Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
Data File : BF108080.D
Acq On : 10 Aug 2018 13:34
Operator : JU/SJ
Sample : PB111926BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB111926BL

Quant Time: Aug 10 16:07:37 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	274304	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	1018358	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	533901	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	1080949	20.00	ng	0.00
75) Chrysene-d12	14.21	240	840064	20.00	ng	0.00
86) Perylene-d12	15.78	264	730607	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	1839901	121.44	ng	0.01
7) Phenol-d6	6.64	99	2421139	120.25	ng	0.00
23) Nitrobenzene-d5	7.58	82	1628646	89.24	ng	0.00
41) 2,4,6-Tribromophenol	10.86	330	712904	133.87	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2950869	88.73	ng	0.00
78) Terphenyl-d14	13.15	244	3328240	100.73	ng	0.00

Target Compounds	Qvalue

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

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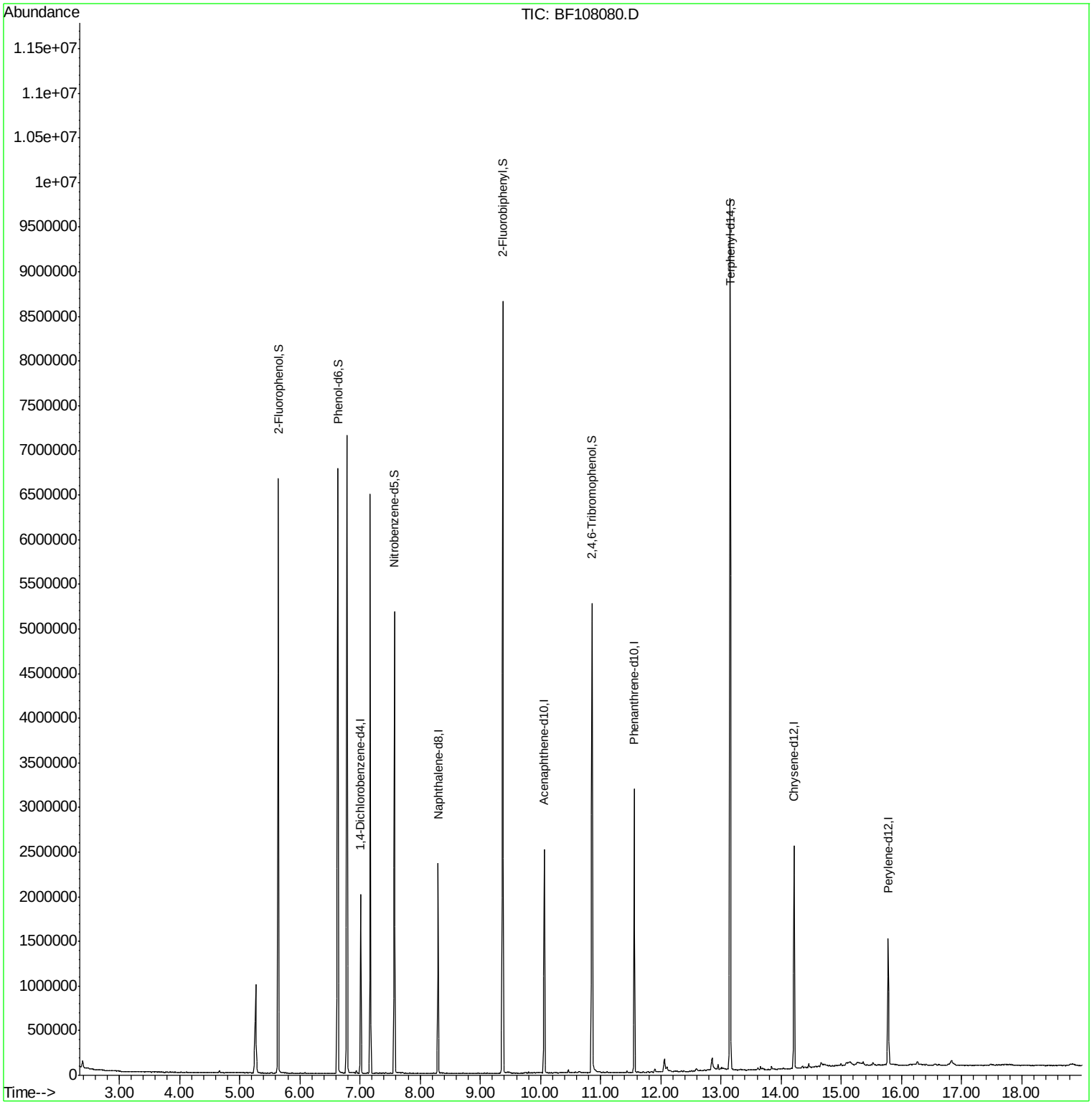
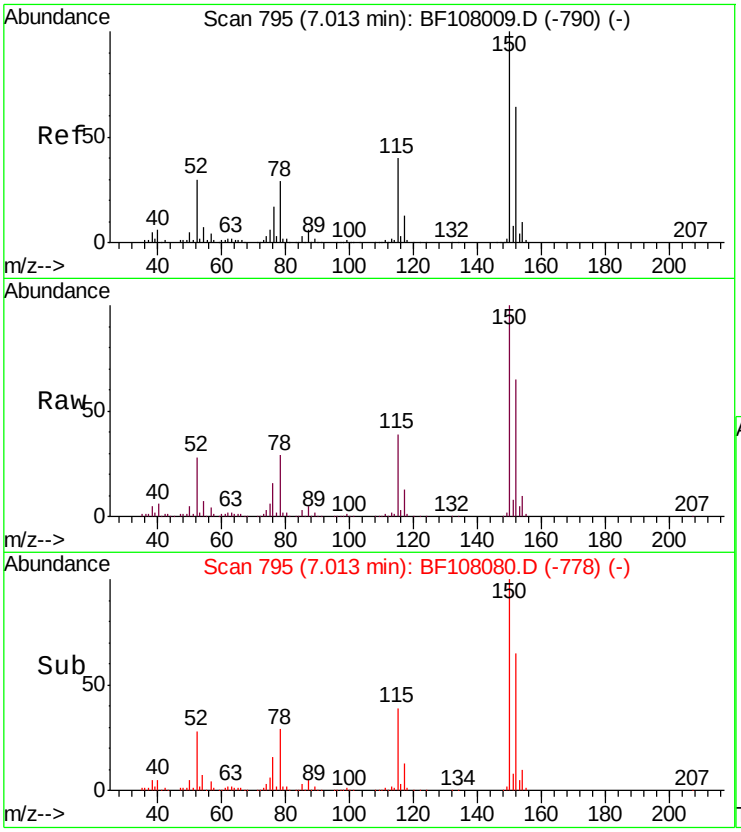


