Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071318\
Data File : BF107386.D
Acq On : 14 Jul 2018 00:56
Operator : JU/SJ
Sample : J3961-03 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-2

Quant Time: Jul 16 11:37:21 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 13 11:54:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	37123	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	131651	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	50091	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	59025	20.00	ng	0.02
75) Chrysene-d12	14.15	240	118286	20.00	ng	0.01
86) Perylene-d12	15.68	264	93929	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	10469	4.78	ng	0.02
7) Phenol-d6	6.60	99	12924	4.72	ng	0.02
23) Nitrobenzene-d5	7.50	82	6377	2.69	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	2380	4.10	ng	0.02
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
78) Terphenyl-d14	13.08	244	19951	4.09	ng	0.02
Target Compounds						Qvalue
30) 1,2,4-Trichlorobenzene	8.15	180	4436	2.180	ng	94
37) 2-Methylnaphthalene	8.93	142	20639	5.059	ng	99
70) Phenanthrene	11.52	178	29746	10.449	ng	# 68

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

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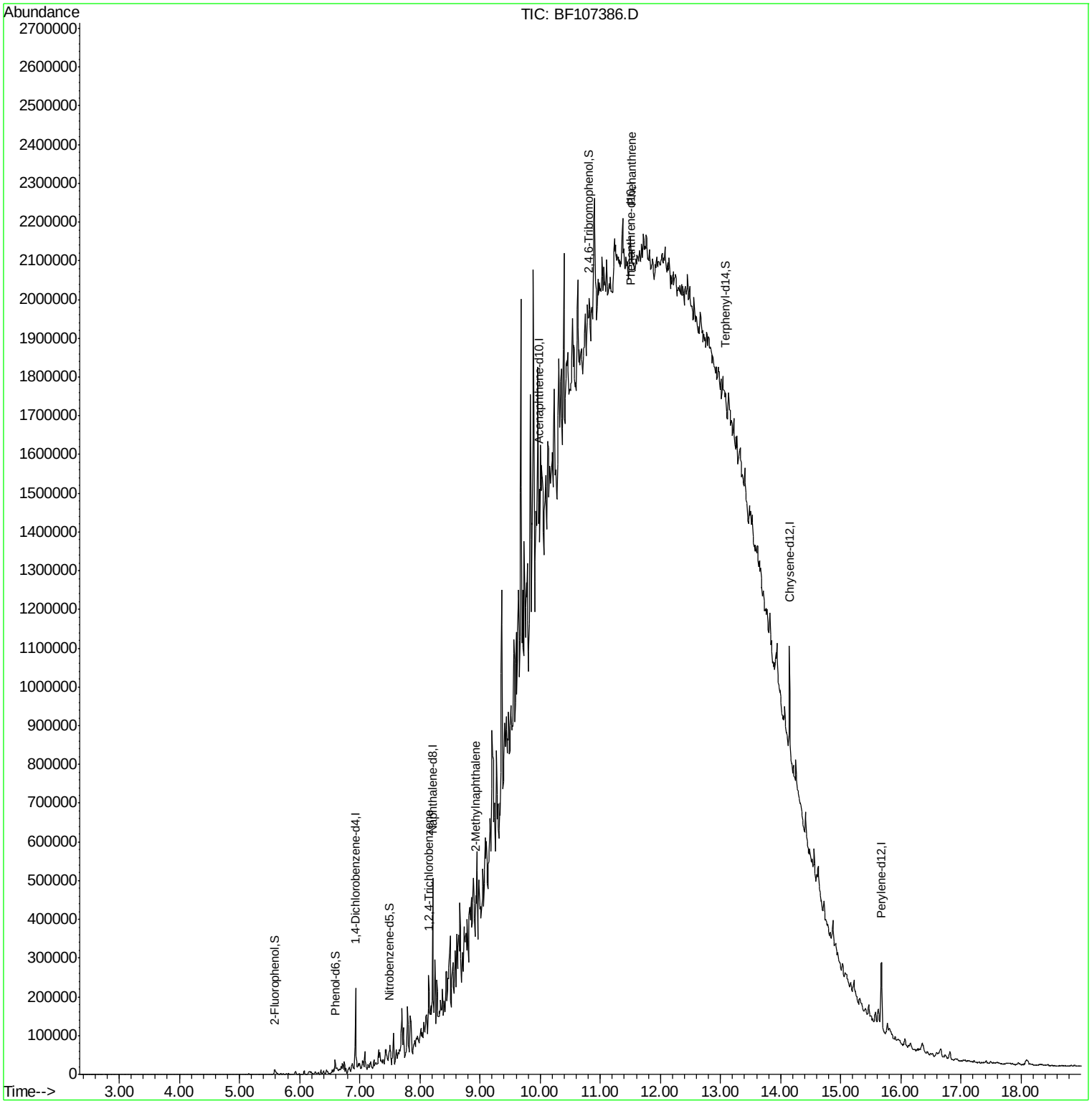
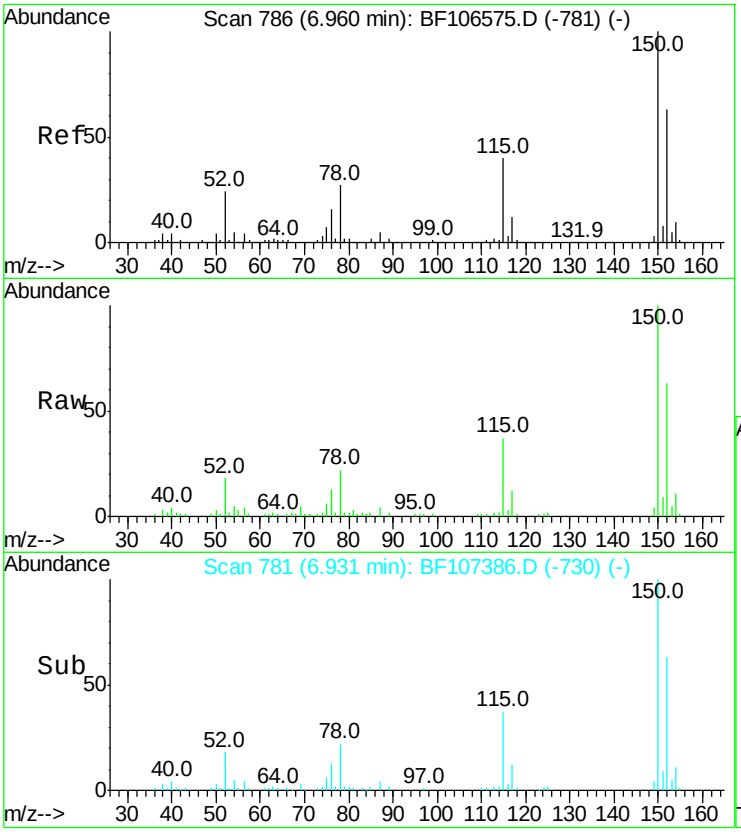


