Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF063018\
Data File : BF107008.D
Acq On : 30 Jun 2018 12:23
Operator : JU/SJ
Sample : J3774-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4(3-5)

Quant Time: Jul 02 04:47:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 29 14:38:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	70645	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	256108	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	118604	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	195677	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	203624	20.00	ng	-0.02
86) Perylene-d12	15.68	264	219809	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	368388	88.30	ng	0.00
7) Phenol-d6	6.60	99	452587	86.87	ng	-0.01
23) Nitrobenzene-d5	7.52	82	279689	60.69	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	122995	89.47	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	529791	73.64	ng	-0.02
78) Terphenyl-d14	13.07	244	487504	57.99	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.70	163	63831	7.176	ng	# 97
74) Fluoranthene	12.71	202	21142	2.032	ng	94

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

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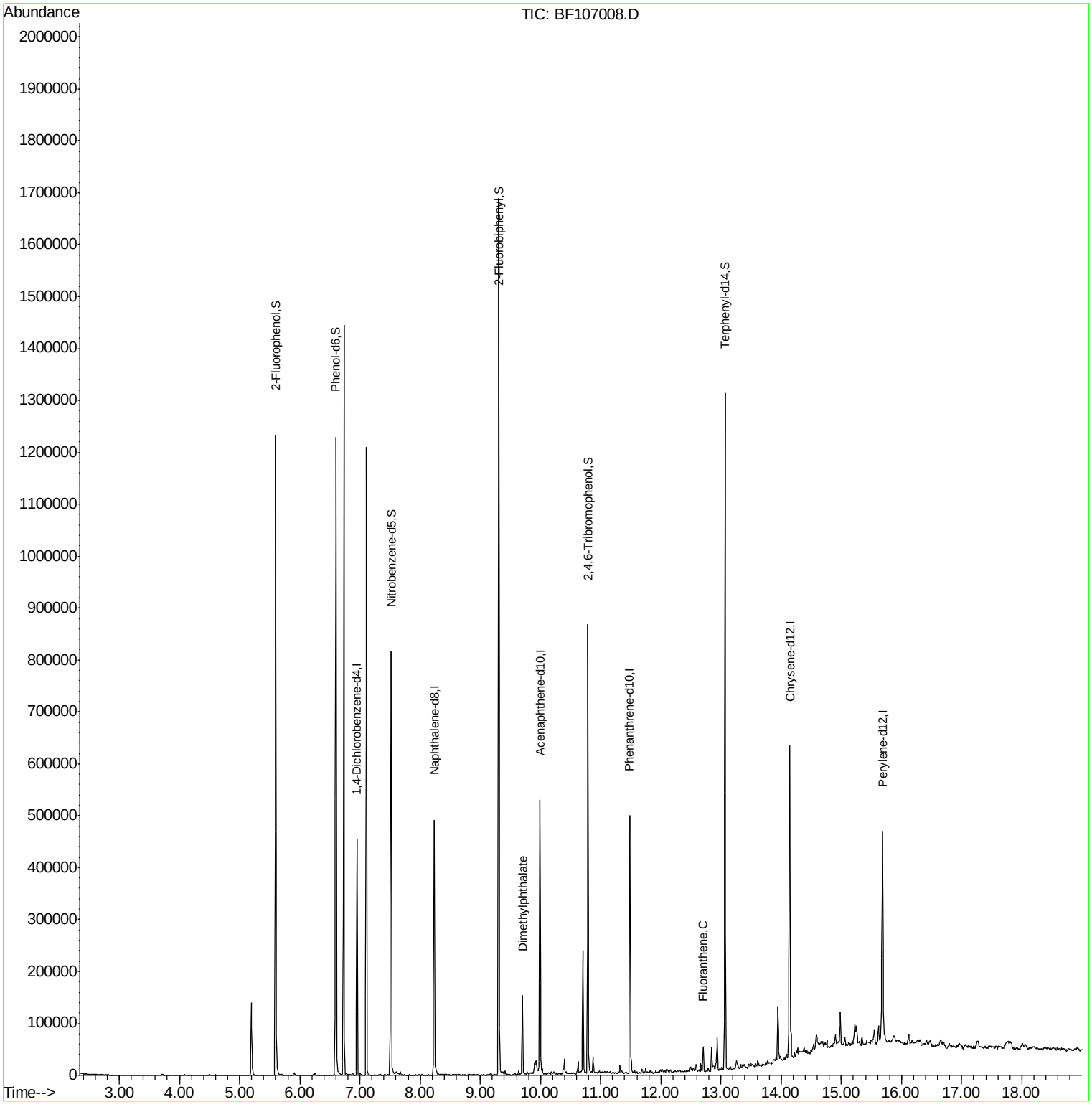
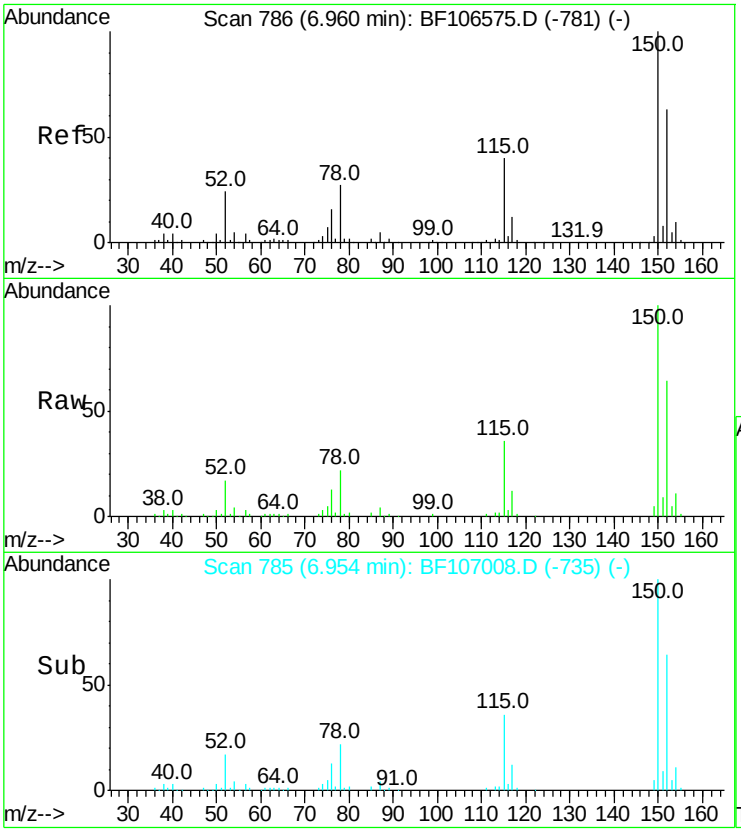
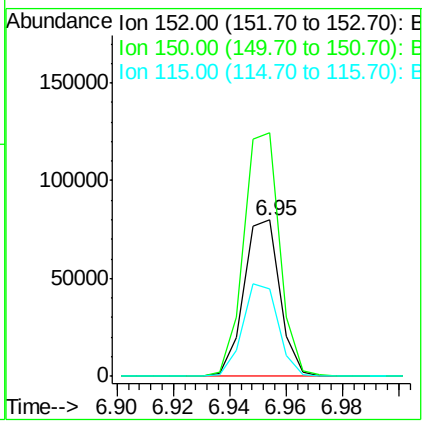




