Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102319\
Data File : BF117492.D
Acq On : 23 Oct 2019 19:24
Operator : JU
Sample : K5139-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 24 08:24:10 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	42974	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	175881	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	93139	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	148447	20.00	ng		0.00
76) Chrysene-d12	13.89	240	88681	20.00	ng		-0.01
87) Perylene-d12	15.32	264	96073	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	283970	98.31	ng		0.00
7) Phenol-d6	6.38	99	391154	100.82	ng		0.00
23) Nitrobenzene-d5	7.30	82	236903	66.50	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	76872	95.39	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	391953	59.29	ng		0.00
79) Terphenyl-d14	12.83	244	354342	65.17	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.38	77	520	Below Cal		#	3
19) n-Nitroso-di-n-propylamine	7.30	70	31260	13.193	ng	#	80
25) Isophorone	7.30	82	236902	38.439	ng	#	65
50) Dimethylphthalate	9.48	163	49245	7.417	ng	#	99
51) 2,6-Dinitrotoluene	9.76	165	11567	8.348	ng	#	22
57) 2,4-Dinitrotoluene	9.76	165	11567	6.279	ng	#	12
67) 4-Bromophenyl-phenylether	10.55	248	4694	2.936	ng	#	1
75) Fluoranthene	12.46	202	19394	2.248	ng		97
77) Benzidine	12.83	184	4932	Below Cal		#	93
78) Pyrene	12.69	202	19813	2.601	ng		99
88) Benzo(b)fluoranthene	14.92	252	14929	2.631	ng	#	89
89) Benzo(k)fluoranthene	14.92	252	14929	2.567	ng	#	88

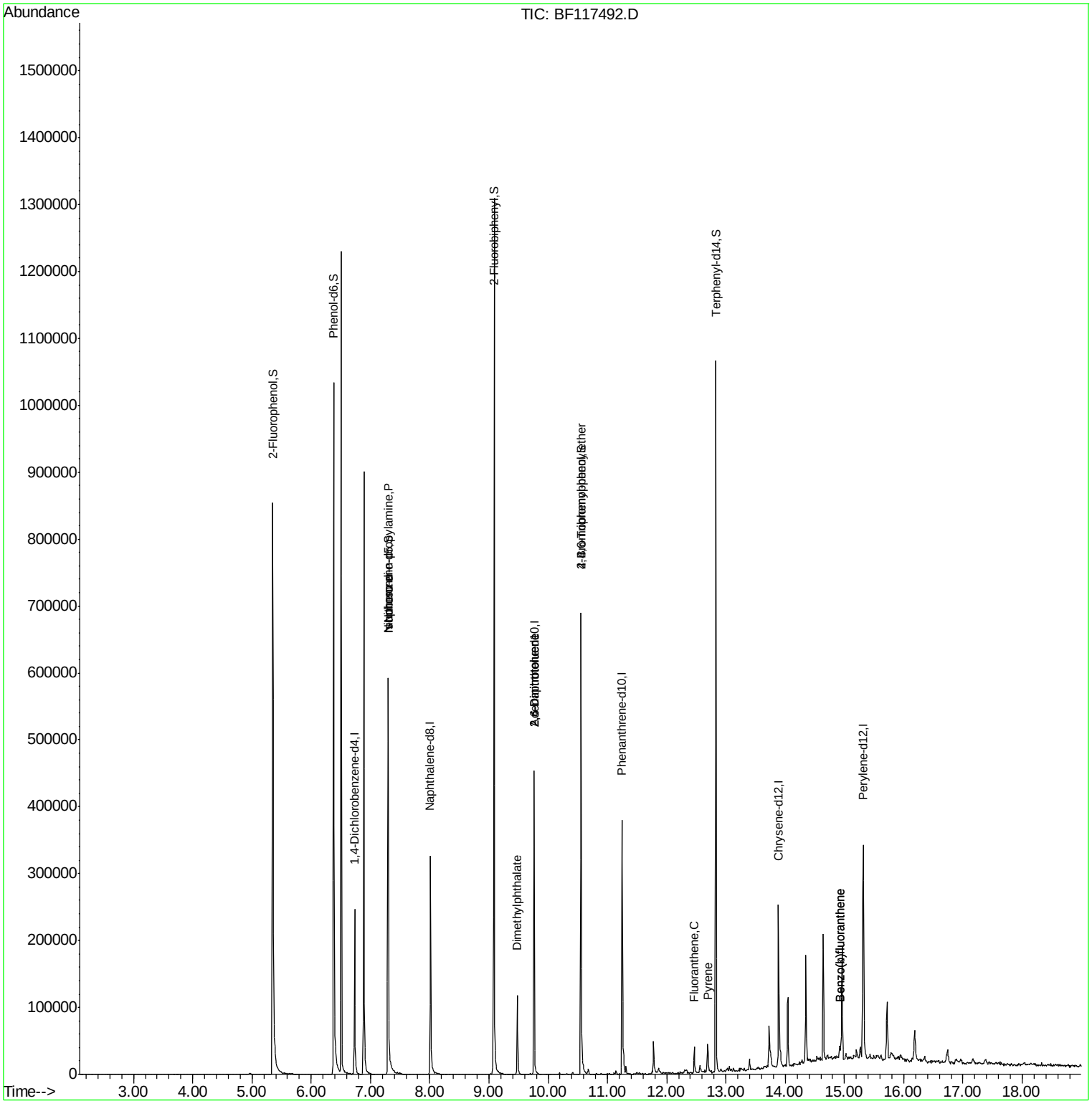
(#) = qualifier out of range (m) = manual integration (+) = signals summed

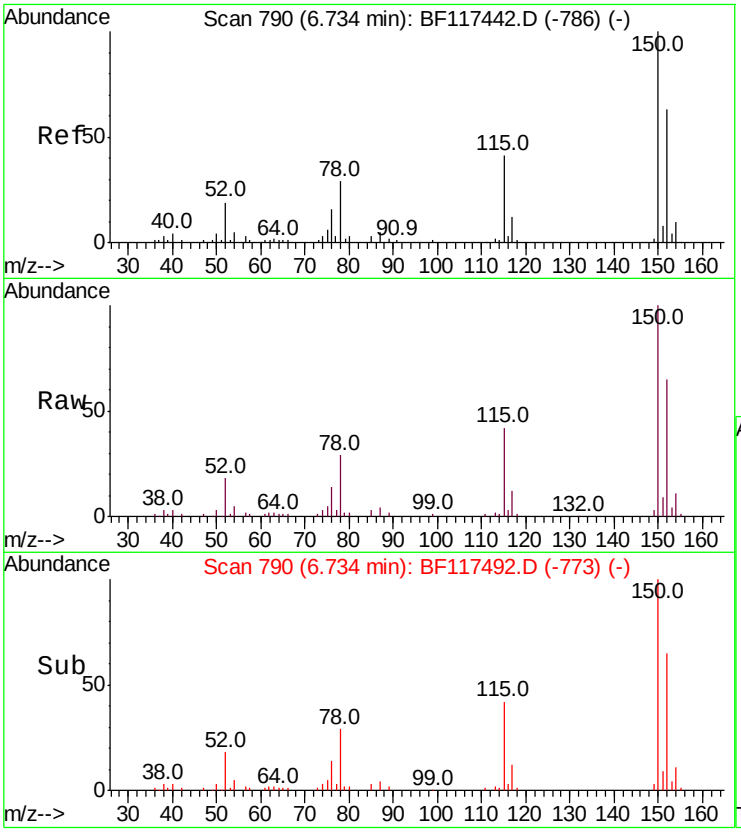
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102319\
Data File : BF117492.D
Acq On : 23 Oct 2019 19:24
Operator : JU
Sample : K5139-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 24 08:24:10 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