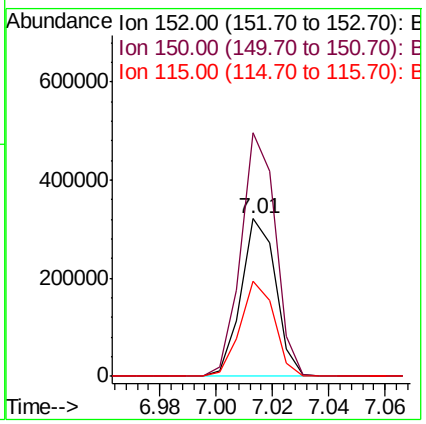


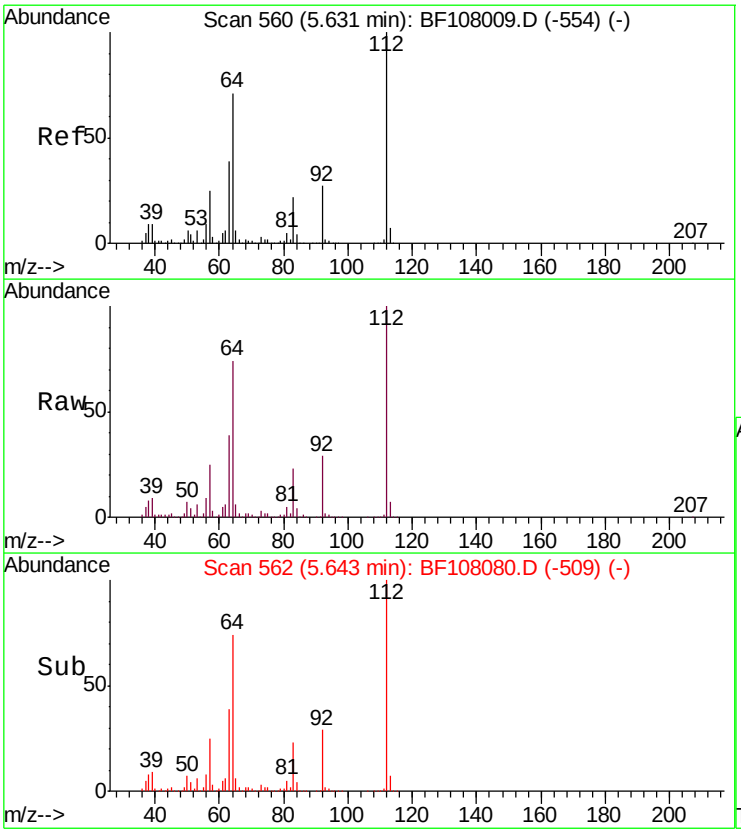
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108080.D
Acq: 10 Aug 2018 13:34

