Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
Data File : BF106949.D
Acq On : 29 Jun 2018 4:02
Operator : JU/SJ
Sample : J3746-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-01-009-B

Quant Time: Jun 29 07:02:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 25 18:50:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	62665	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	215392	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	87728	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	158338	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	205826	20.00	ng	-0.03
86) Perylene-d12	15.67	264	172151	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	380075	102.70	ng	0.00
7) Phenol-d6	6.60	99	448742	97.10	ng	-0.02
23) Nitrobenzene-d5	7.52	82	273066	70.45	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	107530	105.75	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	435919	83.92	ng	-0.02
78) Terphenyl-d14	13.07	244	500403	58.89	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.70	163	96289	14.634	ng	99
74) Fluoranthene	12.70	202	28804	3.422	ng	96
77) Pyrene	12.94	202	30095	2.217	ng	97

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

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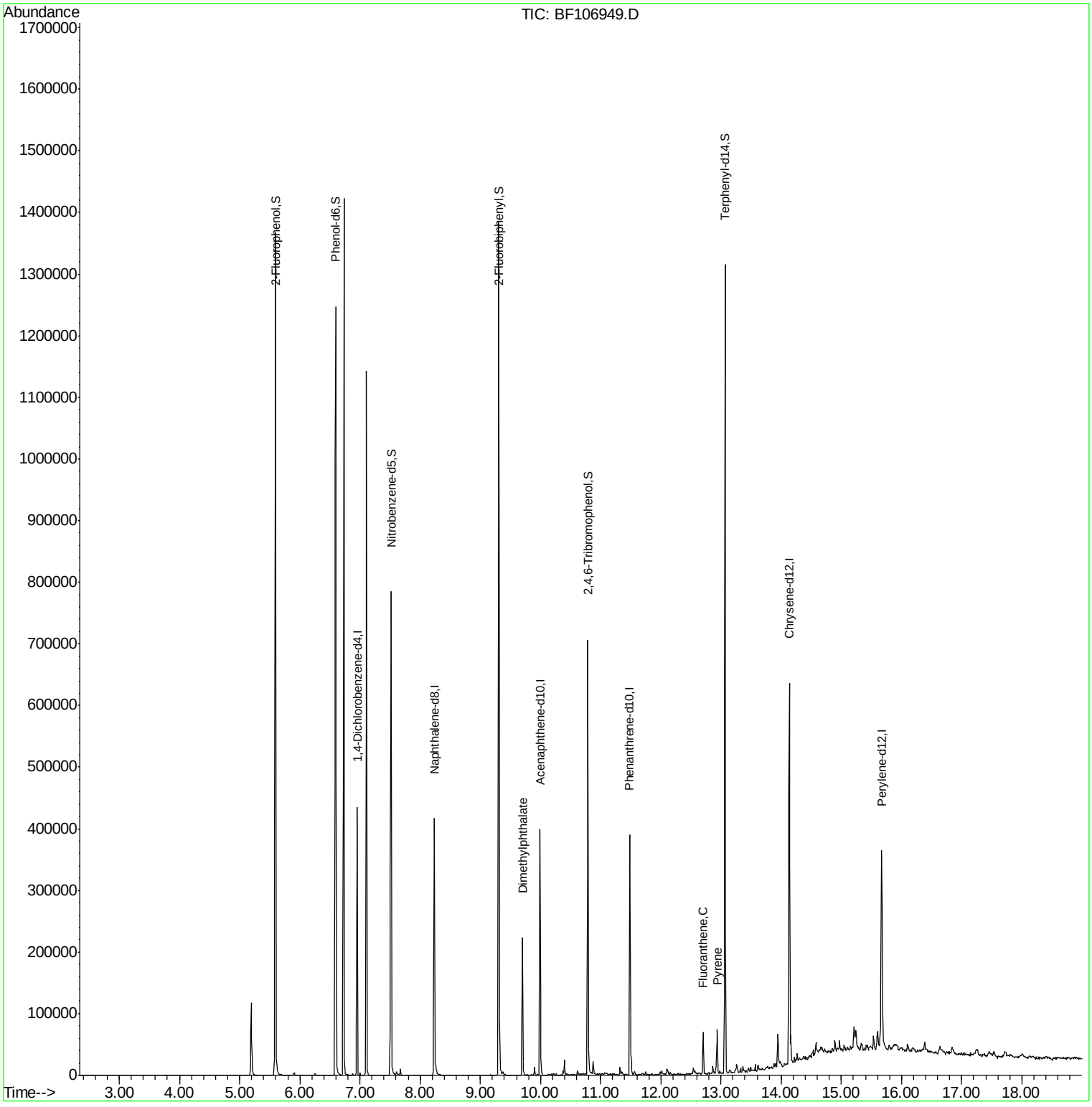
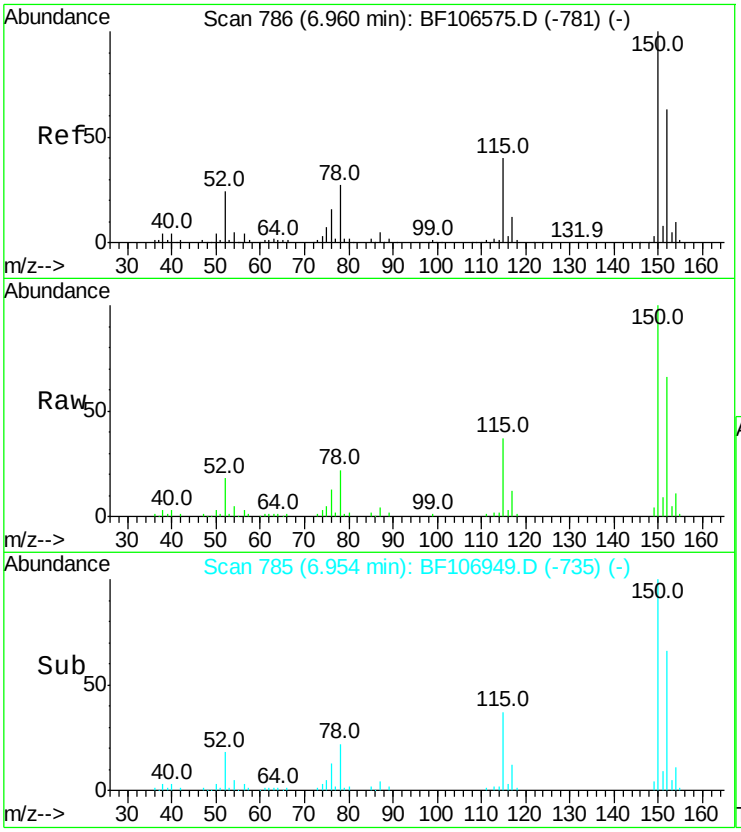


