Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071918\
Data File : BF107517.D
Acq On : 19 Jul 2018 20:11
Operator : JU/SJ
Sample : J4051-01 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NS-DEBRIS

Quant Time: Jul 20 01:32:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 18 11:55:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	77295	20.00	ng	-0.01
21) Naphthalene-d8	8.26	136	268900	20.00	ng	-0.01
38) Acenaphthene-d10	10.02	164	126313	20.00	ng	-0.01
63) Phenanthrene-d10	11.51	188	257541	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	150426	20.00	ng	0.02
86) Perylene-d12	15.80	264	136334	20.00	ng	0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	67173	13.20	ng	0.00
7) Phenol-d6	6.61	99	90704	13.78	ng	0.00
23) Nitrobenzene-d5	7.54	82	58670	11.63	ng	-0.02
41) 2,4,6-Tribromophenol	10.81	330	19961	17.99	ng	-0.02
44) 2-Fluorobiphenyl	9.33	172	109632	4.16	ng	-0.02
78) Terphenyl-d14	13.11	244	104637	17.28	ng	0.00
Target Compounds						Qvalue

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

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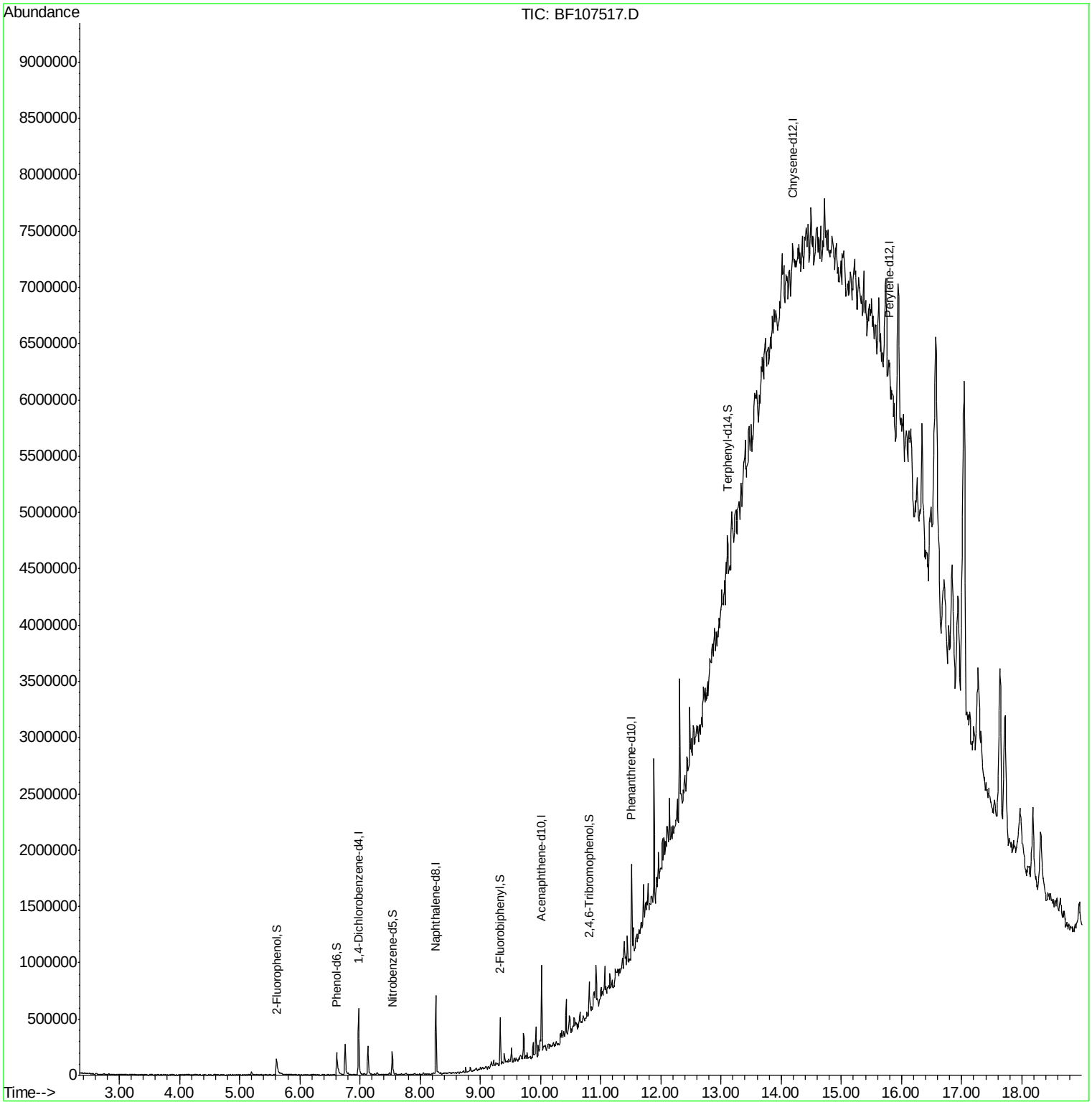
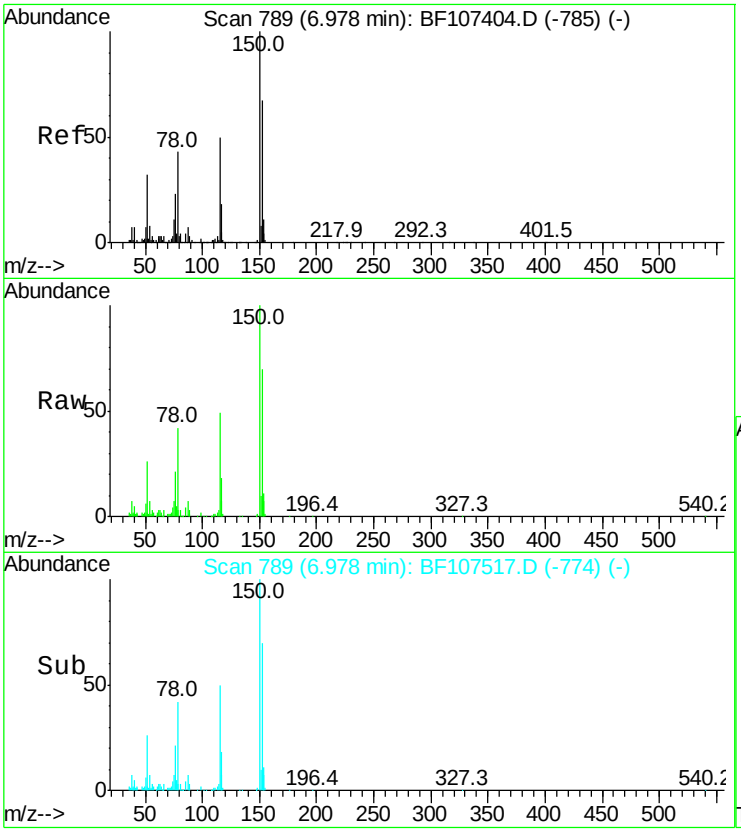