Instrument :
BNA_F
ClientSampleId :
PB111926BL

Tgt Ion:152 Resp: 274304

Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.6	186.8
115	60.1	50.1	75.1

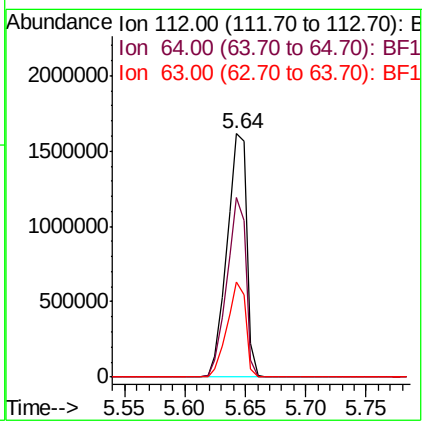


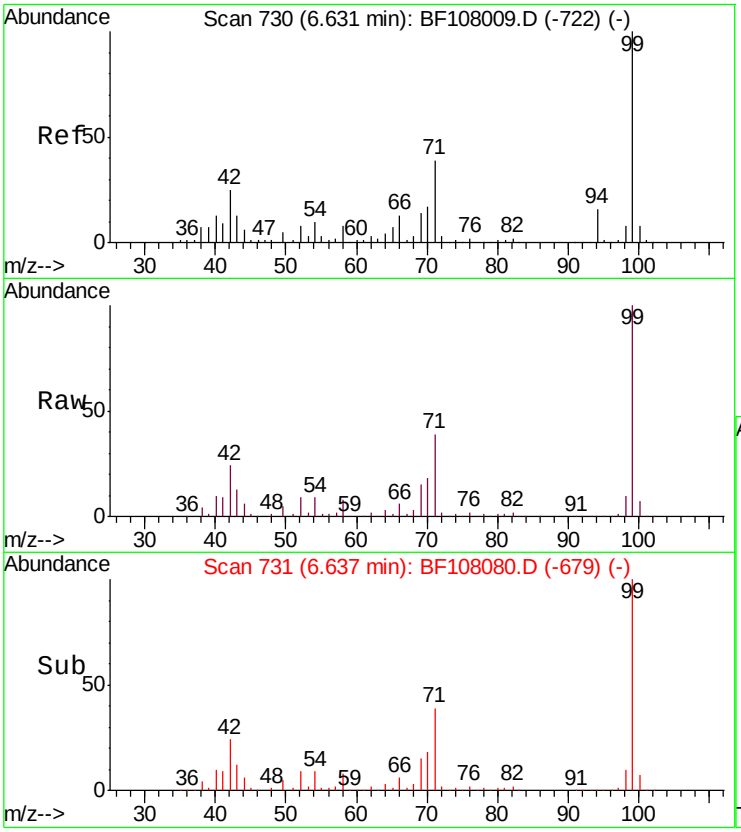


#5
2-Fluorophenol
Concen: 121.437 ng
RT: 5.64 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF108080.D
Acq: 10 Aug 2018 13:34

Tgt Ion:112 Resp: 1839901

Ion	Ratio	Lower	Upper
112	100		
64	74.0	47.9	71.9#
63	39.0	23.7	35.5#



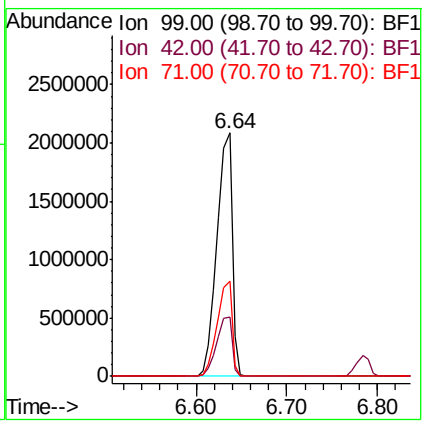


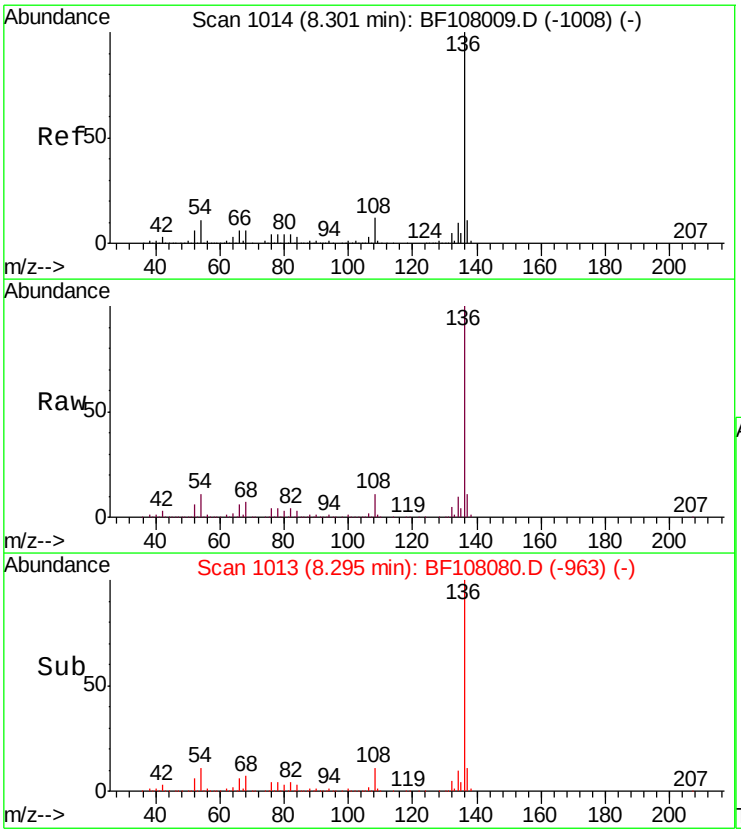
#7
Phenol-d6
Concen: 120.253 ng
RT: 6.64 min Scan# 731
Delta R.T. 0.01 min
Lab File: BF108080.D
Acq: 10 Aug 2018 13:34

