Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102119\
Data File : BF117459.D
Acq On : 21 Oct 2019 20:41
Operator : JU
Sample : K5150-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-101819

Quant Time: Oct 22 02:24:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 18:53:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	60121	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	251277	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	130982	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	226184	20.00	ng	0.00
76) Chrysene-d12	13.89	240	193204	20.00	ng	-0.01
87) Perylene-d12	15.32	264	193773	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	343911	85.10	ng	0.01
7) Phenol-d6	6.38	99	450358	82.97	ng	0.00
23) Nitrobenzene-d5	7.30	82	290262	57.03	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	102490	90.43	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	517085	55.62	ng	0.00
79) Terphenyl-d14	12.83	244	583762	49.28	ng	0.00
Target Compounds						Qvalue

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

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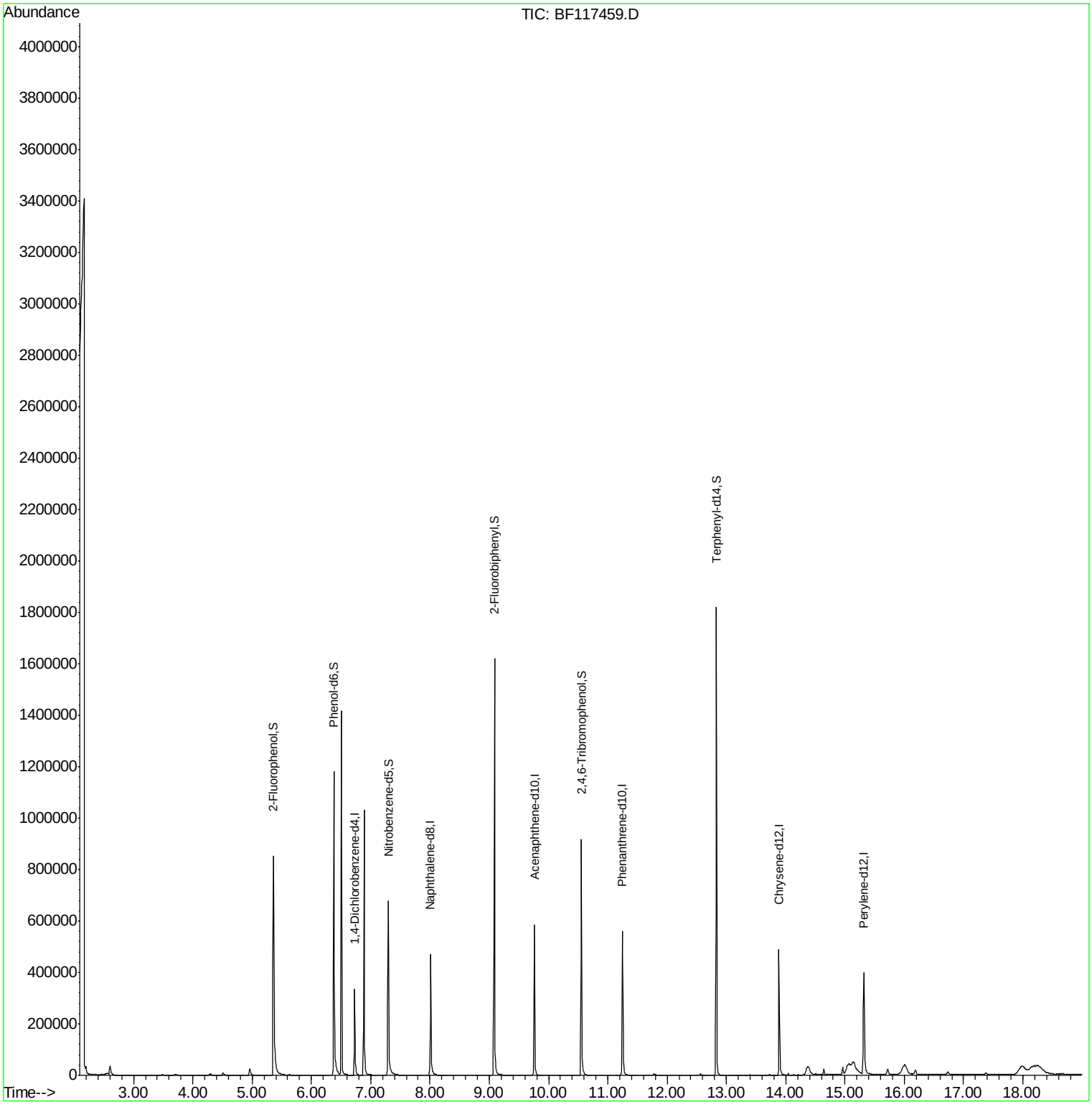
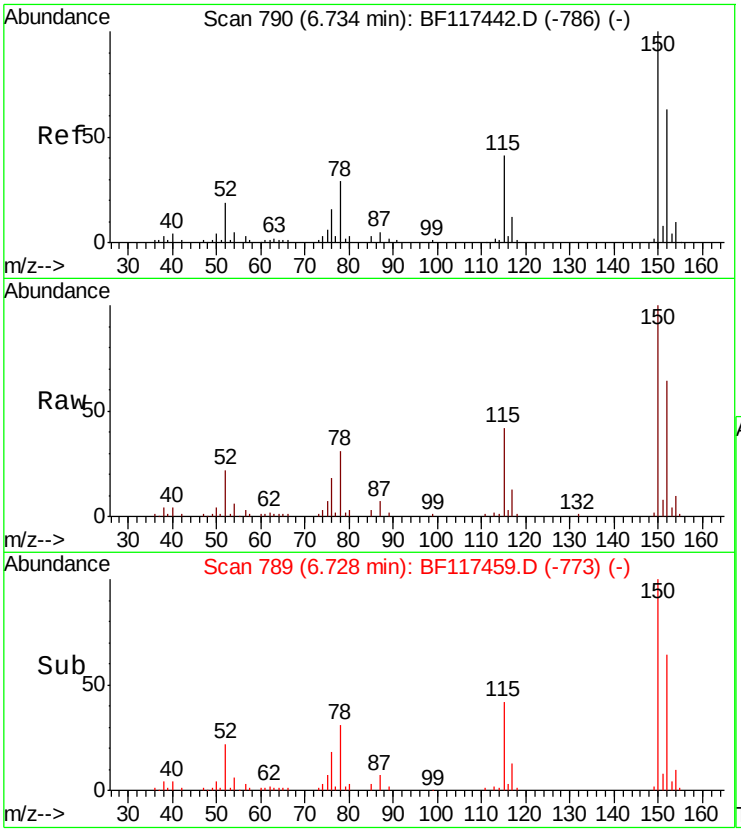


