Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082118\
Data File : BF108337.D
Acq On : 21 Aug 2018 14:24
Operator : JU/SJ
Sample : J4521-21
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11967

Quant Time: Aug 21 15:13:42 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	161003	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	609807	20.00	ng	-0.02
38) Acenaphthene-d10	10.05	164	319121	20.00	ng	-0.02
63) Phenanthrene-d10	11.54	188	670960	20.00	ng	-0.02
75) Chrysene-d12	14.20	240	527312	20.00	ng	-0.02
86) Perylene-d12	15.75	264	354554	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	1192419	134.09	ng	0.02
7) Phenol-d6	6.63	99	1444193	122.21	ng	0.00
23) Nitrobenzene-d5	7.57	82	1181940	108.16	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	579919	182.18	ng	-0.01
44) 2-Fluorobiphenyl	9.37	172	2096409	105.47	ng	-0.01
78) Terphenyl-d14	13.14	244	2623969	126.52	ng	-0.01

Target Compounds	Qvalue

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

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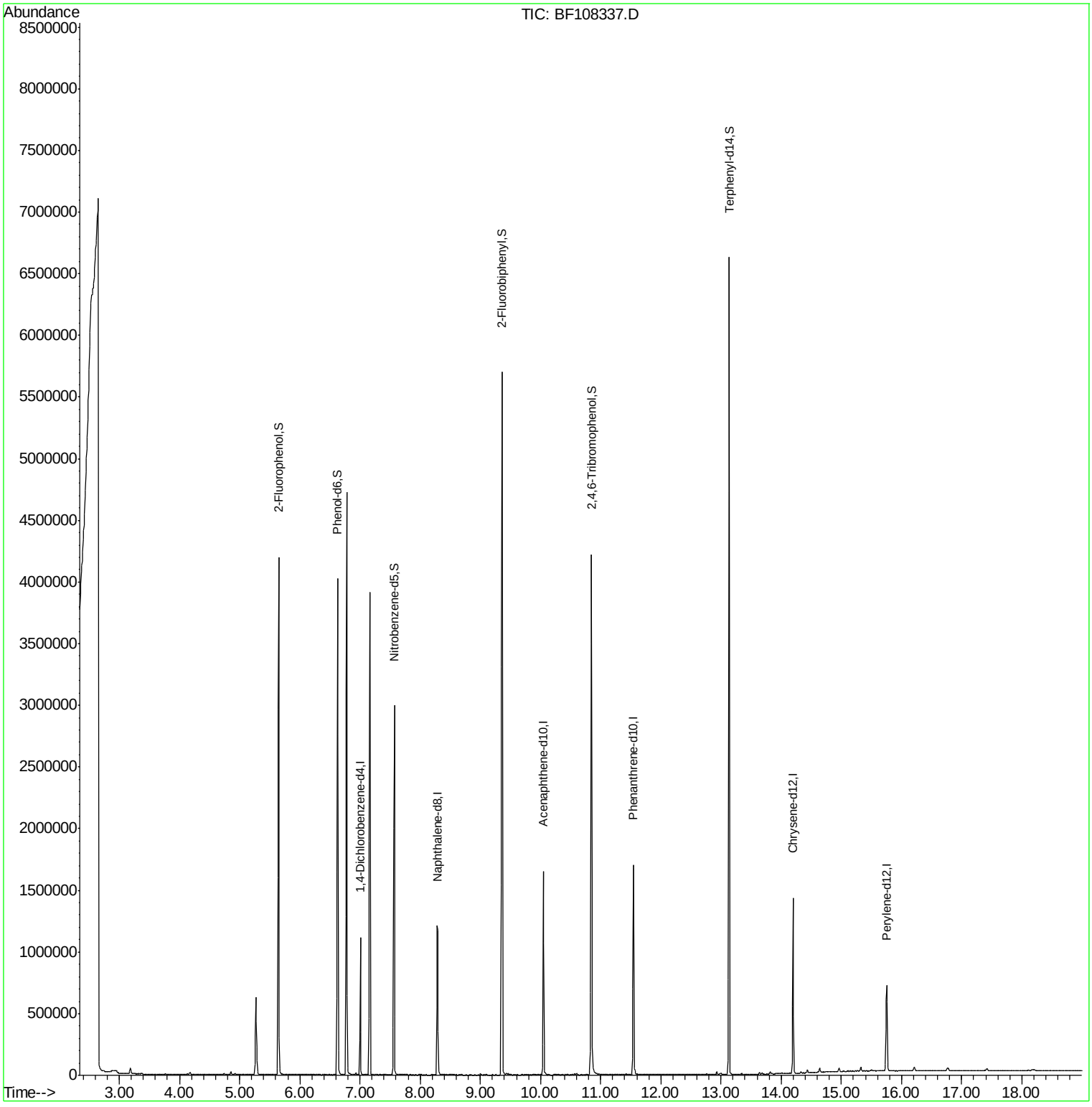
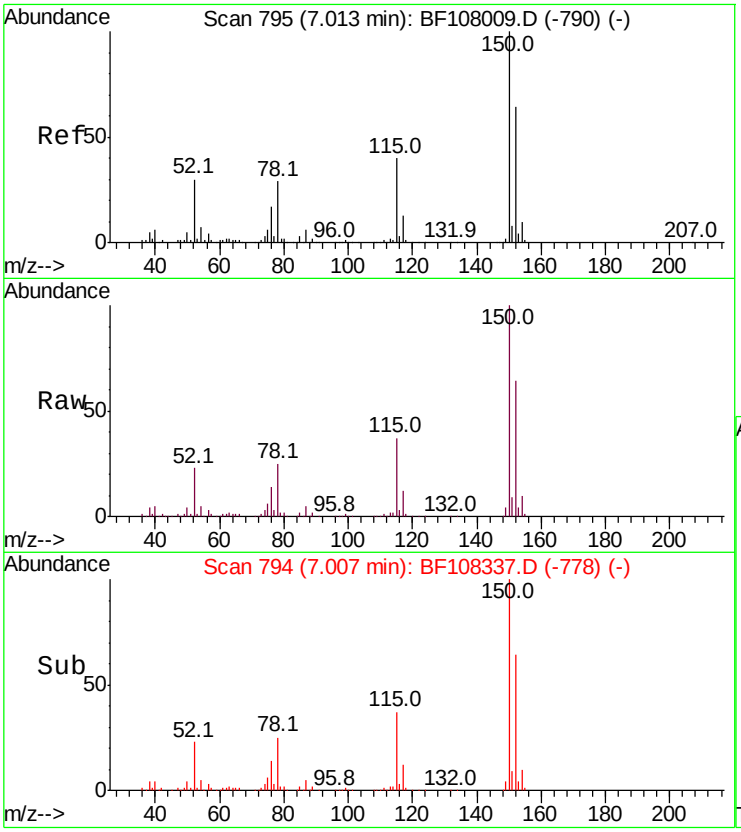


