Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070218\
Data File : BF107047.D
Acq On : 2 Jul 2018 16:32
Operator : JU/SJ
Sample : J3629-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A0C10-02

Quant Time: Jul 03 08:57:54 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	61136	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	238341	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	106511	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	195526	20.00	ng	0.00
75) Chrysene-d12	14.16	240	181046	20.00	ng	0.00
86) Perylene-d12	15.72	264	121418	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	43766	12.12	ng	0.00
7) Phenol-d6	6.60	99	51562	11.44	ng	-0.01
23) Nitrobenzene-d5	7.52	82	30625	7.14	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	12872	10.43	ng	0.00
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
78) Terphenyl-d14	13.07	244	80528	10.77	ng	-0.01
Target Compounds						Qvalue

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

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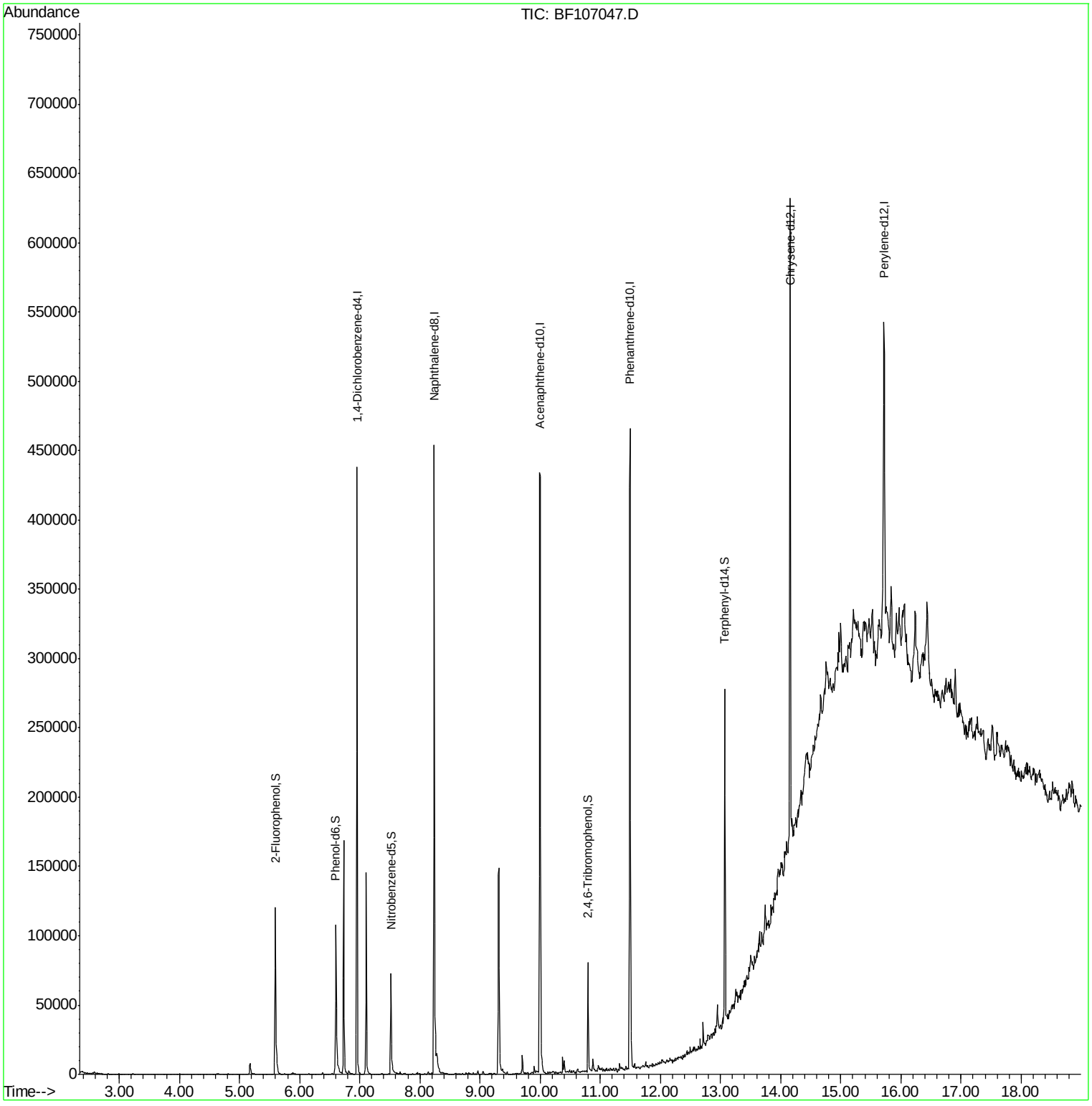
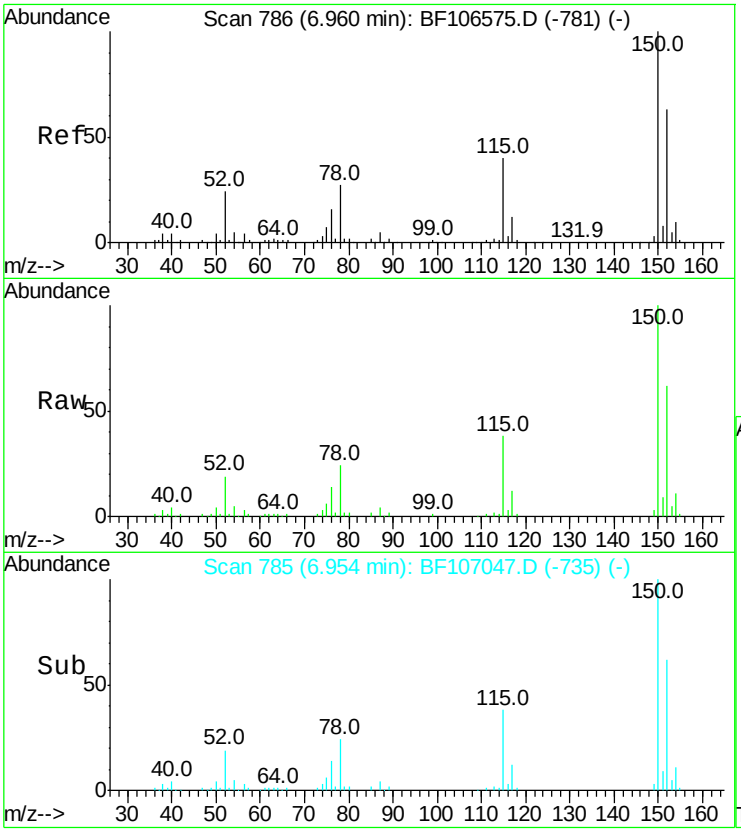