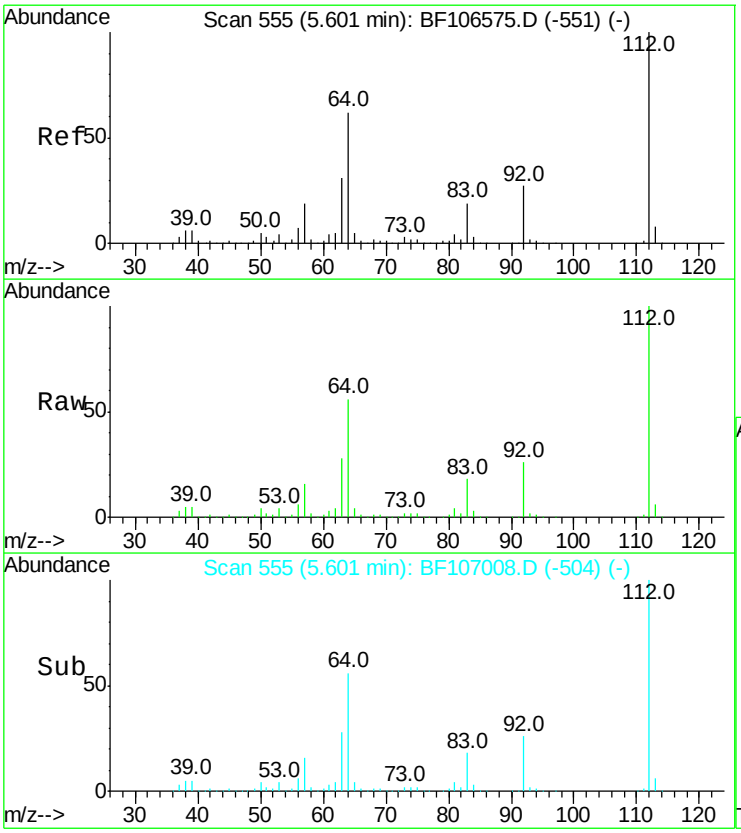
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107008.D
Acq: 30 Jun 2018 12:23

Tgt Ion:152 Resp: 70645

Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.6	186.8
115	55.5	50.1	75.1



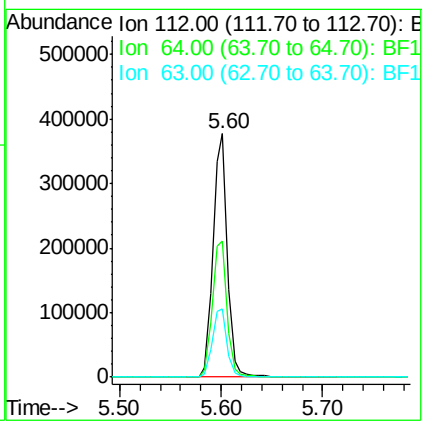
Instrument :
BNA_F
ClientSampleId :
SB-4(3-5)