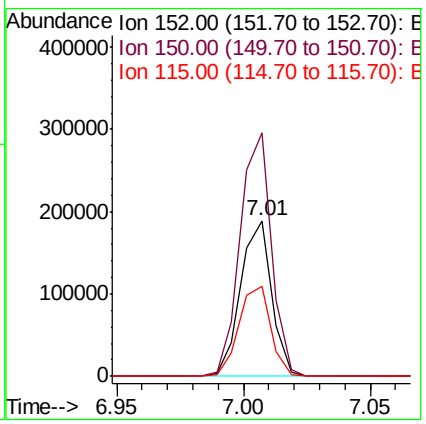


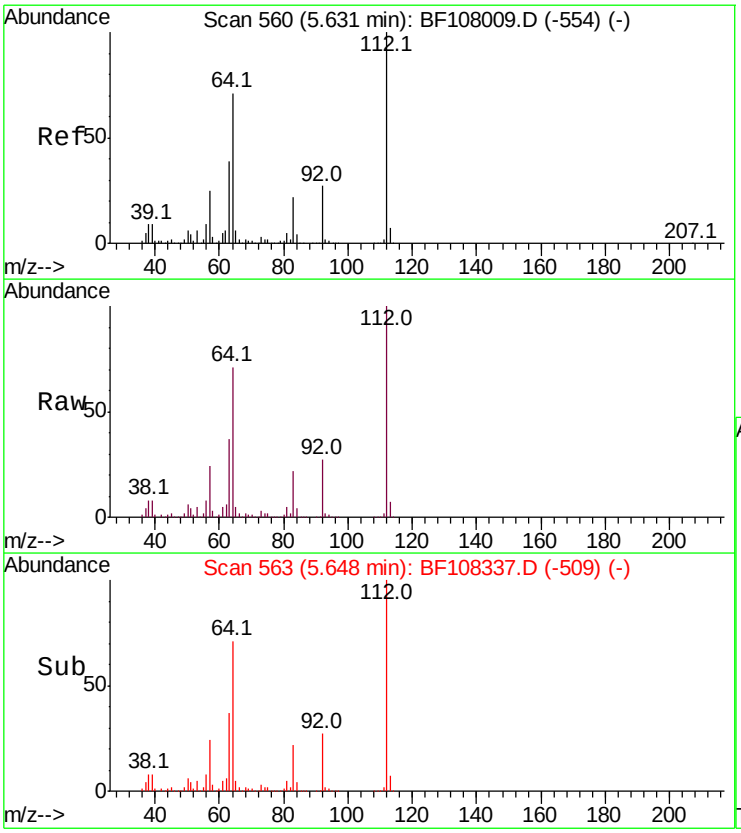
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF108337.D
Acq: 21 Aug 2018 14:24

