Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
Data File : BF108312.D
Acq On : 21 Aug 2018 1:16
Operator : JU/SJ
Sample : J4516-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ND-BASELINE-WATER

Quant Time: Aug 21 05:17:53 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	7.02	152	148016	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	493269	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	205620	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	358862	20.00	ng	0.00
75) Chrysene-d12	14.21	240	260238	20.00	ng	0.00
86) Perylene-d12	15.78	264	197596	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	522821	63.95	ng	0.02
7) Phenol-d6	6.64	99	412753	37.99	ng	0.00
23) Nitrobenzene-d5	7.58	82	936408	105.93	ng	0.00
41) 2,4,6-Tribromophenol	10.86	330	299813	146.18	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	1566585	122.32	ng	0.00
78) Terphenyl-d14	13.15	244	1394086	136.20	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.77	163	197308	13.775	ng	# 99

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

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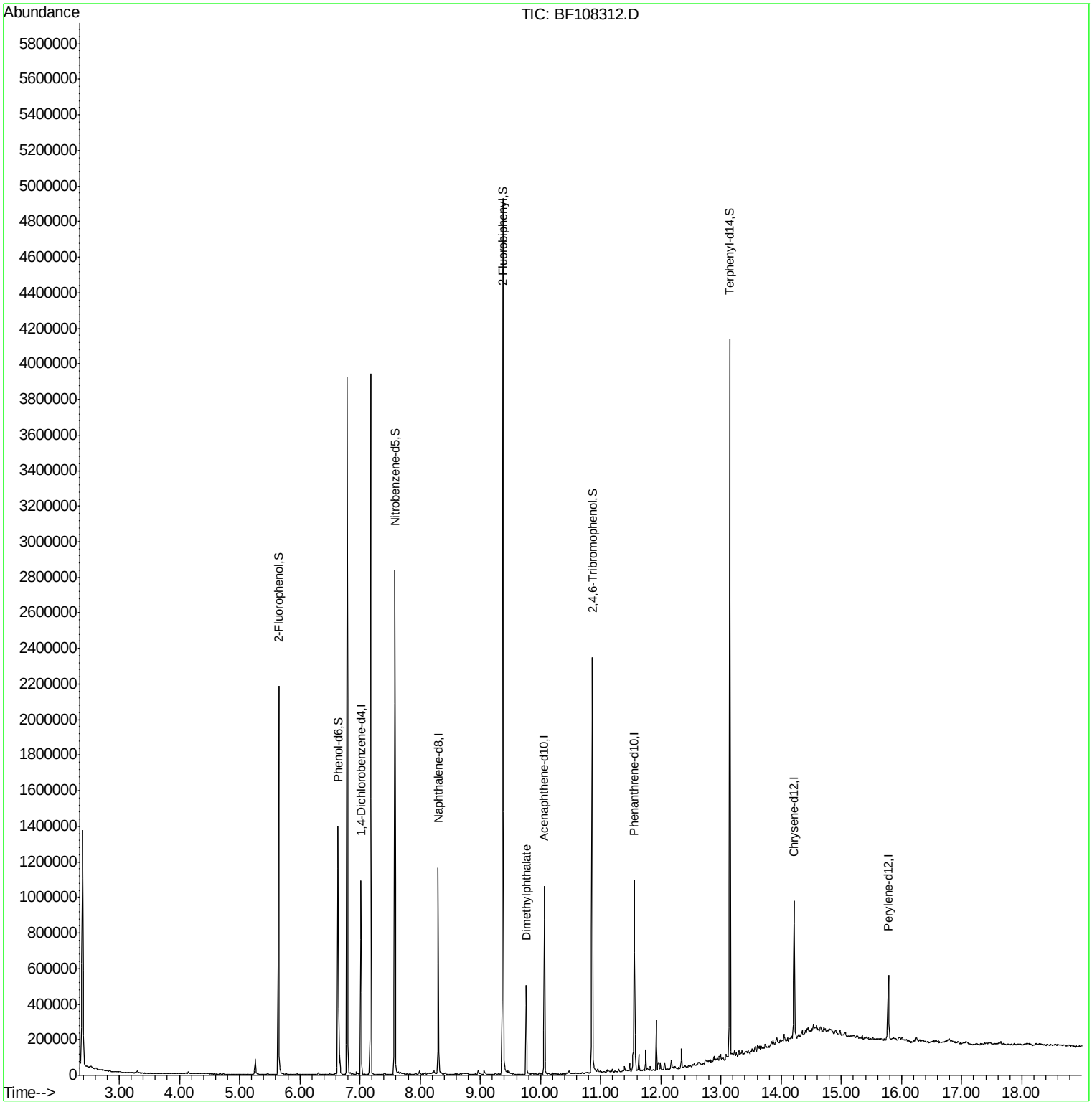
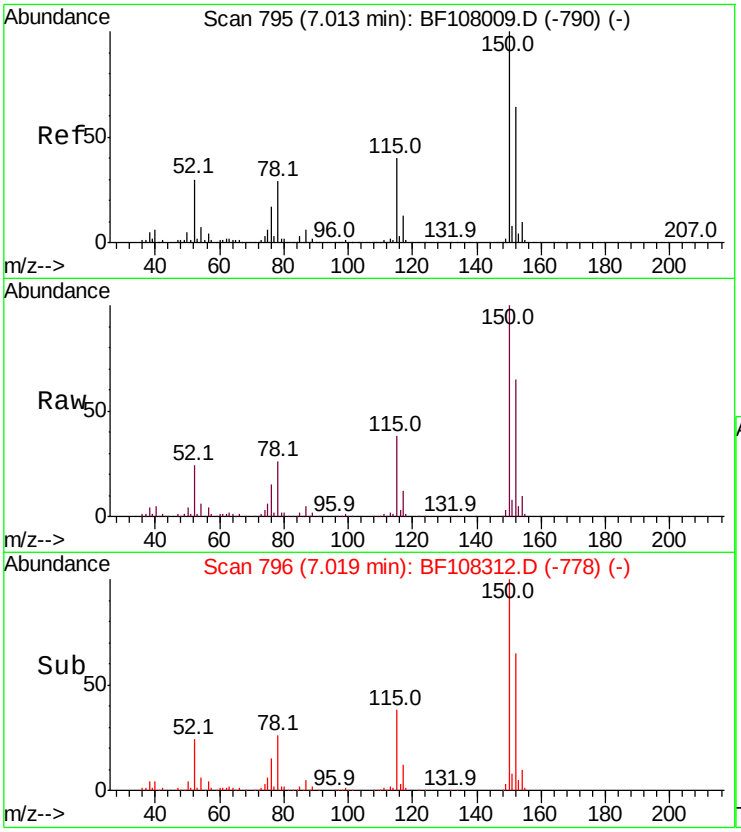