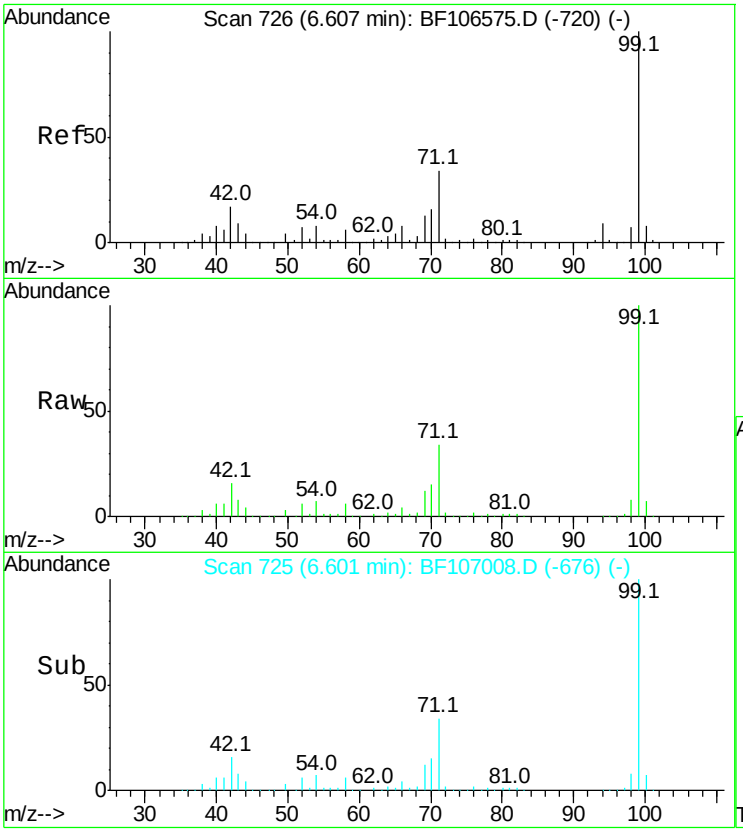


#5
2-Fluorophenol
Concen: 88.300 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF107008.D
Acq: 30 Jun 2018 12:23

Tgt Ion:112 Resp: 368388

Ion	Ratio	Lower	Upper
112	100		
64	56.0	47.9	71.9
63	27.8	23.7	35.5

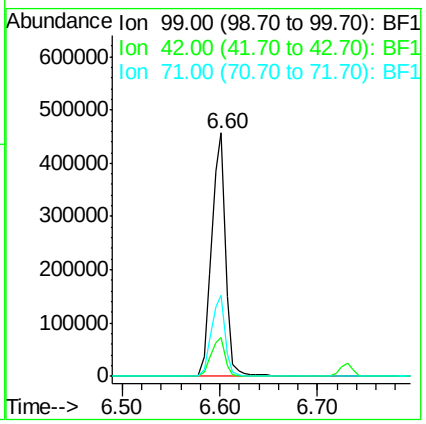




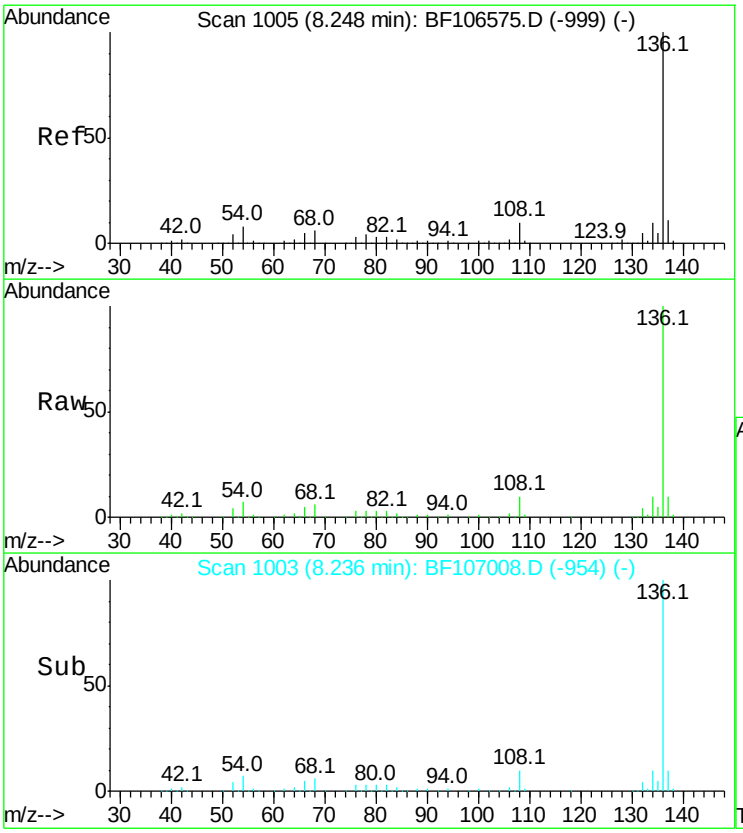
#7
Phenol-d6
Concen: 86.869 ng
RT: 6.60 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF107008.D
Acq: 30 Jun 2018 12:23

Tgt Ion: 99 Resp: 452587

Ion	Ratio	Lower	Upper
99	100		
42	16.0	14.5	21.7
71	33.5	25.4	38.0



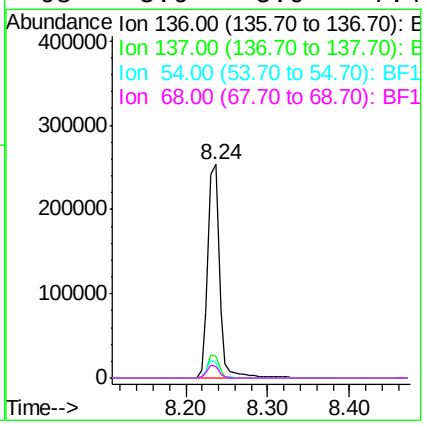
Instrument :
BNA_F
ClientSampleId :
SB-4(3-5)