Instrument :
BNA_F
ClientSampleId :
72-11967

Tgt Ion:152 Resp: 161003

Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.6	186.8
115	57.9	50.1	75.1

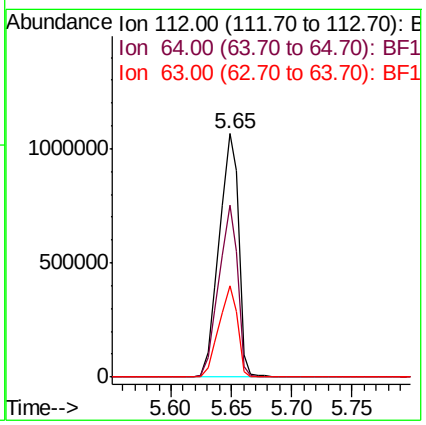


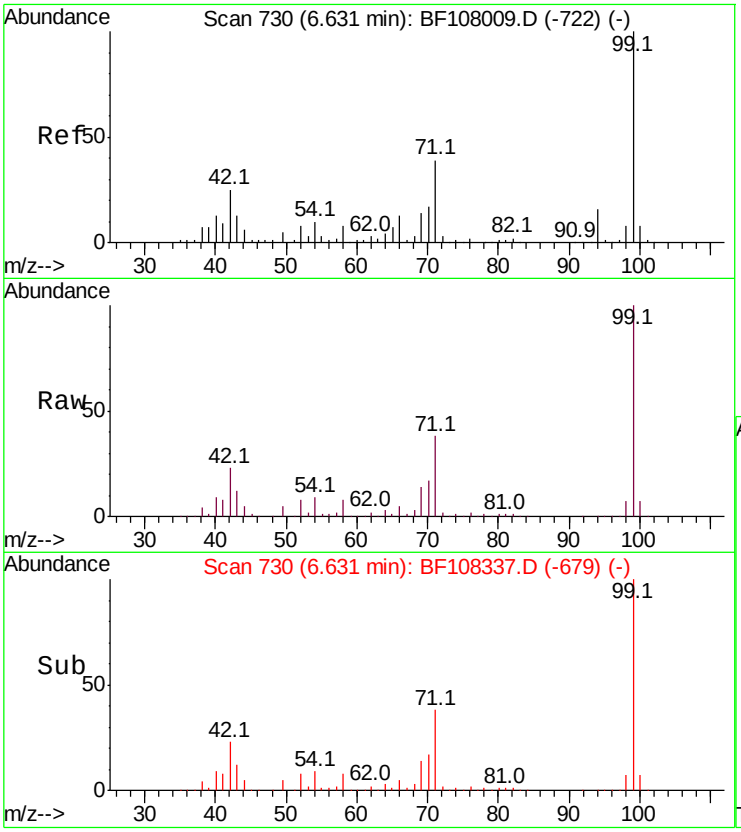


#5
2-Fluorophenol
Concen: 134.086 ng
RT: 5.65 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF108337.D
Acq: 21 Aug 2018 14:24

Tgt Ion:112 Resp: 1192419

Ion	Ratio	Lower	Upper
112	100		
64	70.7	47.9	71.9
63	37.3	23.7	35.5#



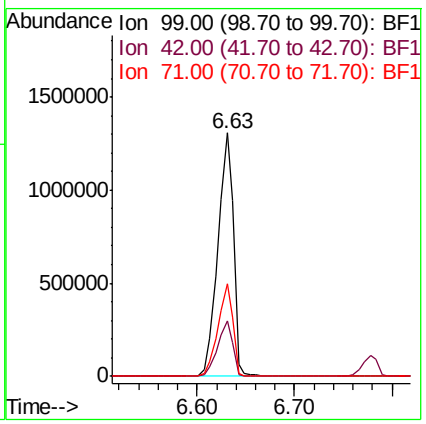


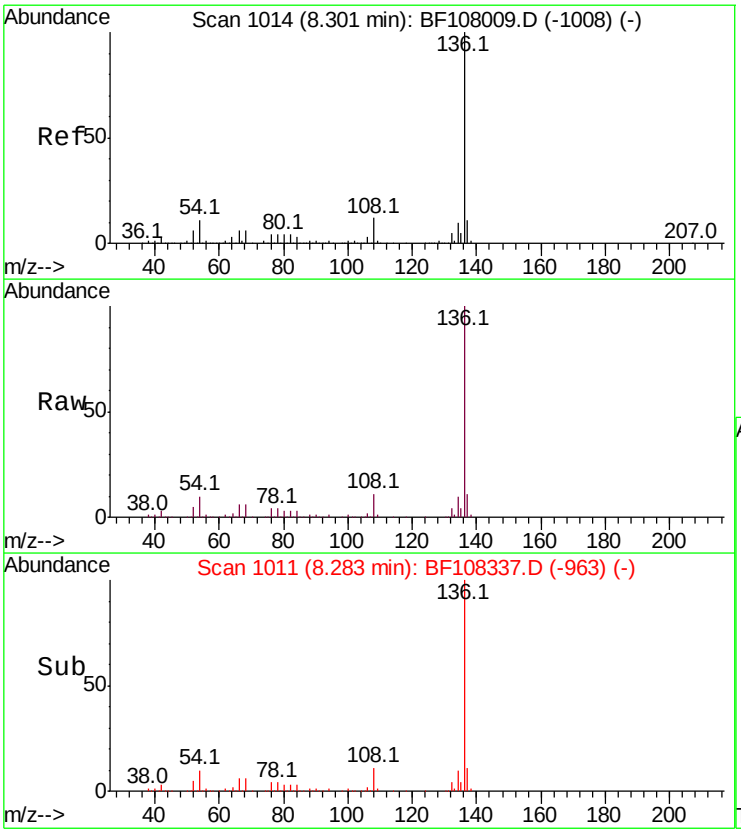
#7
Phenol-d6
Concen: 122.208 ng
RT: 6.63 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF108337.D
Acq: 21 Aug 2018 14:24

