Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091719\
Data File : BF117108.D
Acq On : 17 Sep 2019 15:57
Operator : HP/JU
Sample : K4883-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW2-R2-2

Quant Time: Sep 26 07:59:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 16:23:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	56893	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	219419	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	110643	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	180478	20.00	ng	0.00
76) Chrysene-d12	13.97	240	116588	20.00	ng	0.00
87) Perylene-d12	15.42	264	107681	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	195327	53.60	ng	0.00
7) Phenol-d6	6.46	99	158732	33.70	ng	0.00
23) Nitrobenzene-d5	7.39	82	414994	99.38	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	141531	153.05	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	749050	105.85	ng	0.00
79) Terphenyl-d14	12.92	244	680728	109.14	ng	0.00
Target Compounds						Qvalue

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

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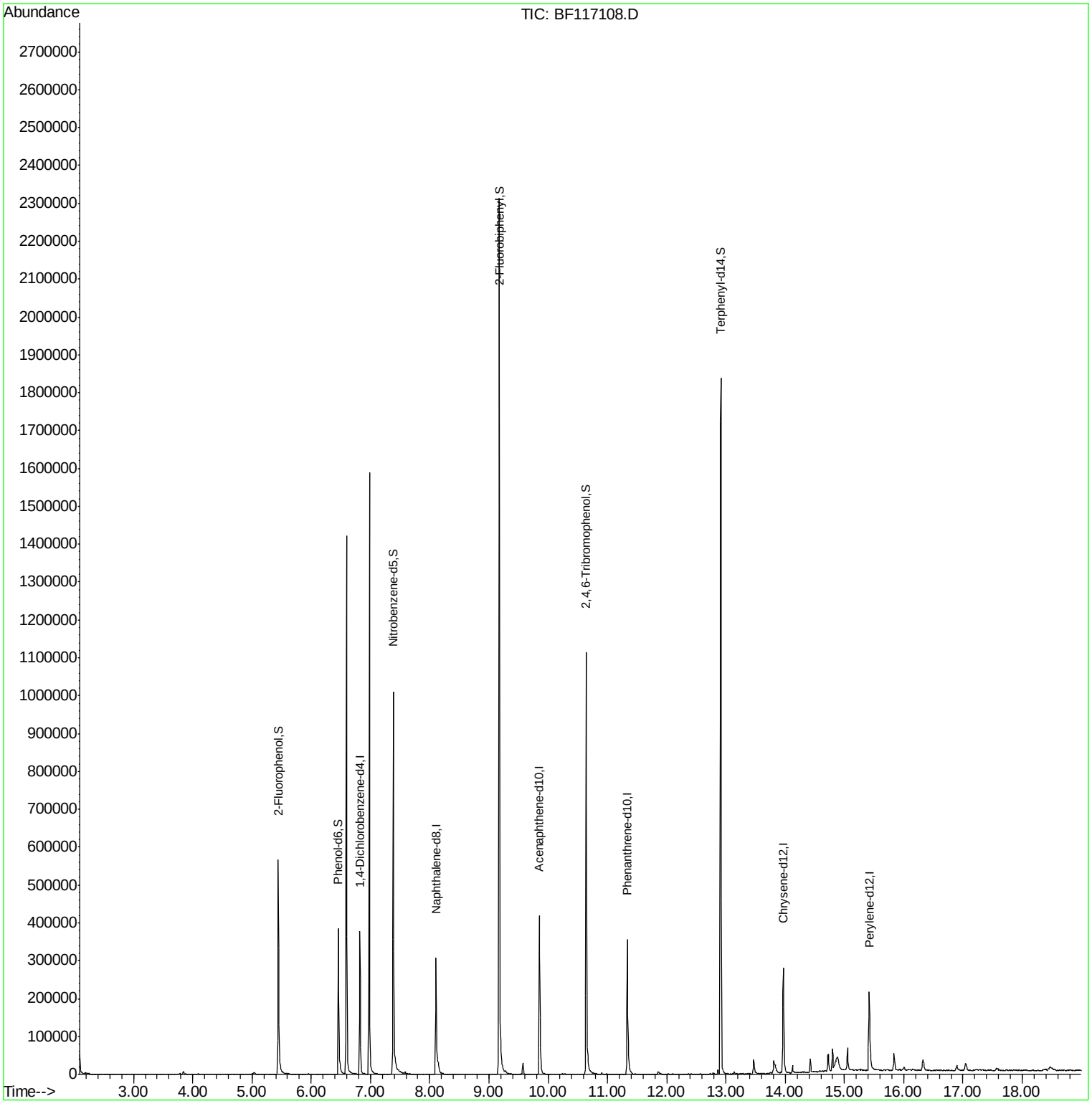
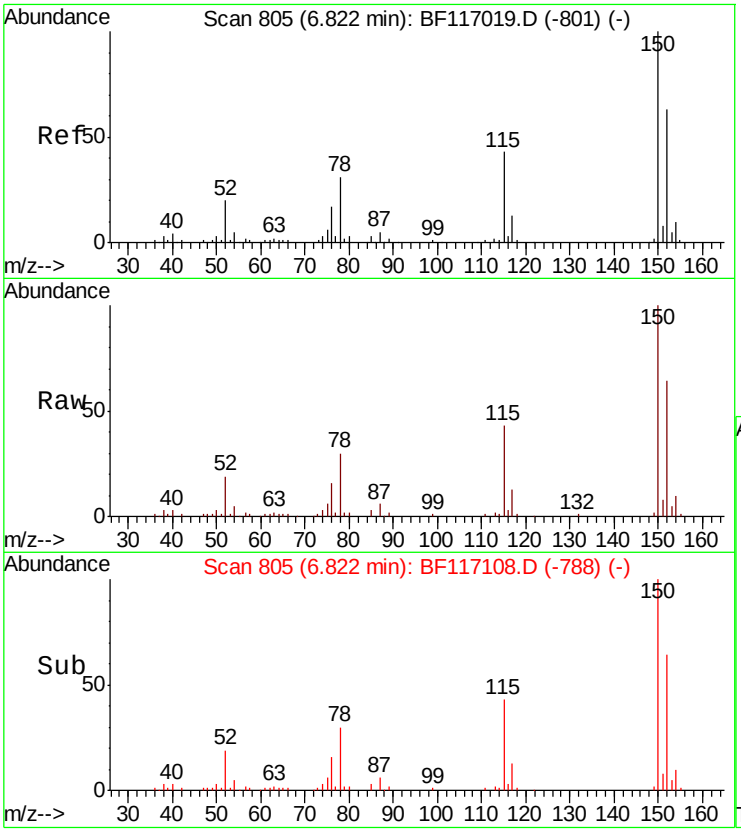


