Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
Data File : BF117044.D
Acq On : 14 Sep 2019 1:05
Operator : HP/JU
Sample : K4863-09 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CSA-4-7

Quant Time: Sep 14 06:17:01 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	62359	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	278489	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	134419	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	182462	20.00	ng	0.00
76) Chrysene-d12	13.96	240	130172	20.00	ng	-0.01
87) Perylene-d12	15.41	264	105864	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	13431	3.36	ng	0.00
7) Phenol-d6	6.45	99	20599	3.99	ng	0.00
23) Nitrobenzene-d5	7.39	82	11530	2.18	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	3153	2.81	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	25575	2.97	ng	0.00
79) Terphenyl-d14	12.91	244	18829	2.70	ng	0.00
Target Compounds						Qvalue

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

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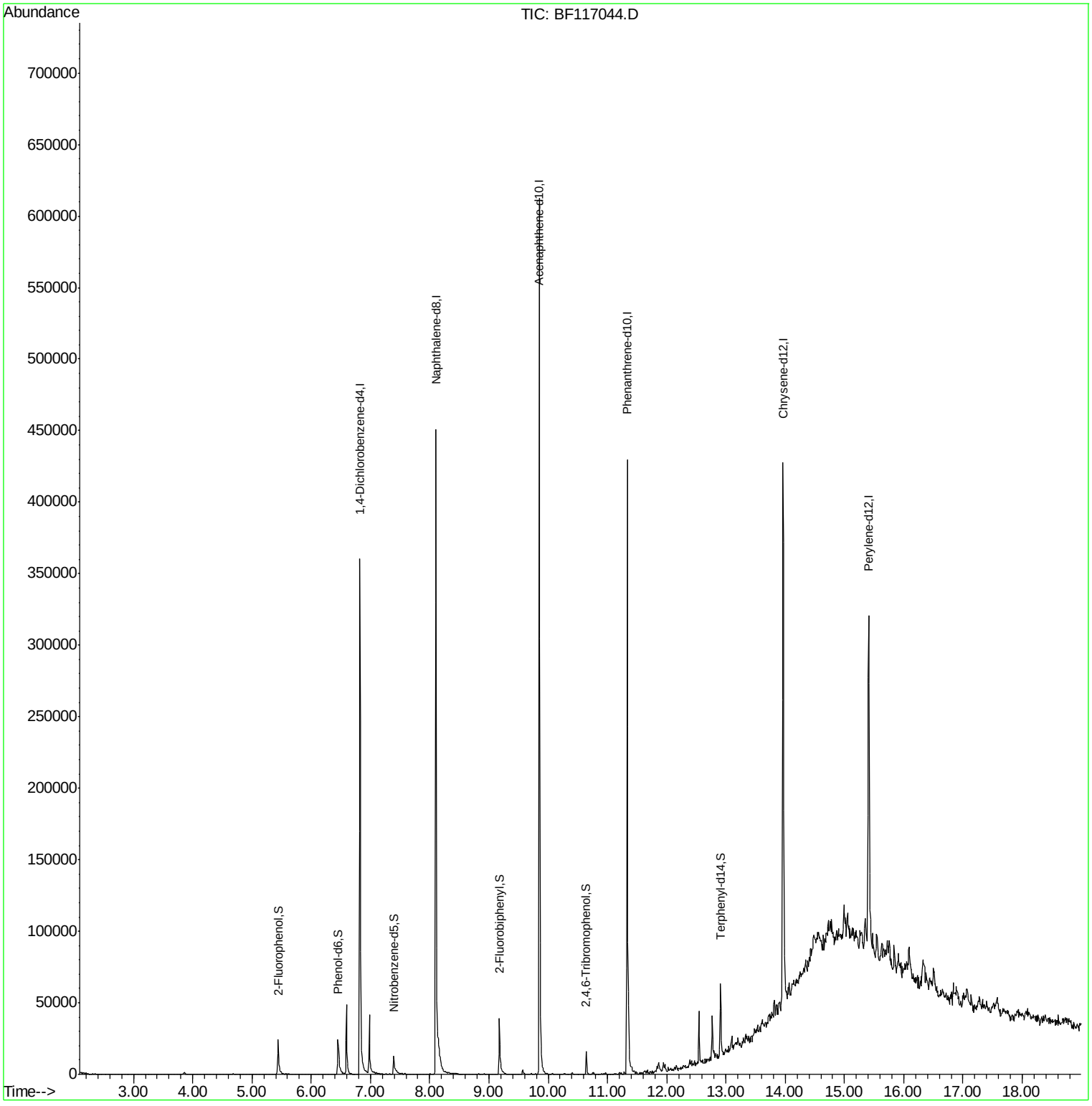
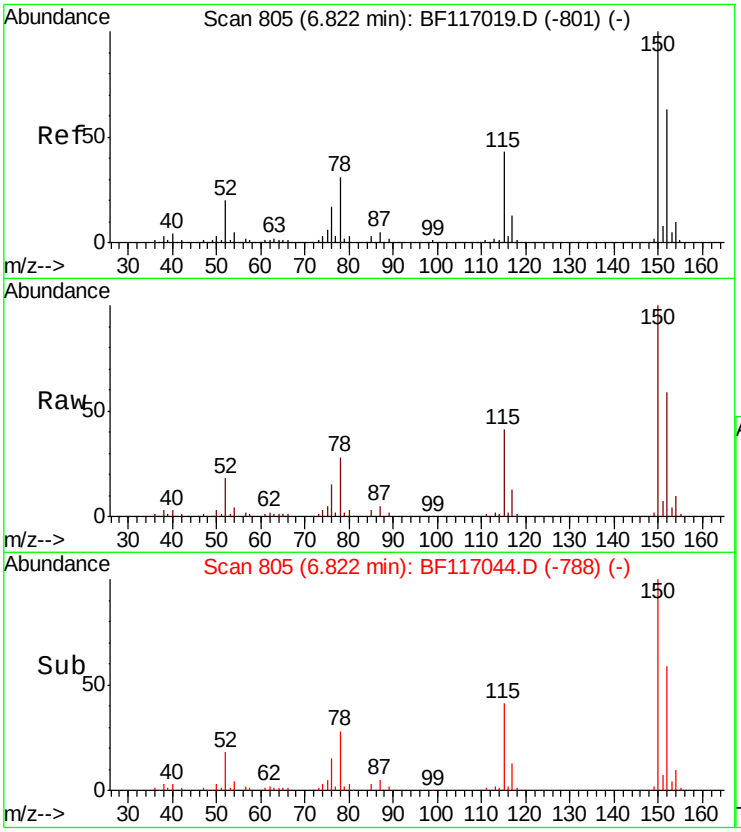