Instrument :
BNA_F
ClientSampleId :
72-11967

Tgt Ion: 99 Resp: 1444193

Ion	Ratio	Lower	Upper
99	100		
42	22.9	14.5	21.7#
71	37.9	25.4	38.0

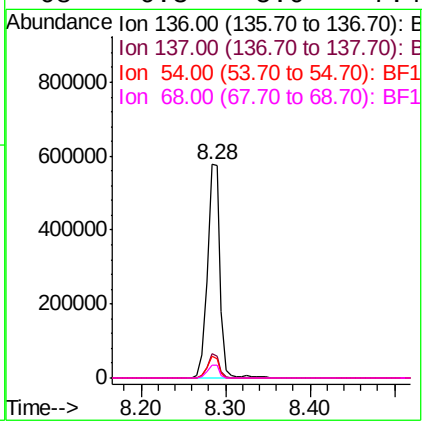


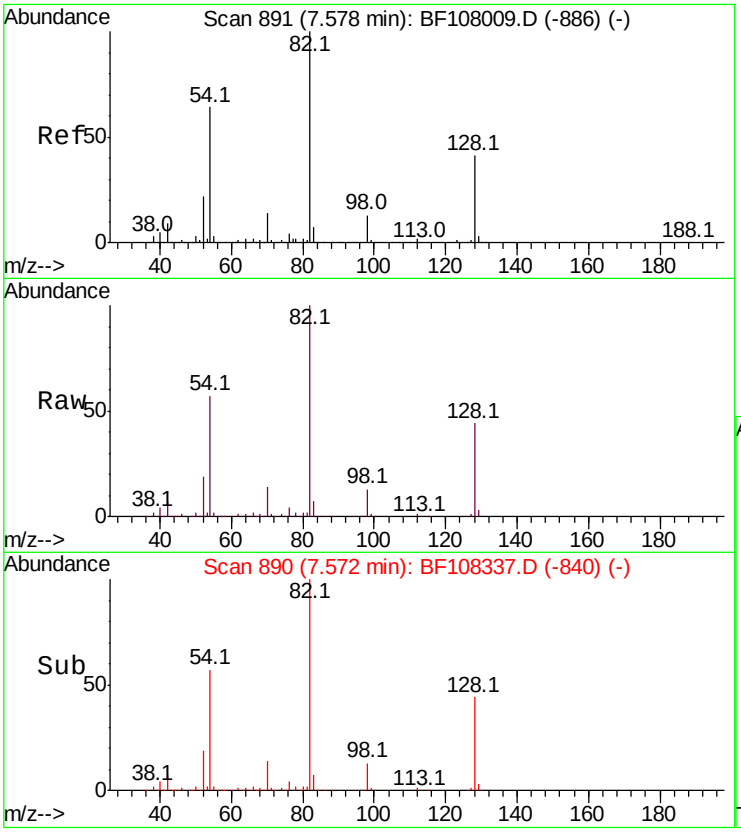


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BF108337.D
Acq: 21 Aug 2018 14:24

Tgt Ion:136 Resp: 609807

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	10.4	6.6	9.8#
68	6.3	5.0	7.4