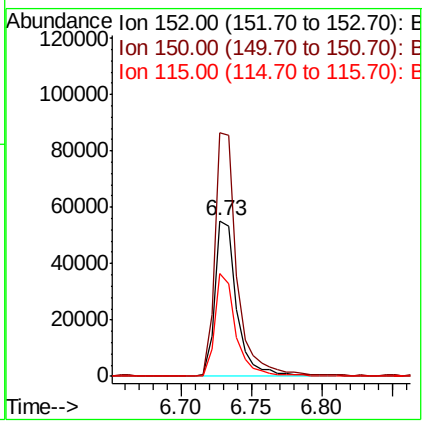


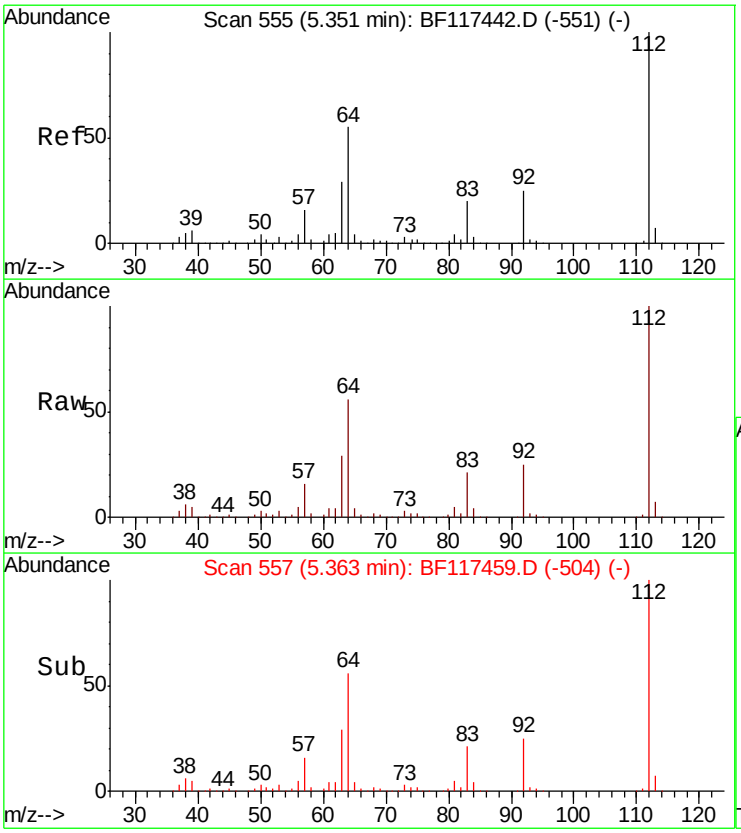
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117459.D
Acq: 21 Oct 2019 20:41