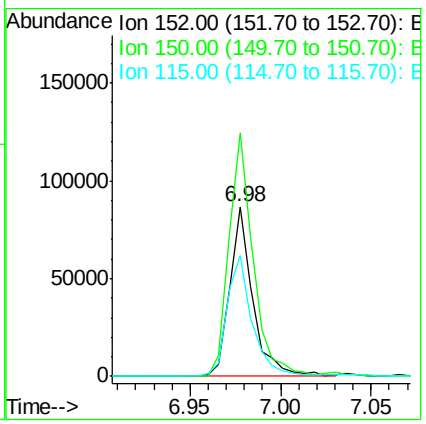


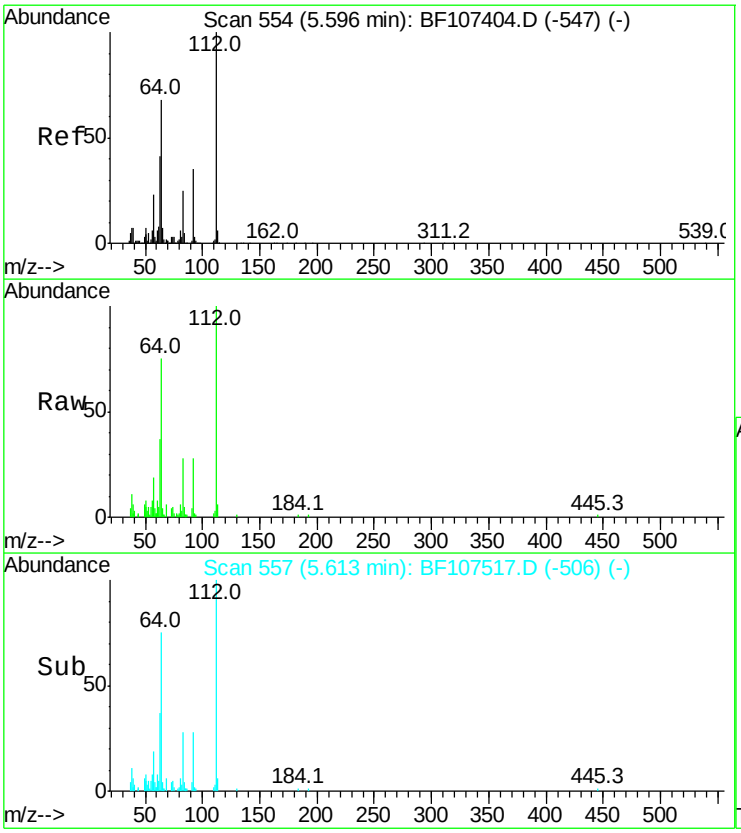
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF107517.D
Acq: 19 Jul 2018 20:11

