Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121719\
Data File : BF118237.D
Acq On : 17 Dec 2019 20:19
Operator : JU
Sample : K6328-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 18 05:05:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 17:34:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	134706	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	509314	20.00	ng	-0.01
39) Acenaphthene-d10	9.91	164	247038	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	377207	20.00	ng	0.00
76) Chrysene-d12	14.06	240	262997	20.00	ng	-0.01
87) Perylene-d12	15.56	264	231548	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	621832	80.85	ng	0.00
7) Phenol-d6	6.49	99	991721	106.61	ng	0.00
23) Nitrobenzene-d5	7.43	82	603549	66.67	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	132145	44.03	ng	-0.02
45) 2-Fluorobiphenyl	9.23	172	1180907	72.74	ng	-0.01
79) Terphenyl-d14	12.99	244	934193	61.08	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.50	77	1608	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.43	70	87217	15.429	ng	# 78
25) Isophorone	7.43	82	603543	39.326	ng	# 62
50) Dimethylphthalate	9.62	163	54713	2.998	ng	99
57) 2,4-Dinitrotoluene	9.91	165	32085	6.058	ng	# 25
75) Fluoranthene	12.62	202	64196	3.131	ng	96
78) Pyrene	12.85	202	47880	2.310	ng	99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121719\
Data File : BF118237.D
Acq On : 17 Dec 2019 20:19
Operator : JU
Sample : K6328-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 18 05:05:27 2019
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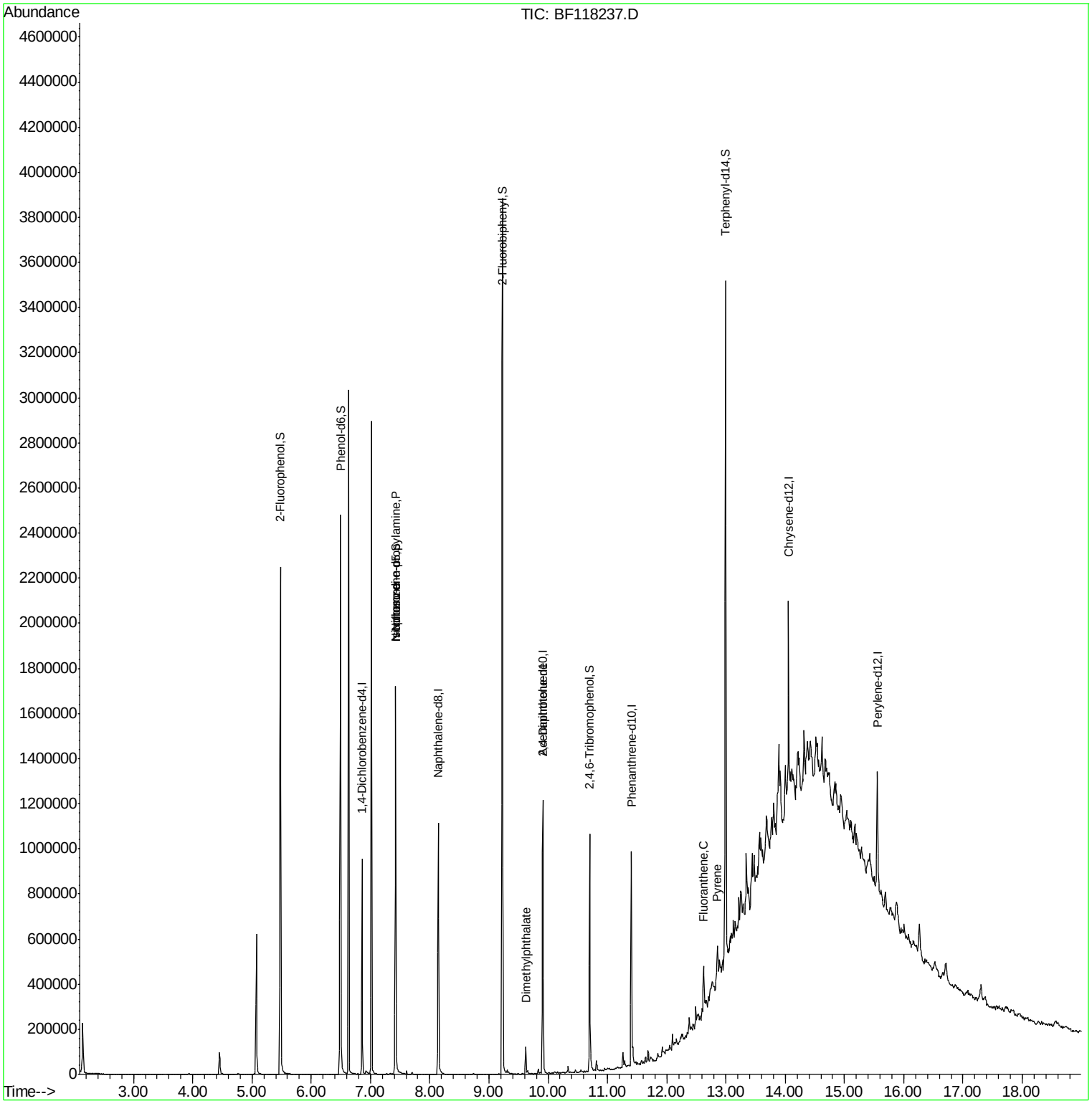
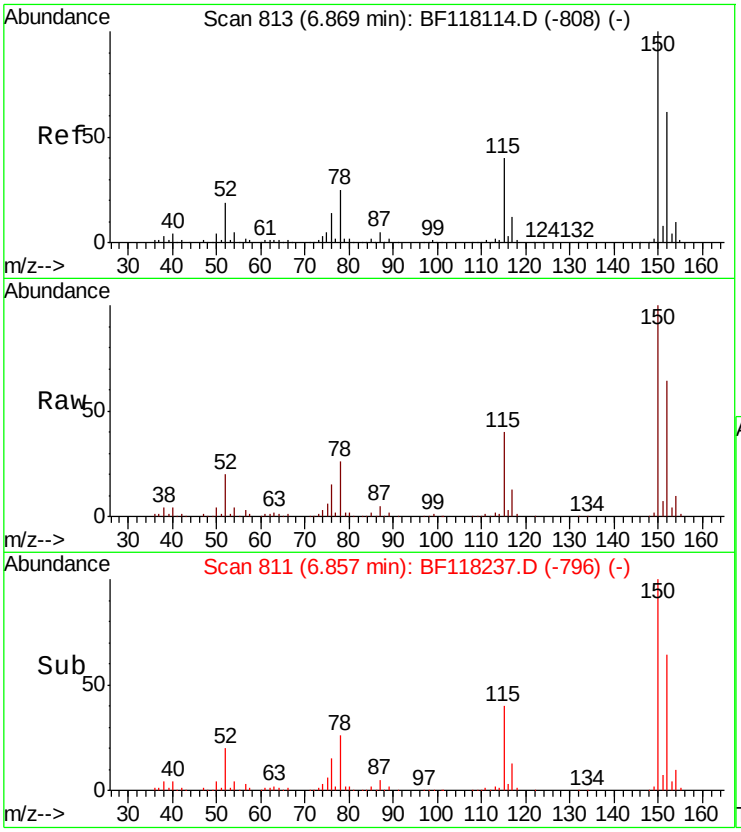
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 17:34:43 2019
Response via : Initial Calibration