Instrument :
BNA_F
ClientSampleId :
PL-01-101819

Tgt Ion:152 Resp: 60121

Ion	Ratio	Lower	Upper
152	100		
150	156.8	126.8	190.2
115	66.5	51.6	77.4

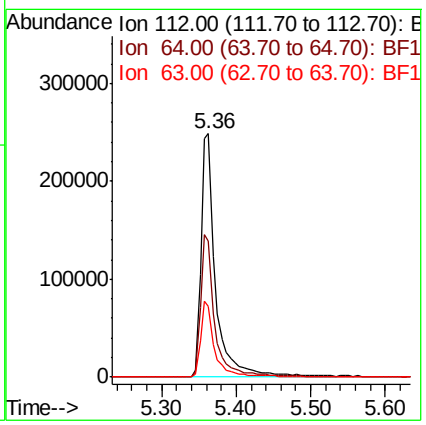


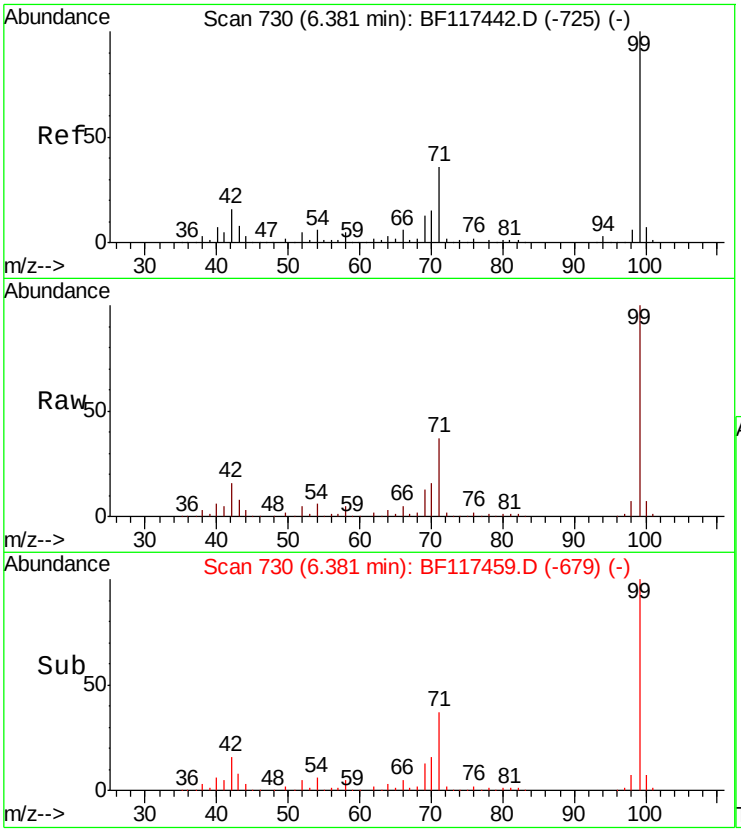


#5
2-Fluorophenol
Concen: 85.101 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF117459.D
Acq: 21 Oct 2019 20:41

Tgt Ion:112 Resp: 343911

Ion	Ratio	Lower	Upper
112	100		
64	56.1	44.1	66.1
63	29.2	23.4	35.2



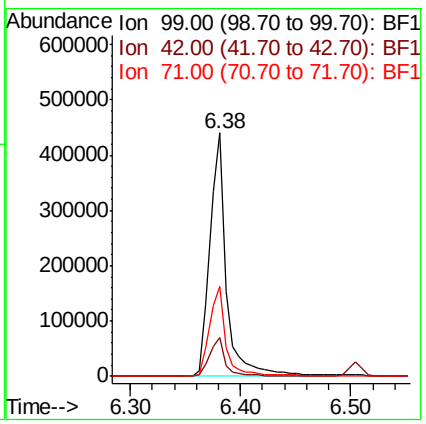


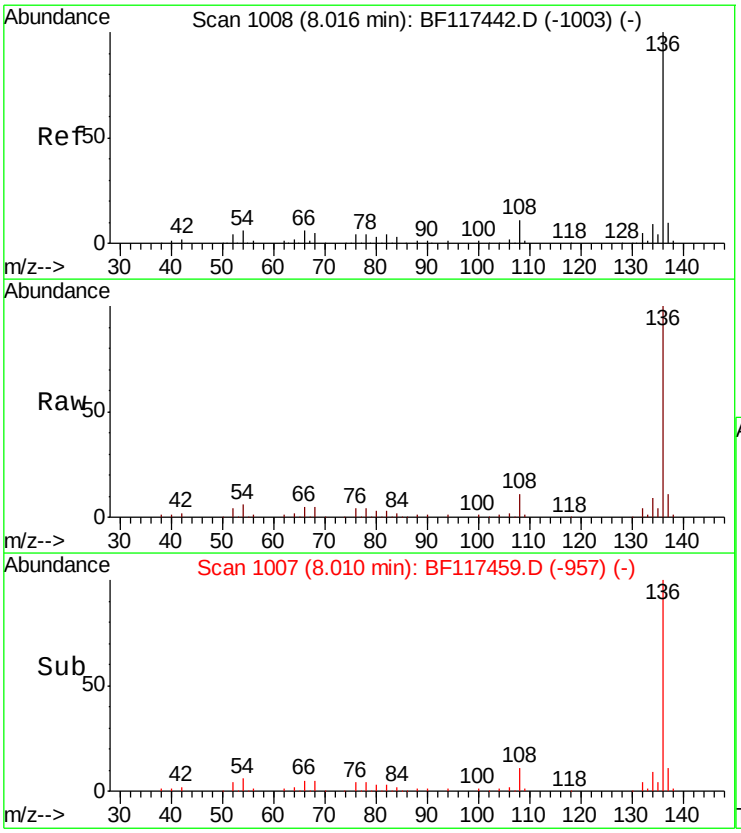
#7
Phenol-d6
Concen: 82.973 ng
RT: 6.38 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF117459.D
Acq: 21 Oct 2019 20:41