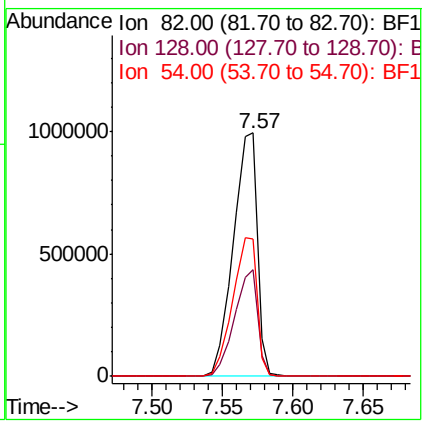


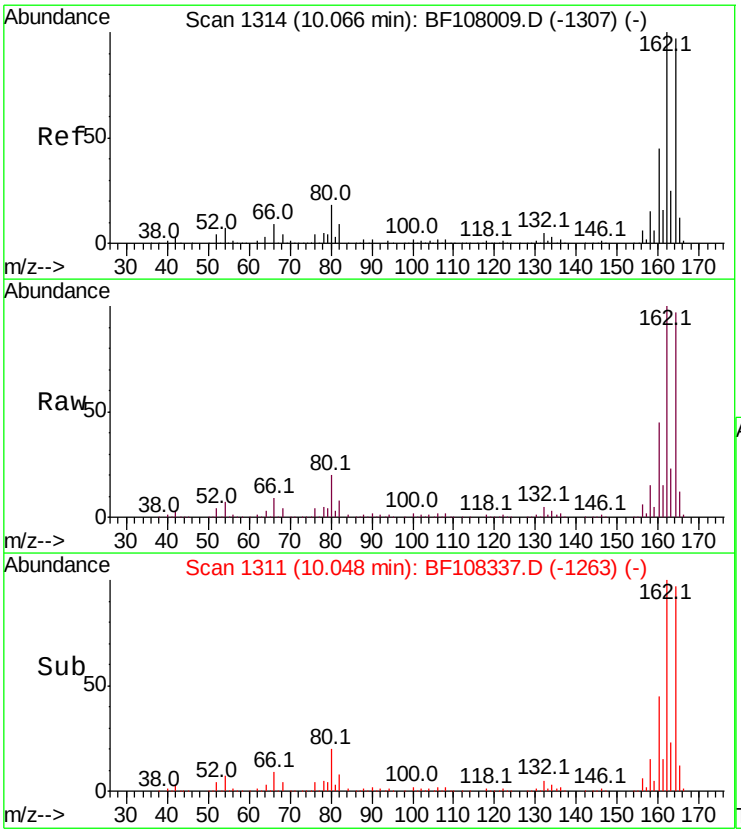
#23
Nitrobenzene-d5
Concen: 108.155 ng
RT: 7.57 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF108337.D
Acq: 21 Aug 2018 14:24

Instrument :
BNA_F
ClientSampleId :
72-11967

Tgt Ion: 82 Resp: 1181940

Ion	Ratio	Lower	Upper
82	100		
128	44.0	36.1	54.1
54	56.6	41.4	62.2

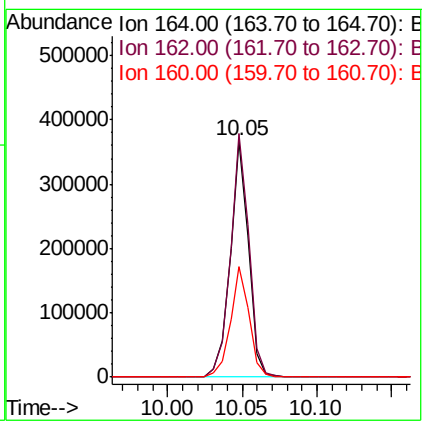


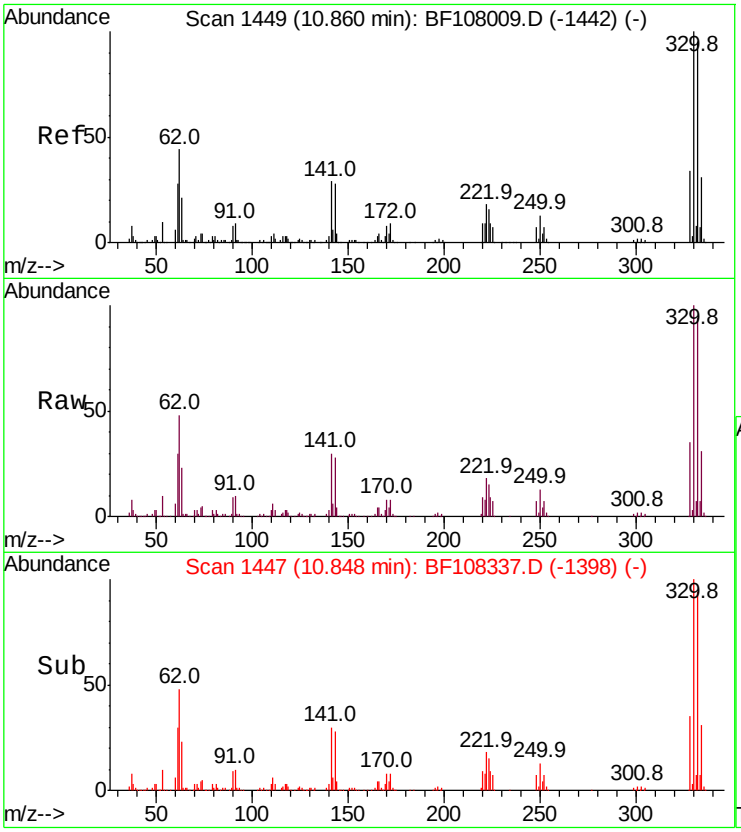


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.05 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BF108337.D
Acq: 21 Aug 2018 14:24