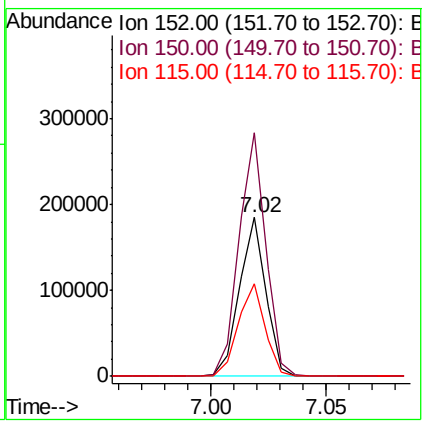


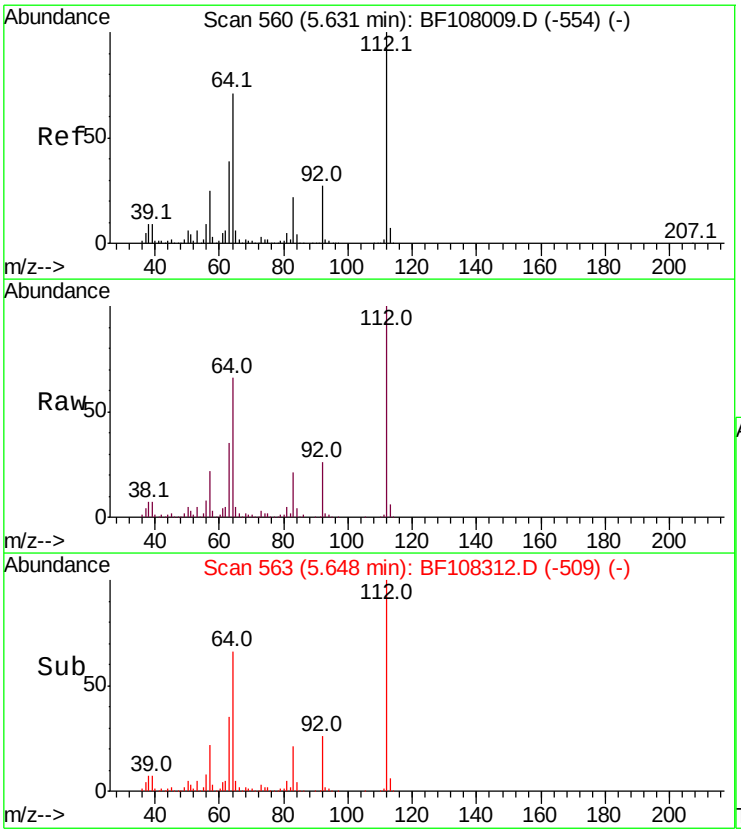
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108312.D
Acq: 21 Aug 2018 1:16

