Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
Data File : BF108101.D
Acq On : 10 Aug 2018 23:09
Operator : JU/SJ
Sample : J4274-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-080918

Quant Time: Aug 11 03:18:21 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	202398	20.00	ng	0.00
21) Naphthalene-d8	8.31	136	709424	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	289874	20.00	ng	0.00
63) Phenanthrene-d10	11.57	188	507025	20.00	ng	0.00
75) Chrysene-d12	14.22	240	407978	20.00	ng	0.00
86) Perylene-d12	15.79	264	273113	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	270957	24.24	ng	0.00
7) Phenol-d6	6.62	99	357707	24.08	ng	0.00
23) Nitrobenzene-d5	7.58	82	202247	15.91	ng	0.00
41) 2,4,6-Tribromophenol	10.86	330	54288	18.78	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	335981	18.61	ng	0.00
78) Terphenyl-d14	13.15	244	282540	17.61	ng	0.00
Target Compounds						Qvalue

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

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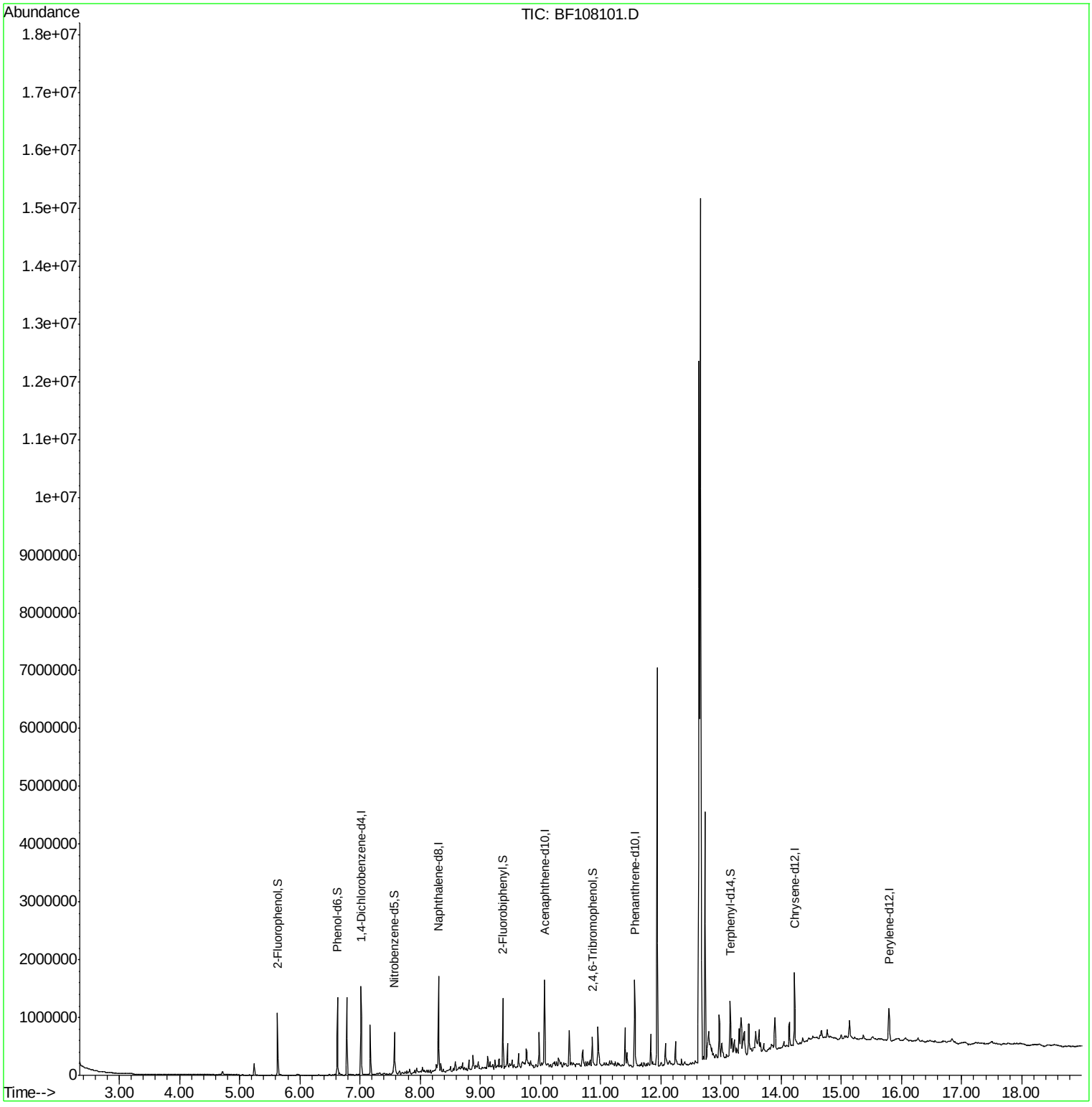
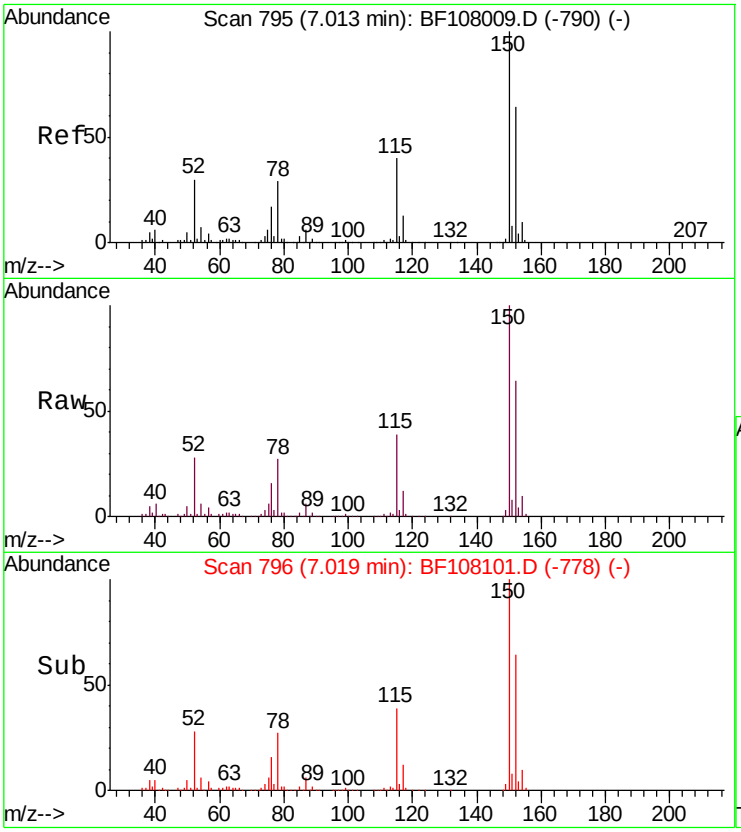


