Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102319\
Data File : BF117502.D
Acq On : 23 Oct 2019 23:50
Operator : JU
Sample : K5497-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 24 08:26:04 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	44838	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	179573	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	94572	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	152106	20.00	ng		0.00
76) Chrysene-d12	13.89	240	89683	20.00	ng		0.00
87) Perylene-d12	15.32	264	97701	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	322448	106.99	ng		0.00
7) Phenol-d6	6.38	99	449636	111.08	ng		0.00
23) Nitrobenzene-d5	7.30	82	272481	74.91	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	88160	107.74	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	418886	62.41	ng		0.00
79) Terphenyl-d14	12.83	244	344570	62.67	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.38	77	355	Below Cal		#	3
10) Phenol	6.39	94	10668	2.582	ng		89
19) n-Nitroso-di-n-propylamine	7.30	70	36576	14.795	ng	#	78
25) Isophorone	7.30	82	272478	43.302	ng	#	65
50) Dimethylphthalate	9.48	163	43226	6.411	ng		99
51) 2,6-Dinitrotoluene	9.76	165	12062	8.574	ng	#	22
57) 2,4-Dinitrotoluene	9.76	165	12062	6.449	ng	#	12
67) 4-Bromophenyl-phenylether	10.56	248	5301	3.236	ng	#	1
75) Fluoranthene	12.46	202	17900	2.024	ng		98
77) Benzidine	12.83	184	4736	Below Cal			97
78) Pyrene	12.69	202	15576	2.022	ng		97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102319\
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Acq On : 23 Oct 2019 23:50
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 24 08:26:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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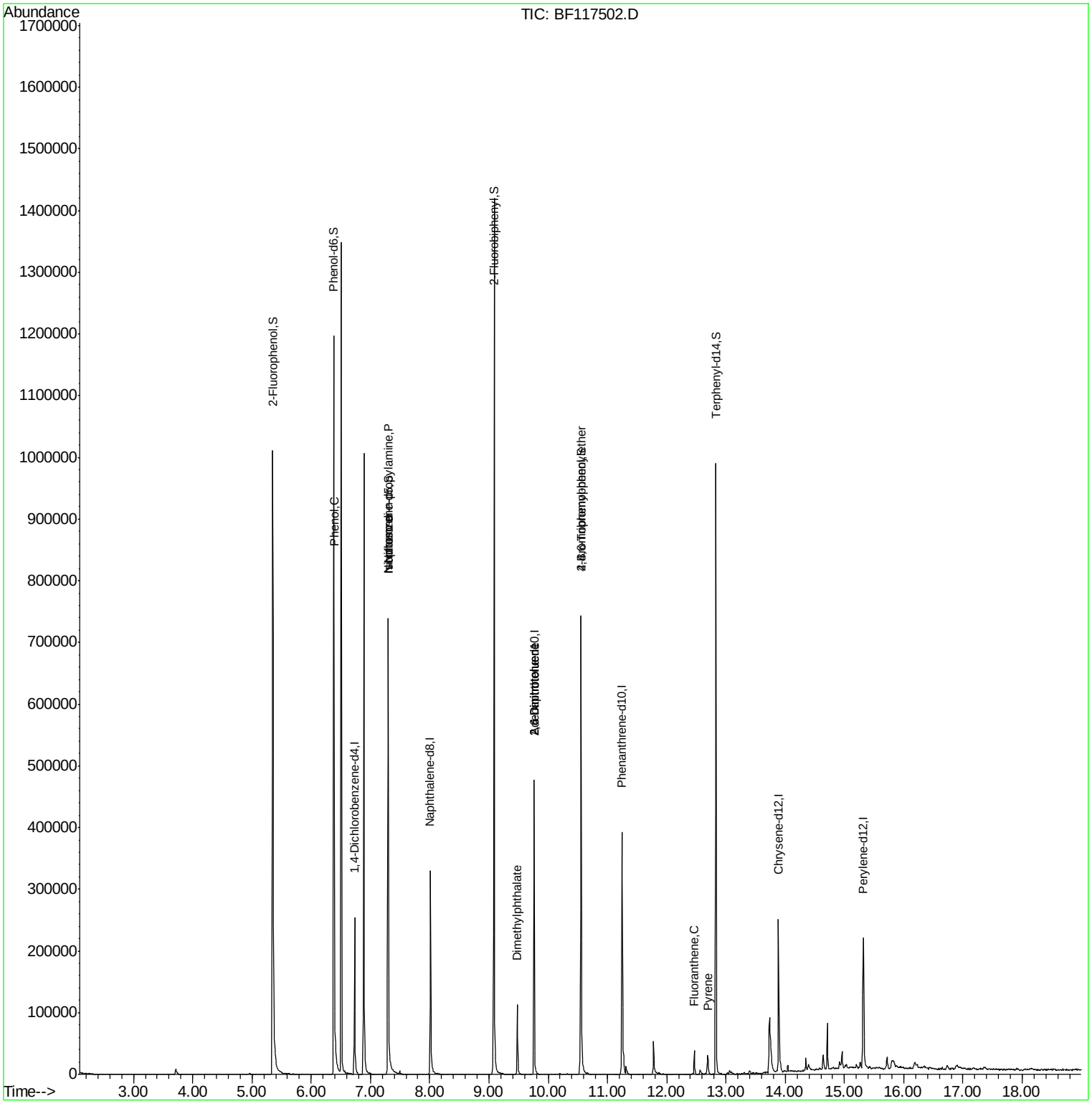
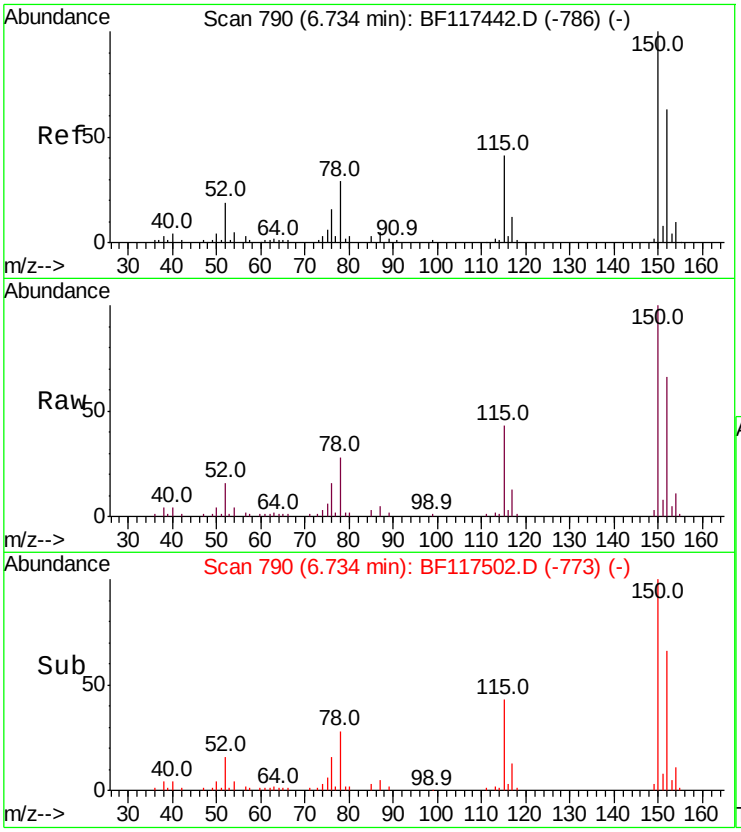


