Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
Data File : BF108323.D
Acq On : 21 Aug 2018 7:15
Operator : JU/SJ
Sample : J4521-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHRT26100

Quant Time: Aug 21 10:53:37 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	7.02	152	157450	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	527979	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	220696	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	393505	20.00	ng	0.00
75) Chrysene-d12	14.21	240	292326	20.00	ng	0.00
86) Perylene-d12	15.78	264	220905	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	1007254	115.82	ng	0.03
7) Phenol-d6	6.64	99	1148703	99.40	ng	0.01
23) Nitrobenzene-d5	7.58	82	889963	94.06	ng	0.00
41) 2,4,6-Tribromophenol	10.86	330	305382	138.72	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	1564883	113.84	ng	0.00
78) Terphenyl-d14	13.15	244	1453456	126.42	ng	0.00
Target Compounds						Qvalue

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

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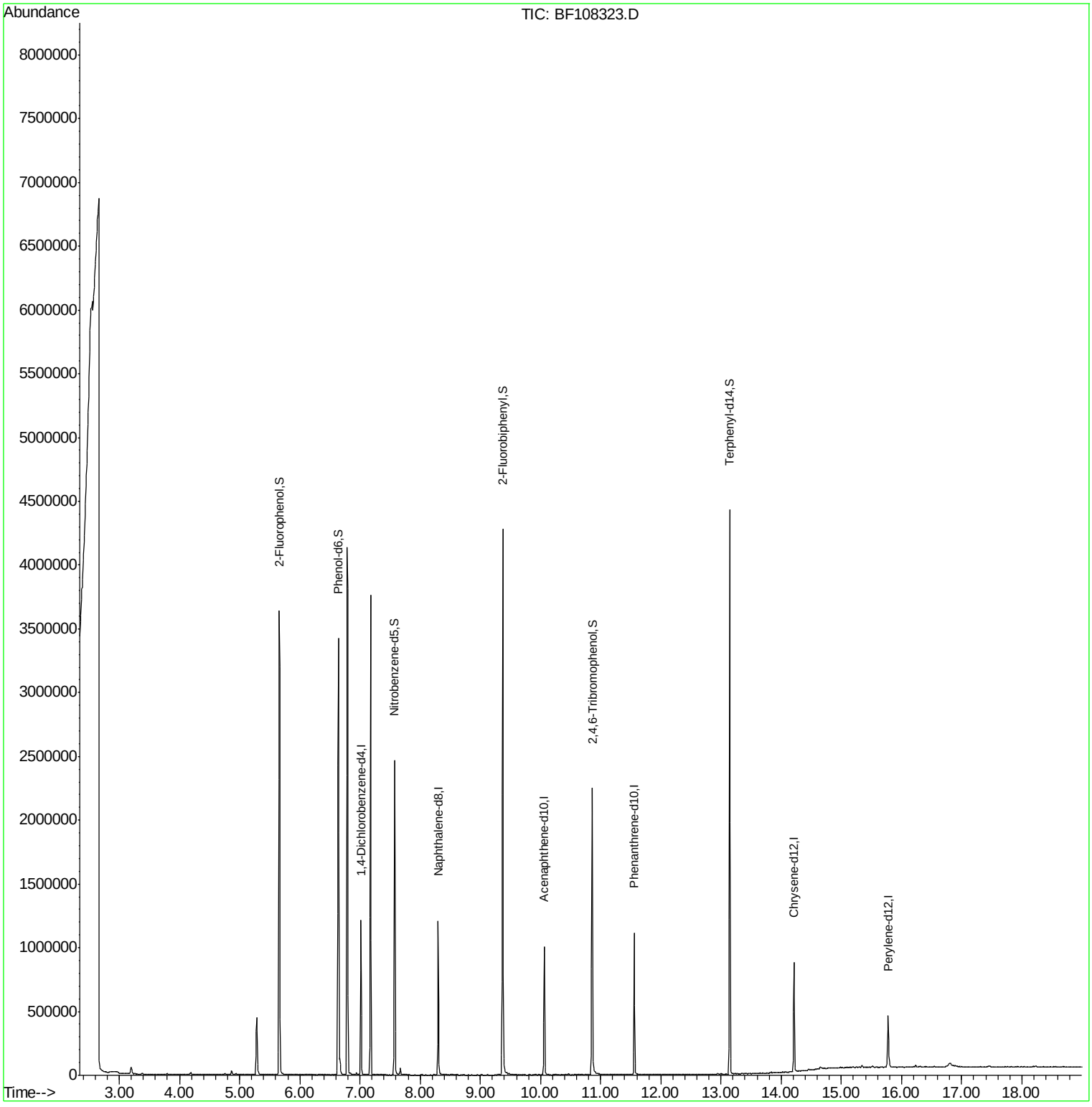
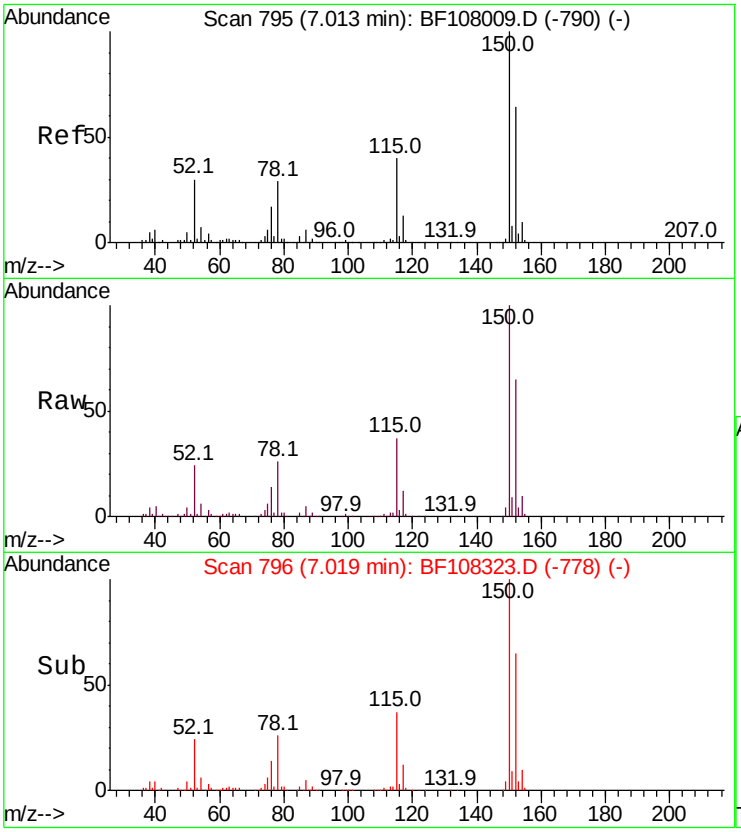