Instrument :
BNA_F
ClientSampleId :
ND-BASELINE-WATER

Tgt Ion:152 Resp: 148016

Ion	Ratio	Lower	Upper
152	100		
150	153.5	124.6	186.8
115	58.3	50.1	75.1

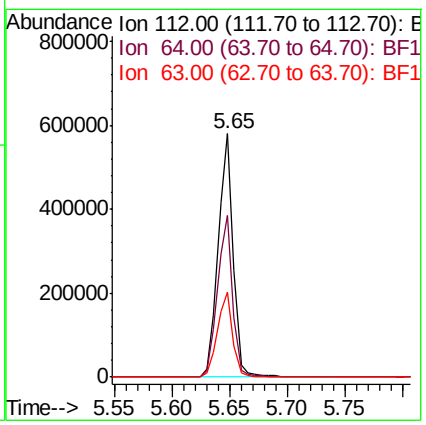


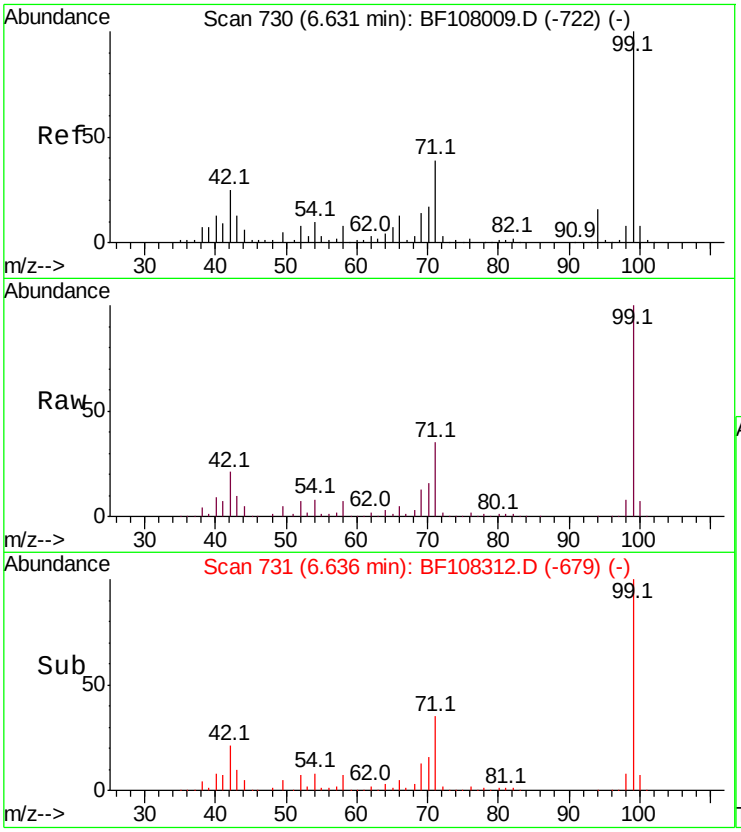


#5
2-Fluorophenol
Concen: 63.949 ng
RT: 5.65 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF108312.D
Acq: 21 Aug 2018 1:16

Tgt Ion:112 Resp: 522821

Ion	Ratio	Lower	Upper
112	100		
64	66.4	47.9	71.9
63	34.6	23.7	35.5



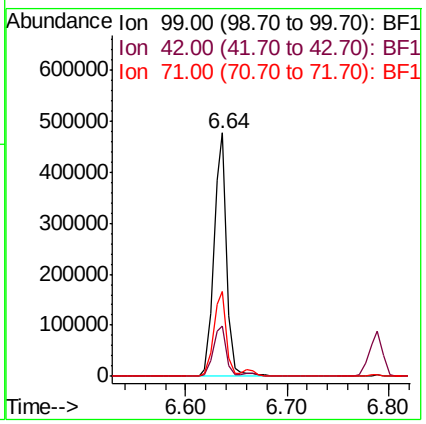


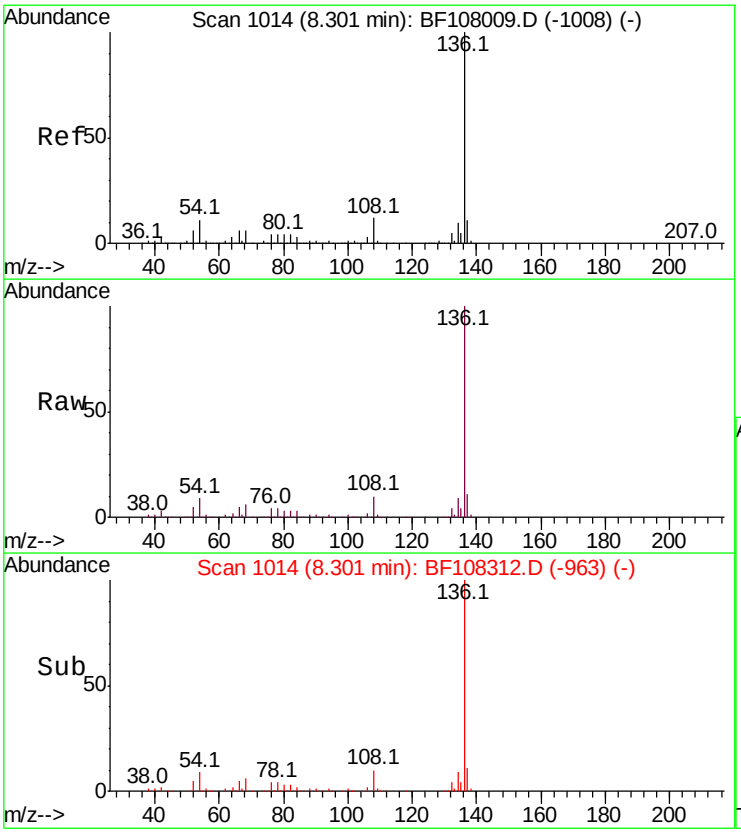
#7
Phenol-d6
Concen: 37.992 ng
RT: 6.64 min Scan# 731
Delta R.T. 0.01 min
Lab File: BF108312.D
Acq: 21 Aug 2018 1:16

