Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102119\
Data File : BF117460.D
Acq On : 21 Oct 2019 21:08
Operator : JU
Sample : K5439-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 22 01:55:52 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	64218	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	268882	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	143307	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	239817	20.00	ng	0.00
76) Chrysene-d12	13.89	240	193576	20.00	ng	0.00
87) Perylene-d12	15.32	264	189291	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	329169	76.26	ng	0.00
7) Phenol-d6	6.38	99	426001	73.48	ng	0.00
23) Nitrobenzene-d5	7.30	82	273384	50.19	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	100651	81.17	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	480518	47.24	ng	0.00
79) Terphenyl-d14	12.83	244	558633	47.07	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.38	77	527	Below Cal	#	3
10) Phenol	6.39	94	16537	2.795	ng	# 80
19) n-Nitroso-di-n-propylamine	7.30	70	35665	10.073	ng	# 78
25) Isophorone	7.30	82	273382	29.015	ng	# 65
50) Dimethylphthalate	9.48	163	55730	5.455	ng	98
51) 2,6-Dinitrotoluene	9.76	165	18351	8.608	ng	# 25
57) 2,4-Dinitrotoluene	9.76	165	18351	6.474	ng	# 14
67) 4-Bromophenyl-phenylether	10.55	248	6392	2.475	ng	# 1
77) Benzidine	12.83	184	7983	Below Cal		96

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

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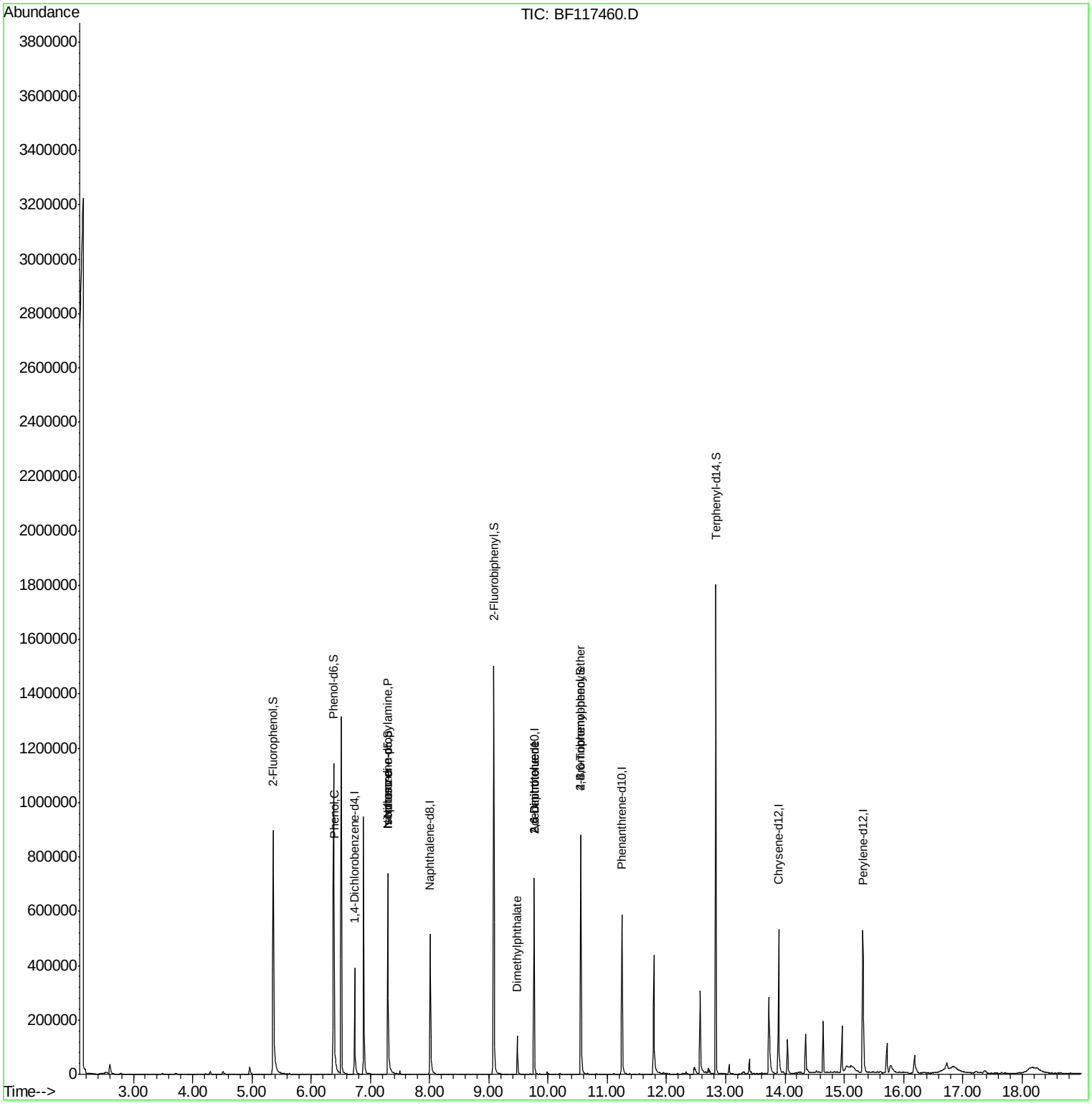
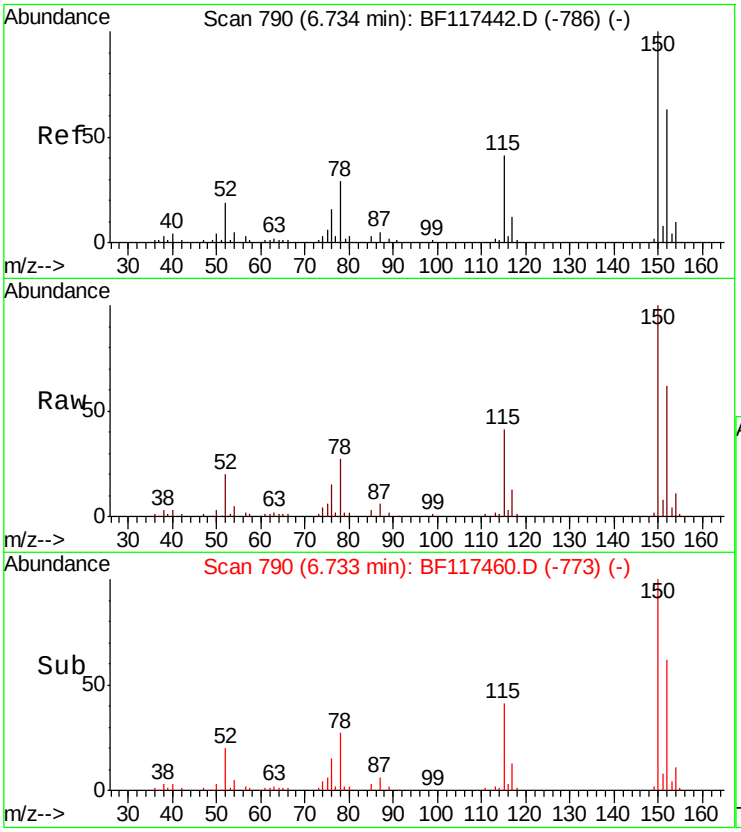