Instrument :
BNA_F
ClientSampleId :
PB111926BL

Tgt Ion: 99 Resp: 2421139

Ion	Ratio	Lower	Upper
99	100		
42	24.3	14.5	21.7#
71	38.9	25.4	38.0#

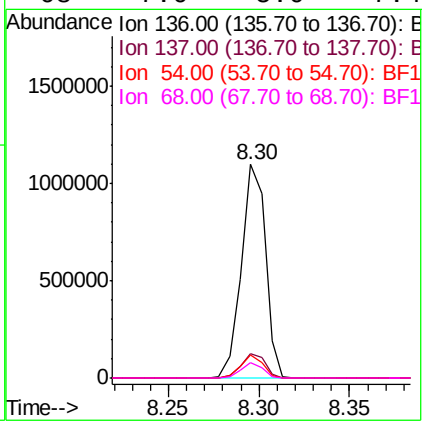


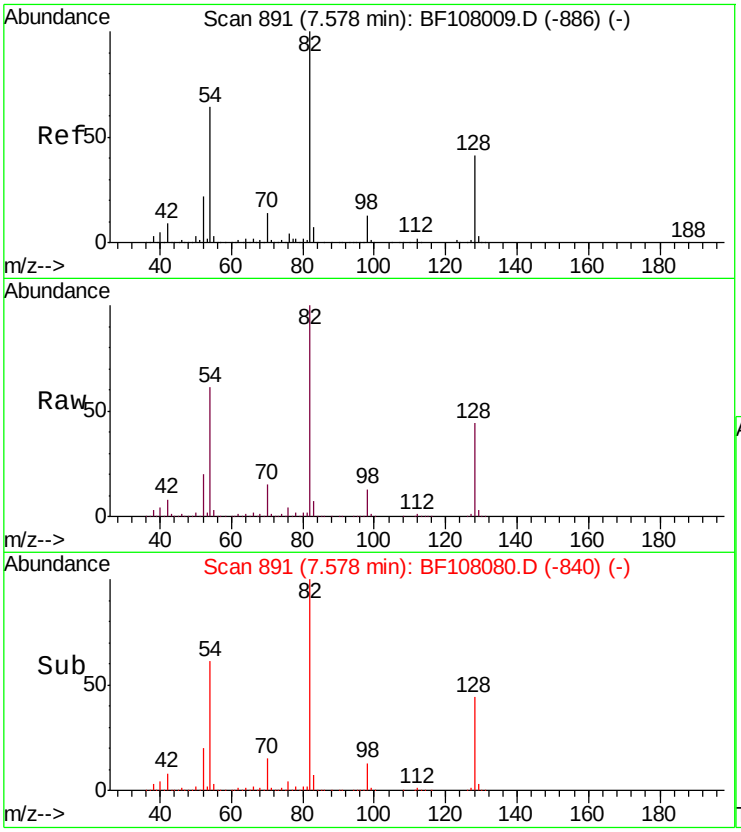


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF108080.D
Acq: 10 Aug 2018 13:34

Tgt Ion:136 Resp: 1018358

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	11.1	6.6	9.8#
68	7.0	5.0	7.4