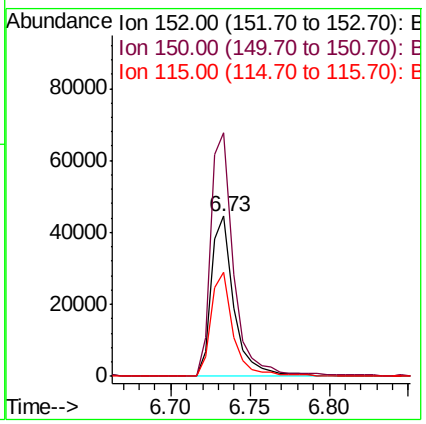


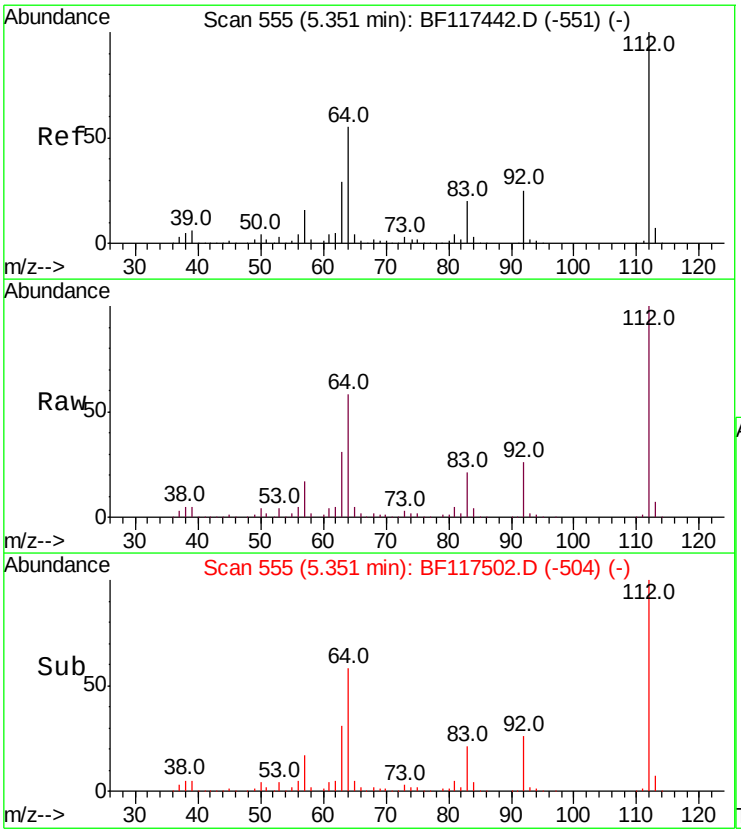
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF117502.D
Acq: 23 Oct 2019 23:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 44838

Ion	Ratio	Lower	Upper
152	100		
150	152.3	126.8	190.2
115	65.2	51.6	77.4

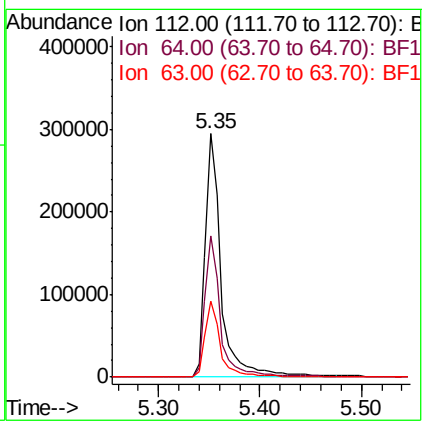


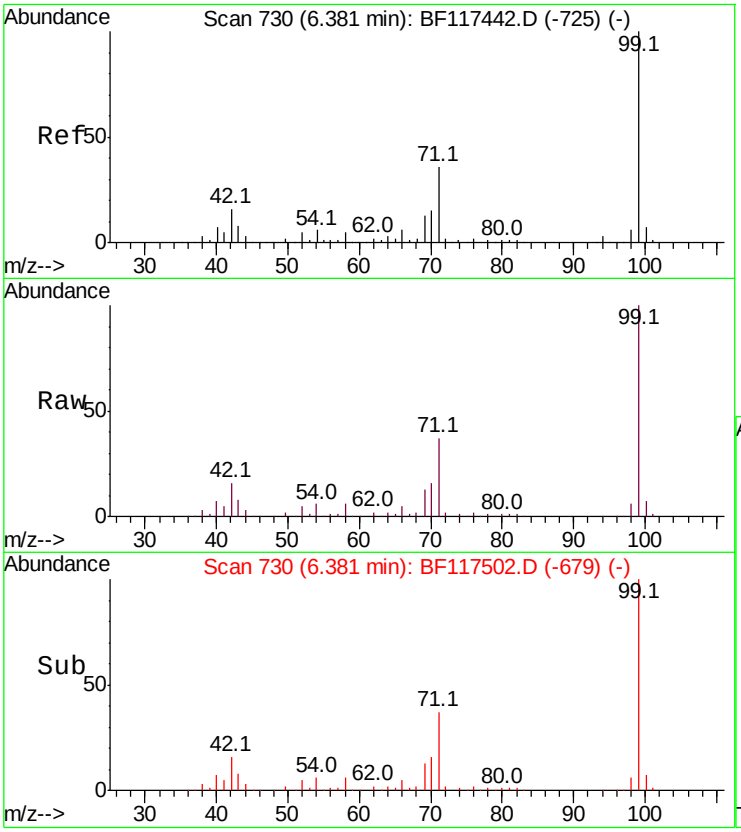


#5
2-Fluorophenol
Concen: 106.987 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF117502.D
Acq: 23 Oct 2019 23:50

Tgt Ion:112 Resp: 322448

Ion	Ratio	Lower	Upper
112	100		
64	57.8	44.1	66.1
63	30.9	23.4	35.2



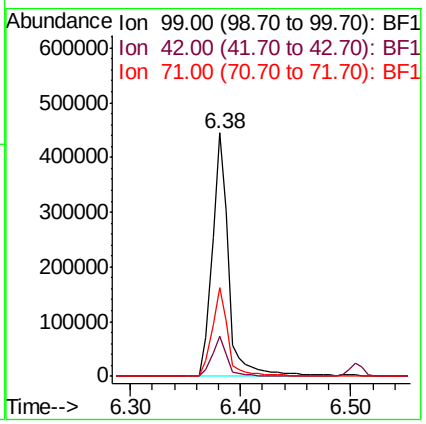


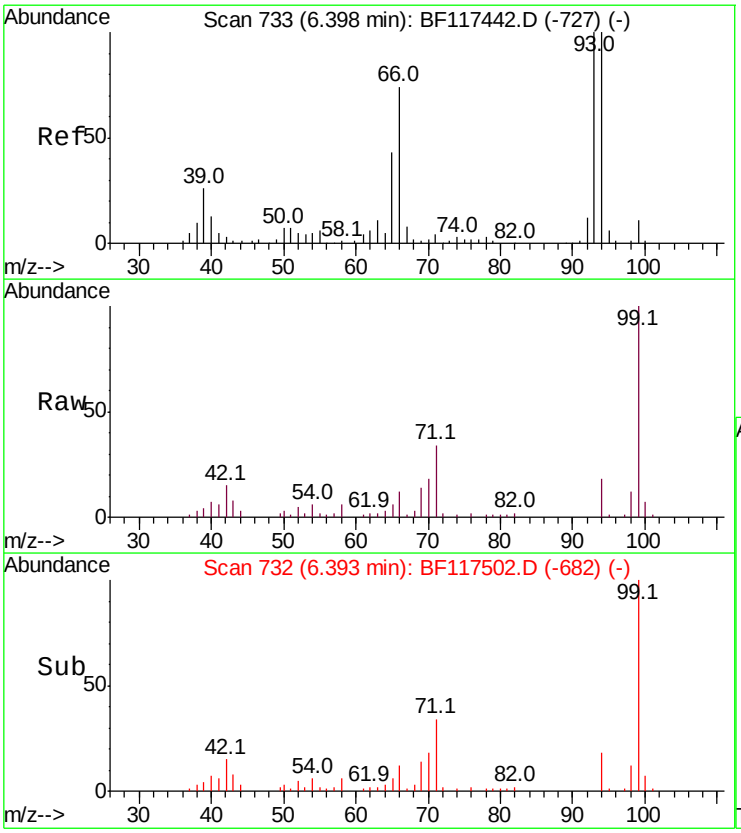
#7
Phenol-d6
Concen: 111.076 ng
RT: 6.38 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF117502.D
Acq: 23 Oct 2019 23:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 449636