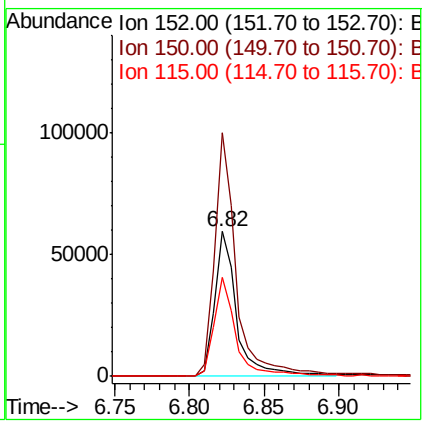


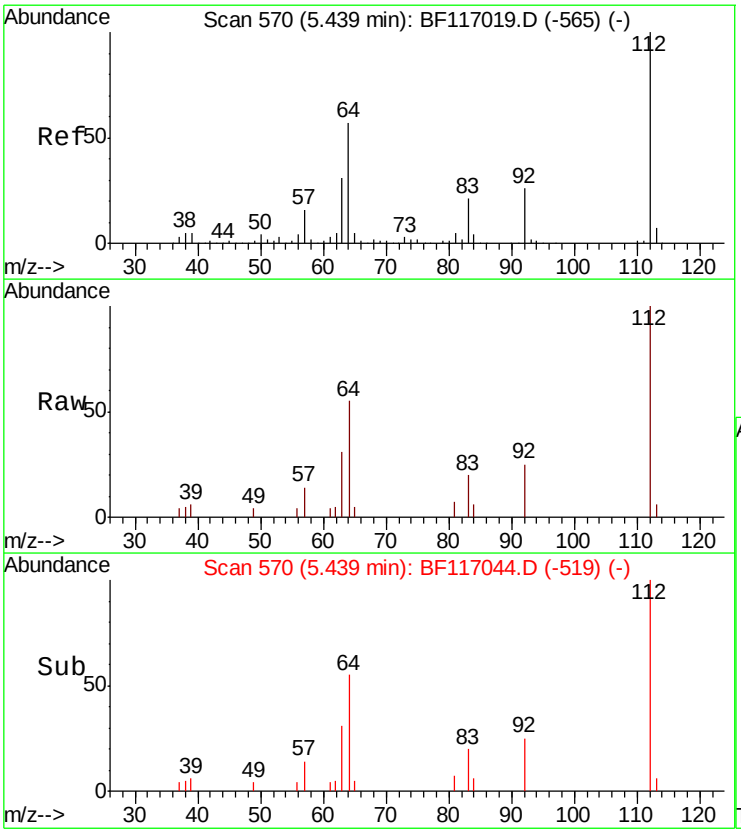
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF117044.D
Acq: 14 Sep 2019 1:05