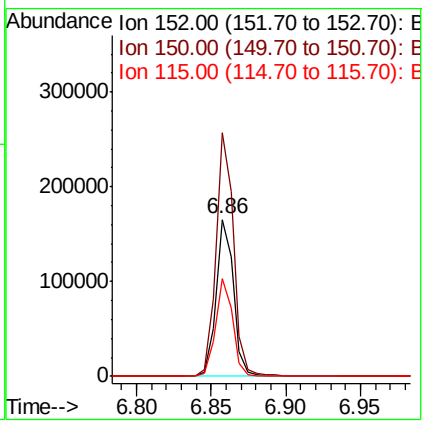


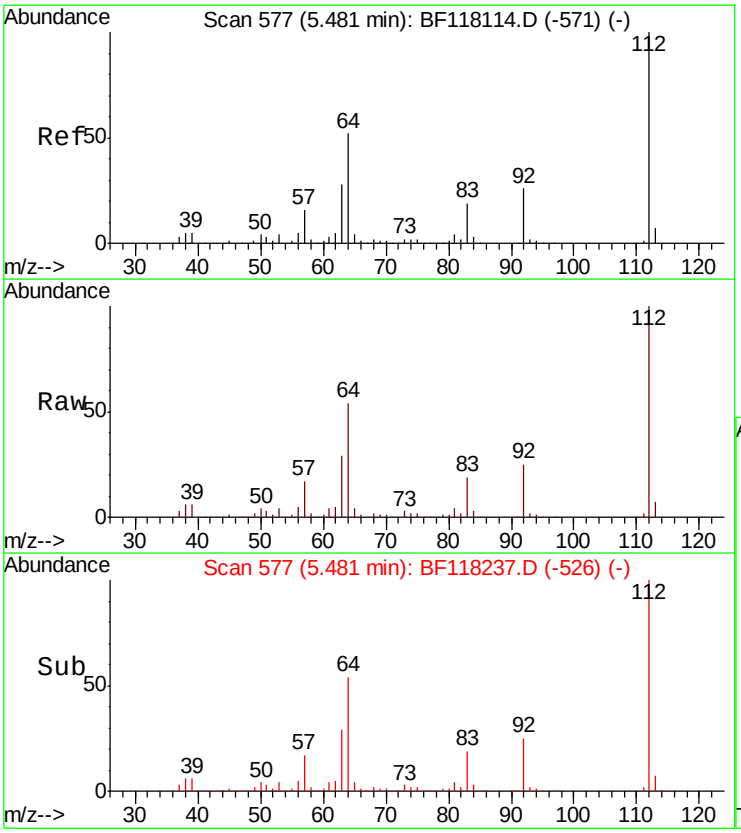
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF118237.D
Acq: 17 Dec 2019 20:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 134706

Ion	Ratio	Lower	Upper
152	100		
150	155.2	128.3	192.5
115	62.4	51.1	76.7

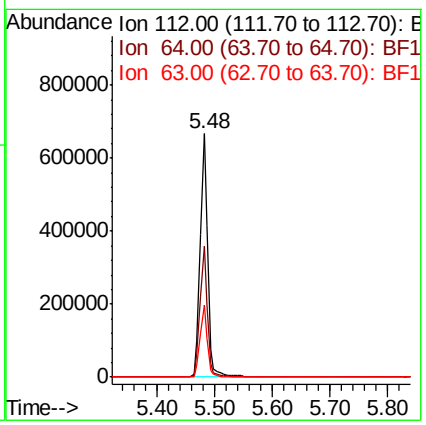


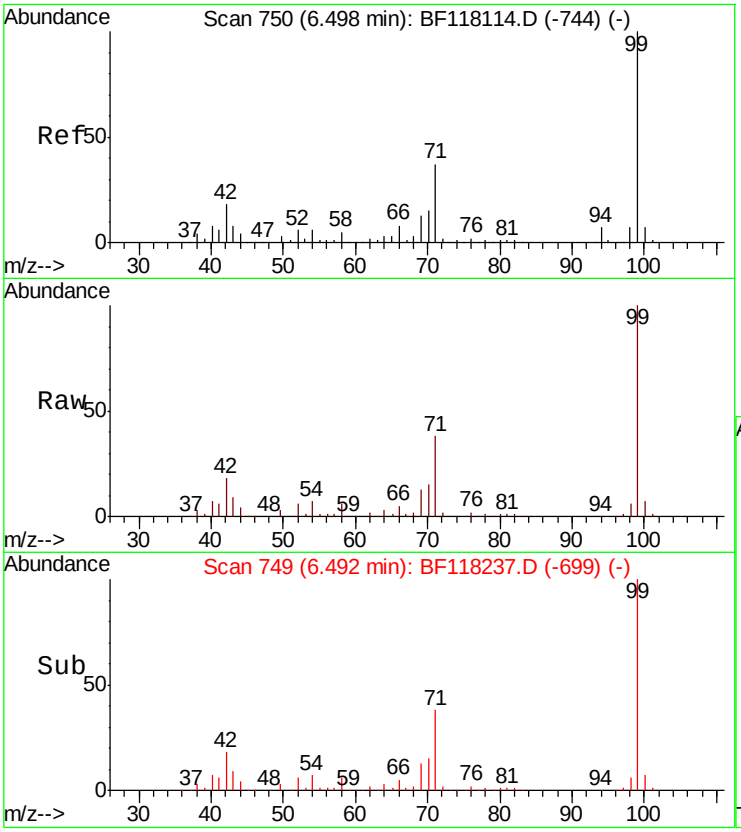


#5
2-Fluorophenol
Concen: 80.851 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.00 min
Lab File: BF118237.D
Acq: 17 Dec 2019 20:19