Ion	Ratio	Lower	Upper
99	100		
42	16.3	12.8	19.2
71	36.6	28.6	43.0

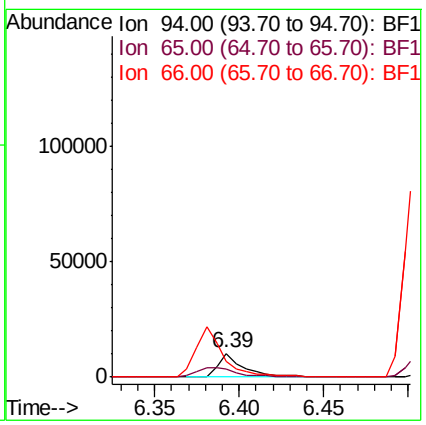


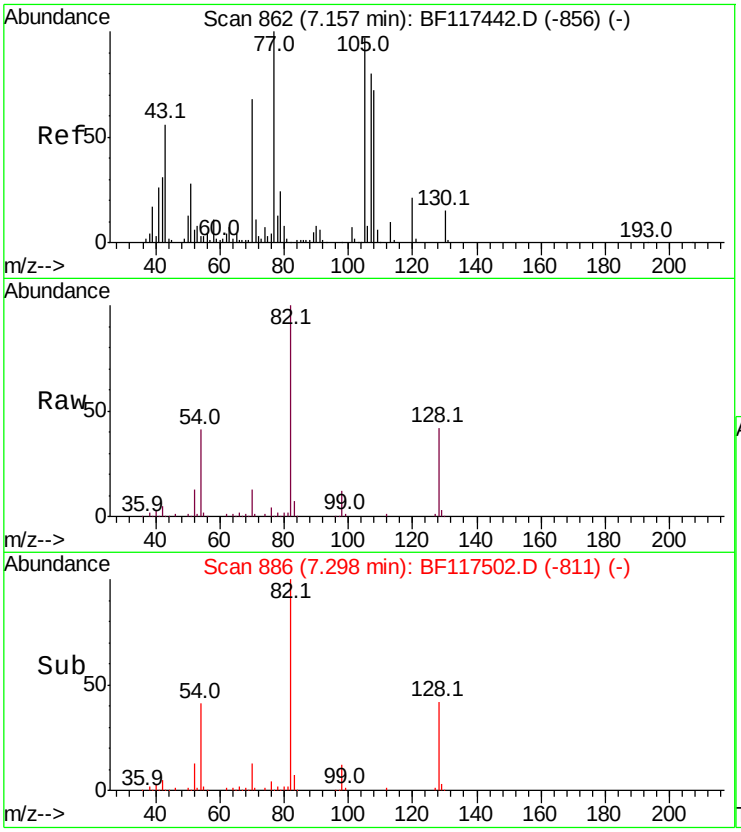


#10
Phenol
Concen: 2.582 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF117502.D
Acq: 23 Oct 2019 23:50

Tgt Ion: 94 Resp: 10668

Ion	Ratio	Lower	Upper
94	100		
65	36.0	23.4	63.4
66	66.0	54.7	94.7



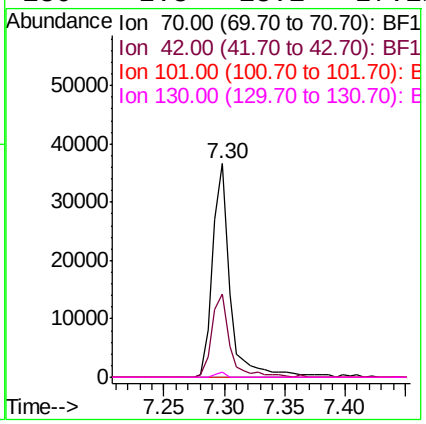


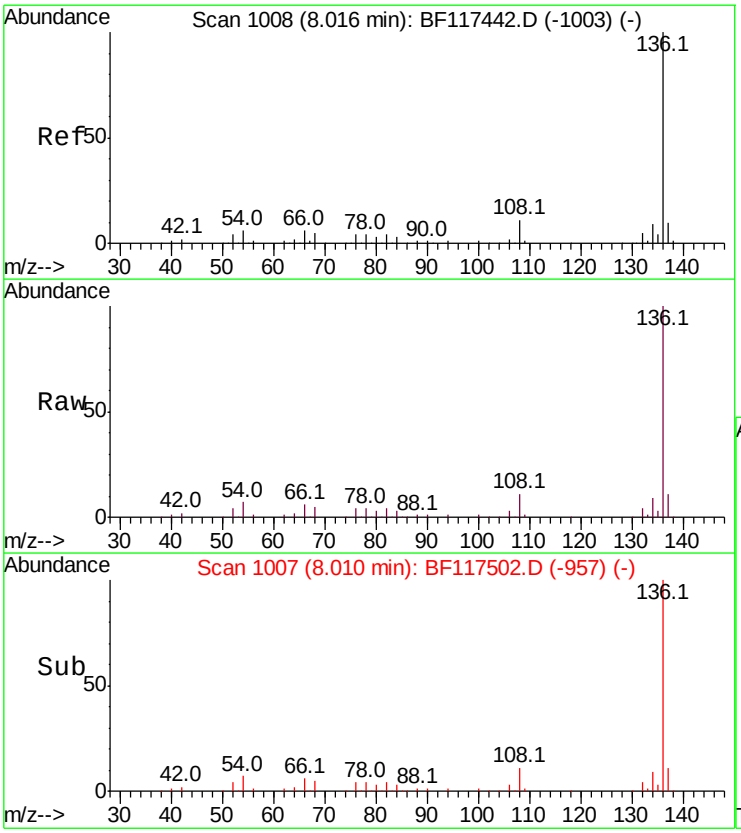
#19
n-Nitroso-di-n-propylamine
Concen: 14.795 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.14 min
Lab File: BF117502.D
Acq: 23 Oct 2019 23:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 36576

Ion	Ratio	Lower	Upper
70	100		
42	38.9	36.7	55.1
101	0.0	8.3	12.5#
130	2.3	18.1	27.1#

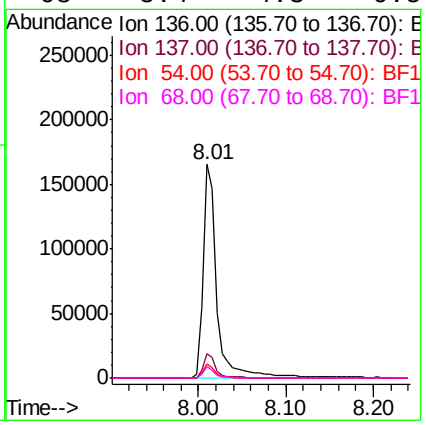


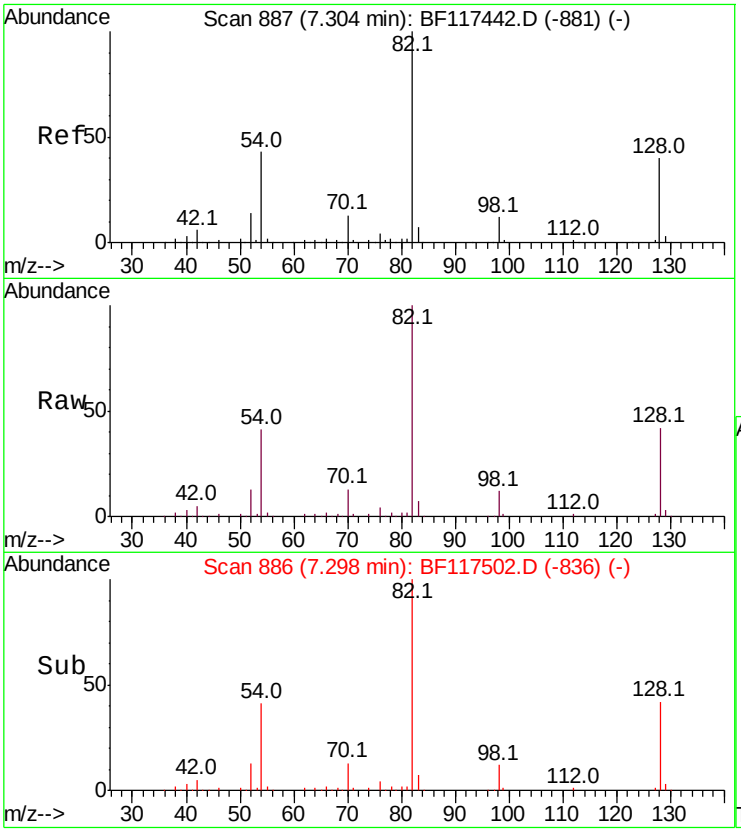


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117502.D
Acq: 23 Oct 2019 23:50