Instrument :
BNA_F
ClientSampleId :
CSA-4-7

Tgt Ion:152 Resp: 62359

Ion	Ratio	Lower	Upper
152	100		
150	168.1	127.5	191.3
115	68.3	55.0	82.4

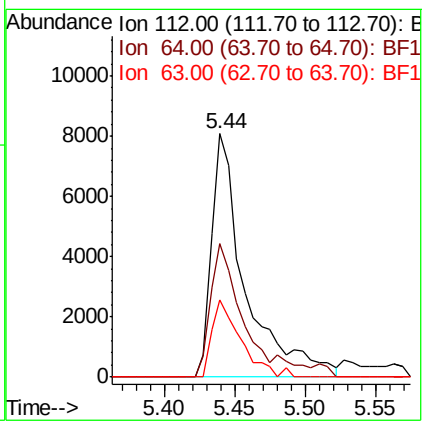


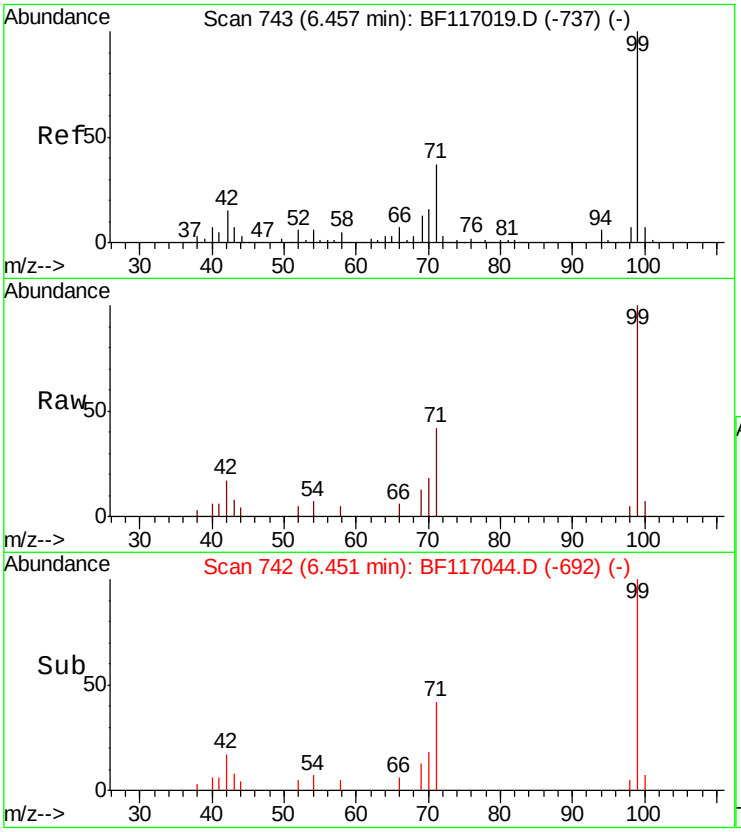


#5
2-Fluorophenol
Concen: 3.363 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF117044.D
Acq: 14 Sep 2019 1:05

Tgt Ion:112 Resp: 13431

Ion	Ratio	Lower	Upper
112	100		
64	55.1	45.7	68.5
63	31.5	24.9	37.3



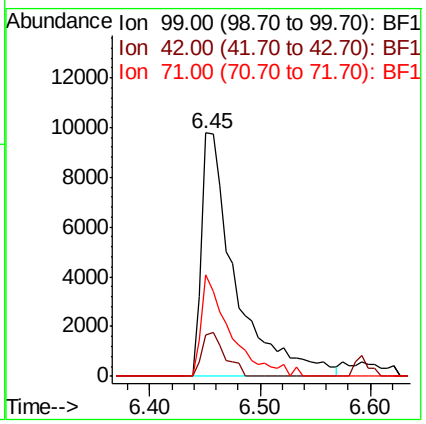


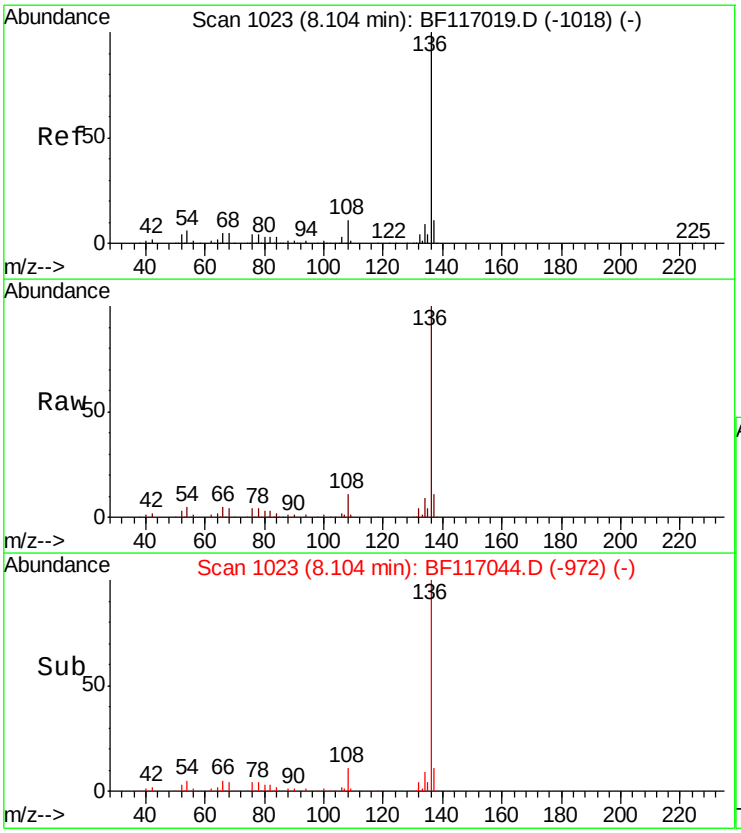
#7
Phenol-d6
Concen: 3.991 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF117044.D
Acq: 14 Sep 2019 1:05