Tgt Ion:164 Resp: 319121

Ion	Ratio	Lower	Upper
164	100		
162	102.9	86.1	129.1
160	46.5	38.3	57.5



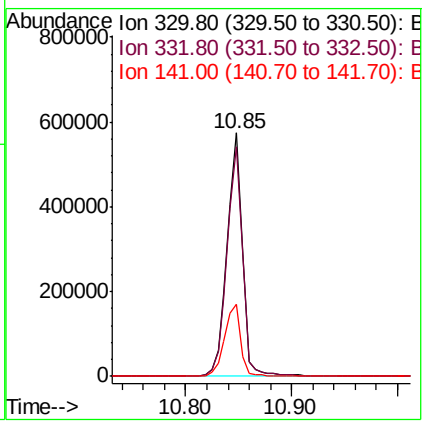


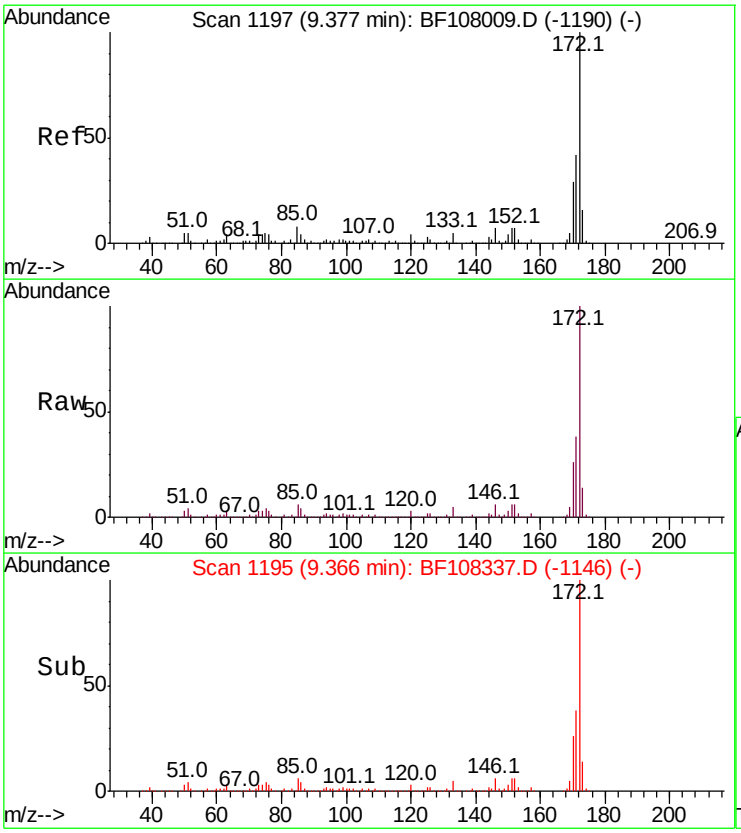
#41
2,4,6-Tribromophenol
Concen: 182.184 ng
RT: 10.85 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF108337.D
Acq: 21 Aug 2018 14:24

Instrument :
BNA_F
ClientSampleId :
72-11967

Tgt Ion:330 Resp: 579919

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	31.7	29.9	44.9

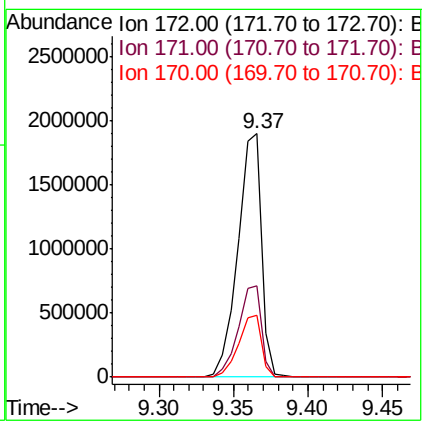


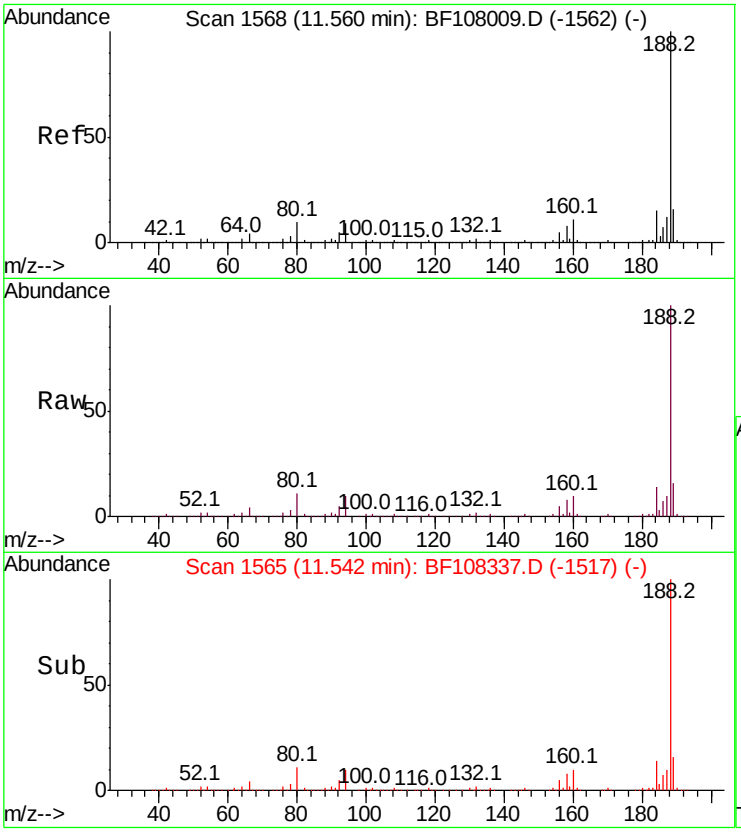


#44
2-Fluorobiphenyl
Concen: 105.468 ng
RT: 9.37 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF108337.D
Acq: 21 Aug 2018 14:24