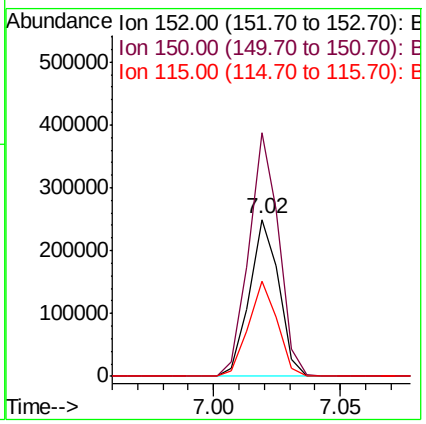


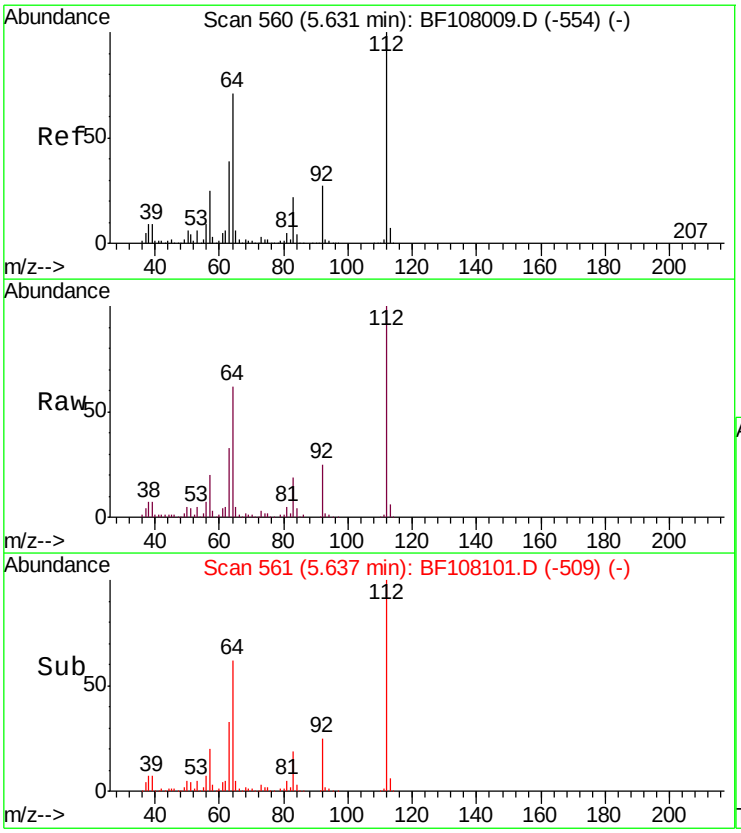
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108101.D
Acq: 10 Aug 2018 23:09