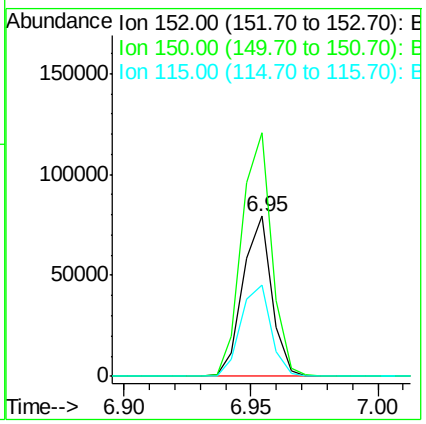


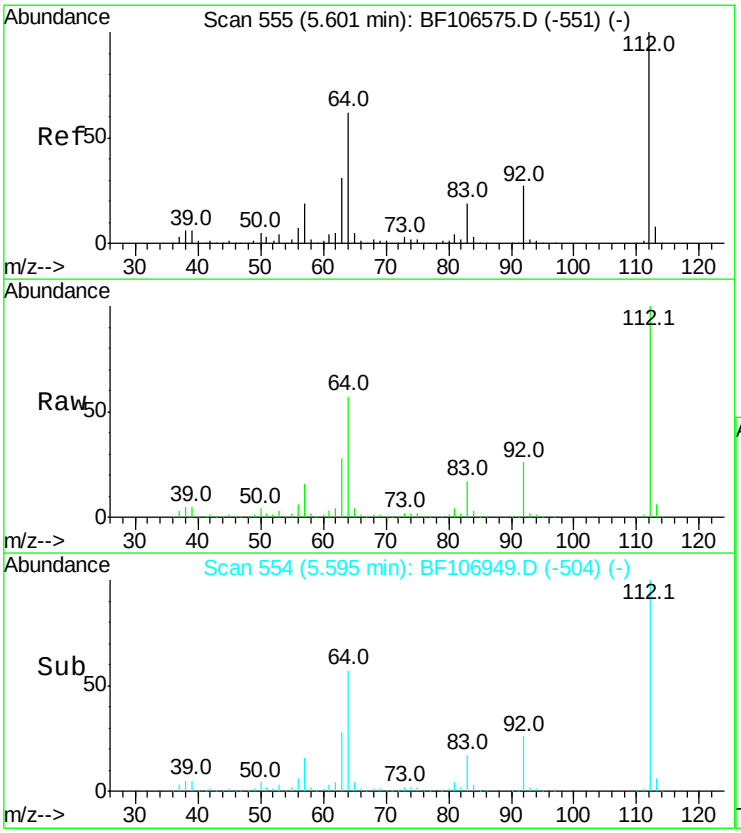
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106949.D
Acq: 29 Jun 2018 4:02

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-009-B

Tgt Ion:152 Resp: 62665

Ion	Ratio	Lower	Upper
152	100		
150	151.8	124.6	186.8
115	56.6	50.1	75.1

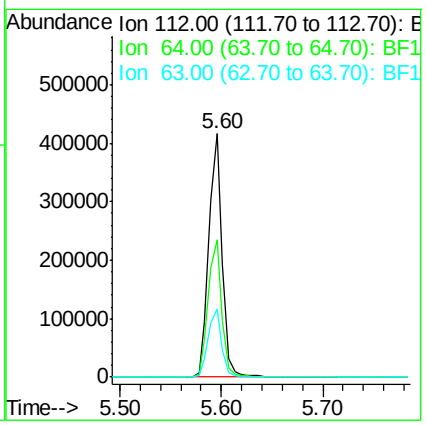


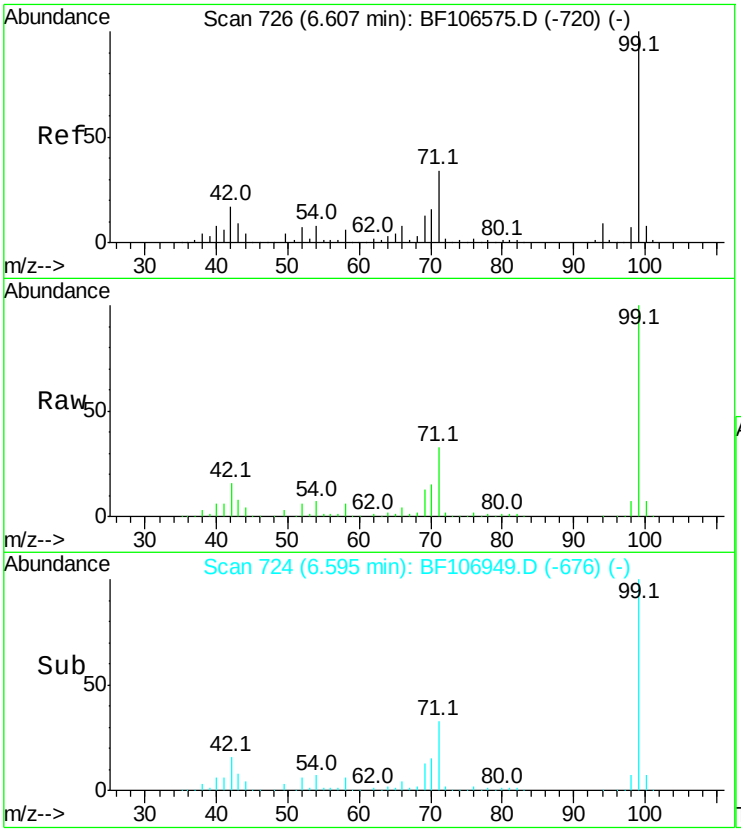


#5
2-Fluorophenol
Concen: 102.703 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF106949.D
Acq: 29 Jun 2018 4:02