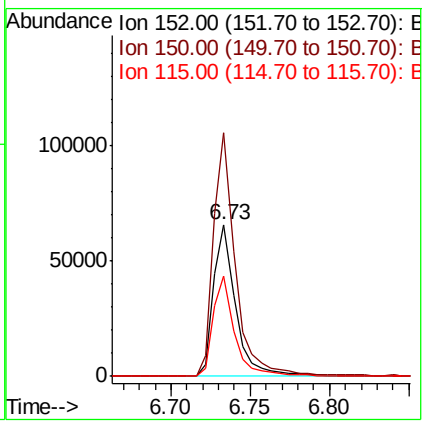


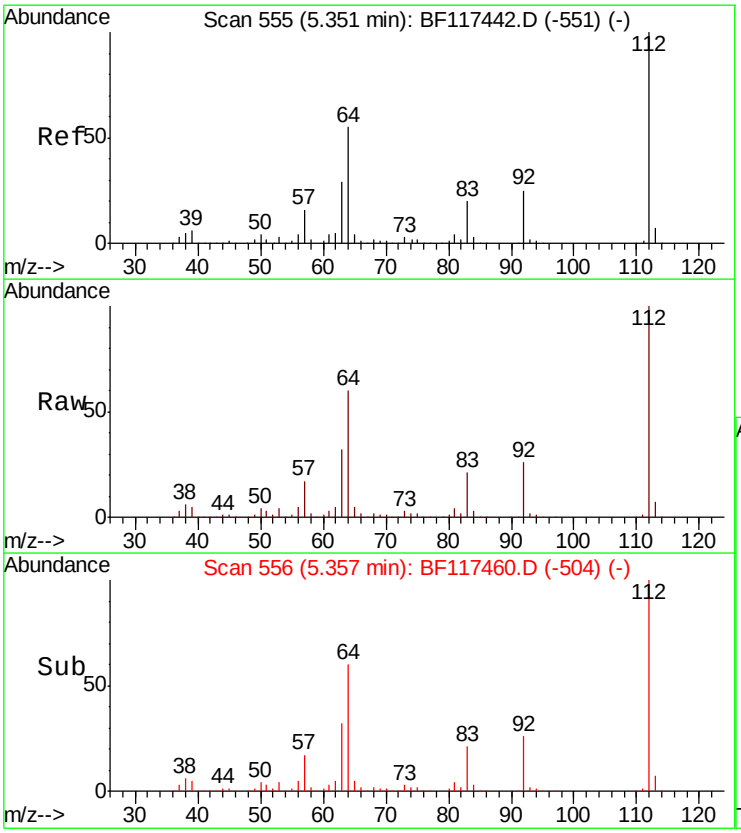
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF117460.D
Acq: 21 Oct 2019 21:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 64218

Ion	Ratio	Lower	Upper
152	100		
150	160.2	126.8	190.2
115	65.7	51.6	77.4

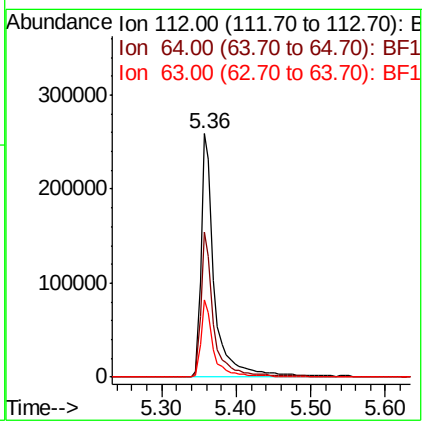


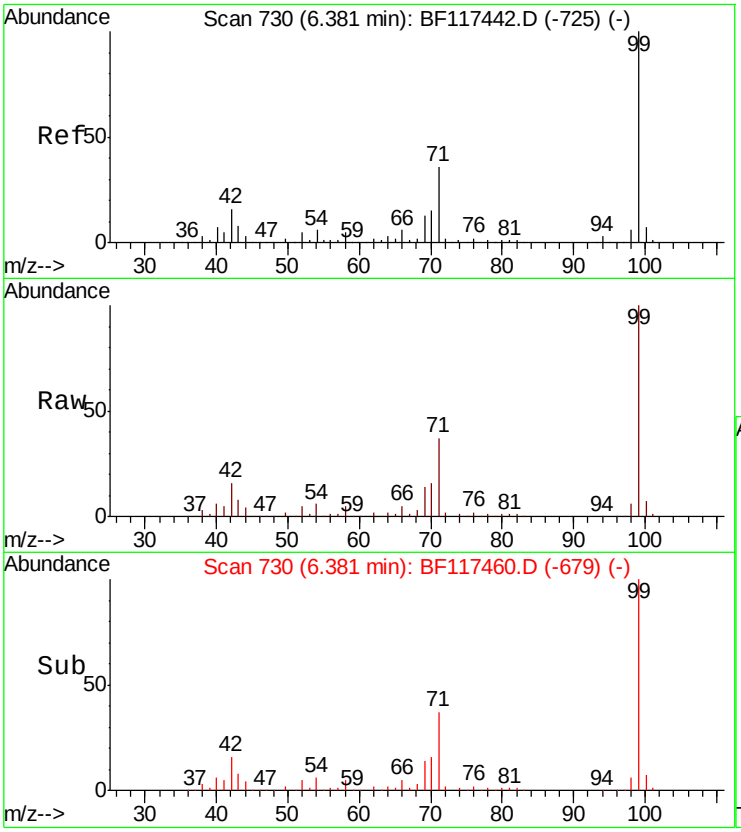


#5
2-Fluorophenol
Concen: 76.257 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF117460.D
Acq: 21 Oct 2019 21:08

Tgt Ion:112 Resp: 329169

Ion	Ratio	Lower	Upper
112	100		
64	59.7	44.1	66.1
63	31.5	23.4	35.2



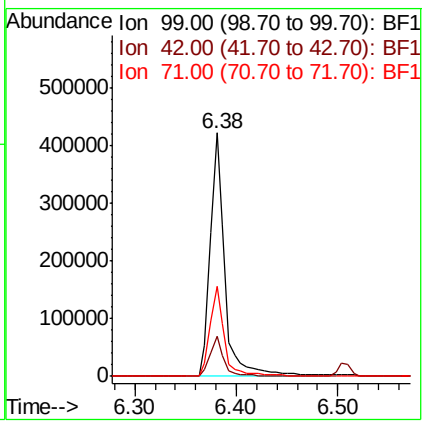


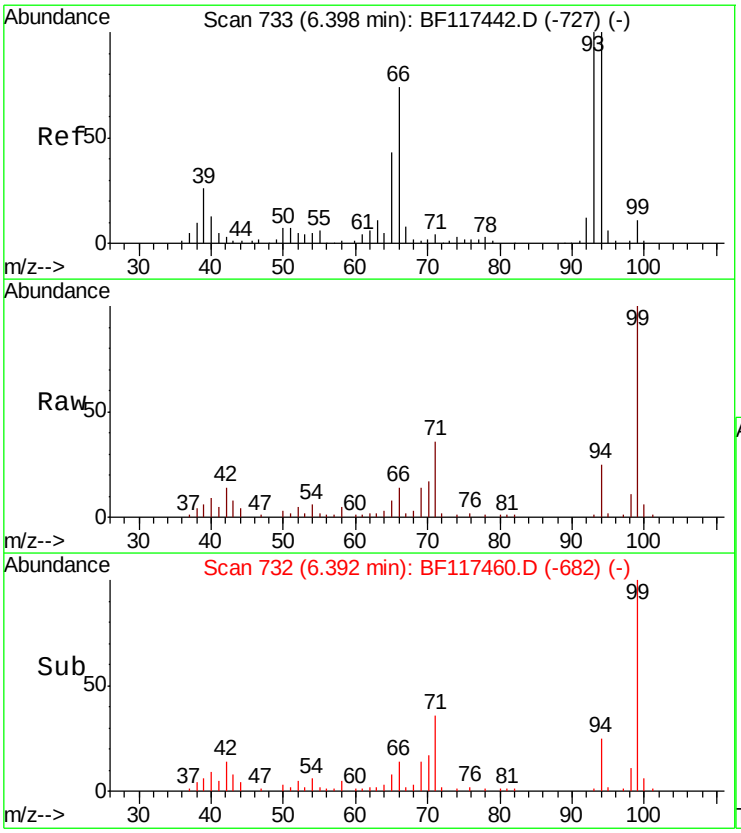
#7
Phenol-d6
Concen: 73.478 ng
RT: 6.38 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF117460.D
Acq: 21 Oct 2019 21:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 426001