Instrument :
BNA_F
ClientSampleId :
HD-01-080918

Tgt Ion:152 Resp: 202398

Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.6	186.8
115	60.8	50.1	75.1

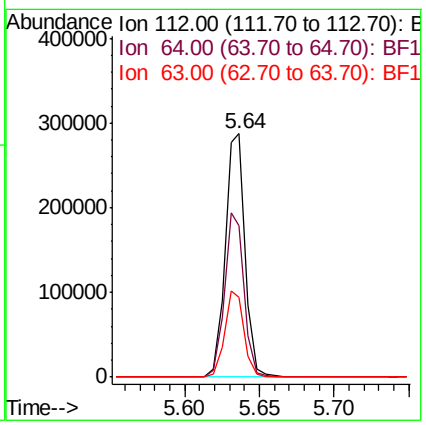


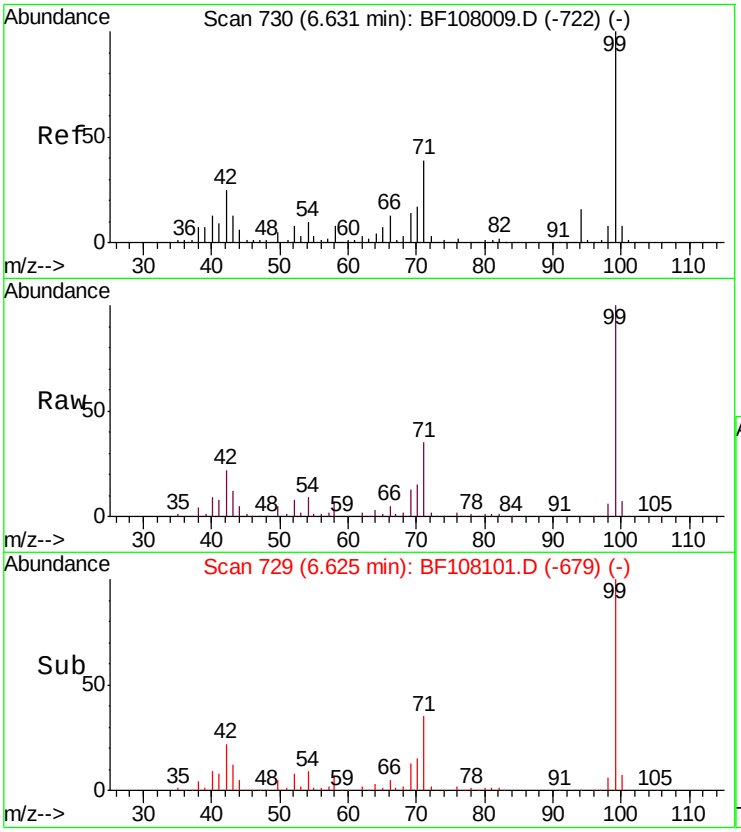


#5
2-Fluorophenol
Concen: 24.237 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108101.D
Acq: 10 Aug 2018 23:09

Tgt Ion:112 Resp: 270957

Ion	Ratio	Lower	Upper
112	100		
64	62.0	47.9	71.9
63	32.6	23.7	35.5



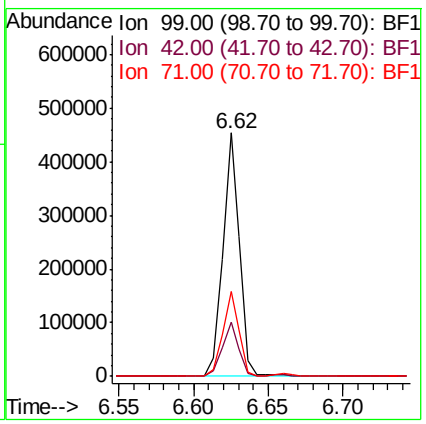


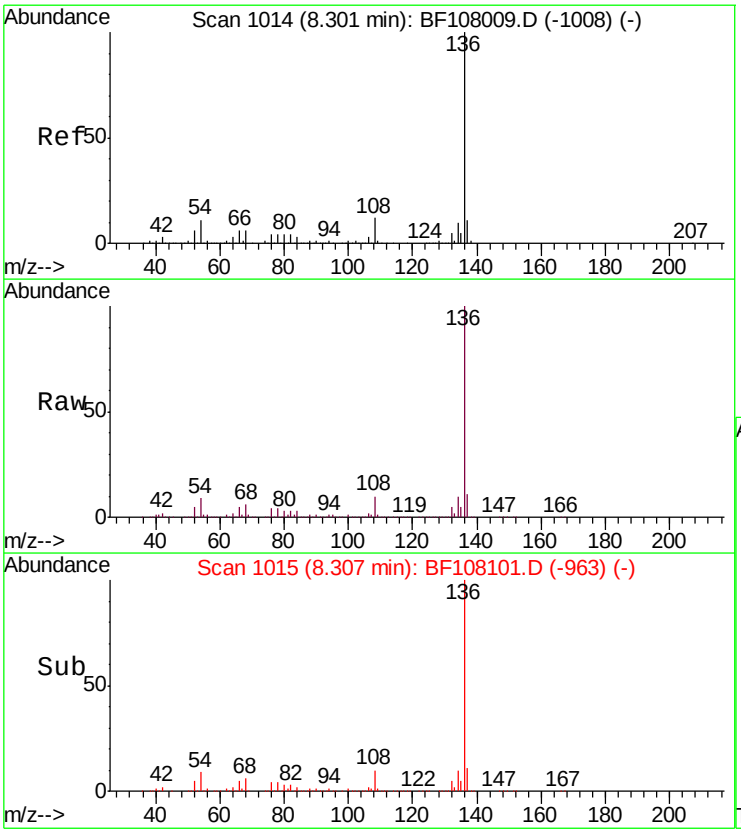
#7
Phenol-d6
Concen: 24.078 ng
RT: 6.62 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF108101.D
Acq: 10 Aug 2018 23:09

