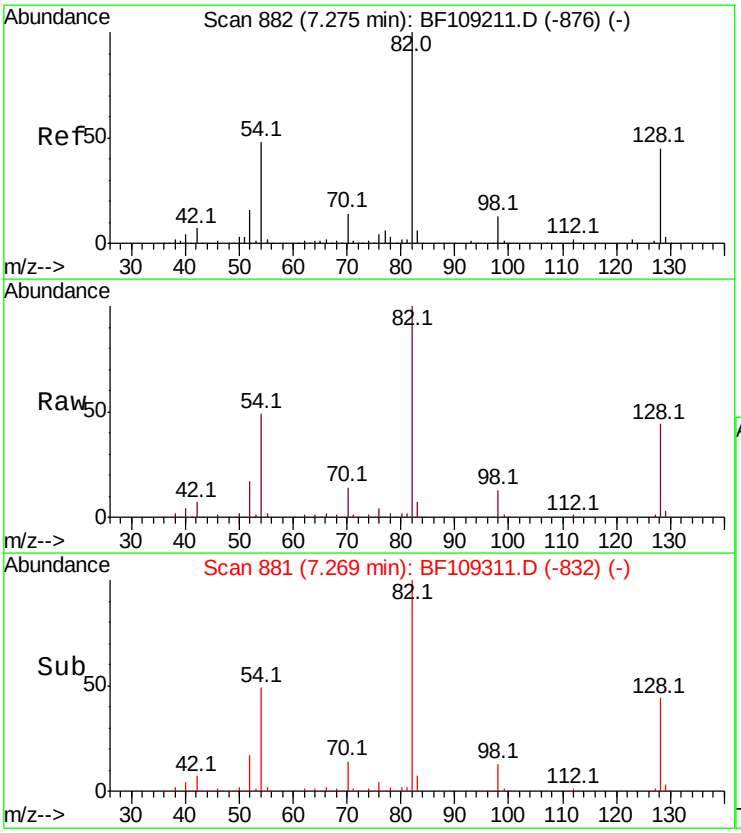
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109311.D
Acq: 26 Sep 2018 2:59