Instrument :
BNA_F
ClientSampleId :
NS-DEBRIS

Tgt Ion:152 Resp: 77295

Ion	Ratio	Lower	Upper
152	100		
150	143.5	124.6	186.8
115	70.8	50.1	75.1

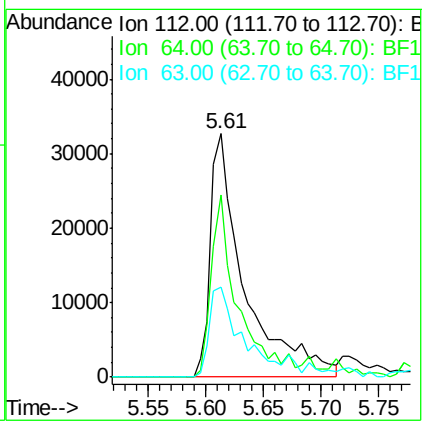


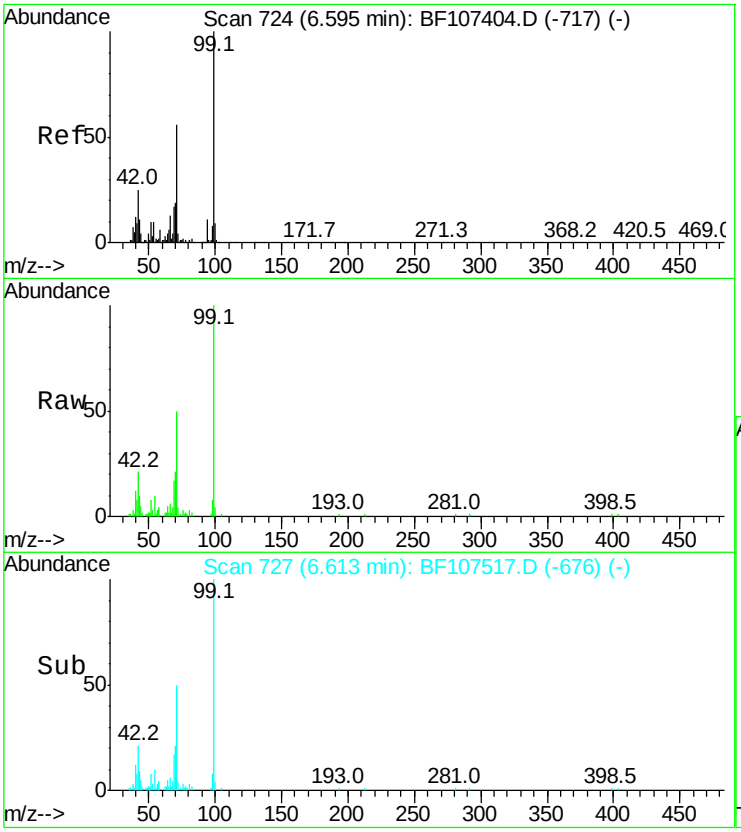


#5
2-Fluorophenol
Concen: 13.199 ng
RT: 5.61 min Scan# 557
Delta R.T. -0.00 min
Lab File: BF107517.D
Acq: 19 Jul 2018 20:11

Tgt Ion:112 Resp: 67173

Ion	Ratio	Lower	Upper
112	100		
64	75.1	47.9	71.9#
63	37.2	23.7	35.5#



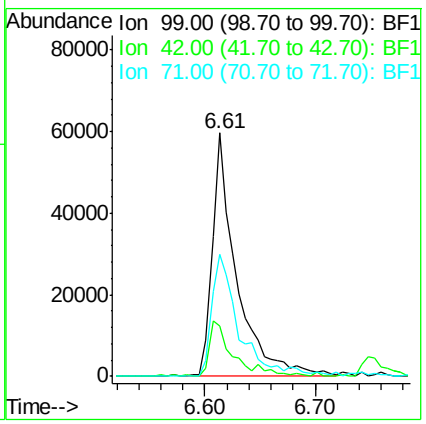


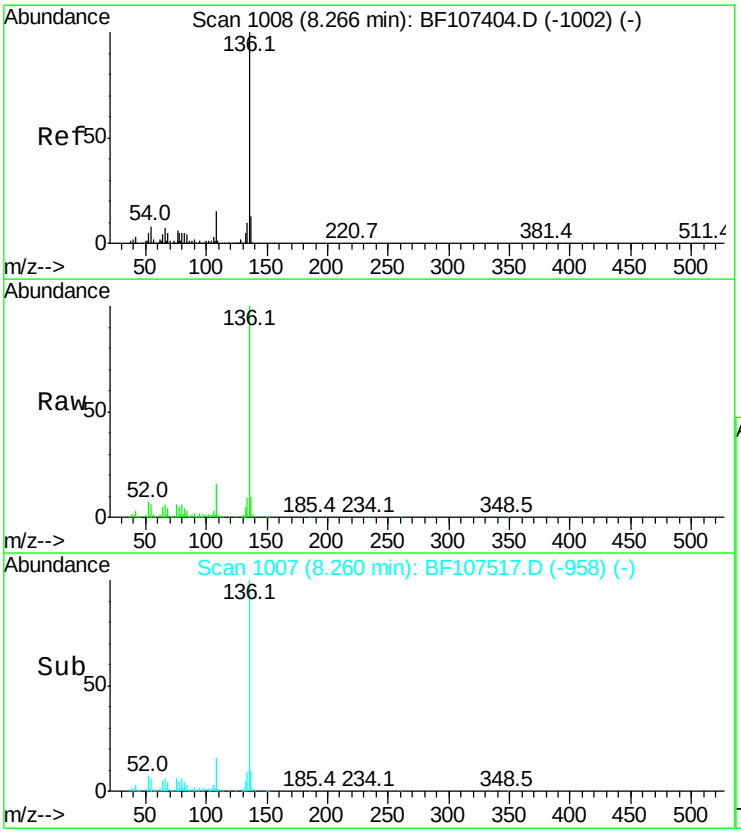
#7
Phenol-d6
Concen: 13.785 ng
RT: 6.61 min Scan# 727
Delta R.T. -0.00 min
Lab File: BF107517.D
Acq: 19 Jul 2018 20:11

