Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070718\
Data File : BF107200.D
Acq On : 7 Jul 2018 12:30
Operator : JU/SJ
Sample : J3791-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ZER-SB-03-11-72

Quant Time: Jul 09 03:22:05 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	6.94	152	59333	20.00	ng	-0.02
21) Naphthalene-d8	8.22	136	235177	20.00	ng	-0.02
38) Acenaphthene-d10	9.98	164	121530	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	241484	20.00	ng	-0.02
75) Chrysene-d12	14.13	240	174733	20.00	ng	-0.04
86) Perylene-d12	15.67	264	172167	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	344902	98.43	ng	-0.01
7) Phenol-d6	6.59	99	436385	99.73	ng	-0.02
23) Nitrobenzene-d5	7.51	82	273669	64.67	ng	-0.02
41) 2,4,6-Tribromophenol	10.78	330	149086	105.84	ng	-0.02
44) 2-Fluorobiphenyl	9.30	172	476695	62.49	ng	-0.02
78) Terphenyl-d14	13.07	244	537014	74.45	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.70	163	93965	10.309	ng	# 98

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

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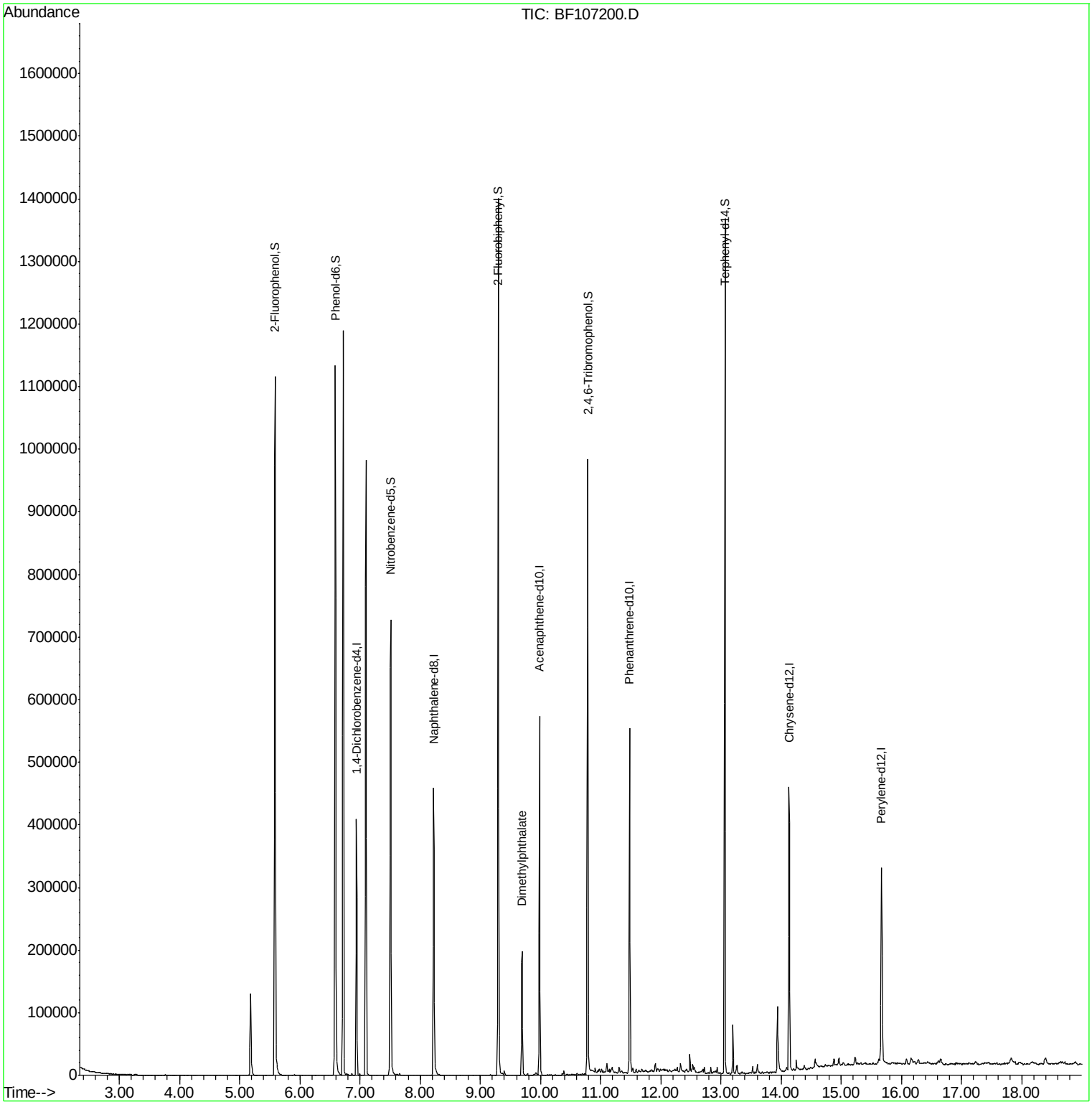
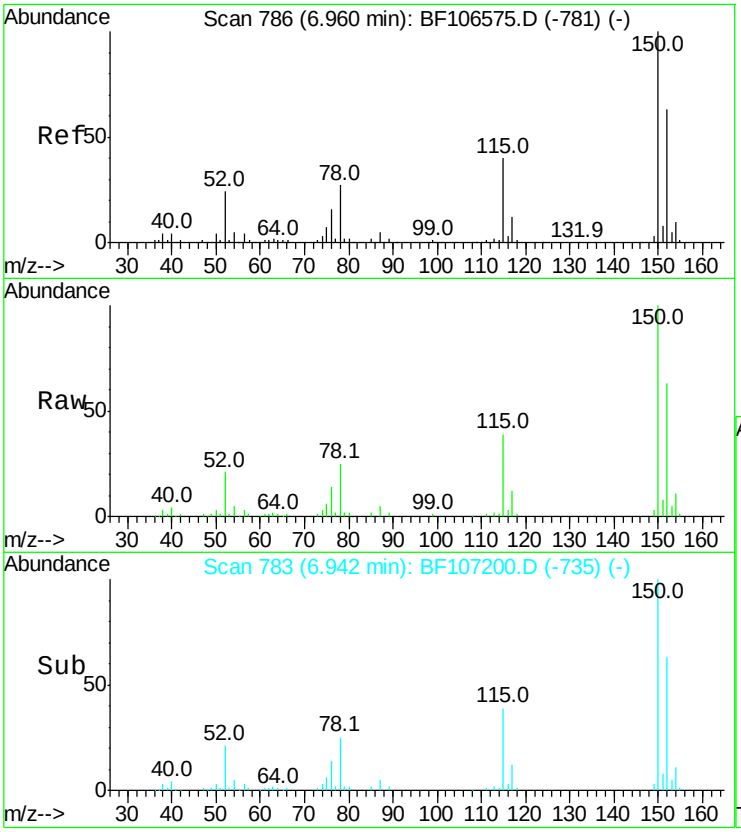