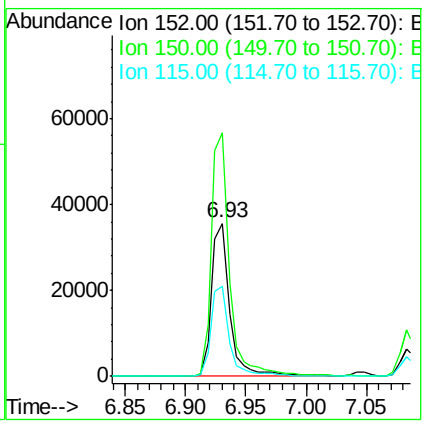


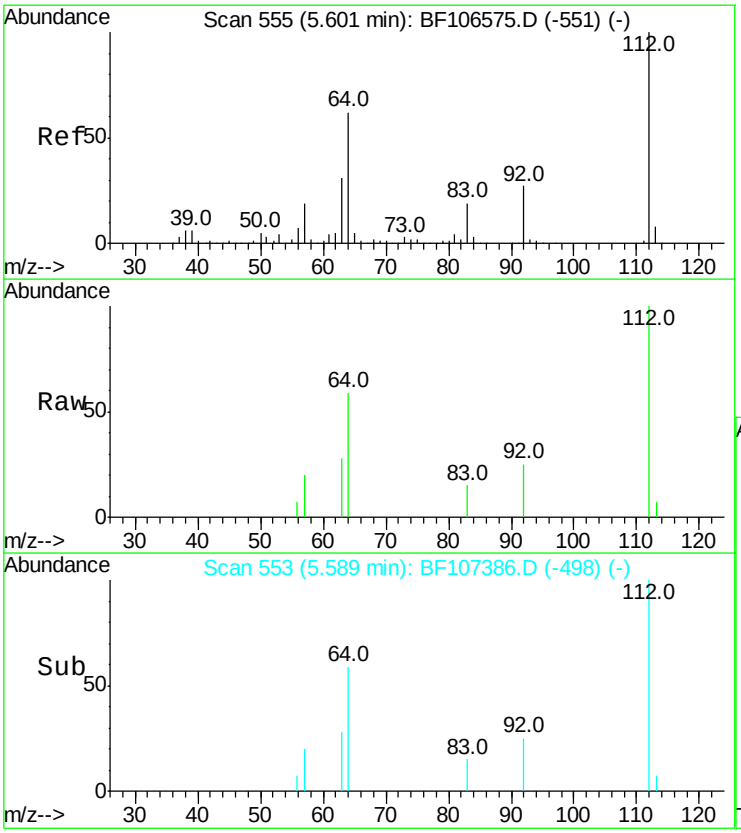
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 781
Delta R.T. -0.00 min
Lab File: BF107386.D
Acq: 14 Jul 2018 00:56

Instrument :
BNA_F
ClientSampleId :
DRUM-2

Tgt Ion:152 Resp: 37123

Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.6	186.8
115	58.6	50.1	75.1

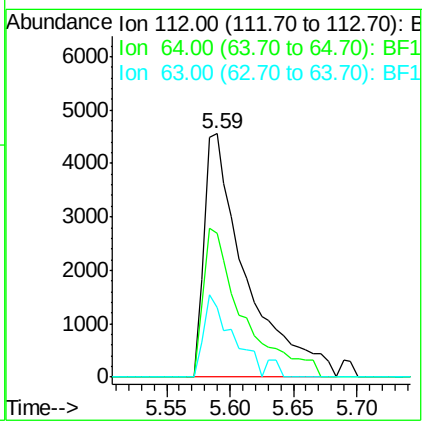


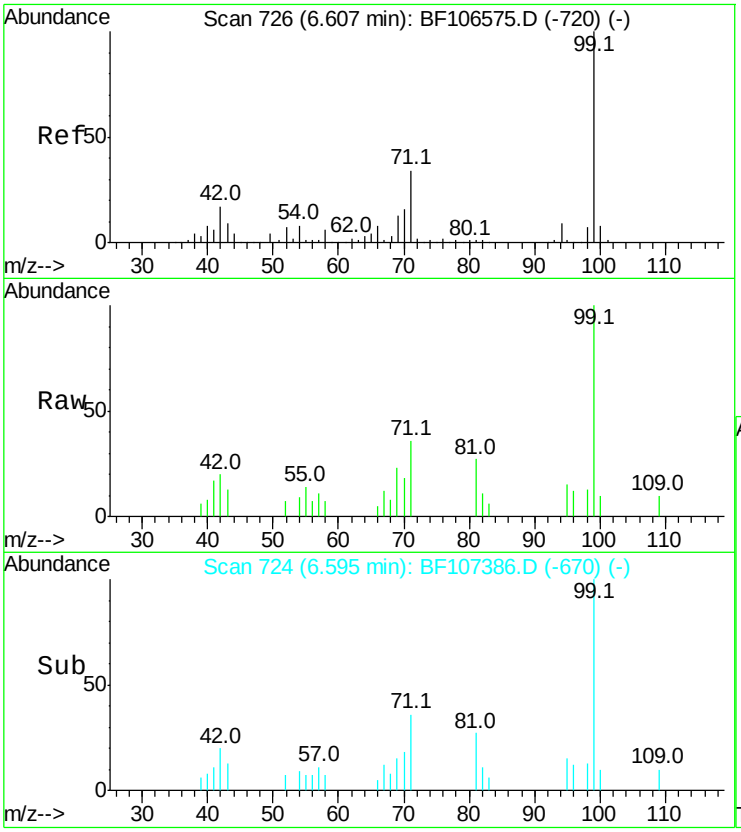


#5
2-Fluorophenol
Concen: 4.775 ng
RT: 5.59 min Scan# 553
Delta R.T. 0.02 min
Lab File: BF107386.D
Acq: 14 Jul 2018 00:56