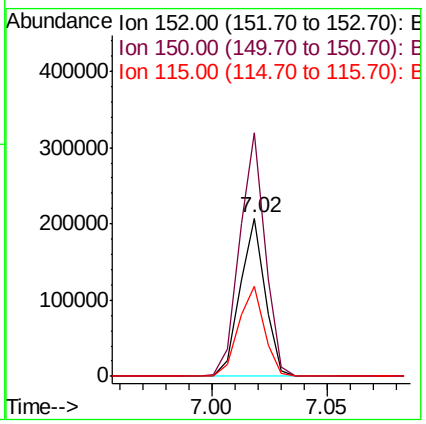


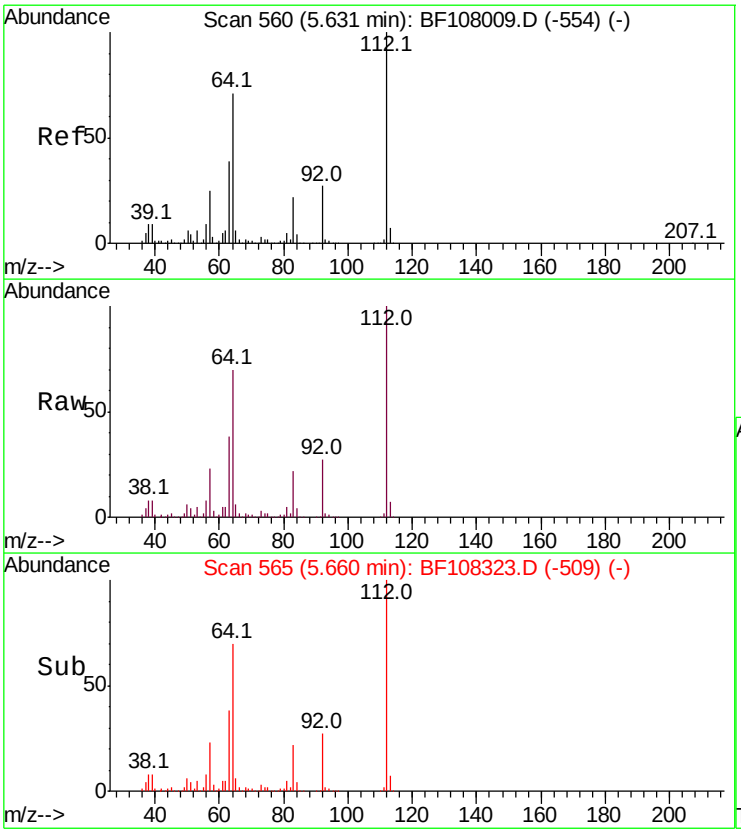
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108323.D
Acq: 21 Aug 2018 7:15