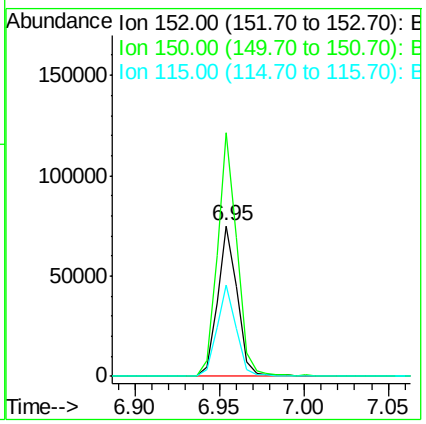


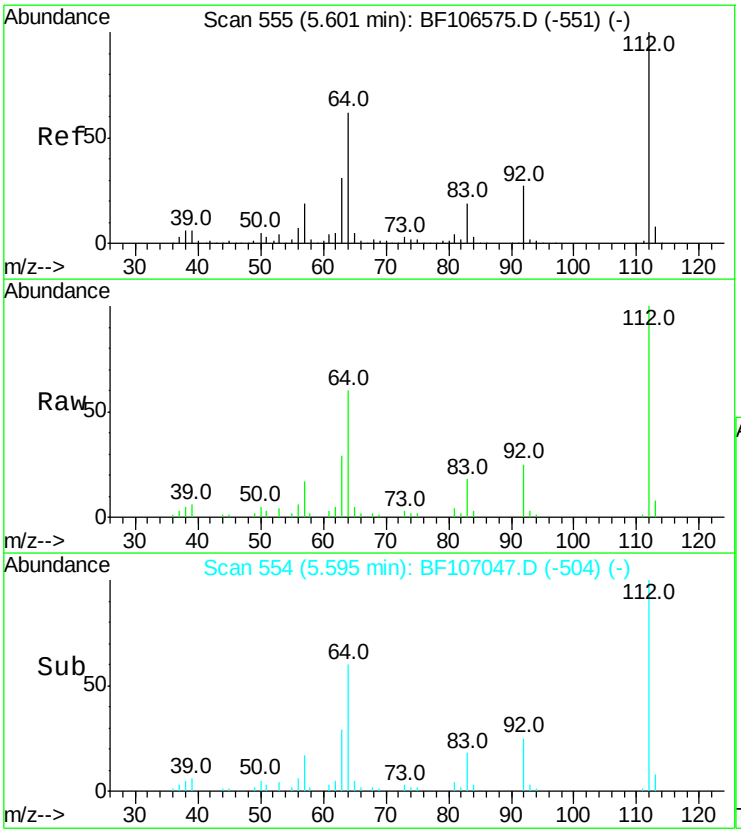
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107047.D
Acq: 2 Jul 2018 16:32