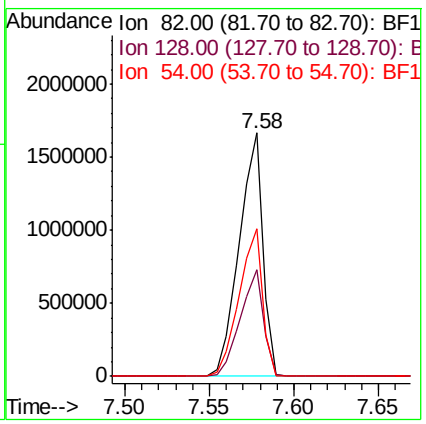


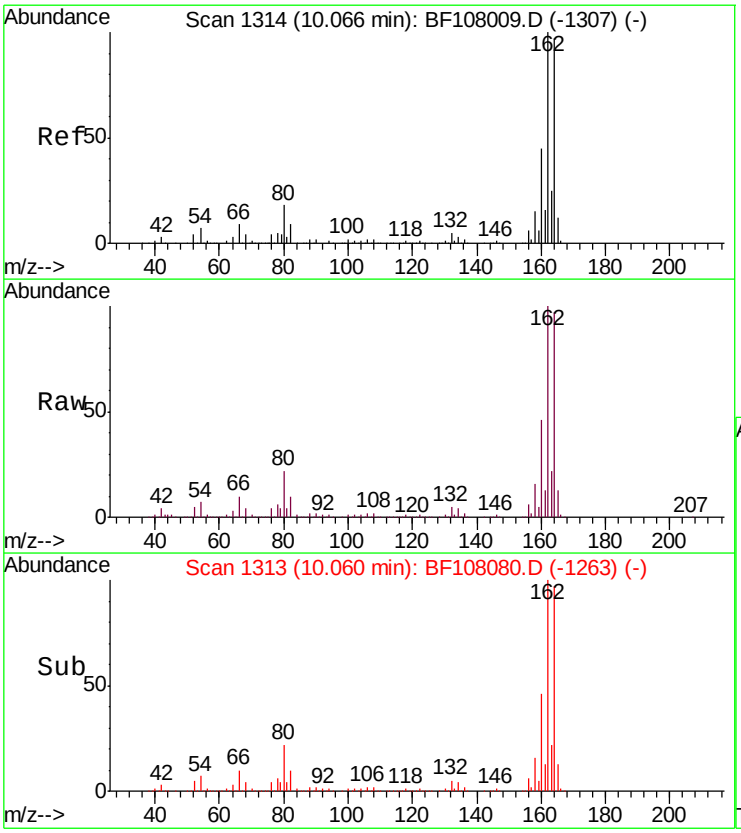
#23
Nitrobenzene-d5
Concen: 89.242 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF108080.D
Acq: 10 Aug 2018 13:34

Instrument :
BNA_F
ClientSampleId :
PB111926BL

Tgt Ion: 82 Resp: 1628646

Ion	Ratio	Lower	Upper
82	100		
128	43.6	36.1	54.1
54	60.7	41.4	62.2

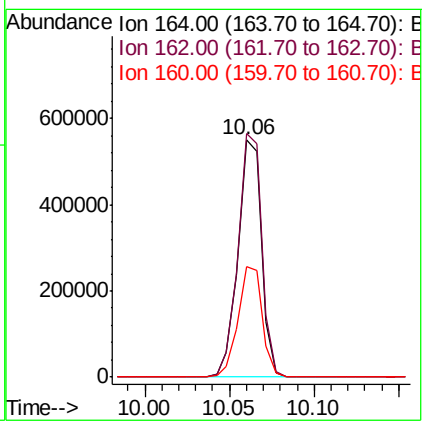


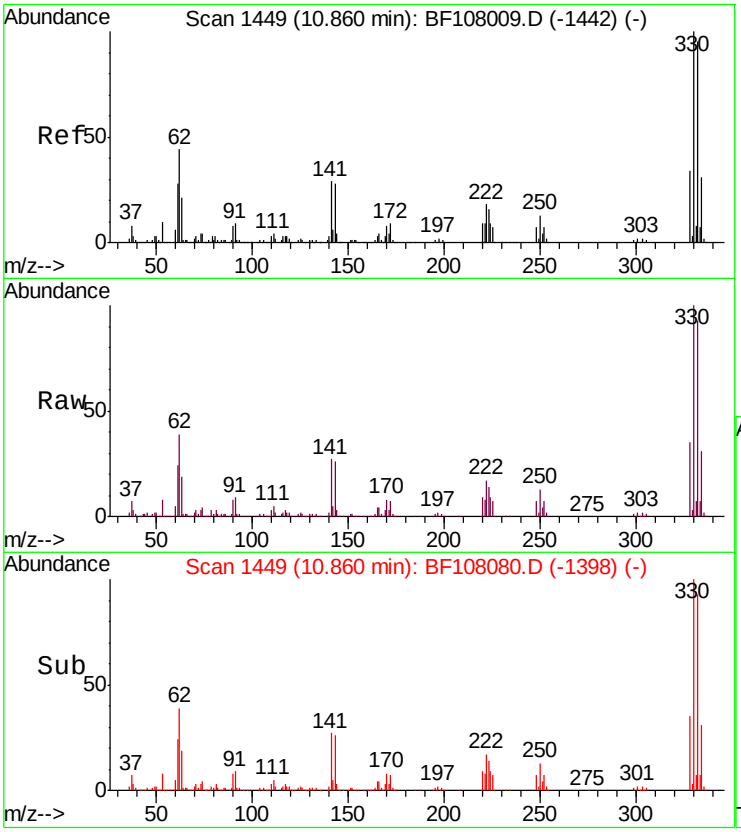


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF108080.D
Acq: 10 Aug 2018 13:34