Instrument :
BNA_F
ClientSampleId :
MAN-HOLE

Tgt Ion:136 Resp: 403851

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.0	6.6	9.8
68	6.0	5.0	7.4

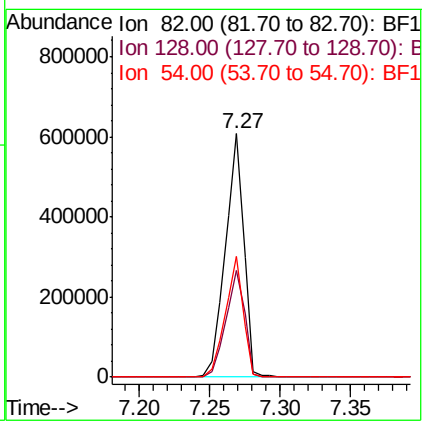


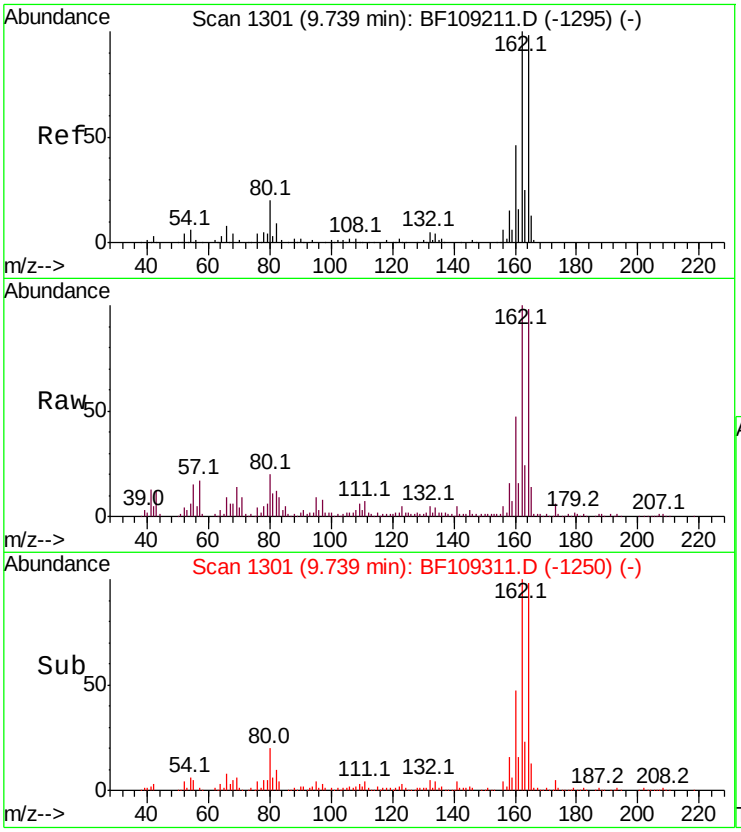


#23
Nitrobenzene-d5
Concen: 80.947 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109311.D
Acq: 26 Sep 2018 2:59

Tgt Ion: 82 Resp: 553778

Ion	Ratio	Lower	Upper
82	100		
128	43.8	36.1	54.1
54	49.4	41.4	62.2



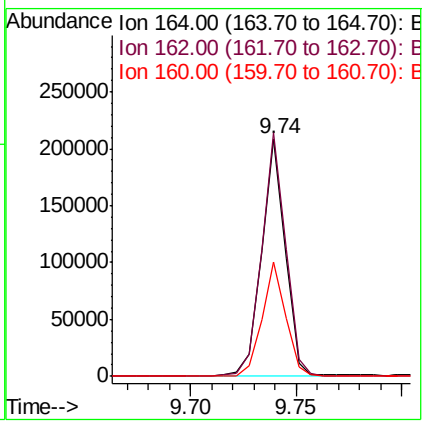


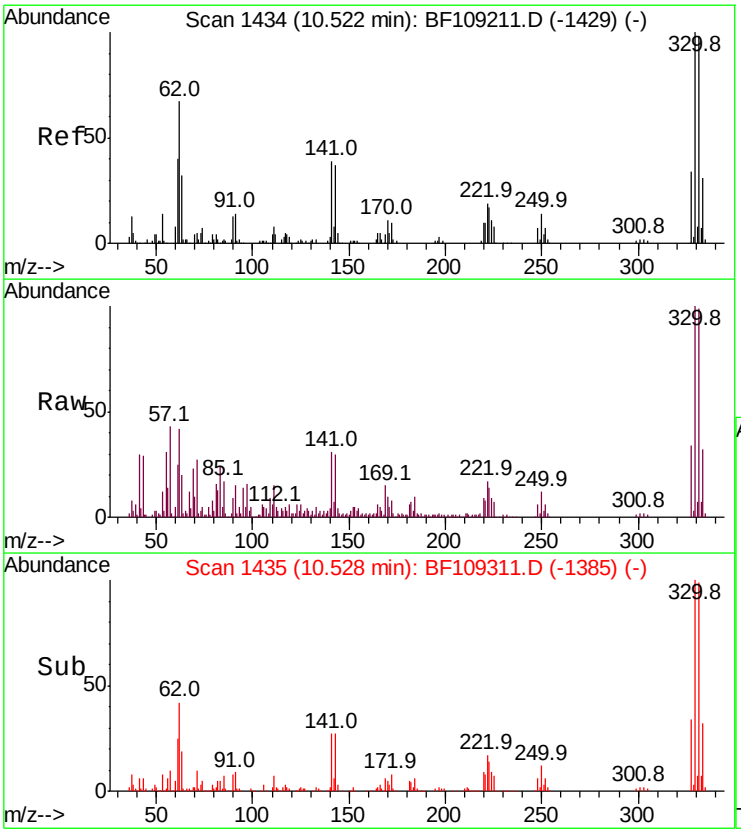
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF109311.D
Acq: 26 Sep 2018 2:59