Ion	Ratio	Lower	Upper
99	100		
42	16.3	12.8	19.2
71	37.2	28.6	43.0

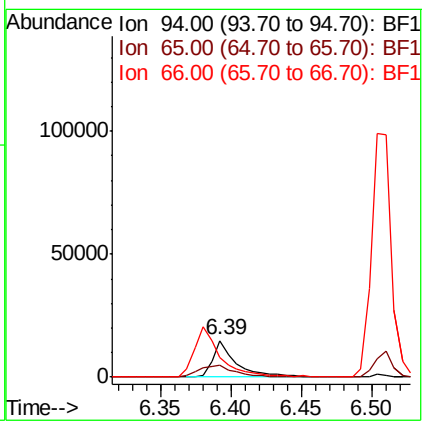


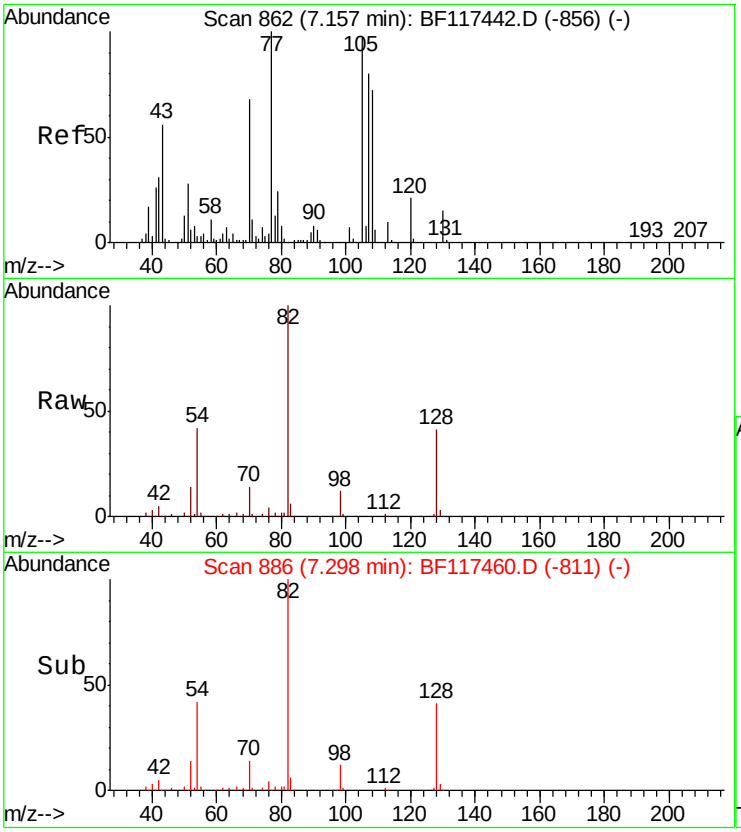


#10
Phenol
Concen: 2.795 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF117460.D
Acq: 21 Oct 2019 21:08

Tgt Ion: 94 Resp: 16537

Ion	Ratio	Lower	Upper
94	100		
65	33.8	23.4	63.4
66	54.6	54.7	94.7#



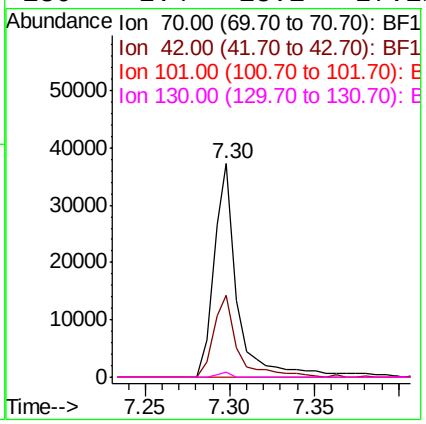


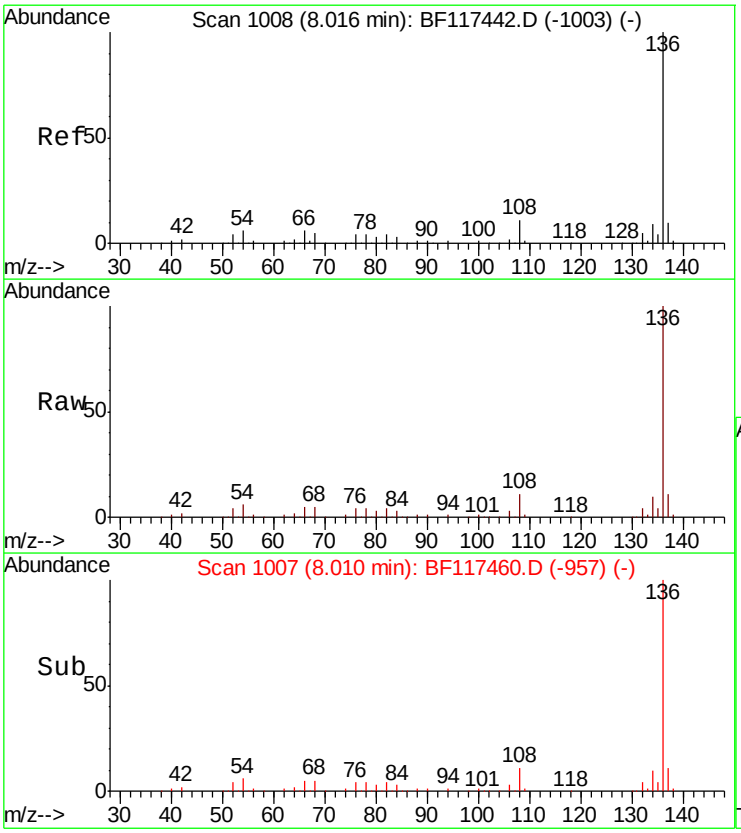
#19
n-Nitroso-di-n-propylamine
Concen: 10.073 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.14 min
Lab File: BF117460.D
Acq: 21 Oct 2019 21:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 35665

Ion	Ratio	Lower	Upper
70	100		
42	38.2	36.7	55.1
101	0.0	8.3	12.5#
130	2.4	18.1	27.1#

