Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092018\
Data File : BF109195.D
Acq On : 20 Sep 2018 21:19
Operator : JU/SJ
Sample : J4998-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : YG3-SLOAN-PARK-BRIDGE

Quant Time: Sep 21 07:53:35 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 14 13:26:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	91245	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	373684	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	180845	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	298556	20.00	ng	0.00
75) Chrysene-d12	13.85	240	198970	20.00	ng	-0.01
86) Perylene-d12	15.25	264	228581	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	525071	95.58	ng	0.01
7) Phenol-d6	6.36	99	718259	101.39	ng	0.00
23) Nitrobenzene-d5	7.28	82	534098	80.17	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	160947	82.00	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	919417	79.65	ng	0.00
78) Terphenyl-d14	12.81	244	744809	88.73	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.47	163	104218	8.063	ng	99

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

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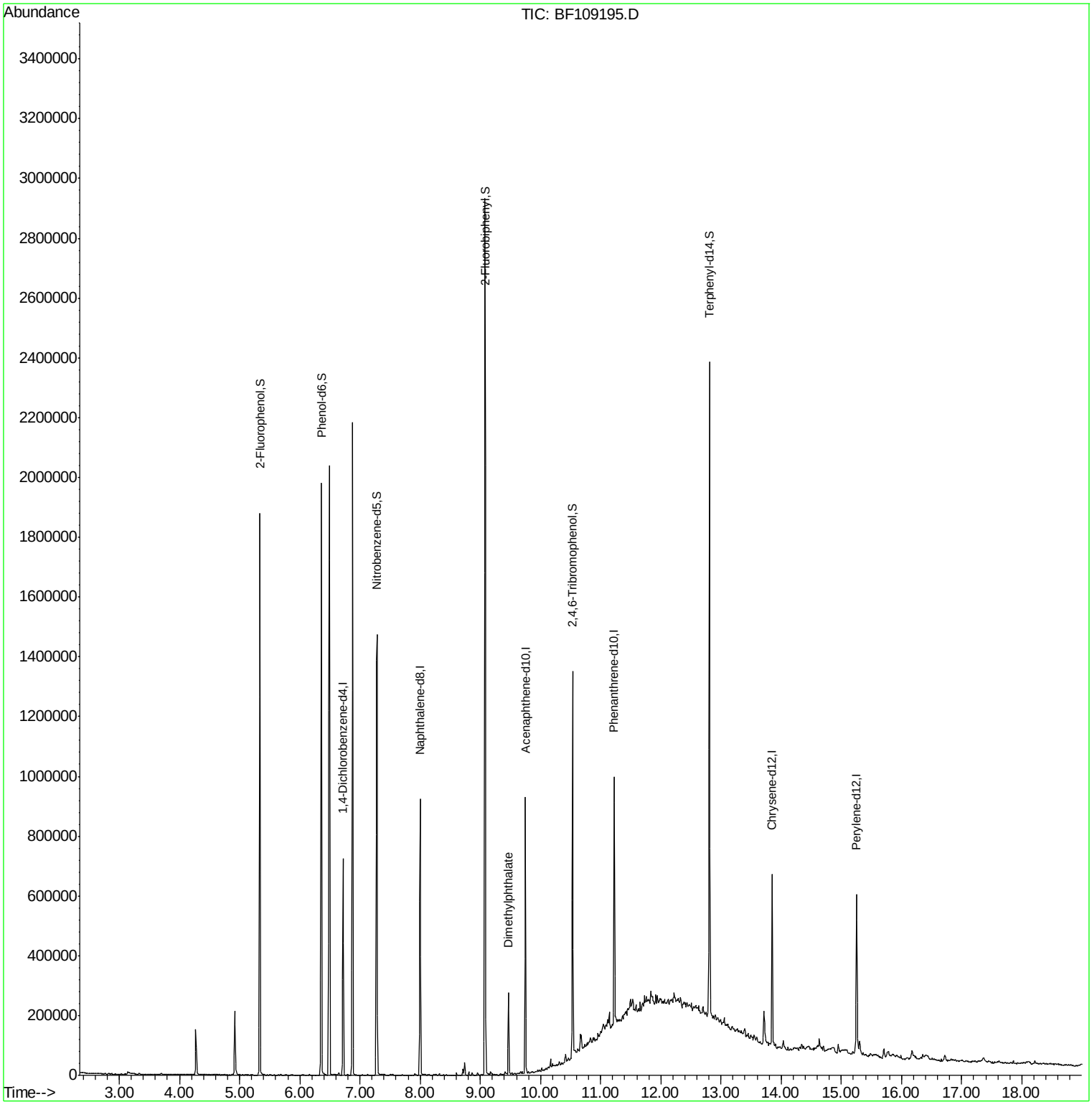
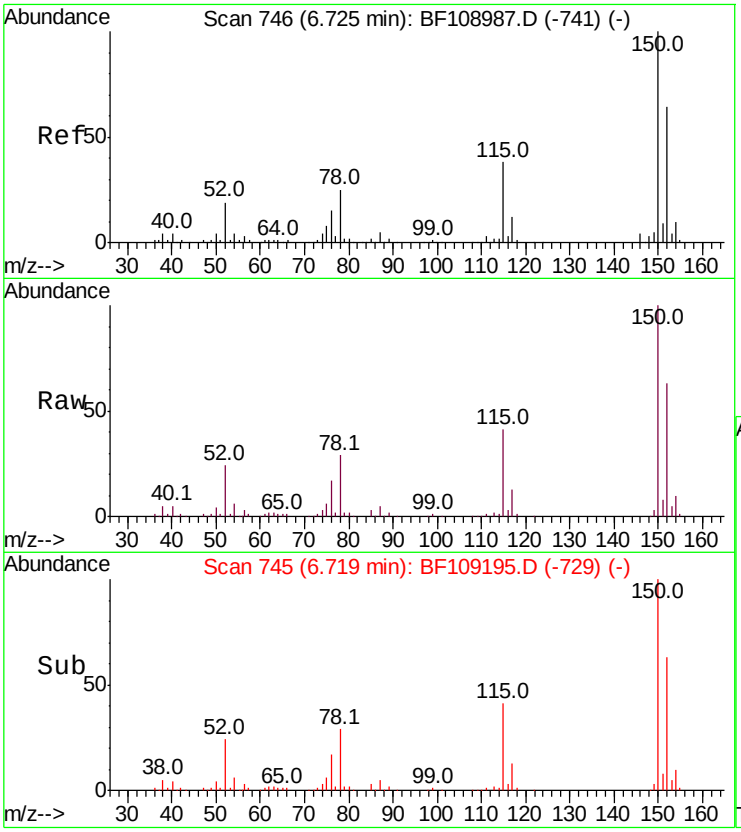