Tgt Ion:136 Resp: 179573

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.2	12.4
54	6.7	4.5	6.7
68	5.4	4.3	6.5

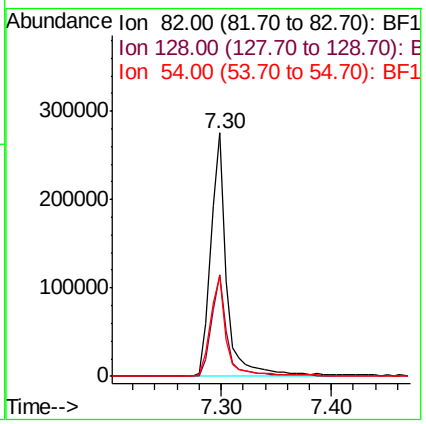




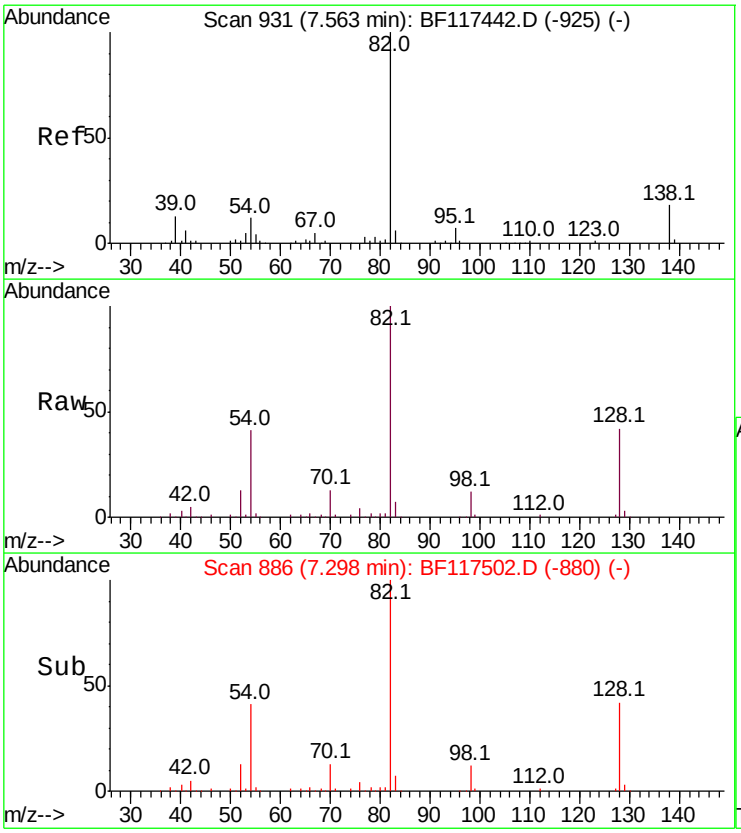
#23
Nitrobenzene-d5
Concen: 74.910 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF117502.D
Acq: 23 Oct 2019 23:50

Tgt Ion: 82 Resp: 272481

Ion	Ratio	Lower	Upper
82	100		
128	41.6	32.2	48.2
54	41.4	34.2	51.2



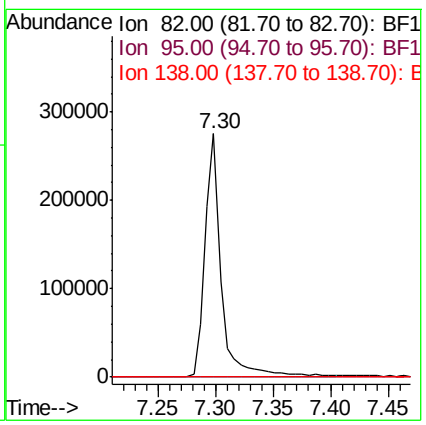
Instrument :
BNA_F
ClientSampleId :

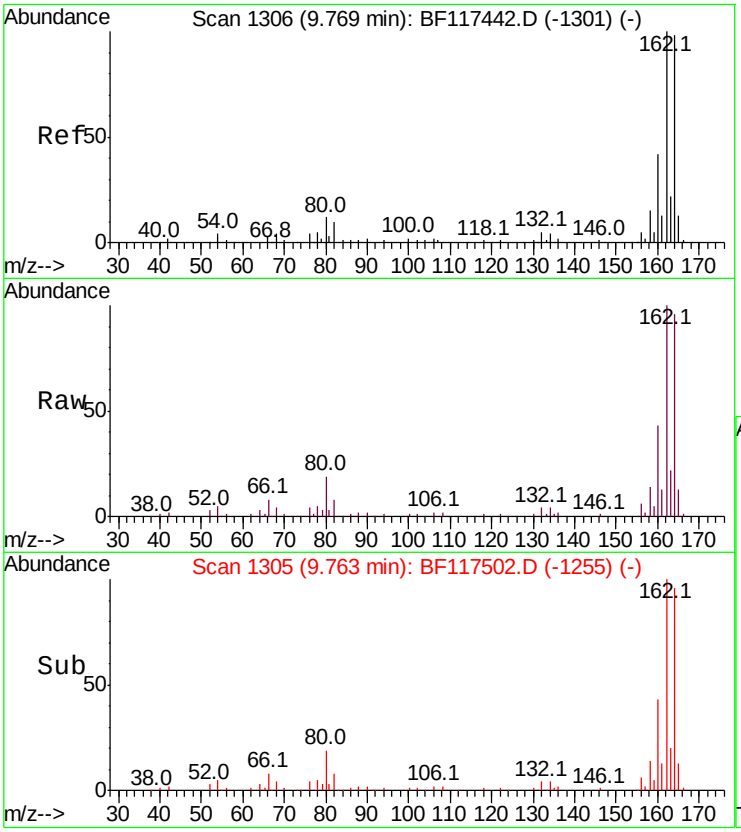


#25
Isophorone
Concen: 43.302 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.26 min
Lab File: BF117502.D
Acq: 23 Oct 2019 23:50

Tgt Ion: 82 Resp: 272478

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



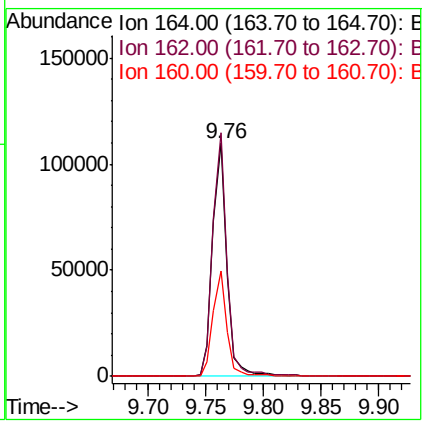


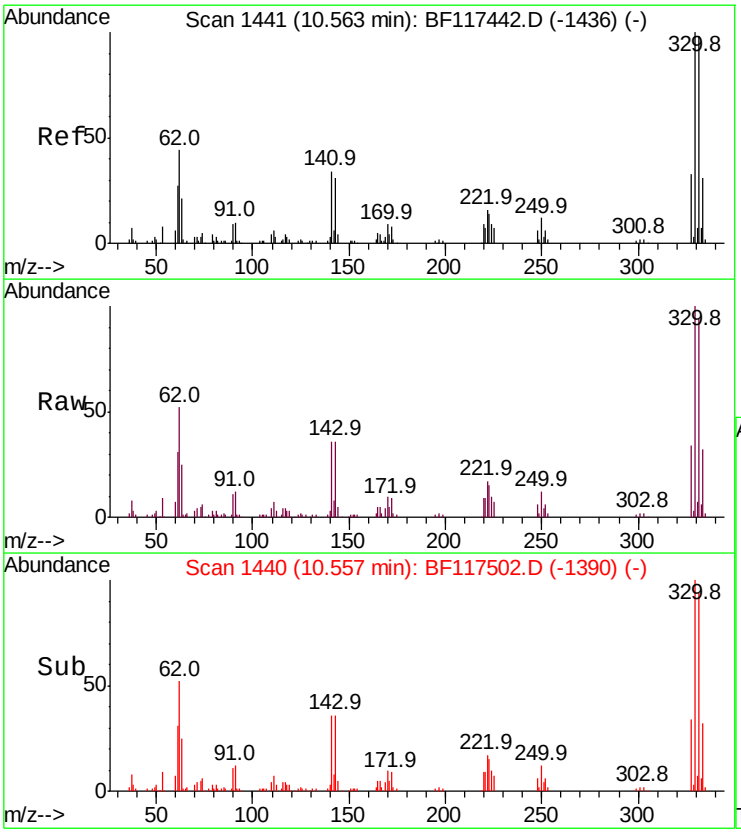
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF117502.D
Acq: 23 Oct 2019 23:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 94572