Tgt Ion:164 Resp: 533901

Ion	Ratio	Lower	Upper
164	100		
162	102.6	86.1	129.1
160	46.7	38.3	57.5



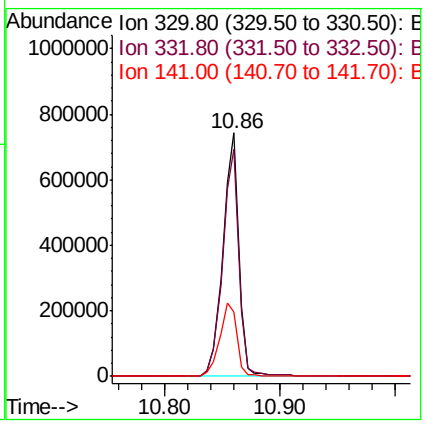


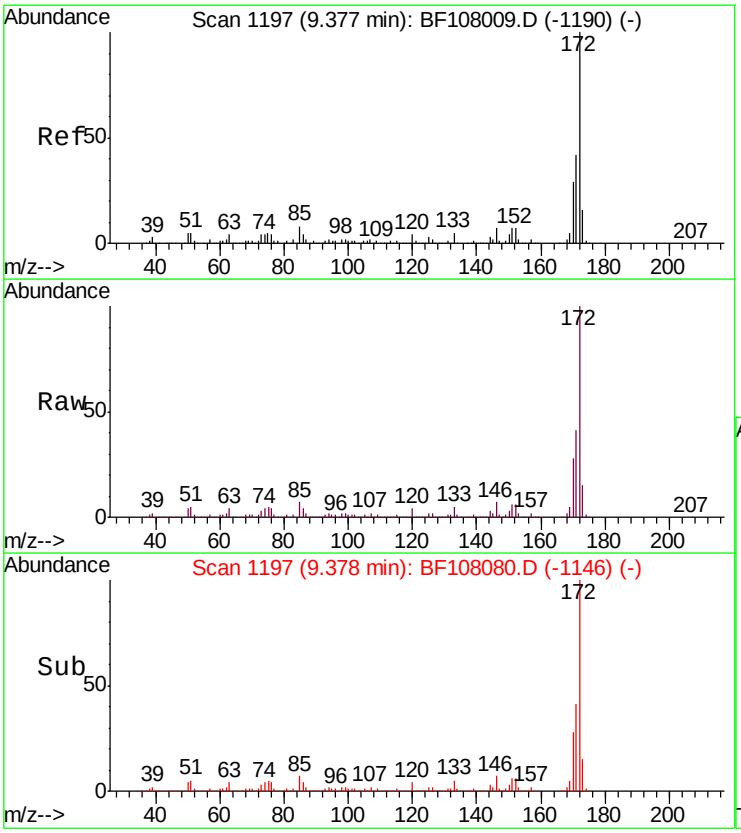
#41
2,4,6-Tribromophenol
Concen: 133.865 ng
RT: 10.86 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BF108080.D
Acq: 10 Aug 2018 13:34

Instrument :
BNA_F
ClientSampleId :
PB111926BL

Tgt Ion:330 Resp: 712904

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	32.8	29.9	44.9

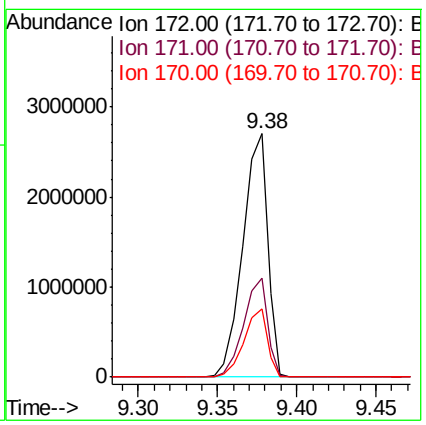


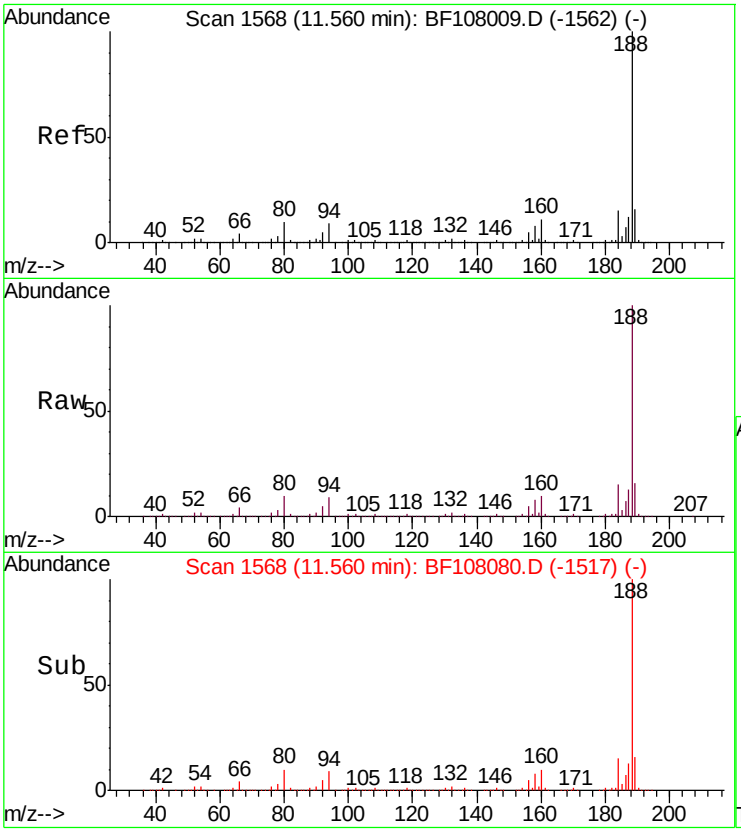


#44
2-Fluorobiphenyl
Concen: 88.734 ng
RT: 9.38 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BF108080.D
Acq: 10 Aug 2018 13:34