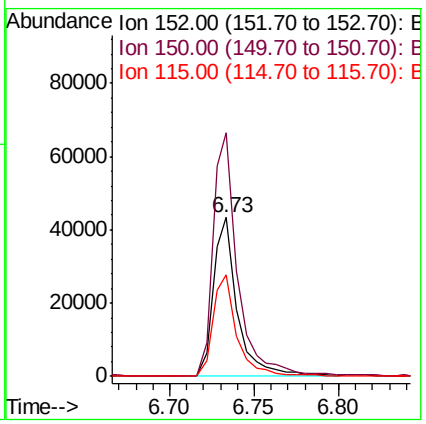


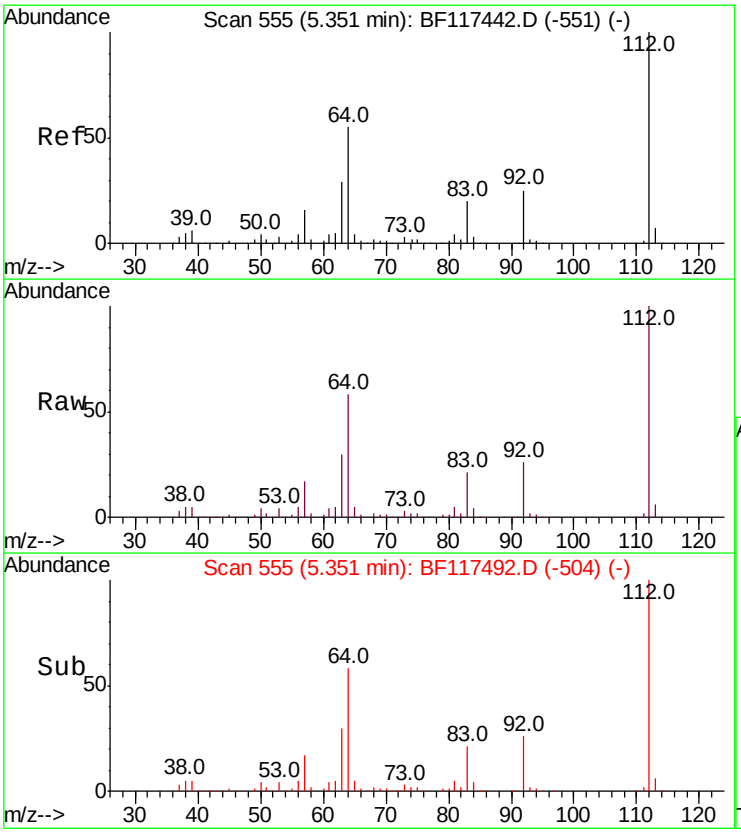
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF117492.D
Acq: 23 Oct 2019 19:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 42974

Ion	Ratio	Lower	Upper
152	100		
150	153.2	126.8	190.2
115	64.1	51.6	77.4

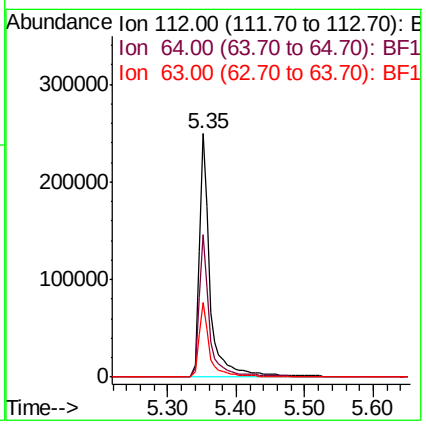


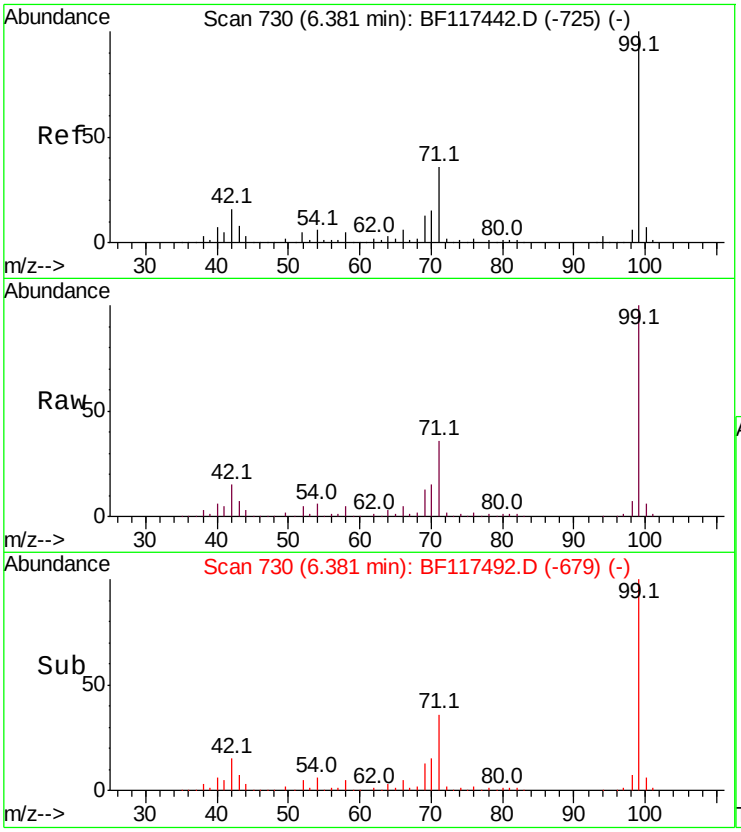


#5
2-Fluorophenol
Concen: 98.307 ng
RT: 5.35 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF117492.D
Acq: 23 Oct 2019 19:24

Tgt Ion:112 Resp: 283970

Ion	Ratio	Lower	Upper
112	100		
64	58.3	44.1	66.1
63	30.5	23.4	35.2



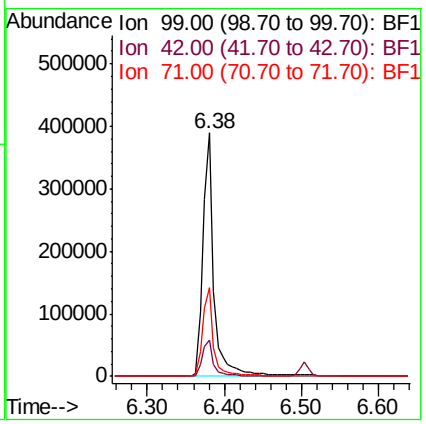


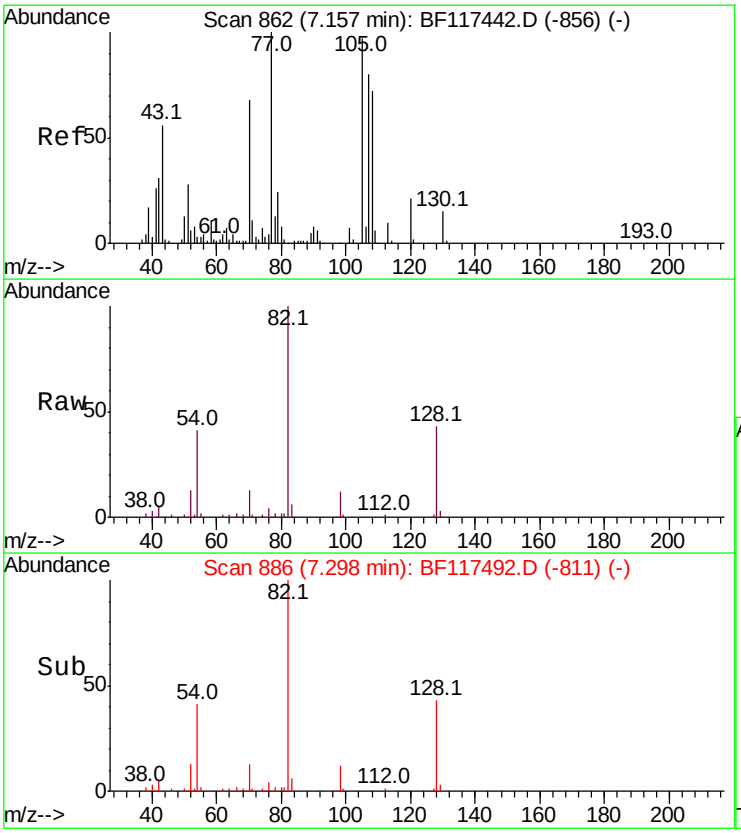
#7
Phenol-d6
Concen: 100.820 ng
RT: 6.38 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF117492.D
Acq: 23 Oct 2019 19:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 391154