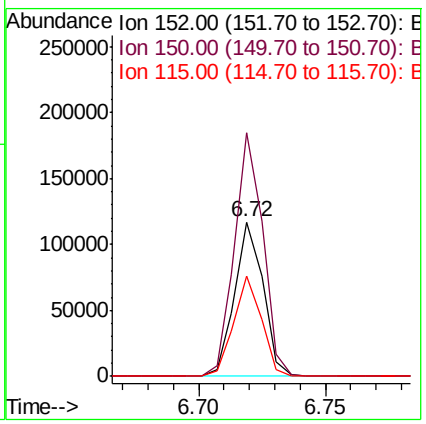


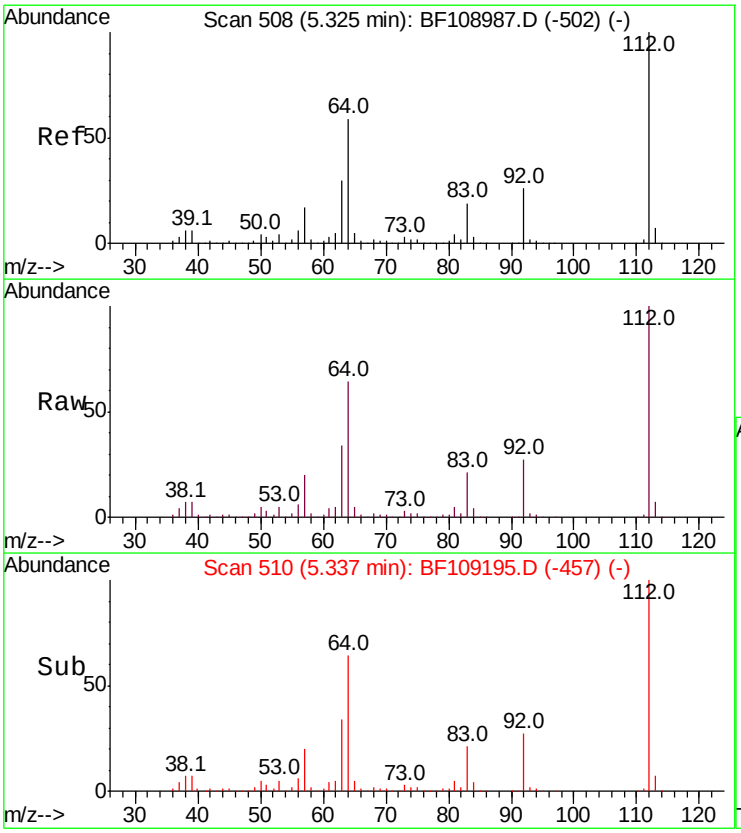
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109195.D
Acq: 20 Sep 2018 21:19