Tgt Ion:172 Resp: 2950869

Ion	Ratio	Lower	Upper
172	100		
171	40.8	29.7	44.5
170	27.8	19.6	29.4



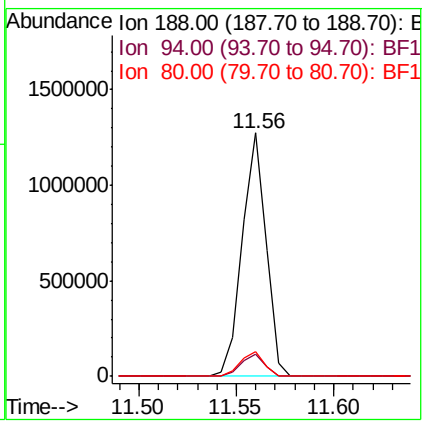


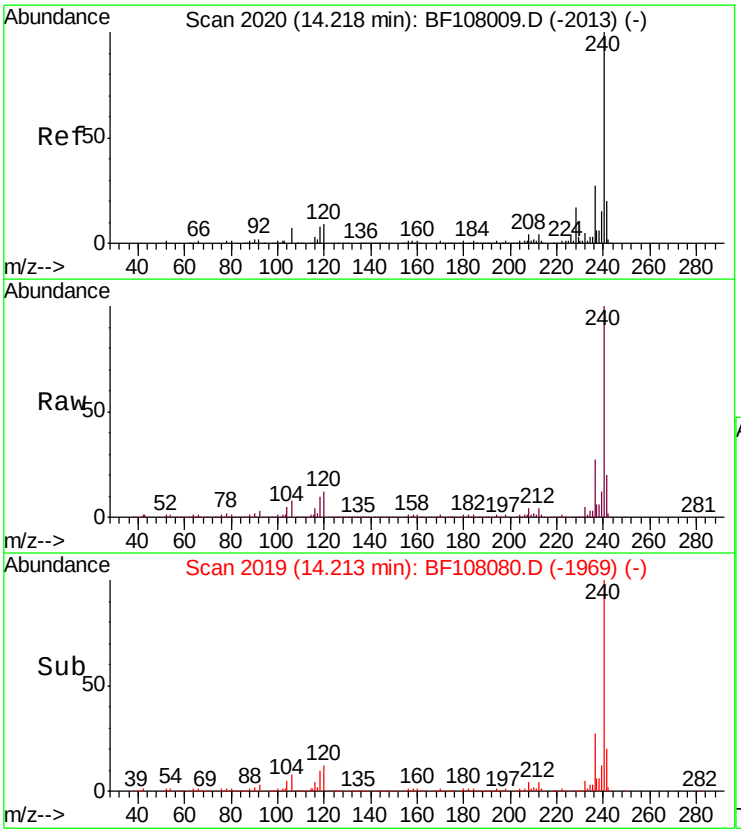
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.56 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BF108080.D
Acq: 10 Aug 2018 13:34