Instrument :
BNA_F
ClientSampleId :
NS-DEBRIS

Tgt Ion: 99 Resp: 90704

Ion	Ratio	Lower	Upper
99	100		
42	20.7	14.5	21.7
71	50.3	25.4	38.0#

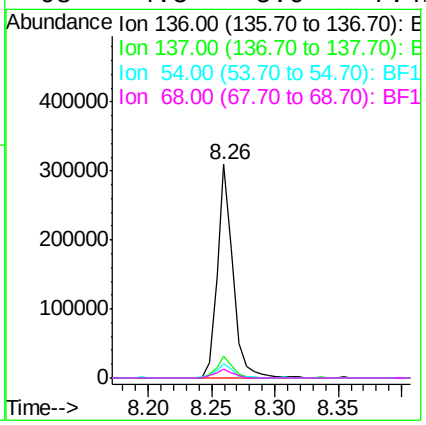


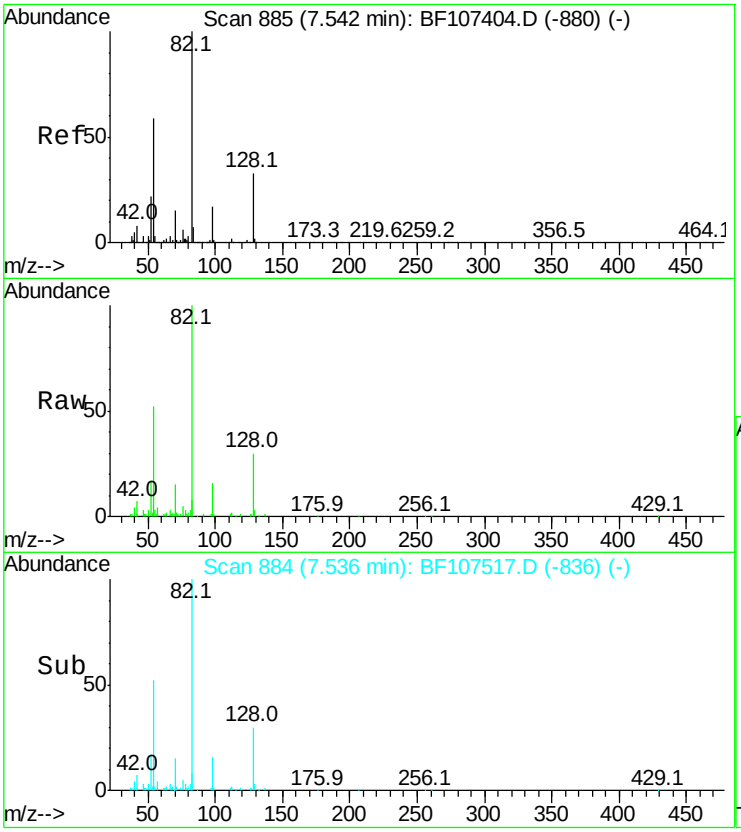


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF107517.D
Acq: 19 Jul 2018 20:11

Tgt Ion:136 Resp: 268900

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.9	13.3
54	6.4	6.6	9.8#
68	4.5	5.0	7.4#