Tgt Ion:112 Resp: 10469

Ion	Ratio	Lower	Upper
112	100		
64	59.0	47.9	71.9
63	28.5	23.7	35.5



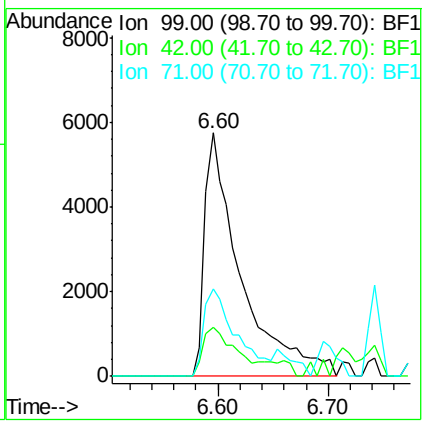


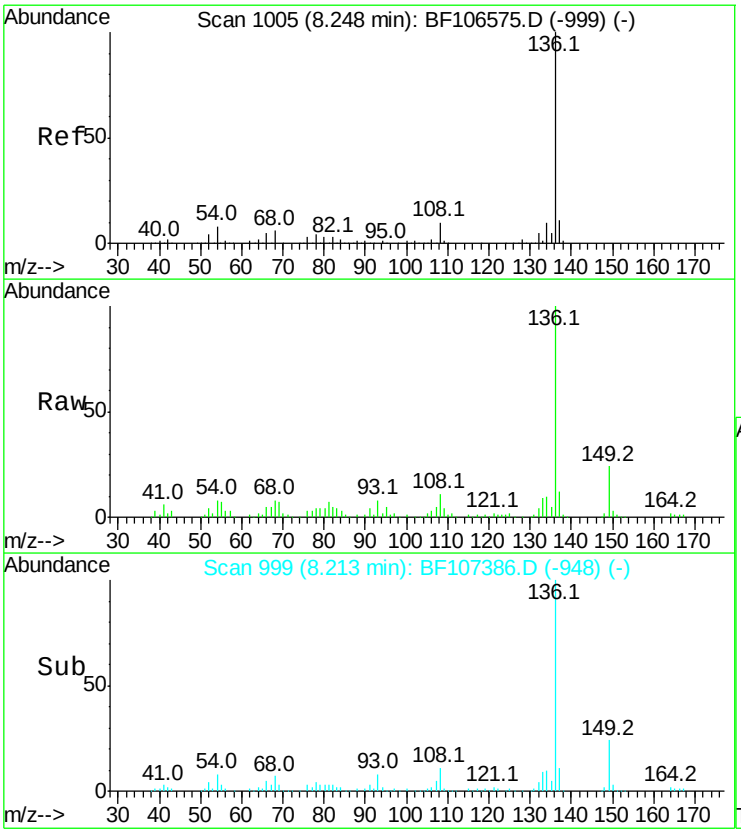
#7
Phenol-d6
Concen: 4.721 ng
RT: 6.60 min Scan# 724
Delta R.T. 0.02 min
Lab File: BF107386.D
Acq: 14 Jul 2018 00:56

Instrument :
BNA_F
ClientSampleId :
DRUM-2

Tgt Ion: 99 Resp: 12924

Ion	Ratio	Lower	Upper
99	100		
42	20.2	14.5	21.7
71	35.9	25.4	38.0

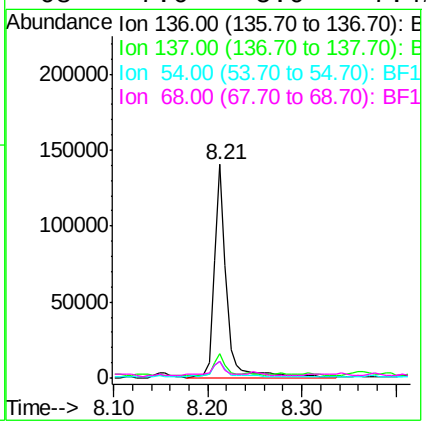


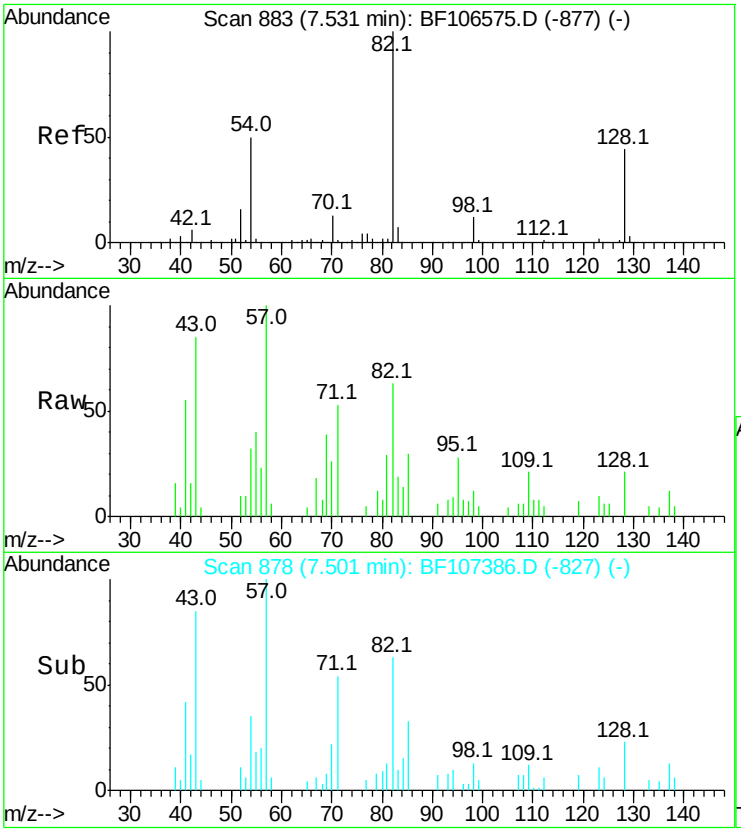


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.21 min Scan# 999
Delta R.T. -0.00 min
Lab File: BF107386.D
Acq: 14 Jul 2018 00:56