Instrument :
BNA_F
ClientSampleId :
CSA-4-7

Tgt Ion: 99 Resp: 20599

Ion	Ratio	Lower	Upper
99	100		
42	17.0	12.2	18.2
71	41.8	29.8	44.8

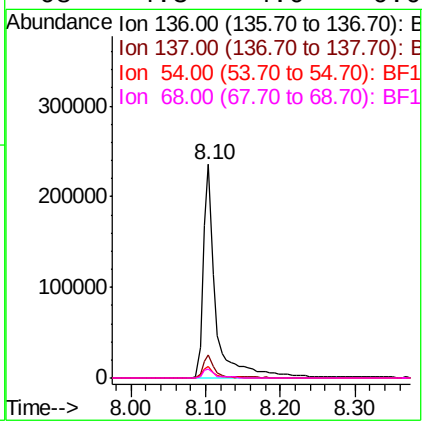


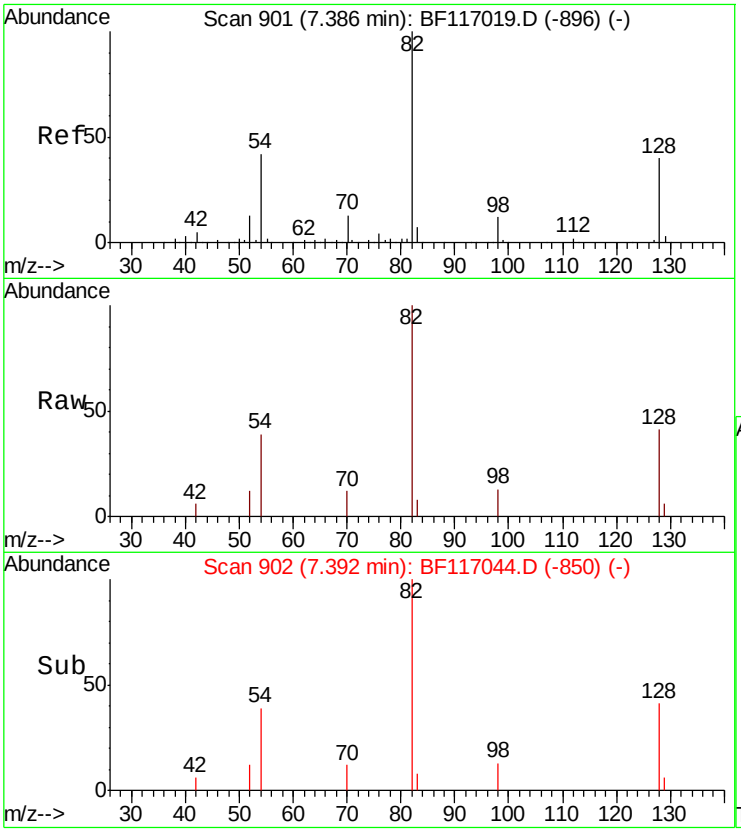


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF117044.D
Acq: 14 Sep 2019 1:05