Ion	Ratio	Lower	Upper
164	100		
162	104.5	81.8	122.6
160	45.1	34.4	51.6

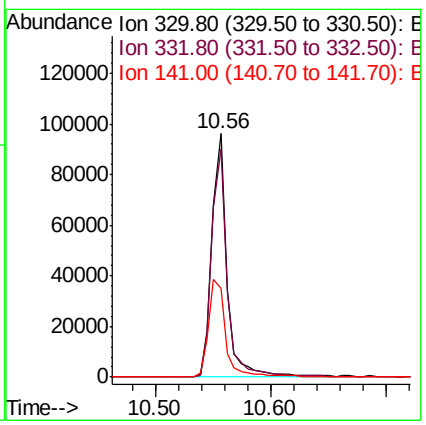


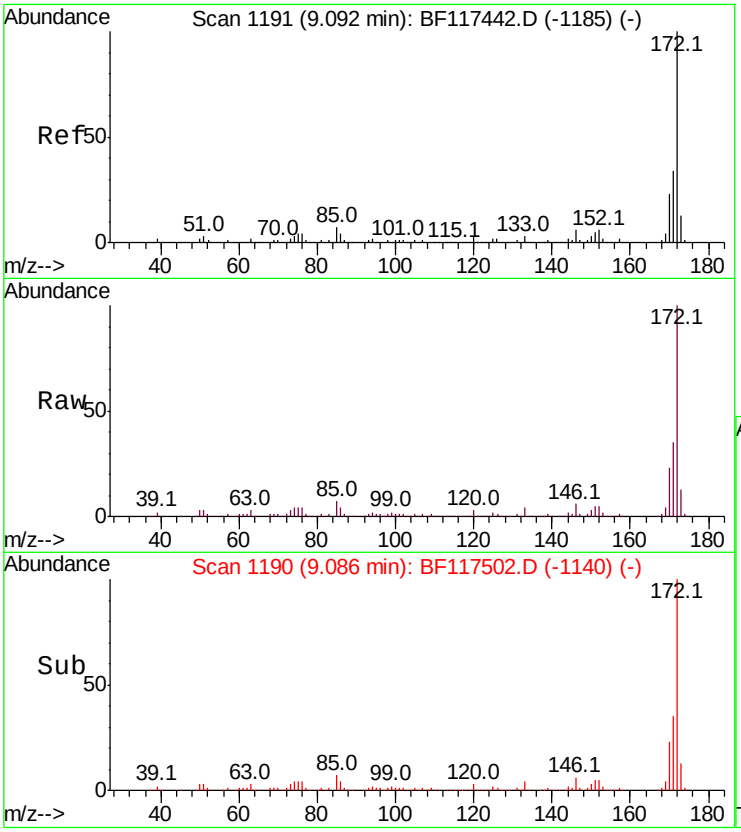


#42
2,4,6-Tribromophenol
Concen: 107.737 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF117502.D
Acq: 23 Oct 2019 23:50

Tgt Ion:330 Resp: 88160

Ion	Ratio	Lower	Upper
330	100		
332	97.1	78.5	117.7
141	45.1	37.0	55.6

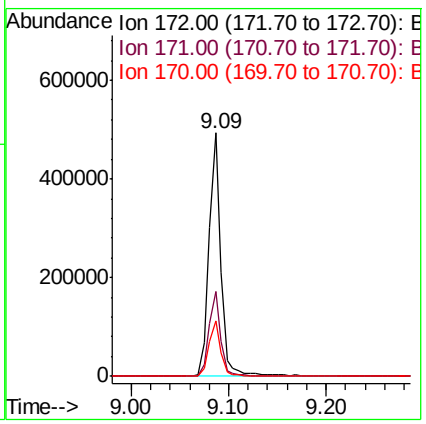




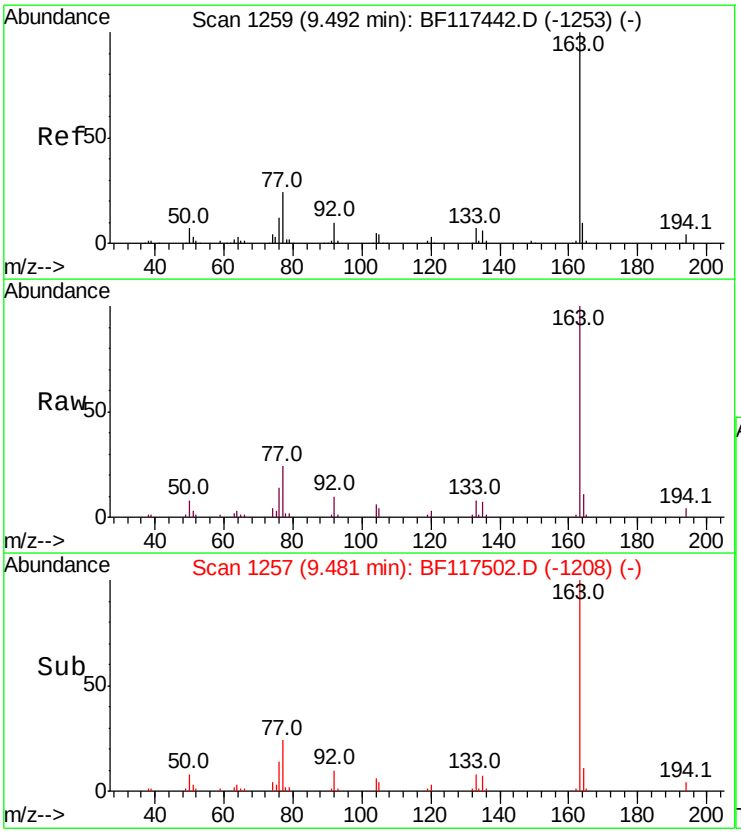
#45
2-Fluorobiphenyl
Concen: 62.408 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF117502.D
Acq: 23 Oct 2019 23:50

Tgt Ion:172 Resp: 418886

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.5	41.3
170	22.8	18.6	27.8



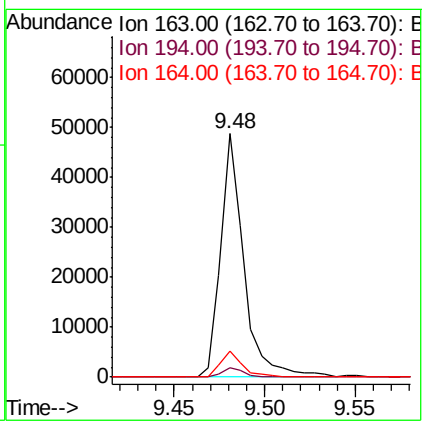
Instrument :
BNA_F
ClientSampleId :