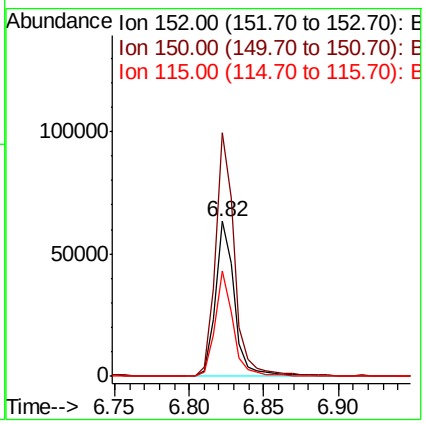


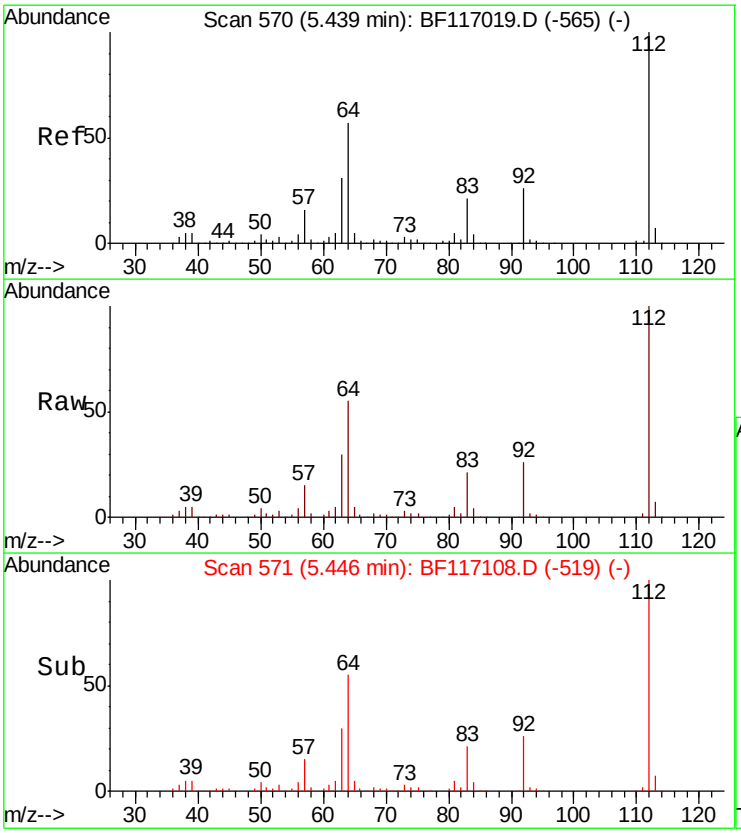
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117108.D
Acq: 17 Sep 2019 15:57