Tgt Ion:136 Resp: 278489

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	5.3	4.5	6.7
68	4.3	4.0	6.0



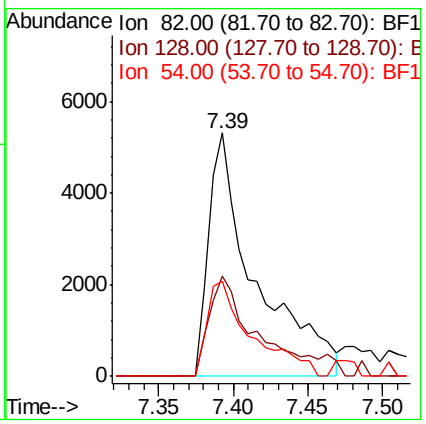


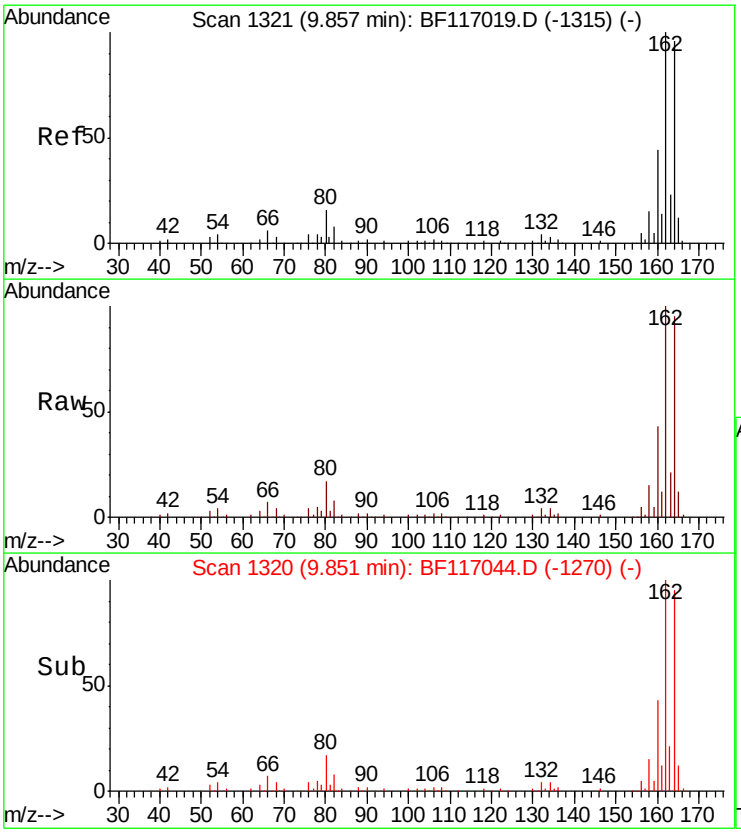
#23
Nitrobenzene-d5
Concen: 2.175 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.01 min
Lab File: BF117044.D
Acq: 14 Sep 2019 1:05

Instrument :
BNA_F
ClientSampleId :
CSA-4-7

Tgt Ion: 82 Resp: 11530

Ion	Ratio	Lower	Upper
82	100		
128	41.3	32.3	48.5
54	39.2	33.3	49.9

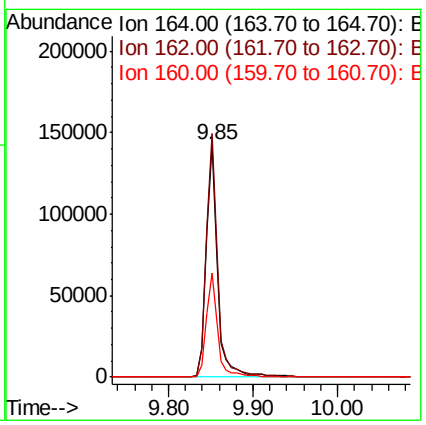


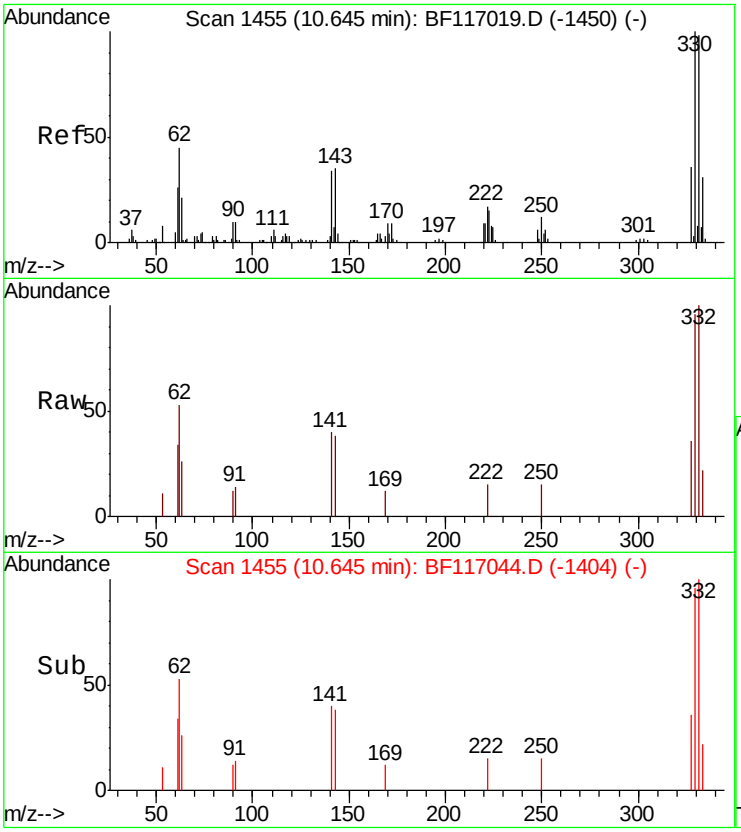


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF117044.D
Acq: 14 Sep 2019 1:05