Tgt Ion:172 Resp: 2096409

Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.7	44.5
170	25.6	19.6	29.4



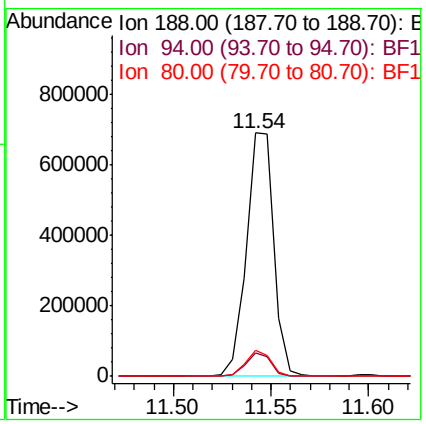


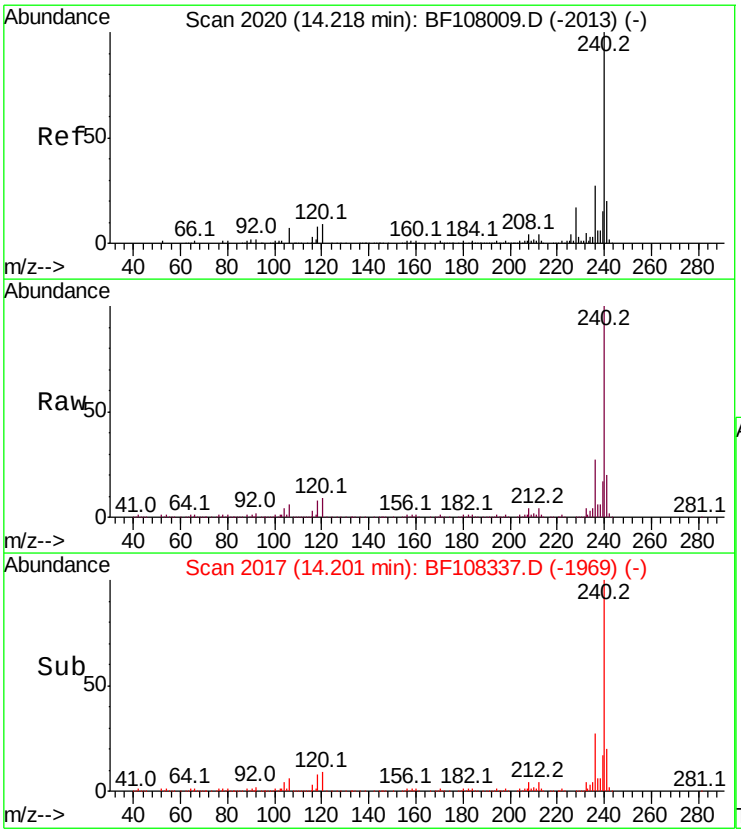
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.02 min
Lab File: BF108337.D
Acq: 21 Aug 2018 14:24