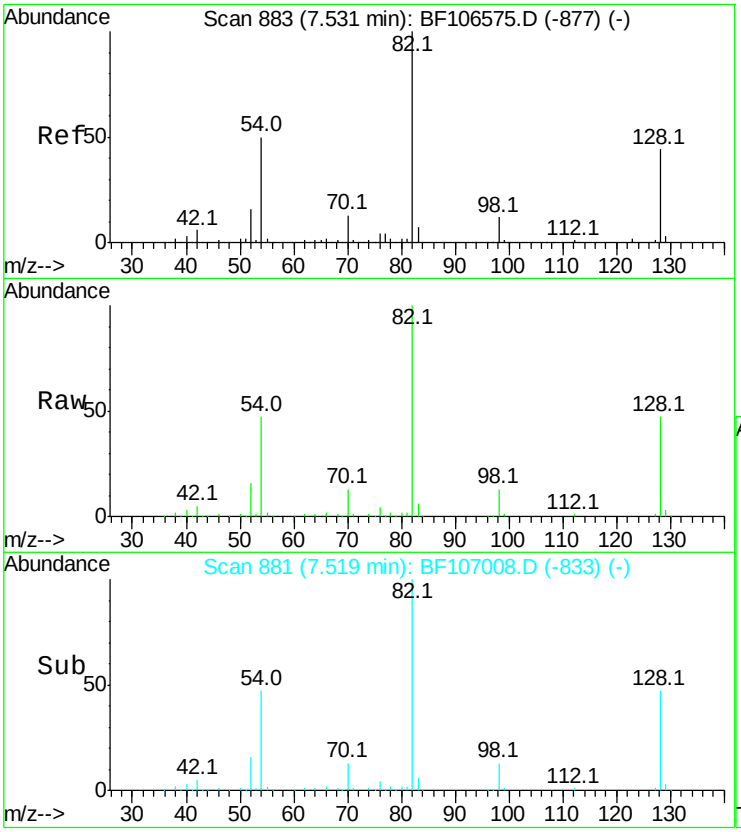


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF107008.D
Acq: 30 Jun 2018 12:23

Tgt Ion:136 Resp: 256108

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	7.0	6.6	9.8
68	5.6	5.0	7.4



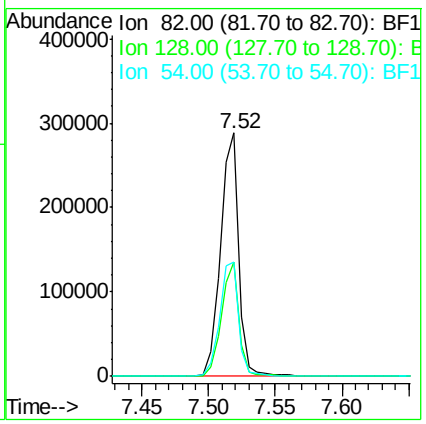


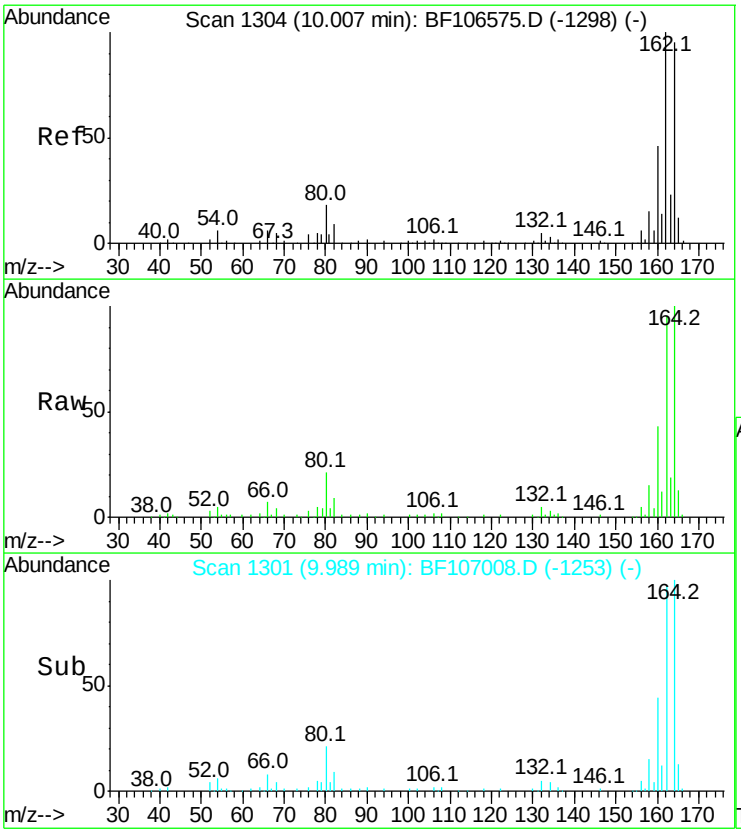
#23
Nitrobenzene-d5
Concen: 60.690 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF107008.D
Acq: 30 Jun 2018 12:23

Instrument :
BNA_F
ClientSampleId :
SB-4(3-5)