Tgt Ion:112 Resp: 621832

Ion	Ratio	Lower	Upper
112	100		
64	53.6	41.3	61.9
63	29.4	22.4	33.6



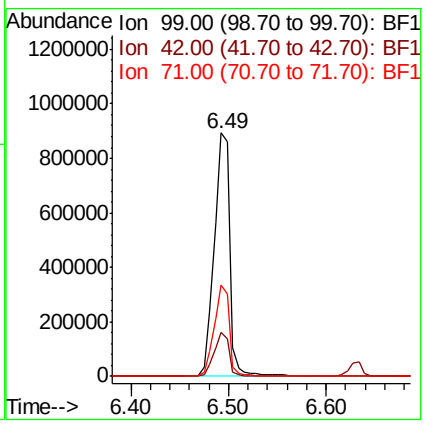


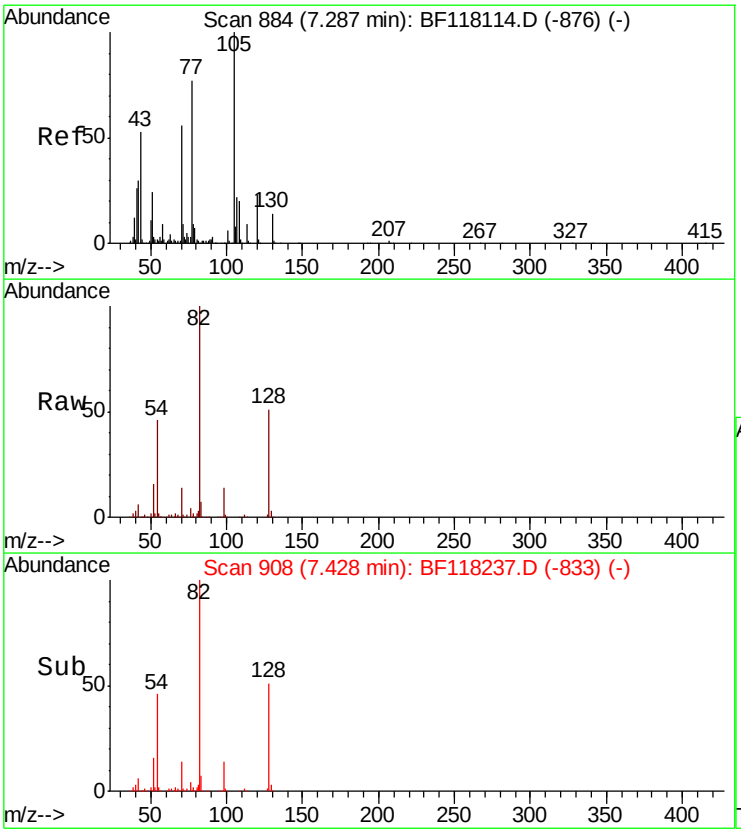
#7
Phenol-d6
Concen: 106.607 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF118237.D
Acq: 17 Dec 2019 20:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 991721

Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.1	21.1
71	37.7	29.7	44.5

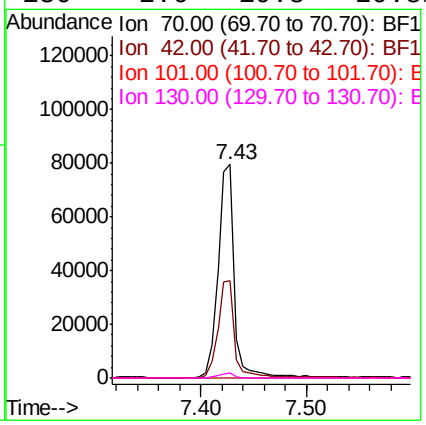


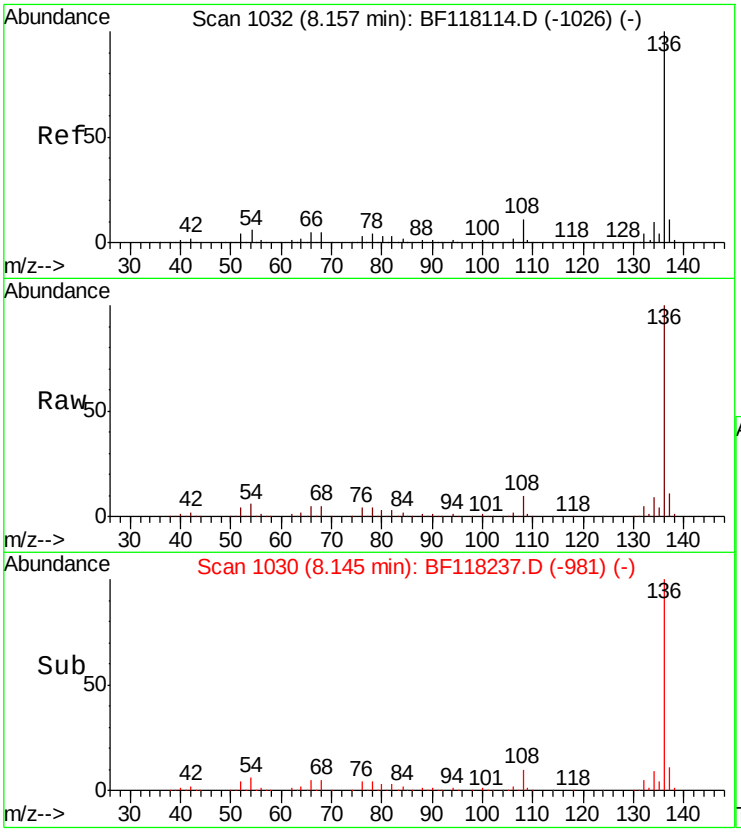


#19
n-Nitroso-di-n-propylamine
Concen: 15.429 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.14 min
Lab File: BF118237.D
Acq: 17 Dec 2019 20:19

Tgt Ion: 70 Resp: 87217

Ion	Ratio	Lower	Upper
70	100		
42	45.7	43.2	64.8
101	0.0	8.1	12.1#
130	2.6	19.8	29.8#



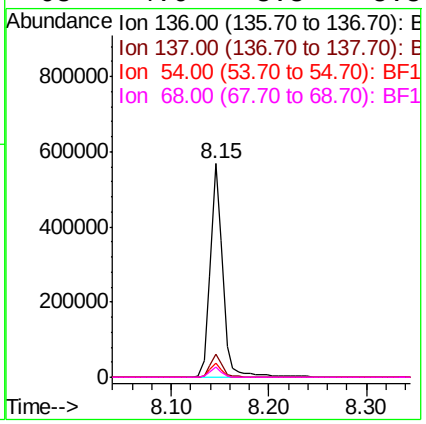


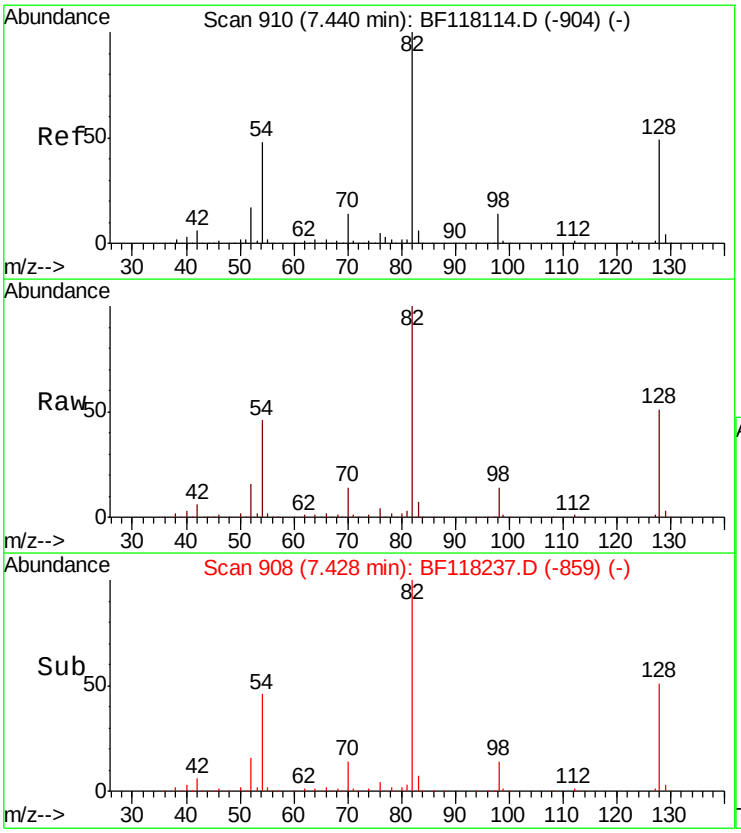
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF118237.D
Acq: 17 Dec 2019 20:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 509314