Instrument :
BNA_F
ClientSampleId :
A0C10-02

Tgt Ion:152 Resp: 61136

Ion	Ratio	Lower	Upper
152	100		
150	161.8	124.6	186.8
115	60.7	50.1	75.1

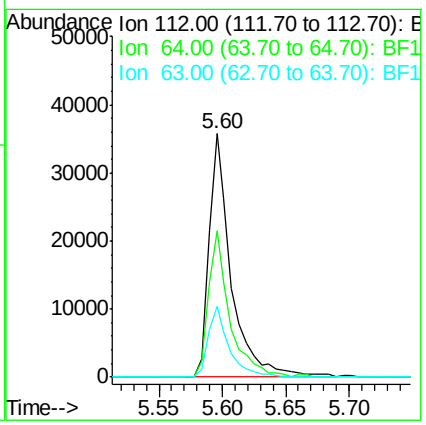


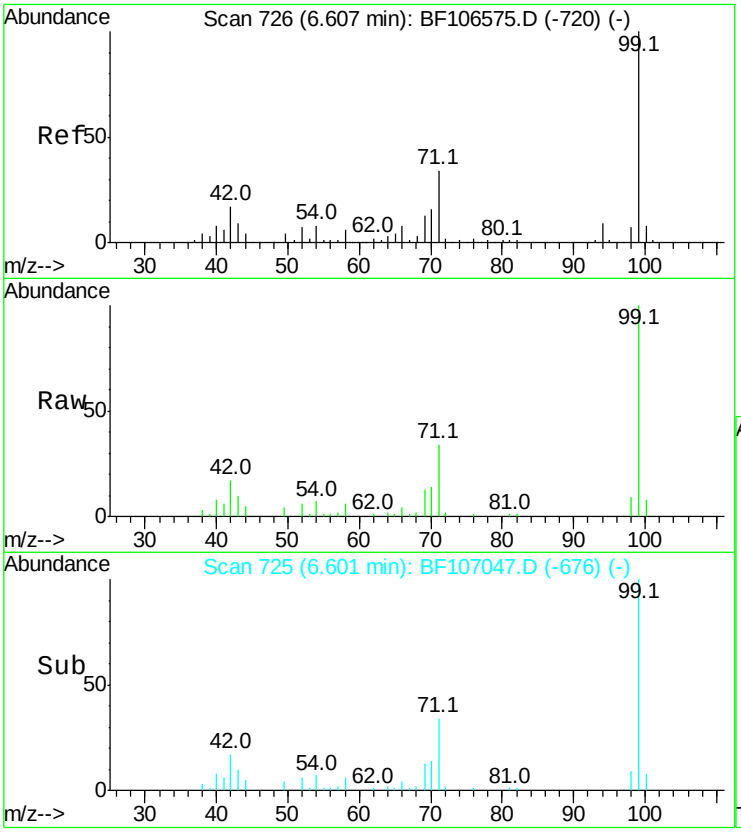


#5
2-Fluorophenol
Concen: 12.122 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107047.D
Acq: 2 Jul 2018 16:32