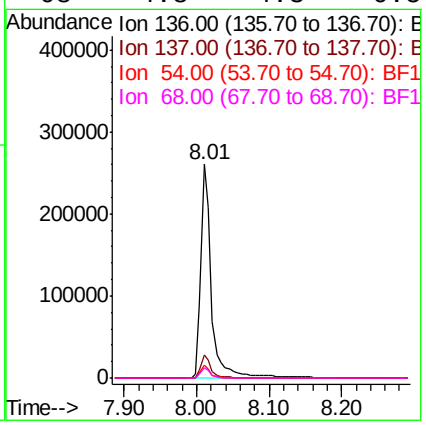


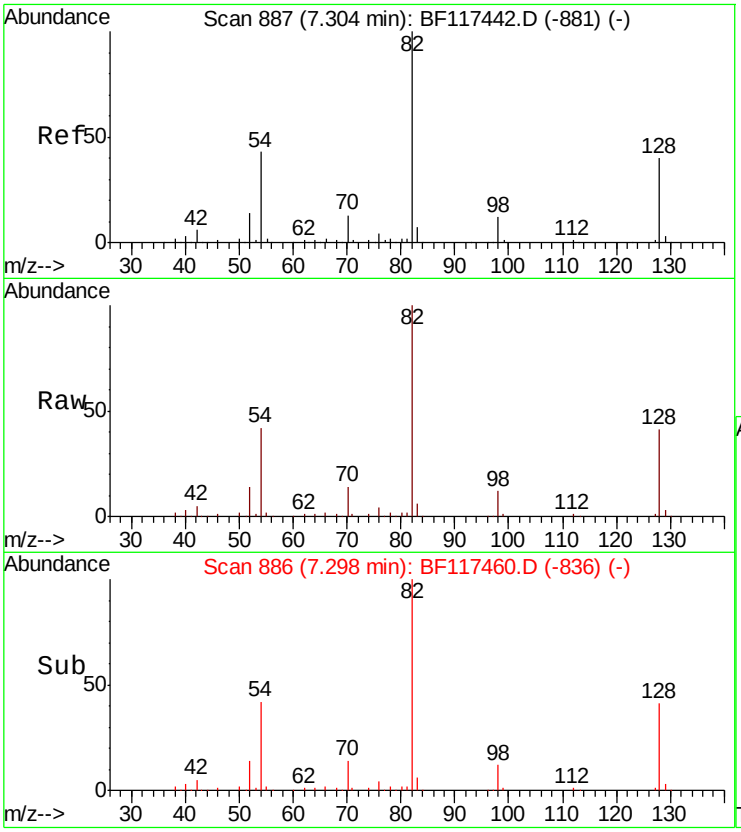


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117460.D
Acq: 21 Oct 2019 21:08

Tgt Ion:136 Resp: 268882

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.2	12.4
54	5.9	4.5	6.7
68	4.8	4.3	6.5



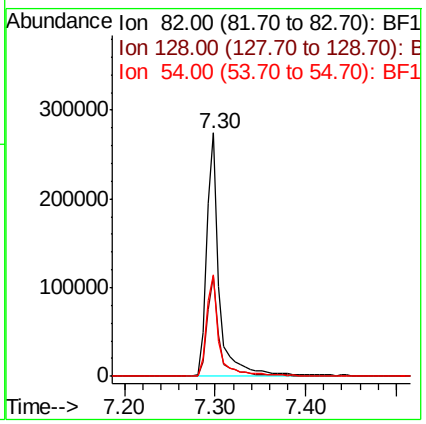


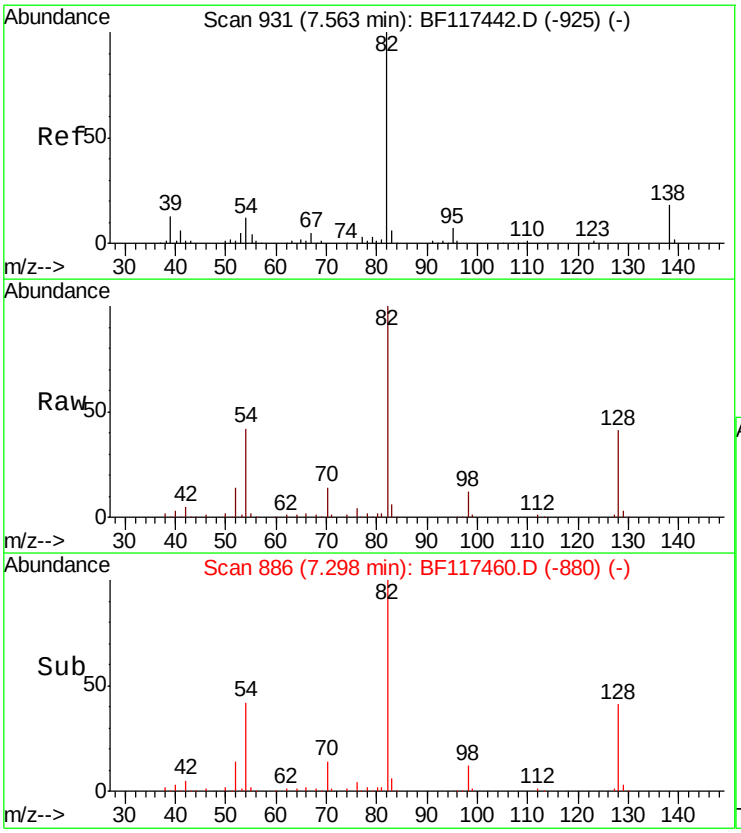
#23
Nitrobenzene-d5
Concen: 50.194 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF117460.D
Acq: 21 Oct 2019 21:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 273384

Ion	Ratio	Lower	Upper
82	100		
128	41.1	32.2	48.2
54	41.8	34.2	51.2

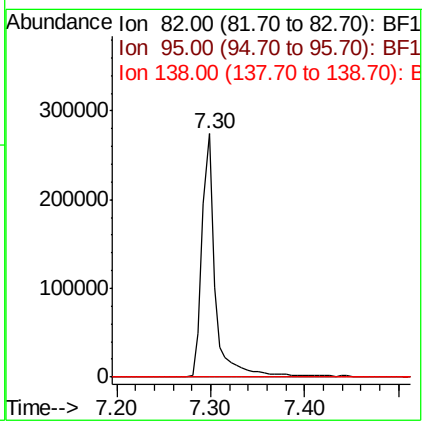


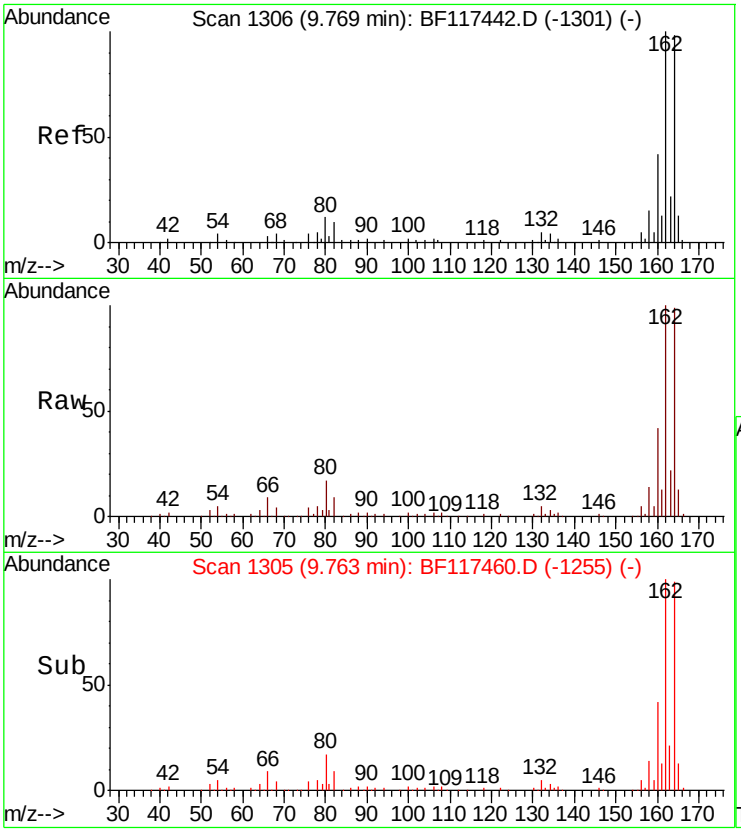


#25
Isophorone
Concen: 29.015 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.26 min
Lab File: BF117460.D
Acq: 21 Oct 2019 21:08