Instrument :
BNA_F
ClientSampleId :
ND-BASELINE-WATER

Tgt Ion: 99 Resp: 412753

Ion	Ratio	Lower	Upper
99	100		
42	20.5	14.5	21.7
71	34.7	25.4	38.0

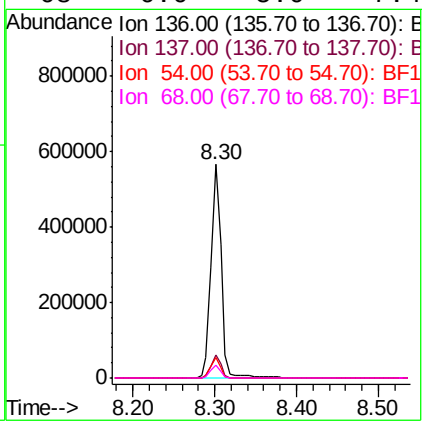


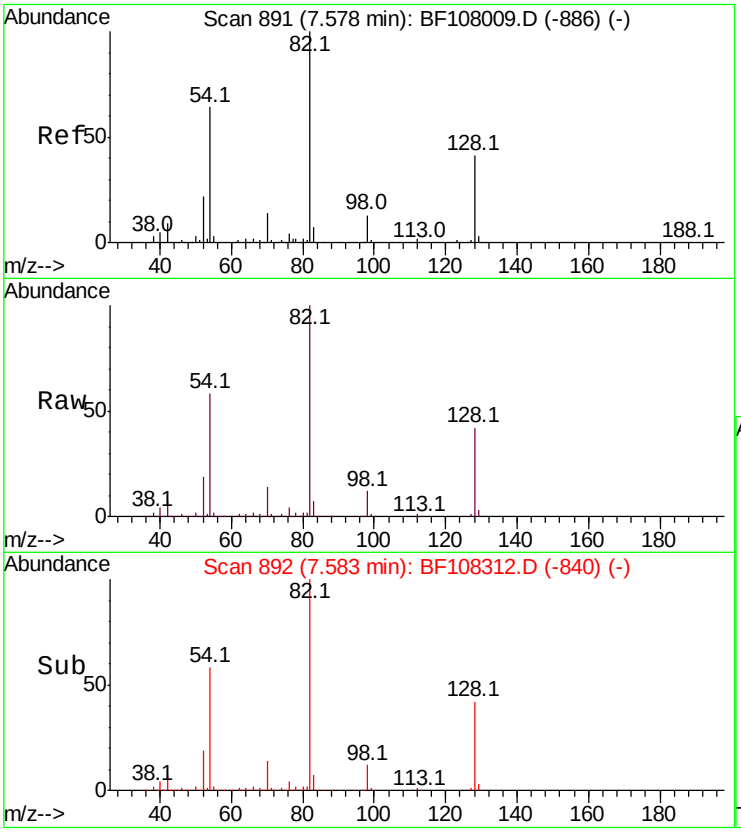


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF108312.D
Acq: 21 Aug 2018 1:16

Tgt Ion:136 Resp: 493269

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.5	6.6	9.8
68	6.0	5.0	7.4



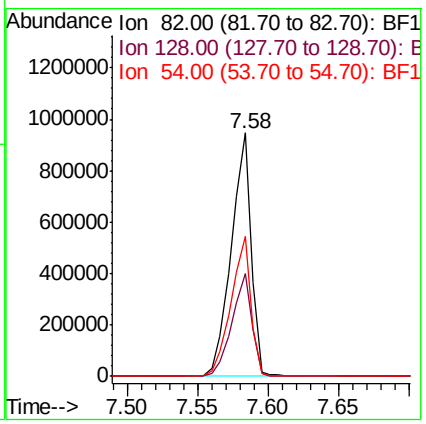


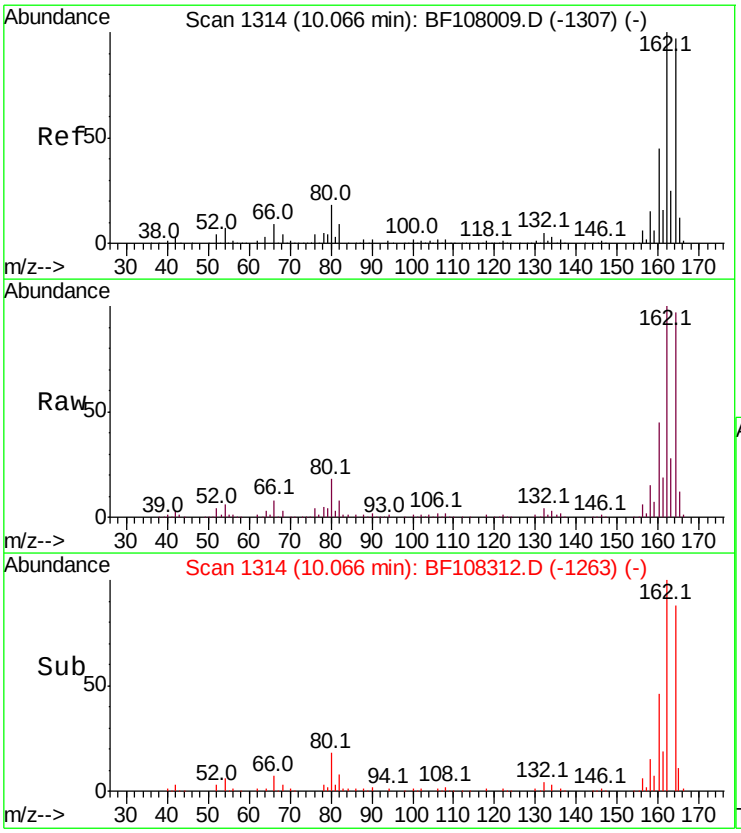
#23
Nitrobenzene-d5
Concen: 105.932 ng
RT: 7.58 min Scan# 892
Delta R.T. 0.01 min
Lab File: BF108312.D
Acq: 21 Aug 2018 1:16