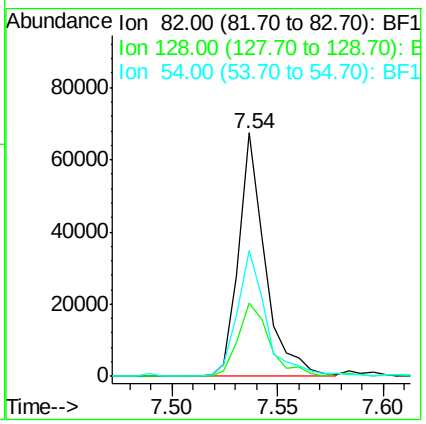


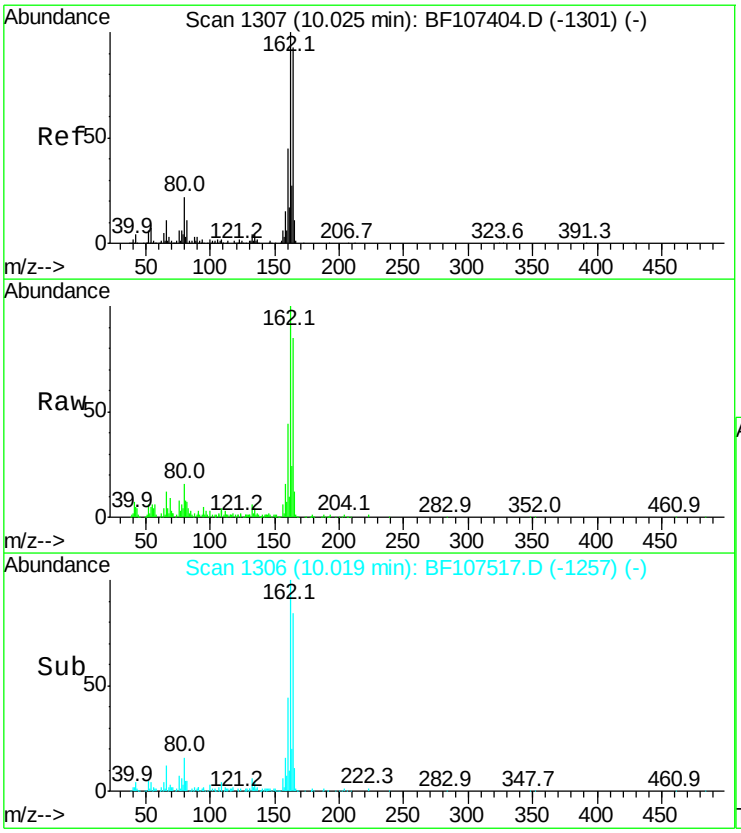
#23
Nitrobenzene-d5
Concen: 11.635 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF107517.D
Acq: 19 Jul 2018 20:11

Instrument :
BNA_F
ClientSampleId :
NS-DEBRIS

Tgt Ion: 82 Resp: 58670

Ion	Ratio	Lower	Upper
82	100		
128	30.2	36.1	54.1#
54	51.9	41.4	62.2

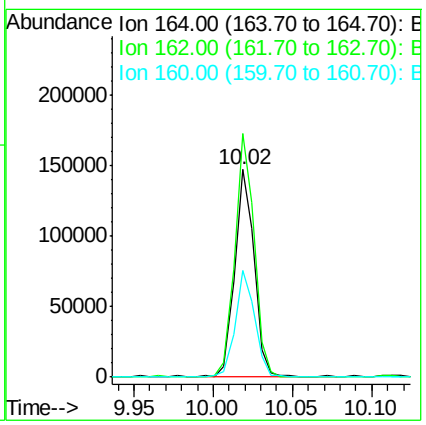


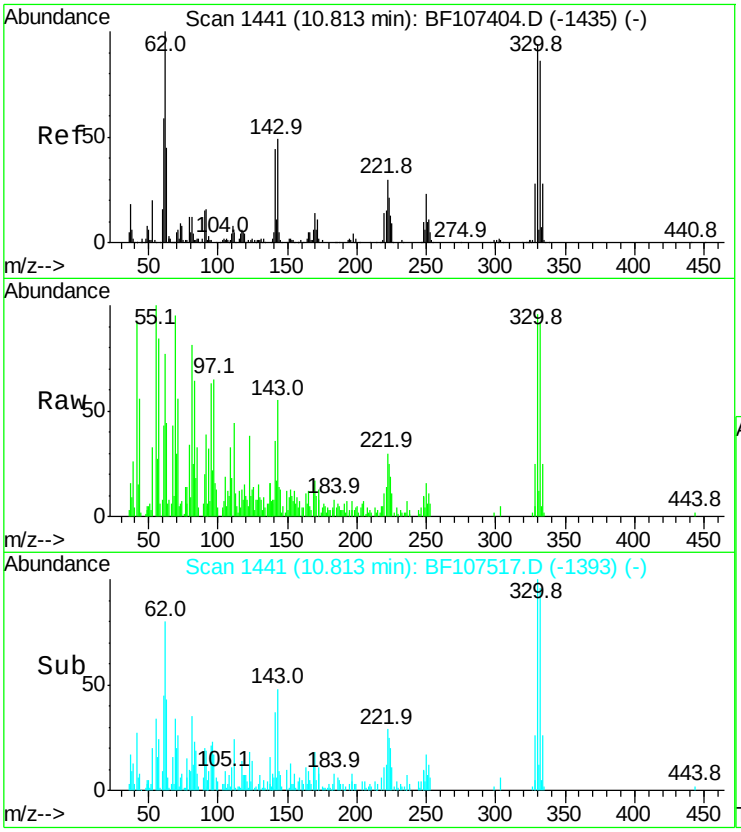


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF107517.D
Acq: 19 Jul 2018 20:11