Instrument :
BNA_F
ClientSampleId :
HD-01-080918

Tgt Ion: 99 Resp: 357707

Ion	Ratio	Lower	Upper
99	100		
42	22.4	14.5	21.7#
71	34.8	25.4	38.0

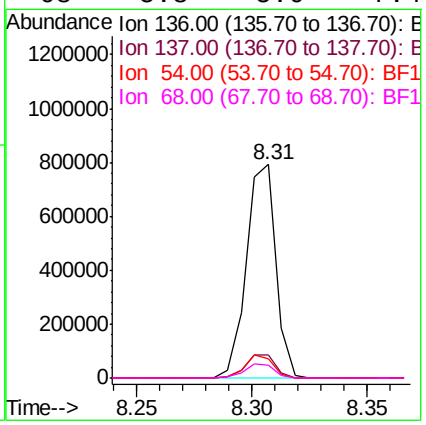


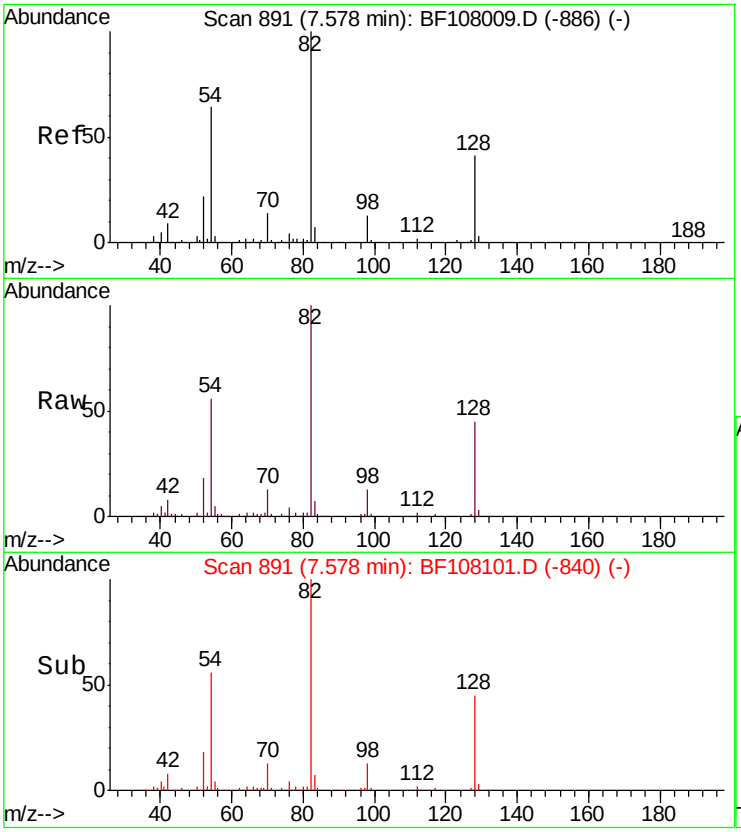


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.31 min Scan# 1015
Delta R.T. 0.01 min
Lab File: BF108101.D
Acq: 10 Aug 2018 23:09