Instrument :
BNA_F
ClientSampleId :
PL-01-101819

Tgt Ion: 99 Resp: 450358

Ion	Ratio	Lower	Upper
99	100		
42	15.7	12.8	19.2
71	36.8	28.6	43.0

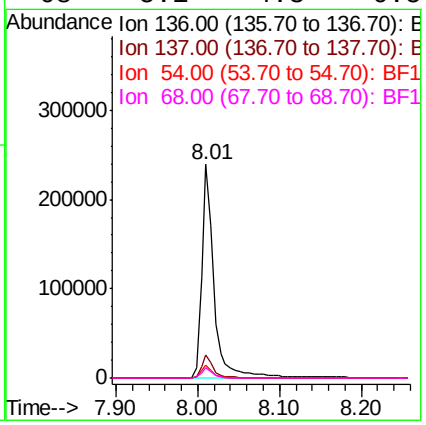


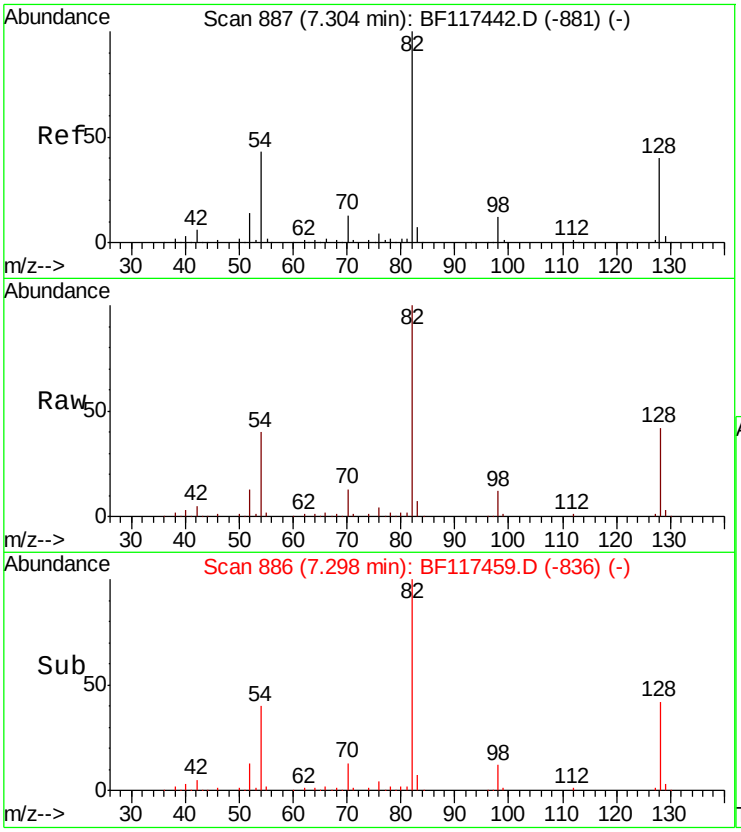


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117459.D
Acq: 21 Oct 2019 20:41

Tgt Ion:136 Resp: 251277

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.2	12.4
54	6.0	4.5	6.7
68	5.1	4.3	6.5