Ion	Ratio	Lower	Upper
99	100		
42	15.1	12.8	19.2
71	36.4	28.6	43.0

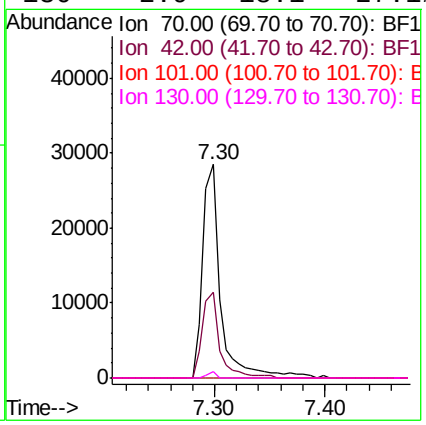


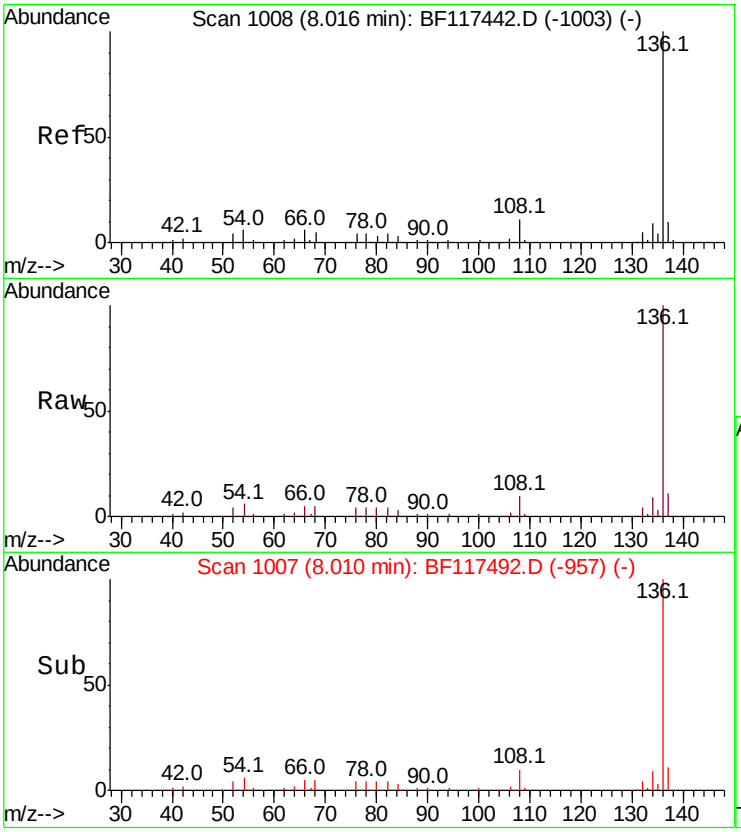


#19
n-Nitroso-di-n-propylamine
Concen: 13.193 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.14 min
Lab File: BF117492.D
Acq: 23 Oct 2019 19:24

Tgt Ion: 70 Resp: 31260

Ion	Ratio	Lower	Upper
70	100		
42	40.2	36.7	55.1
101	0.0	8.3	12.5#
130	2.9	18.1	27.1#



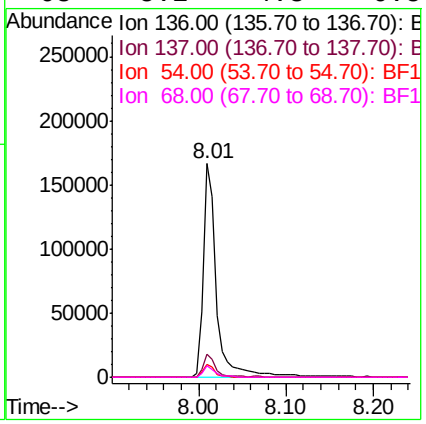


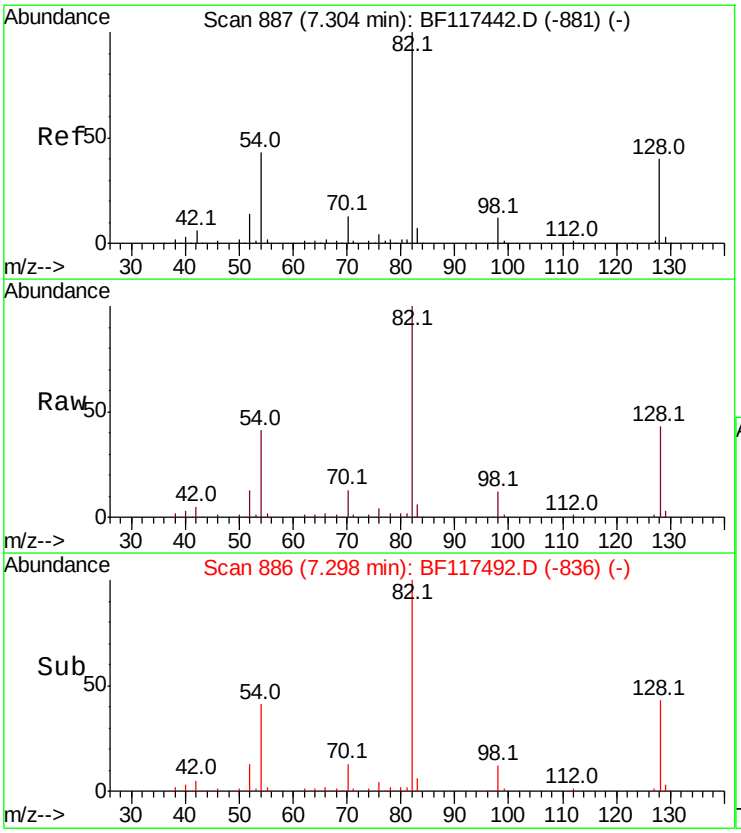
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117492.D
Acq: 23 Oct 2019 19:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 175881

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.2	12.4
54	6.2	4.5	6.7
68	5.2	4.3	6.5

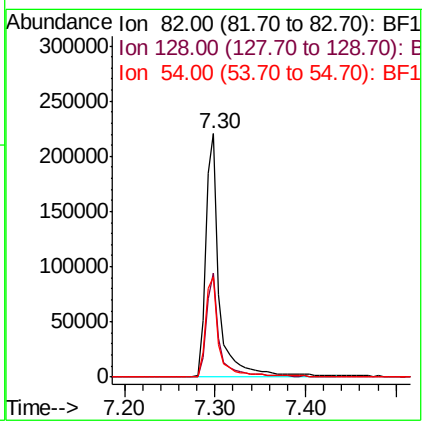


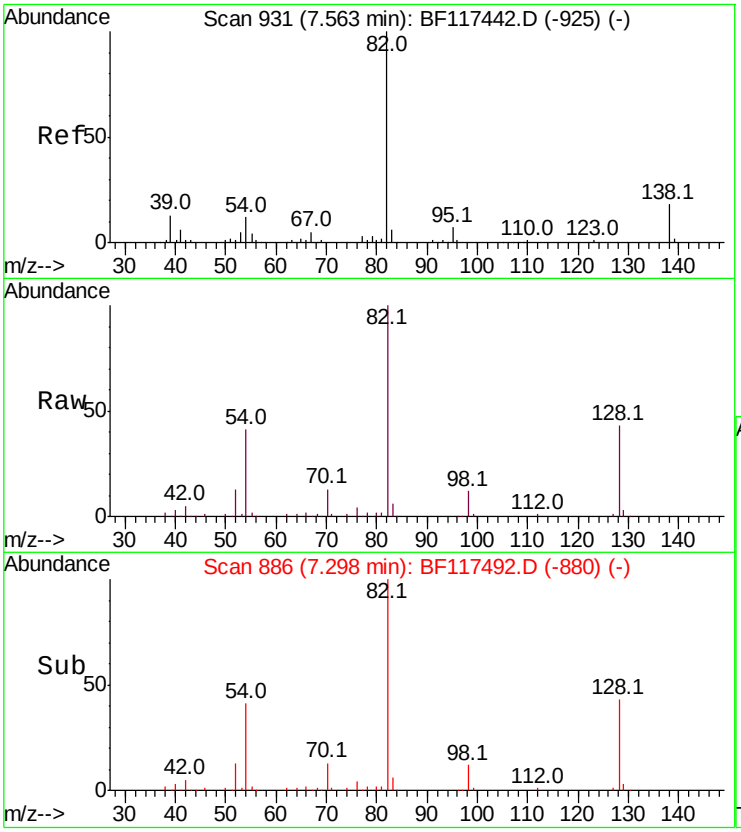


#23
Nitrobenzene-d5
Concen: 66.496 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF117492.D
Acq: 23 Oct 2019 19:24