Tgt Ion:136 Resp: 131651

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.9	13.3
54	8.1	6.6	9.8
68	7.6	5.0	7.4#



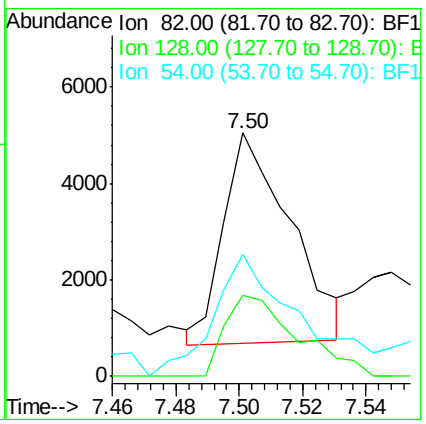


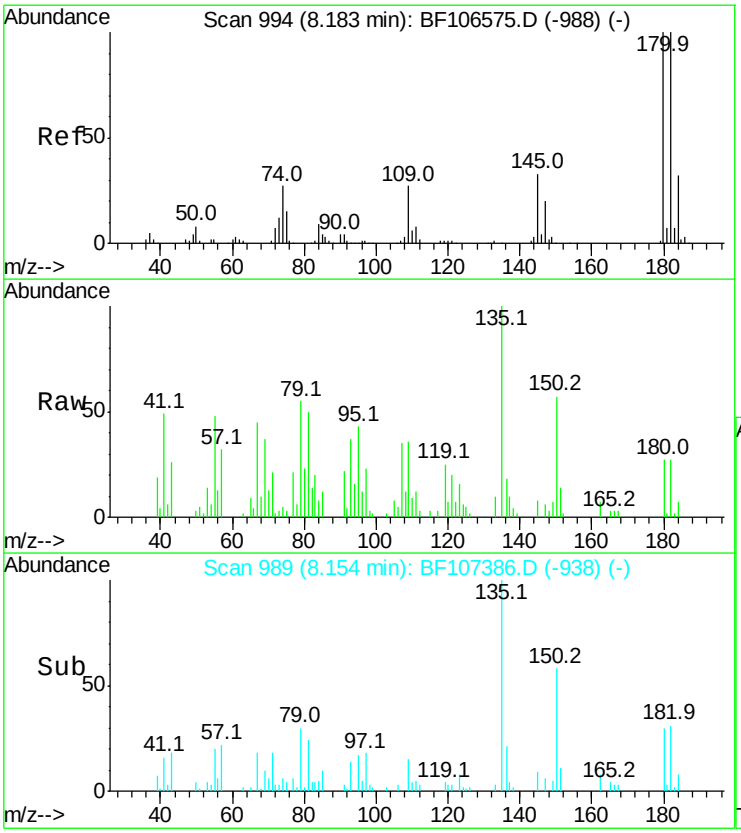
#23
Nitrobenzene-d5
Concen: 2.692 ng
RT: 7.50 min Scan# 878
Delta R.T. -0.00 min
Lab File: BF107386.D
Acq: 14 Jul 2018 00:56

Instrument :
BNA_F
ClientSampleId :
DRUM-2

Tgt Ion: 82 Resp: 6377

Ion	Ratio	Lower	Upper
82	100		
128	33.1	36.1	54.1#
54	50.1	41.4	62.2

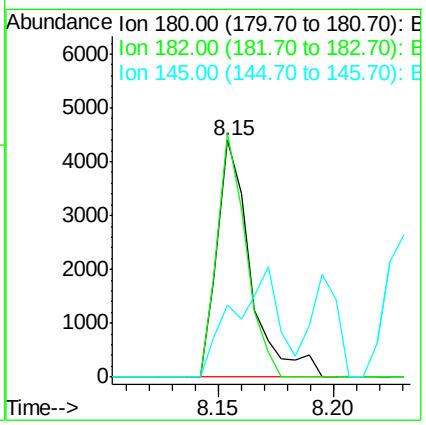


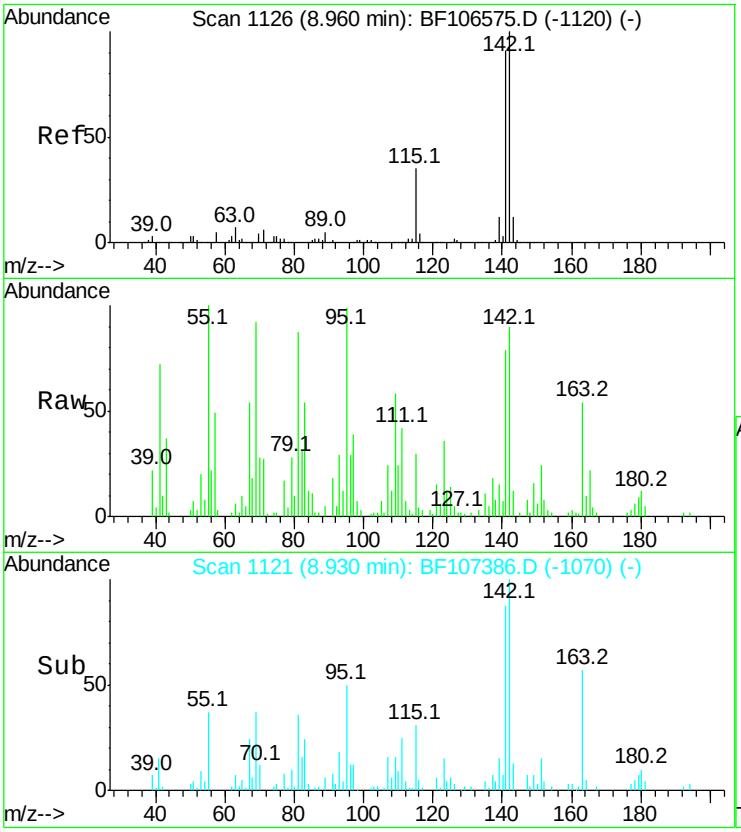


#30
1,2,4-Trichlorobenzene
Concen: 2.180 ng
RT: 8.15 min Scan# 989
Delta R.T. -0.00 min
Lab File: BF107386.D
Acq: 14 Jul 2018 00:56