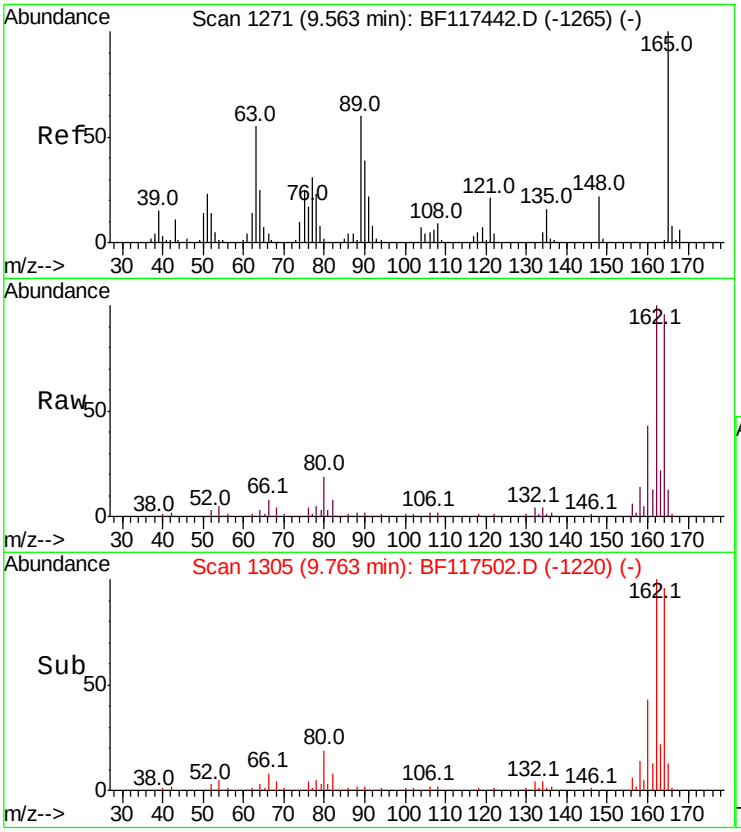


#50
Dimethylphthalate
Concen: 6.411 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF117502.D
Acq: 23 Oct 2019 23:50

Tgt Ion:163 Resp: 43226

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.9	4.3
164	10.7	8.2	12.2



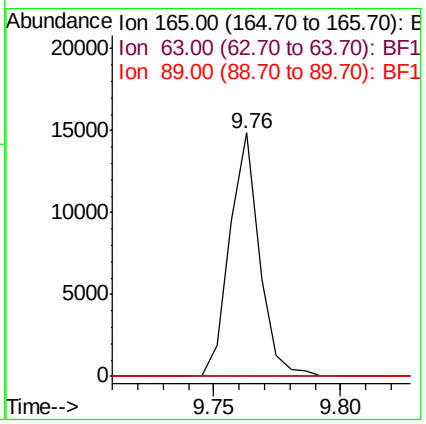


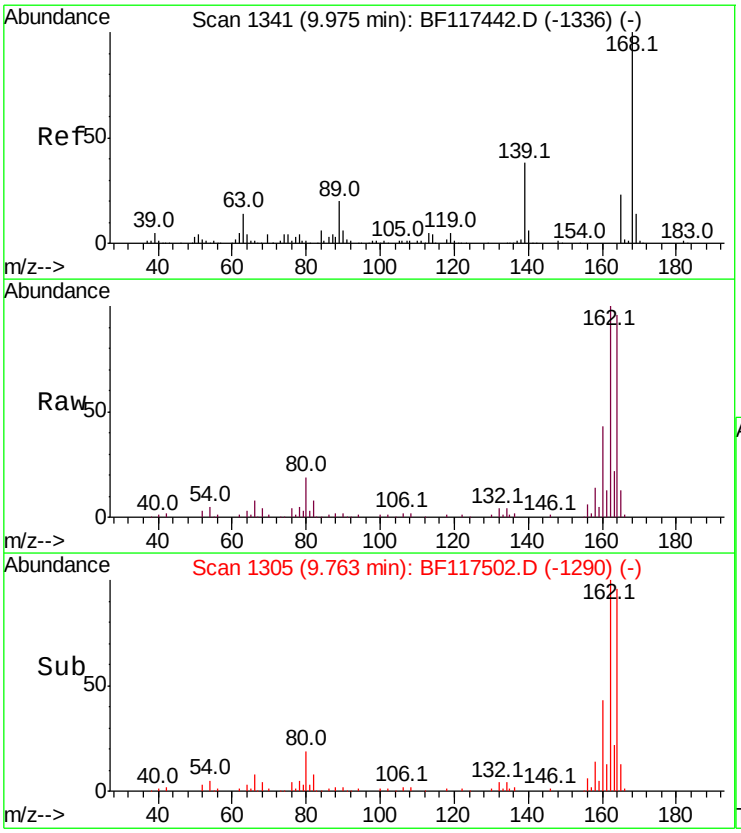
#51
2,6-Dinitrotoluene
Concen: 8.574 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.20 min
Lab File: BF117502.D
Acq: 23 Oct 2019 23:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 12062

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

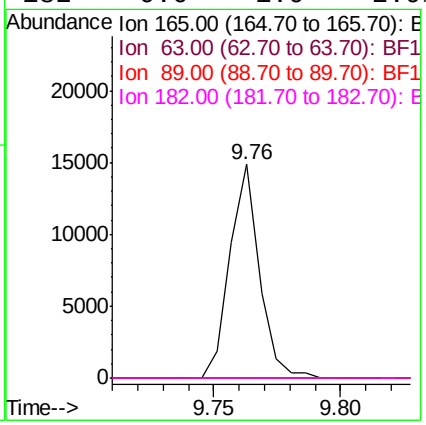


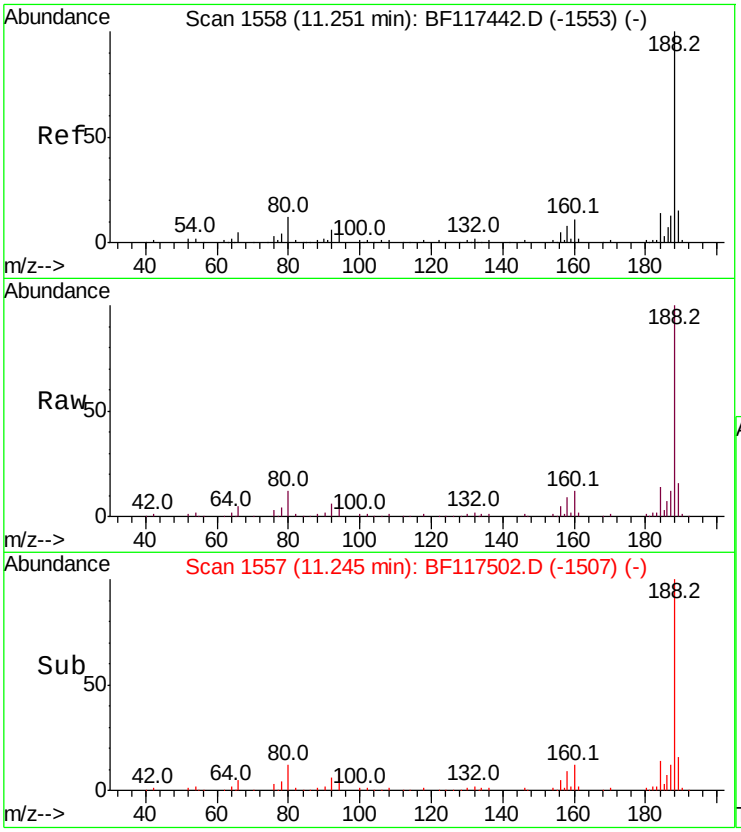


#57
2,4-Dinitrotoluene
Concen: 6.449 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.21 min
Lab File: BF117502.D
Acq: 23 Oct 2019 23:50