Tgt Ion: 82 Resp: 236903

Ion	Ratio	Lower	Upper
82	100		
128	42.6	32.2	48.2
54	41.2	34.2	51.2



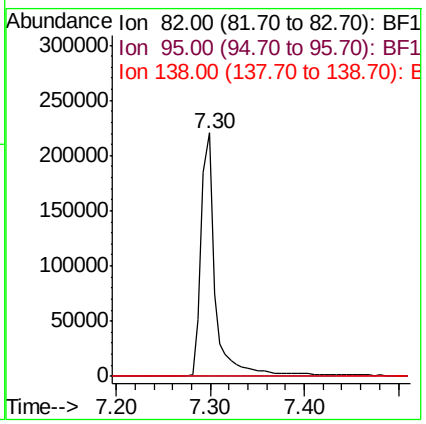


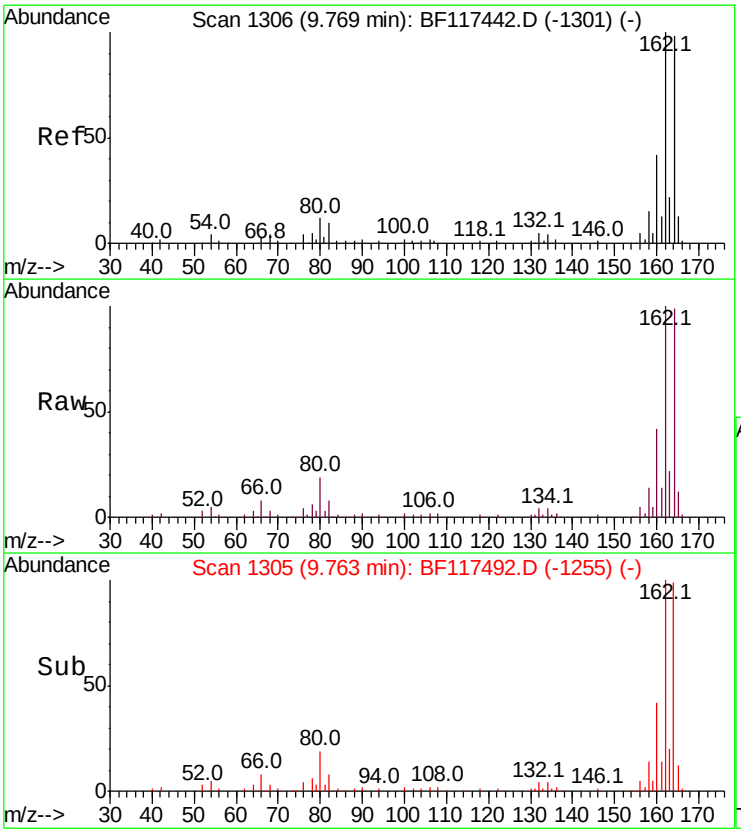
#25
Isophorone
Concen: 38.439 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.26 min
Lab File: BF117492.D
Acq: 23 Oct 2019 19:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 236902

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	14.2	21.2#

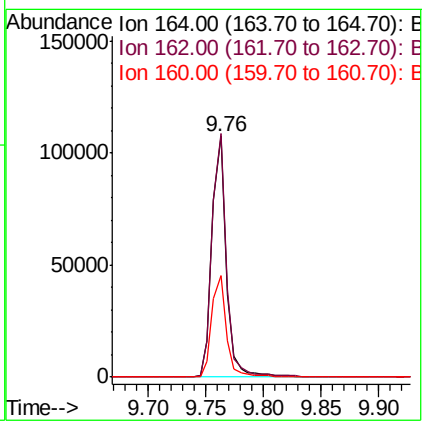


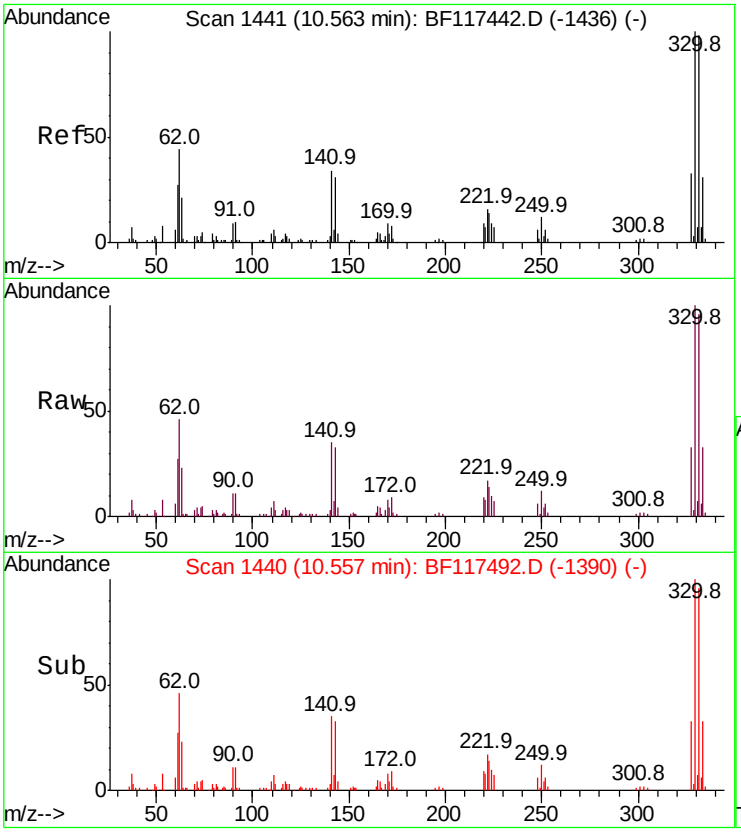


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF117492.D
Acq: 23 Oct 2019 19:24

Tgt Ion:164 Resp: 93139

Ion	Ratio	Lower	Upper
164	100		
162	101.1	81.8	122.6
160	42.1	34.4	51.6



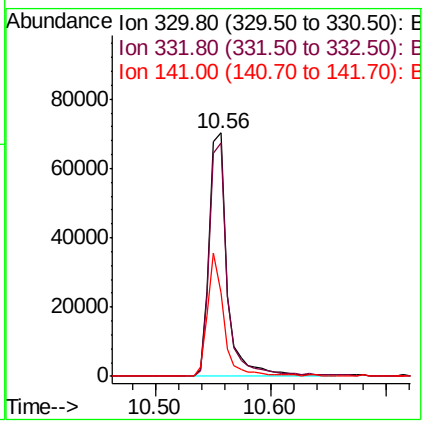


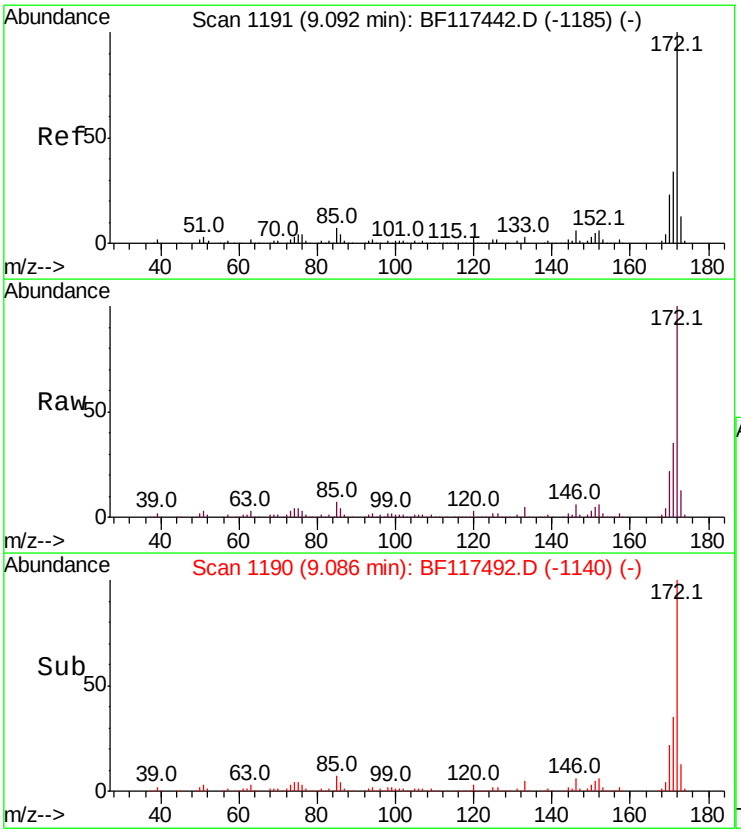
#42
2,4,6-Tribromophenol
Concen: 95.387 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF117492.D
Acq: 23 Oct 2019 19:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 76872