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	6.4	5.0	7.6
68	4.6	3.8	5.8

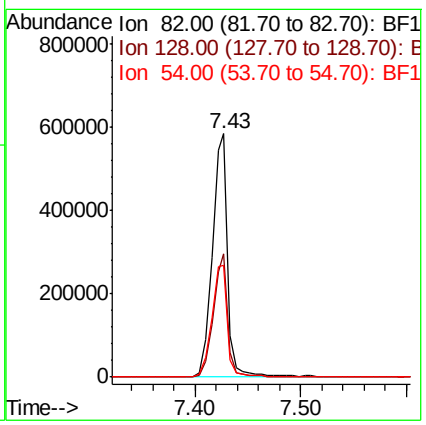


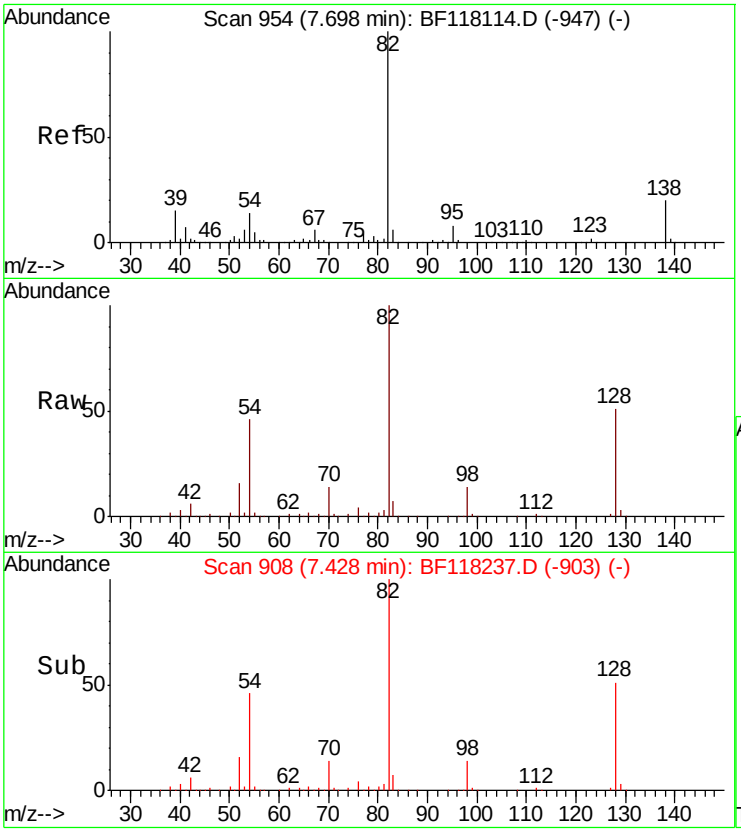


#23
Nitrobenzene-d5
Concen: 66.667 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF118237.D
Acq: 17 Dec 2019 20:19

Tgt Ion: 82 Resp: 603549

Ion	Ratio	Lower	Upper
82	100		
128	50.7	39.1	58.7
54	46.0	38.2	57.2



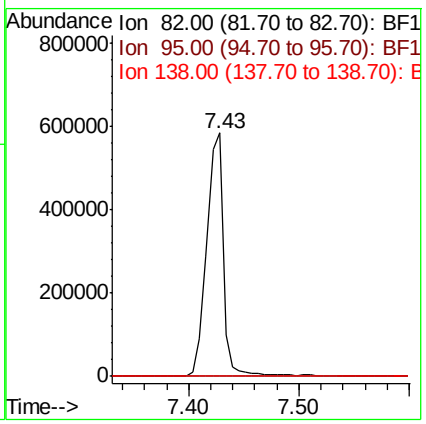


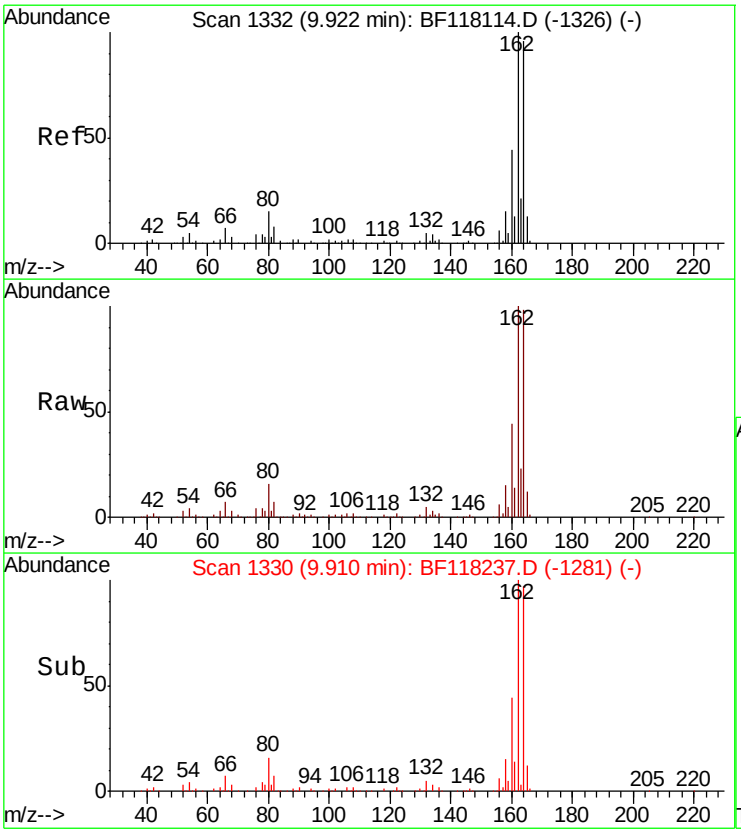
#25
Isophorone
Concen: 39.326 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.27 min
Lab File: BF118237.D
Acq: 17 Dec 2019 20:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 603543