Tgt Ion:112 Resp: 43766

Ion	Ratio	Lower	Upper
112	100		
64	60.3	47.9	71.9
63	29.3	23.7	35.5



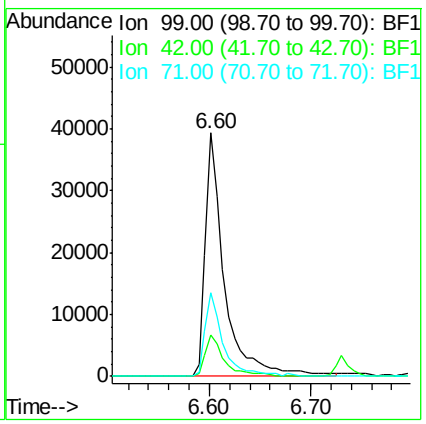


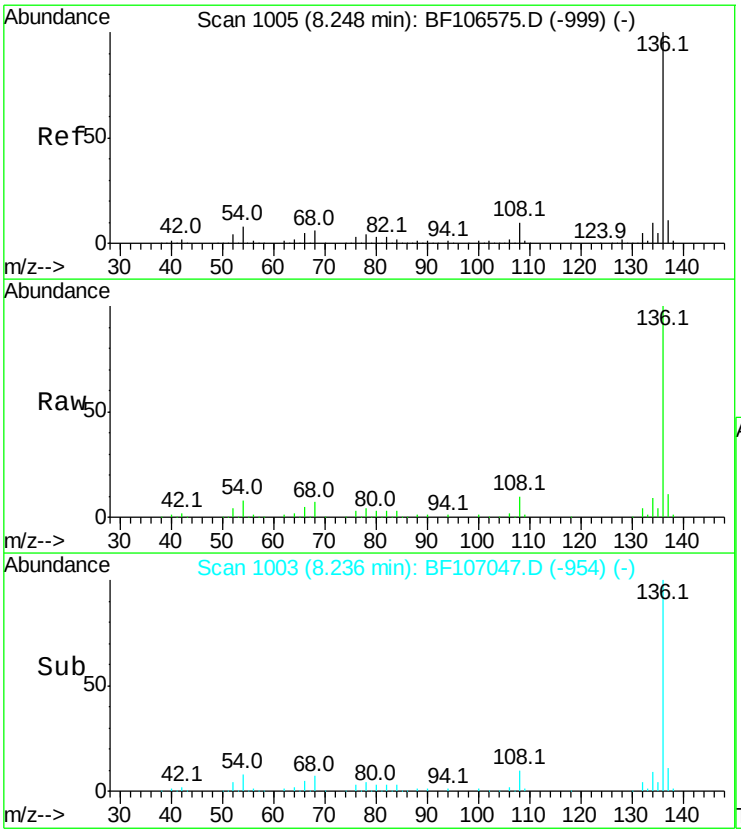
#7
Phenol-d6
Concen: 11.436 ng
RT: 6.60 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF107047.D
Acq: 2 Jul 2018 16:32

Instrument :
BNA_F
ClientSampleId :
A0C10-02

Tgt Ion: 99 Resp: 51562

Ion	Ratio	Lower	Upper
99	100		
42	17.0	14.5	21.7
71	34.5	25.4	38.0

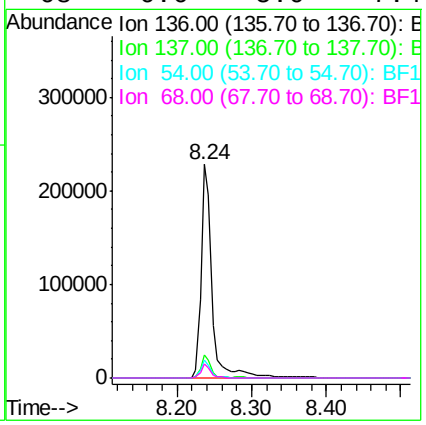


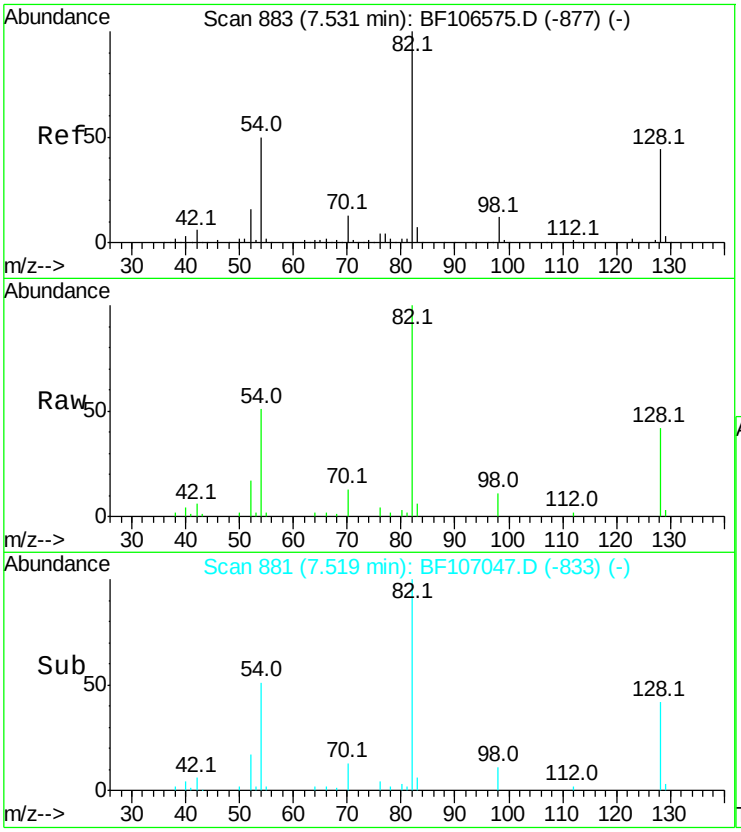


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF107047.D
Acq: 2 Jul 2018 16:32