Tgt Ion:112 Resp: 380075

Ion	Ratio	Lower	Upper
112	100		
64	56.6	47.9	71.9
63	28.1	23.7	35.5



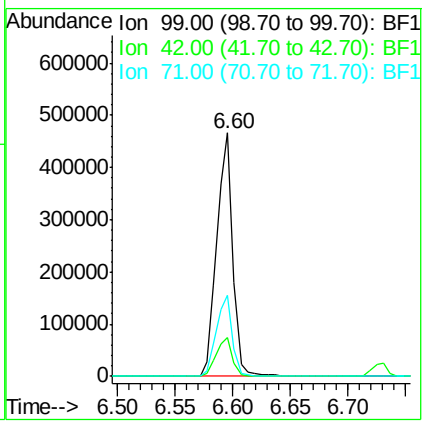


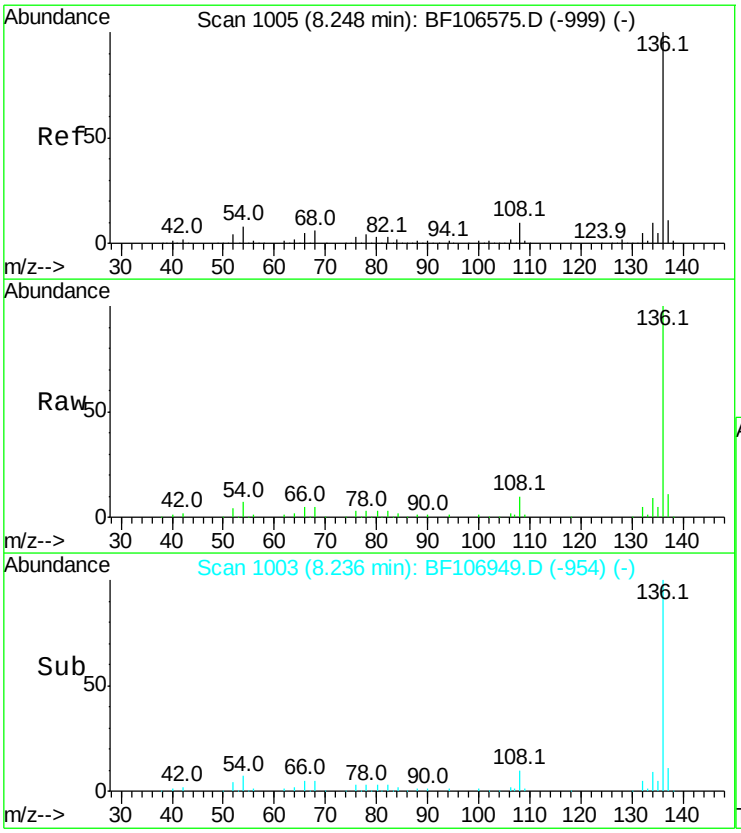
#7
Phenol-d6
Concen: 97.099 ng
RT: 6.60 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF106949.D
Acq: 29 Jun 2018 4:02

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-009-B

Tgt Ion: 99 Resp: 448742

Ion	Ratio	Lower	Upper
99	100		
42	15.9	14.5	21.7
71	33.3	25.4	38.0

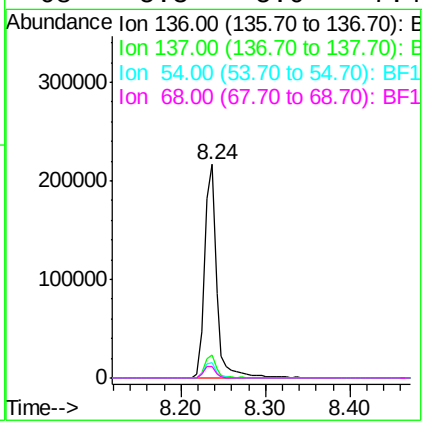


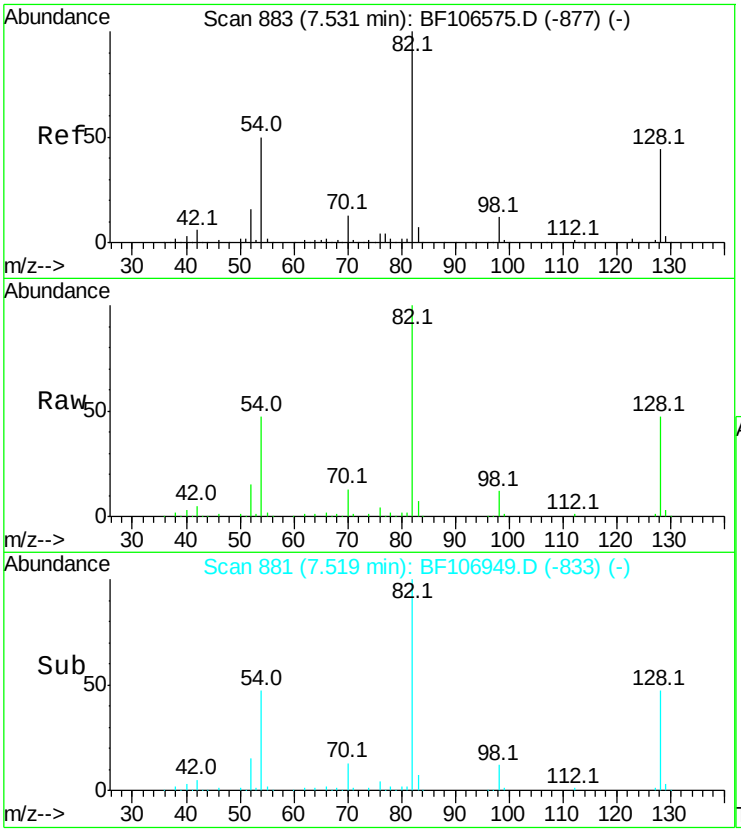


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF106949.D
Acq: 29 Jun 2018 4:02