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.3	9.5#
138	0.0	16.3	24.5#

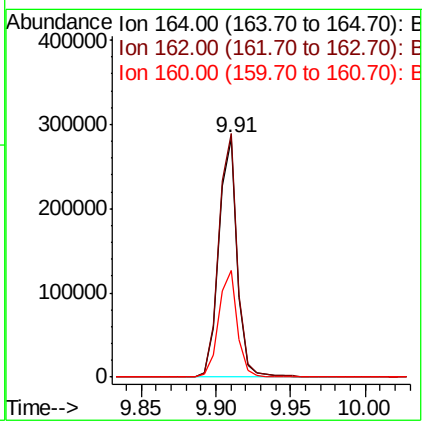


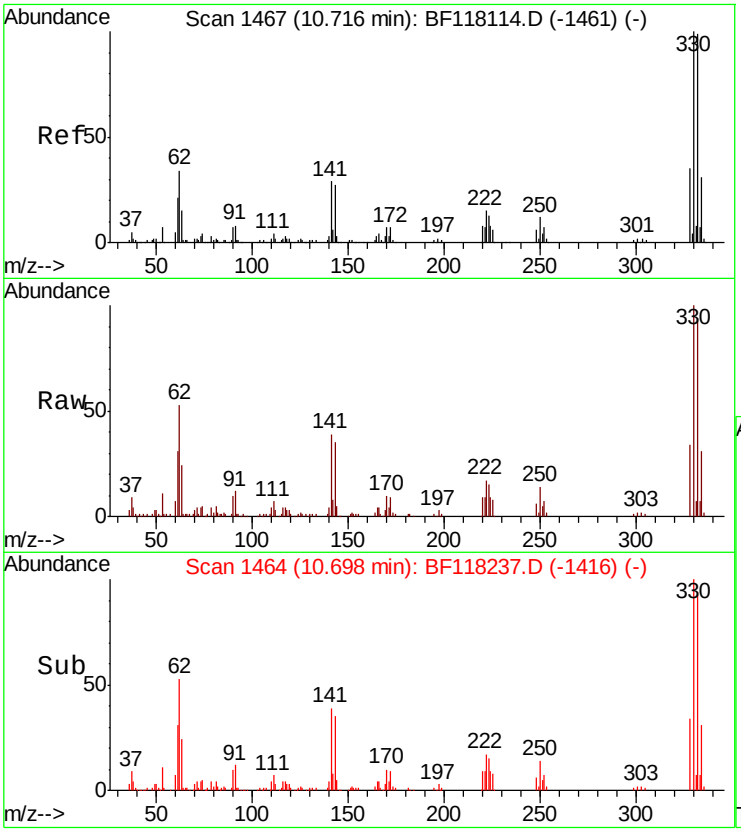


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF118237.D
Acq: 17 Dec 2019 20:19

Tgt Ion:164 Resp: 247038

Ion	Ratio	Lower	Upper
164	100		
162	101.8	83.4	125.0
160	44.6	36.6	54.8



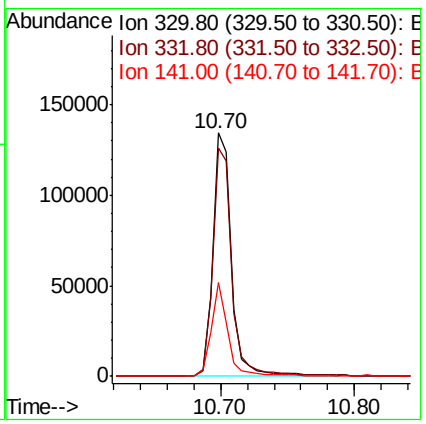


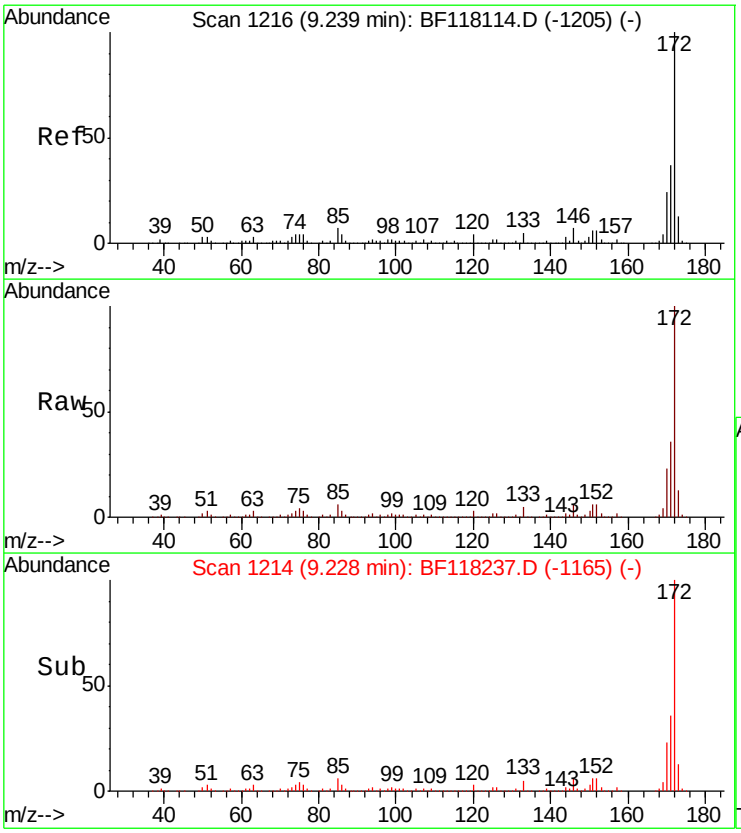
#42
2,4,6-Tribromophenol
Concen: 44.033 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.02 min
Lab File: BF118237.D
Acq: 17 Dec 2019 20:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 132145

Ion	Ratio	Lower	Upper
330	100		
332	96.2	78.1	117.1
141	34.6	26.9	40.3

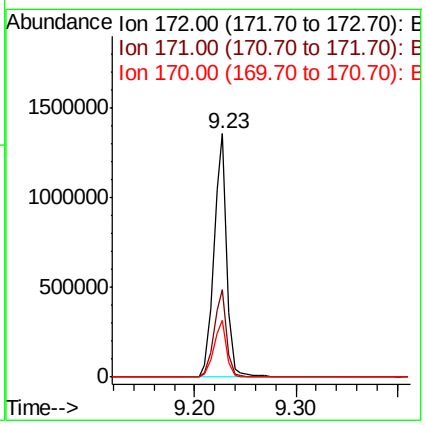


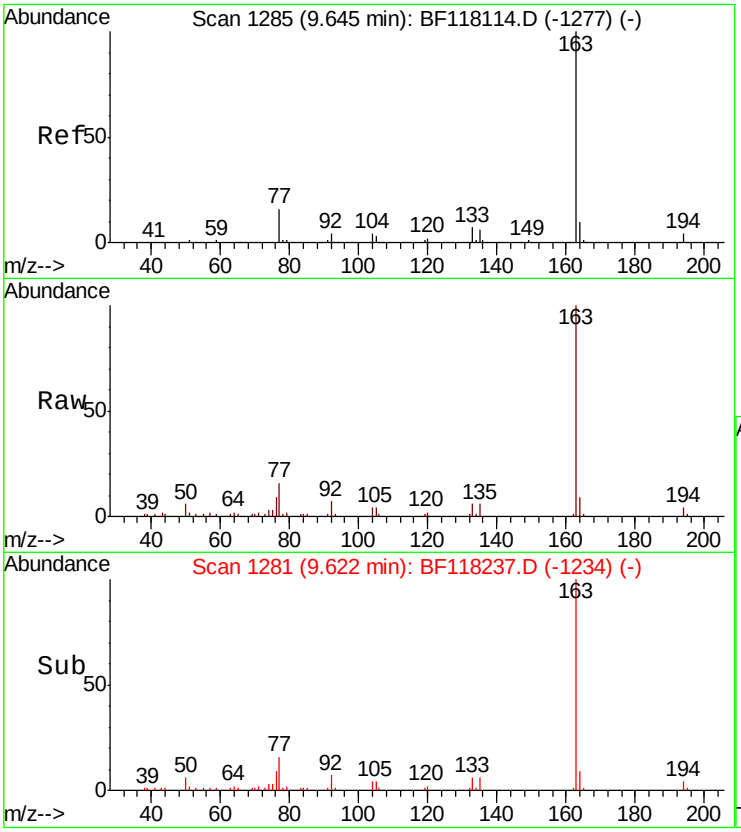


#45
2-Fluorobiphenyl
Concen: 72.739 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF118237.D
Acq: 17 Dec 2019 20:19