Tgt Ion:164 Resp: 126313

Ion	Ratio	Lower	Upper
164	100		
162	117.3	86.1	129.1
160	51.1	38.3	57.5



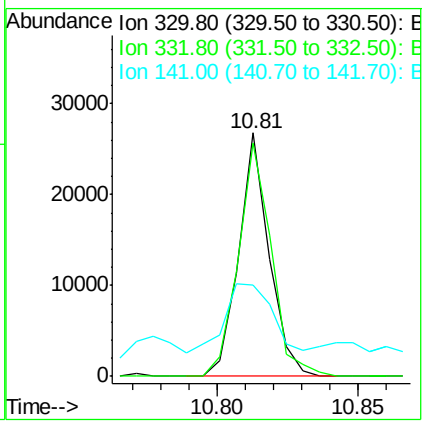


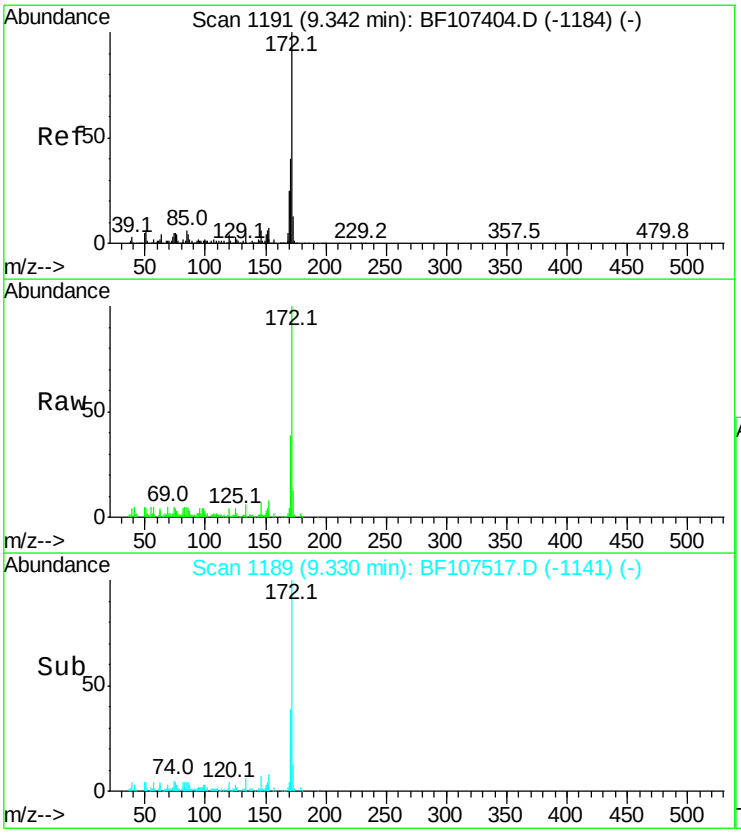
#41
2,4,6-Tribromophenol
Concen: 17.986 ng
RT: 10.81 min Scan# 1441
Delta R.T. -0.02 min
Lab File: BF107517.D
Acq: 19 Jul 2018 20:11

Instrument :
BNA_F
ClientSampleId :
NS-DEBRIS

Tgt Ion:330 Resp: 19961

Ion	Ratio	Lower	Upper
330	100		
332	104.5	77.0	115.6
141	45.7	29.9	44.9#

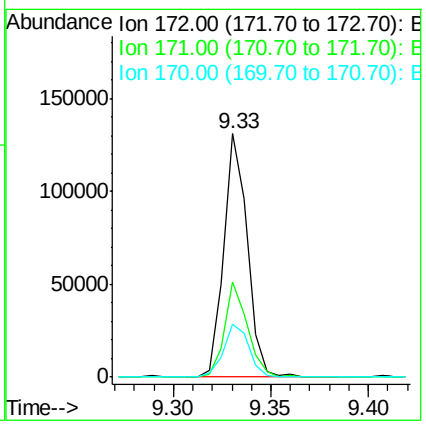


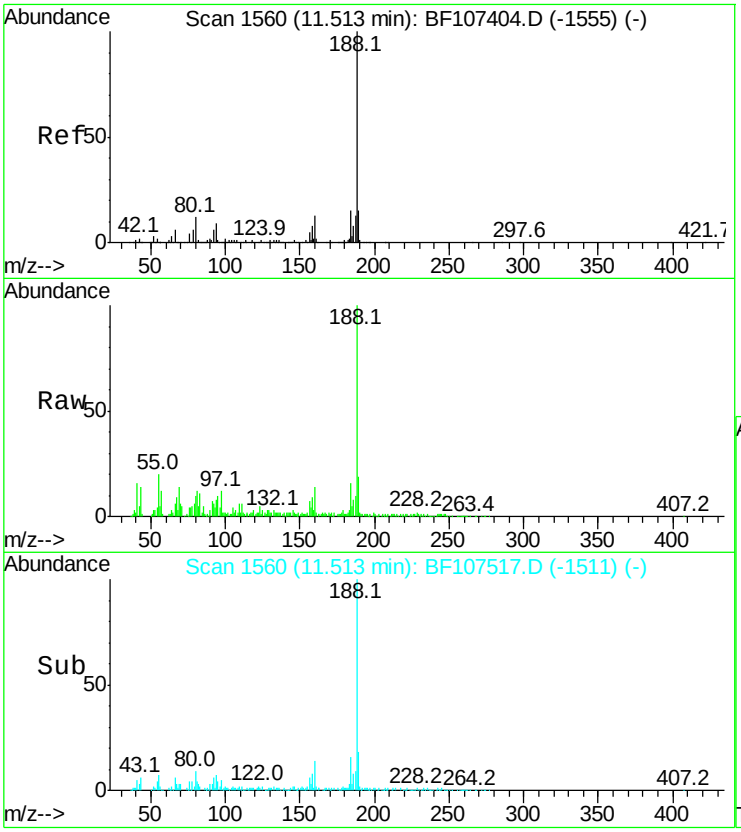


#44
2-Fluorobiphenyl
Concen: 4.163 ng
RT: 9.33 min Scan# 1189
Delta R.T. -0.02 min
Lab File: BF107517.D
Acq: 19 Jul 2018 20:11