Instrument :
BNA_F
ClientSampleId :
YG3-SLOAN-PARK-BRIDGE

Tgt Ion:152 Resp: 91245

Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.6	186.8
115	64.8	50.1	75.1

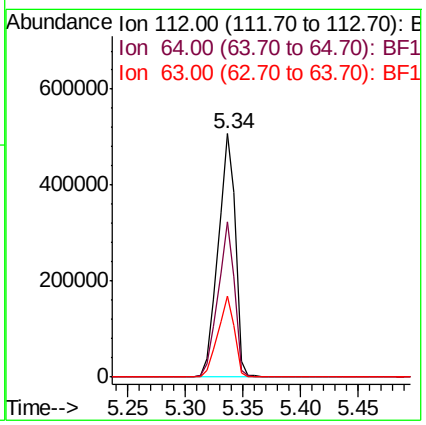


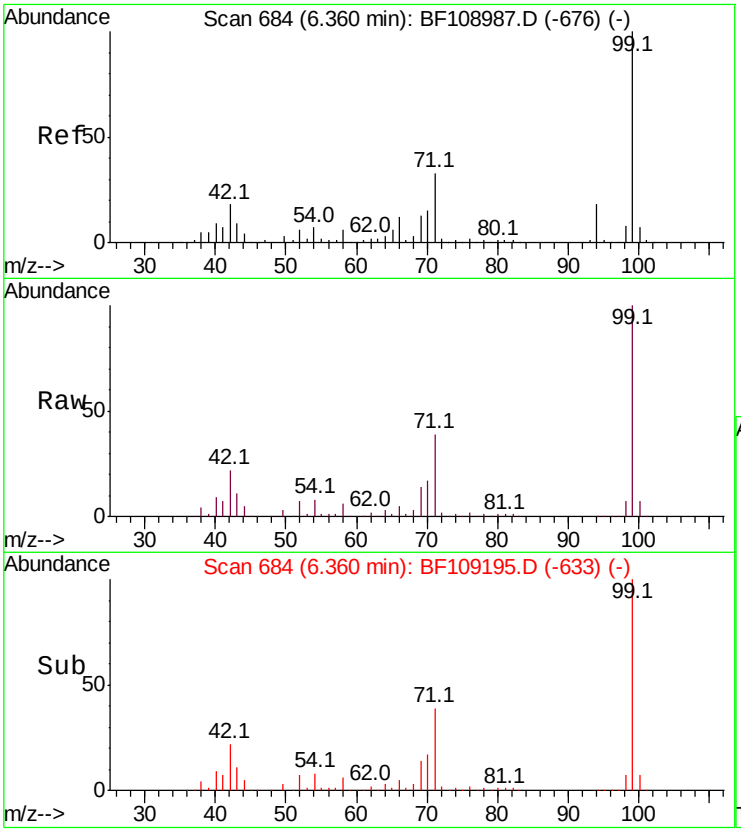


#5
2-Fluorophenol
Concen: 95.576 ng
RT: 5.34 min Scan# 510
Delta R.T. 0.01 min
Lab File: BF109195.D
Acq: 20 Sep 2018 21:19

Tgt Ion:112 Resp: 525071

Ion	Ratio	Lower	Upper
112	100		
64	63.7	47.9	71.9
63	33.5	23.7	35.5



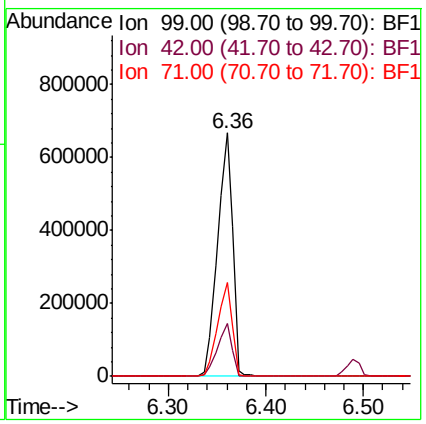


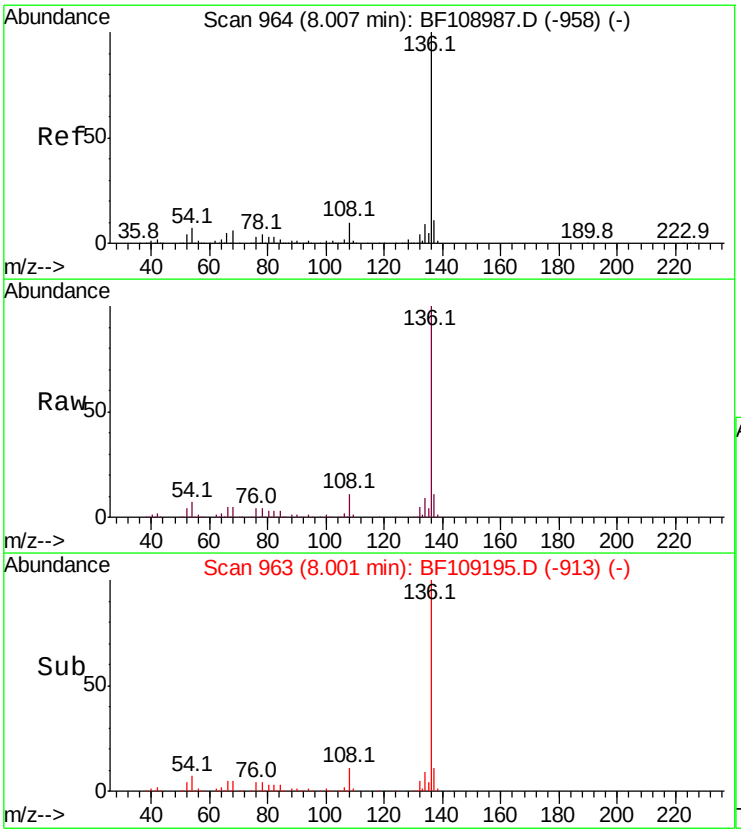
#7
Phenol-d6
Concen: 101.393 ng
RT: 6.36 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF109195.D
Acq: 20 Sep 2018 21:19