Tgt Ion:136 Resp: 215392

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	7.1	6.6	9.8
68	5.3	5.0	7.4



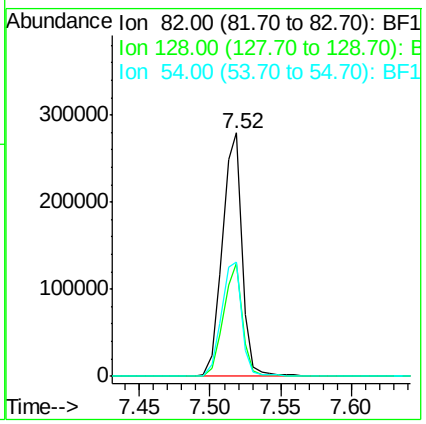


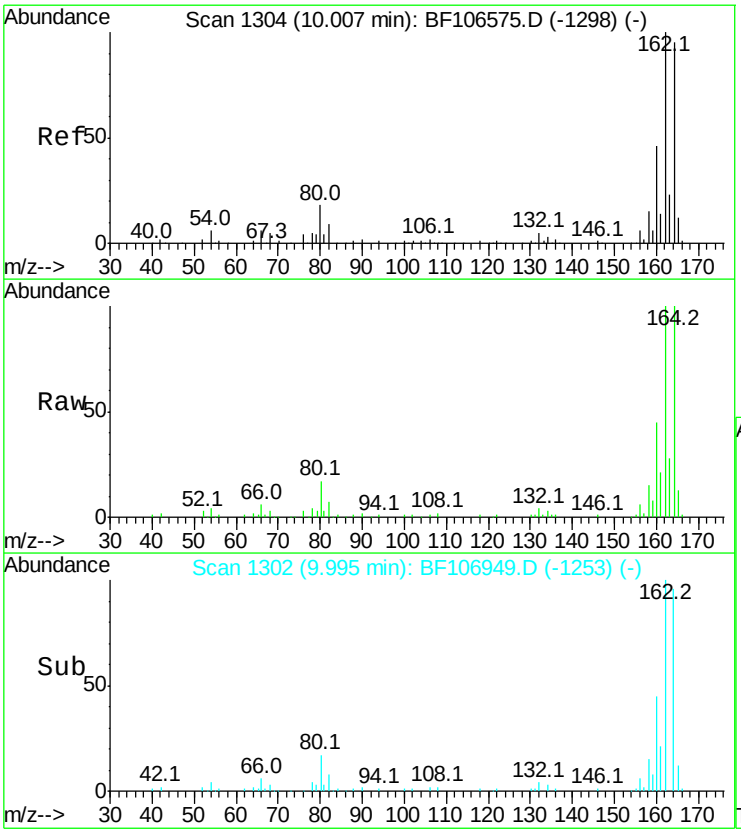
#23
Nitrobenzene-d5
Concen: 70.454 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF106949.D
Acq: 29 Jun 2018 4:02

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-009-B

Tgt Ion: 82 Resp: 273066

Ion	Ratio	Lower	Upper
82	100		
128	46.6	36.1	54.1
54	47.0	41.4	62.2

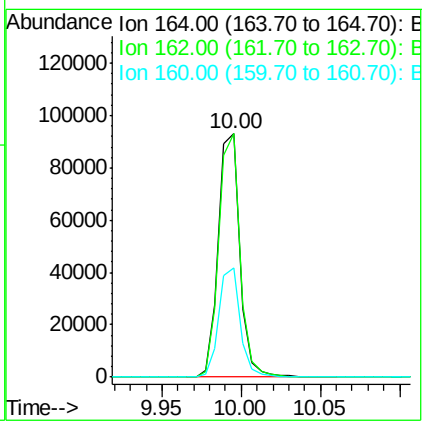


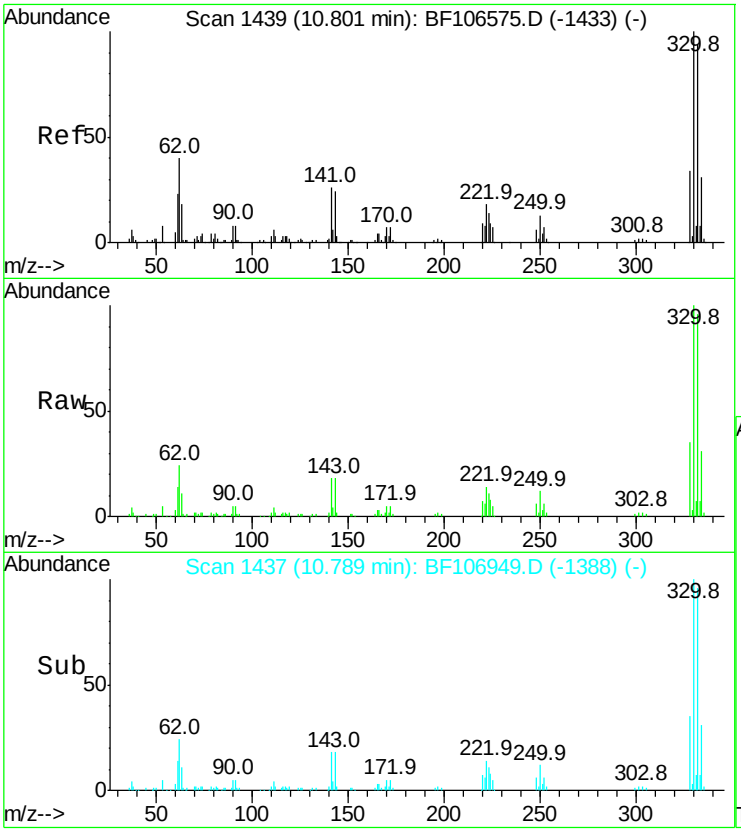


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF106949.D
Acq: 29 Jun 2018 4:02