Instrument :
BNA_F
ClientSampleId :
MAN-HOLE

Tgt Ion:164 Resp: 161056

Ion	Ratio	Lower	Upper
164	100		
162	102.5	86.1	129.1
160	47.9	38.3	57.5

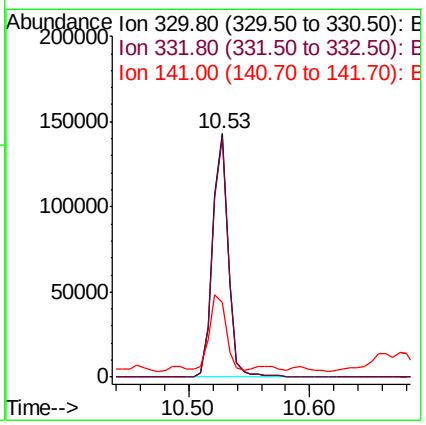


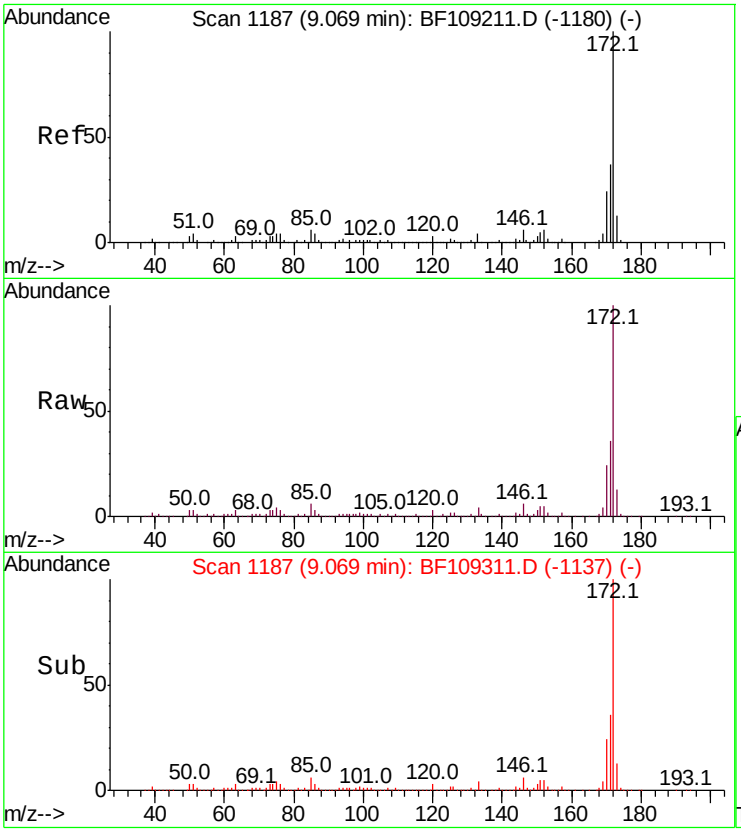


#41
2,4,6-Tribromophenol
Concen: 79.573 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF109311.D
Acq: 26 Sep 2018 2:59