Instrument :
BNA_F
ClientSampleId :
CHRT26100

Tgt Ion:152 Resp: 157450

Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.6	186.8
115	57.0	50.1	75.1

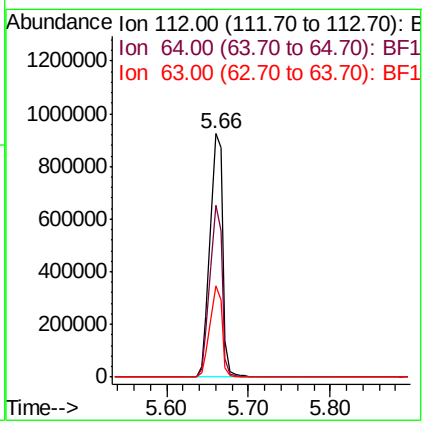


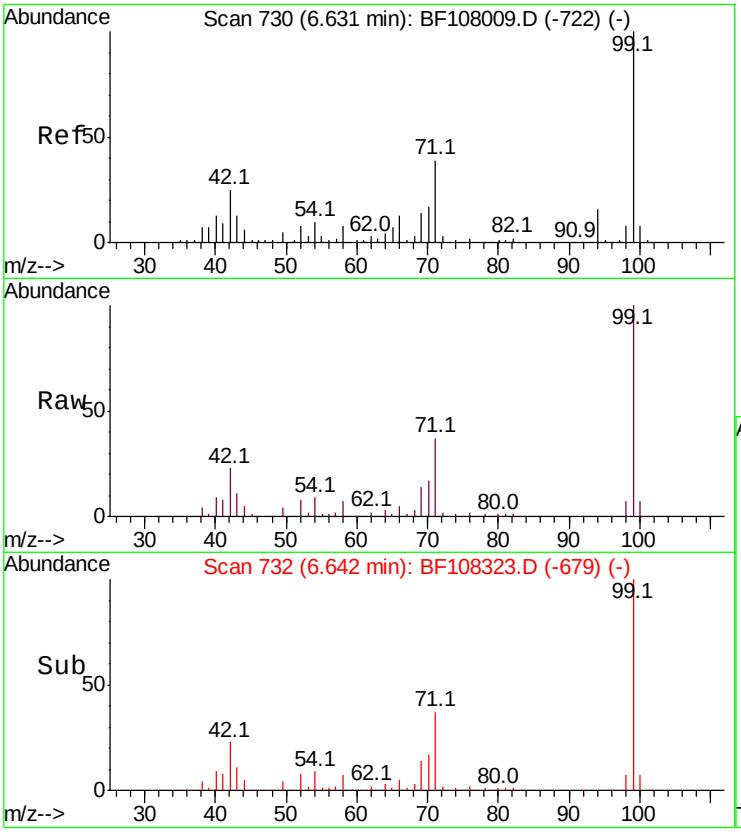


#5
2-Fluorophenol
Concen: 115.820 ng
RT: 5.66 min Scan# 565
Delta R.T. 0.03 min
Lab File: BF108323.D
Acq: 21 Aug 2018 7:15

Tgt Ion:112 Resp: 1007254

Ion	Ratio	Lower	Upper
112	100		
64	70.5	47.9	71.9
63	37.7	23.7	35.5#



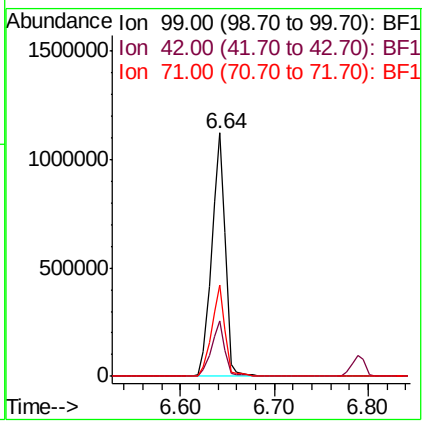


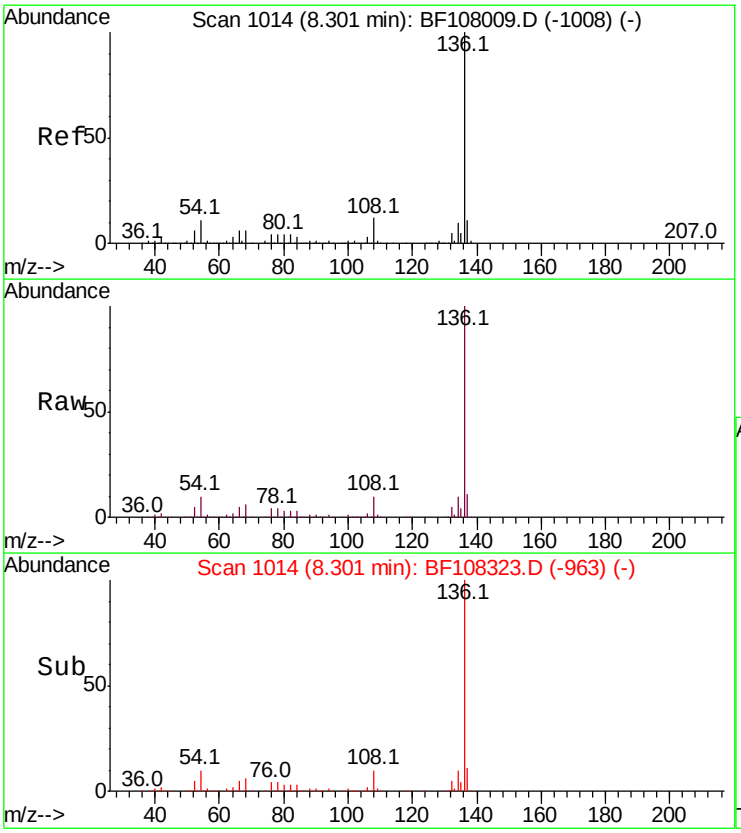
#7
Phenol-d6
Concen: 99.397 ng
RT: 6.64 min Scan# 732
Delta R.T. 0.01 min
Lab File: BF108323.D
Acq: 21 Aug 2018 7:15