Tgt Ion:164 Resp: 87728

Ion	Ratio	Lower	Upper
164	100		
162	99.8	86.1	129.1
160	45.0	38.3	57.5



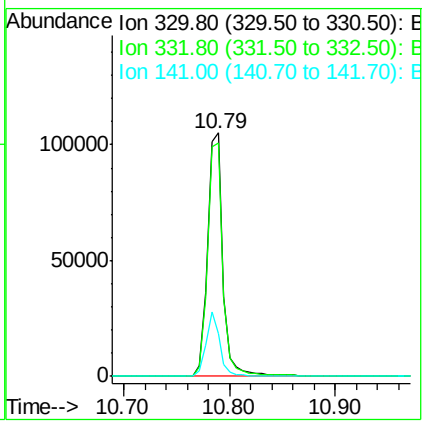


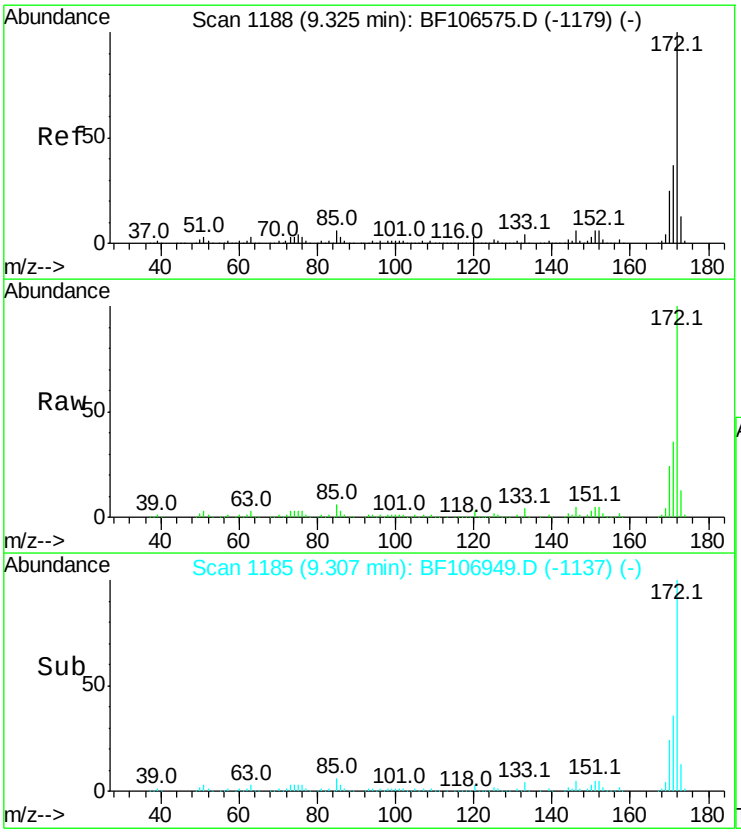
#41
2,4,6-Tribromophenol
Concen: 105.754 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF106949.D
Acq: 29 Jun 2018 4:02

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-009-B

Tgt Ion:330 Resp: 107530

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	23.6	29.9	44.9#

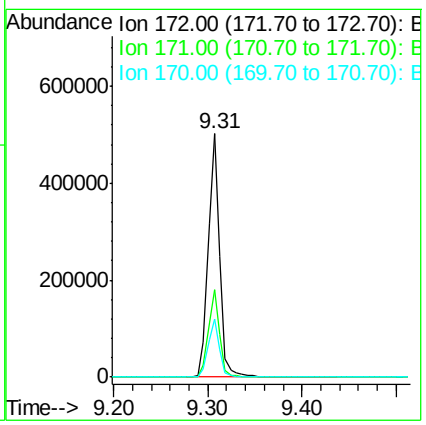


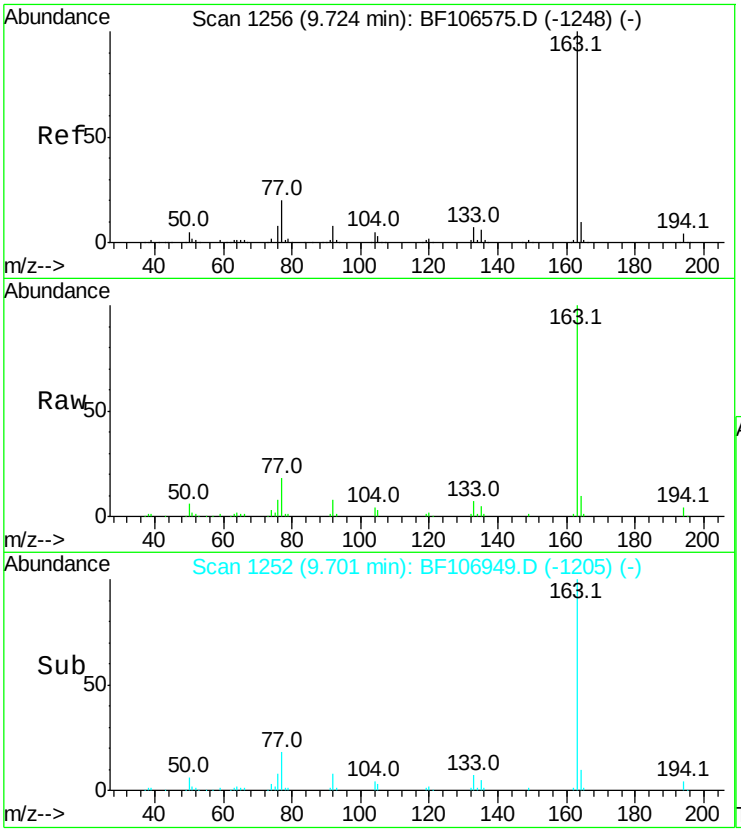


#44
2-Fluorobiphenyl
Concen: 83.919 ng
RT: 9.31 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF106949.D
Acq: 29 Jun 2018 4:02