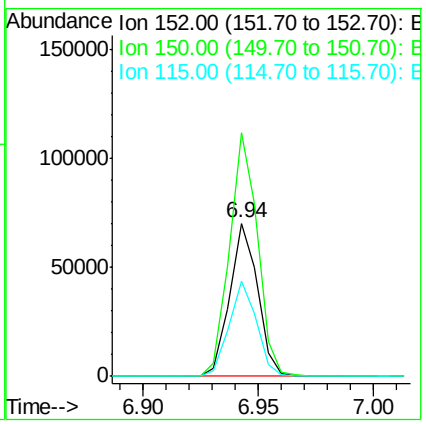


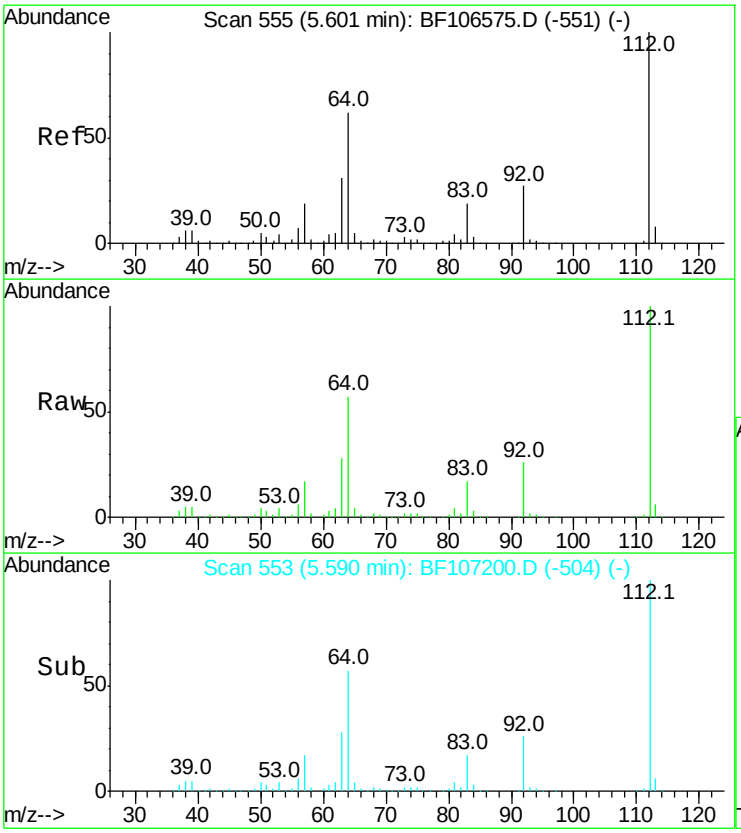
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF107200.D
Acq: 7 Jul 2018 12:30