Instrument :
BNA_F
ClientSampleId :
ND-BASELINE-WATER

Tgt Ion: 82 Resp: 936408

Ion	Ratio	Lower	Upper
82	100		
128	42.3	36.1	54.1
54	57.6	41.4	62.2

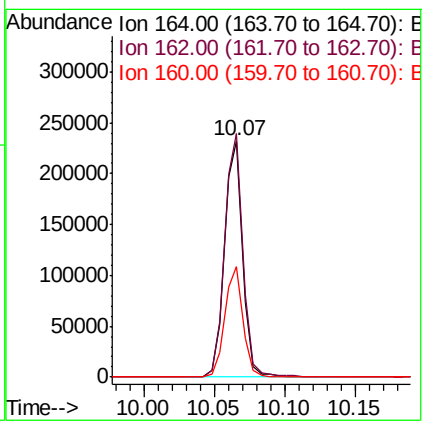


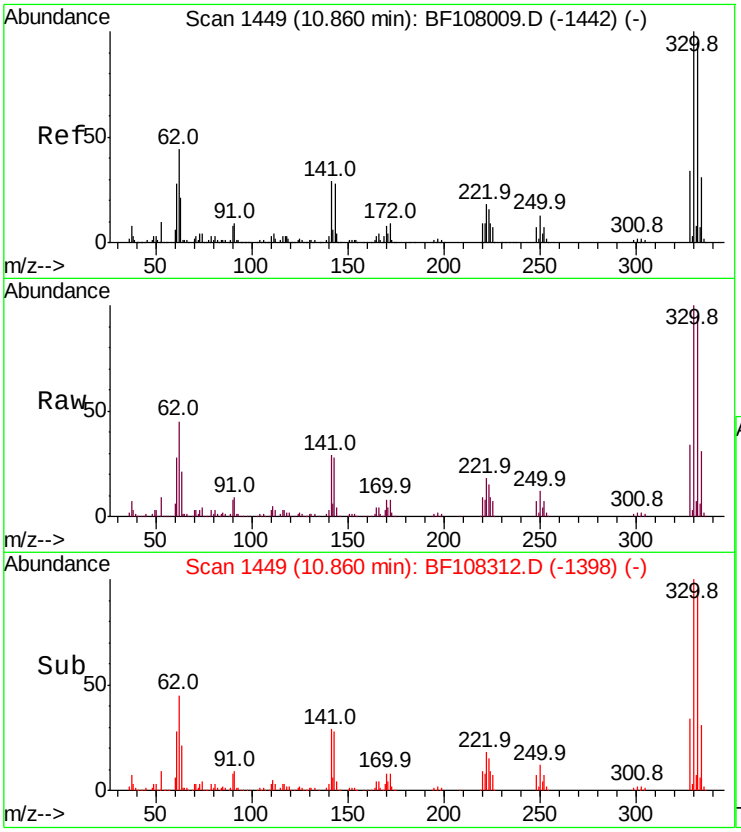


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.07 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BF108312.D
Acq: 21 Aug 2018 1:16

Tgt Ion:164 Resp: 205620

Ion	Ratio	Lower	Upper
164	100		
162	103.1	86.1	129.1
160	46.7	38.3	57.5



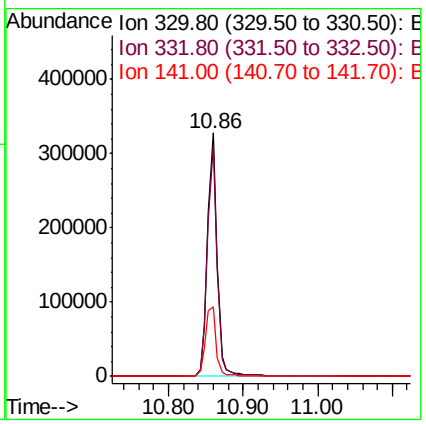


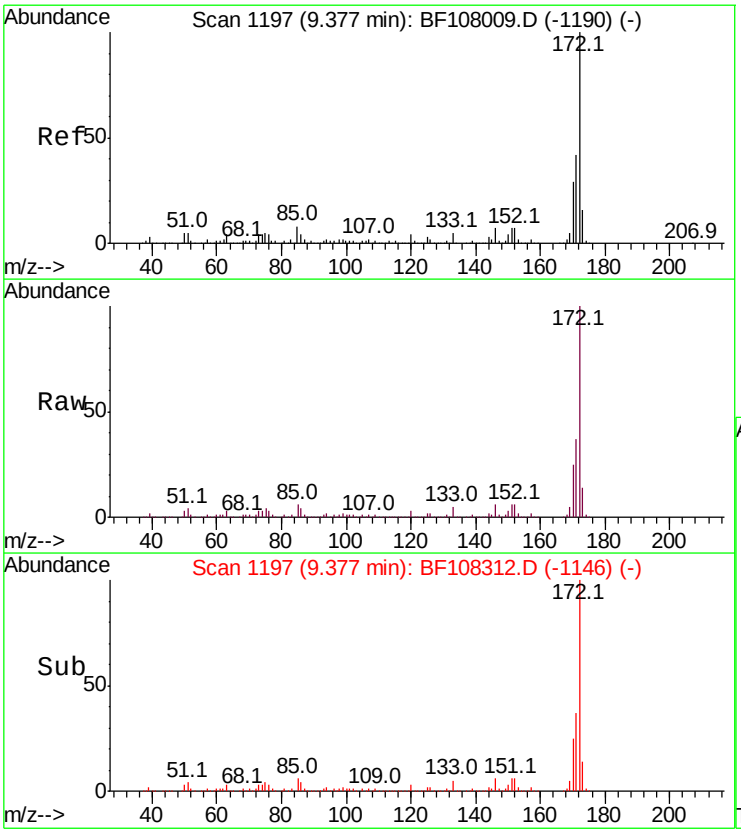
#41
2,4,6-Tribromophenol
Concen: 146.178 ng
RT: 10.86 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BF108312.D
Acq: 21 Aug 2018 1:16