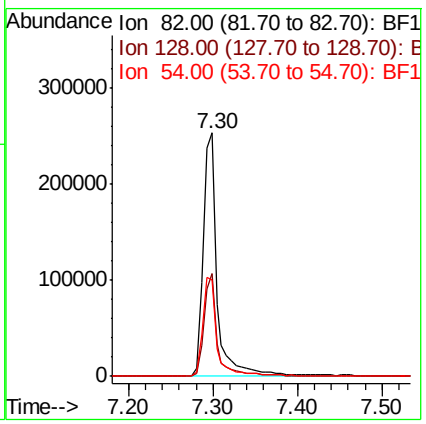


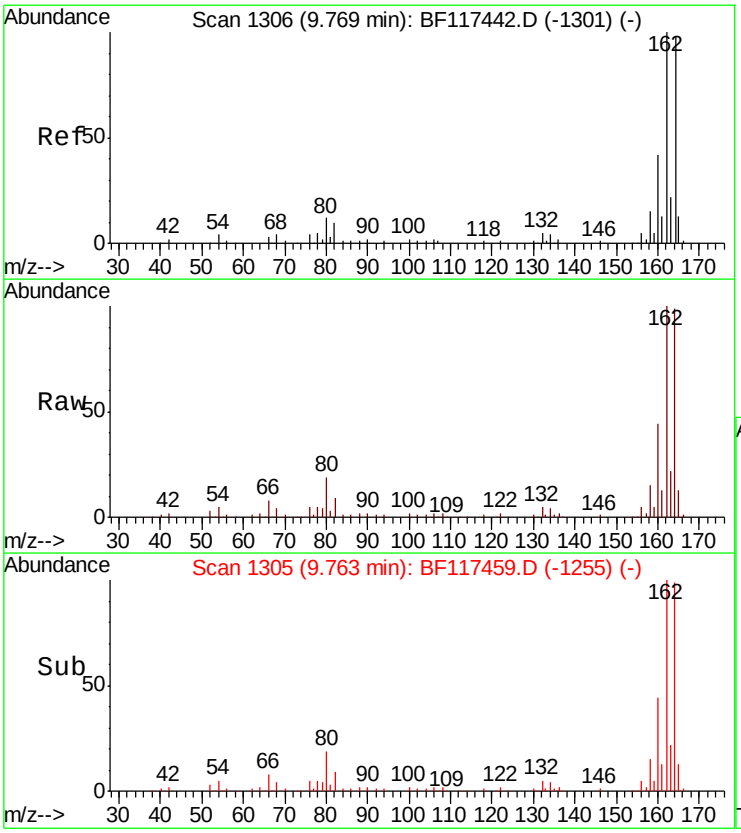
#23
Nitrobenzene-d5
Concen: 57.027 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF117459.D
Acq: 21 Oct 2019 20:41

Instrument :
BNA_F
ClientSampleId :
PL-01-101819

Tgt Ion: 82 Resp: 290262

Ion	Ratio	Lower	Upper
82	100		
128	42.0	32.2	48.2
54	39.8	34.2	51.2

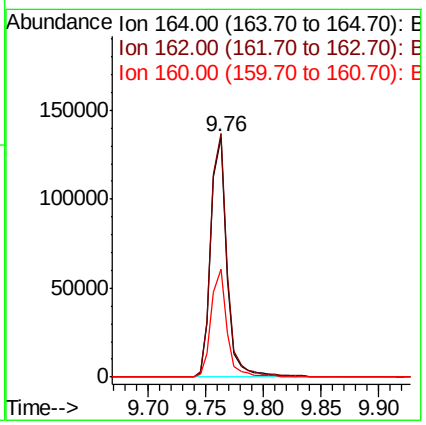


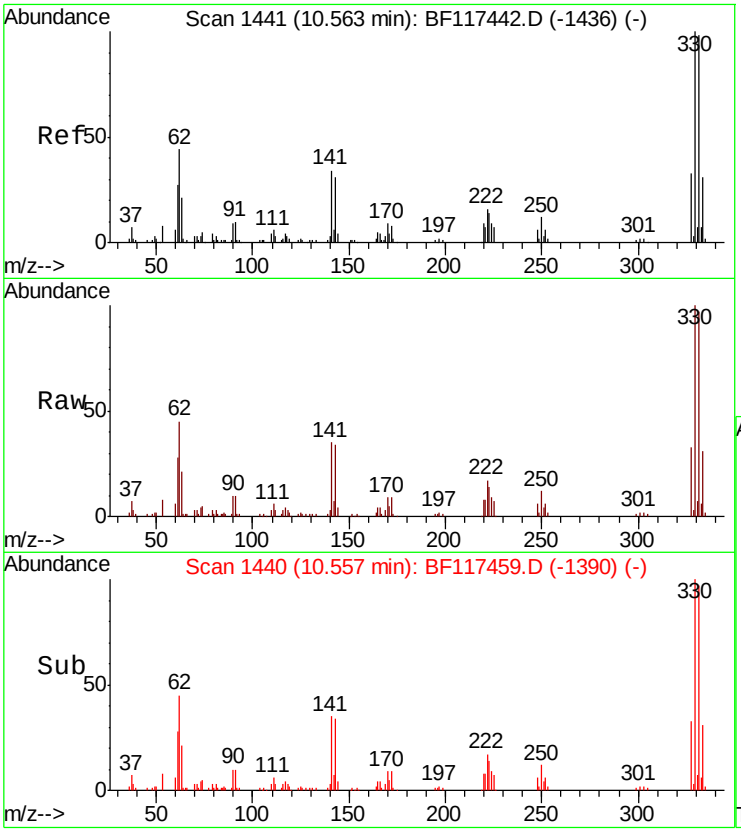


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF117459.D
Acq: 21 Oct 2019 20:41