Tgt Ion: 82 Resp: 273382

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



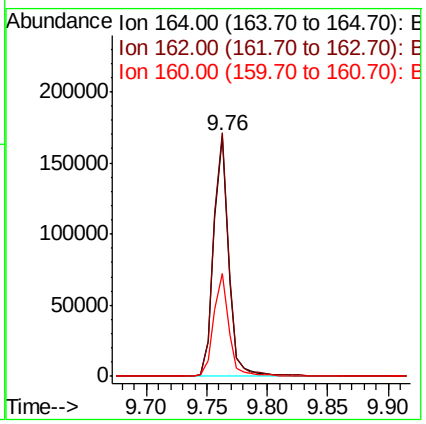


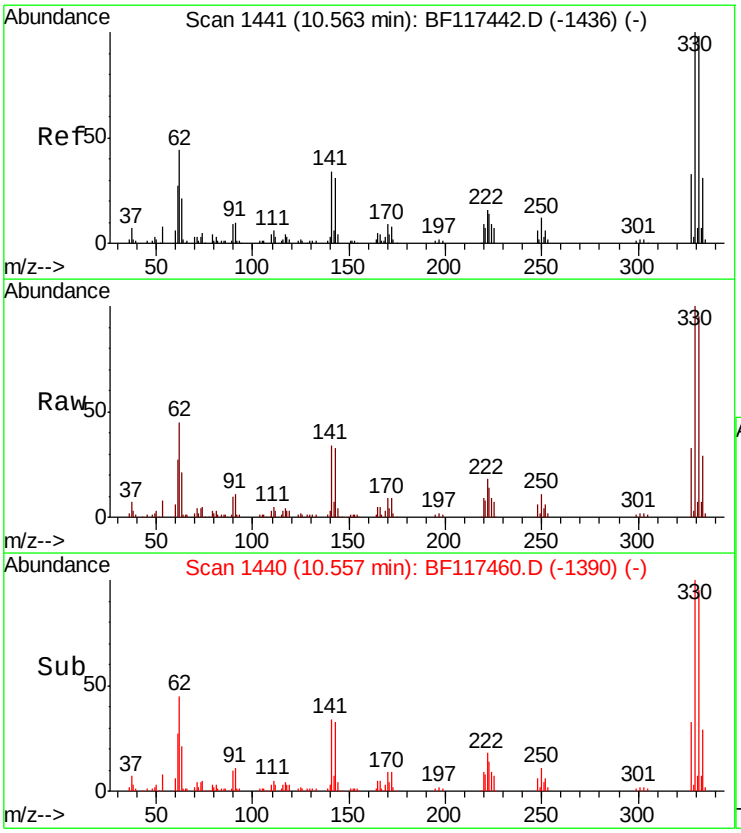
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF117460.D
Acq: 21 Oct 2019 21:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 143307

Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.8	122.6
160	43.1	34.4	51.6

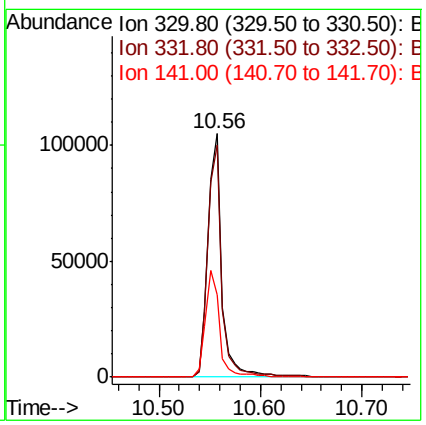


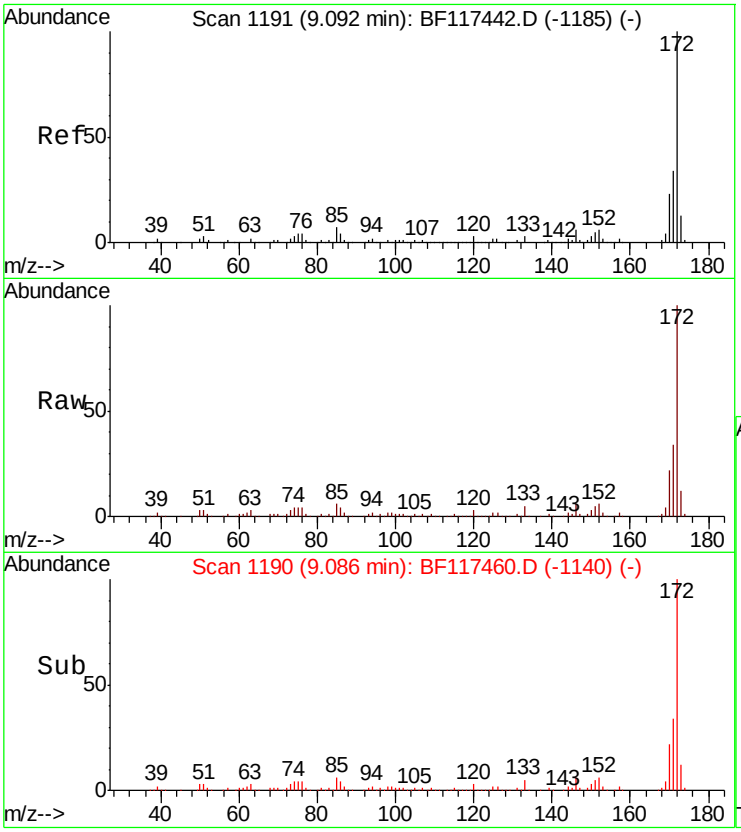


#42
2,4,6-Tribromophenol
Concen: 81.172 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF117460.D
Acq: 21 Oct 2019 21:08