Instrument :
BNA_F
ClientSampleId :
ND-BASELINE-WATER

Tgt Ion:330 Resp: 299813

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	32.0	29.9	44.9

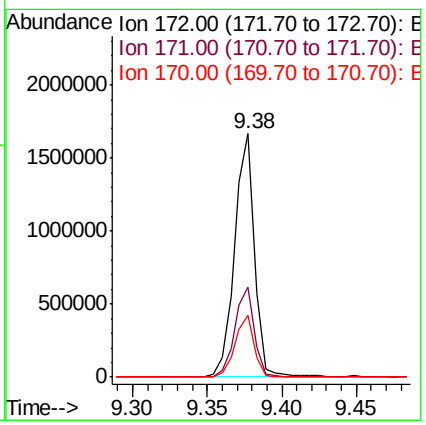


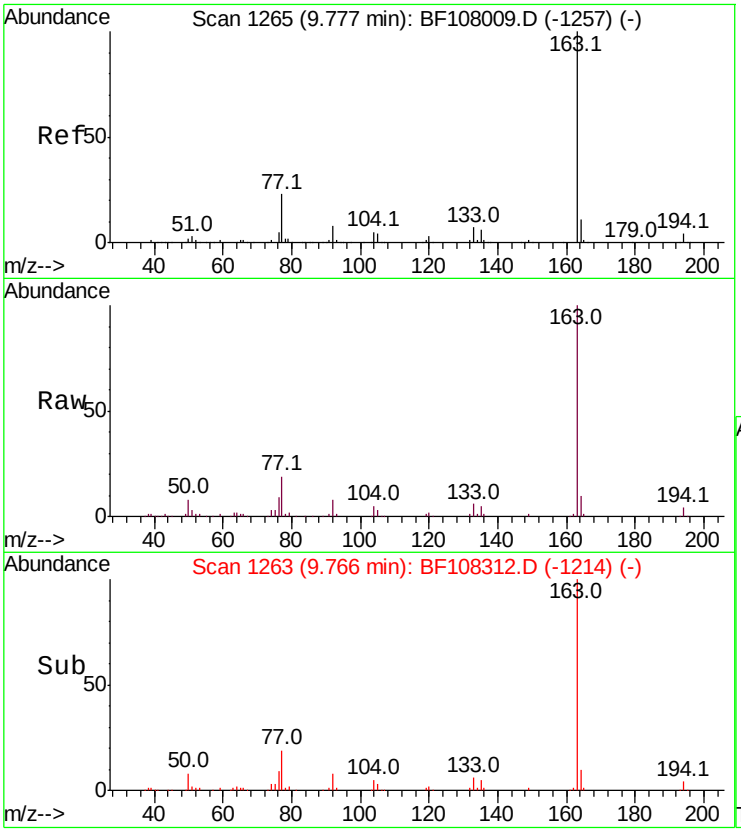


#44
2-Fluorobiphenyl
Concen: 122.318 ng
RT: 9.38 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BF108312.D
Acq: 21 Aug 2018 1:16

Tgt Ion:172 Resp: 1566585

Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.7	44.5
170	25.3	19.6	29.4



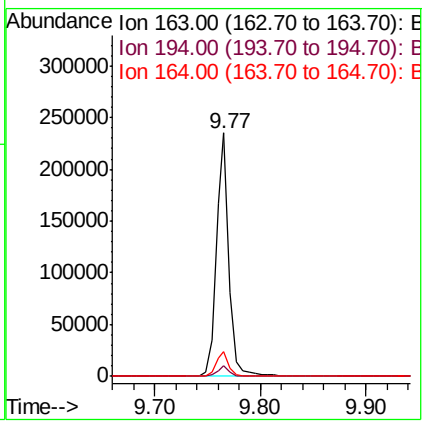


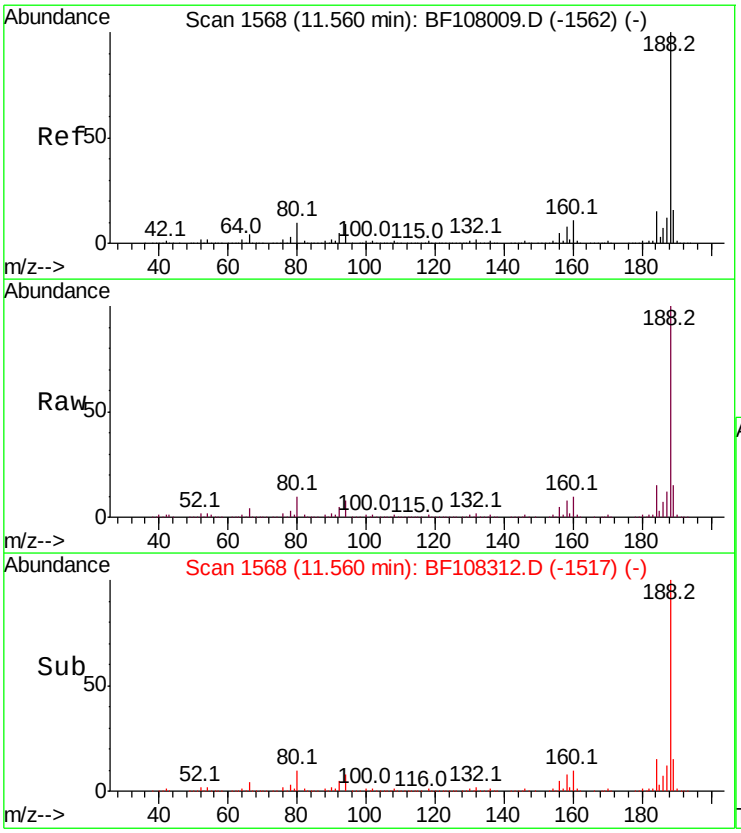
#49
Dimethylphthalate
Concen: 13.775 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF108312.D
Acq: 21 Aug 2018 1:16