Instrument :
BNA_F
ClientSampleId :
YG3-SLOAN-PARK-BRIDGE

Tgt Ion: 99 Resp: 718259

Ion	Ratio	Lower	Upper
99	100		
42	21.6	14.5	21.7
71	38.6	25.4	38.0#

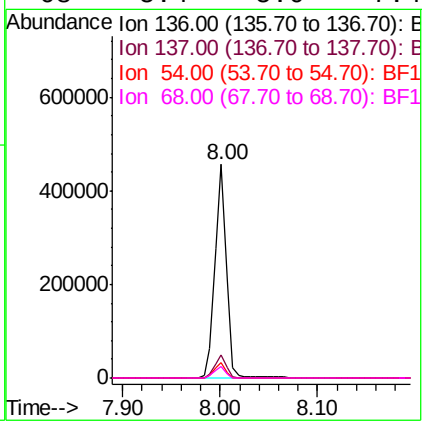


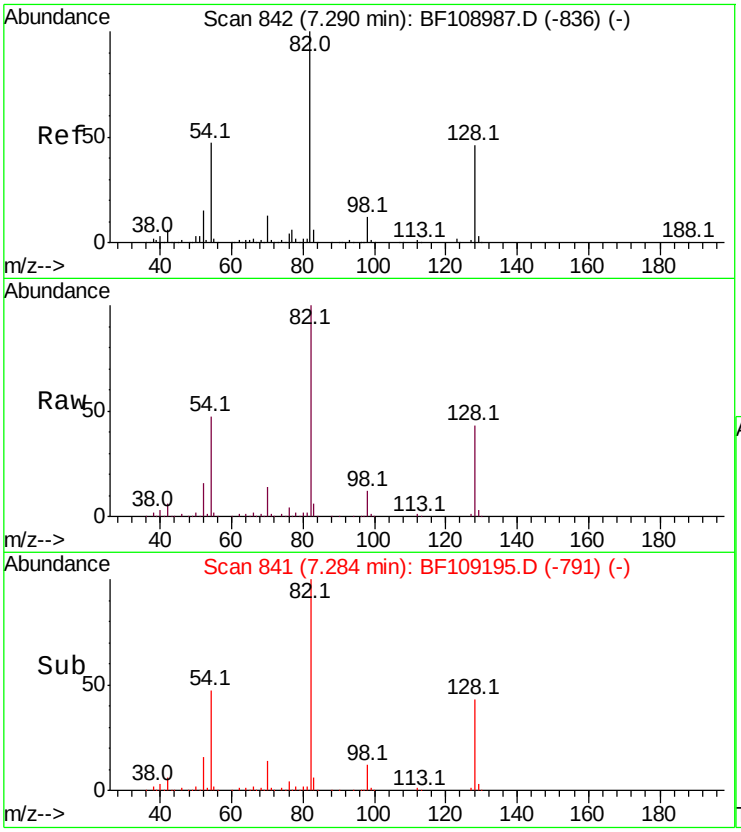


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109195.D
Acq: 20 Sep 2018 21:19

Tgt Ion:136 Resp: 373684

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.3	6.6	9.8
68	5.4	5.0	7.4



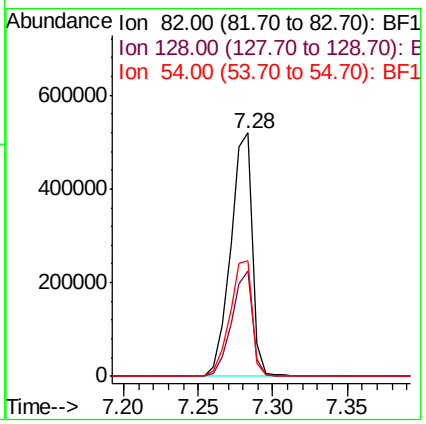


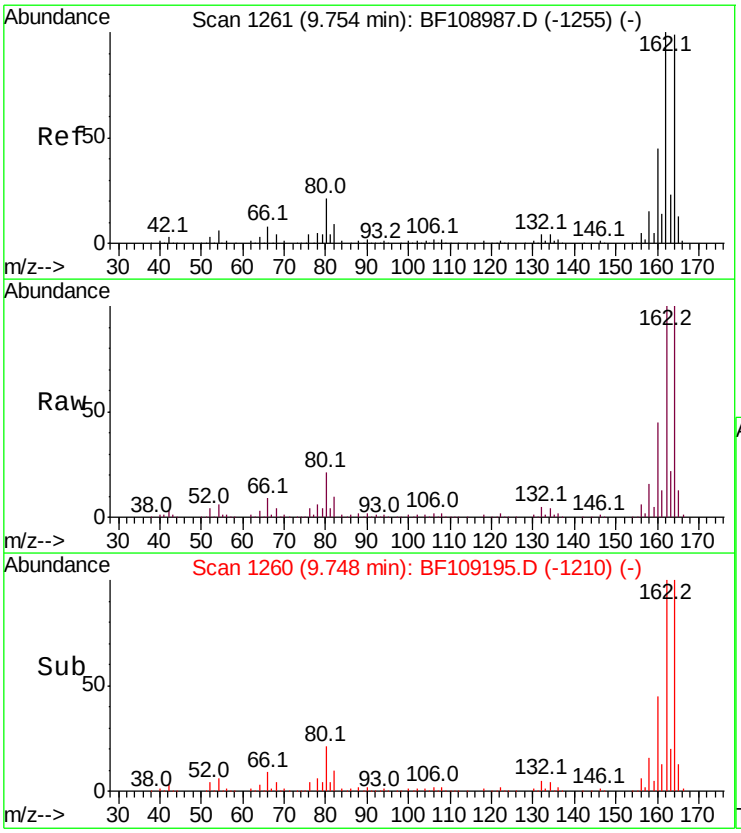
#23
Nitrobenzene-d5
Concen: 80.166 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF109195.D
Acq: 20 Sep 2018 21:19