Tgt Ion:180 Resp: 4436

Ion	Ratio	Lower	Upper
180	100		
182	102.7	76.8	115.2
145	30.3	26.5	39.7



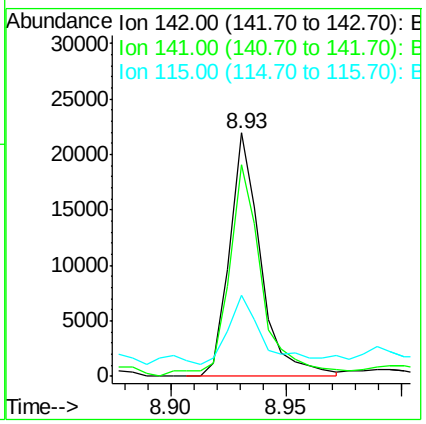


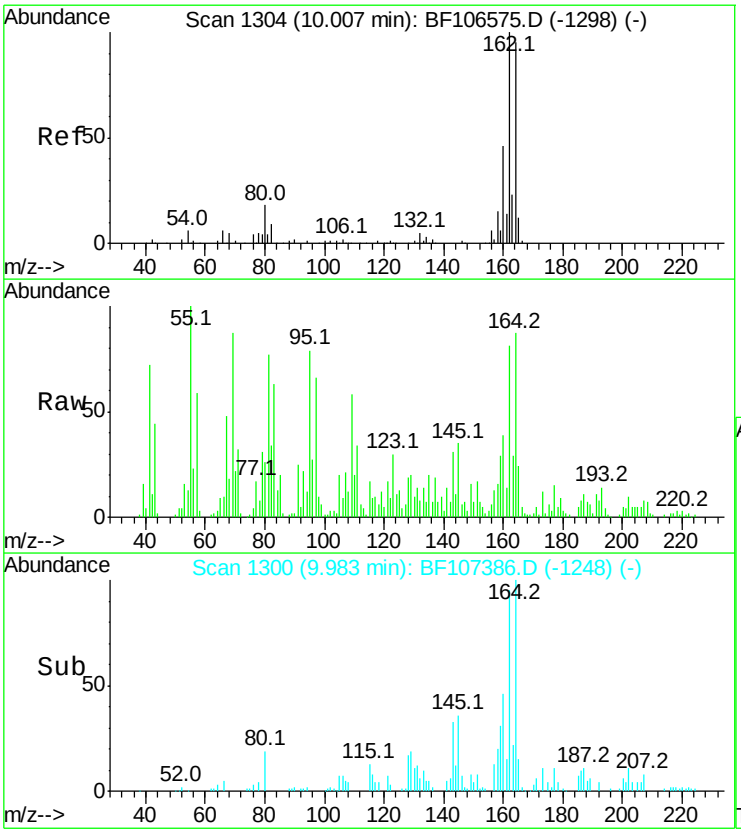
#37
2-Methylnaphthalene
Concen: 5.059 ng
RT: 8.93 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BF107386.D
Acq: 14 Jul 2018 00:56

Instrument :
BNA_F
ClientSampleId :
DRUM-2

Tgt Ion:142 Resp: 20639

Ion	Ratio	Lower	Upper
142	100		
141	87.0	70.8	106.2
115	33.3	26.1	39.1

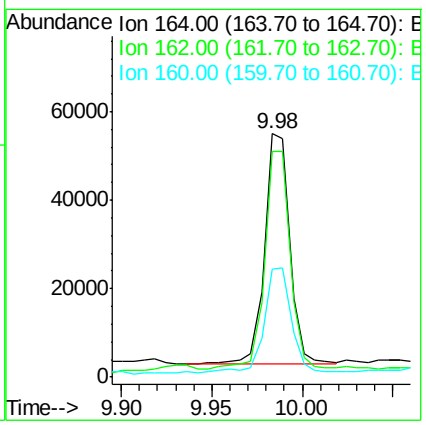


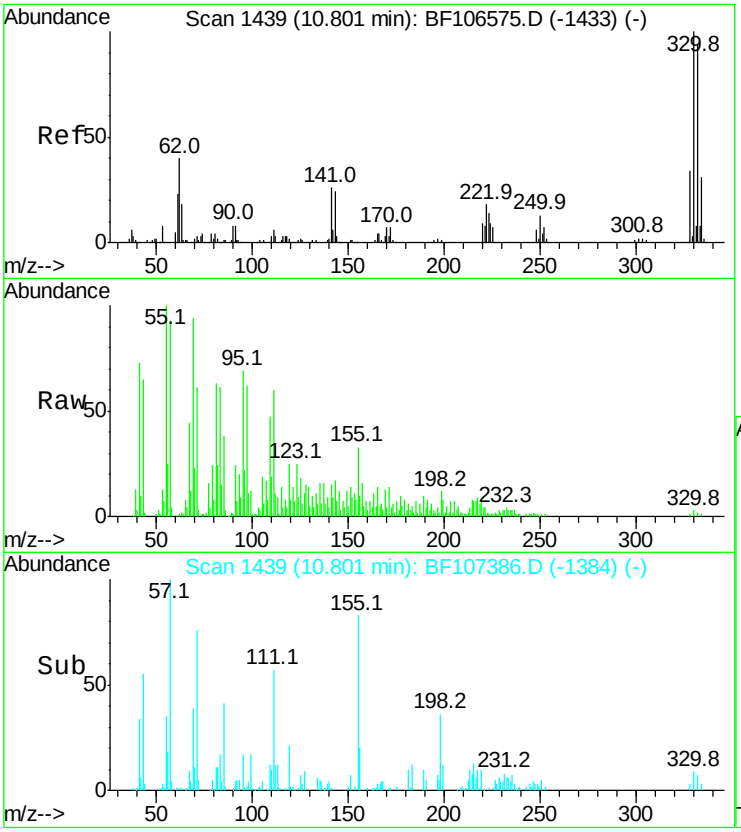


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BF107386.D
Acq: 14 Jul 2018 00:56