Instrument :
BNA_F
ClientSampleId :
MW2-R2-2

Tgt Ion:152 Resp: 56893

Ion	Ratio	Lower	Upper
152	100		
150	157.0	127.5	191.3
115	68.0	55.0	82.4

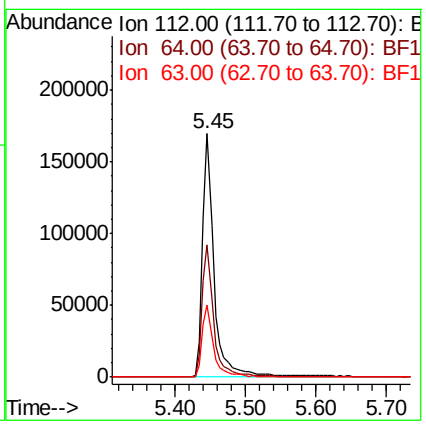


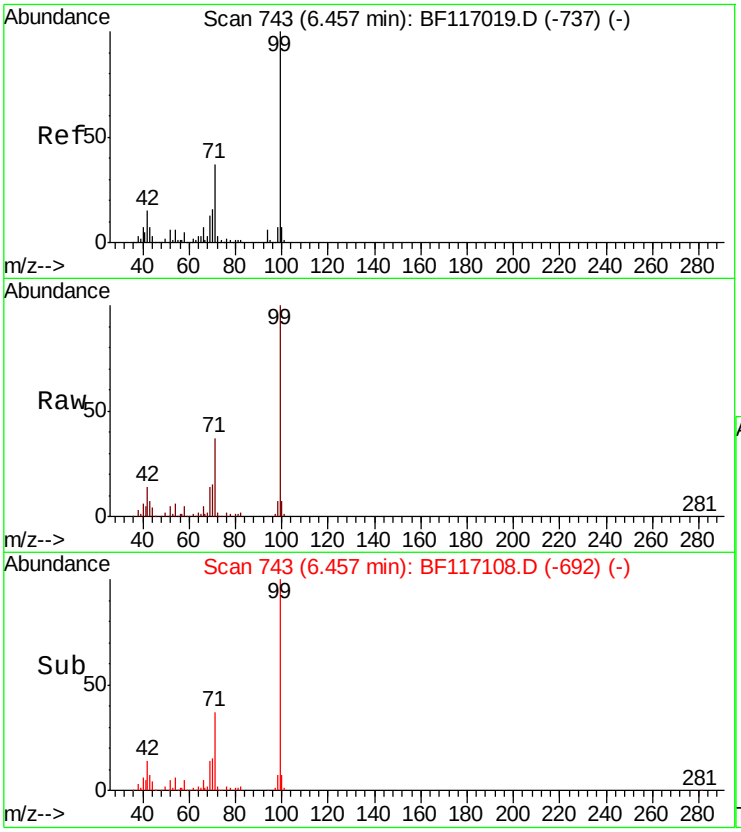


#5
2-Fluorophenol
Concen: 53.601 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF117108.D
Acq: 17 Sep 2019 15:57

Tgt Ion:112 Resp: 195327

Ion	Ratio	Lower	Upper
112	100		
64	54.6	45.7	68.5
63	29.6	24.9	37.3



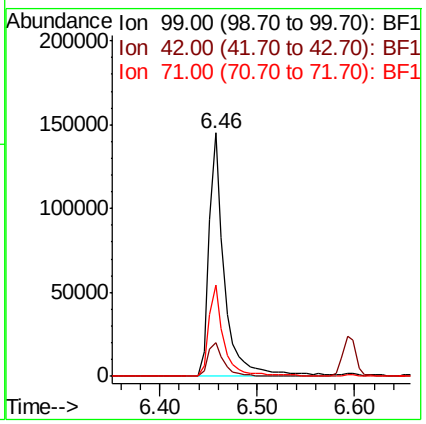


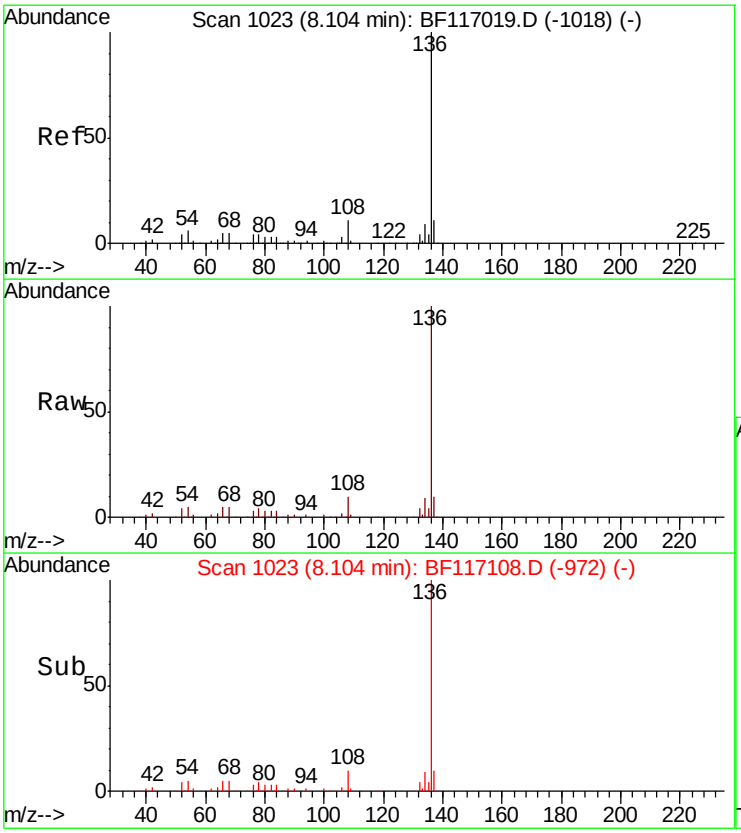
#7
Phenol-d6
Concen: 33.705 ng
RT: 6.46 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF117108.D
Acq: 17 Sep 2019 15:57