Instrument :
BNA_F
ClientSampleId :
CHRT26100

Tgt Ion: 99 Resp: 1148703

Ion	Ratio	Lower	Upper
99	100		
42	22.6	14.5	21.7#
71	37.3	25.4	38.0

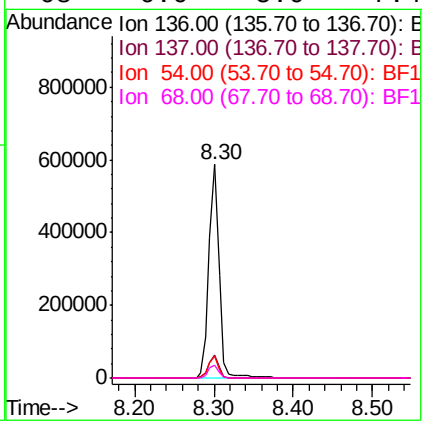


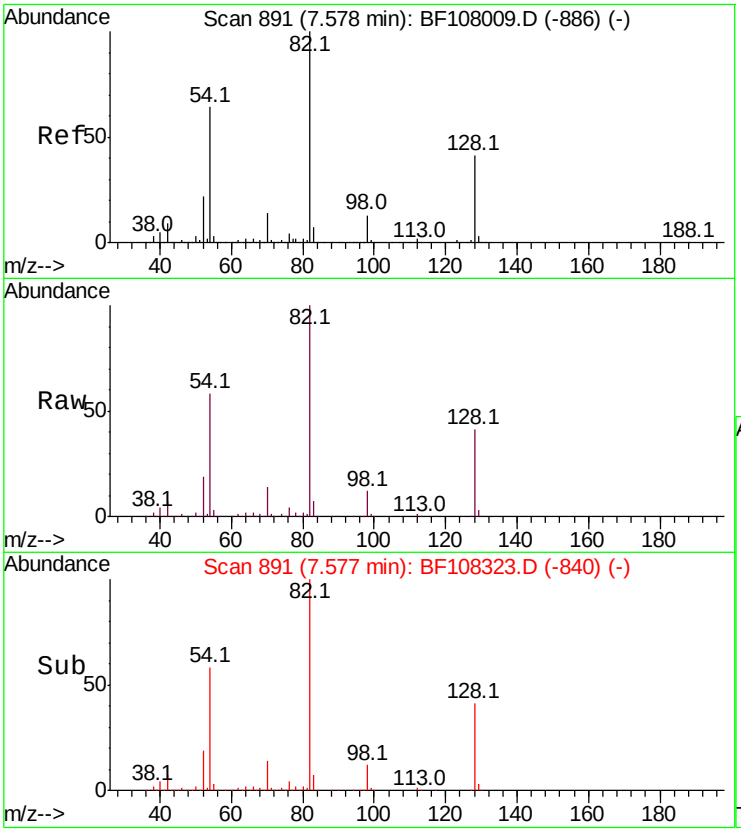


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BF108323.D
Acq: 21 Aug 2018 7:15