Instrument :
BNA_F
ClientSampleId :
ND-BASELINE-WATER

Tgt Ion:163 Resp: 197308

Ion	Ratio	Lower	Upper
163	100		
194	4.5	2.7	4.1#
164	9.9	8.2	12.2

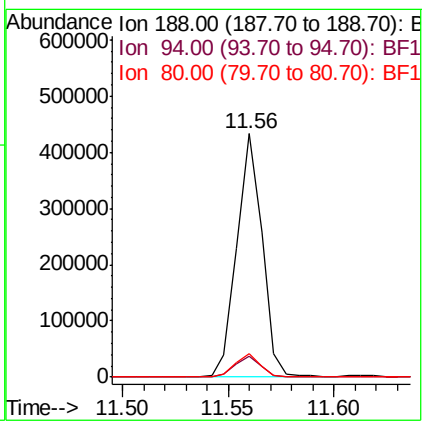


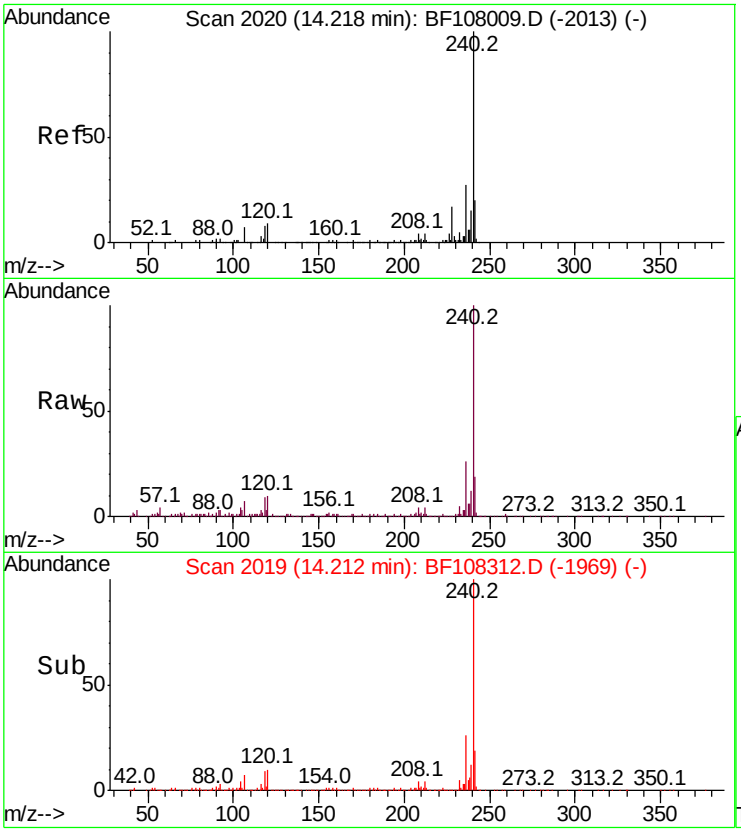


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.56 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BF108312.D
Acq: 21 Aug 2018 1:16