Instrument :
BNA_F
ClientSampleId :
MW2-R2-2

Tgt Ion: 99 Resp: 158732

Ion	Ratio	Lower	Upper
99	100		
42	14.0	12.2	18.2
71	37.4	29.8	44.8

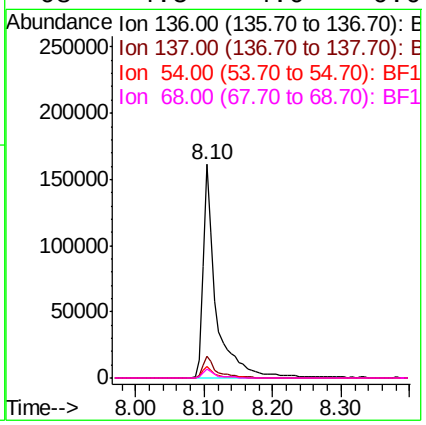


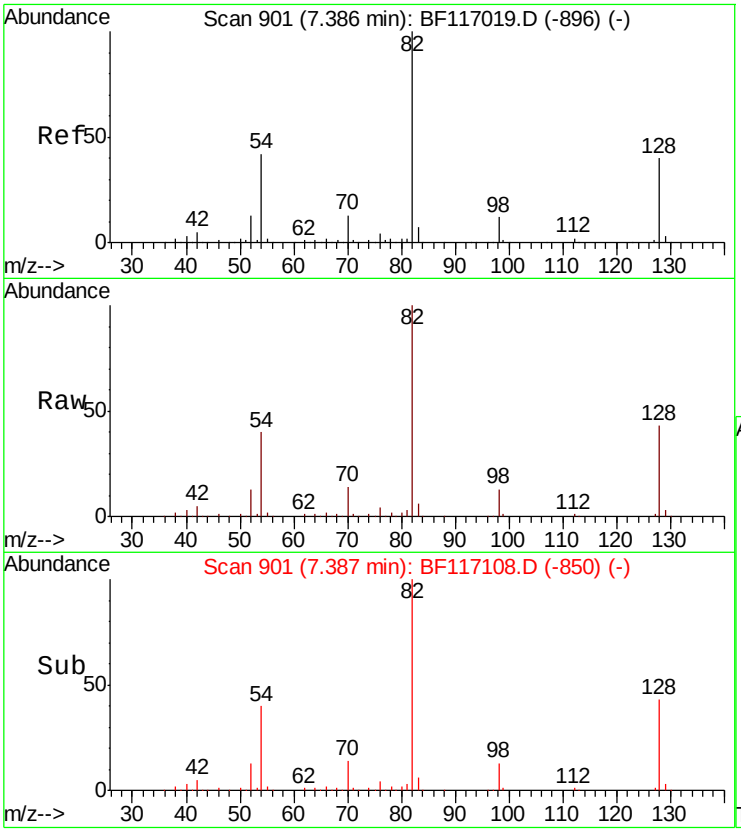


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF117108.D
Acq: 17 Sep 2019 15:57

Tgt Ion:136 Resp: 219419

Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.0	13.4
54	5.2	4.5	6.7
68	4.5	4.0	6.0