Tgt Ion:136 Resp: 238341

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.2	6.6	9.8
68	6.6	5.0	7.4



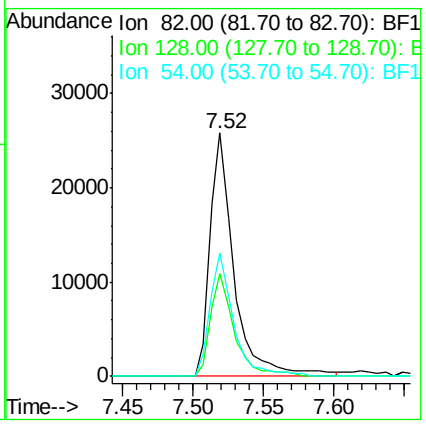


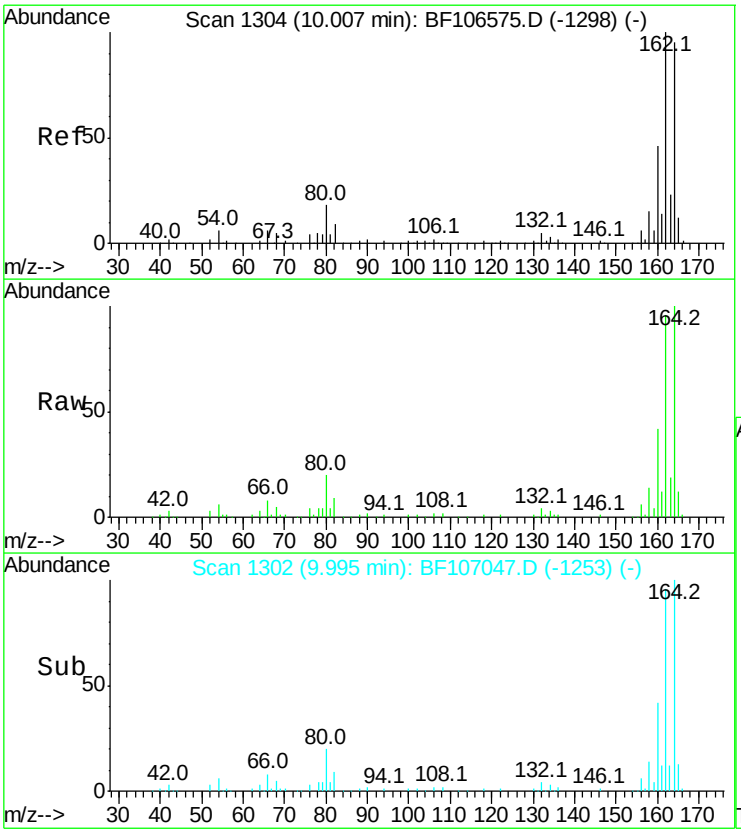
#23
Nitrobenzene-d5
Concen: 7.141 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF107047.D
Acq: 2 Jul 2018 16:32

Instrument :
BNA_F
ClientSampleId :
A0C10-02

Tgt Ion: 82 Resp: 30625

Ion	Ratio	Lower	Upper
82	100		
128	42.1	36.1	54.1
54	50.8	41.4	62.2

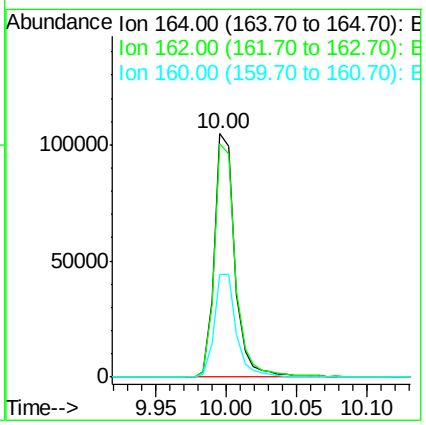


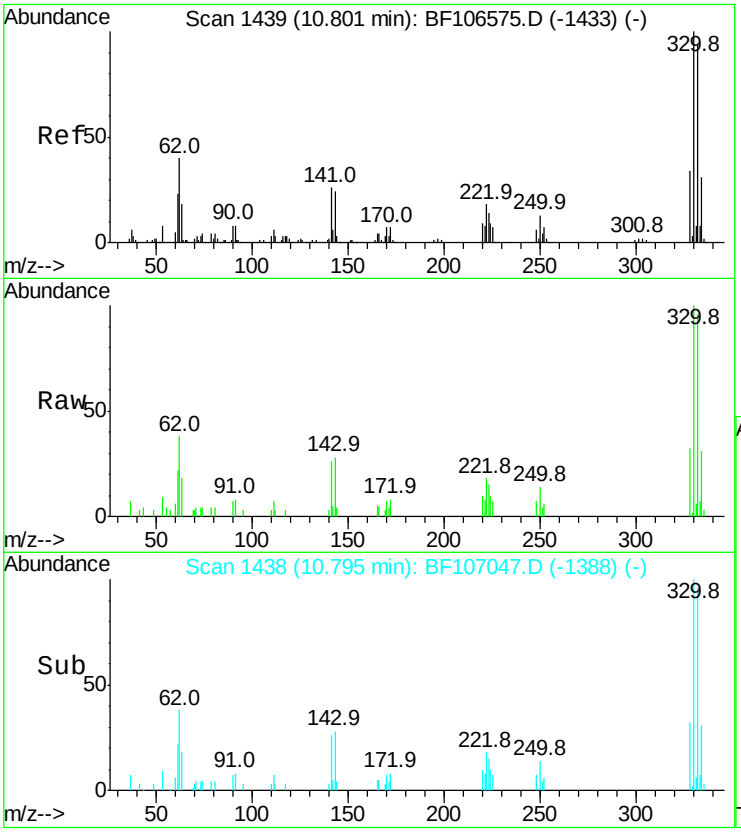


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF107047.D
Acq: 2 Jul 2018 16:32