Ion	Ratio	Lower	Upper
330	100		
332	95.9	78.5	117.7
141	45.2	37.0	55.6

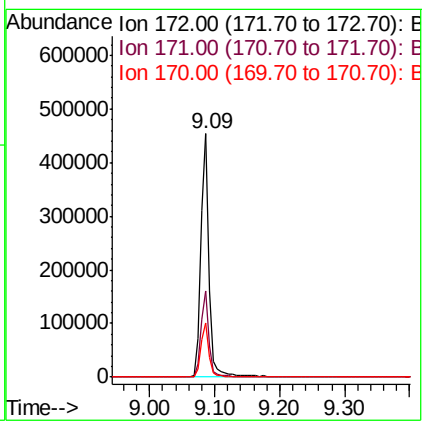


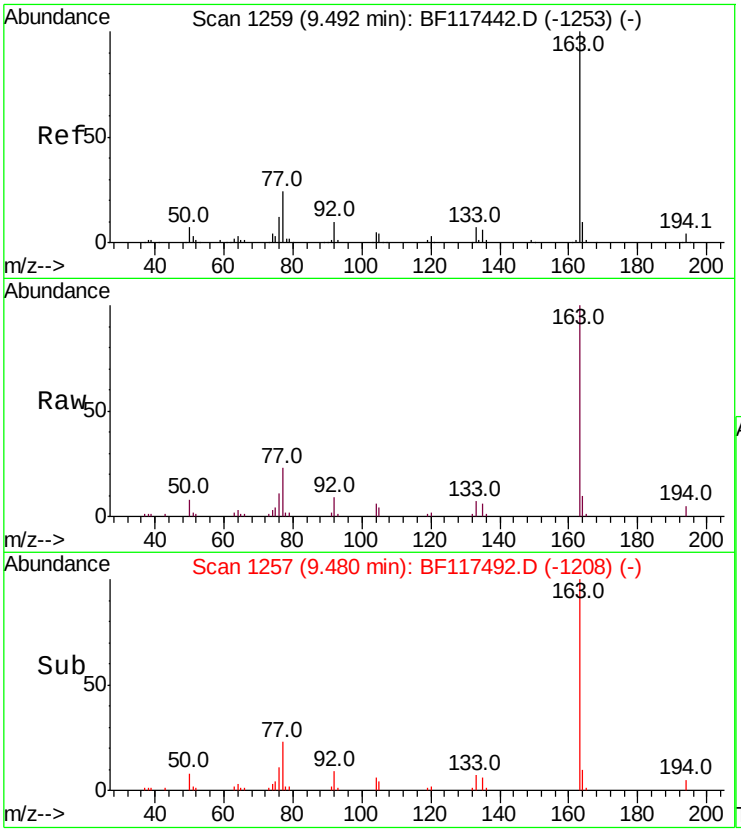


#45
2-Fluorobiphenyl
Concen: 59.294 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF117492.D
Acq: 23 Oct 2019 19:24

Tgt Ion:172 Resp: 391953

Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.5	41.3
170	22.3	18.6	27.8



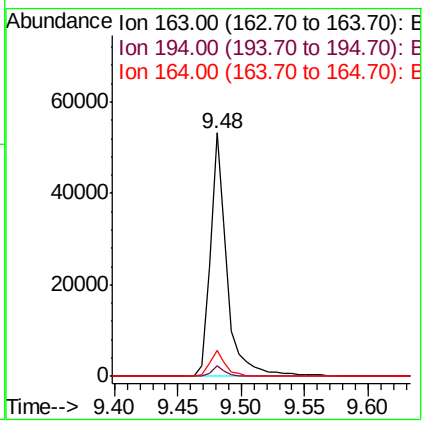


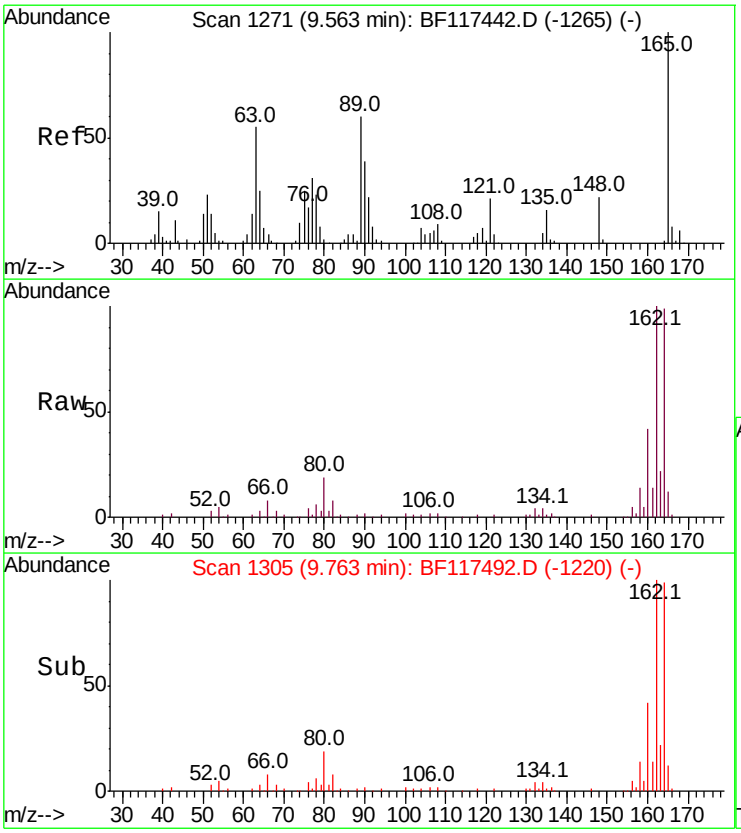
#50
Dimethylphthalate
Concen: 7.417 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF117492.D
Acq: 23 Oct 2019 19:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 49245

Ion	Ratio	Lower	Upper
163	100		
194	4.5	2.9	4.3#
164	10.5	8.2	12.2

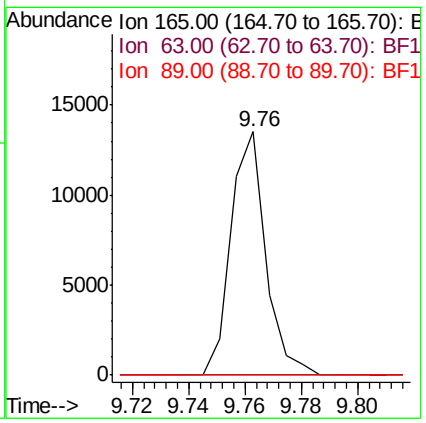


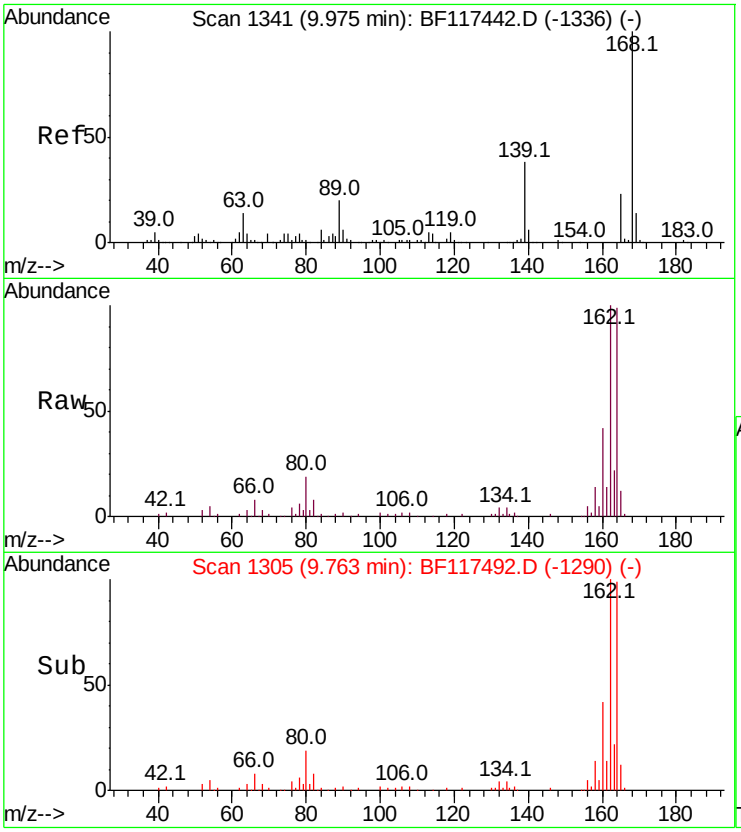


#51
2,6-Dinitrotoluene
Concen: 8.348 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.20 min
Lab File: BF117492.D
Acq: 23 Oct 2019 19:24