Instrument :
BNA_F
ClientSampleId :
YG3-SLOAN-PARK-BRIDGE

Tgt Ion: 82 Resp: 534098

Ion	Ratio	Lower	Upper
82	100		
128	43.4	36.1	54.1
54	47.3	41.4	62.2

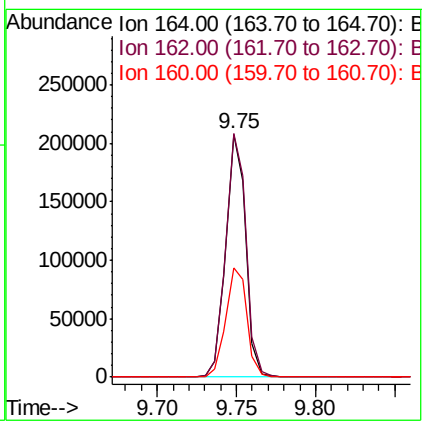


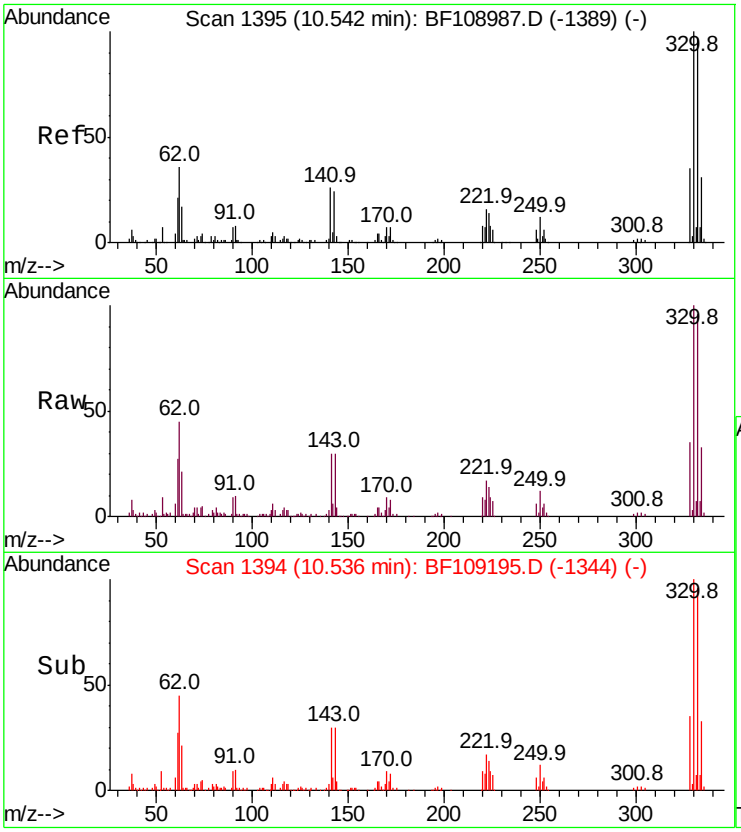


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF109195.D
Acq: 20 Sep 2018 21:19

Tgt Ion:164 Resp: 180845

Ion	Ratio	Lower	Upper
164	100		
162	100.2	86.1	129.1
160	45.2	38.3	57.5



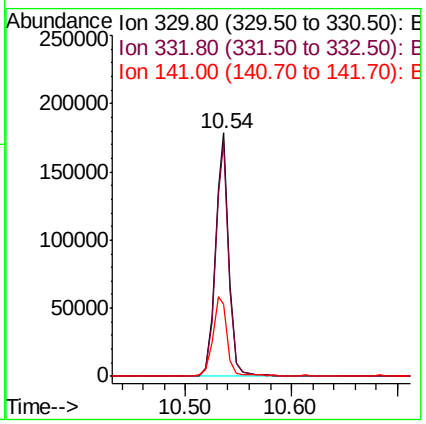


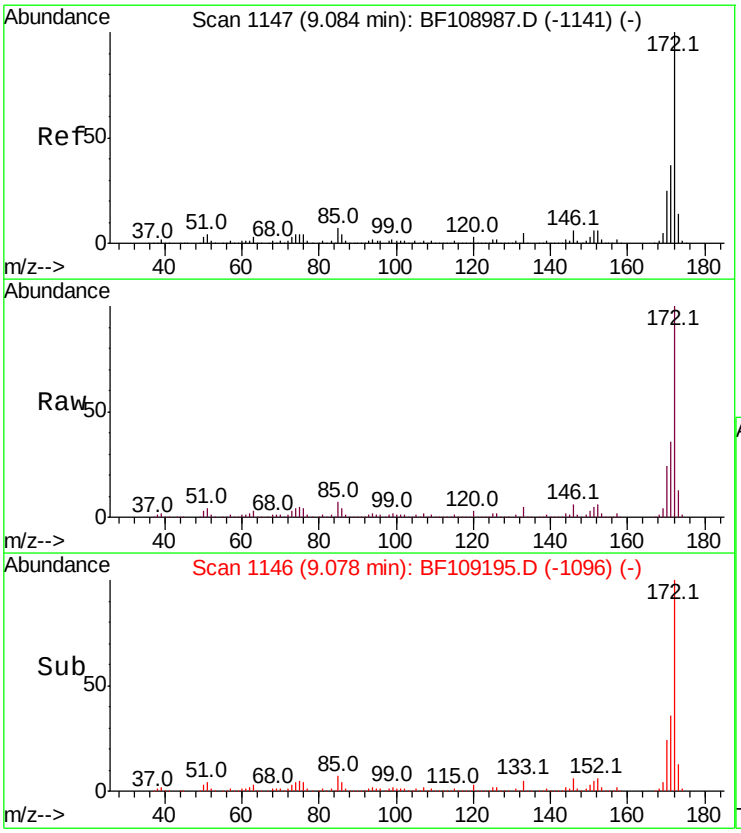
#41
2,4,6-Tribromophenol
Concen: 82.005 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF109195.D
Acq: 20 Sep 2018 21:19