Tgt Ion:164 Resp: 130982

Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.8	122.6
160	45.1	34.4	51.6



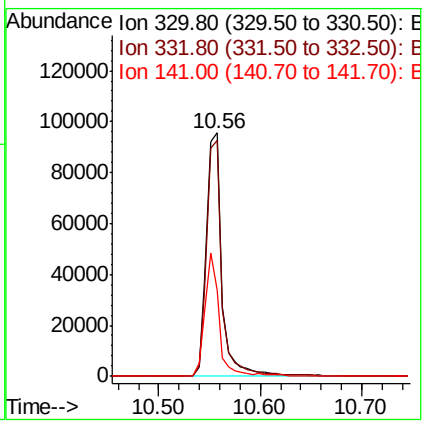


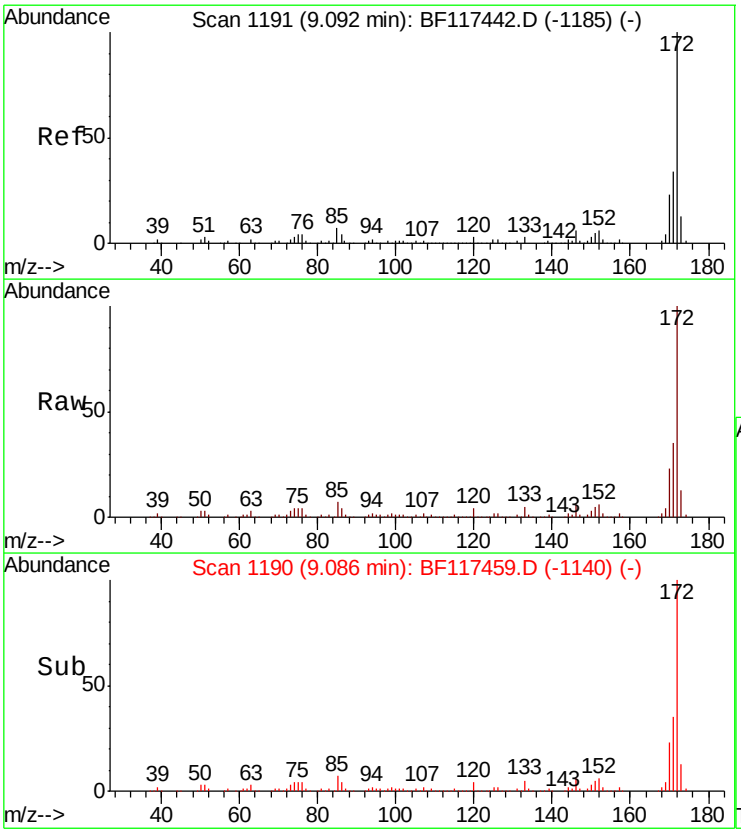
#42
2,4,6-Tribromophenol
Concen: 90.433 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF117459.D
Acq: 21 Oct 2019 20:41