Tgt Ion:172 Resp: 1180907

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.2	43.8
170	23.5	19.4	29.2



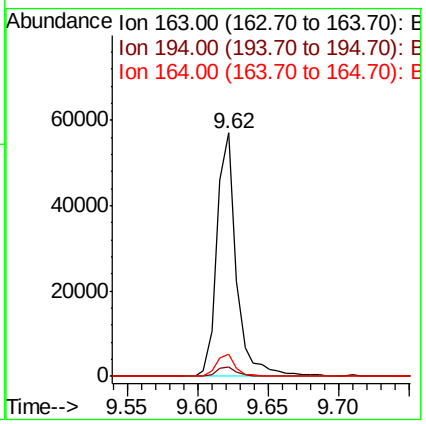


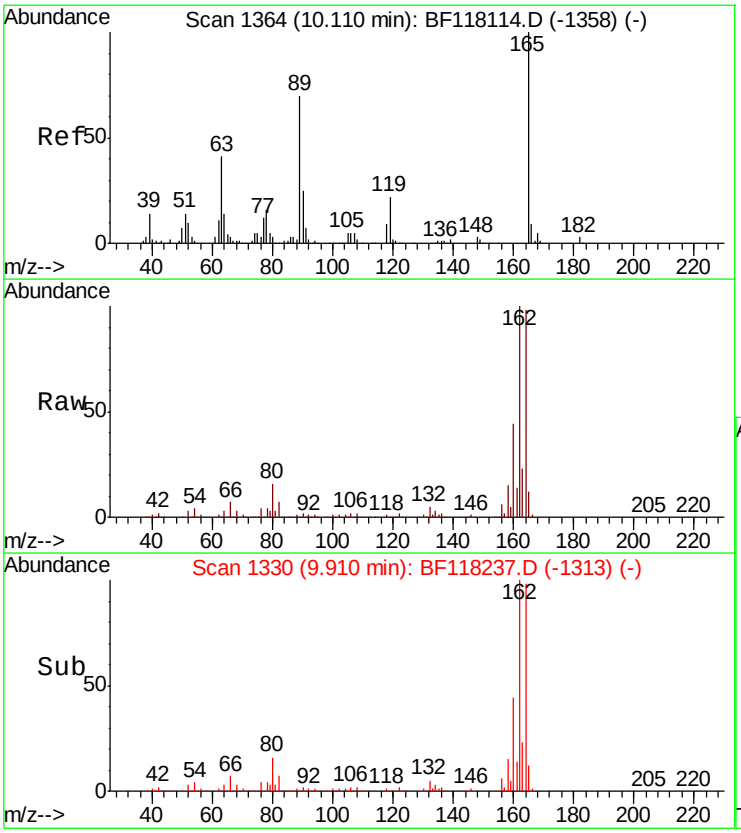
#50
Dimethylphthalate
Concen: 2.998 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF118237.D
Acq: 17 Dec 2019 20:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 54713

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.1	4.7
164	8.9	7.7	11.5

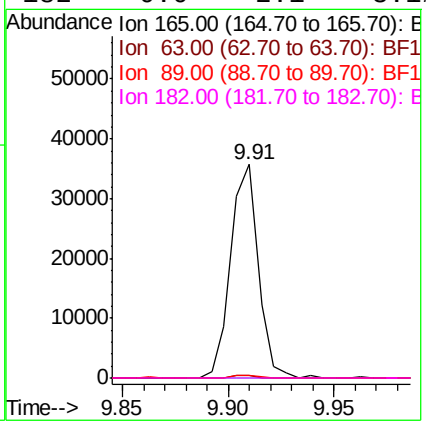


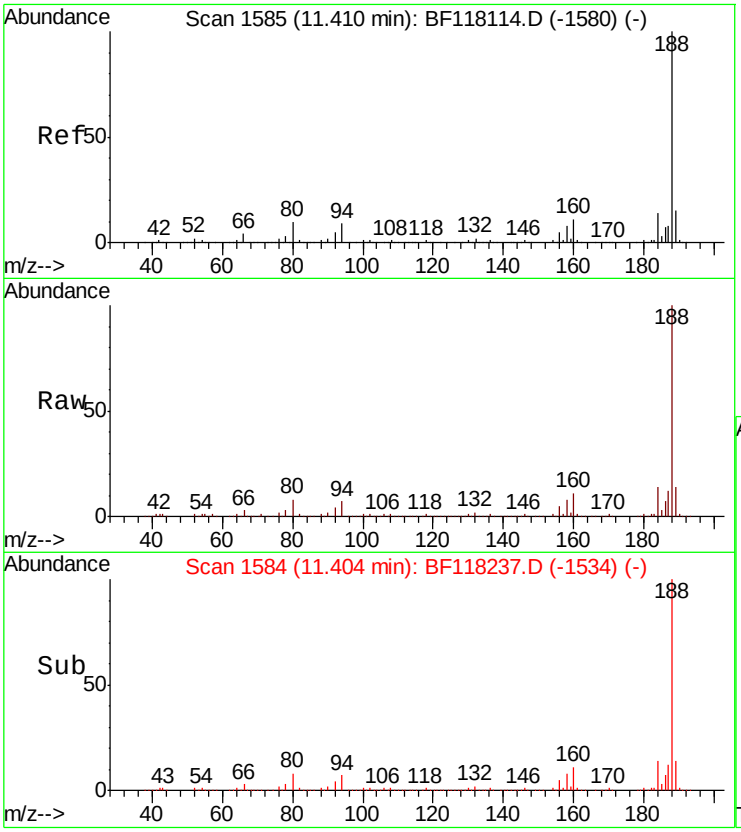


#57
2,4-Dinitrotoluene
Concen: 6.058 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.20 min
Lab File: BF118237.D
Acq: 17 Dec 2019 20:19

Tgt Ion:165 Resp: 32085

Ion	Ratio	Lower	Upper
165	100		
63	1.5	32.6	49.0#
89	1.4	56.1	84.1#
182	0.0	2.1	3.1#