Tgt Ion:136 Resp: 527979

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.9	6.6	9.8#
68	6.0	5.0	7.4



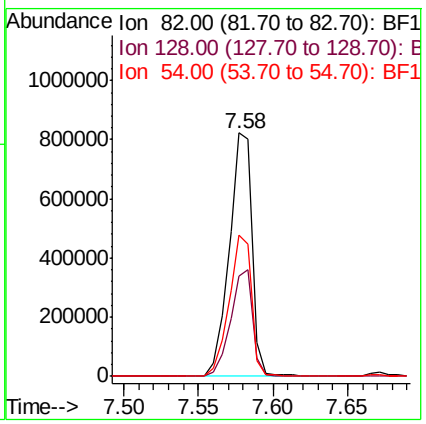


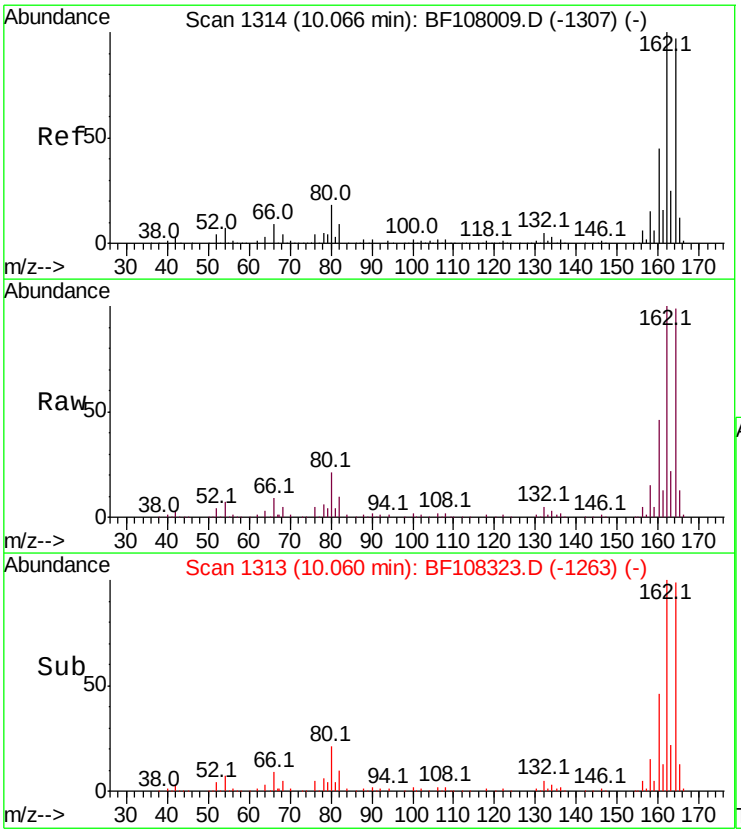
#23
Nitrobenzene-d5
Concen: 94.059 ng
RT: 7.58 min Scan# 891
Delta R.T. -0.00 min
Lab File: BF108323.D
Acq: 21 Aug 2018 7:15

Instrument :
BNA_F
ClientSampleId :
CHRT26100

Tgt Ion: 82 Resp: 889963

Ion	Ratio	Lower	Upper
82	100		
128	41.4	36.1	54.1
54	58.0	41.4	62.2

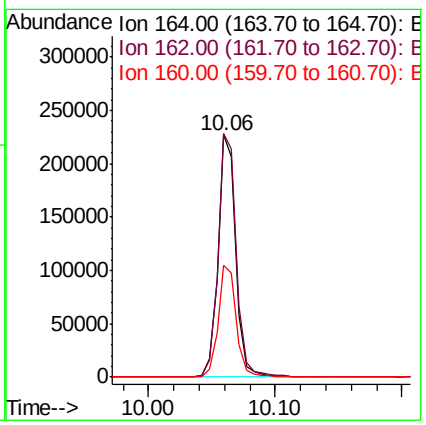


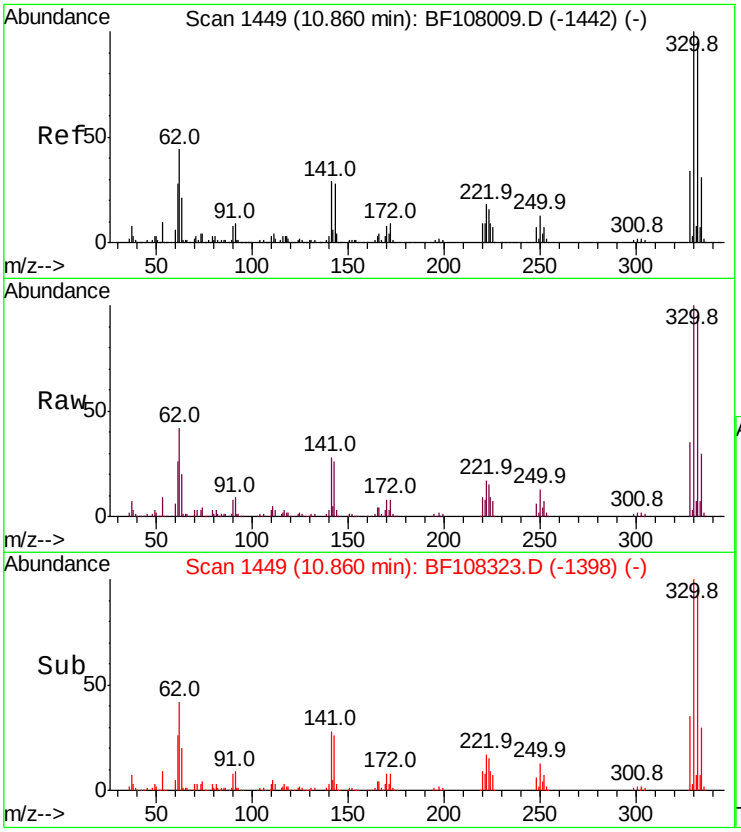


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF108323.D
Acq: 21 Aug 2018 7:15