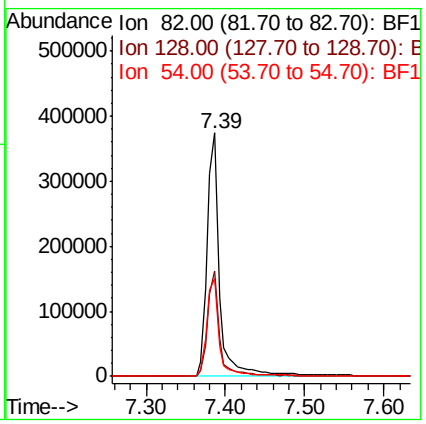


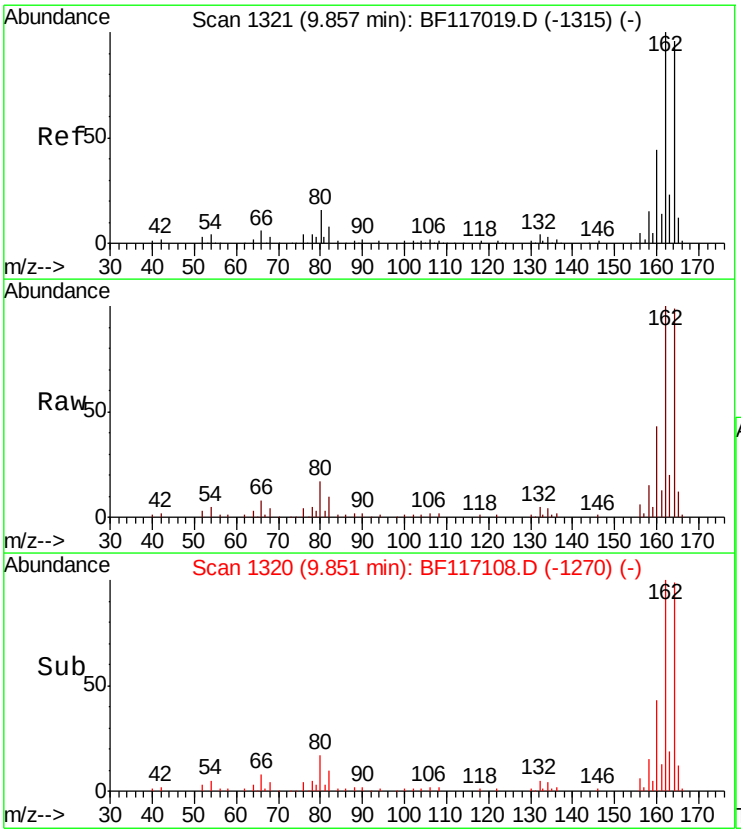
#23
Nitrobenzene-d5
Concen: 99.375 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF117108.D
Acq: 17 Sep 2019 15:57

Instrument :
BNA_F
ClientSampleId :
MW2-R2-2

Tgt Ion: 82 Resp: 414994

Ion	Ratio	Lower	Upper
82	100		
128	43.3	32.3	48.5
54	40.3	33.3	49.9

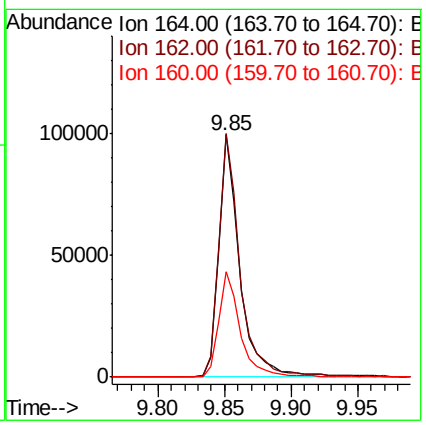


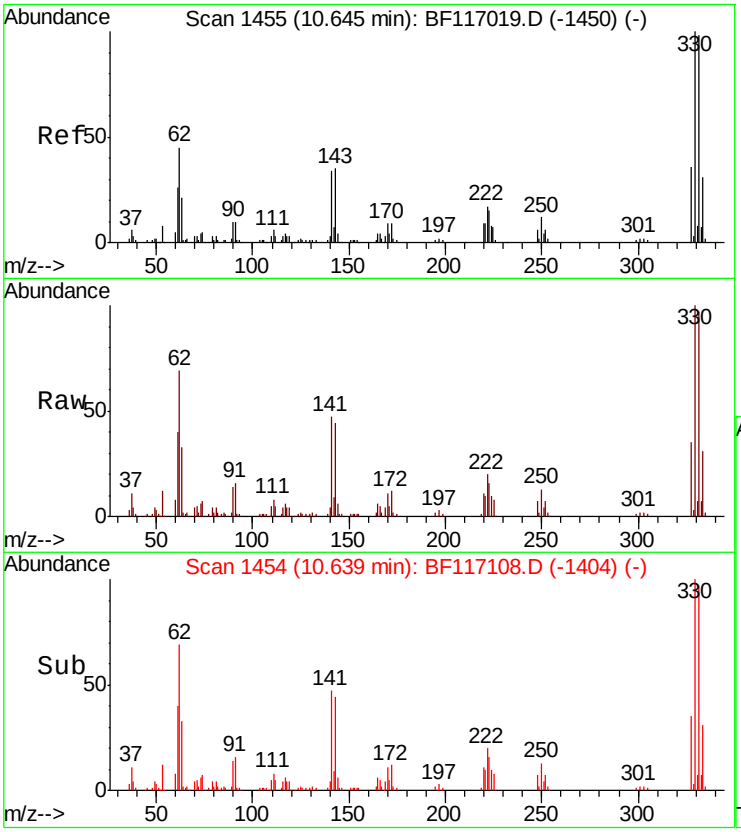


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF117108.D
Acq: 17 Sep 2019 15:57