Tgt Ion: 82 Resp: 279689

Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.1	54.1
54	47.2	41.4	62.2

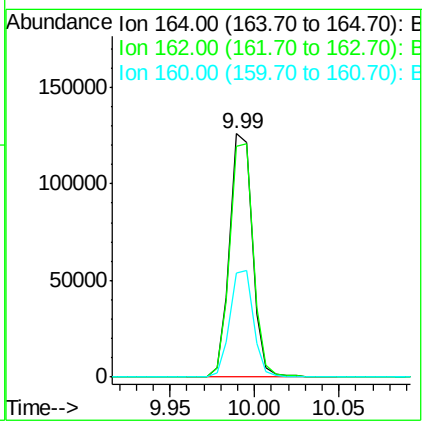


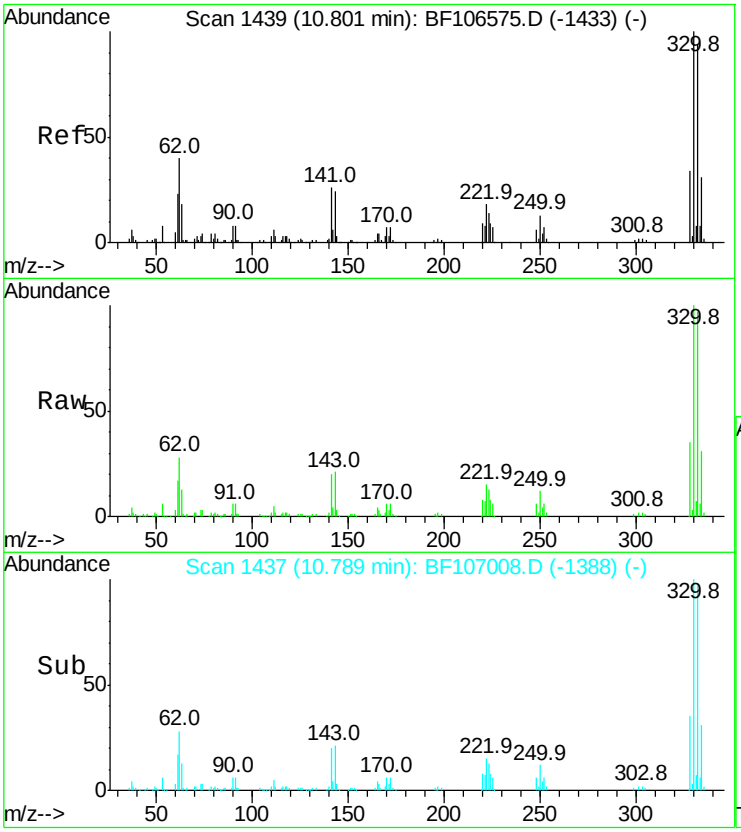


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF107008.D
Acq: 30 Jun 2018 12:23

Tgt Ion:164 Resp: 118604

Ion	Ratio	Lower	Upper
164	100		
162	94.6	86.1	129.1
160	42.5	38.3	57.5



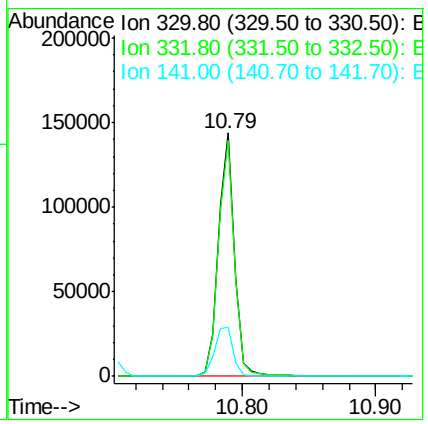


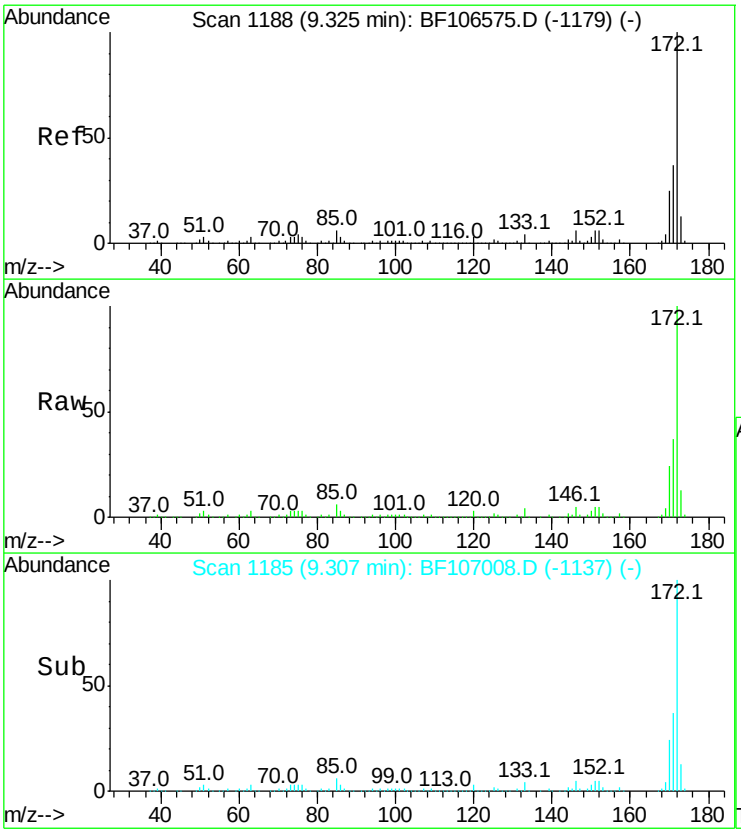
#41
2,4,6-Tribromophenol
Concen: 89.474 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF107008.D
Acq: 30 Jun 2018 12:23

Instrument :
BNA_F
ClientSampleId :
SB-4(3-5)