Instrument :
BNA_F
ClientSampleId :
72-11967

Tgt Ion:188 Resp: 670960

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.5	12.7
80	10.7	9.2	13.8

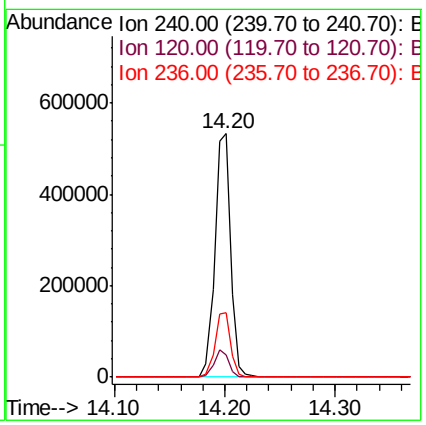


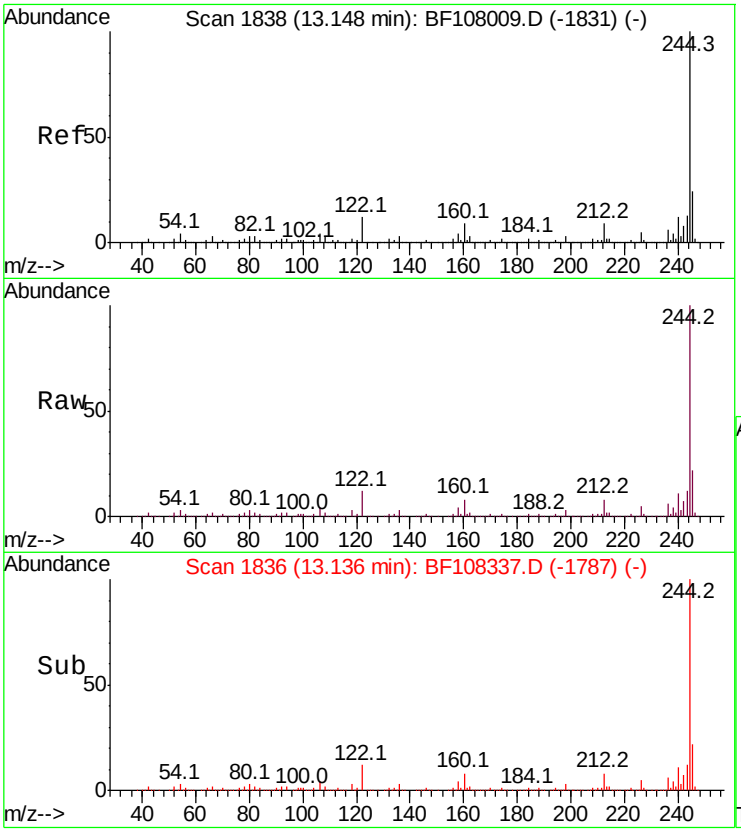


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.20 min Scan# 2017
Delta R.T. -0.02 min
Lab File: BF108337.D
Acq: 21 Aug 2018 14:24

Tgt Ion:240 Resp: 527312

Ion	Ratio	Lower	Upper
240	100		
120	9.1	9.5	14.3#
236	26.5	20.7	31.1



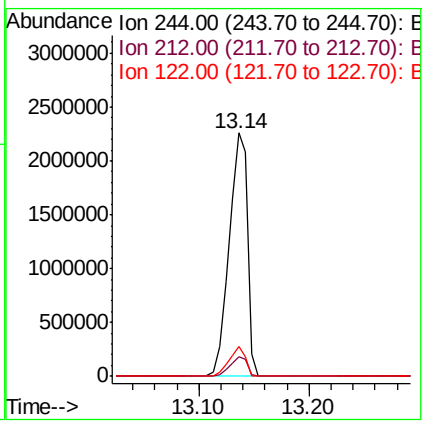


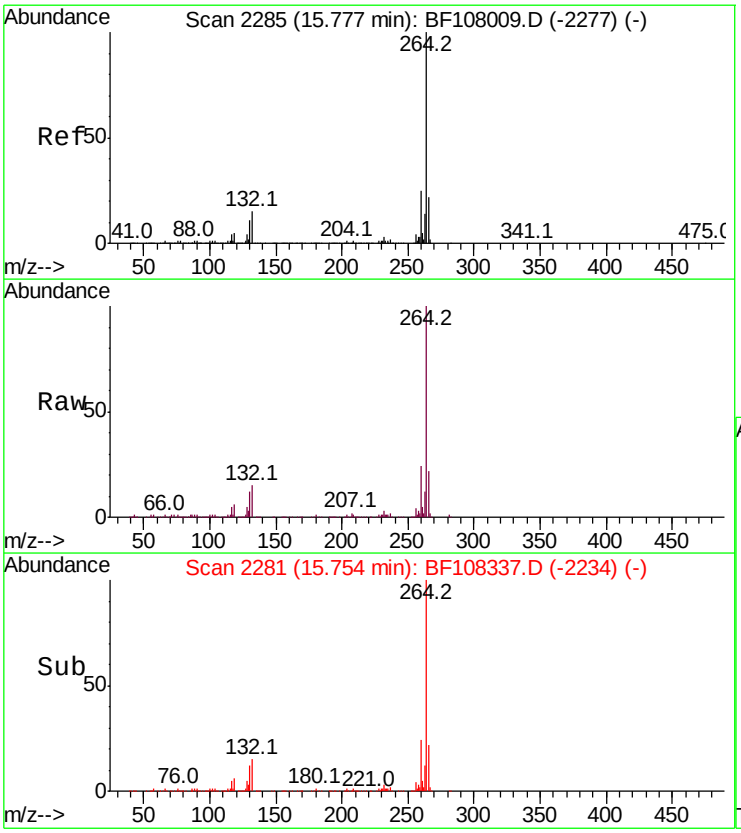
#78
Terphenyl-d14
Concen: 126.521 ng
RT: 13.14 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BF108337.D
Acq: 21 Aug 2018 14:24

Instrument :
BNA_F
ClientSampleId :
72-11967

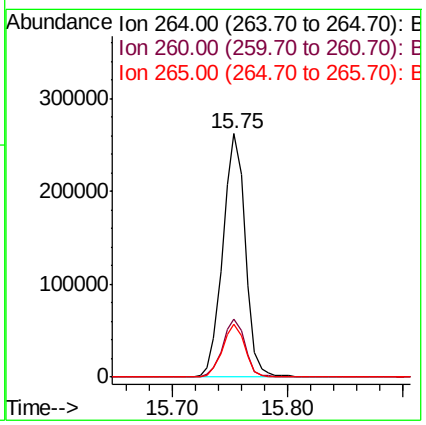
Tgt Ion:244 Resp: 2623969

Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.4	8.0#
122	12.2	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2281
Delta R.T. -0.02 min
Lab File: BF108337.D
Acq: 21 Aug 2018 14:24

Tgt Ion:264 Resp: 354554

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.8	17.5	26.3