Instrument :
BNA_F
ClientSampleId :
PL-01-101819

Tgt Ion:330 Resp: 102490

Ion	Ratio	Lower	Upper
330	100		
332	96.0	78.5	117.7
141	45.2	37.0	55.6

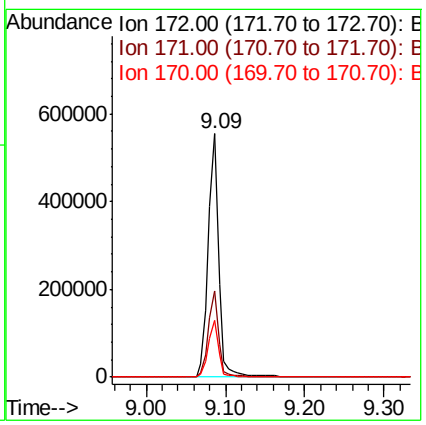


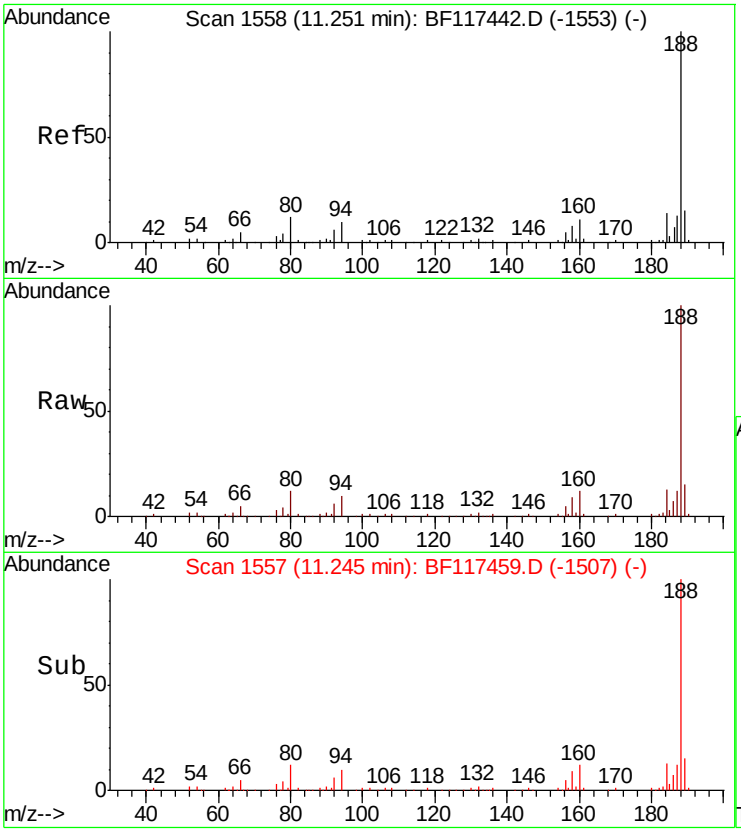


#45
2-Fluorobiphenyl
Concen: 55.623 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF117459.D
Acq: 21 Oct 2019 20:41

Tgt Ion:172 Resp: 517085

Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.5	41.3
170	23.3	18.6	27.8



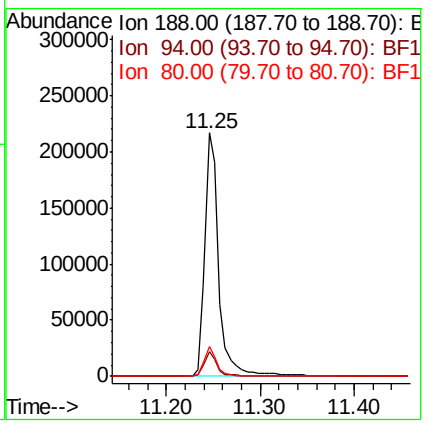


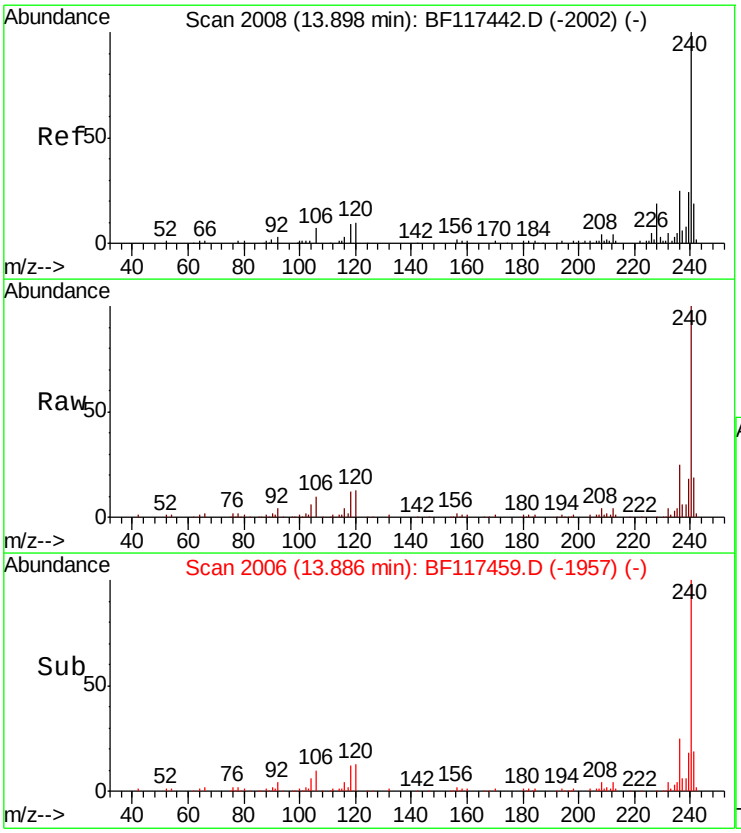
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF117459.D
Acq: 21 Oct 2019 20:41