Tgt Ion:164 Resp: 220696

Ion	Ratio	Lower	Upper
164	100		
162	100.6	86.1	129.1
160	46.3	38.3	57.5



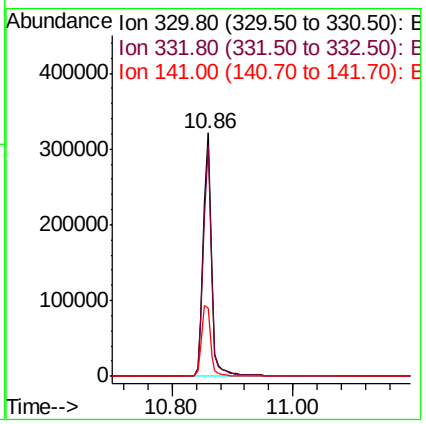


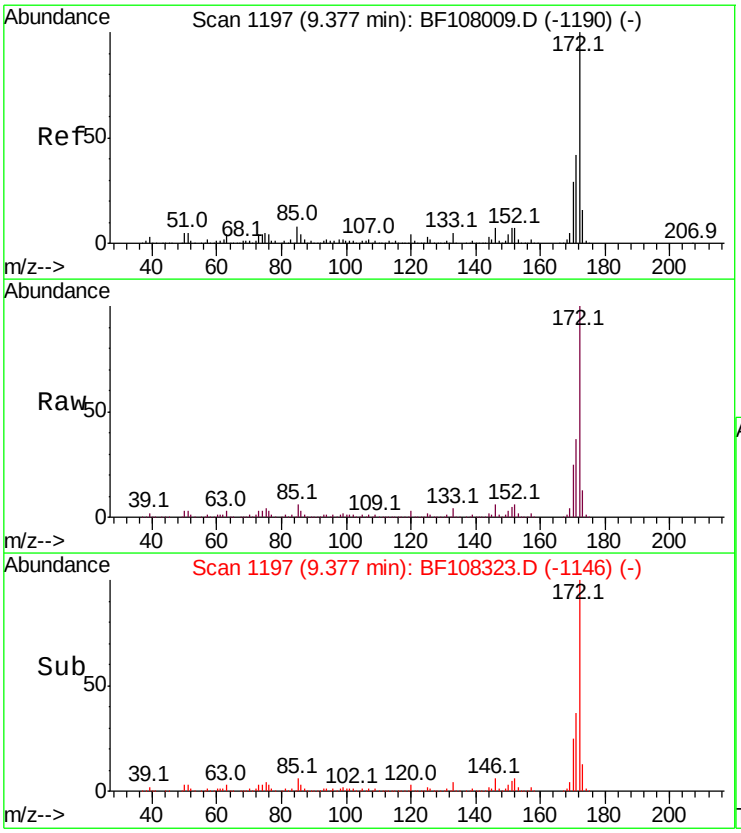
#41
2,4,6-Tribromophenol
Concen: 138.723 ng
RT: 10.86 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BF108323.D
Acq: 21 Aug 2018 7:15