Instrument :
BNA_F
ClientSampleId :
YG3-SLOAN-PARK-BRIDGE

Tgt Ion:330 Resp: 160947

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	35.2	29.9	44.9

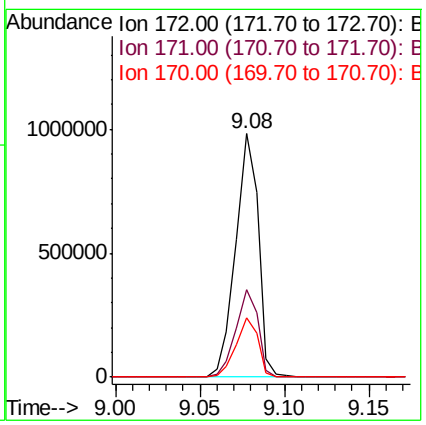


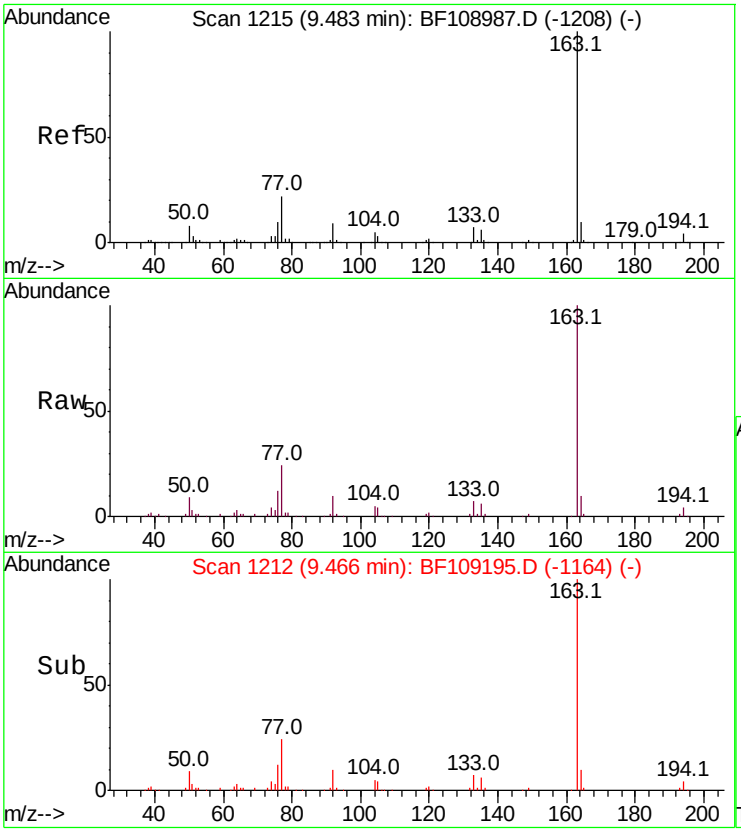


#44
2-Fluorobiphenyl
Concen: 79.653 ng
RT: 9.08 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF109195.D
Acq: 20 Sep 2018 21:19