Tgt Ion:165 Resp: 11567

Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.8	65.8#
89	0.0	47.6	71.4#



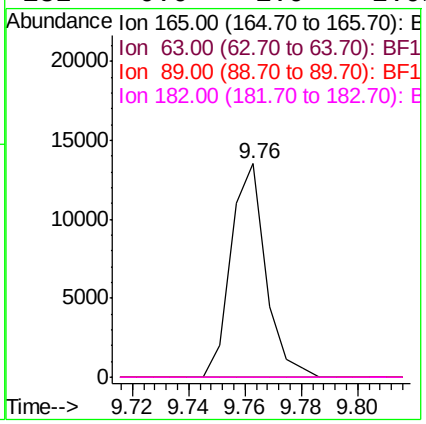


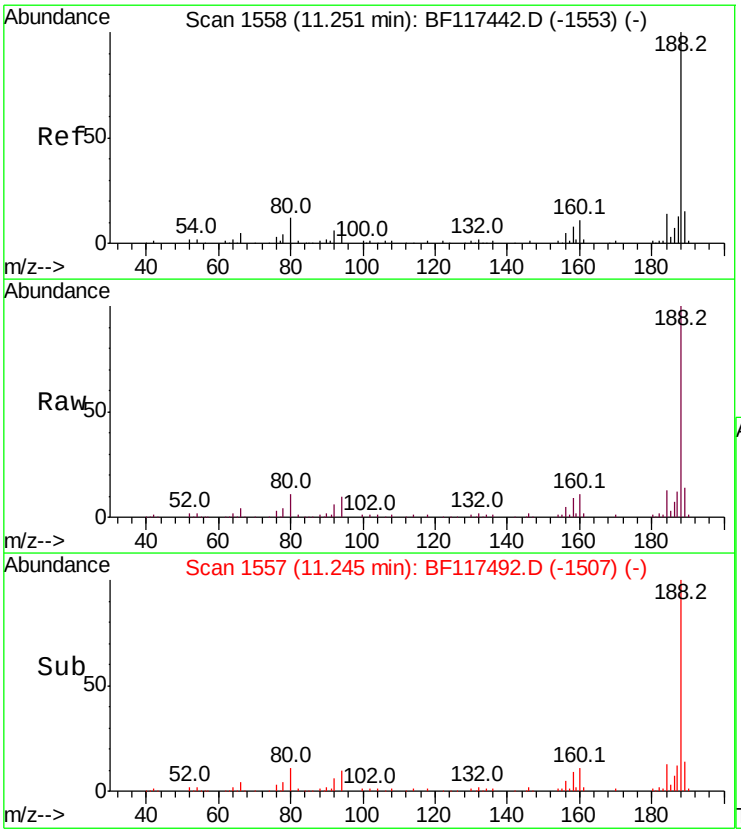
#57
2,4-Dinitrotoluene
Concen: 6.279 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.21 min
Lab File: BF117492.D
Acq: 23 Oct 2019 19:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 11567

Ion	Ratio	Lower	Upper
165	100		
63	0.0	51.4	77.0#
89	0.0	69.9	104.9#
182	0.0	1.9	2.9#

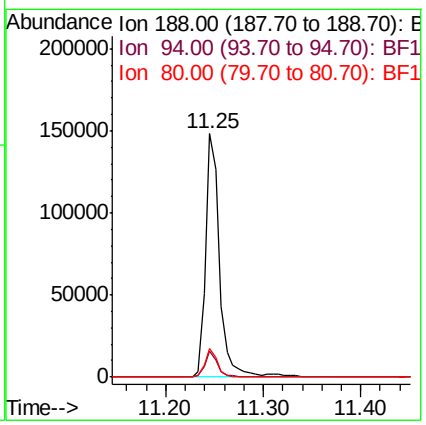


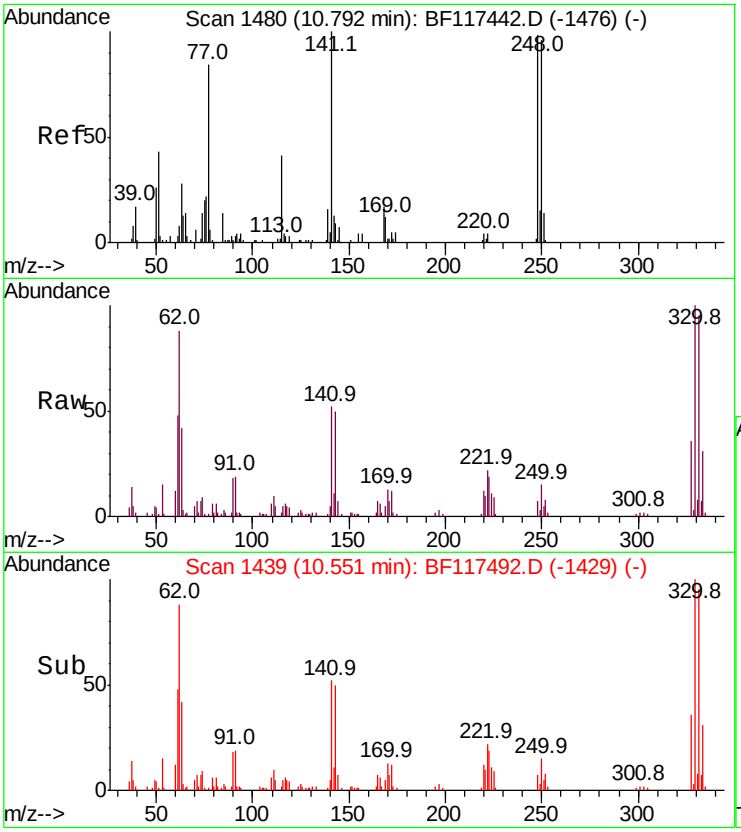


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF117492.D
Acq: 23 Oct 2019 19:24

Tgt Ion:188 Resp: 148447

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.0	12.0
80	11.5	9.5	14.3



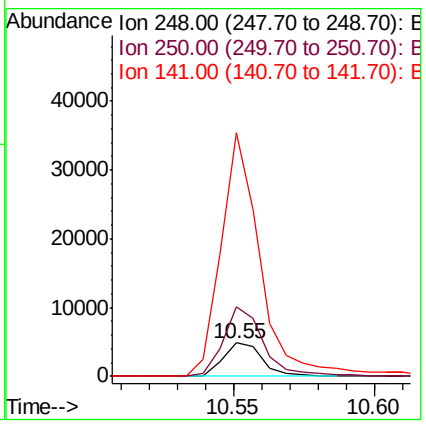


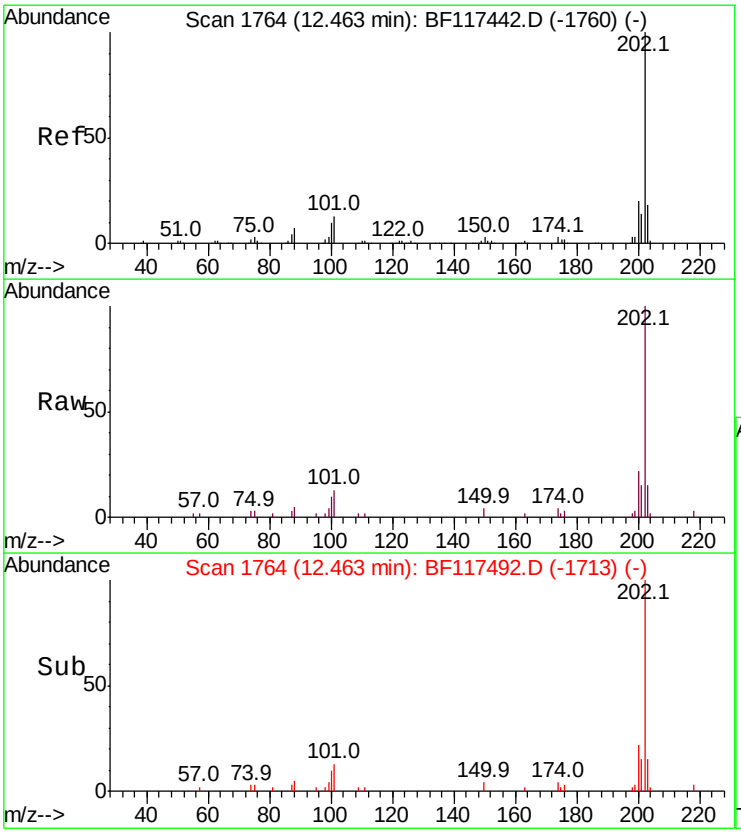
#67
4-Bromophenyl-phenylether
Concen: 2.936 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF117492.D
Acq: 23 Oct 2019 19:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 4694