Tgt Ion:164 Resp: 110643

Ion	Ratio	Lower	Upper
164	100		
162	100.5	83.4	125.2
160	43.6	36.4	54.6



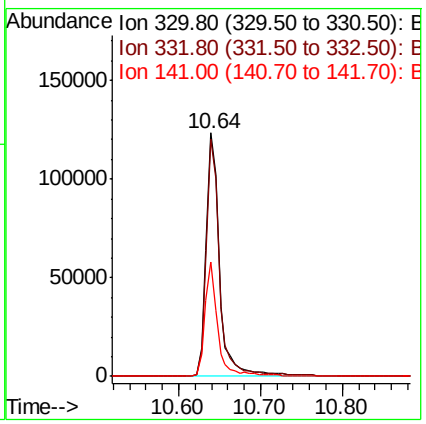


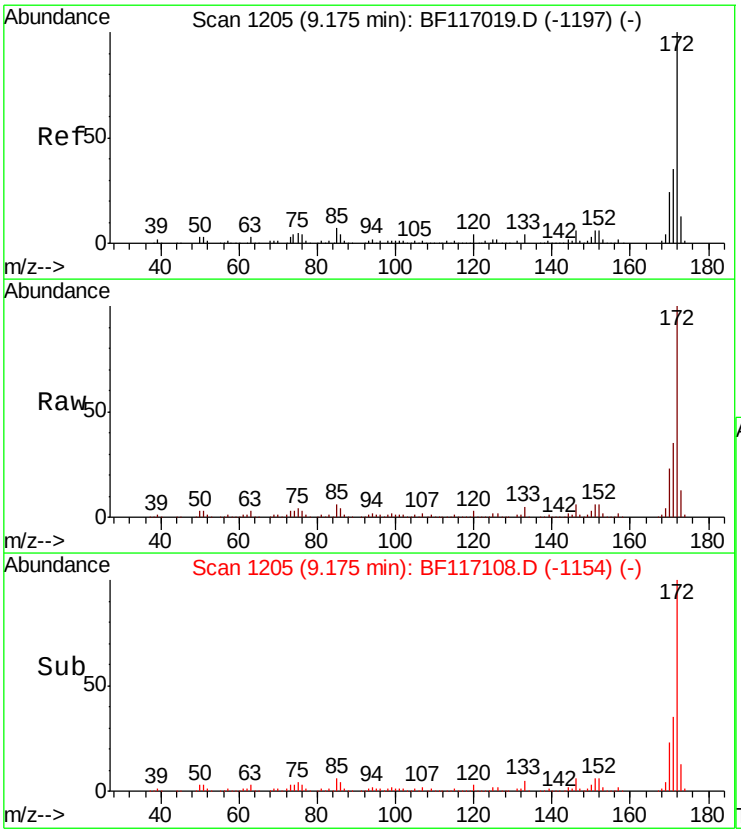
#42
2,4,6-Tribromophenol
Concen: 153.052 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF117108.D
Acq: 17 Sep 2019 15:57