Tgt Ion:330 Resp: 100651

Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.5	117.7
141	44.0	37.0	55.6



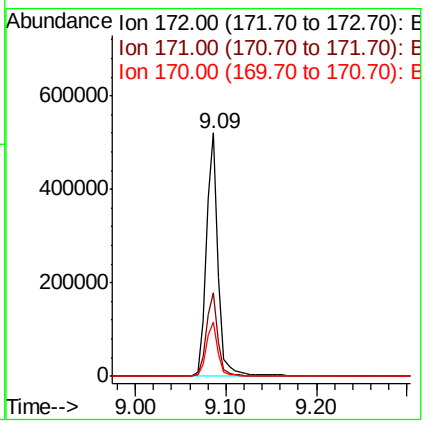


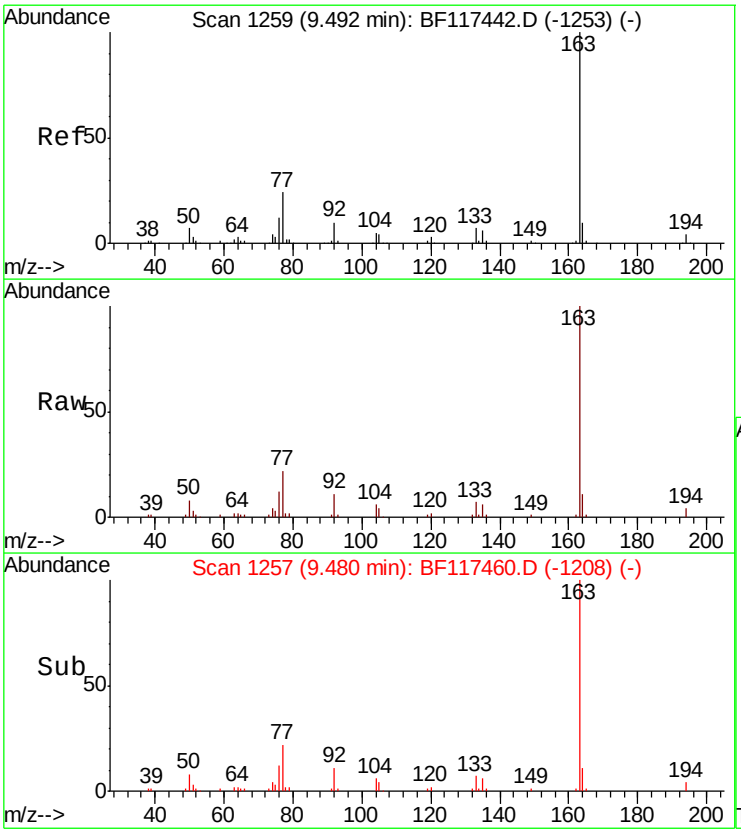
#45
2-Fluorobiphenyl
Concen: 47.244 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF117460.D
Acq: 21 Oct 2019 21:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 480518

Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.5	41.3
170	22.4	18.6	27.8

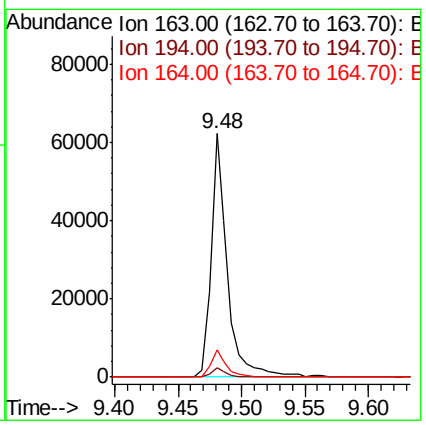


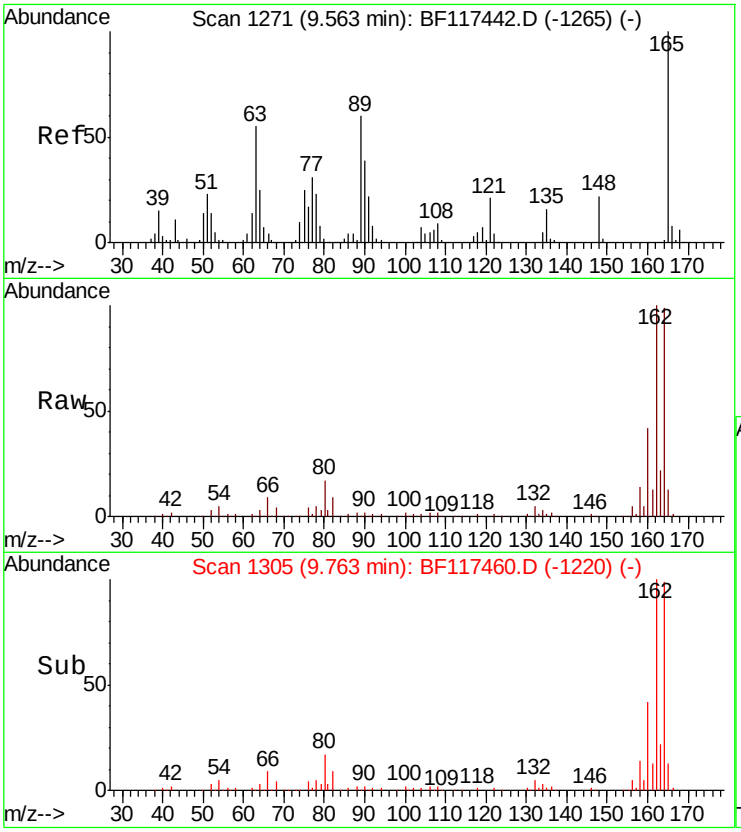


#50
Dimethylphthalate
Concen: 5.455 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF117460.D
Acq: 21 Oct 2019 21:08

Tgt Ion:163 Resp: 55730

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.9	4.3
164	11.0	8.2	12.2



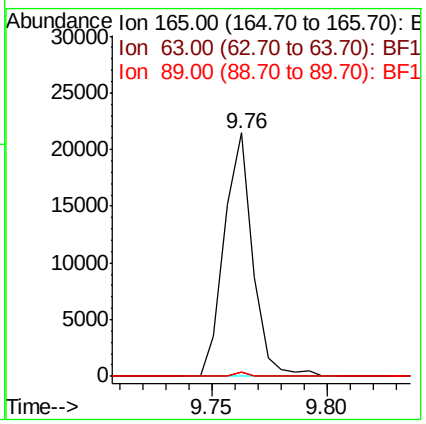


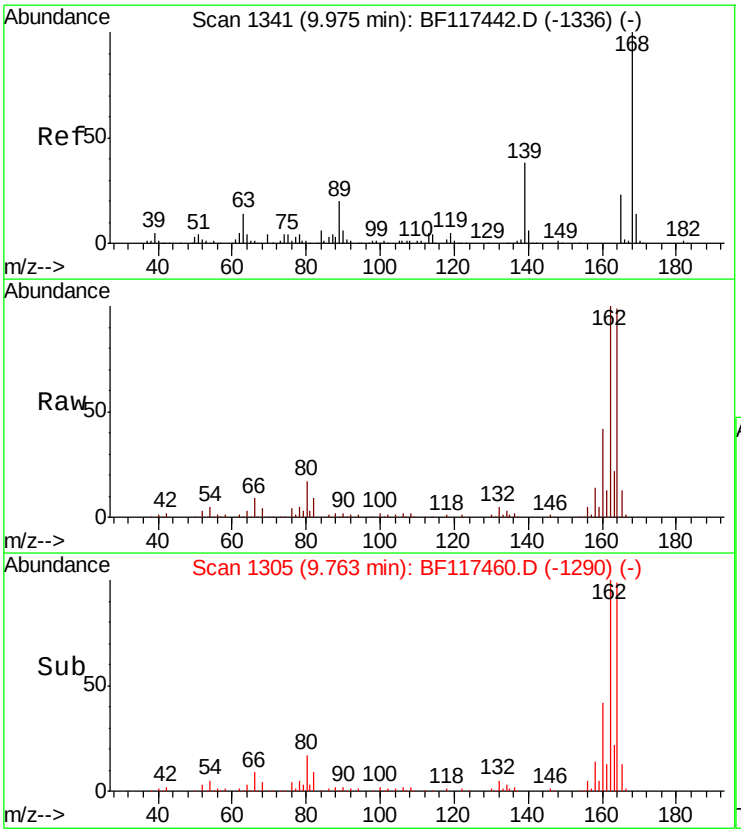
#51
2,6-Dinitrotoluene
Concen: 8.608 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.20 min
Lab File: BF117460.D
Acq: 21 Oct 2019 21:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 18351