Instrument :
BNA_F
ClientSampleId :
ZER-SB-03-11-72

Tgt Ion:152 Resp: 59333

Ion	Ratio	Lower	Upper
152	100		
150	159.3	124.6	186.8
115	62.4	50.1	75.1

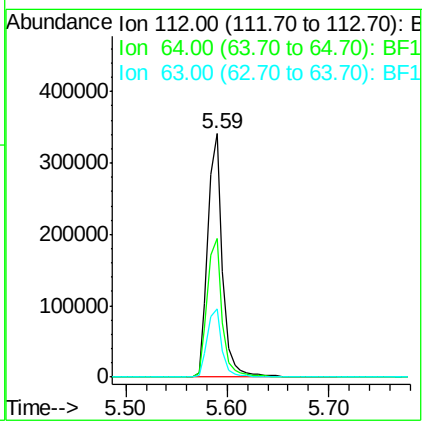


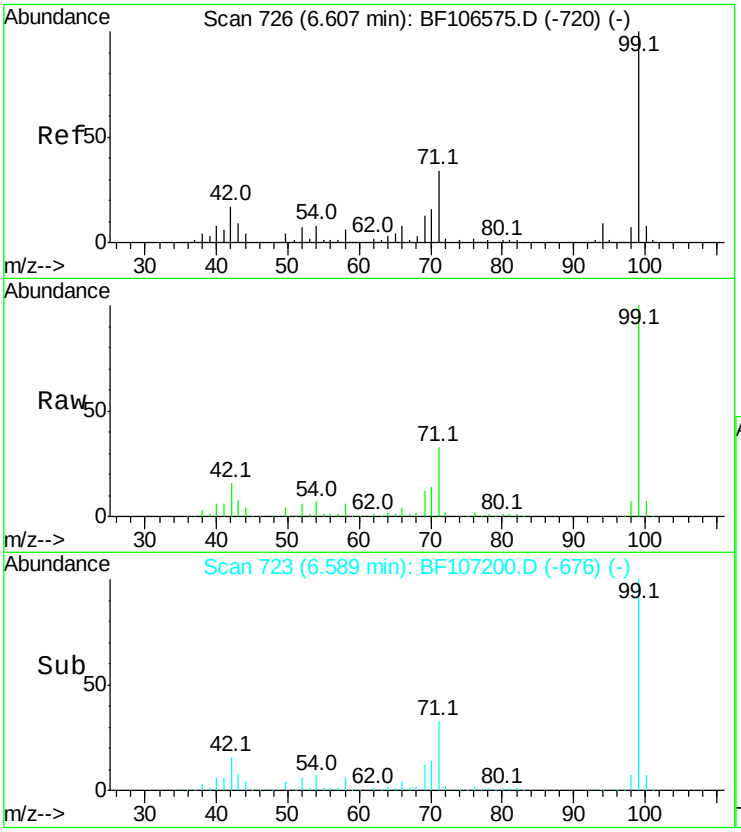


#5
2-Fluorophenol
Concen: 98.432 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF107200.D
Acq: 7 Jul 2018 12:30

Tgt Ion:112 Resp: 344902

Ion	Ratio	Lower	Upper
112	100		
64	56.8	47.9	71.9
63	28.0	23.7	35.5



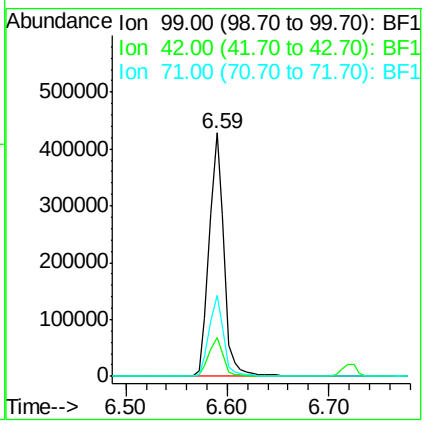


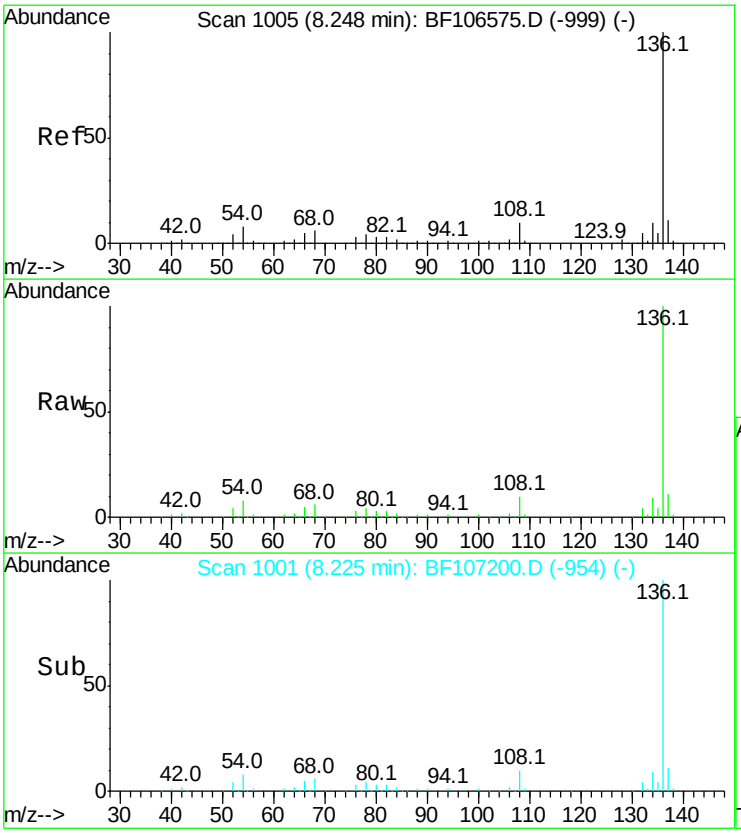
#7
Phenol-d6
Concen: 99.728 ng
RT: 6.59 min Scan# 723
Delta R.T. -0.02 min
Lab File: BF107200.D
Acq: 7 Jul 2018 12:30

