Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100219\
Data File : BF117311.D
Acq On : 2 Oct 2019 20:29
Operator : JU
Sample : K5131-18
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 03 01:32:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 16:23:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	23434	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	89099	20.00	ng	-0.01
39) Acenaphthene-d10	9.84	164	47740	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	83828	20.00	ng	0.00
76) Chrysene-d12	13.97	240	60683	20.00	ng	0.00
87) Perylene-d12	15.43	264	55296	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	169998	113.26	ng	0.00
7) Phenol-d6	6.45	99	199923	103.06	ng	0.00
23) Nitrobenzene-d5	7.37	82	151089	89.10	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	58617	146.91	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	298167	97.66	ng	-0.01
79) Terphenyl-d14	12.91	244	319491	98.41	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.58	77	4664	Below Cal	#	71
19) n-Nitroso-di-n-propylamine	7.37	70	20416	17.284	ng	# 84
25) Isophorone	7.37	82	151087	50.321	ng	# 66
50) Dimethylphthalate	9.56	163	20999	6.212	ng	99
51) 2,6-Dinitrotoluene	9.84	165	5792	8.413	ng	# 24
57) 2,4-Dinitrotoluene	9.84	165	5792	6.481	ng	# 18
67) 4-Bromophenyl-phenylether	10.63	248	3300	3.855	ng	# 1
77) Benzidine	12.91	184	4259	2.179	ng	# 92

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

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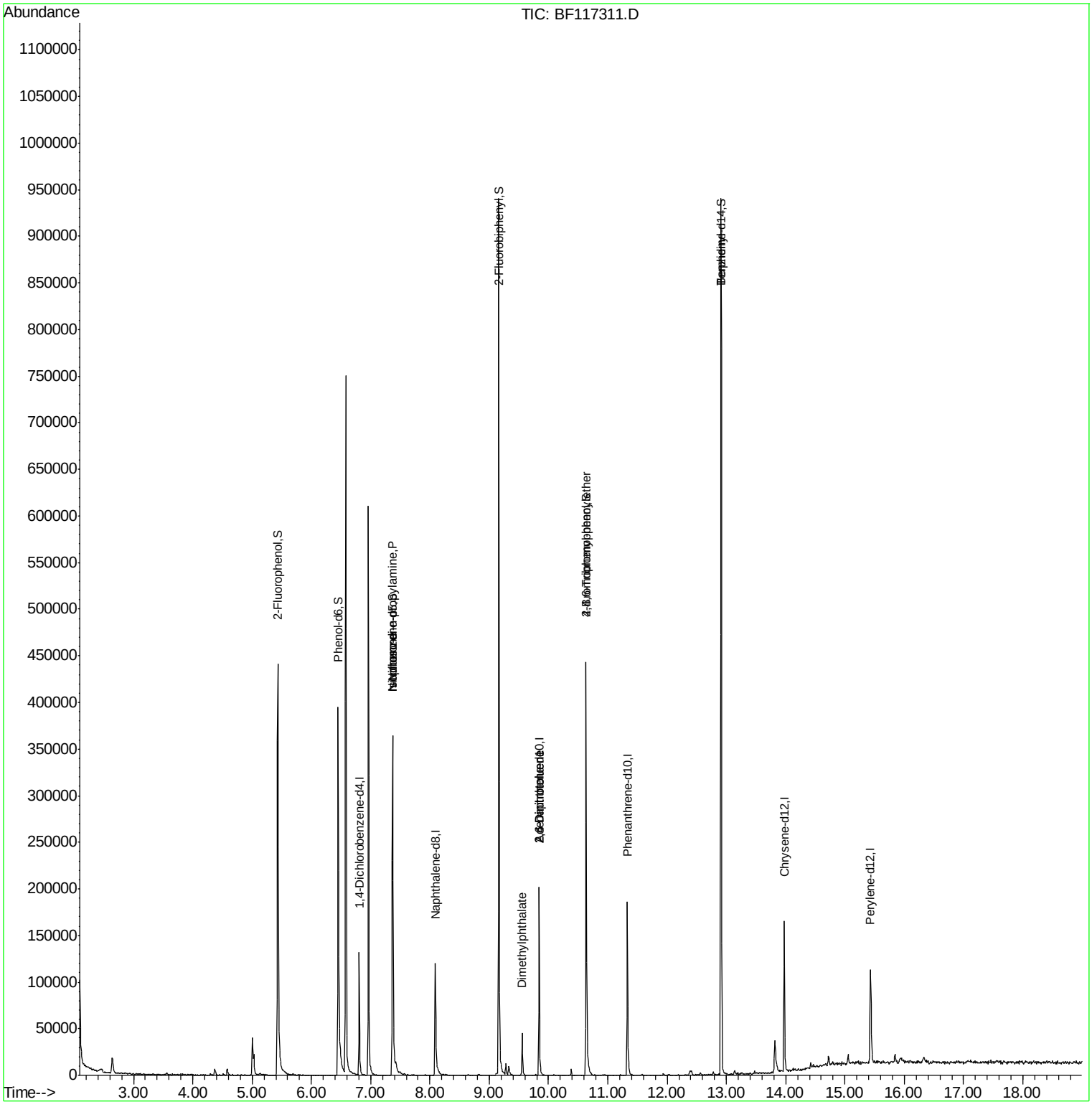
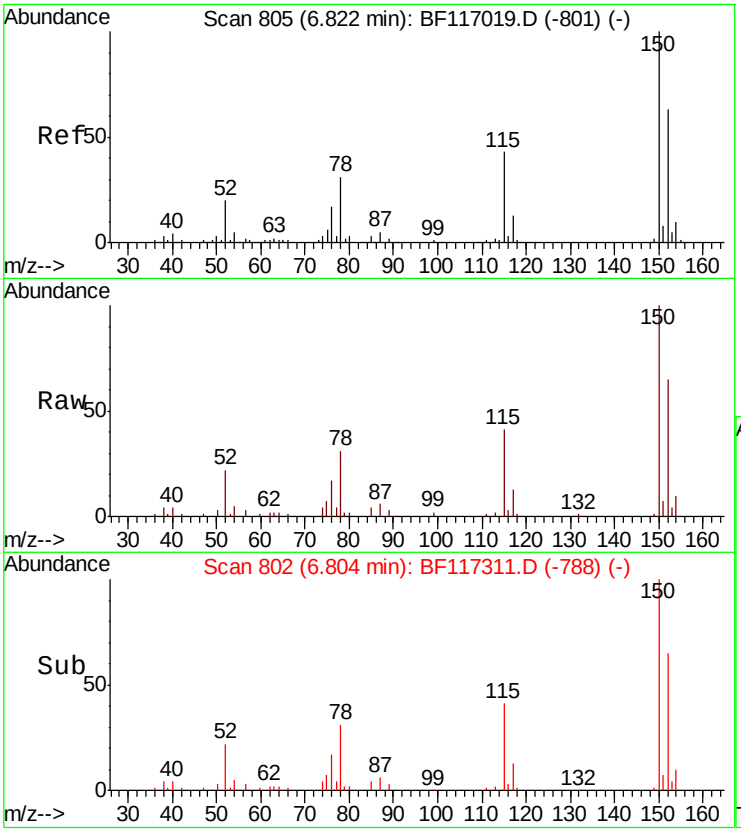