Tgt Ion:172 Resp: 919417

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.1	19.6	29.4



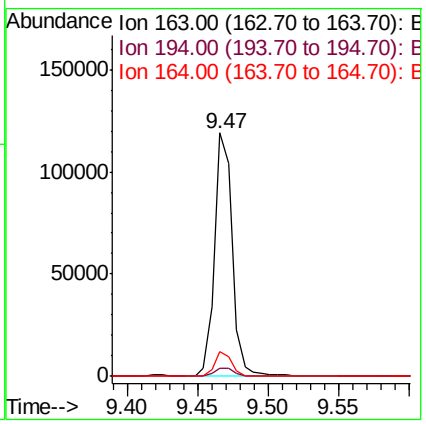


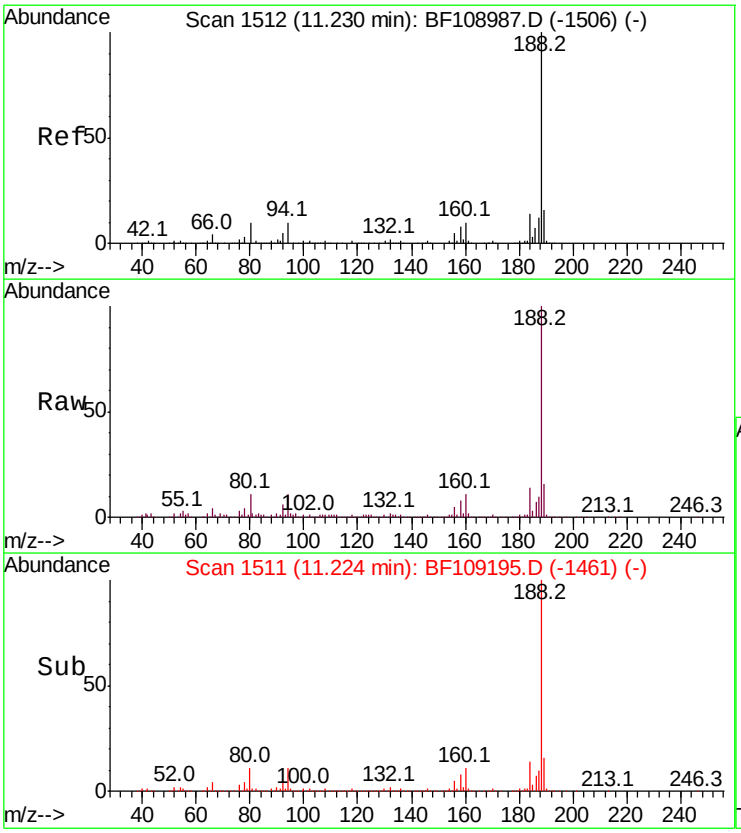
#49
Dimethylphthalate
Concen: 8.063 ng
RT: 9.47 min Scan# 1212
Delta R.T. -0.02 min
Lab File: BF109195.D
Acq: 20 Sep 2018 21:19

Instrument :
BNA_F
ClientSampleId :
YG3-SLOAN-PARK-BRIDGE

Tgt Ion:163 Resp: 104218

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	9.9	8.2	12.2

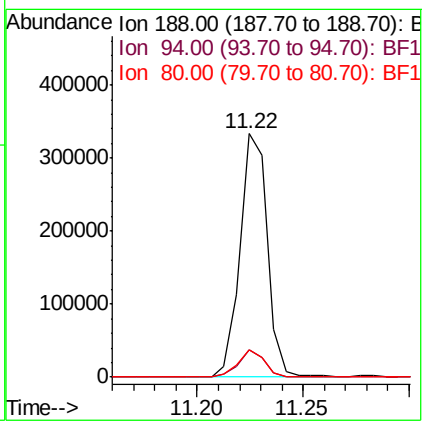


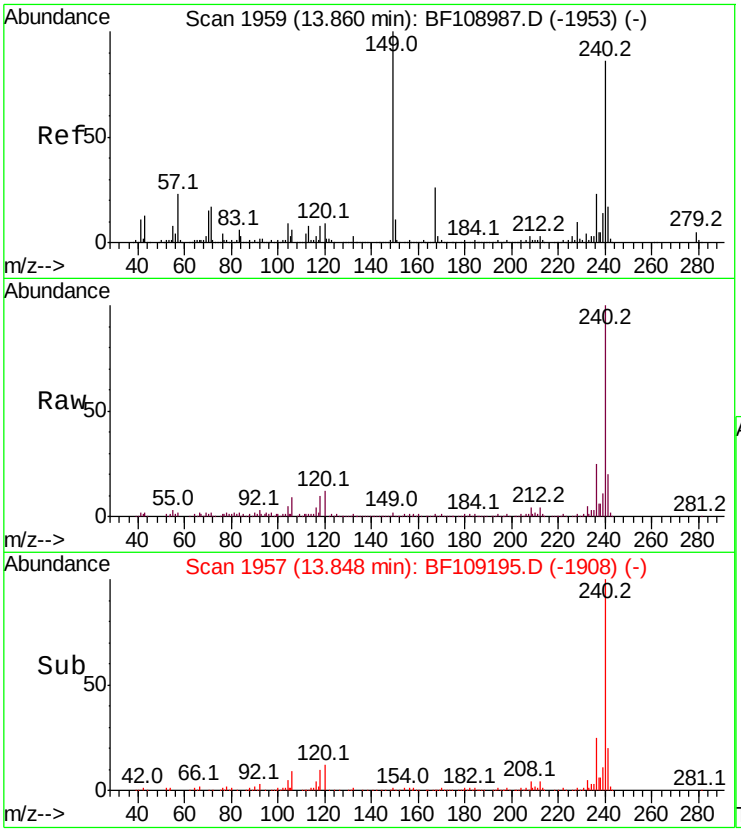


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF109195.D
Acq: 20 Sep 2018 21:19