Tgt Ion:164 Resp: 106511

Ion	Ratio	Lower	Upper
164	100		
162	95.7	86.1	129.1
160	42.0	38.3	57.5



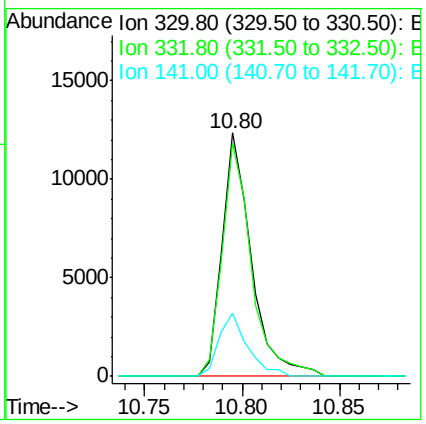


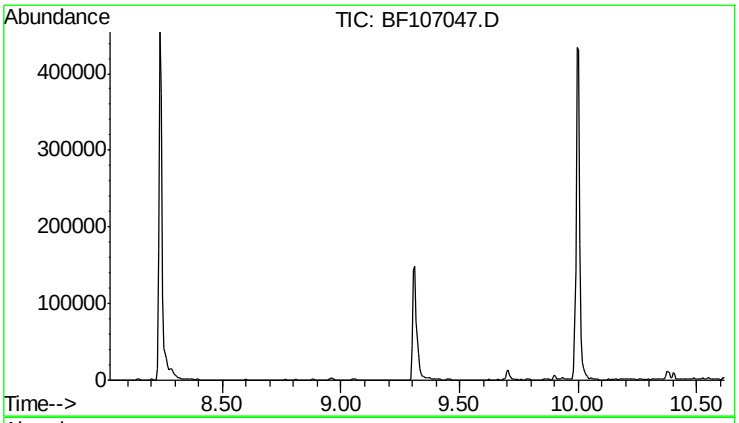
#41
2,4,6-Tribromophenol
Concen: 10.427 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF107047.D
Acq: 2 Jul 2018 16:32