Instrument :
BNA_F
ClientSampleId :
MW2-R2-2

Tgt Ion:330 Resp: 141531

Ion	Ratio	Lower	Upper
330	100		
332	96.1	78.0	117.0
141	44.1	35.8	53.6

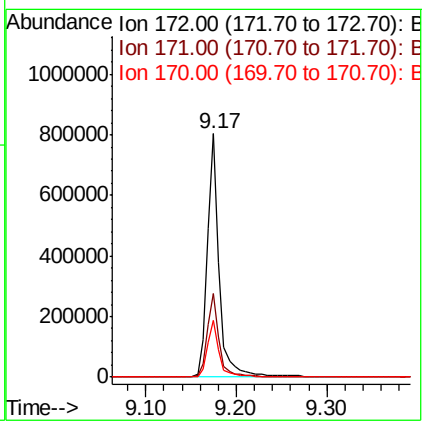


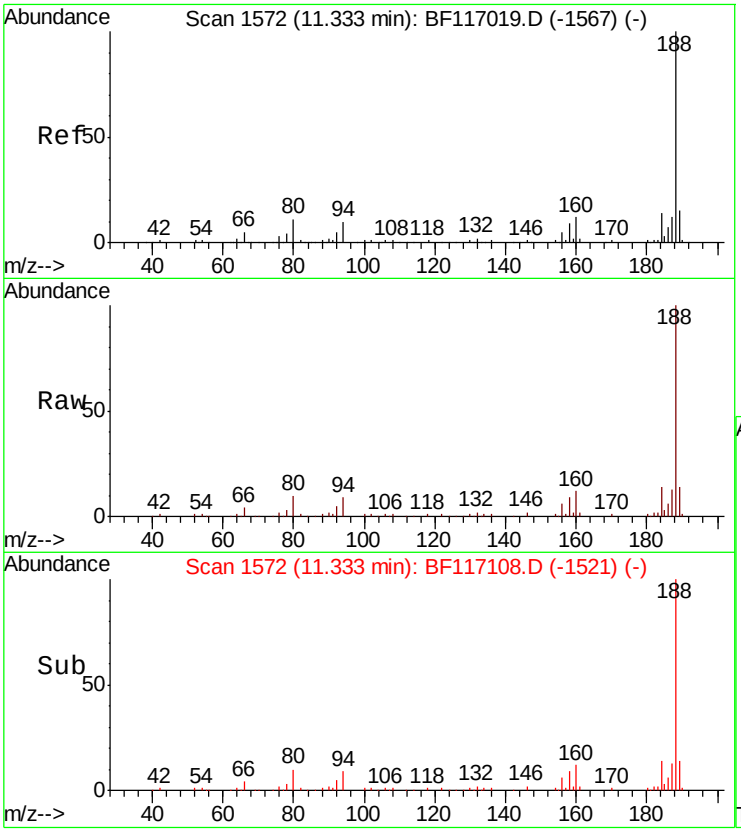


#45
2-Fluorobiphenyl
Concen: 105.854 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF117108.D
Acq: 17 Sep 2019 15:57

Tgt Ion:172 Resp: 749050

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.2	42.2
170	23.0	18.9	28.3



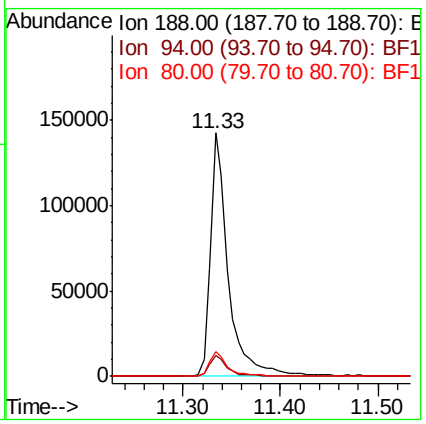


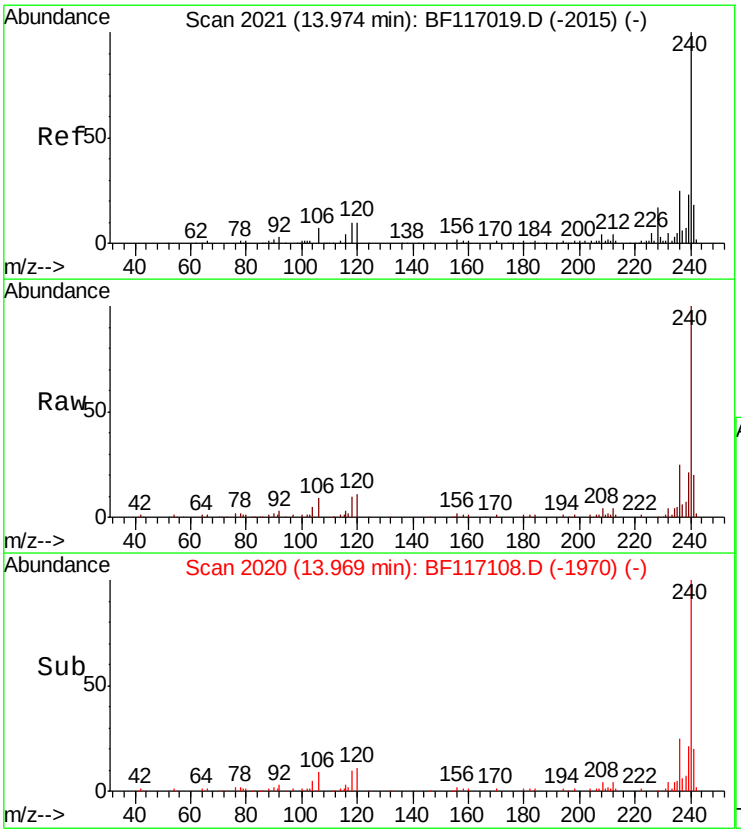
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF117108.D
Acq: 17 Sep 2019 15:57