Tgt Ion:164 Resp: 134419

Ion	Ratio	Lower	Upper
164	100		
162	104.8	83.4	125.2
160	44.6	36.4	54.6



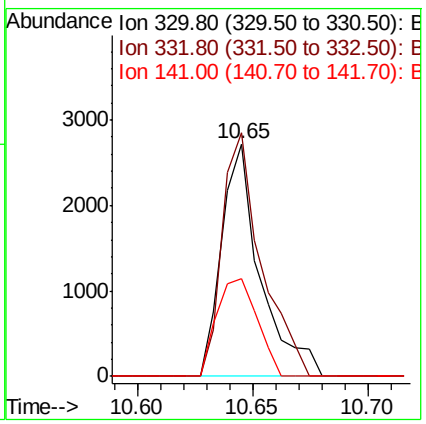


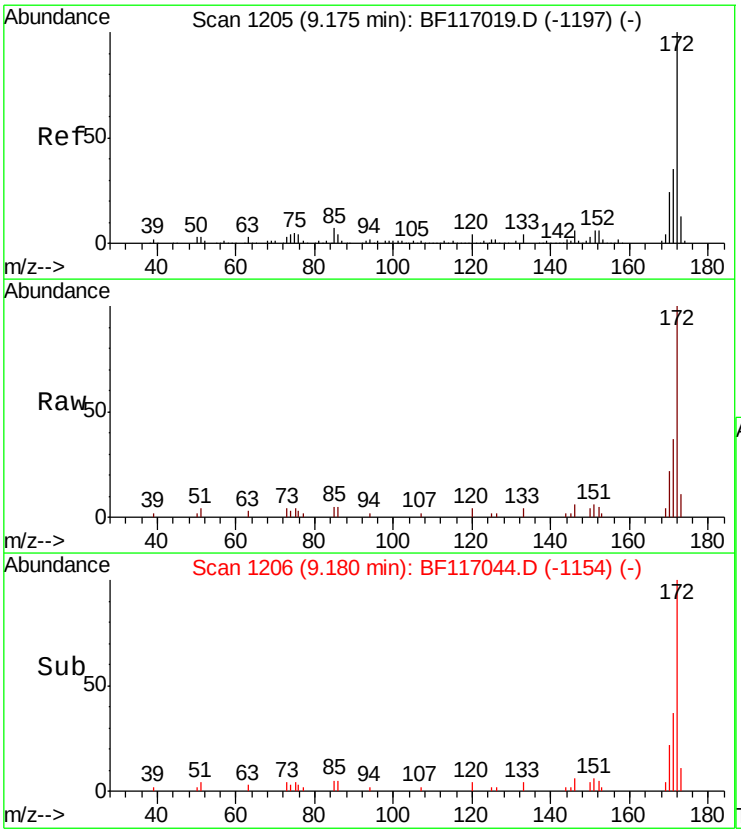
#42
2,4,6-Tribromophenol
Concen: 2.807 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.00 min
Lab File: BF117044.D
Acq: 14 Sep 2019 1:05