Tgt Ion:136 Resp: 709424

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.1	6.6	9.8
68	5.8	5.0	7.4



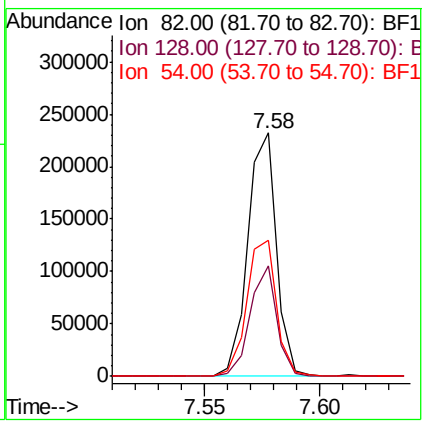


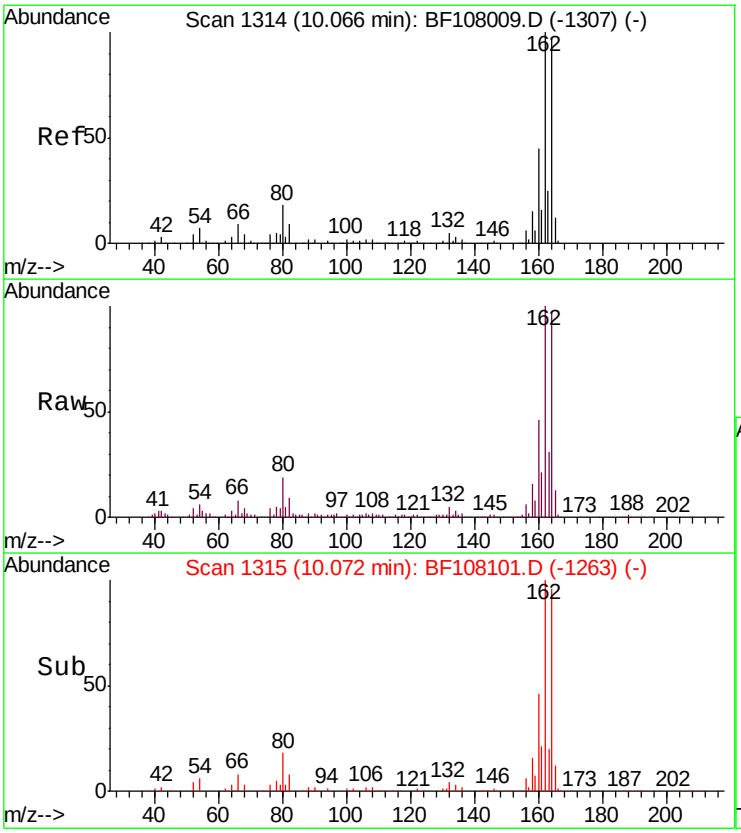
#23
Nitrobenzene-d5
Concen: 15.908 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF108101.D
Acq: 10 Aug 2018 23:09

Instrument :
BNA_F
ClientSampleId :
HD-01-080918

Tgt Ion: 82 Resp: 202247

Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.1	54.1
54	55.7	41.4	62.2

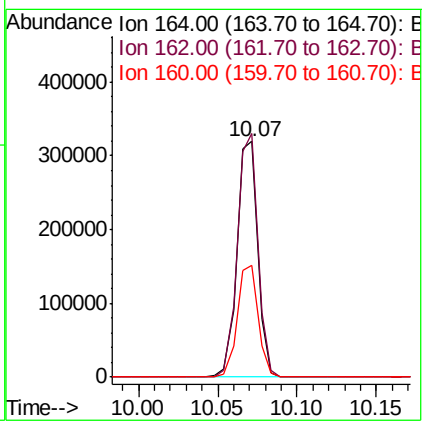


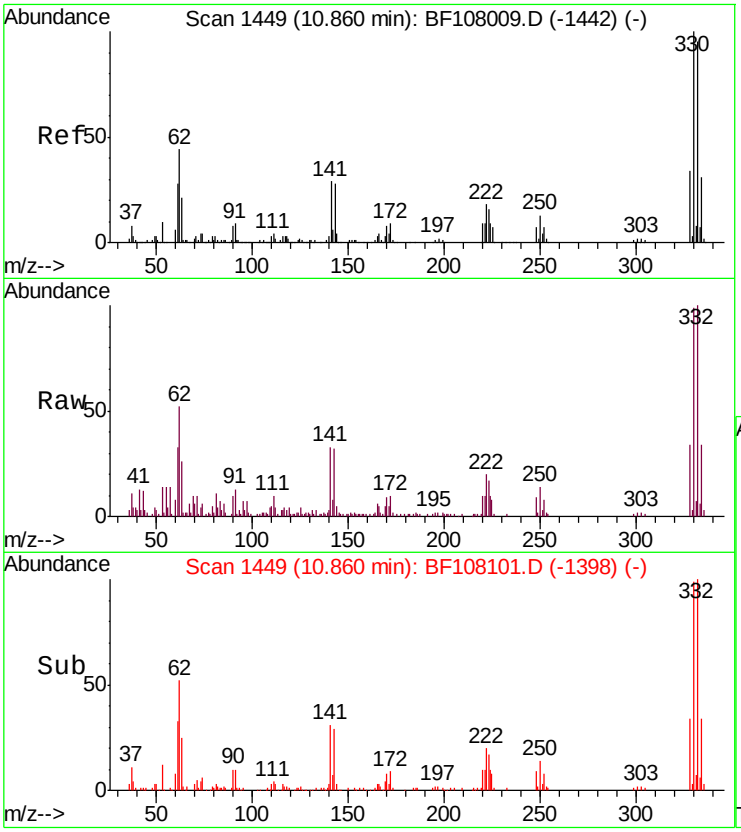


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.07 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF108101.D
Acq: 10 Aug 2018 23:09