Instrument :
BNA_F
ClientSampleId :
ZER-SB-03-11-72

Tgt Ion: 99 Resp: 436385

Ion	Ratio	Lower	Upper
99	100		
42	15.9	14.5	21.7
71	33.1	25.4	38.0

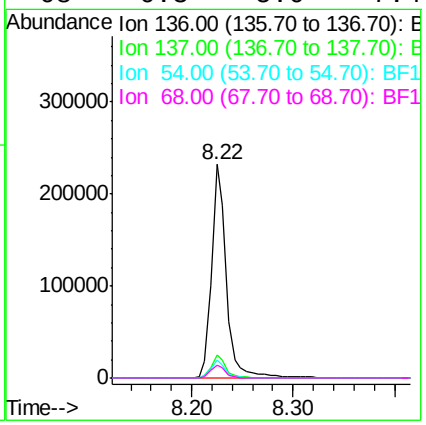


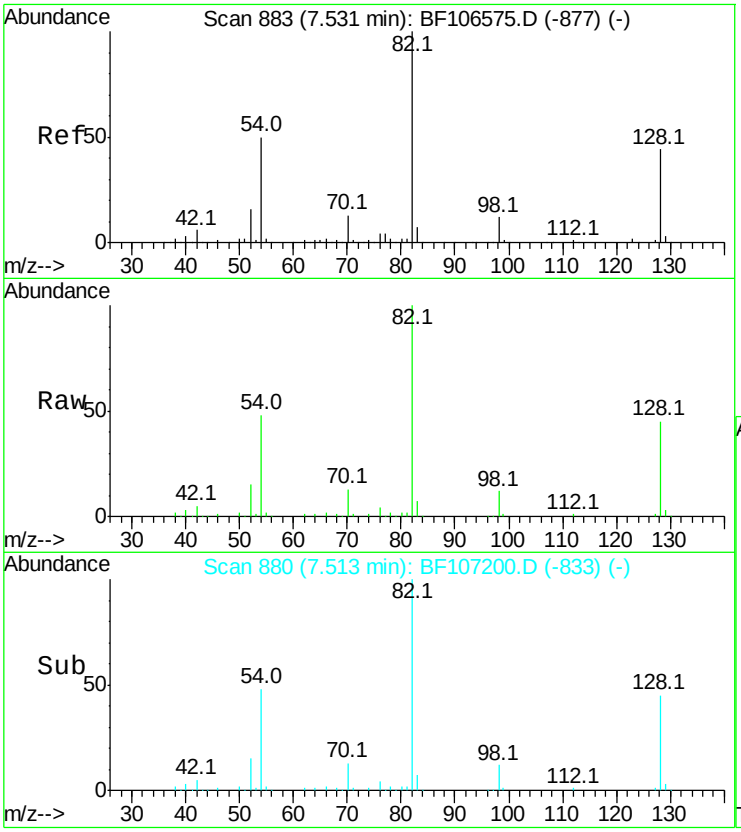


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BF107200.D
Acq: 7 Jul 2018 12:30

Tgt Ion:136 Resp: 235177

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.4	6.6	9.8
68	6.3	5.0	7.4



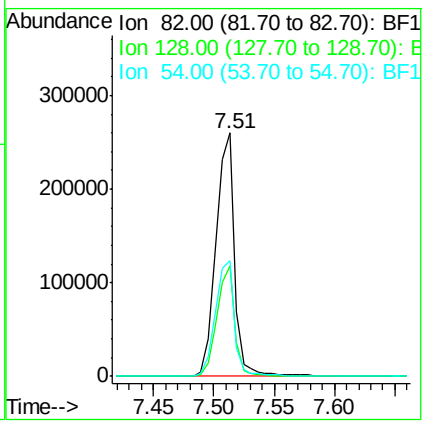


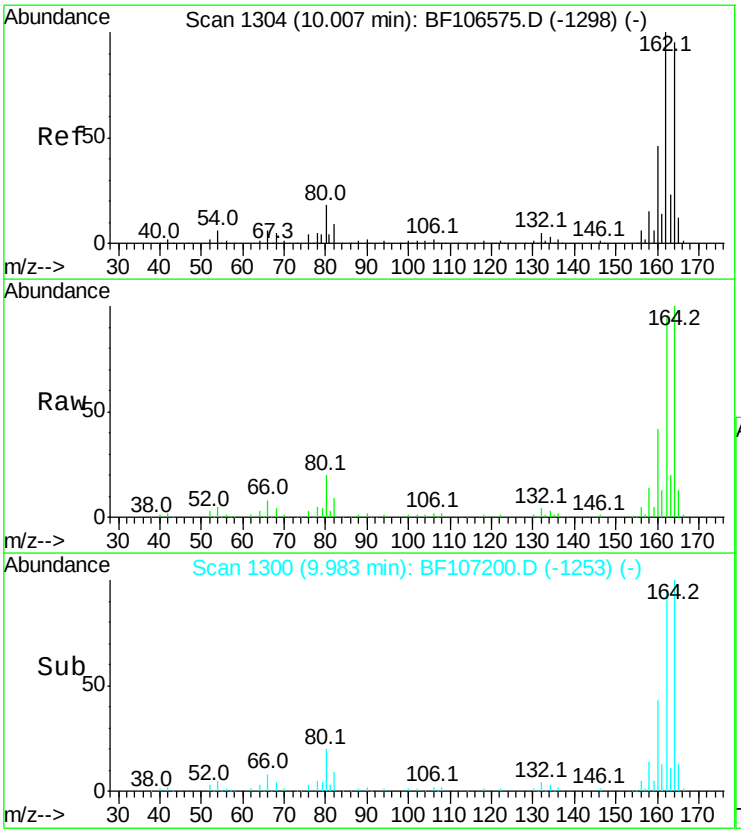
#23
Nitrobenzene-d5
Concen: 64.669 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF107200.D
Acq: 7 Jul 2018 12:30