Tgt Ion:330 Resp: 122995

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	23.0	29.9	44.9#

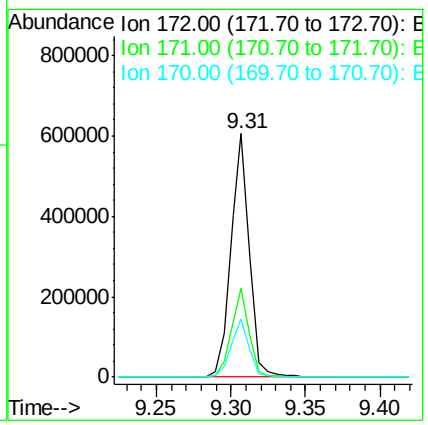


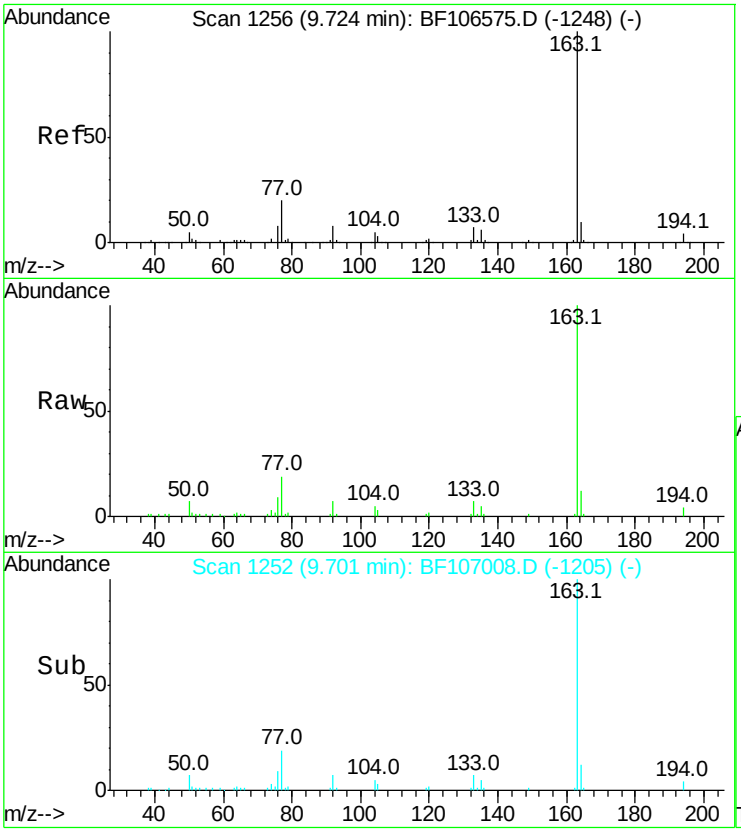


#44
2-Fluorobiphenyl
Concen: 73.635 ng
RT: 9.31 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF107008.D
Acq: 30 Jun 2018 12:23

Tgt Ion:172 Resp: 529791

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.0	19.6	29.4



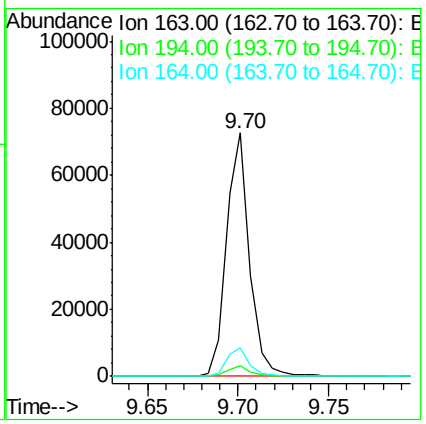


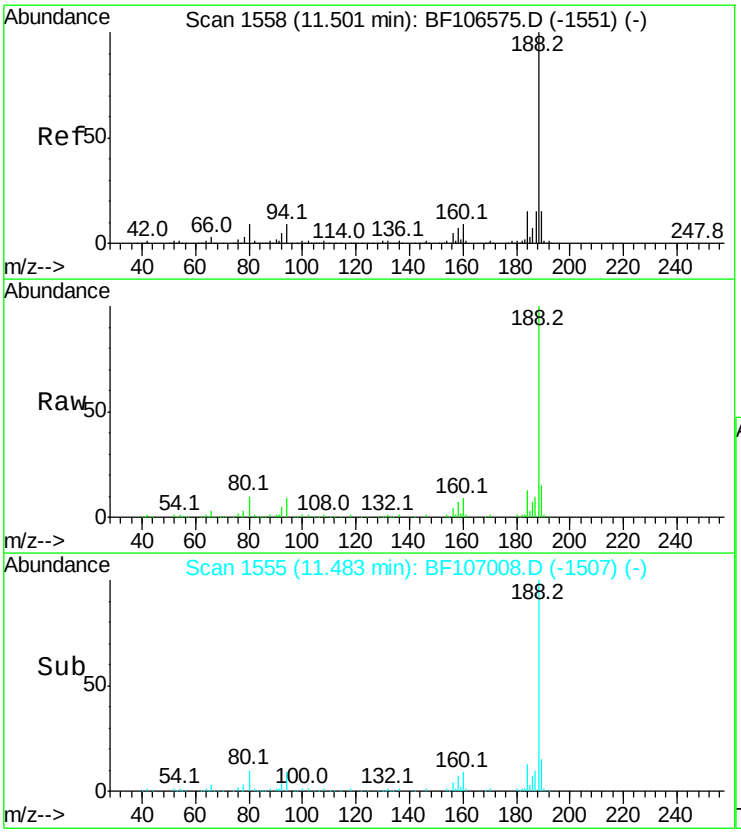
#49
Dimethylphthalate
Concen: 7.176 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF107008.D
Acq: 30 Jun 2018 12:23

Instrument :
BNA_F
ClientSampleId :
SB-4(3-5)