Tgt Ion:164 Resp: 289874

Ion	Ratio	Lower	Upper
164	100		
162	103.4	86.1	129.1
160	47.3	38.3	57.5



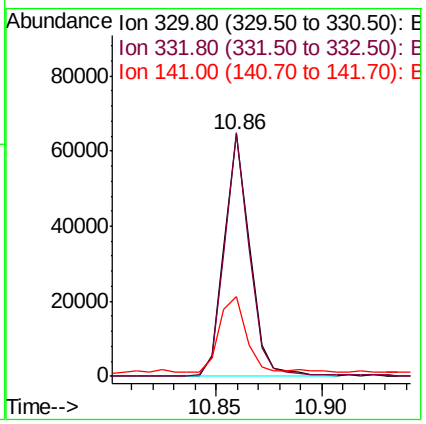


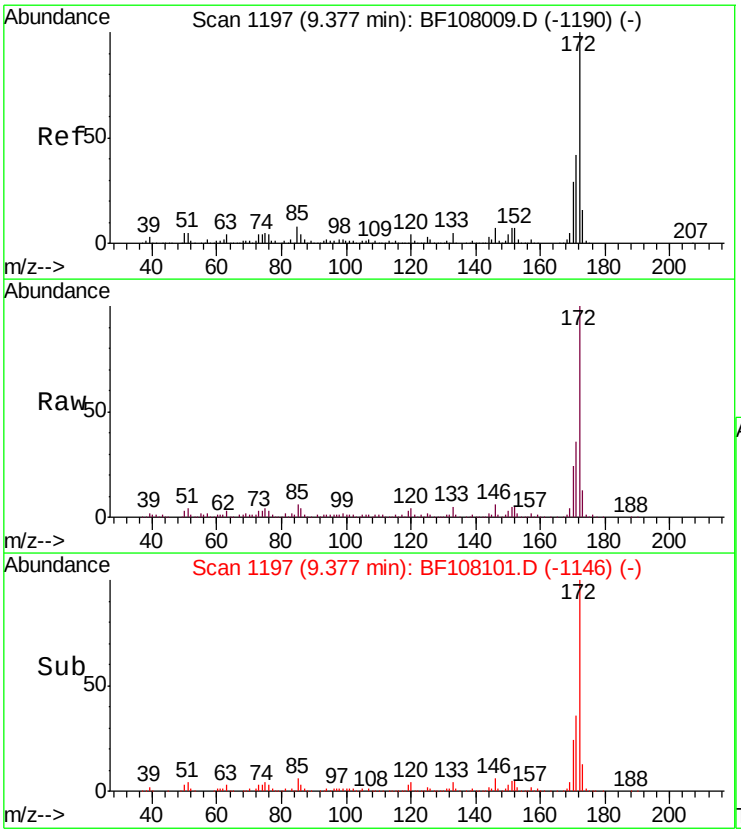
#41
2,4,6-Tribromophenol
Concen: 18.776 ng
RT: 10.86 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BF108101.D
Acq: 10 Aug 2018 23:09