Tgt Ion:188 Resp: 358862

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



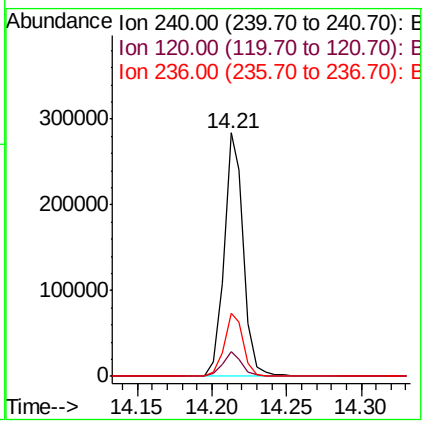


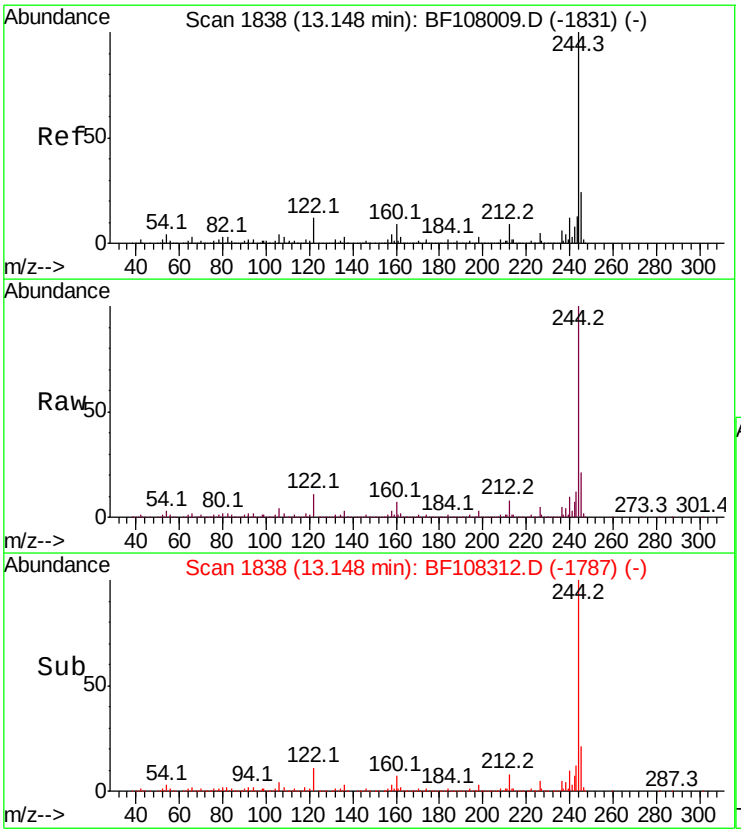
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.21 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF108312.D
Acq: 21 Aug 2018 1:16

Instrument :
BNA_F
ClientSampleId :
ND-BASELINE-WATER

Tgt Ion:240 Resp: 260238

Ion	Ratio	Lower	Upper
240	100		
120	10.3	9.5	14.3
236	25.8	20.7	31.1

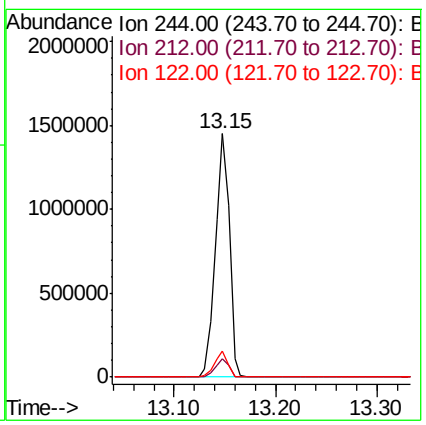


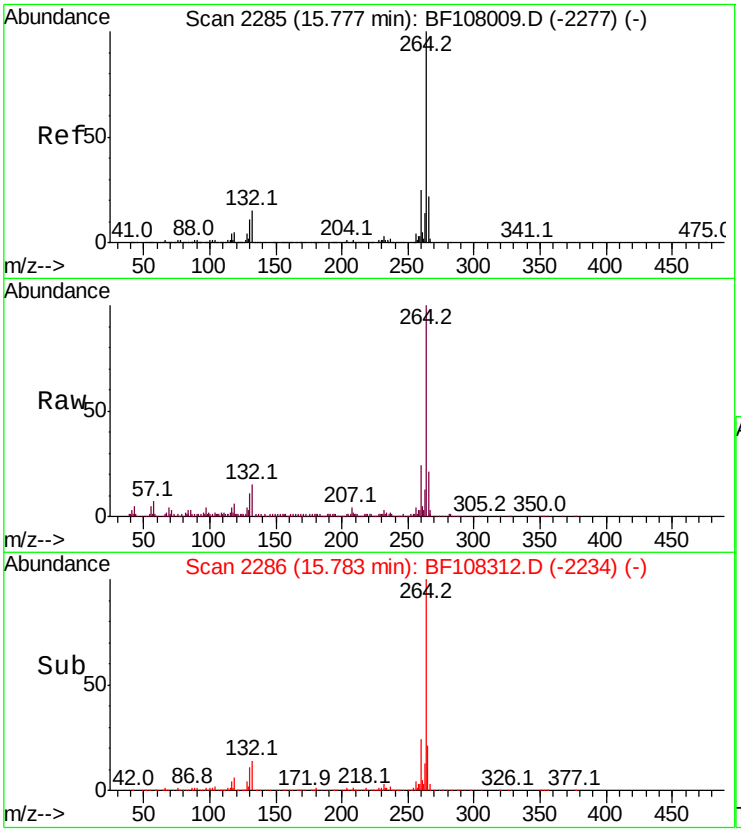


#78
Terphenyl-d14
Concen: 136.205 ng
RT: 13.15 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BF108312.D
Acq: 21 Aug 2018 1:16

Tgt Ion:244 Resp: 1394086

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.4	8.0
122	10.7	11.0	16.4#

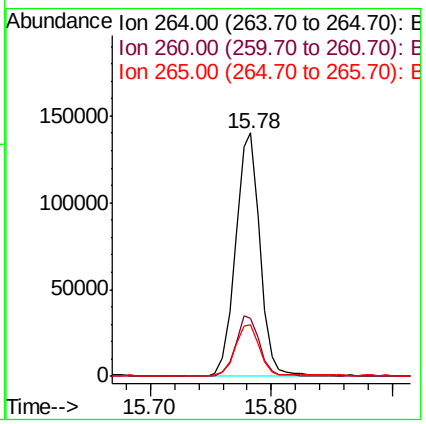




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.78 min Scan# 2286
Delta R.T. 0.01 min
Lab File: BF108312.D
Acq: 21 Aug 2018 1:16

Tgt Ion:264 Resp: 197596

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.3	17.5	26.3



Instrument :
BNA_F
ClientSampleId :
ND-BASELINE-WATER