Tgt Ion:172 Resp: 109632

Ion	Ratio	Lower	Upper
172	100		
171	39.3	29.7	44.5
170	21.7	19.6	29.4



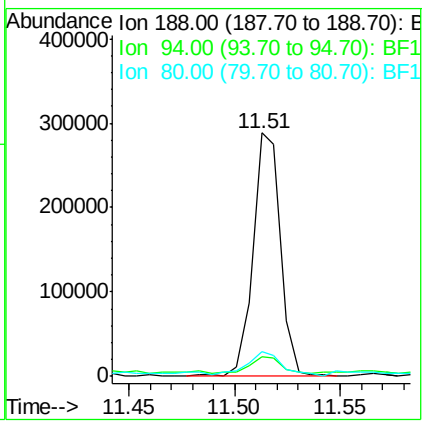


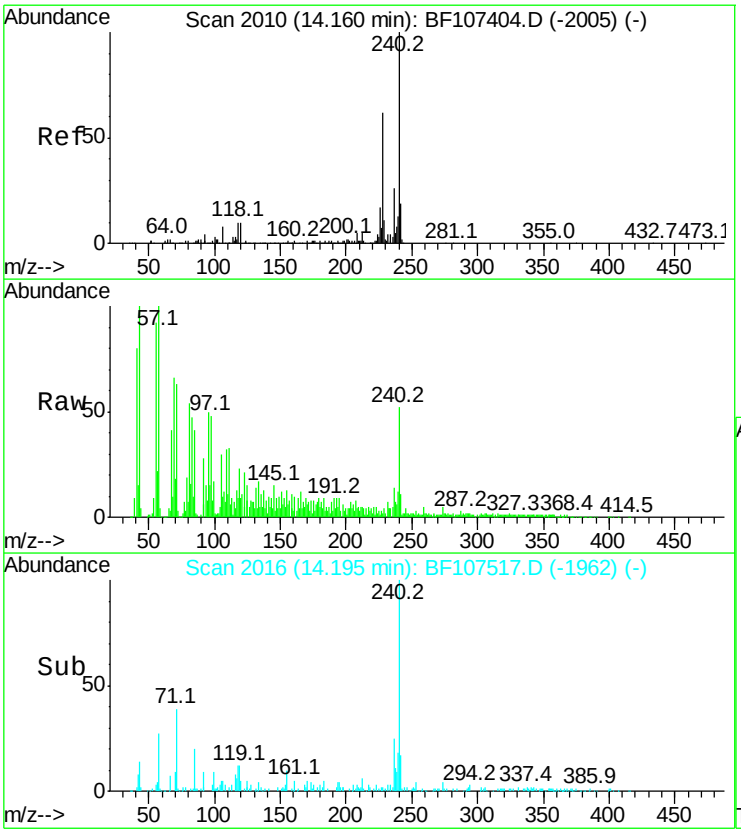
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF107517.D
Acq: 19 Jul 2018 20:11