Instrument :
BNA_F
ClientSampleId :
HD-01-080918

Tgt Ion:330 Resp: 54288

Ion	Ratio	Lower	Upper
330	100		
332	98.8	77.0	115.6
141	35.3	29.9	44.9

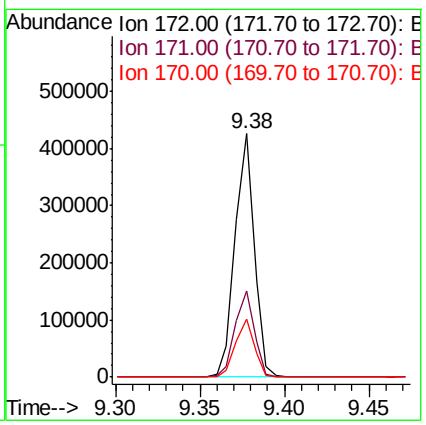


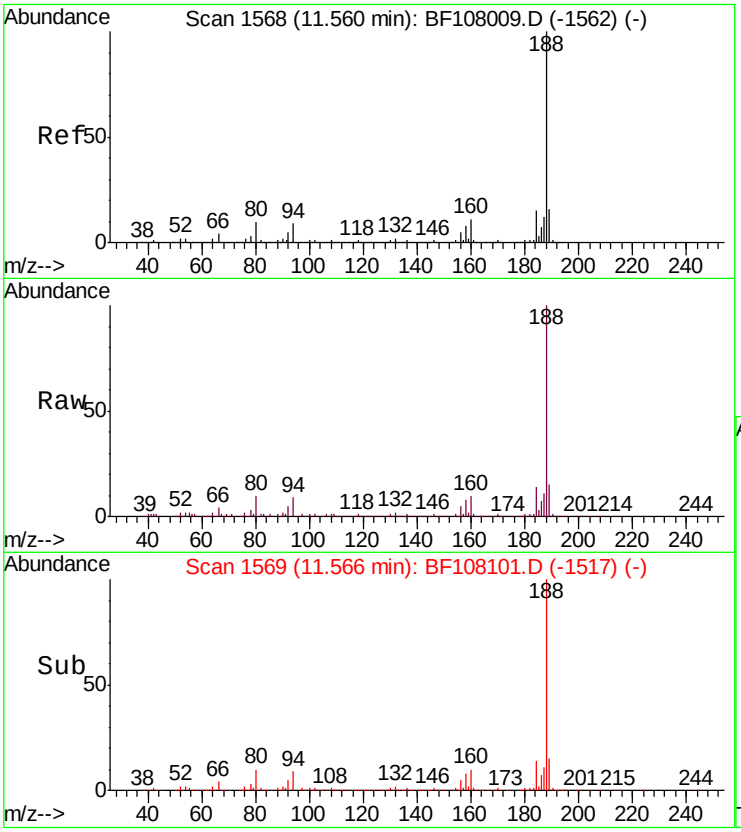


#44
2-Fluorobiphenyl
Concen: 18.608 ng
RT: 9.38 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BF108101.D
Acq: 10 Aug 2018 23:09

Tgt Ion:172 Resp: 335981

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.6	19.6	29.4



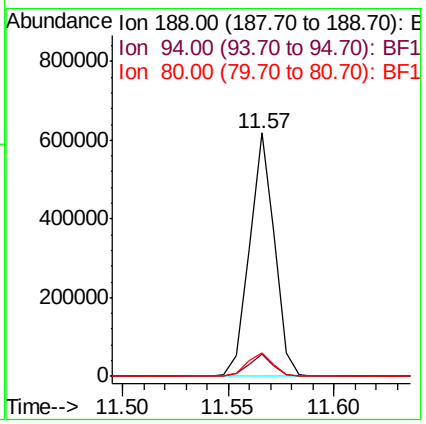


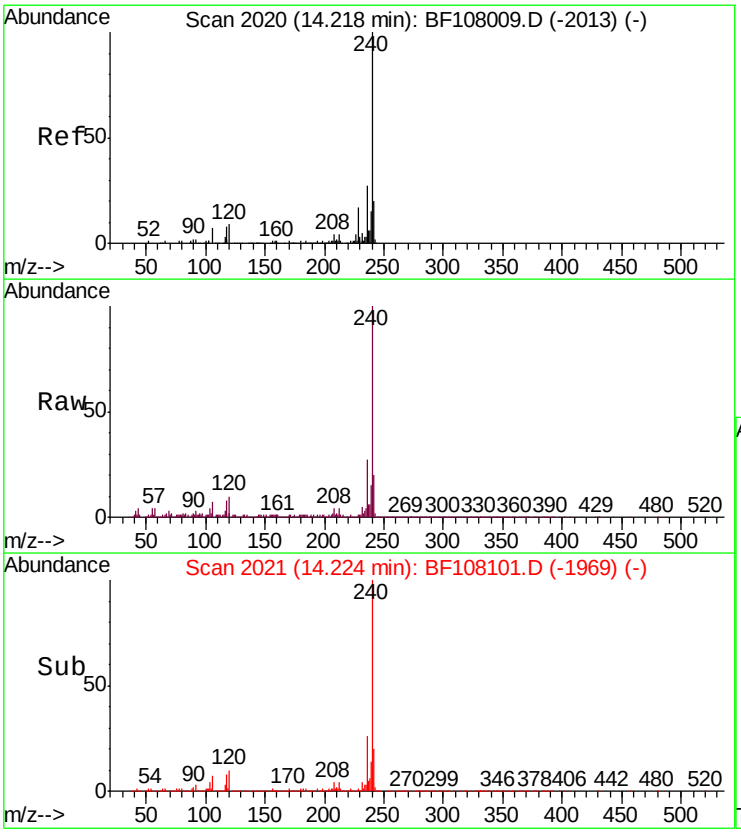
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.57 min Scan# 1569
Delta R.T. 0.01 min
Lab File: BF108101.D
Acq: 10 Aug 2018 23:09