Tgt Ion:165 Resp: 12062

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#



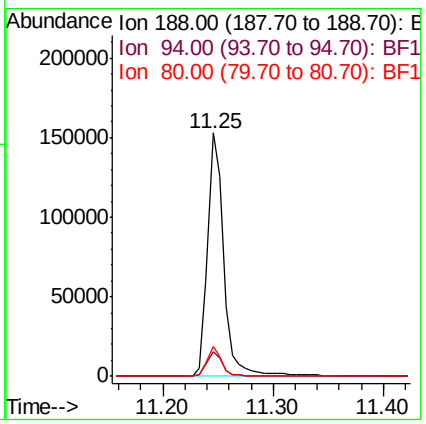


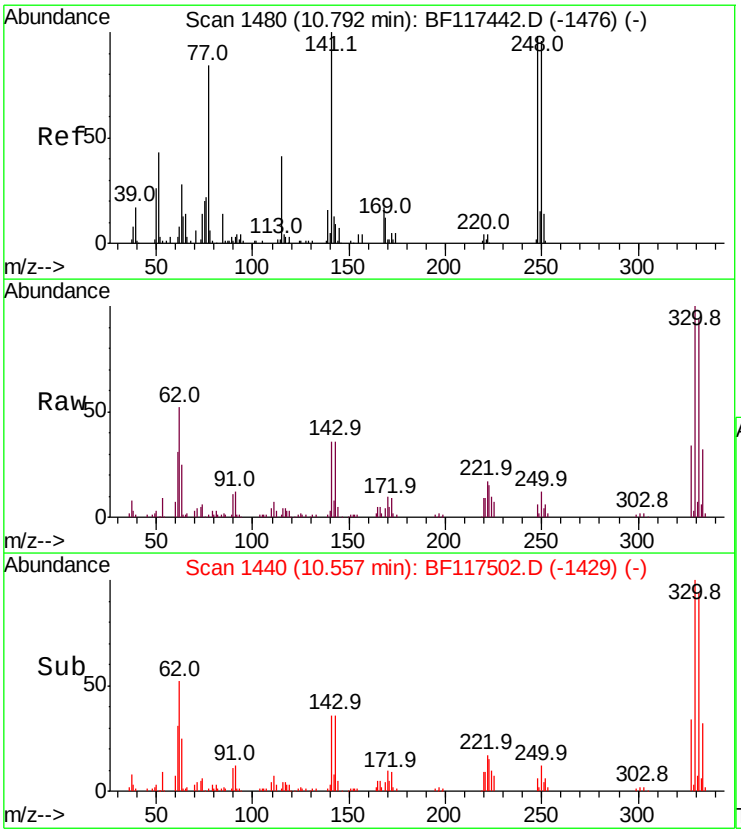
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF117502.D
Acq: 23 Oct 2019 23:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 152106

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.0	12.0
80	12.4	9.5	14.3

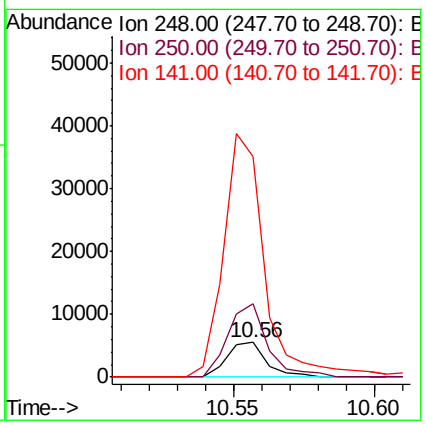


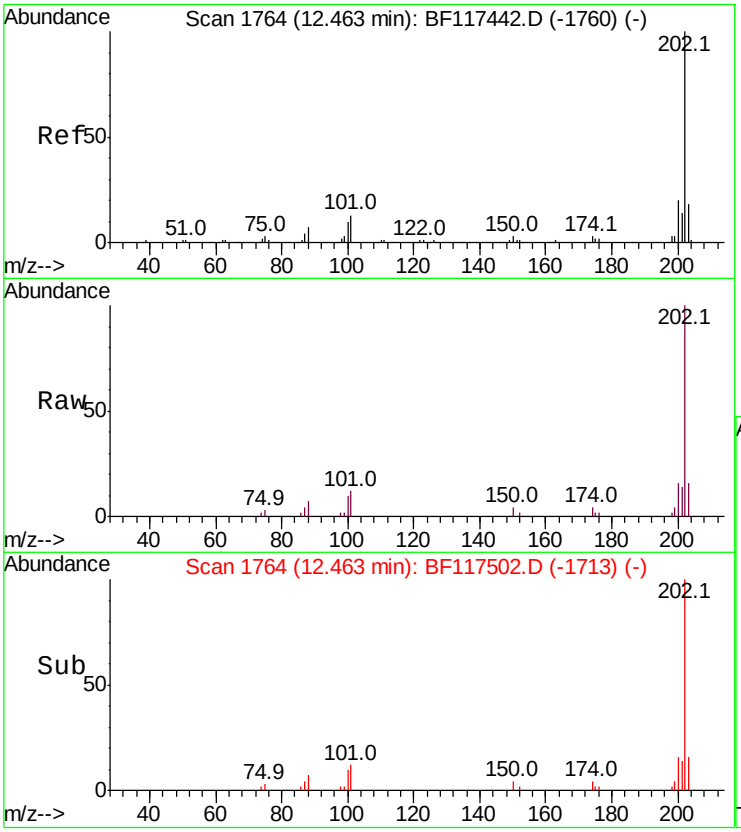


#67
4-Bromophenyl-phenylether
Concen: 3.236 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.24 min
Lab File: BF117502.D
Acq: 23 Oct 2019 23:50

Tgt Ion:248 Resp: 5301

Ion	Ratio	Lower	Upper
248	100		
250	209.4	78.0	117.0#
141	633.0	81.7	122.5#



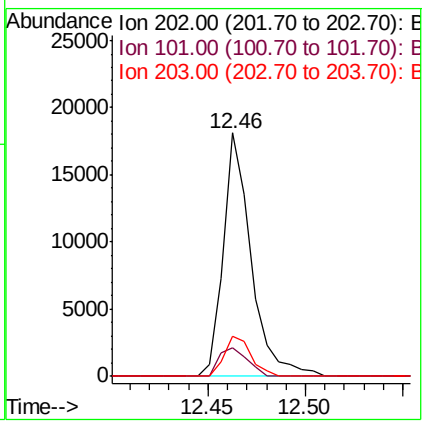


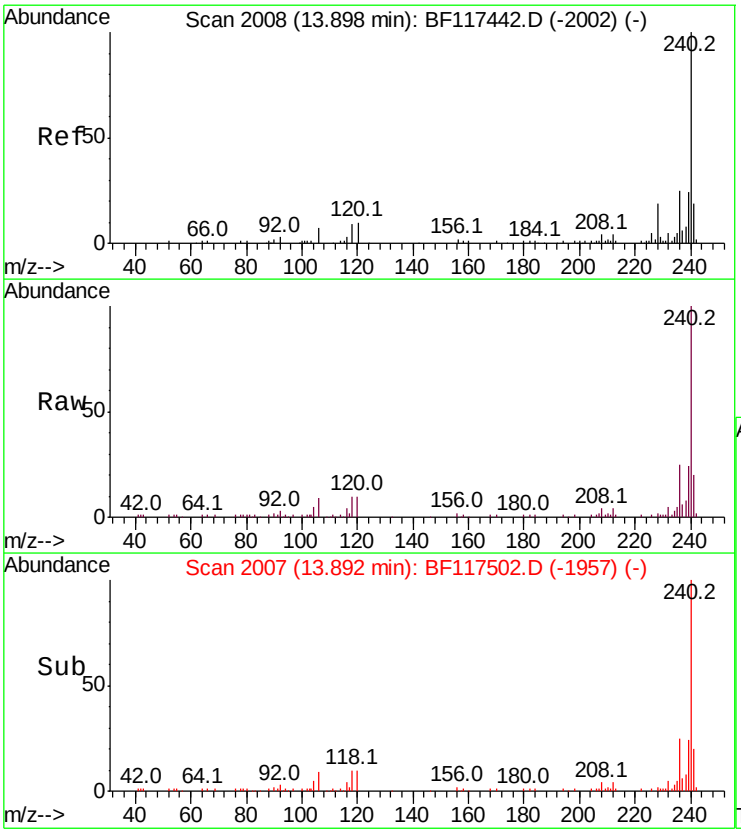
#75
Fluoranthene
Concen: 2.024 ng
RT: 12.46 min Scan# 1764
Delta R.T. 0.00 min
Lab File: BF117502.D
Acq: 23 Oct 2019 23:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 17900