Ion	Ratio	Lower	Upper
248	100		
250	206.6	78.0	117.0#
141	729.2	81.7	122.5#

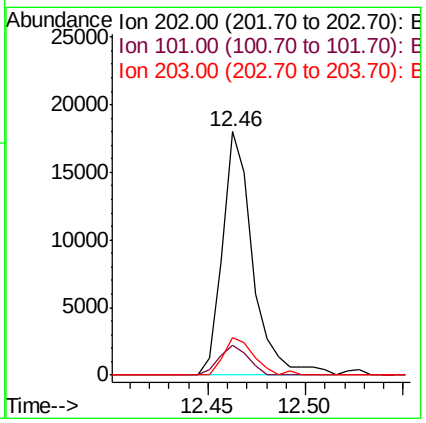


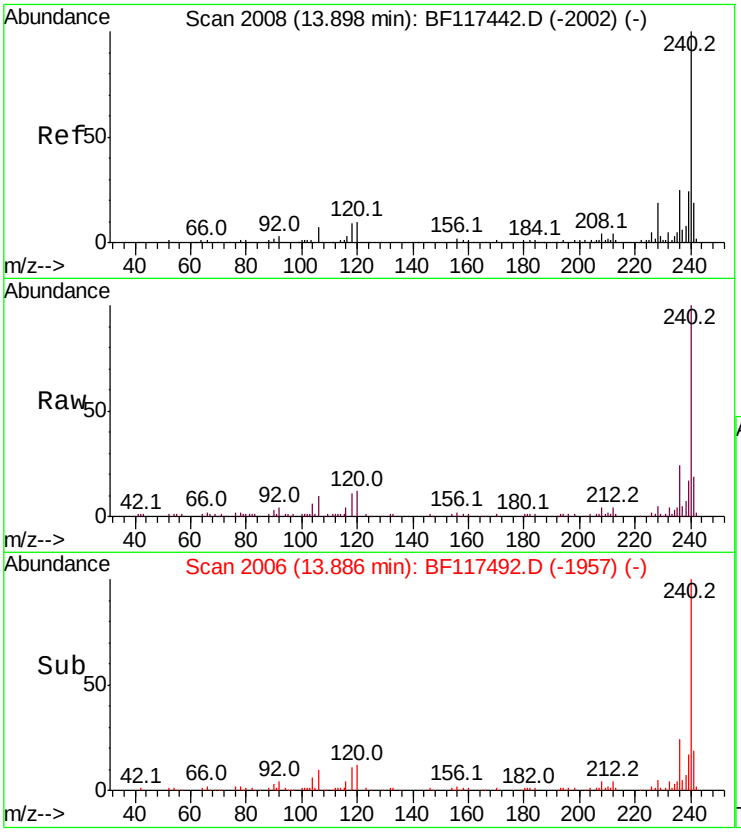


#75
Fluoranthene
Concen: 2.248 ng
RT: 12.46 min Scan# 1764
Delta R.T. -0.00 min
Lab File: BF117492.D
Acq: 23 Oct 2019 19:24

Tgt Ion:202 Resp: 19394

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	32.7
203	15.4	0.0	37.6



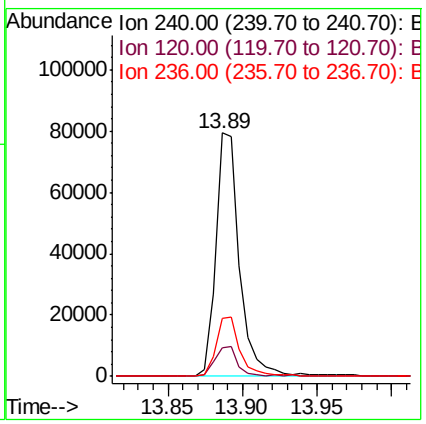


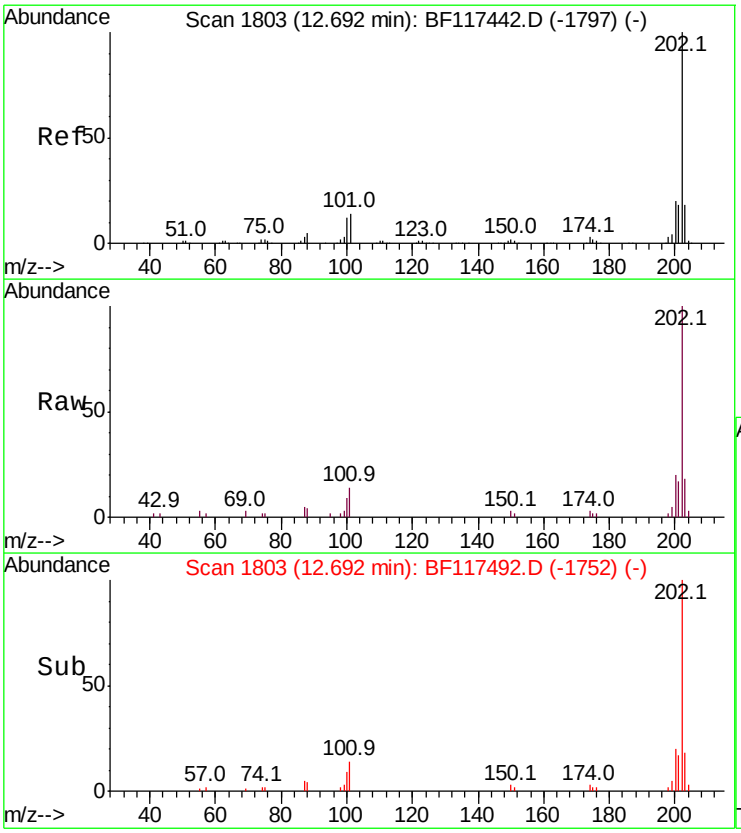
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF117492.D
Acq: 23 Oct 2019 19:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 88681

Ion	Ratio	Lower	Upper
240	100		
120	11.7	8.4	12.6
236	23.9	20.0	30.0

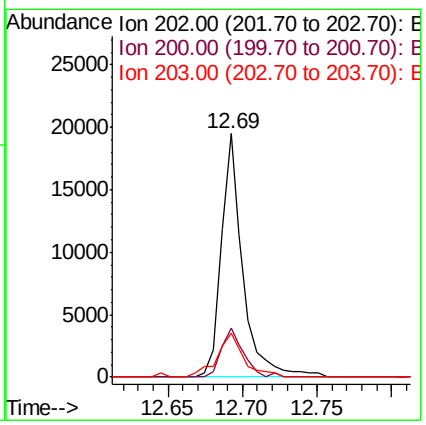


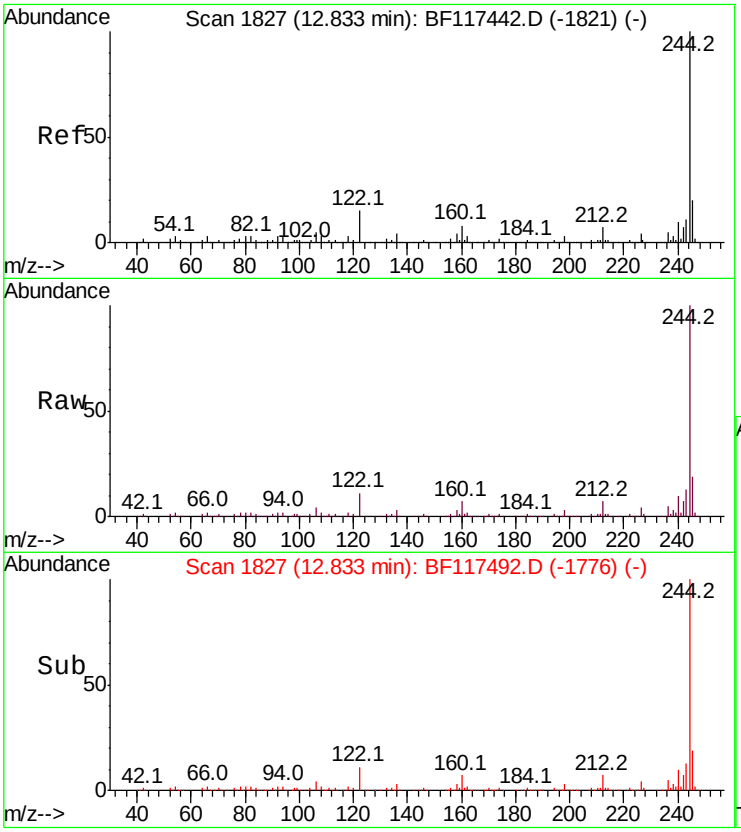


#78
Pyrene
Concen: 2.601 ng
RT: 12.69 min Scan# 1803
Delta R.T. -0.00 min
Lab File: BF117492.D
Acq: 23 Oct 2019 19:24