Tgt Ion:163 Resp: 63831

Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	11.6	8.2	12.2

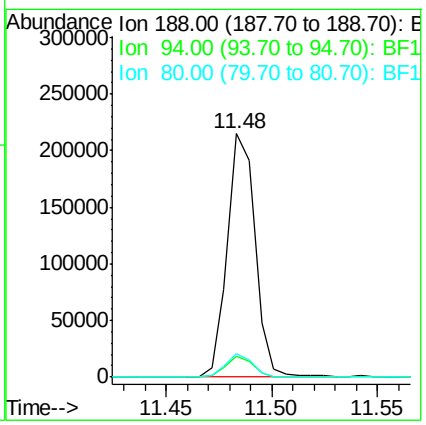


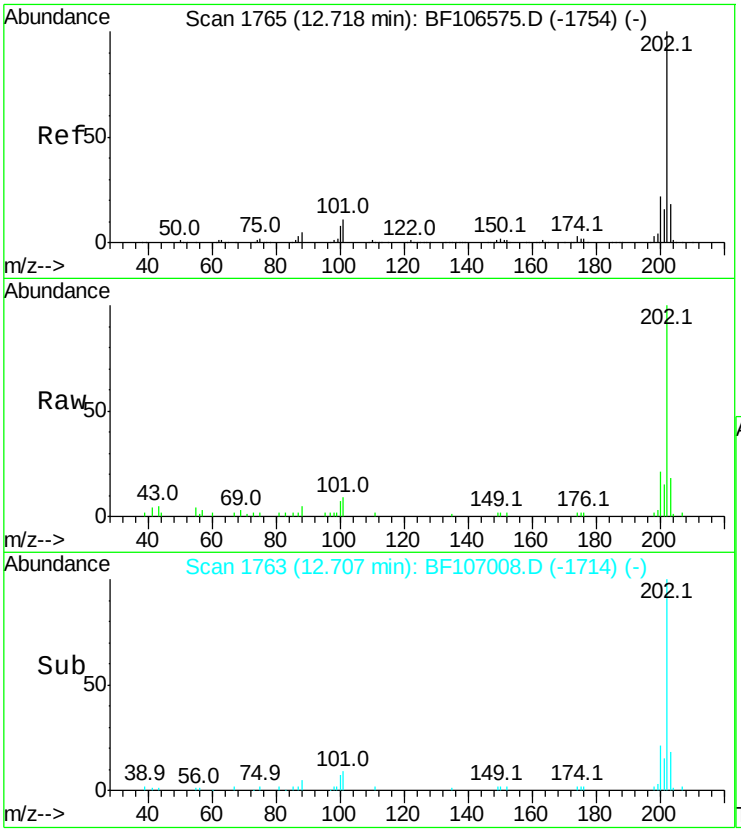


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF107008.D
Acq: 30 Jun 2018 12:23

Tgt Ion:188 Resp: 195677

Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.5	12.7
80	9.6	9.2	13.8



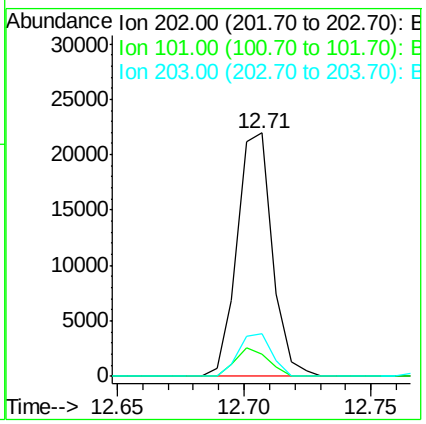


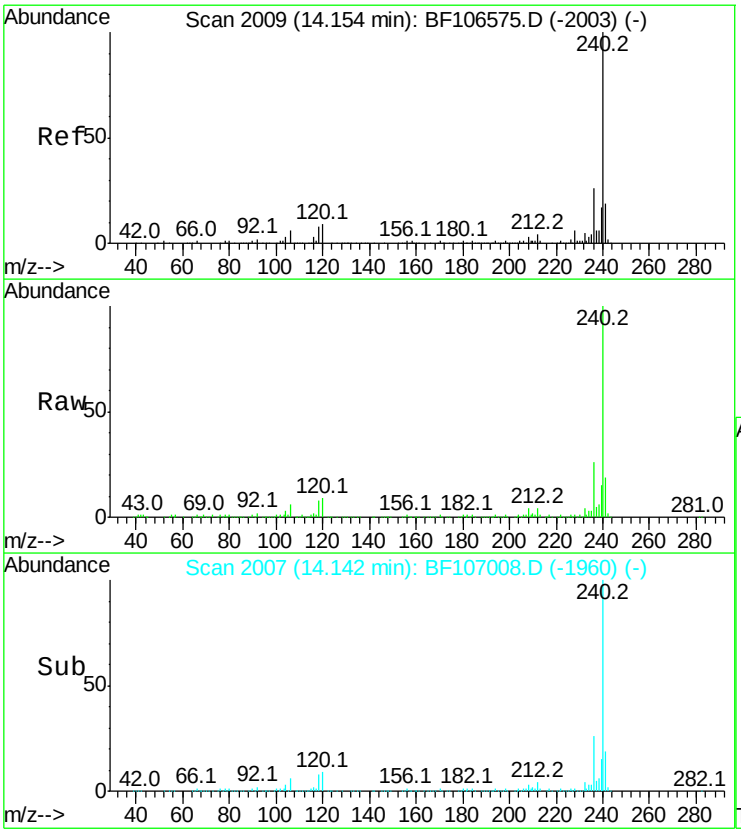
#74
Fluoranthene
Concen: 2.032 ng
RT: 12.71 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BF107008.D
Acq: 30 Jun 2018 12:23

Instrument :
BNA_F
ClientSampleId :
SB-4(3-5)