Instrument :
BNA_F
ClientSampleId :
CSA-4-7

Tgt Ion:330 Resp: 3153

Ion	Ratio	Lower	Upper
330	100		
332	106.0	78.0	117.0
141	44.2	35.8	53.6

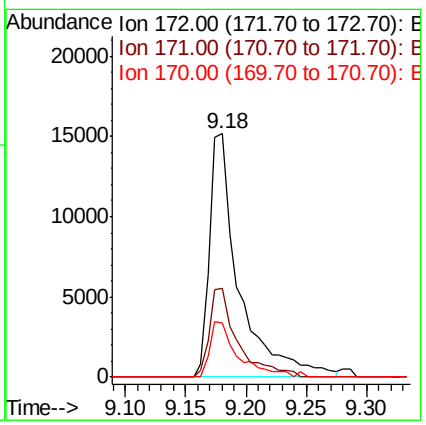


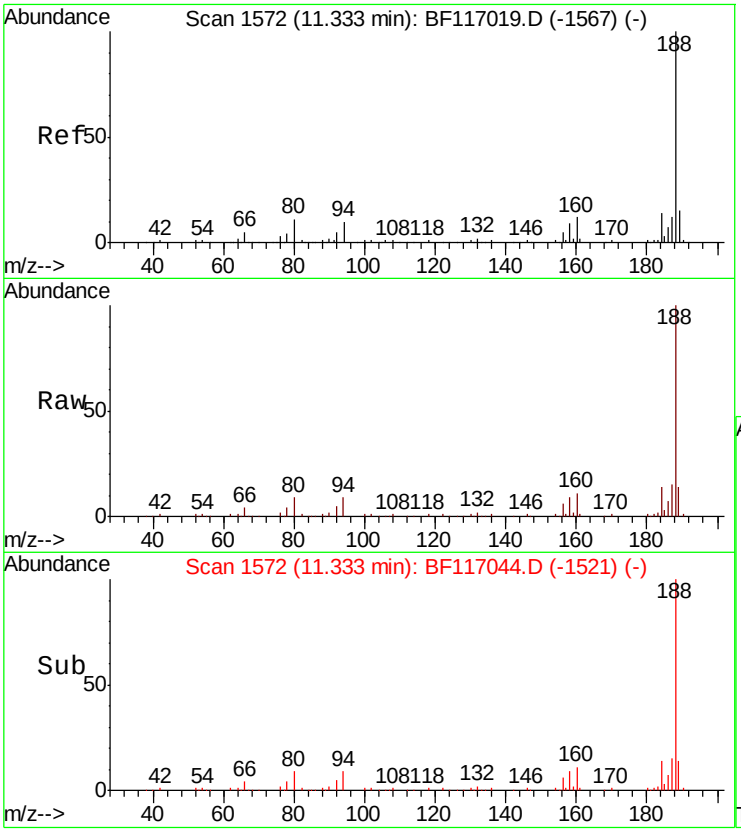


#45
2-Fluorobiphenyl
Concen: 2.975 ng
RT: 9.18 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BF117044.D
Acq: 14 Sep 2019 1:05

Tgt Ion:172 Resp: 25575

Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.2	42.2
170	22.4	18.9	28.3



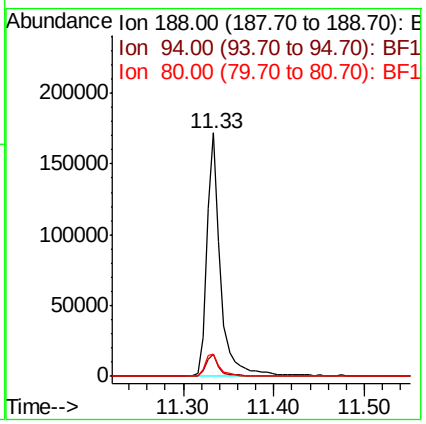


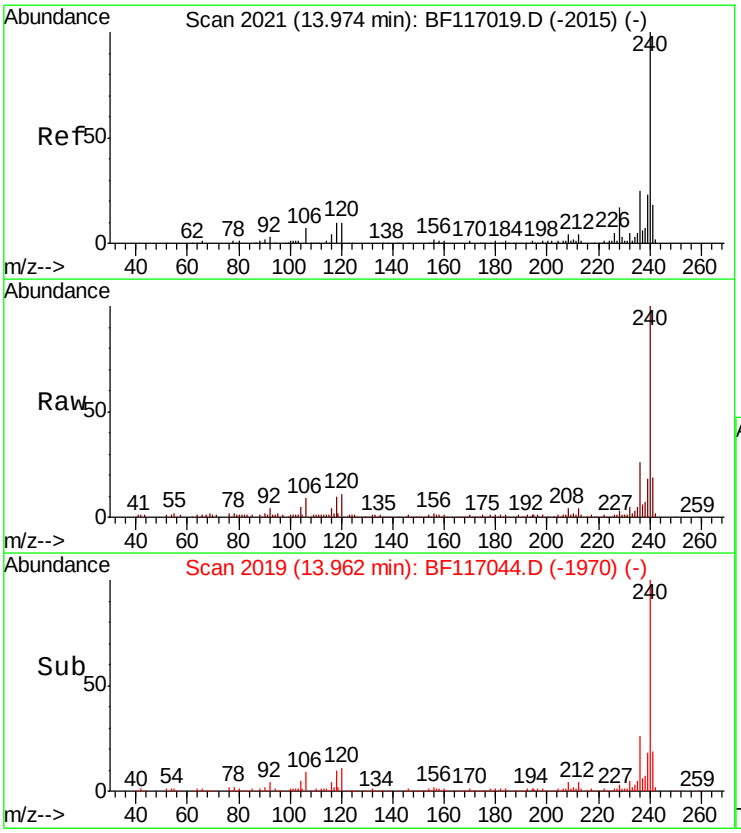
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF117044.D
Acq: 14 Sep 2019 1:05