Tgt Ion:172 Resp: 435919

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.0	19.6	29.4



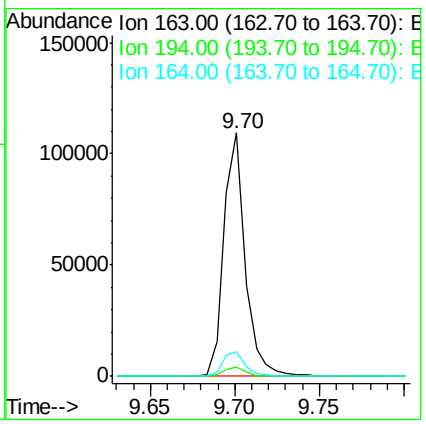


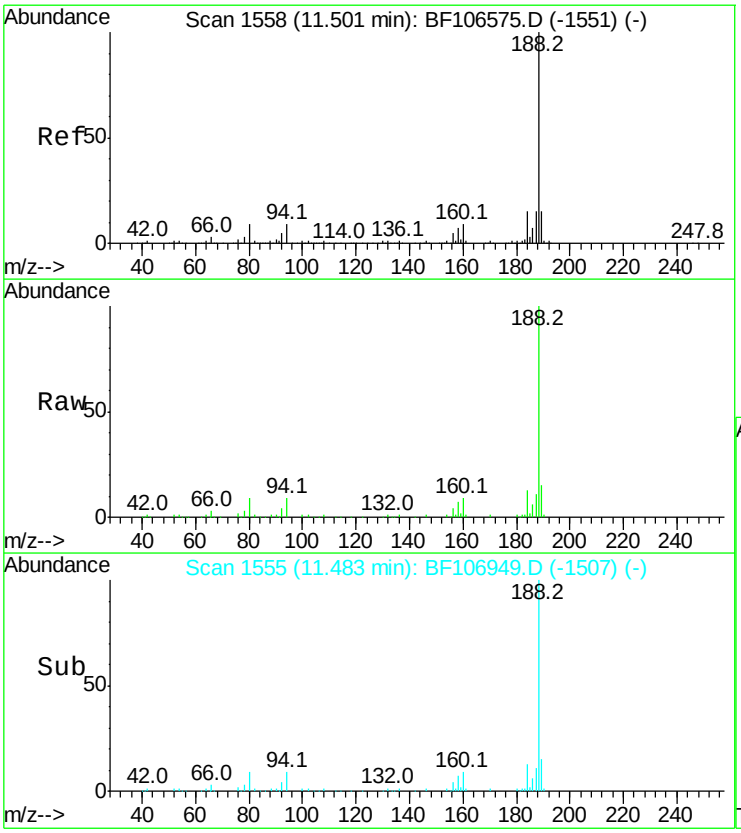
#49
Dimethylphthalate
Concen: 14.634 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF106949.D
Acq: 29 Jun 2018 4:02

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-009-B

Tgt Ion:163 Resp: 96289

Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1
164	10.4	8.2	12.2

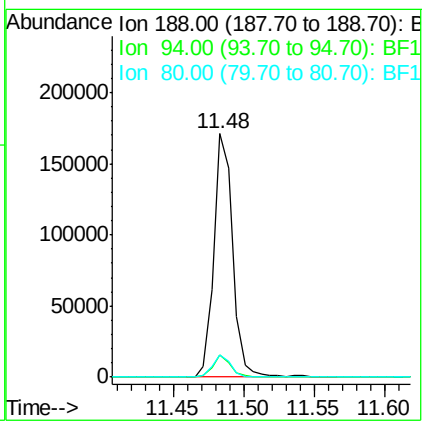


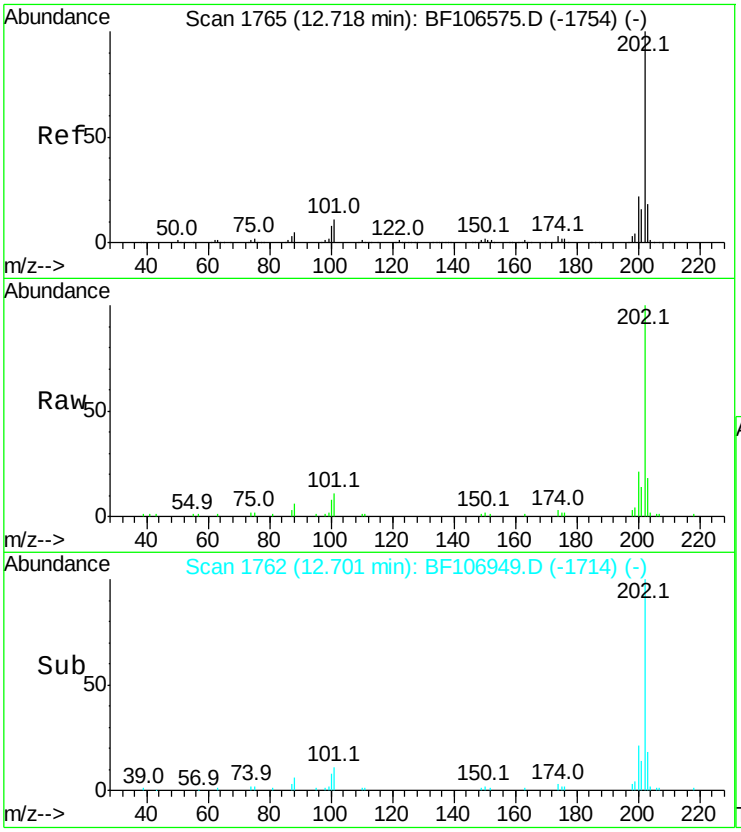


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF106949.D
Acq: 29 Jun 2018 4:02