Ion	Ratio	Lower	Upper
165	100		
63	1.7	43.8	65.8#
89	1.9	47.6	71.4#

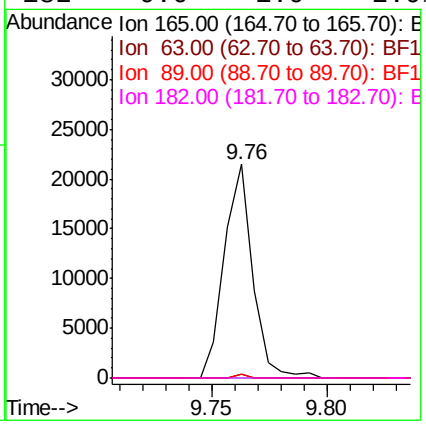


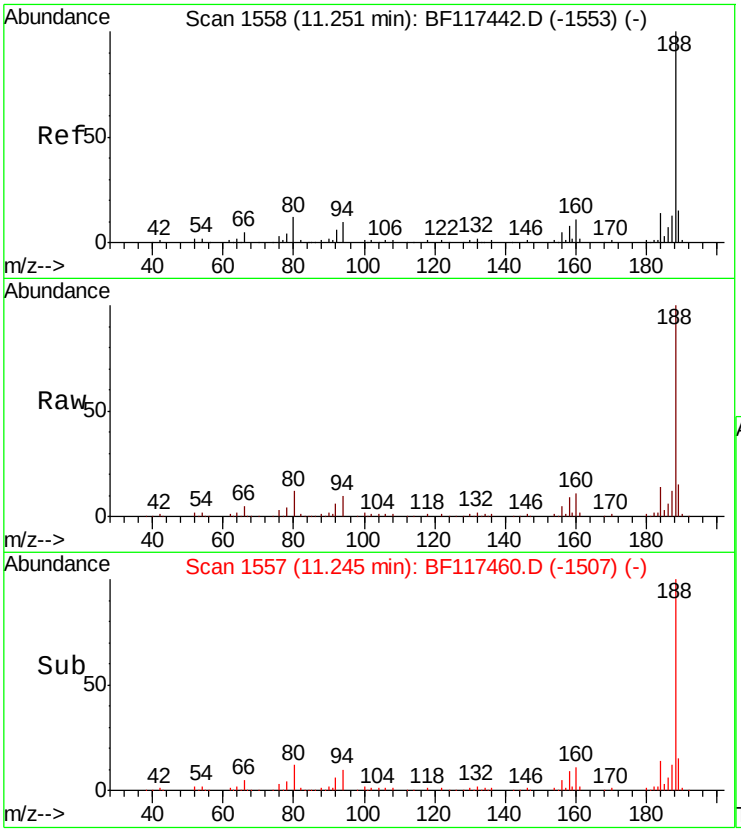


#57
2,4-Dinitrotoluene
Concen: 6.474 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.21 min
Lab File: BF117460.D
Acq: 21 Oct 2019 21:08

Tgt Ion:165 Resp: 18351

Ion	Ratio	Lower	Upper
165	100		
63	1.7	51.4	77.0#
89	1.9	69.9	104.9#
182	0.0	1.9	2.9#



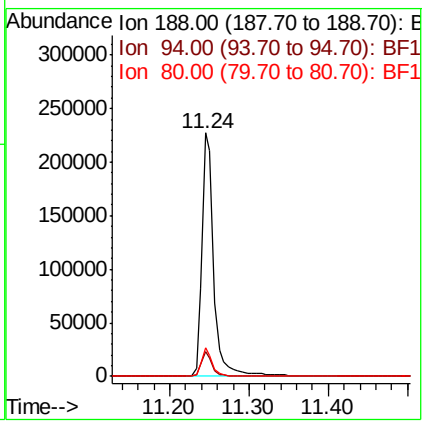


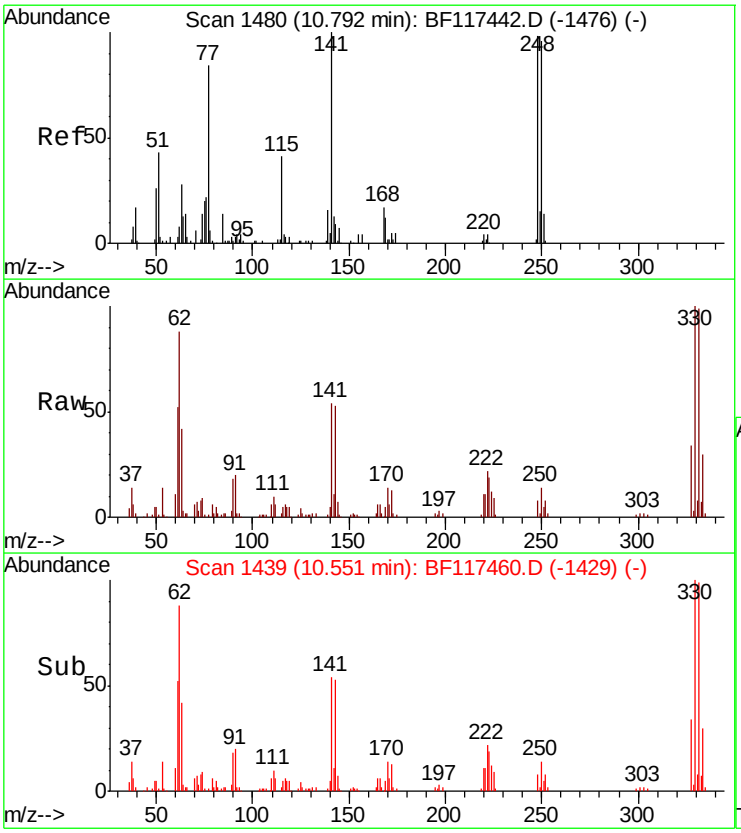
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF117460.D
Acq: 21 Oct 2019 21:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 239817