Tgt Ion:164 Resp: 50091

Ion	Ratio	Lower	Upper
164	100		
162	92.7	86.1	129.1
160	44.4	38.3	57.5



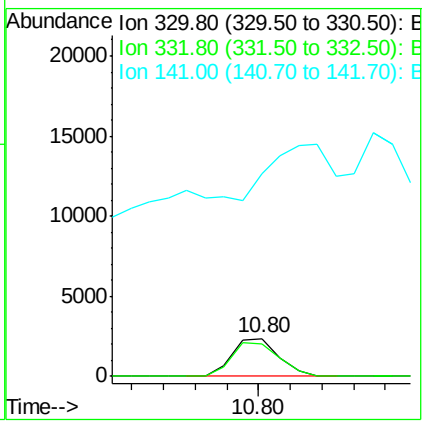


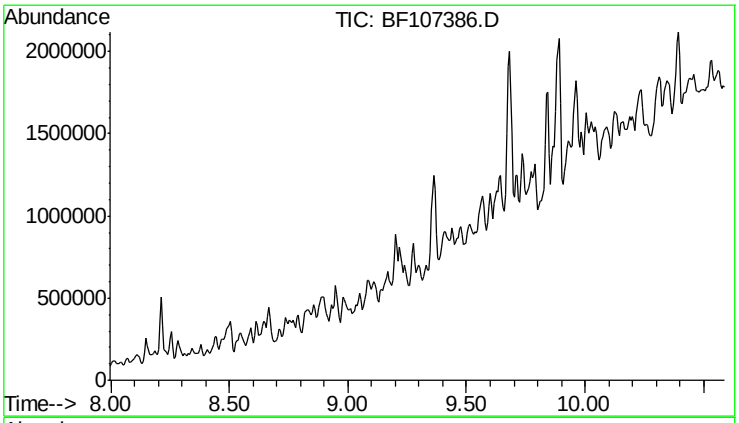
#41
2,4,6-Tribromophenol
Concen: 4.099 ng
RT: 10.80 min Scan# 1439
Delta R.T. 0.02 min
Lab File: BF107386.D
Acq: 14 Jul 2018 00:56

Instrument :
BNA_F
ClientSampleId :
DRUM-2

Tgt Ion:330 Resp: 2380

Ion	Ratio	Lower	Upper
330	100		
332	93.3	77.0	115.6
141	0.0	29.9	44.9#



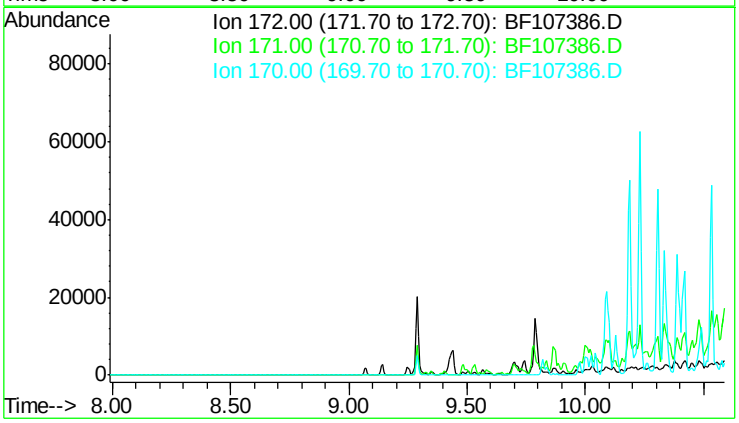


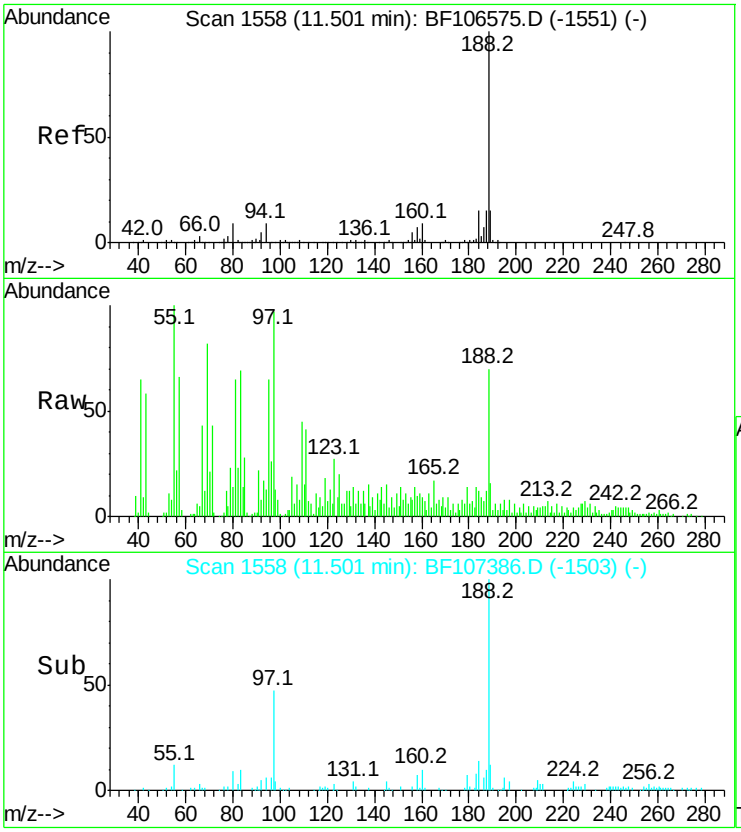
#44
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 9.29 min