Instrument :
BNA_F
ClientSampleId :
CSA-4-7

Tgt Ion:188 Resp: 182462

Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.2	12.2
80	9.3	9.0	13.6

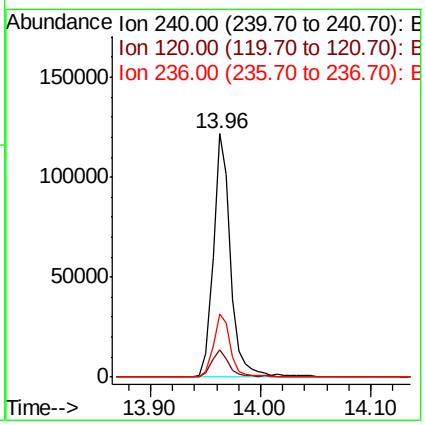


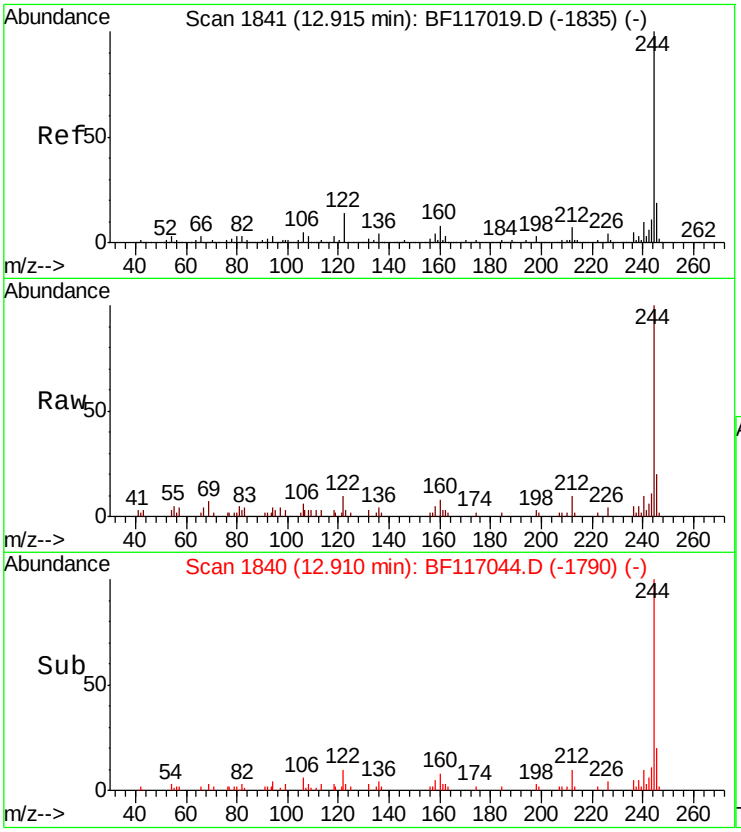


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF117044.D
Acq: 14 Sep 2019 1:05

Tgt Ion:240 Resp: 130172

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.3	12.5
236	25.8	20.3	30.5



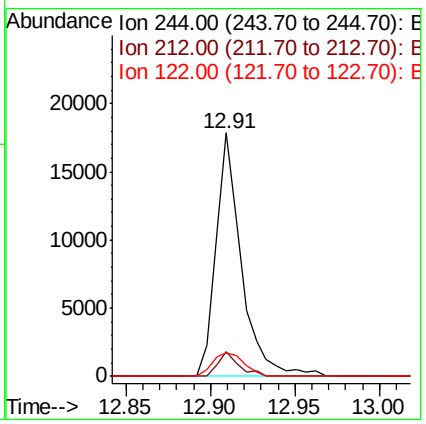


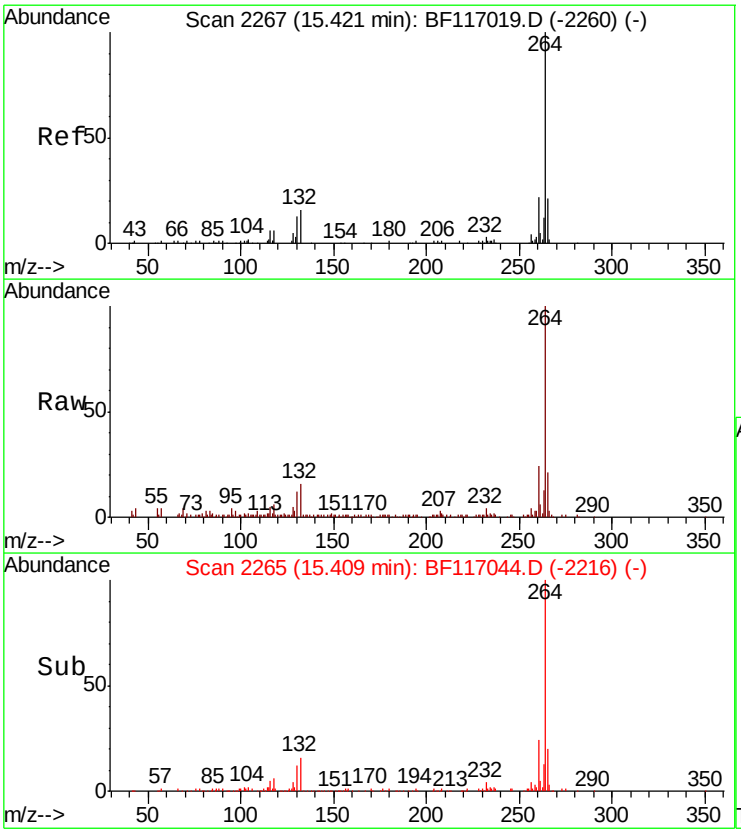
#79
Terphenyl-d14
Concen: 2.704 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF117044.D
Acq: 14 Sep 2019 1:05

Instrument :
BNA_F
ClientSampleId :
CSA-4-7

Tgt Ion:244 Resp: 18829

Ion	Ratio	Lower	Upper
244	100		
212	10.2	5.8	8.8#
122	9.8	11.3	16.9#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF117044.D
Acq: 14 Sep 2019 1:05

Tgt Ion:264 Resp: 105864

Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.6	26.4
265	20.5	16.6	24.8