Tgt Ion:202 Resp: 21142

Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	34.1
203	17.7	0.0	38.1

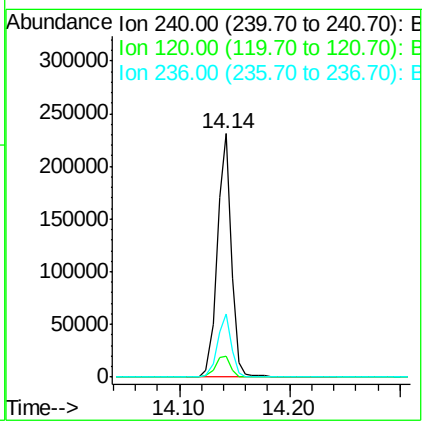


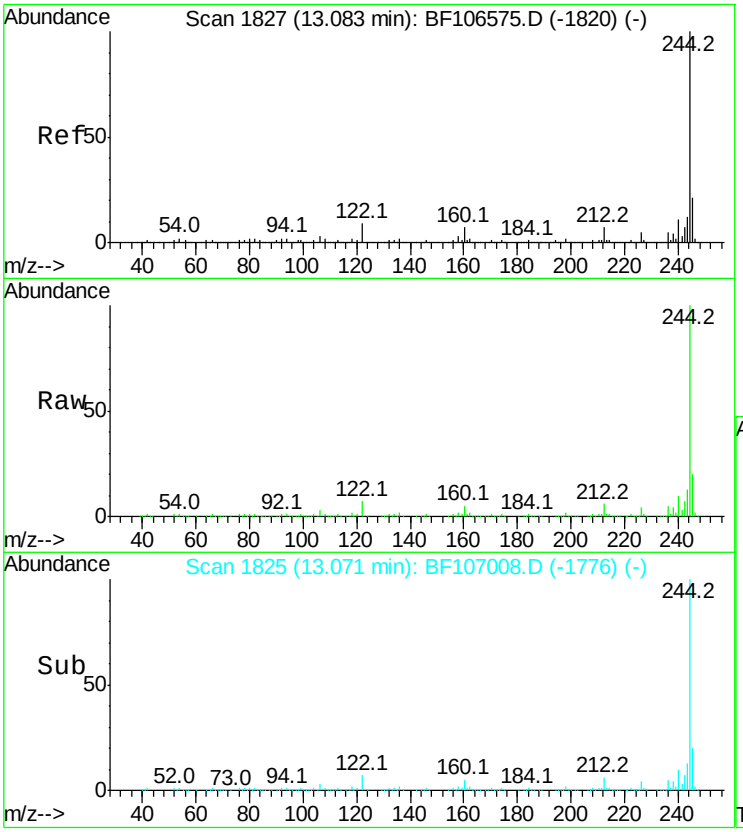


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF107008.D
Acq: 30 Jun 2018 12:23

Tgt Ion:240 Resp: 203624

Ion	Ratio	Lower	Upper
240	100		
120	8.6	9.5	14.3#
236	26.0	20.7	31.1



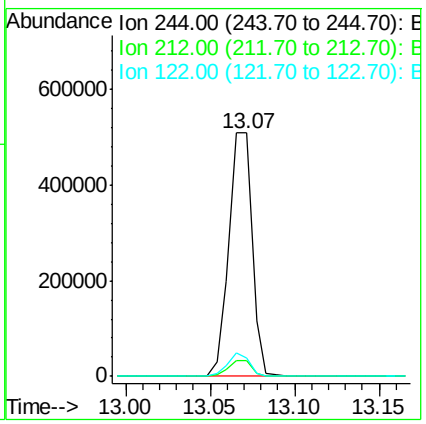


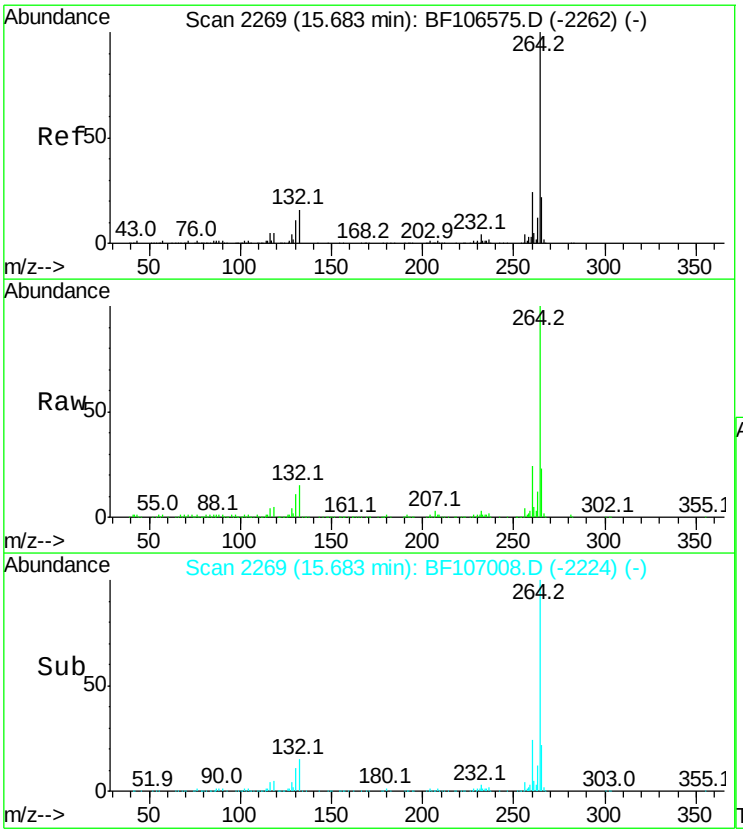
#78
Terphenyl-d14
Concen: 57.993 ng
RT: 13.07 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF107008.D
Acq: 30 Jun 2018 12:23

Instrument : BNA_F
ClientSampleId : SB-4(3-5)

Tgt Ion:244 Resp: 487504

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	7.4	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.04 min
Lab File: BF107008.D
Acq: 30 Jun 2018 12:23

Tgt Ion:264 Resp: 219809

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.6	17.5	26.3