Instrument :
BNA_F
ClientSampleId :
PB111926BL

Tgt Ion:188 Resp: 1080949

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

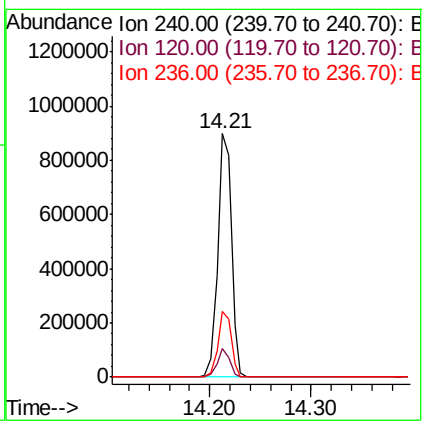


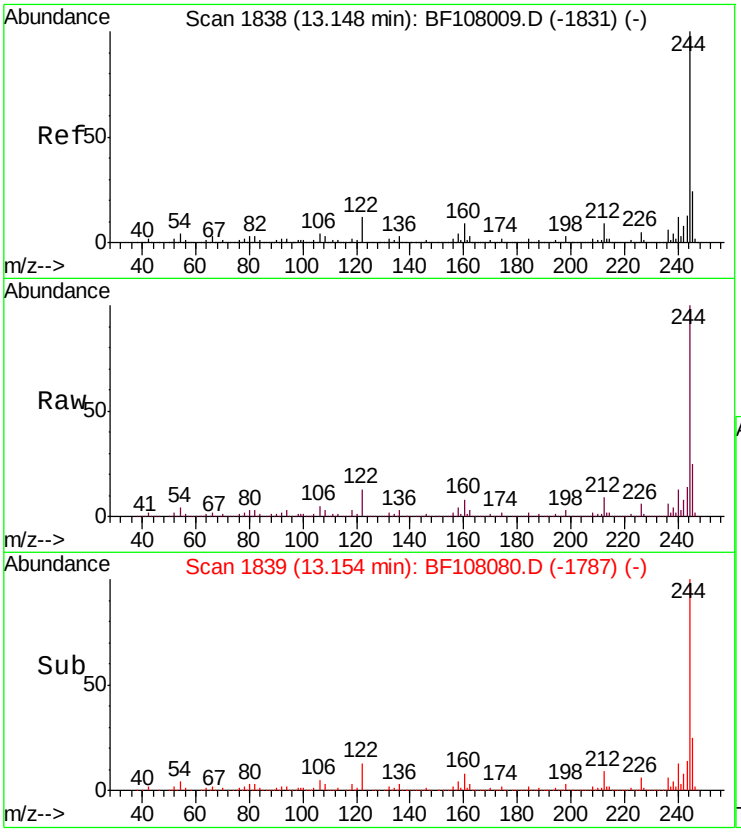


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.21 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF108080.D
Acq: 10 Aug 2018 13:34

Tgt Ion:240 Resp: 840064

Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.5	14.3
236	27.1	20.7	31.1



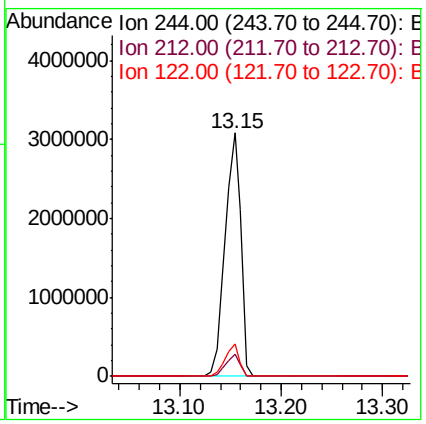


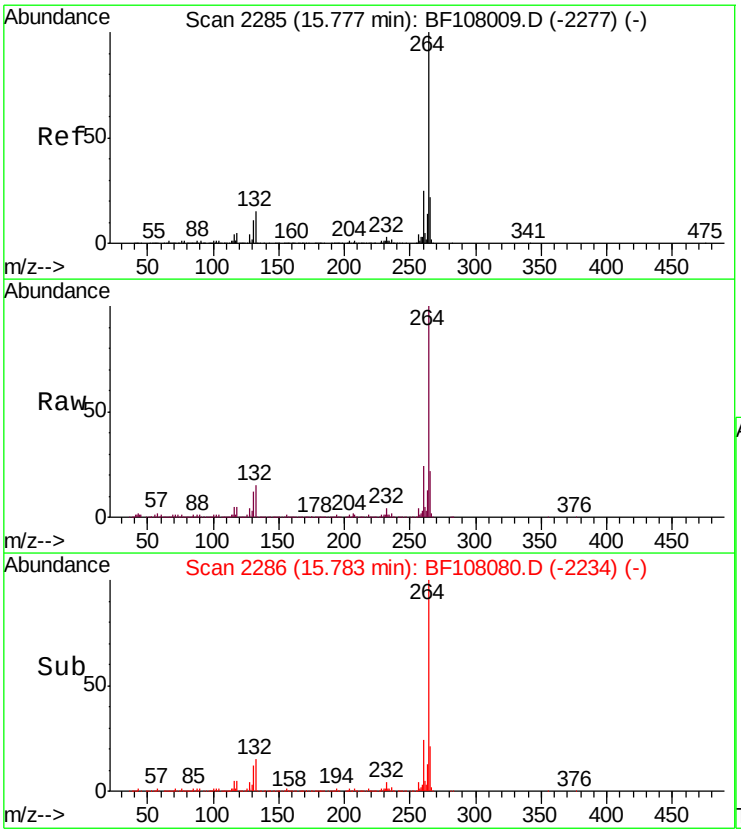
#78
Terphenyl-d14
Concen: 100.734 ng
RT: 13.15 min Scan# 1839
Delta R.T. 0.01 min
Lab File: BF108080.D
Acq: 10 Aug 2018 13:34

Instrument :
BNA_F
ClientSampleId :
PB111926BL

Tgt Ion:244 Resp: 3328240

Ion	Ratio	Lower	Upper
244	100		
212	9.3	5.4	8.0#
122	13.1	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.78 min Scan# 2286
Delta R.T. 0.01 min
Lab File: BF108080.D
Acq: 10 Aug 2018 13:34

Tgt Ion:264 Resp: 730607

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.5	17.5	26.3