Instrument :
BNA_F
ClientSampleId :
ZER-SB-03-11-72

Tgt Ion: 82 Resp: 273669

Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.1	54.1
54	47.6	41.4	62.2

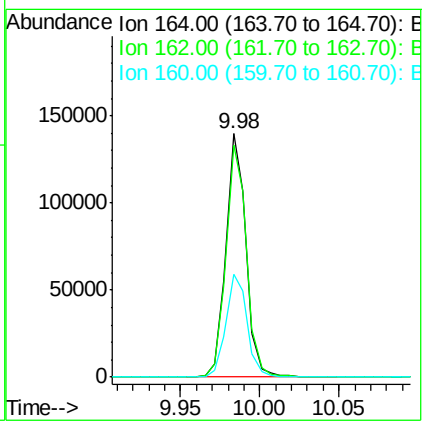


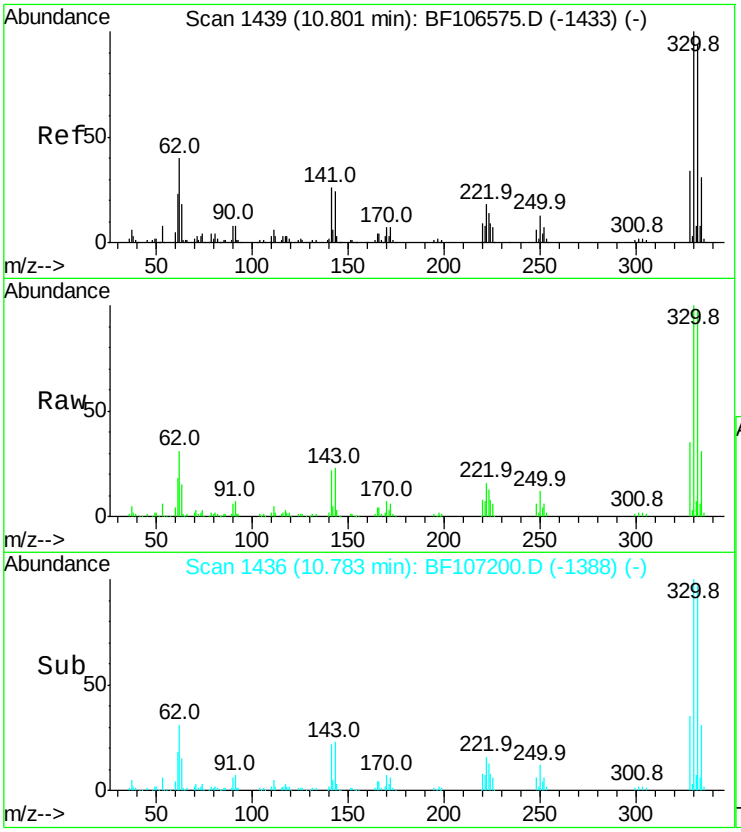


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BF107200.D
Acq: 7 Jul 2018 12:30

Tgt Ion:164 Resp: 121530

Ion	Ratio	Lower	Upper
164	100		
162	95.2	86.1	129.1
160	42.3	38.3	57.5



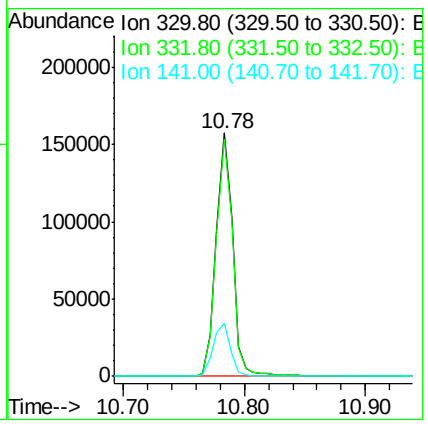


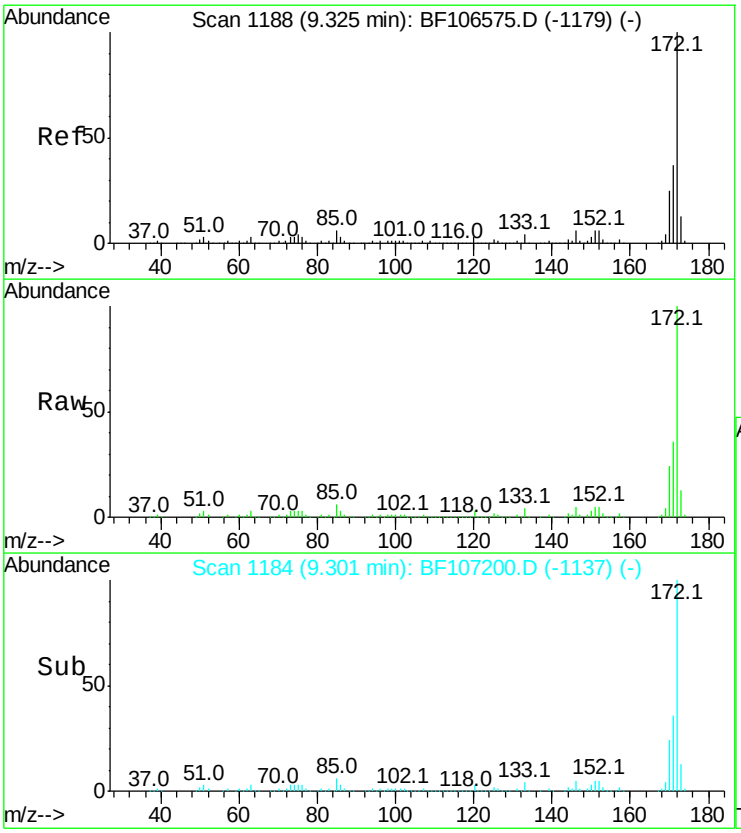
#41
2,4,6-Tribromophenol
Concen: 105.842 ng
RT: 10.78 min Scan# 1436
Delta R.T. -0.02 min
Lab File: BF107200.D
Acq: 7 Jul 2018 12:30