Tgt Ion:202 Resp: 19813

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.2	24.2
203	18.3	14.0	21.0



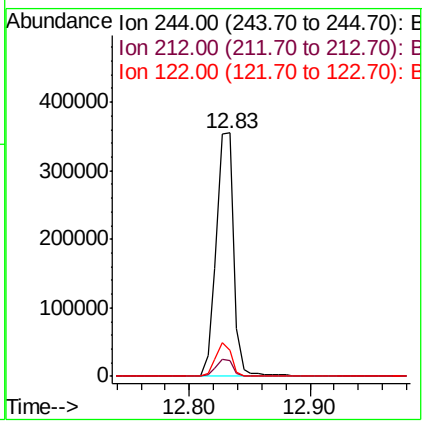


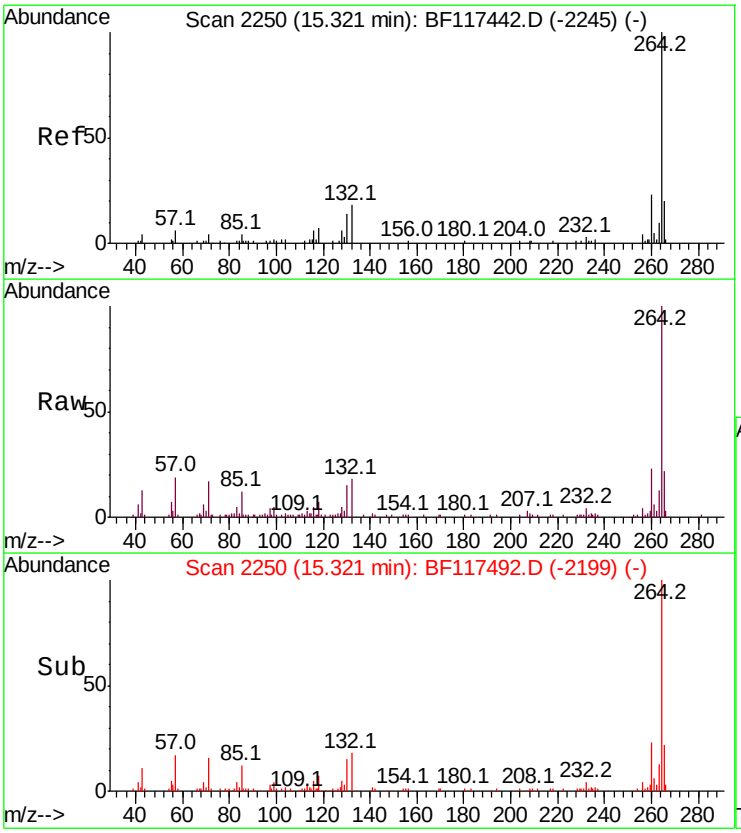
#79
Terphenyl-d14
Concen: 65.174 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BF117492.D
Acq: 23 Oct 2019 19:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 354342

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.8	8.6
122	10.6	11.8	17.8#

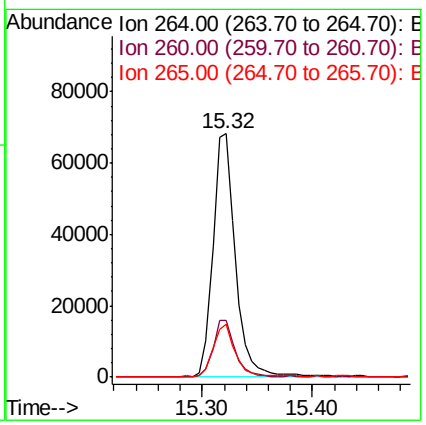


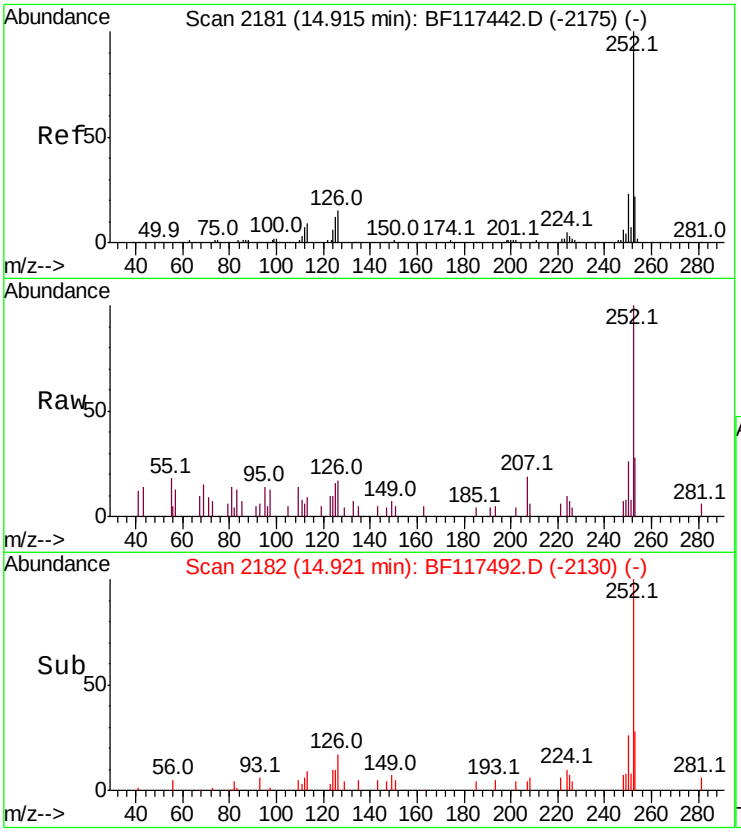


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.00 min
Lab File: BF117492.D
Acq: 23 Oct 2019 19:24

Tgt Ion:264 Resp: 96073

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.4	27.6
265	21.8	16.1	24.1



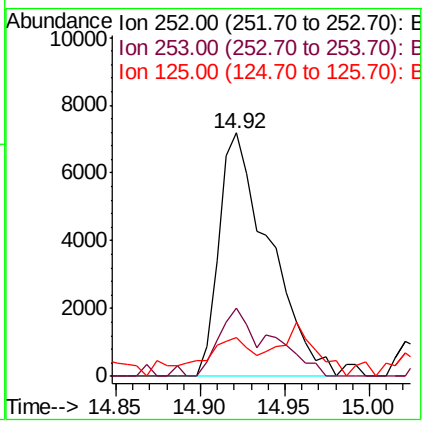


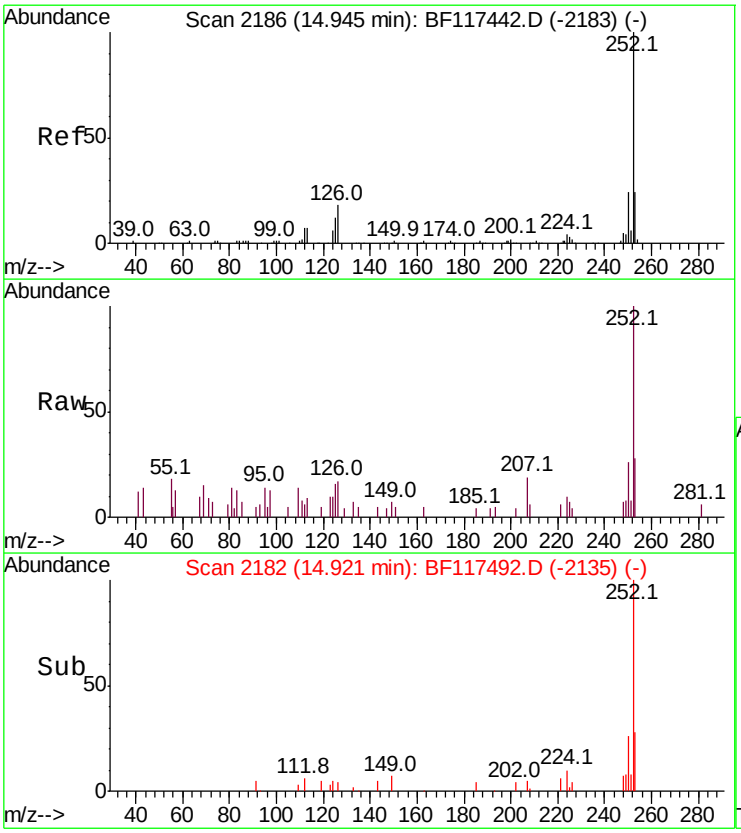
#88
Benzo(b)fluoranthene
Concen: 2.631 ng
RT: 14.92 min Scan# 2182
Delta R.T. 0.01 min
Lab File: BF117492.D
Acq: 23 Oct 2019 19:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 14929

Ion	Ratio	Lower	Upper
252	100		
253	28.0	17.8	26.6#
125	16.1	9.9	14.9#





#89
Benzo(k)fluoranthene
Concen: 2.567 ng
RT: 14.92 min Scan# 2182
Delta R.T. -0.02 min
Lab File: BF117492.D
Acq: 23 Oct 2019 19:24

Tgt Ion:252 Resp: 14929

Ion	Ratio	Lower	Upper
252	100		
253	28.0	18.0	27.0#
125	16.1	8.9	13.3#