Instrument :
BNA_F
ClientSampleId :
MW2-R2-2

Tgt Ion:188 Resp: 180478

Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.2	12.2
80	10.0	9.0	13.6

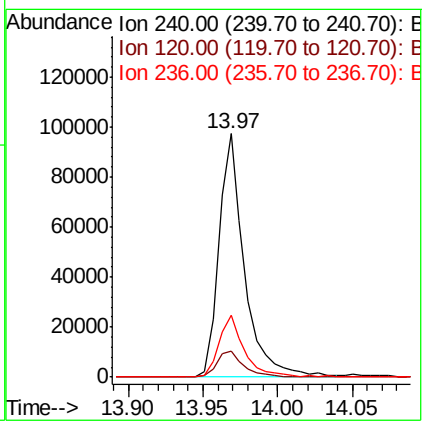


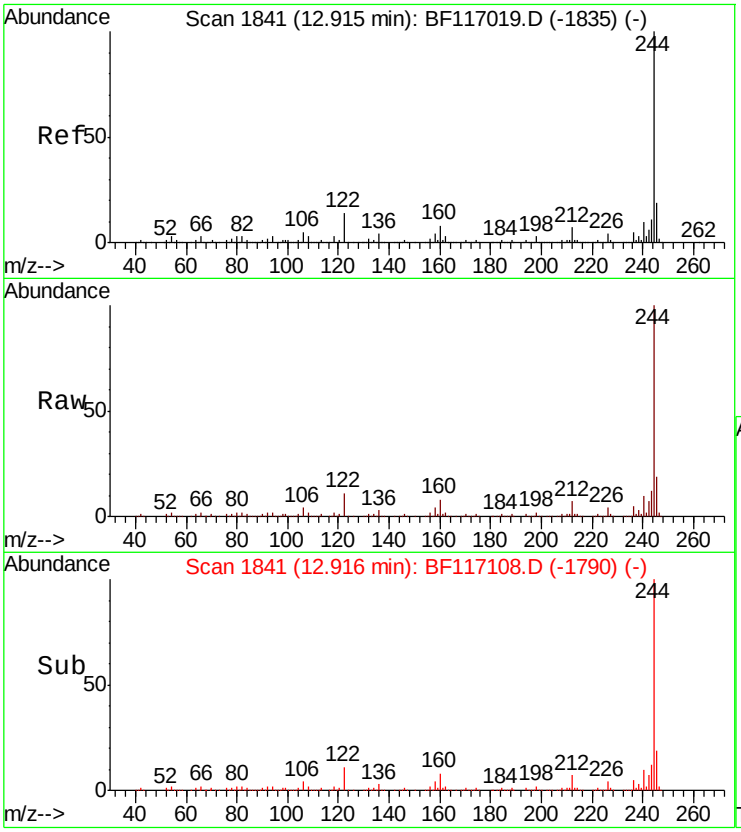


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF117108.D
Acq: 17 Sep 2019 15:57

Tgt Ion:240 Resp: 116588

Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.3	12.5
236	25.4	20.3	30.5



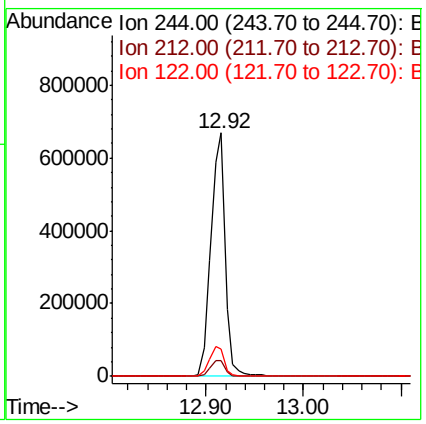


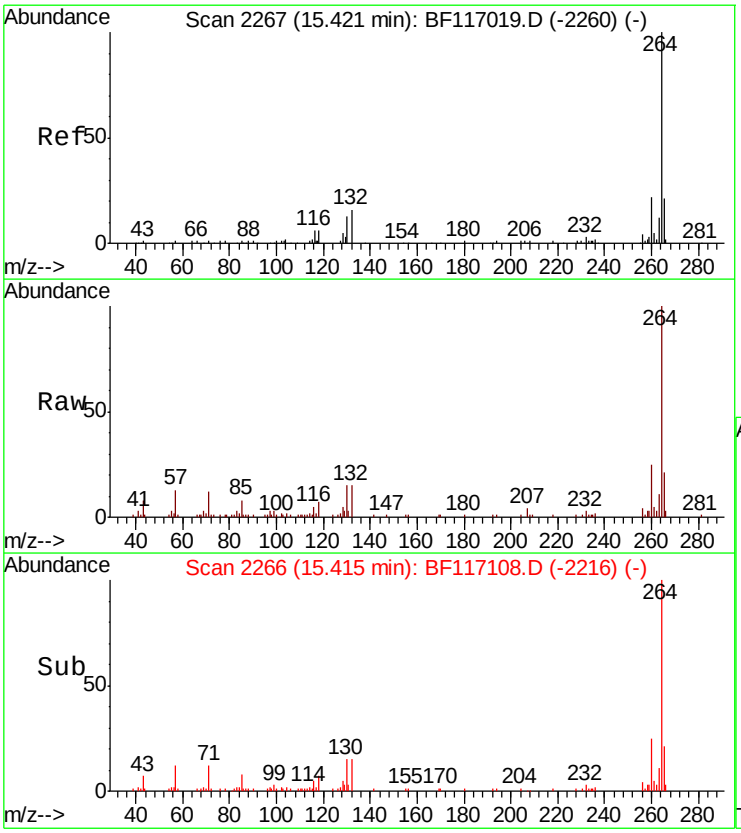
#79
Terphenyl-d14
Concen: 109.139 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BF117108.D
Acq: 17 Sep 2019 15:57

Instrument :
BNA_F
ClientSampleId :
MW2-R2-2

Tgt Ion:244 Resp: 680728

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.8
122	11.4	11.3	16.9





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF117108.D
Acq: 17 Sep 2019 15:57

Tgt Ion:264 Resp: 107681

Ion	Ratio	Lower	Upper
264	100		
260	25.1	17.6	26.4
265	21.2	16.6	24.8