Tgt Ion:330 Resp: 126336

Ion	Ratio	Lower	Upper
330	100		
332	98.4	77.0	115.6
141	32.6	29.9	44.9



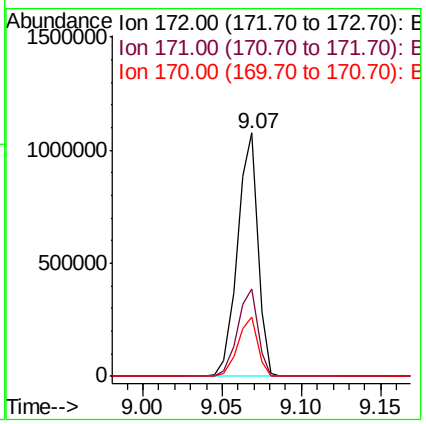


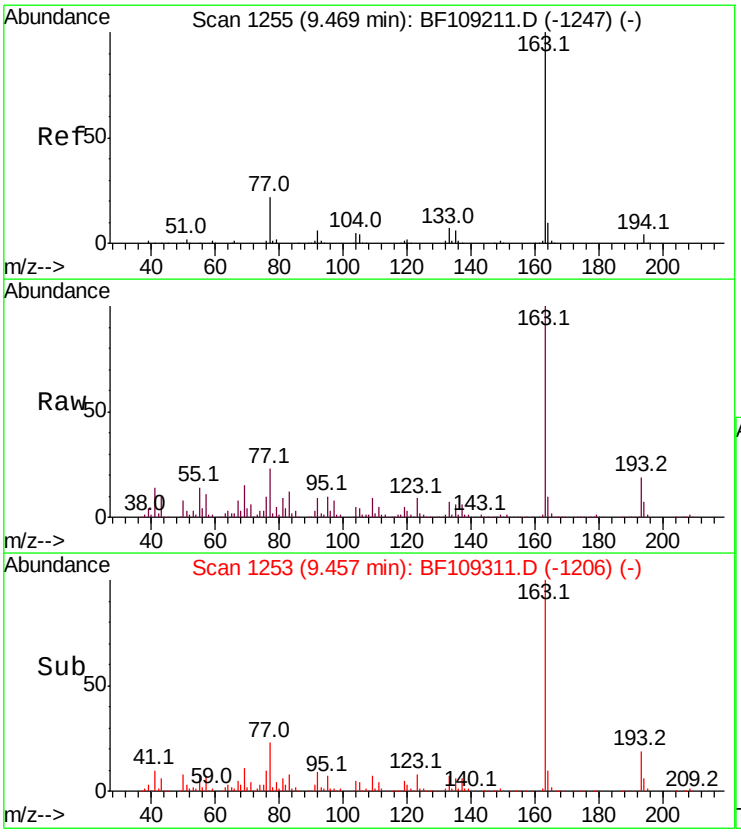
#44
2-Fluorobiphenyl
Concen: 89.906 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF109311.D
Acq: 26 Sep 2018 2:59