Instrument :
BNA_F
ClientSampleId :
CHRT26100

Tgt Ion:330 Resp: 305382

Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.0	115.6
141	32.1	29.9	44.9

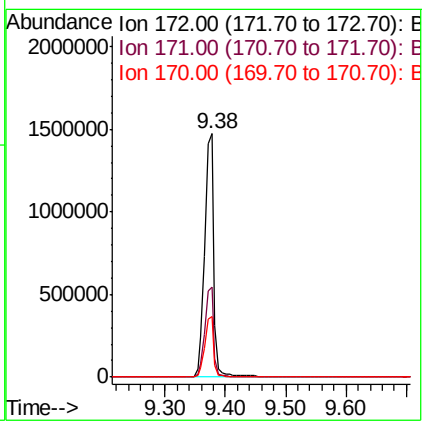


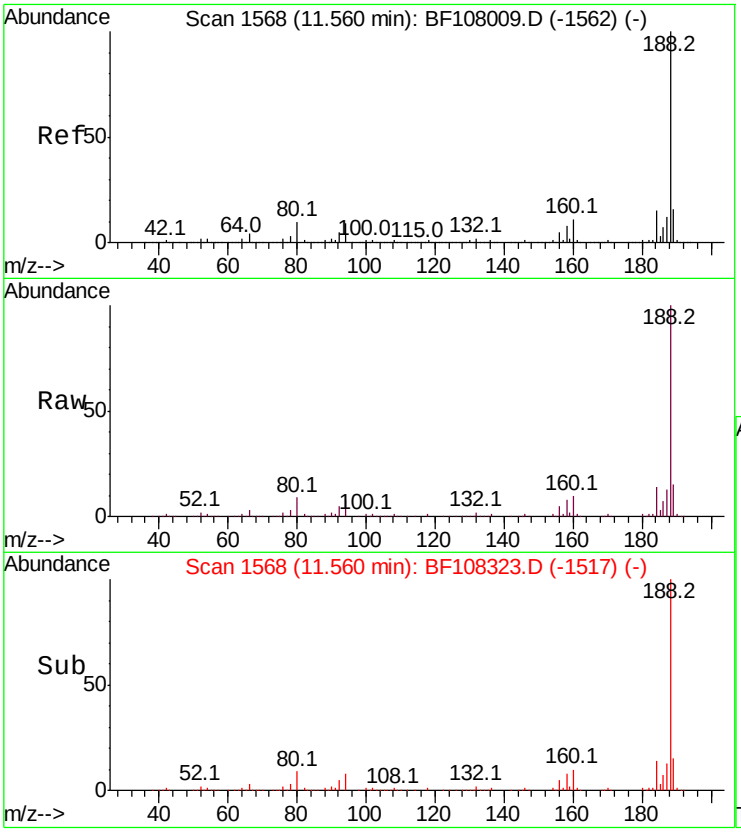


#44
2-Fluorobiphenyl
Concen: 113.839 ng
RT: 9.38 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BF108323.D
Acq: 21 Aug 2018 7:15

Tgt Ion:172 Resp: 1564883

Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.7	44.5
170	24.8	19.6	29.4



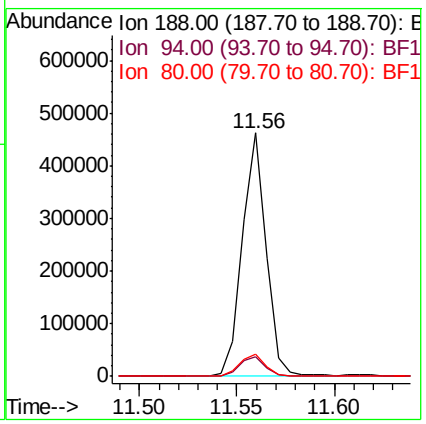


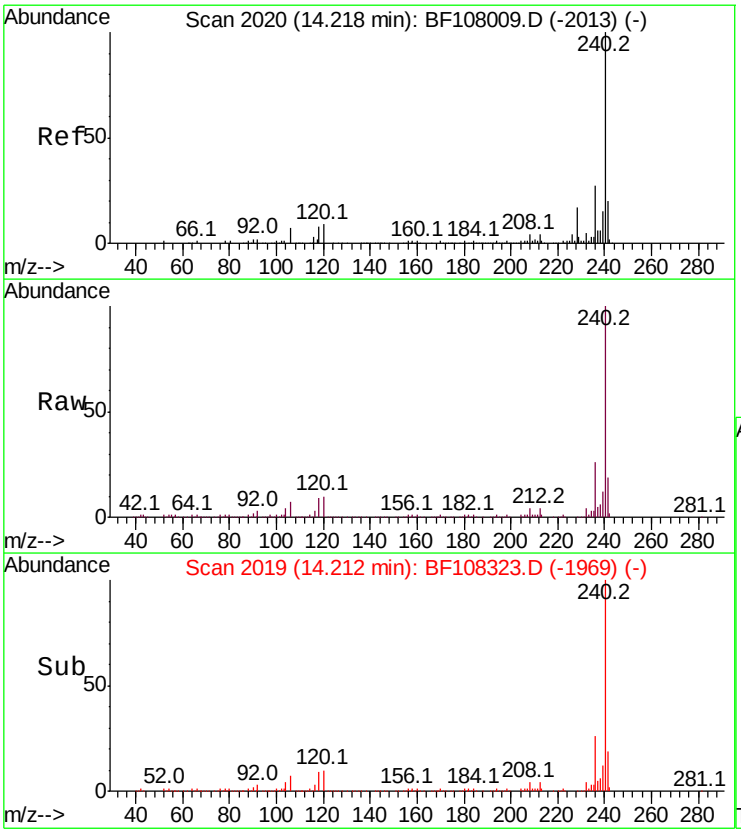
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.56 min Scan# 1568
Delta R.T. -0.00 min
Lab File: BF108323.D
Acq: 21 Aug 2018 7:15