Instrument :
BNA_F
ClientSampleId :
NS-DEBRIS

Tgt Ion:188 Resp: 257541

Ion	Ratio	Lower	Upper
188	100		
94	8.0	8.5	12.7#
80	10.3	9.2	13.8

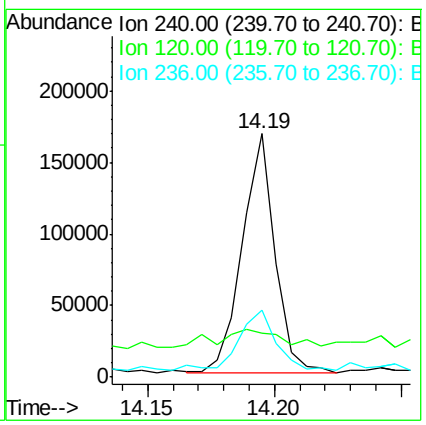


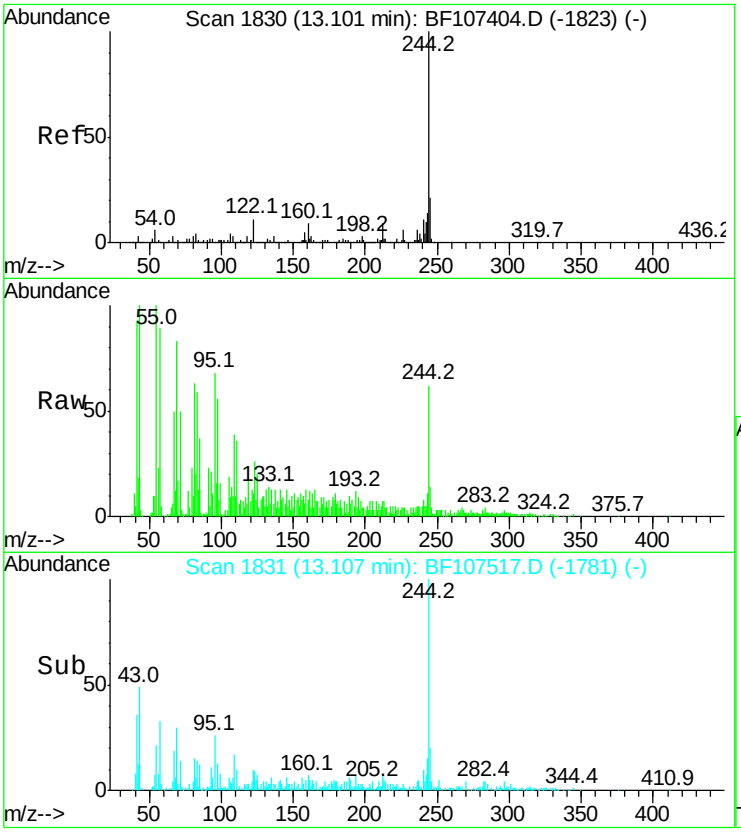


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2016
Delta R.T. 0.02 min
Lab File: BF107517.D
Acq: 19 Jul 2018 20:11

Tgt Ion:240 Resp: 150426

Ion	Ratio	Lower	Upper
240	100		
120	18.1	9.5	14.3#
236	27.5	20.7	31.1



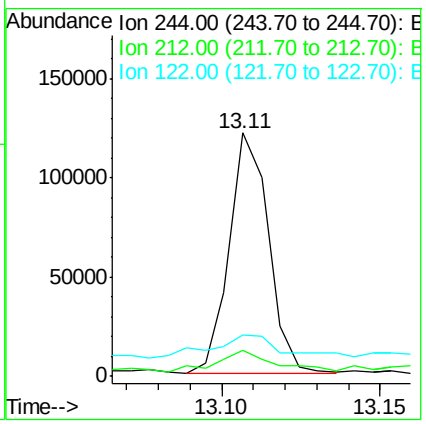


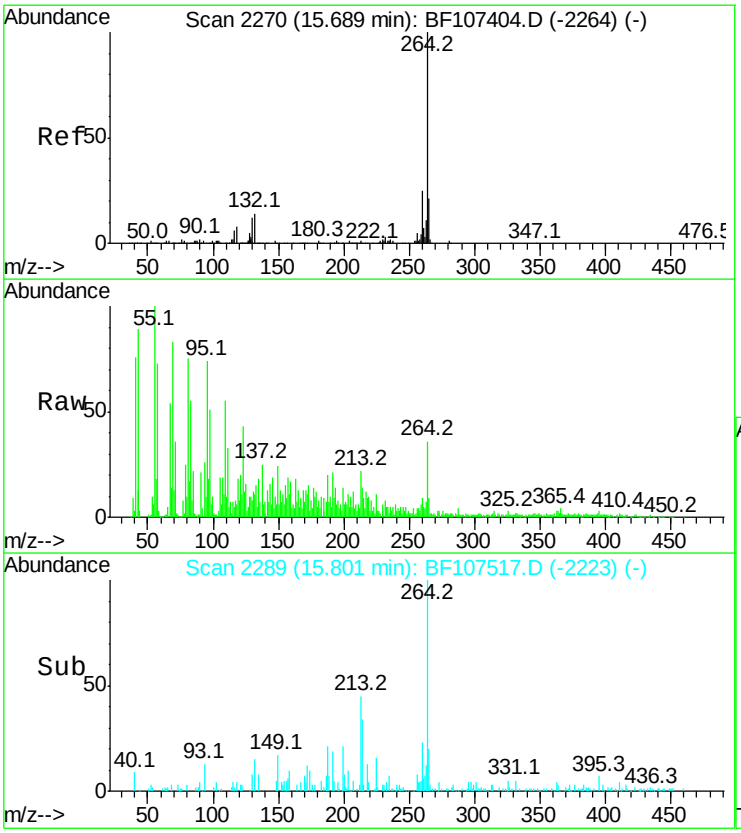
#78
Terphenyl-d14
Concen: 17.283 ng
RT: 13.11 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BF107517.D
Acq: 19 Jul 2018 20:11

Instrument :
BNA_F
ClientSampleId :
NS-DEBRIS

Tgt Ion:244 Resp: 104637

Ion	Ratio	Lower	Upper
244	100		
212	10.9	5.4	8.0#
122	17.1	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.80 min Scan# 2289
Delta R.T. 0.09 min
Lab File: BF107517.D
Acq: 19 Jul 2018 20:11

Tgt Ion:264 Resp: 136334

Ion	Ratio	Lower	Upper
264	100		
260	26.5	19.2	28.8
265	25.5	17.5	26.3