Instrument :
BNA_F
ClientSampleId :
MAN-HOLE

Tgt Ion:172 Resp: 960080

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.1	19.6	29.4

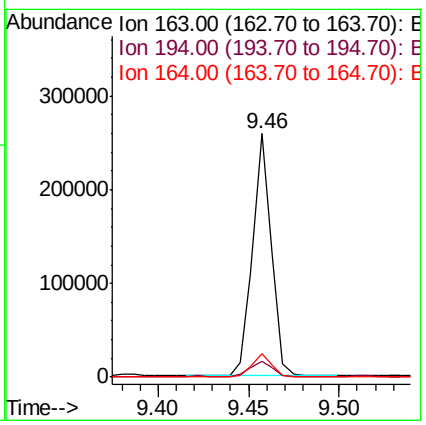


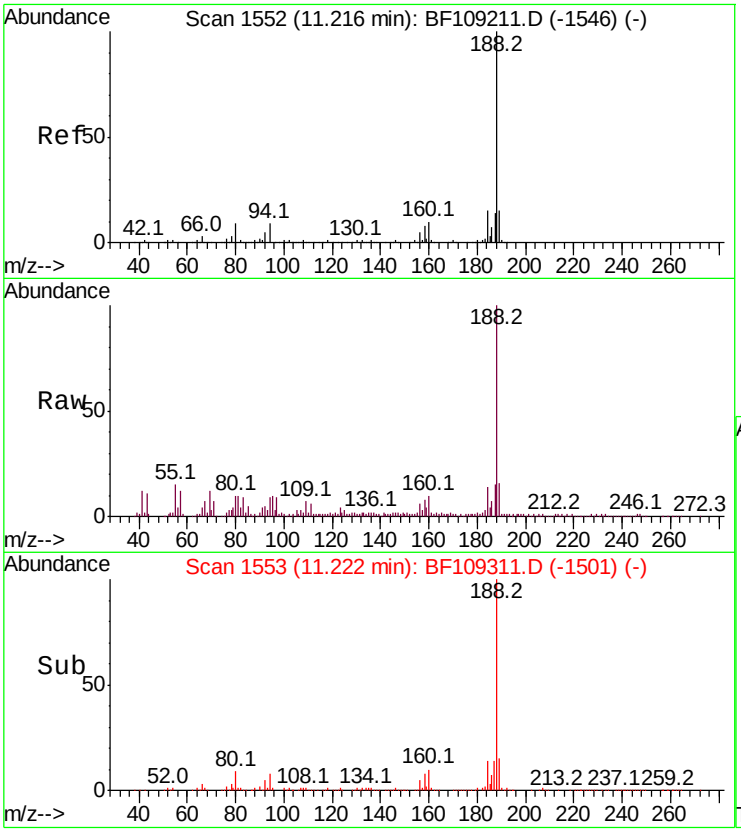


#49
Dimethylphthalate
Concen: 16.039 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109311.D
Acq: 26 Sep 2018 2:59

Tgt Ion:163 Resp: 187886

Ion	Ratio	Lower	Upper
163	100		
194	6.5	2.7	4.1#
164	9.9	8.2	12.2



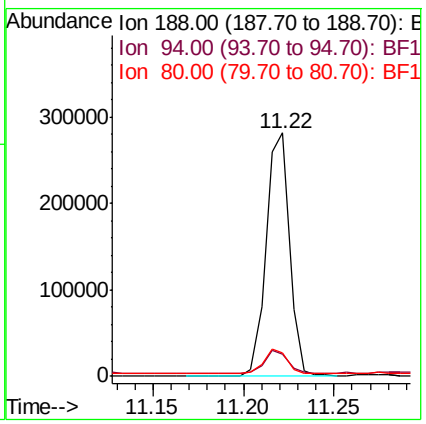


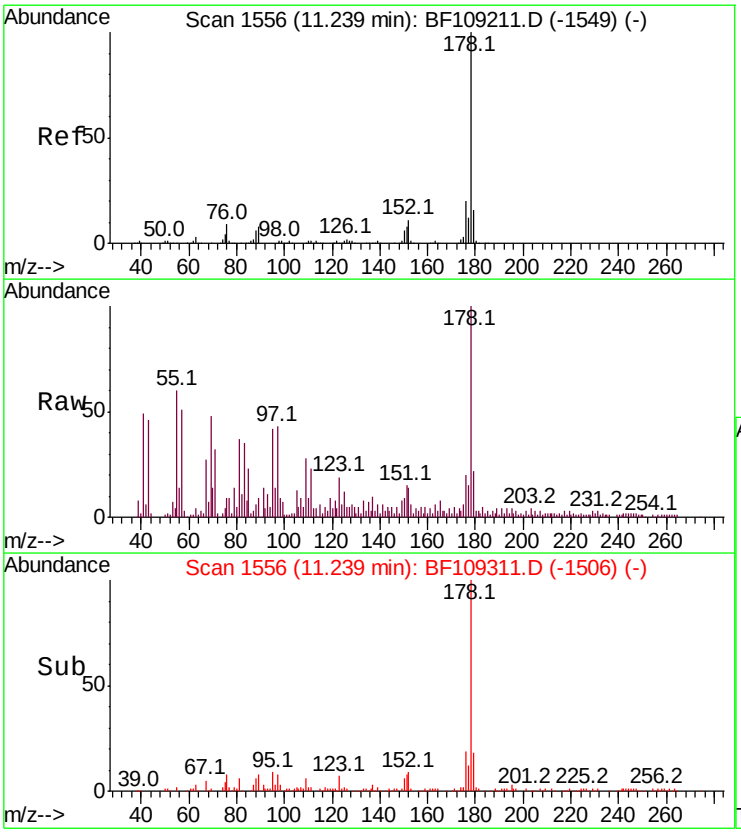
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.01 min
Lab File: BF109311.D
Acq: 26 Sep 2018 2:59