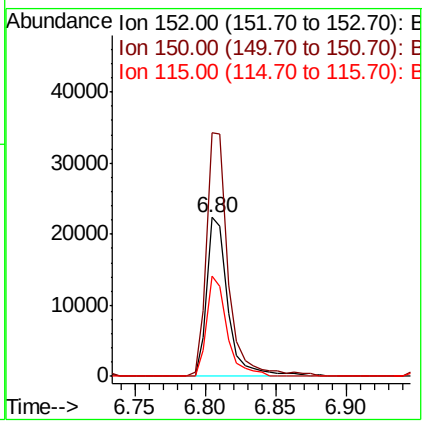


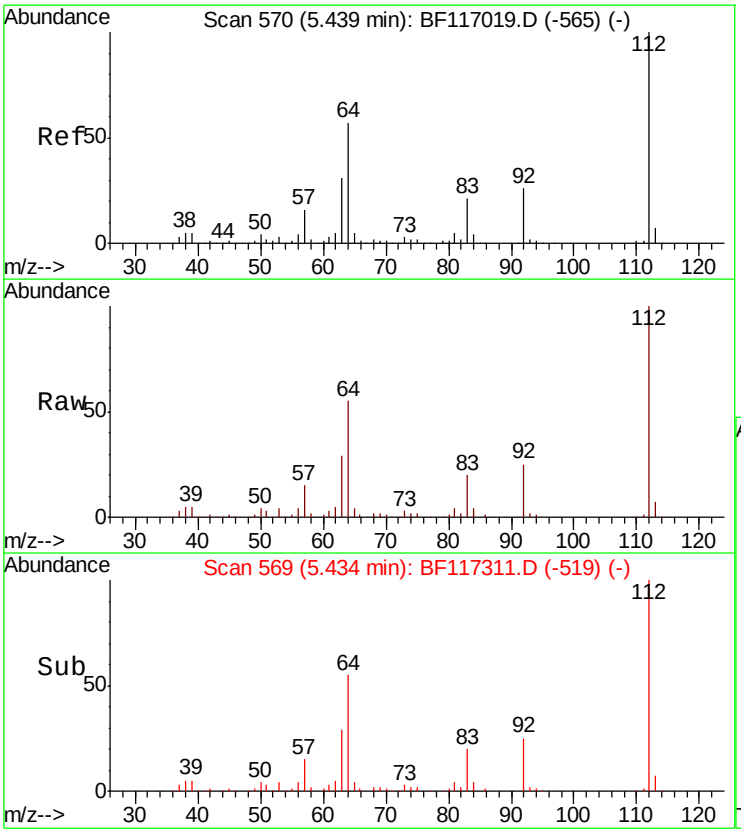
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF117311.D
Acq: 2 Oct 2019 20:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 23434