Instrument :
BNA_F
ClientSampleId :
PL-01-101819

Tgt Ion:188 Resp: 226184

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.0	12.0
80	12.2	9.5	14.3

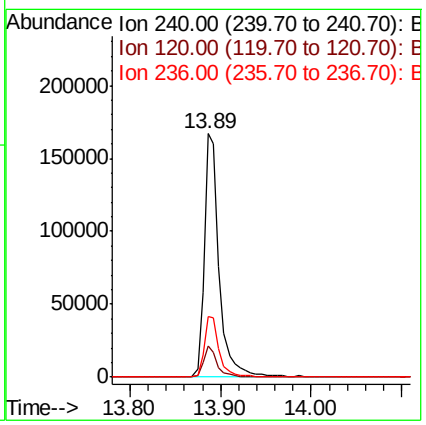


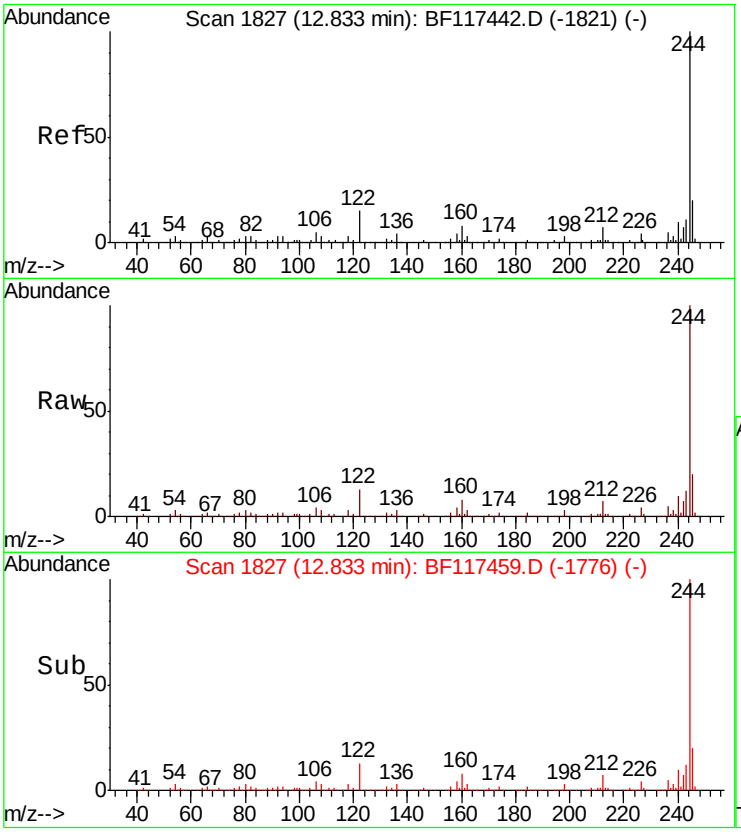


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF117459.D
Acq: 21 Oct 2019 20:41

Tgt Ion:240 Resp: 193204

Ion	Ratio	Lower	Upper
240	100		
120	13.0	8.4	12.6#
236	25.1	20.0	30.0



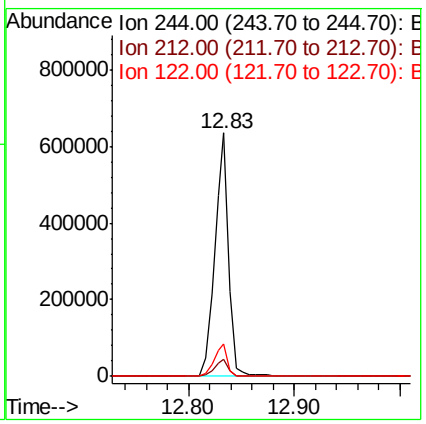


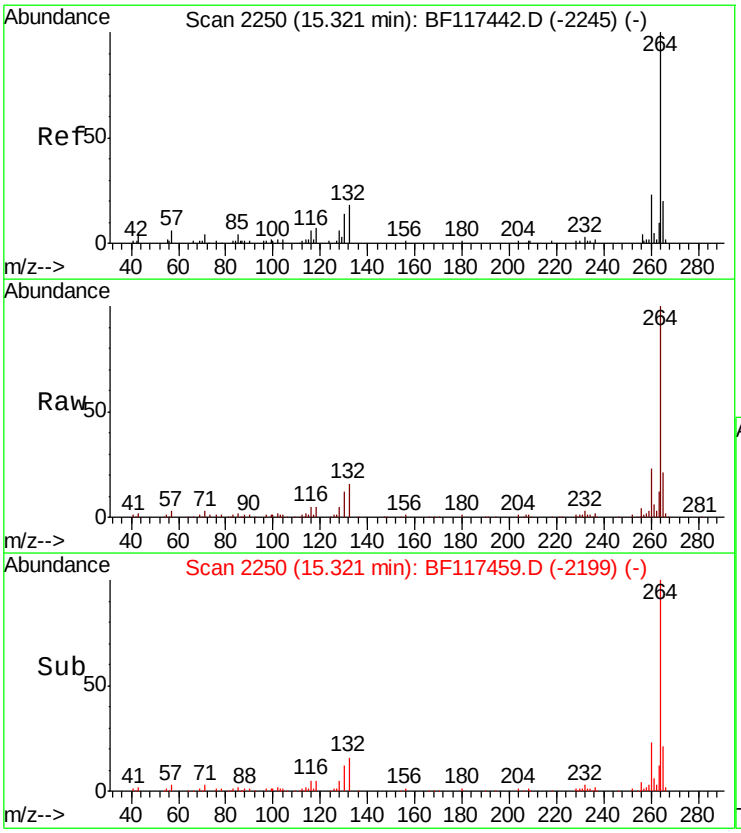
#79
Terphenyl-d14
Concen: 49.284 ng
RT: 12.83 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BF117459.D
Acq: 21 Oct 2019 20:41

Instrument :
BNA_F
ClientSampleId :
PL-01-101819

Tgt Ion:244 Resp: 583762

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	13.2	11.8	17.8





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. 0.00 min
Lab File: BF117459.D
Acq: 21 Oct 2019 20:41

Tgt Ion:264 Resp: 193773

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.4	27.6
265	20.6	16.1	24.1