Lab File: BF107386.D
Acq: 14 Jul 2018 00:56

Tgt Ion: 172

Sig	Exp Ratio
172	100
171	37.1
170	24.5



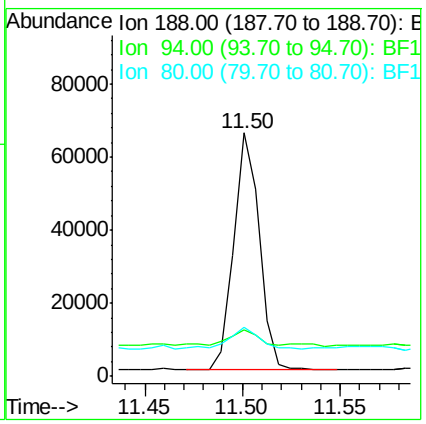


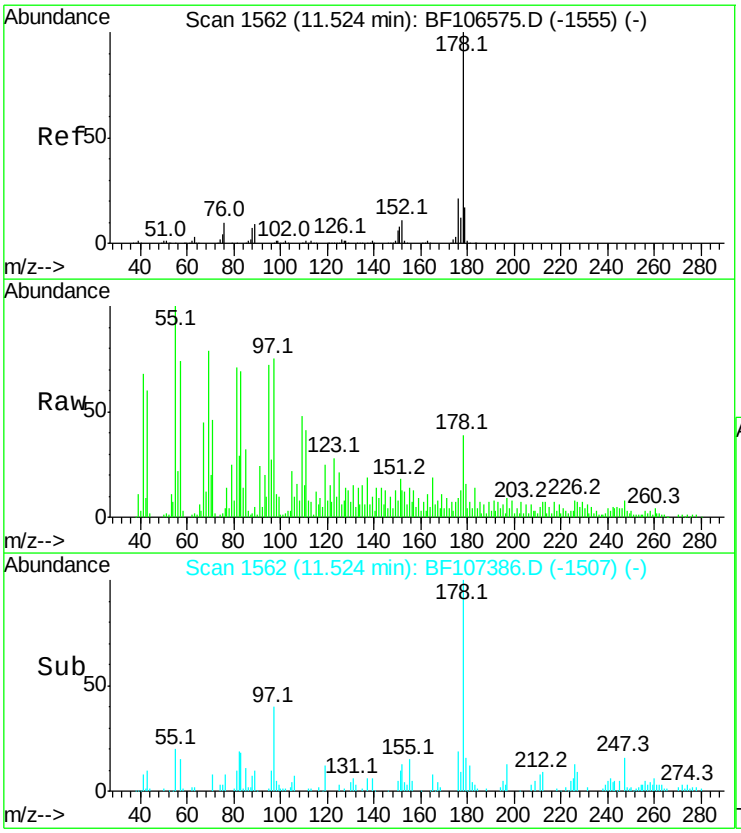
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. 0.02 min
Lab File: BF107386.D
Acq: 14 Jul 2018 00:56

Instrument :
BNA_F
ClientSampleId :
DRUM-2

Tgt Ion:188 Resp: 59025

Ion	Ratio	Lower	Upper
188	100		
94	19.0	8.5	12.7#
80	20.4	9.2	13.8#

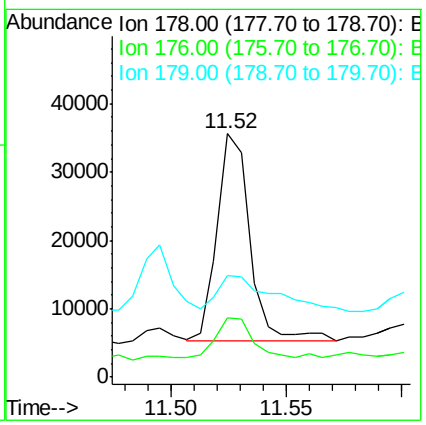


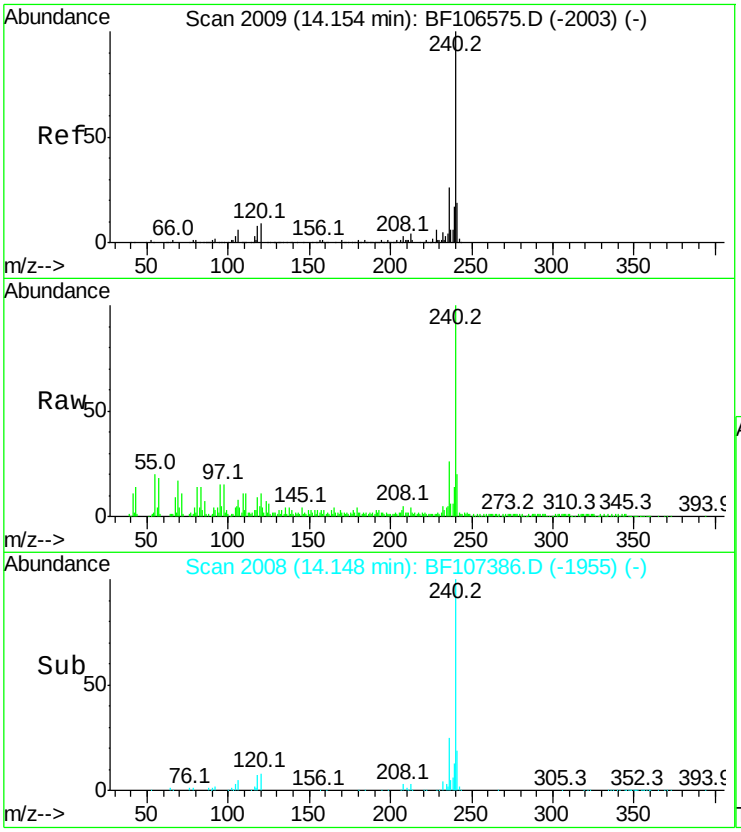


#70
Phenanthrene
Concen: 10.449 ng
RT: 11.52 min Scan# 1562
Delta R.T. 0.02 min
Lab File: BF107386.D
Acq: 14 Jul 2018 00:56