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	32.7
203	16.4	0.0	37.6

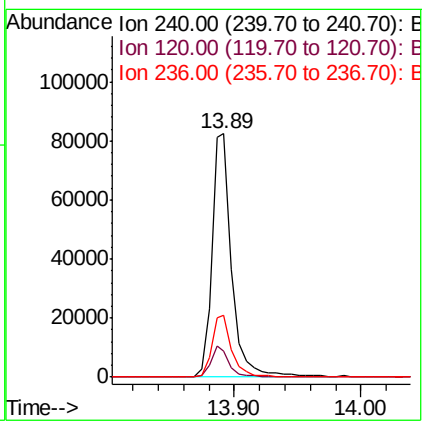


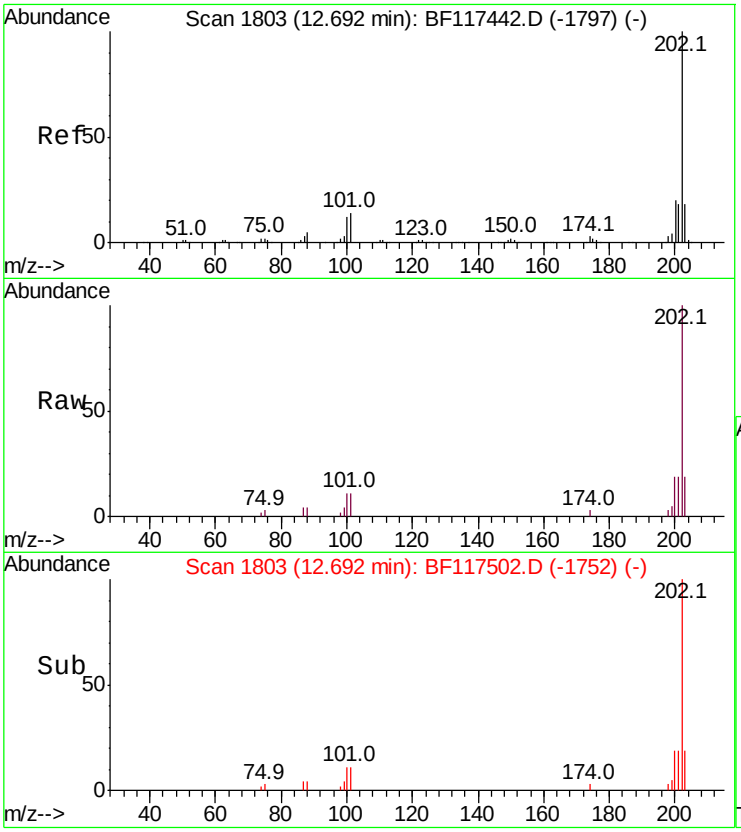


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF117502.D
Acq: 23 Oct 2019 23:50

Tgt Ion:240 Resp: 89683

Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.4	12.6
236	25.5	20.0	30.0



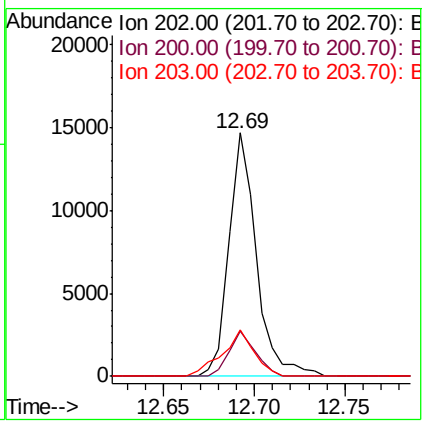


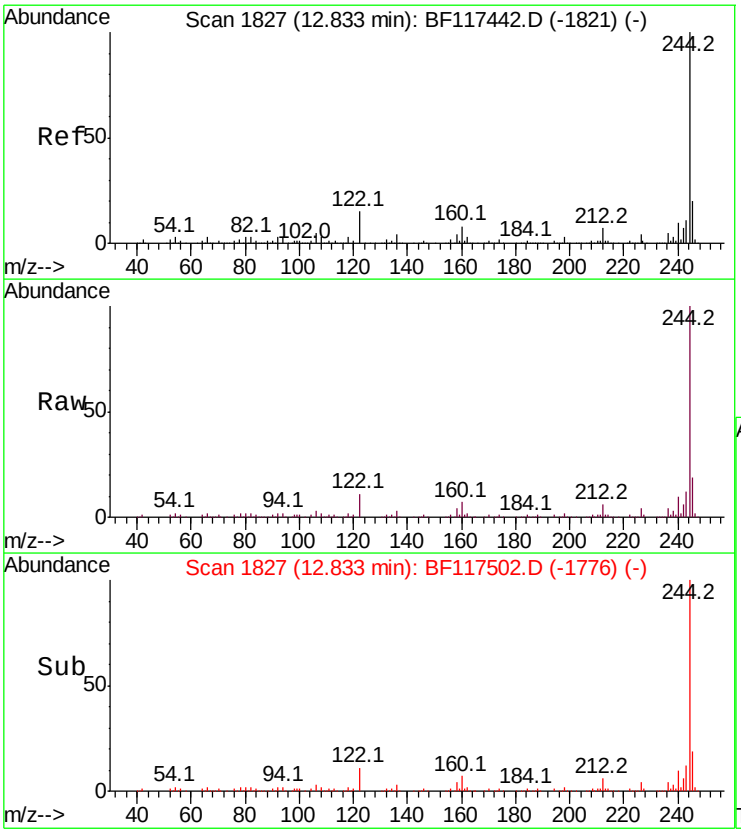
#78
Pyrene
Concen: 2.022 ng
RT: 12.69 min Scan# 1803
Delta R.T. 0.00 min
Lab File: BF117502.D
Acq: 23 Oct 2019 23:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 15576

Ion	Ratio	Lower	Upper
202	100		
200	18.8	16.2	24.2
203	19.0	14.0	21.0

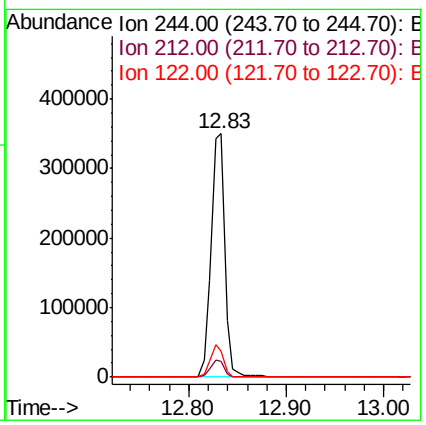


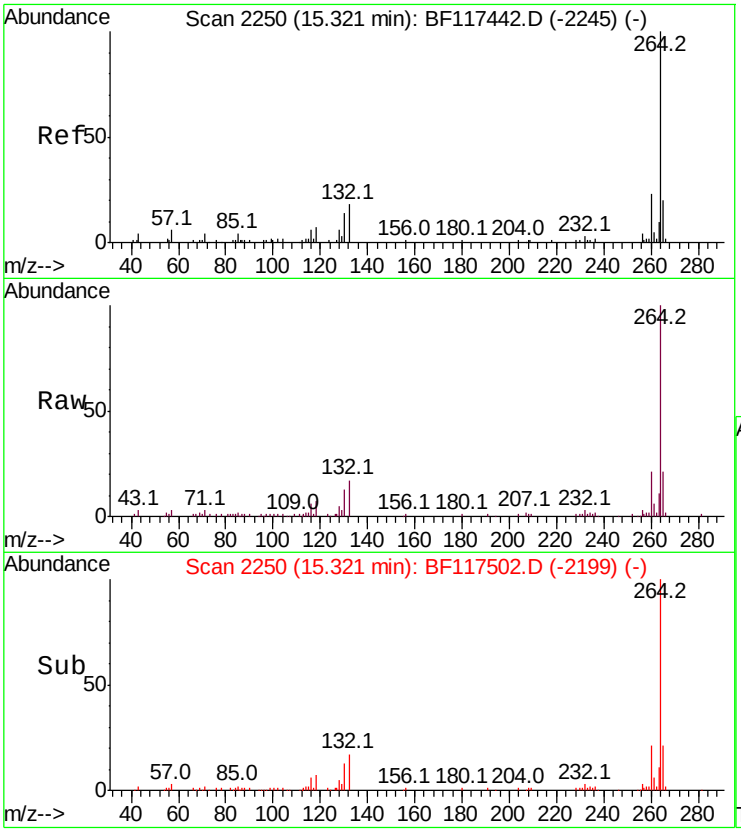


#79
Terphenyl-d14
Concen: 62.669 ng
RT: 12.83 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BF117502.D
Acq: 23 Oct 2019 23:50

Tgt Ion:244 Resp: 344570

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.8	8.6
122	10.7	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: BF117502.D
Acq: 23 Oct 2019 23:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 97701

Ion	Ratio	Lower	Upper
264	100		
260	21.0	18.4	27.6
265	21.1	16.1	24.1