Instrument :
BNA_F
ClientSampleId :
ZER-SB-03-11-72

Tgt Ion:330 Resp: 149086

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	22.7	29.9	44.9#

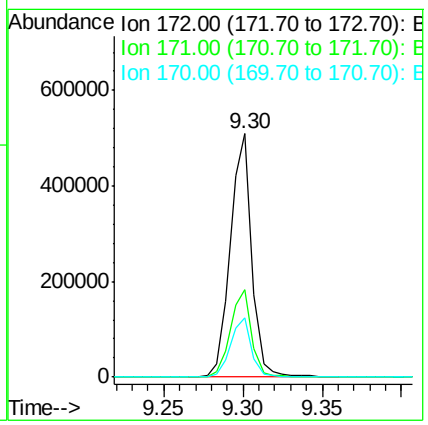


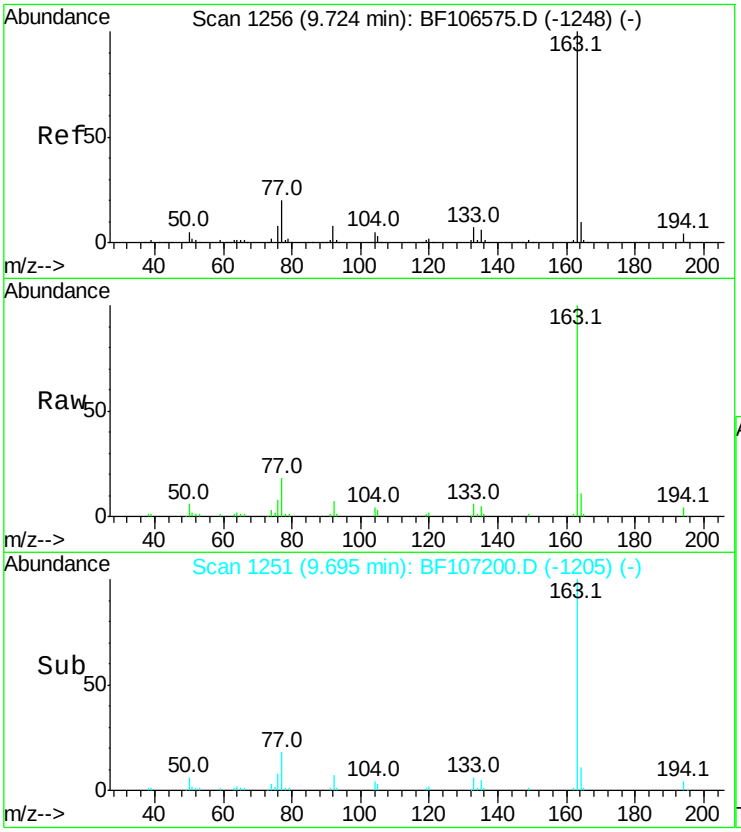


#44
2-Fluorobiphenyl
Concen: 62.485 ng
RT: 9.30 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BF107200.D
Acq: 7 Jul 2018 12:30