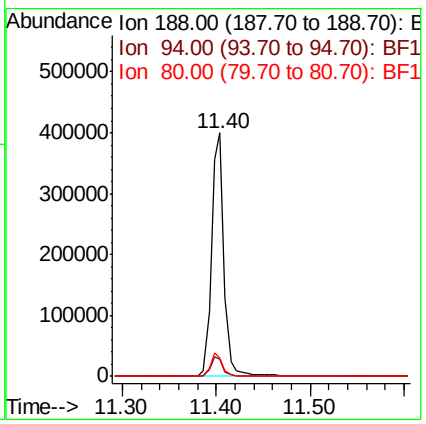


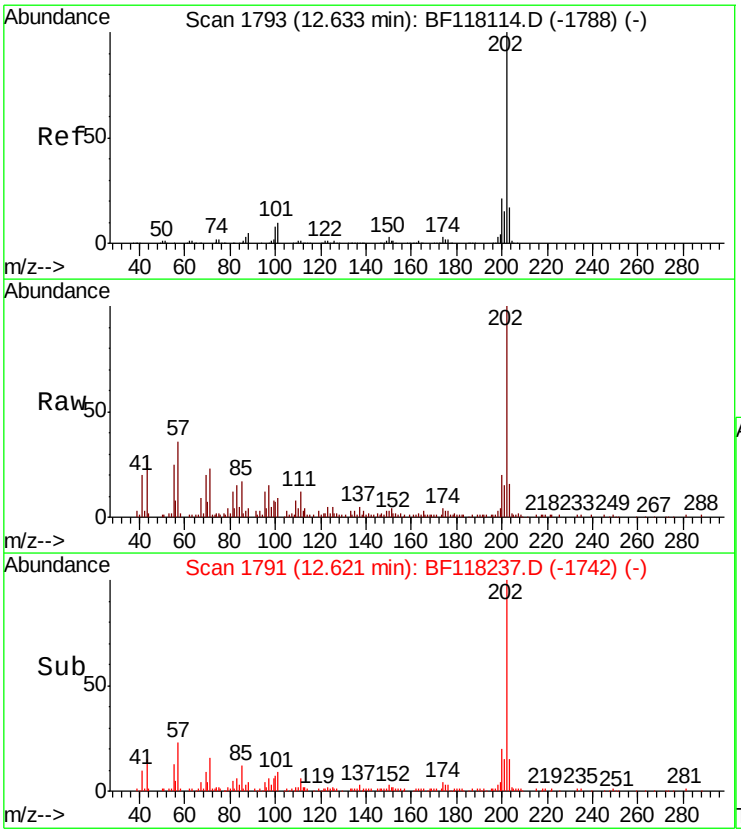
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118237.D
Acq: 17 Dec 2019 20:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 377207

Ion	Ratio	Lower	Upper
188	100		
94	7.2	7.1	10.7
80	7.8	7.9	11.9#

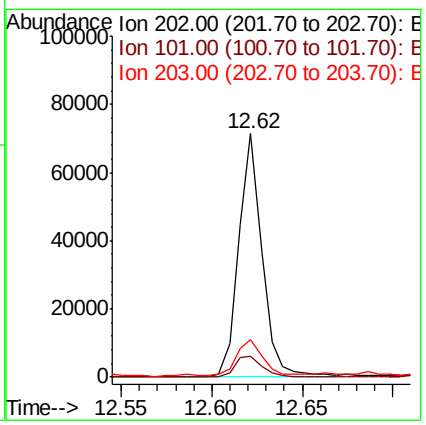


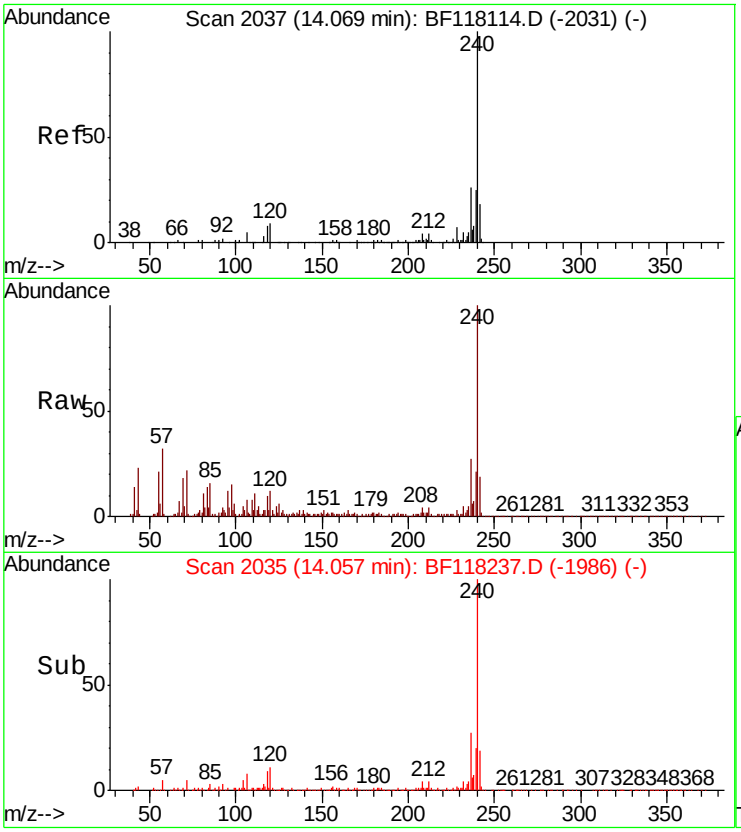


#75
Fluoranthene
Concen: 3.131 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF118237.D
Acq: 17 Dec 2019 20:19

Tgt Ion:202 Resp: 64196

Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	30.4
203	15.6	0.0	37.2



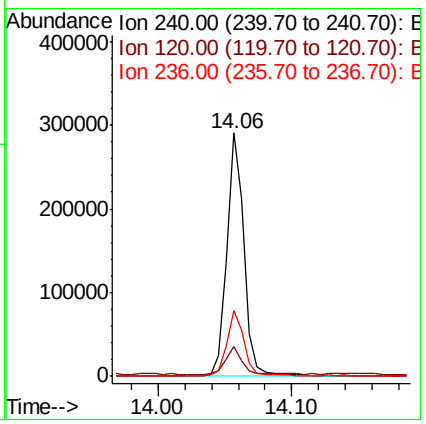


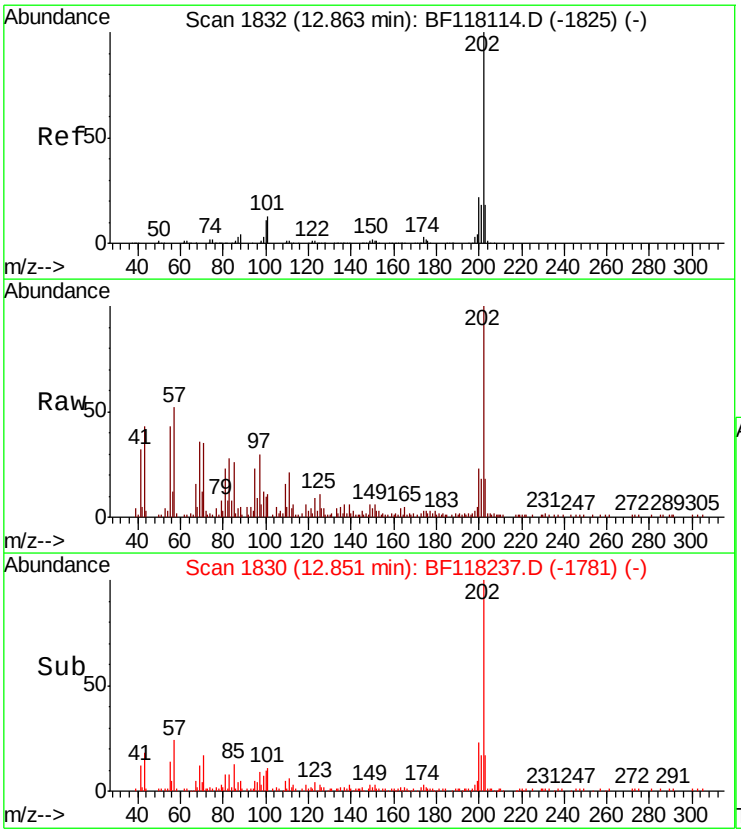
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF118237.D
Acq: 17 Dec 2019 20:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 262997