Tgt Ion:178 Resp: 29746

Ion	Ratio	Lower	Upper
178	100		
176	24.2	15.8	23.8#
179	41.6	13.0	19.6#



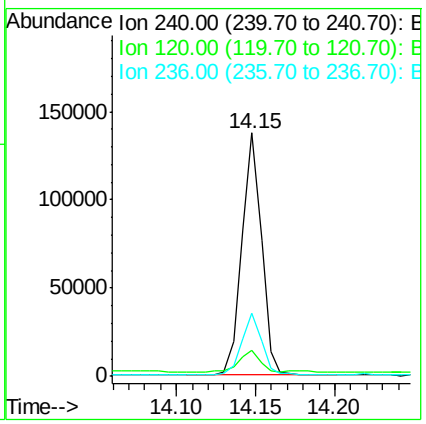


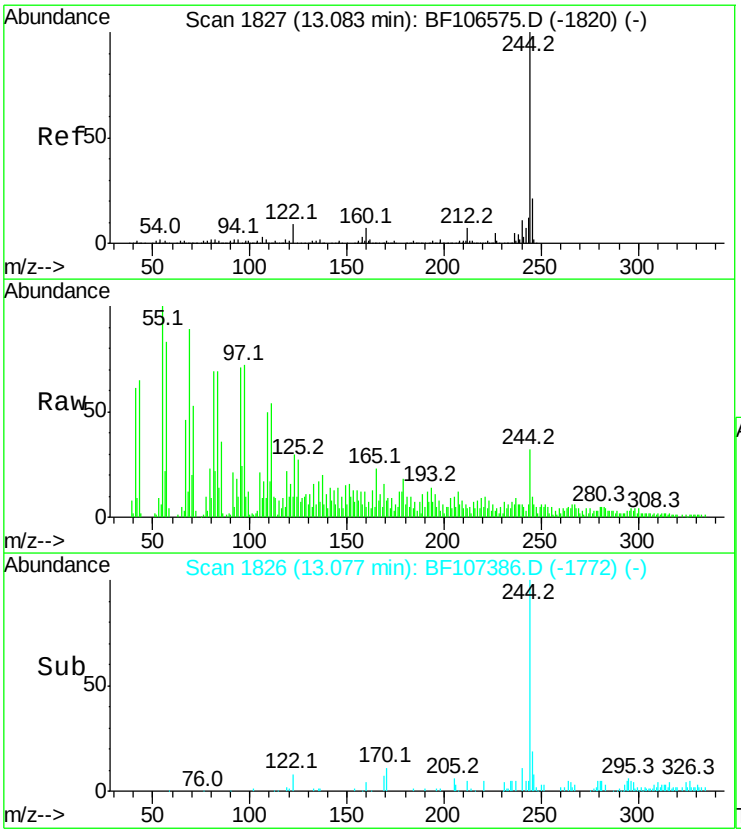
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BF107386.D
Acq: 14 Jul 2018 00:56

Instrument :
BNA_F
ClientSampleId :
DRUM-2

Tgt Ion:240 Resp: 118286

Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.5	14.3
236	26.0	20.7	31.1

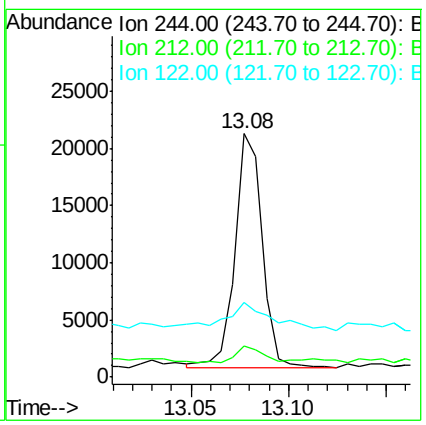


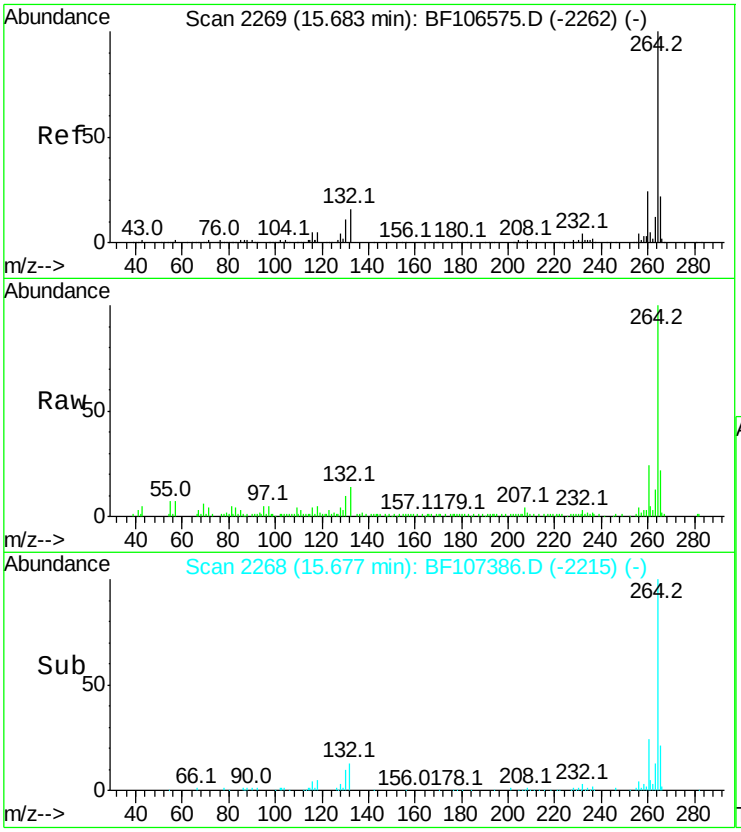


#78
Terphenyl-d14
Concen: 4.086 ng
RT: 13.08 min Scan# 1826
Delta R.T. 0.02 min
Lab File: BF107386.D
Acq: 14 Jul 2018 00:56

Tgt Ion:244 Resp: 19951

Ion	Ratio	Lower	Upper
244	100		
212	12.8	5.4	8.0#
122	30.4	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. 0.01 min
Lab File: BF107386.D
Acq: 14 Jul 2018 00:56

Instrument :
BNA_F
ClientSampleId :
DRUM-2

Tgt Ion:264 Resp: 93929

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.6	17.5	26.3