Tgt Ion:172 Resp: 476695

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.3	19.6	29.4



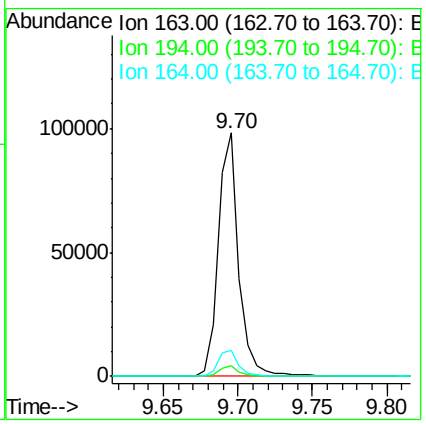


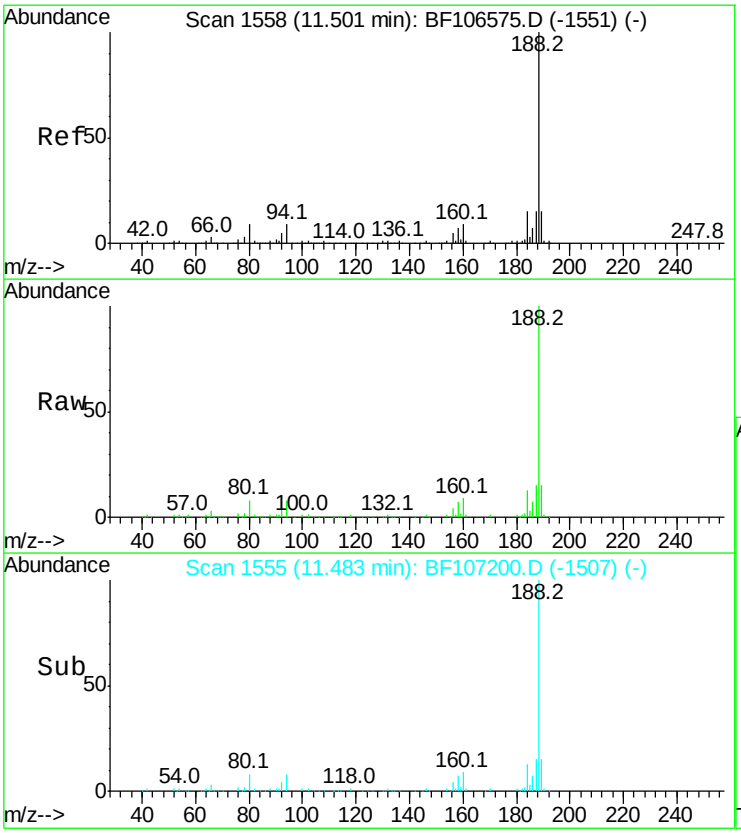
#49
Dimethylphthalate
Concen: 10.309 ng
RT: 9.70 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF107200.D
Acq: 7 Jul 2018 12:30

Instrument :
BNA_F
ClientSampleId :
ZER-SB-03-11-72

Tgt Ion:163 Resp: 93965

Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	10.6	8.2	12.2

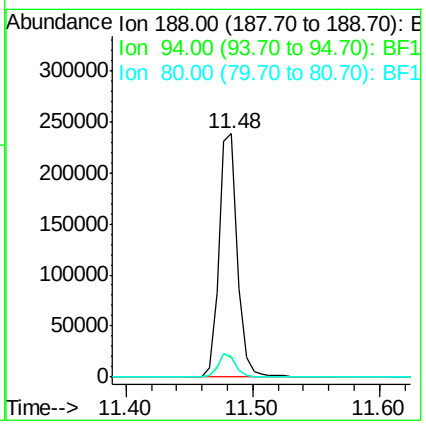


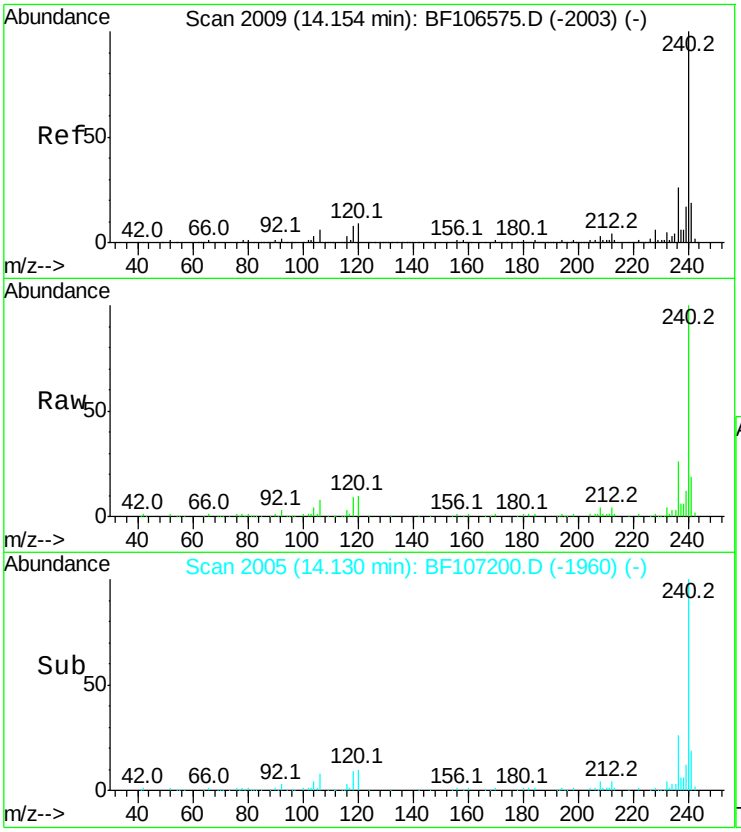


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF107200.D
Acq: 7 Jul 2018 12:30