Ion	Ratio	Lower	Upper
240	100		
120	12.0	7.1	10.7#
236	26.8	21.0	31.6

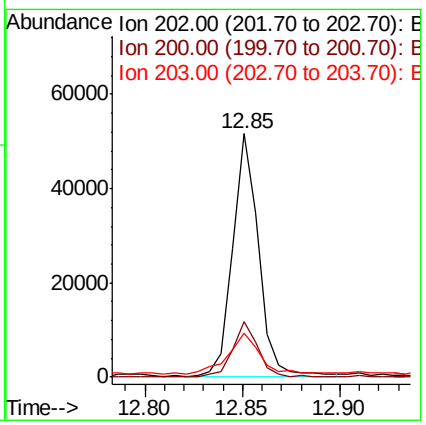


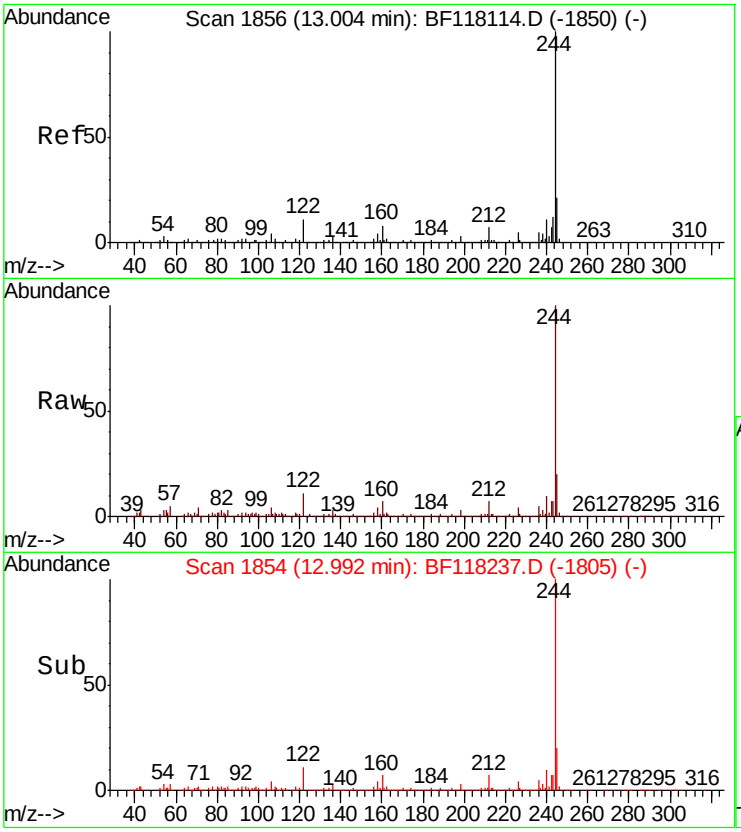


#78
Pyrene
Concen: 2.310 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF118237.D
Acq: 17 Dec 2019 20:19

Tgt Ion:202 Resp: 47880

Ion	Ratio	Lower	Upper
202	100		
200	22.9	17.5	26.3
203	18.3	14.6	21.8



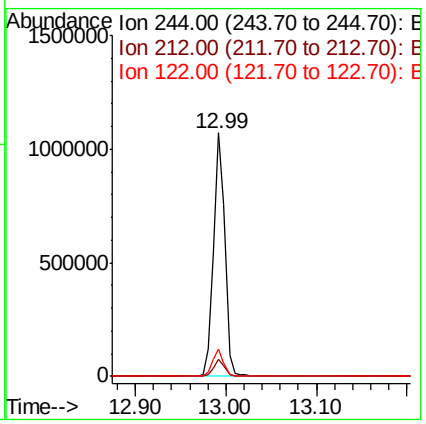


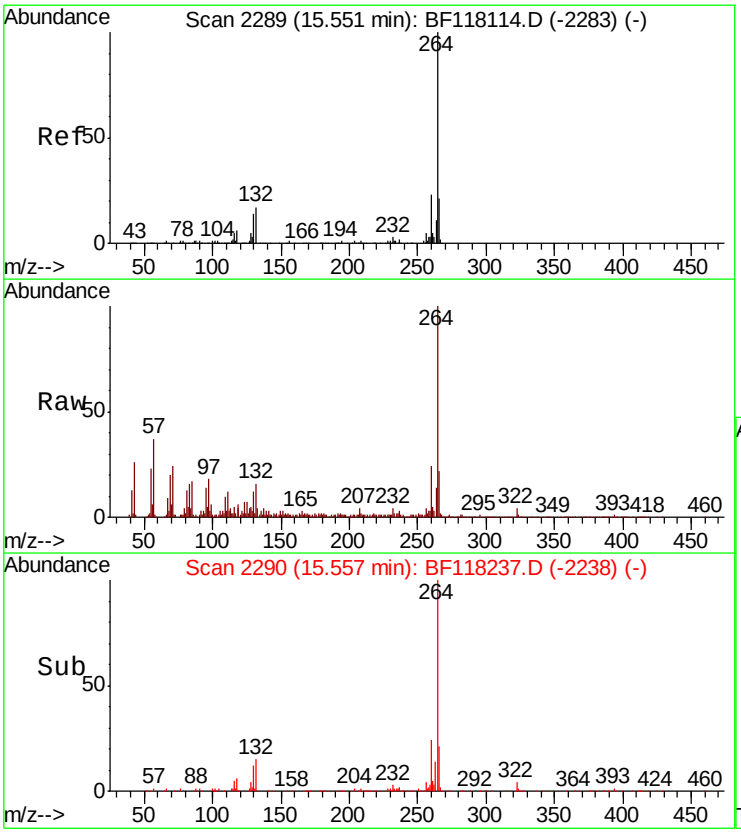
#79
Terphenyl-d14
Concen: 61.083 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF118237.D
Acq: 17 Dec 2019 20:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 934193

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.9	8.9
122	11.4	9.0	13.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. 0.01 min
Lab File: BF118237.D
Acq: 17 Dec 2019 20:19

Tgt Ion:264 Resp: 231548

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.6	28.0
265	21.7	16.8	25.2