Tgt Ion:188 Resp: 298556

Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.5	12.7
80	11.3	9.2	13.8



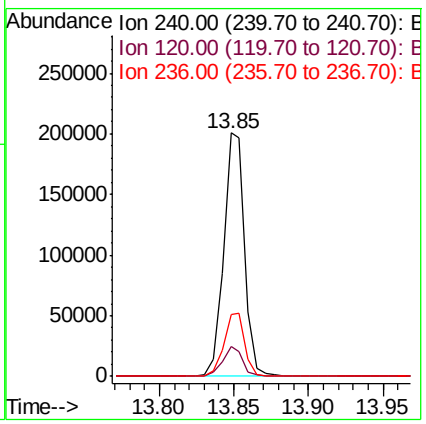


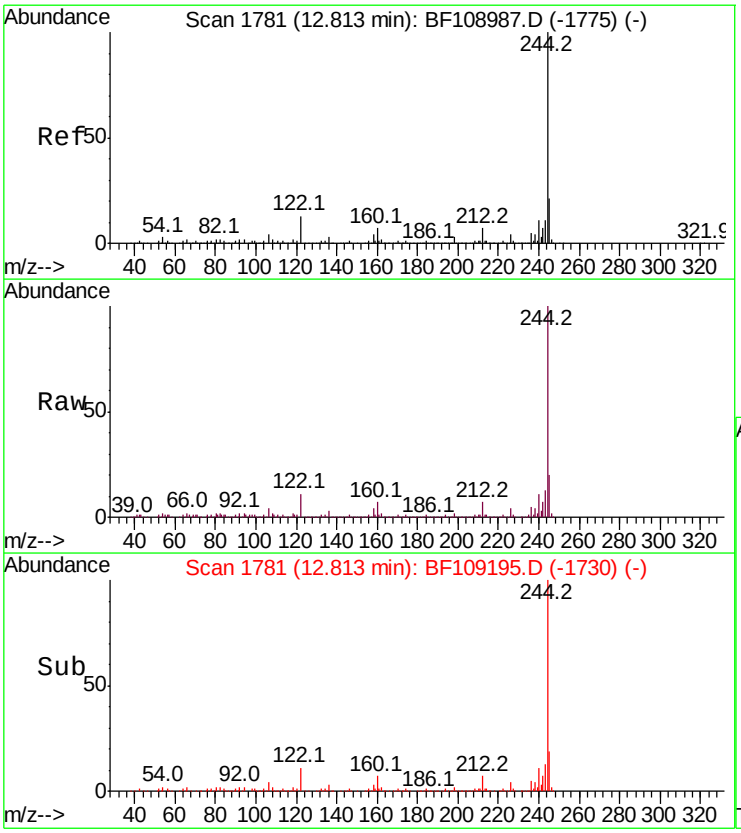
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BF109195.D
Acq: 20 Sep 2018 21:19

Instrument :
BNA_F
ClientSampleId :
YG3-SLOAN-PARK-BRIDGE

Tgt Ion:240 Resp: 198970

Ion	Ratio	Lower	Upper
240	100		
120	12.4	9.5	14.3
236	25.4	20.7	31.1

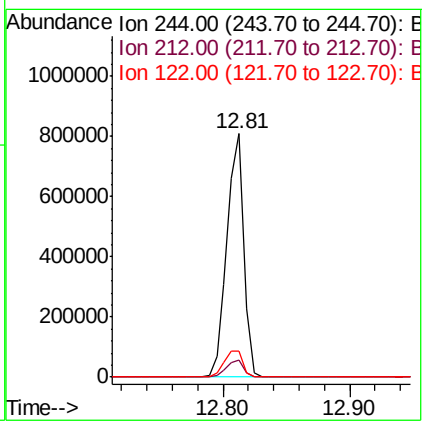


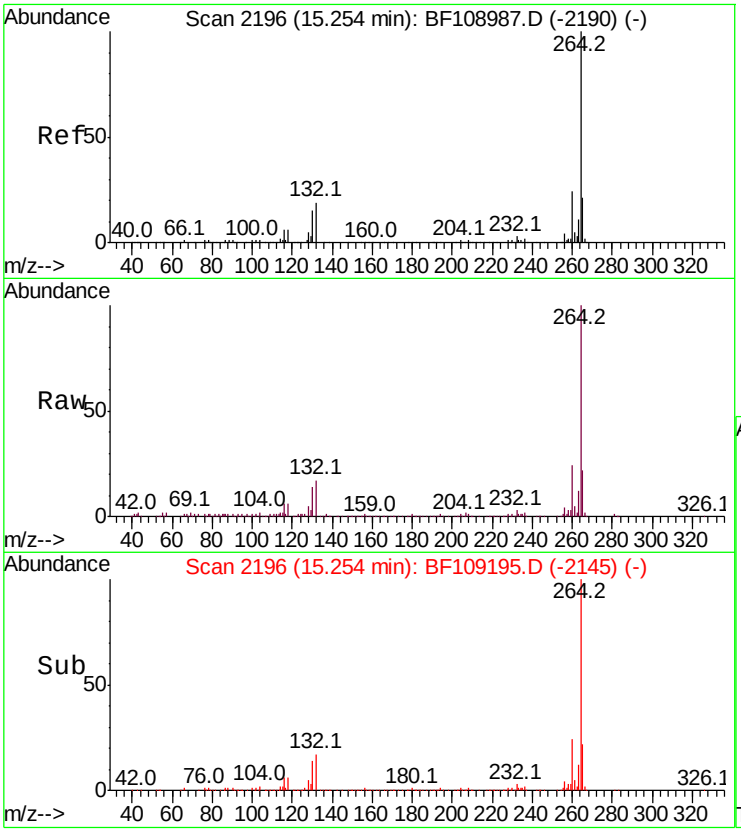


#78
Terphenyl-d14
Concen: 88.727 ng
RT: 12.81 min Scan# 1781
Delta R.T. -0.00 min
Lab File: BF109195.D
Acq: 20 Sep 2018 21:19

Tgt Ion:244 Resp: 744809

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	10.8	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BF109195.D
Acq: 20 Sep 2018 21:19

Instrument :
BNA_F
ClientSampleId :
YG3-SLOAN-PARK-BRIDGE

Tgt Ion:264 Resp: 228581

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.2	17.5	26.3