Instrument :
BNA_F
ClientSampleId :
A0C10-02

Tgt Ion:330 Resp: 12872

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	25.4	29.9	44.9#



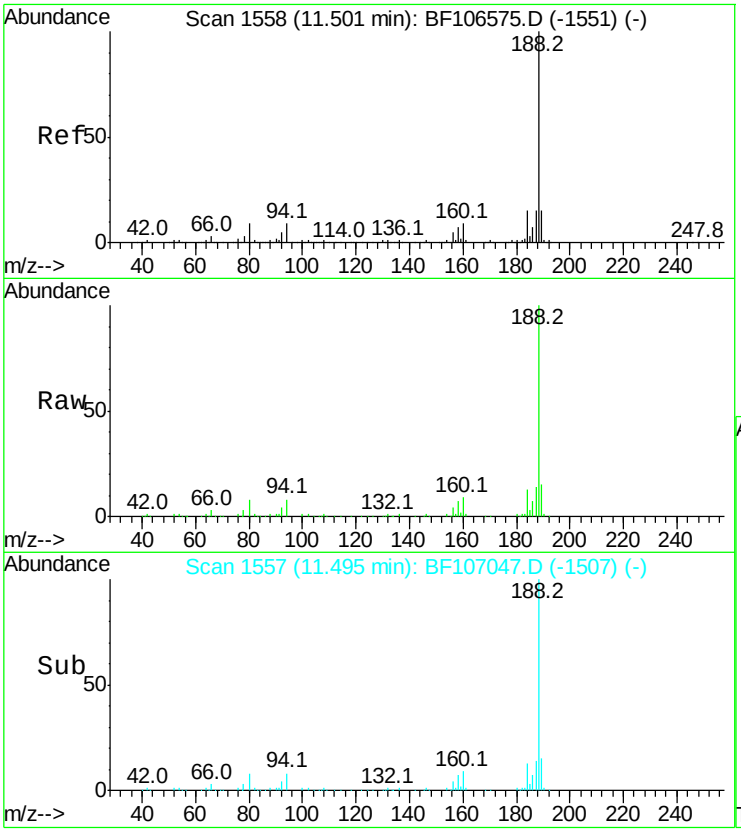


#44
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 9.32 min

Lab File: BF107047.D
Acq: 2 Jul 2018 16:32

Tgt Ion: 172

Sig	Exp Ratio
172	100
171	37.1
170	24.5

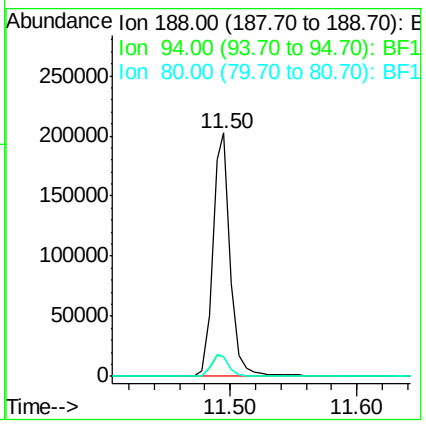


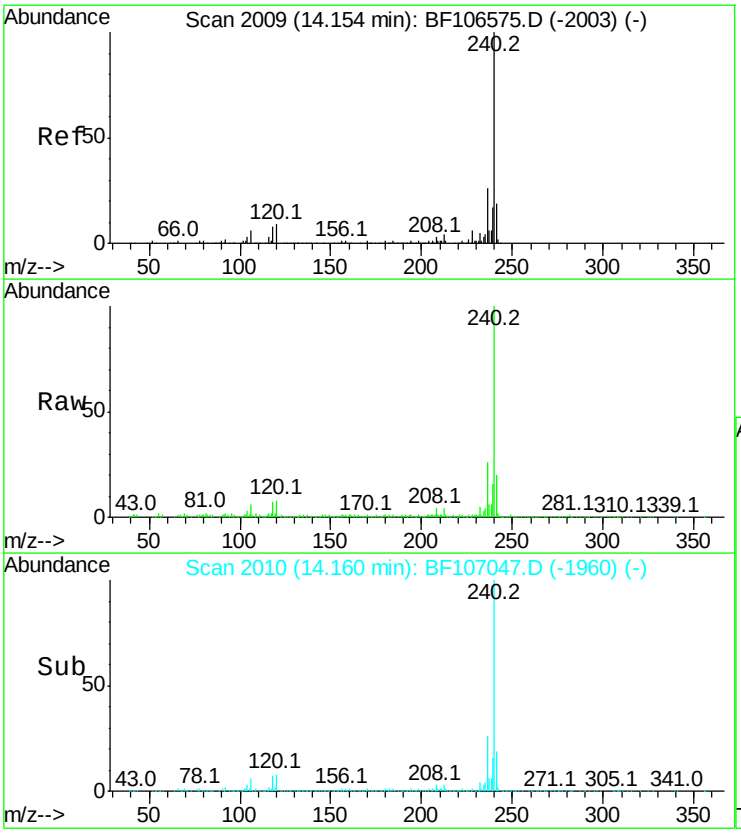
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF107047.D
Acq: 2 Jul 2018 16:32