Tgt Ion:188 Resp: 158338

Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	9.1	9.2	13.8#



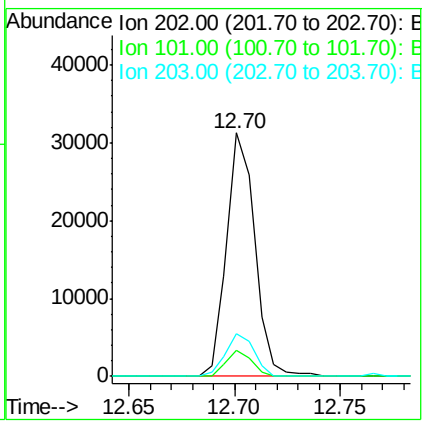


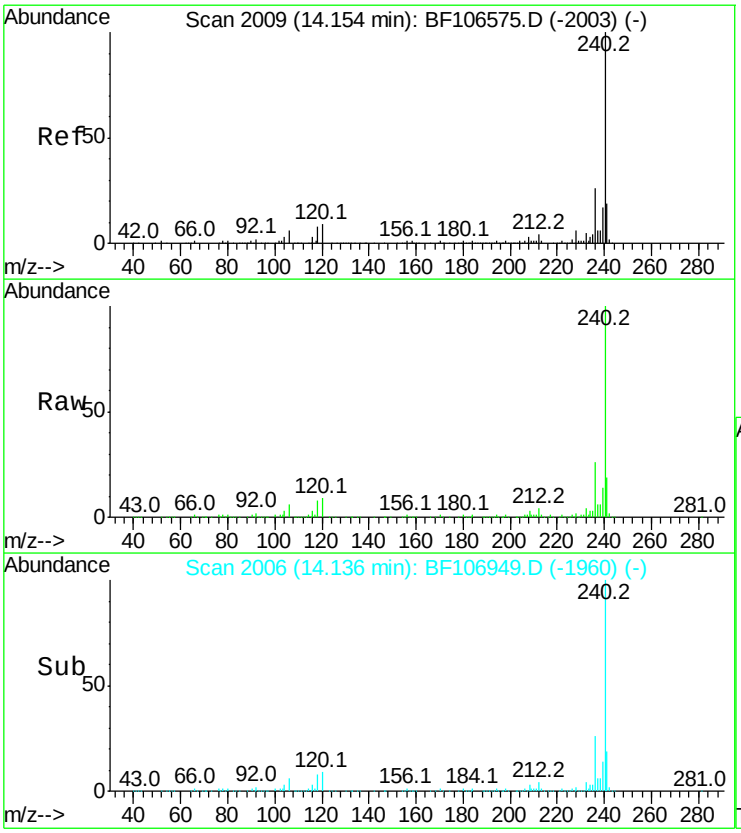
#74
Fluoranthene
Concen: 3.422 ng
RT: 12.70 min Scan# 1762
Delta R.T. -0.02 min
Lab File: BF106949.D
Acq: 29 Jun 2018 4:02

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-009-B

Tgt Ion:202 Resp: 28804

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	34.1
203	17.8	0.0	38.1

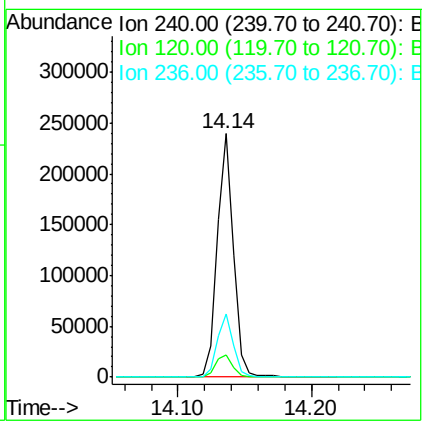


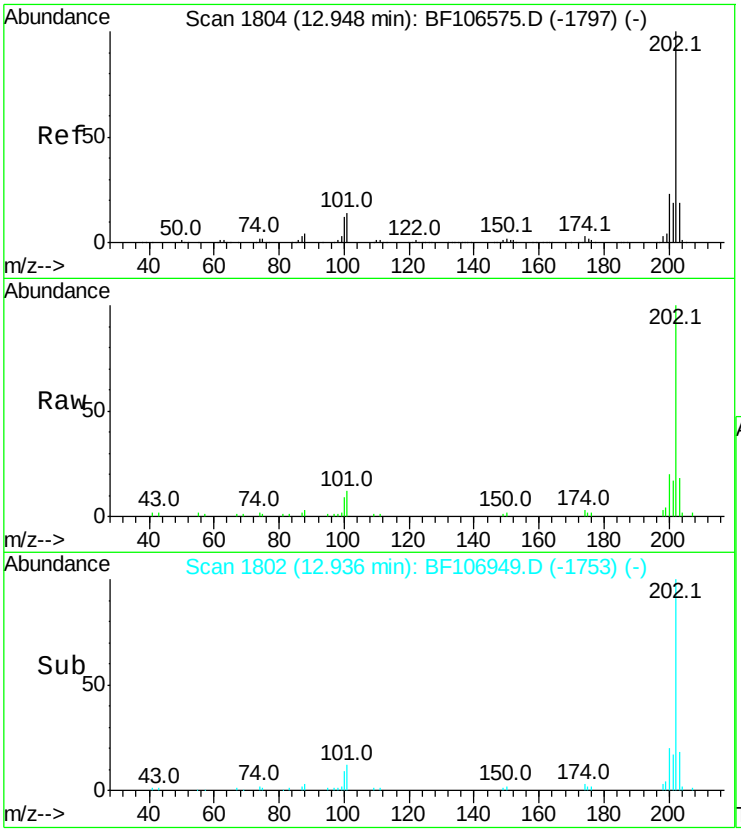


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.03 min
Lab File: BF106949.D
Acq: 29 Jun 2018 4:02