Instrument :
BNA_F
ClientSampleId :
CHRT26100

Tgt Ion:188 Resp: 393505

Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.5	12.7#
80	9.3	9.2	13.8

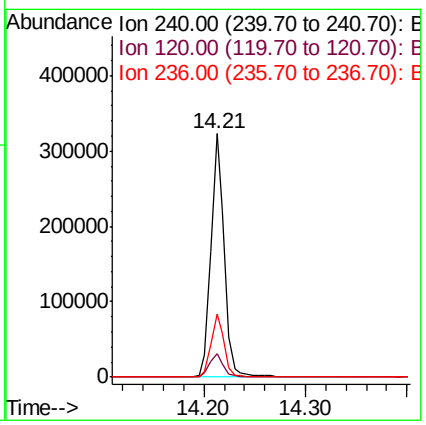


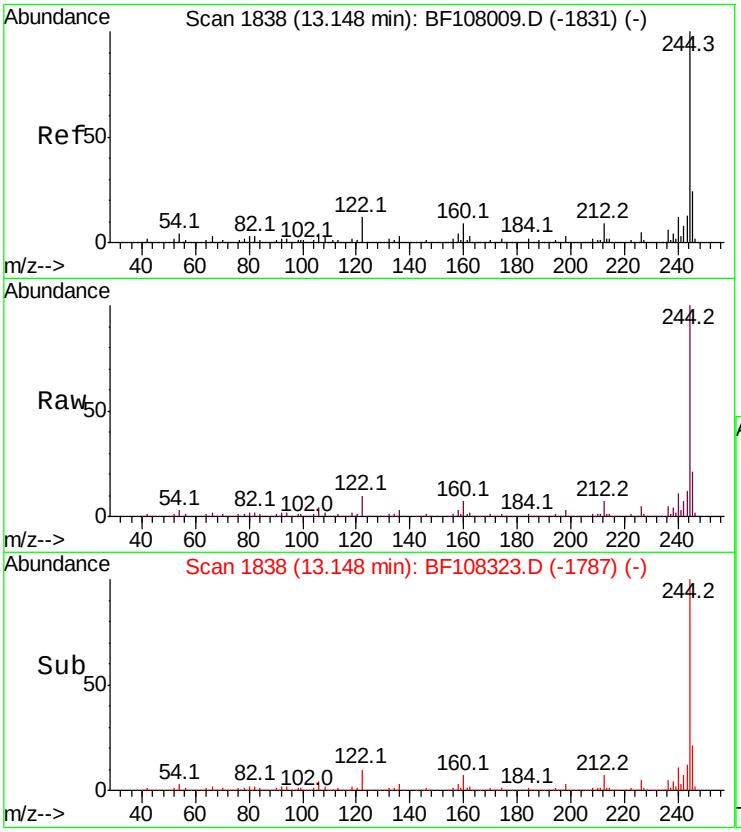


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.21 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF108323.D
Acq: 21 Aug 2018 7:15

Tgt Ion:240 Resp: 292326

Ion	Ratio	Lower	Upper
240	100		
120	9.8	9.5	14.3
236	26.2	20.7	31.1



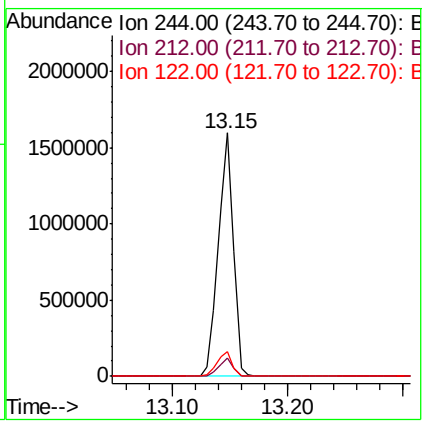


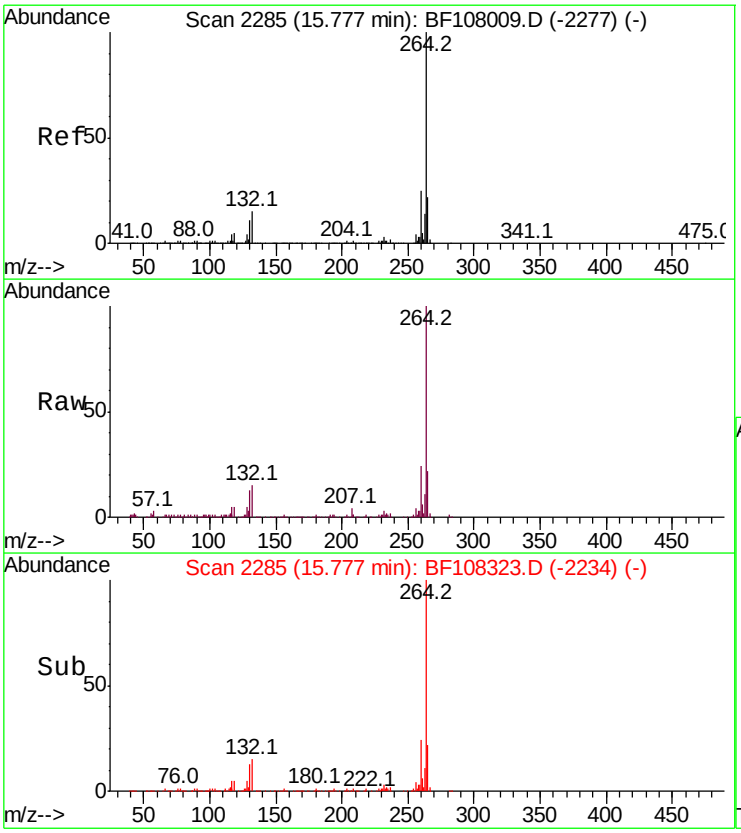
#78
Terphenyl-d14
Concen: 126.417 ng
RT: 13.15 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BF108323.D
Acq: 21 Aug 2018 7:15

Instrument :
BNA_F
ClientSampleId :
CHRT26100

Tgt Ion:244 Resp: 1453456

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.4	8.0
122	10.4	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.78 min Scan# 2285
Delta R.T. -0.00 min
Lab File: BF108323.D
Acq: 21 Aug 2018 7:15

Tgt Ion:264 Resp: 220905

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.7	17.5	26.3