Instrument :
BNA_F
ClientSampleId :
A0C10-02

Tgt Ion:188 Resp: 195526

Ion	Ratio	Lower	Upper
188	100		
94	7.8	8.5	12.7#
80	8.2	9.2	13.8#

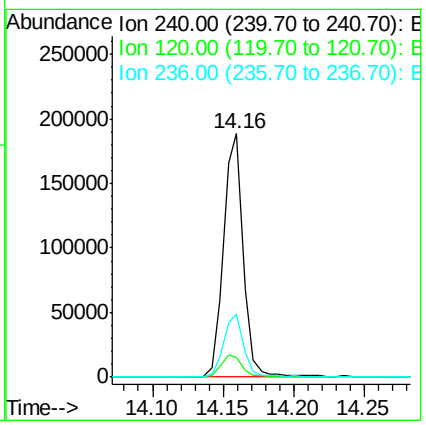


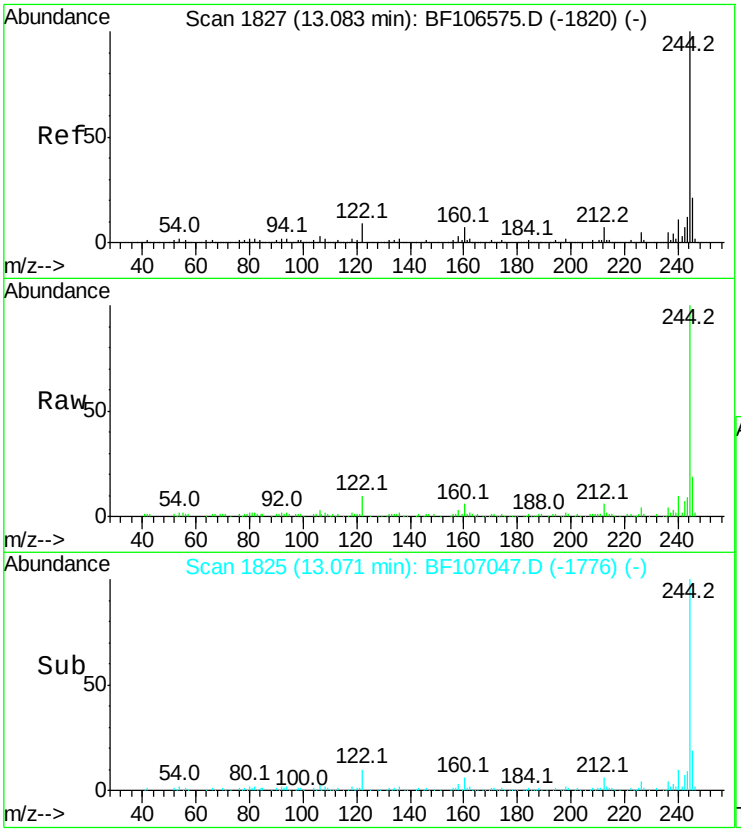


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF107047.D
Acq: 2 Jul 2018 16:32

Tgt Ion:240 Resp: 181046

Ion	Ratio	Lower	Upper
240	100		
120	8.3	9.5	14.3#
236	26.0	20.7	31.1



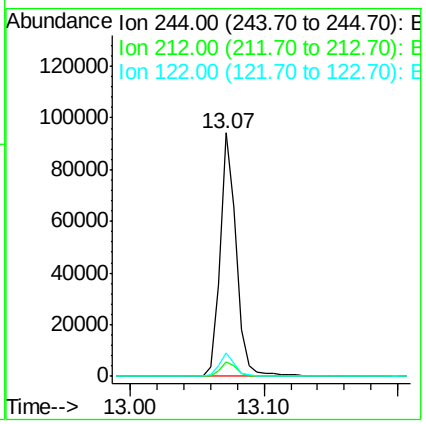


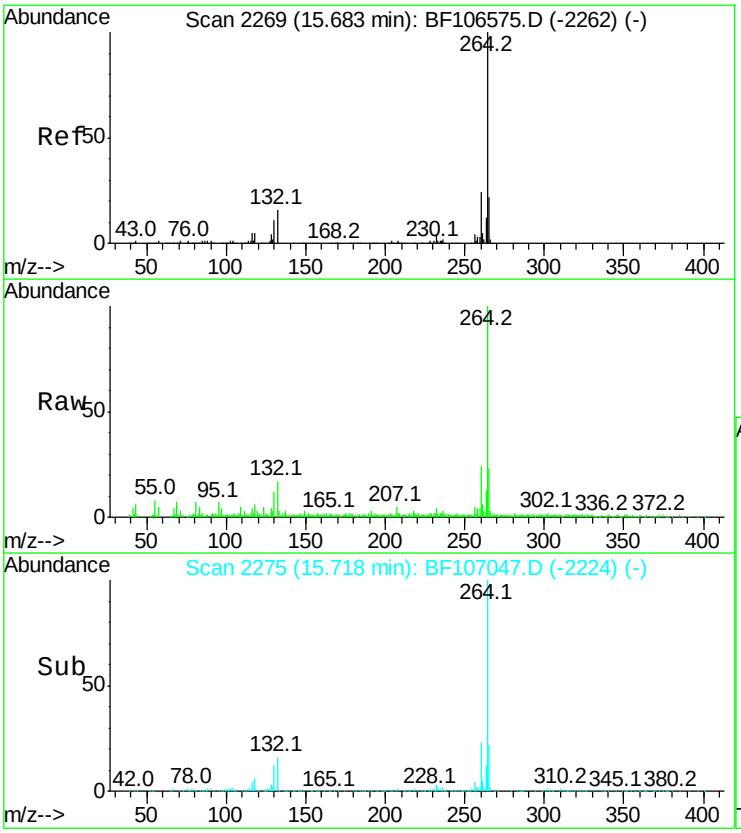
#78
Terphenyl-d14
Concen: 10.774 ng
RT: 13.07 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF107047.D
Acq: 2 Jul 2018 16:32

Instrument :
BNA_F
ClientSampleId :
A0C10-02

Tgt Ion:244 Resp: 80528

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.4	8.0
122	9.6	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.72 min Scan# 2275
Delta R.T. 0.00 min
Lab File: BF107047.D
Acq: 2 Jul 2018 16:32

Tgt Ion:264 Resp: 121418

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	23.3	17.5	26.3