Instrument :
BNA_F
ClientSampleId :
MAN-HOLE

Tgt Ion:188 Resp: 251685

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	9.8	9.2	13.8

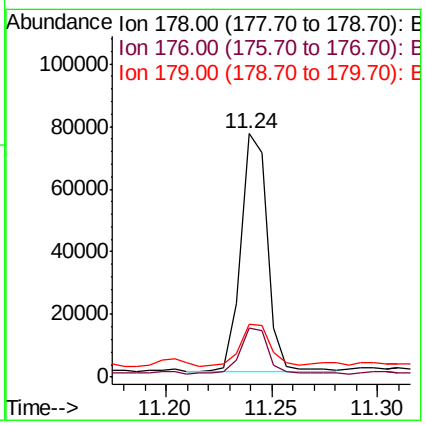


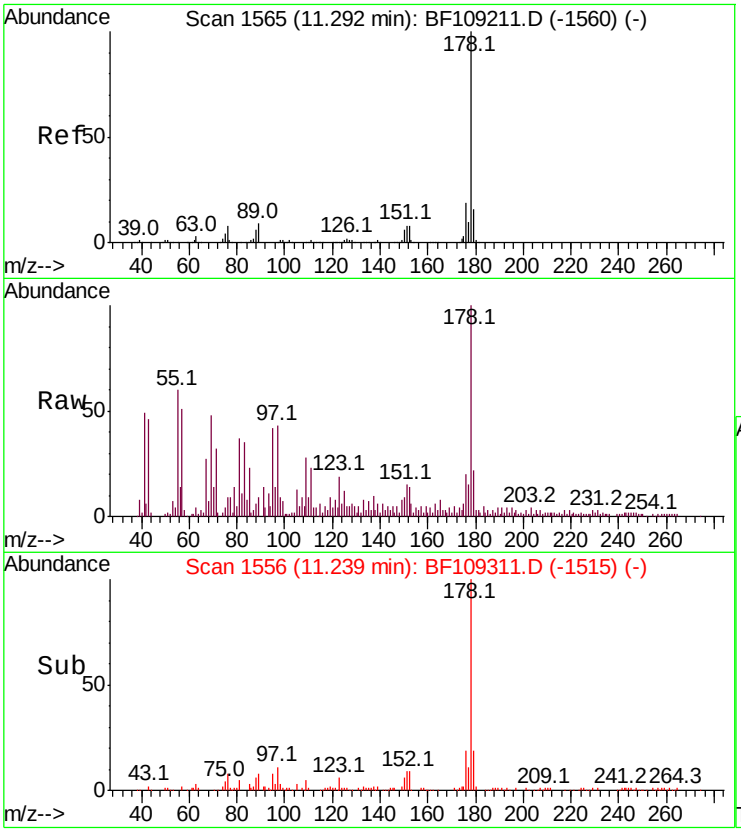


#70
Phenanthrene
Concen: 5.244 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF109311.D
Acq: 26 Sep 2018 2:59