Tgt Ion:240 Resp: 205826

Ion	Ratio	Lower	Upper
240	100		
120	9.0	9.5	14.3#
236	25.9	20.7	31.1



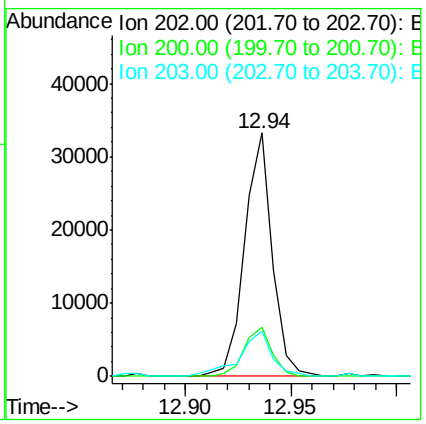


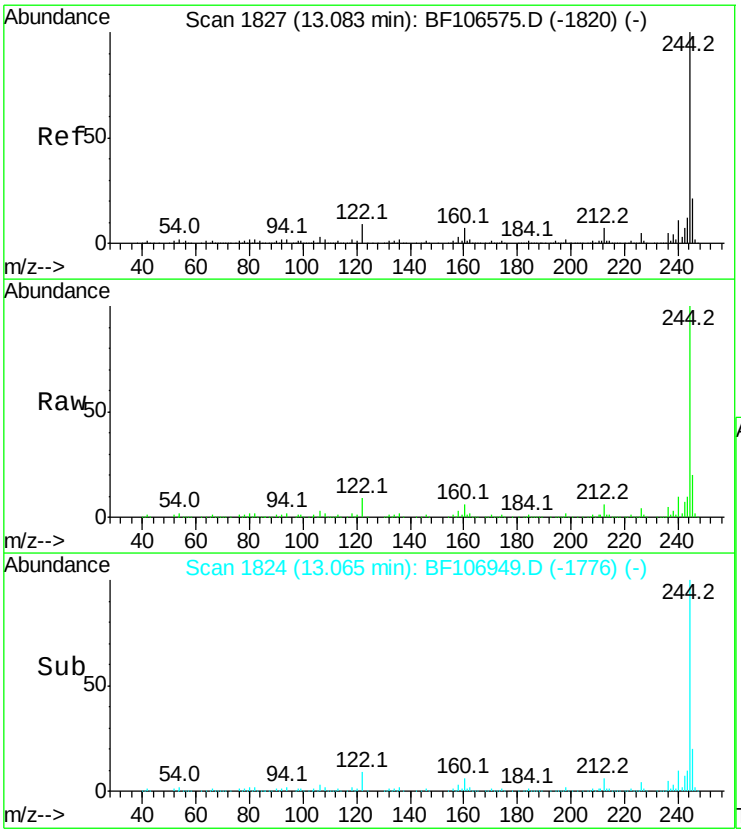
#77
Pyrene
Concen: 2.217 ng
RT: 12.94 min Scan# 1802
Delta R.T. -0.01 min
Lab File: BF106949.D
Acq: 29 Jun 2018 4:02

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-009-B

Tgt Ion:202 Resp: 30095

Ion	Ratio	Lower	Upper
202	100		
200	19.9	17.4	26.2
203	18.4	14.3	21.5

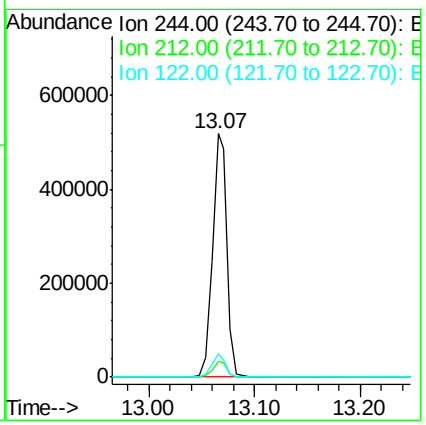


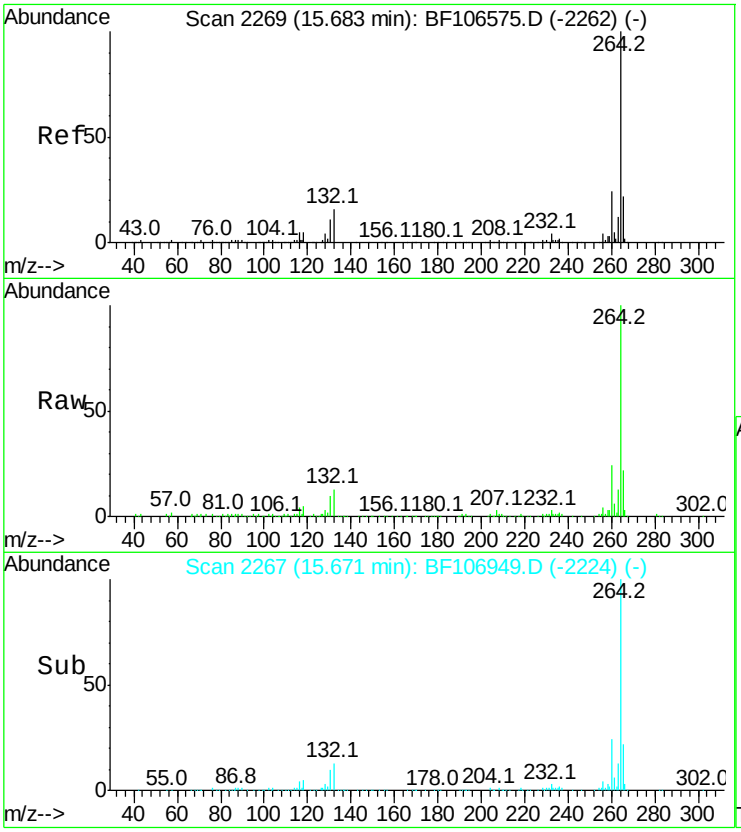


#78
Terphenyl-d14
Concen: 58.891 ng
RT: 13.07 min Scan# 1824
Delta R.T. -0.02 min
Lab File: BF106949.D
Acq: 29 Jun 2018 4:02

Tgt Ion:244 Resp: 500403

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	9.5	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2267
Delta R.T. -0.05 min
Lab File: BF106949.D
Acq: 29 Jun 2018 4:02

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-009-B

Tgt Ion:264 Resp: 172151

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.9	17.5	26.3