Instrument :
BNA_F
ClientSampleId :
HD-01-080918

Tgt Ion:188 Resp: 507025

Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.5	12.7
80	9.7	9.2	13.8

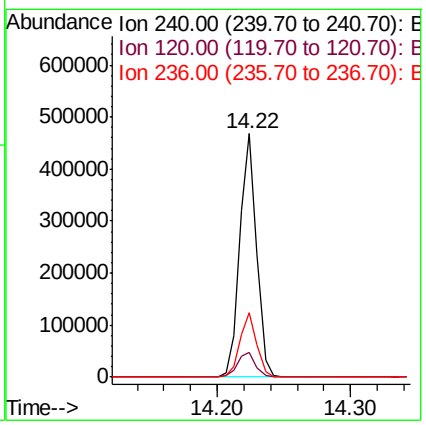


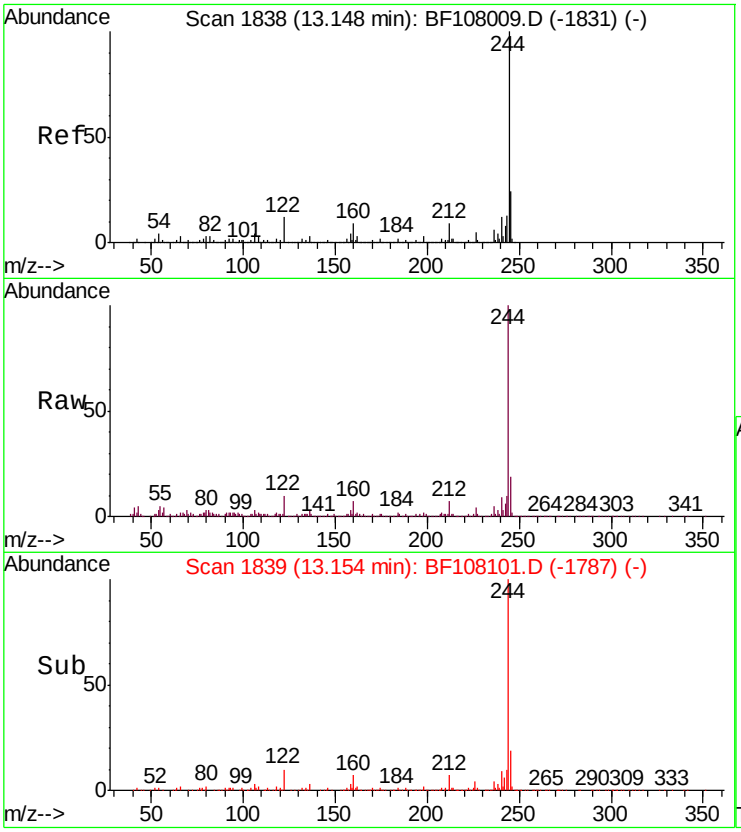


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.22 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BF108101.D
Acq: 10 Aug 2018 23:09

Tgt Ion:240 Resp: 407978

Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.5	14.3
236	26.6	20.7	31.1



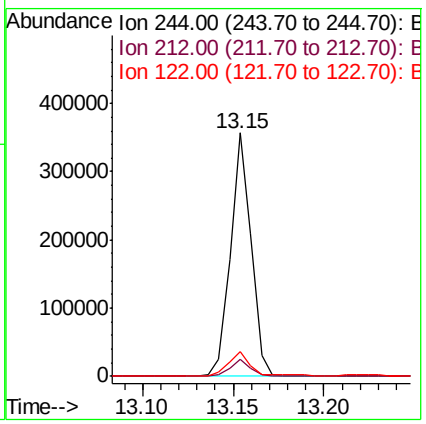


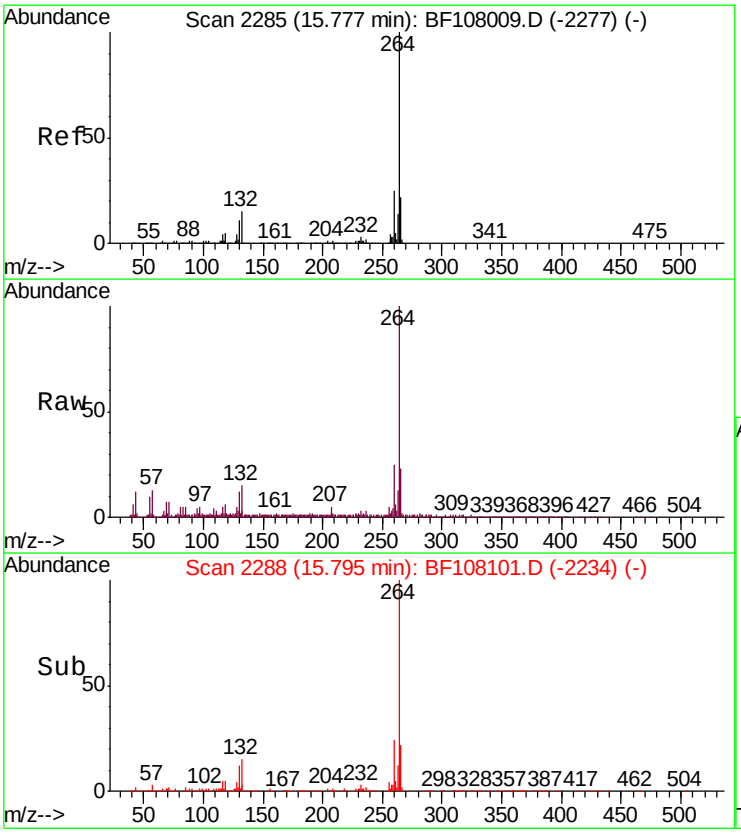
#78
Terphenyl-d14
Concen: 17.608 ng
RT: 13.15 min Scan# 1839
Delta R.T. 0.01 min
Lab File: BF108101.D
Acq: 10 Aug 2018 23:09

Instrument :
BNA_F
ClientSampleId :
HD-01-080918

Tgt Ion:244 Resp: 282540

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	9.9	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.79 min Scan# 2288
Delta R.T. 0.02 min
Lab File: BF108101.D
Acq: 10 Aug 2018 23:09

Tgt Ion:264 Resp: 273113

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	22.5	17.5	26.3