Tgt Ion:178 Resp: 65903

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	21.9	13.0	19.6#



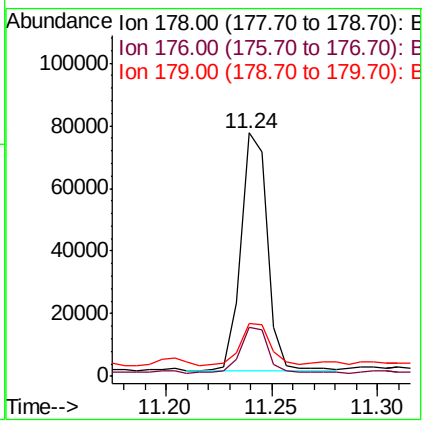


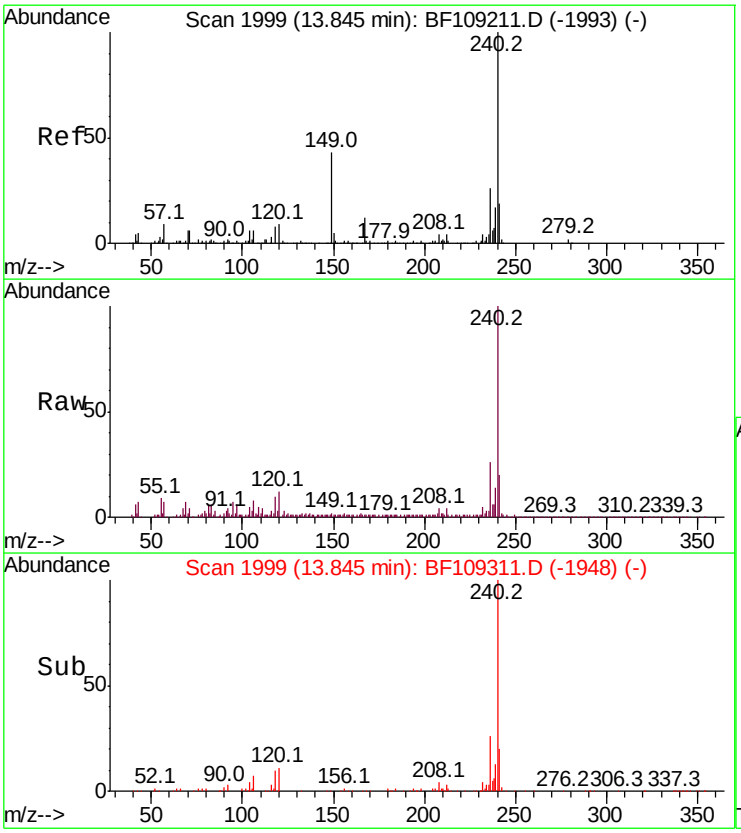
#71
Anthracene
Concen: 5.171 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.06 min
Lab File: BF109311.D
Acq: 26 Sep 2018 2:59