Tgt Ion:188 Resp: 241484

Ion	Ratio	Lower	Upper
188	100		
94	8.0	8.5	12.7#
80	8.4	9.2	13.8#



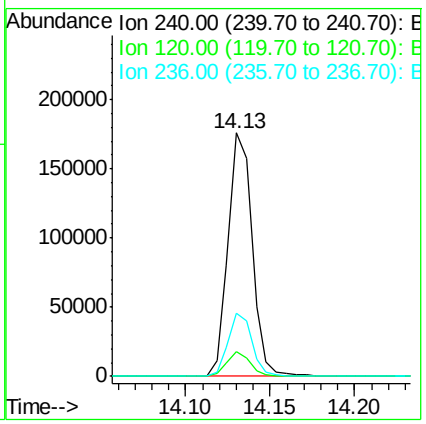


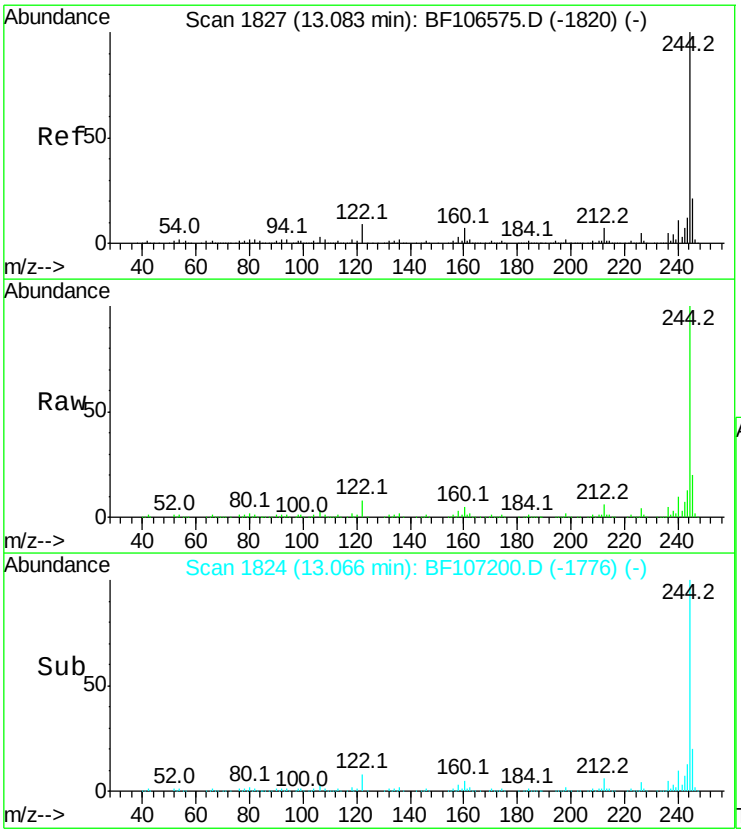
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2005
Delta R.T. -0.04 min
Lab File: BF107200.D
Acq: 7 Jul 2018 12:30

Instrument :
BNA_F
ClientSampleId :
ZER-SB-03-11-72

Tgt Ion:240 Resp: 174733

Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.5	14.3
236	25.8	20.7	31.1

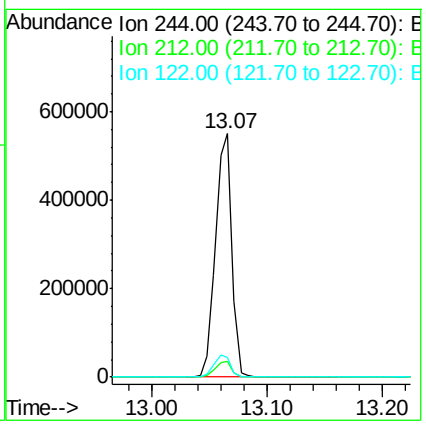


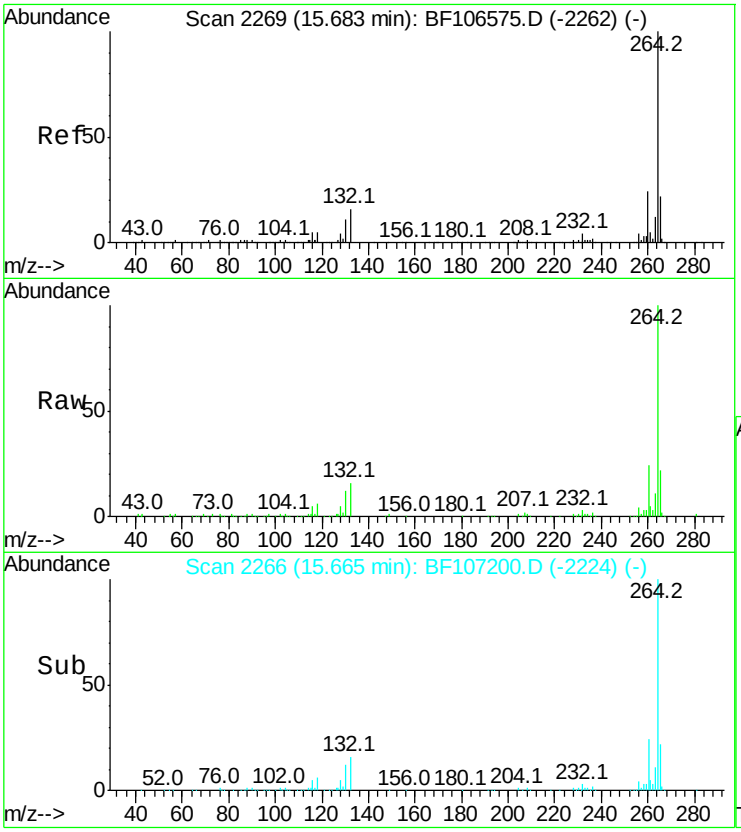


#78
Terphenyl-d14
Concen: 74.445 ng
RT: 13.07 min Scan# 1824
Delta R.T. -0.02 min
Lab File: BF107200.D
Acq: 7 Jul 2018 12:30

Tgt Ion:244 Resp: 537014

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	8.2	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2266
Delta R.T. -0.05 min
Lab File: BF107200.D
Acq: 7 Jul 2018 12:30

Instrument :
BNA_F
ClientSampleId :
ZER-SB-03-11-72

Tgt Ion:264 Resp: 172167

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.8	17.5	26.3