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.0	12.0
80	11.6	9.5	14.3

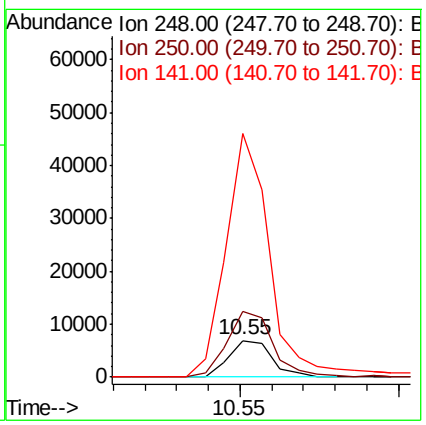


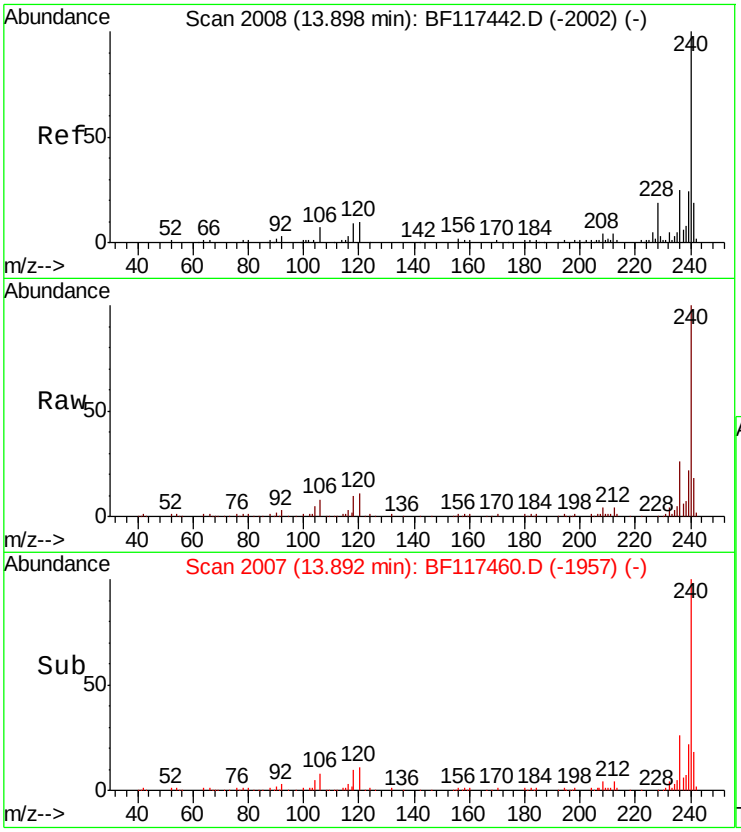


#67
4-Bromophenyl-phenylether
Concen: 2.475 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF117460.D
Acq: 21 Oct 2019 21:08

Tgt Ion:248 Resp: 6392

Ion	Ratio	Lower	Upper
248	100		
250	179.3	78.0	117.0#
141	667.3	81.7	122.5#



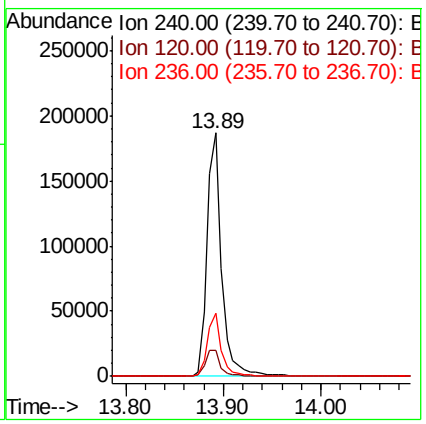


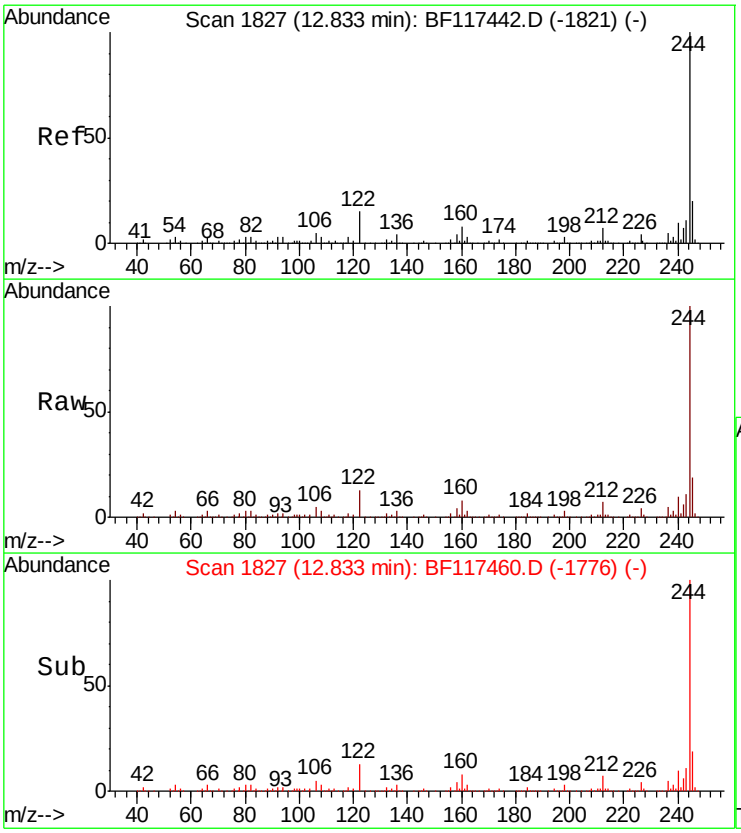
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF117460.D
Acq: 21 Oct 2019 21:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 193576

Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.4	12.6
236	26.1	20.0	30.0

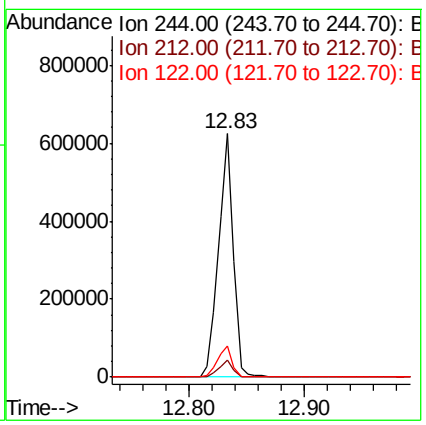


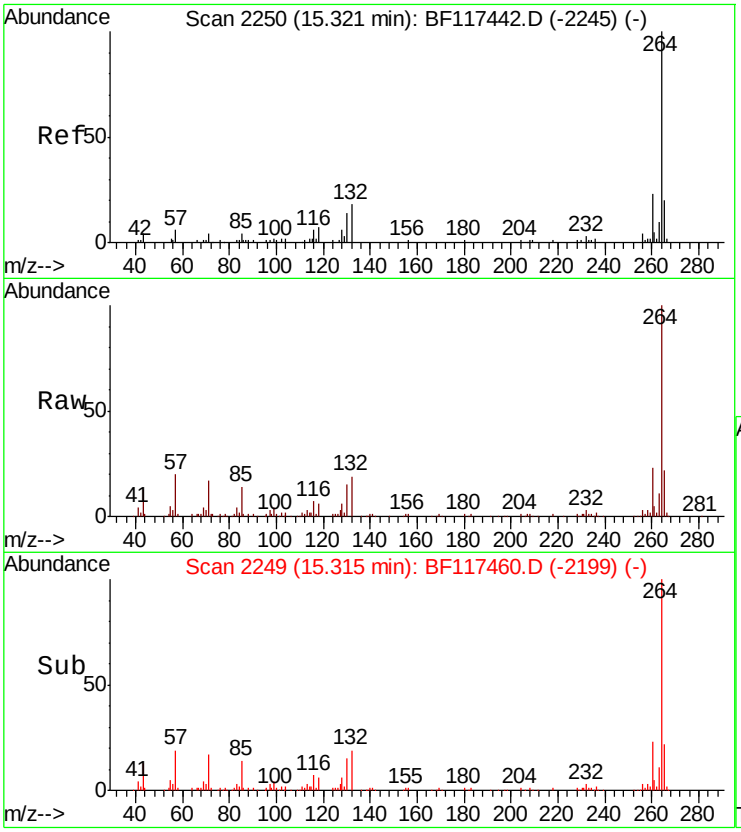


#79
Terphenyl-d14
Concen: 47.072 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BF117460.D
Acq: 21 Oct 2019 21:08

Tgt Ion:244 Resp: 558633

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.6
122	13.0	11.8	17.8





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2249
Delta R.T. -0.01 min
Lab File: BF117460.D
Acq: 21 Oct 2019 21:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 189291

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.4	27.6
265	21.6	16.1	24.1