Instrument :
BNA_F
ClientSampleId :
MAN-HOLE

Tgt Ion:178 Resp: 65903

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.4	23.2
179	21.9	12.6	19.0#

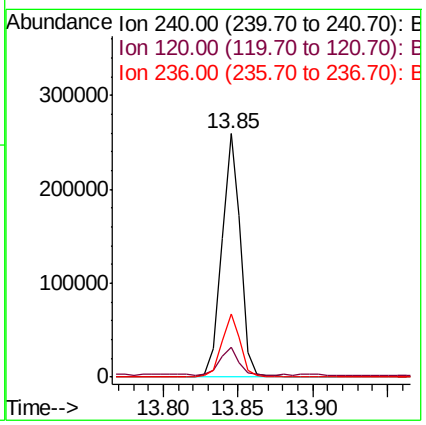


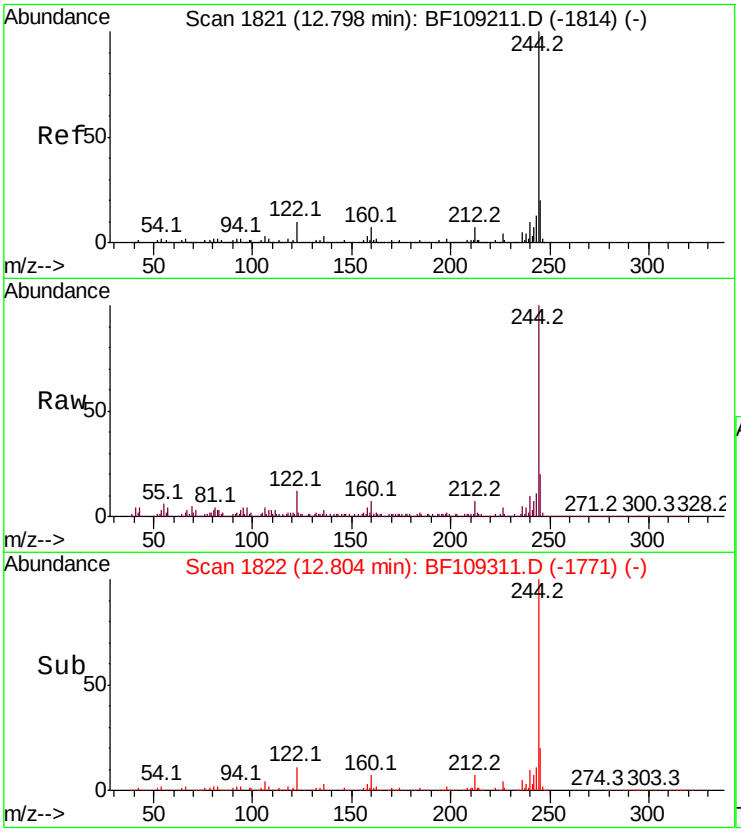


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BF109311.D
Acq: 26 Sep 2018 2:59

Tgt Ion:240 Resp: 226064

Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.5	14.3
236	25.9	20.7	31.1



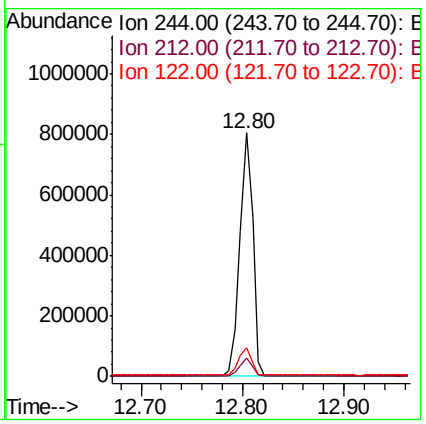


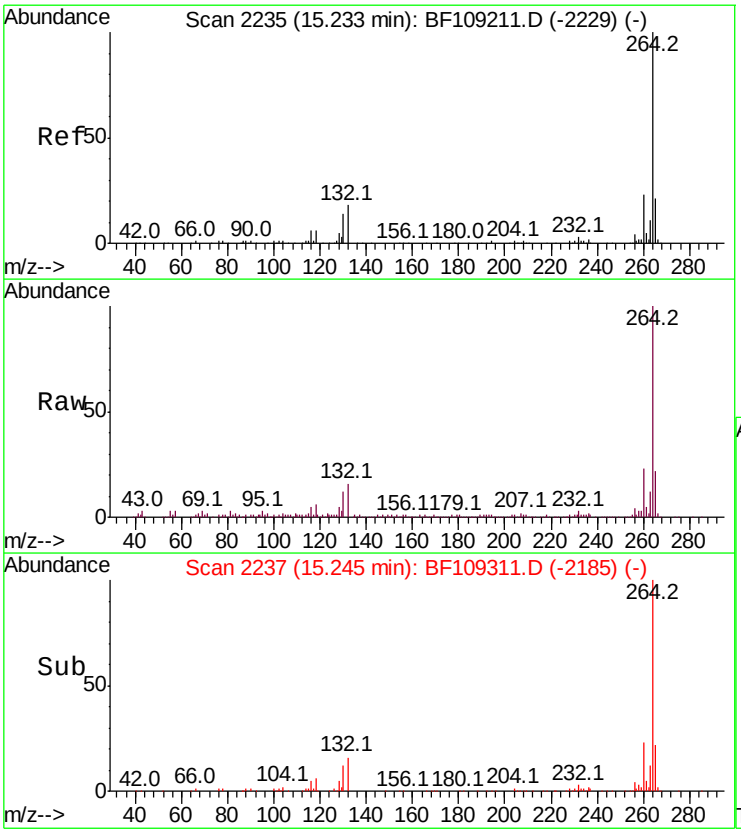
#78
Terphenyl-d14
Concen: 77.992 ng
RT: 12.80 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BF109311.D
Acq: 26 Sep 2018 2:59

Instrument :
BNA_F
ClientSampleId :
MAN-HOLE

Tgt Ion:244 Resp: 718416

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.0
122	12.0	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF109311.D
Acq: 26 Sep 2018 2:59

Tgt Ion:264 Resp: 171375

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.9	17.5	26.3