Ion	Ratio	Lower	Upper
152	100		
150	153.5	127.5	191.3
115	63.5	55.0	82.4

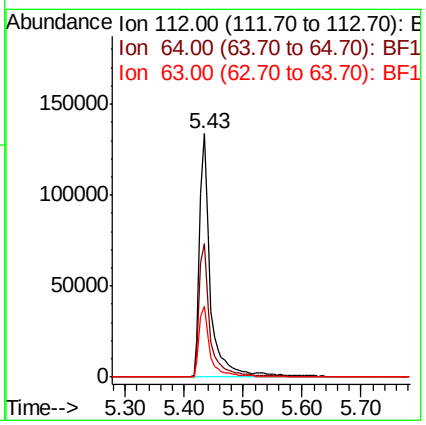


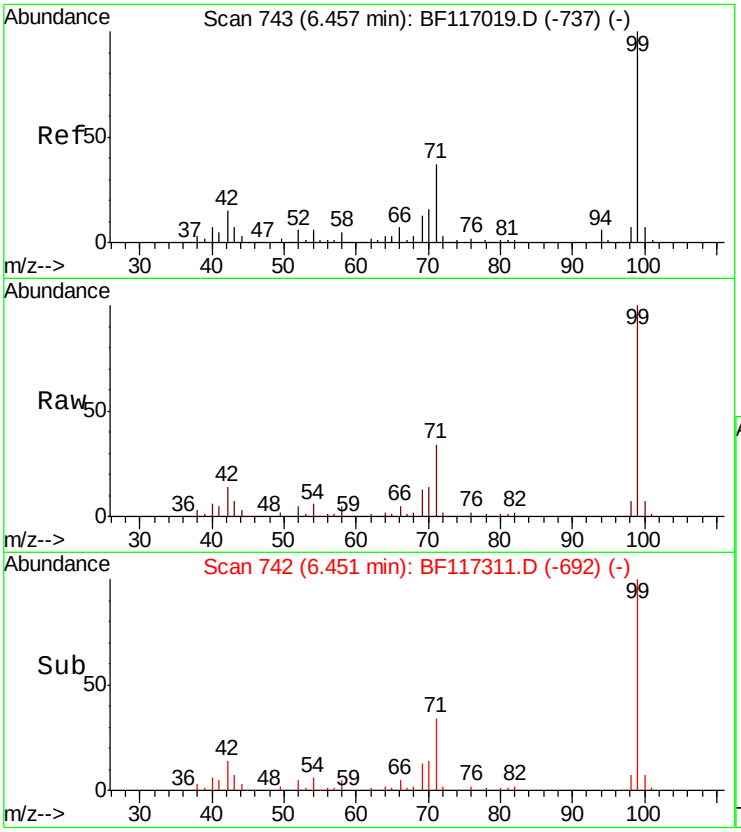


#5
2-Fluorophenol
Concen: 113.258 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF117311.D
Acq: 2 Oct 2019 20:29

Tgt Ion:112 Resp: 169998

Ion	Ratio	Lower	Upper
112	100		
64	54.6	45.7	68.5
63	29.2	24.9	37.3



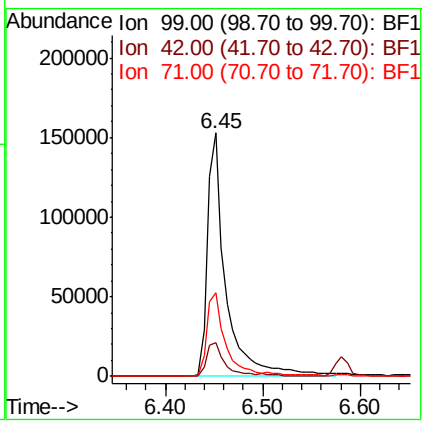


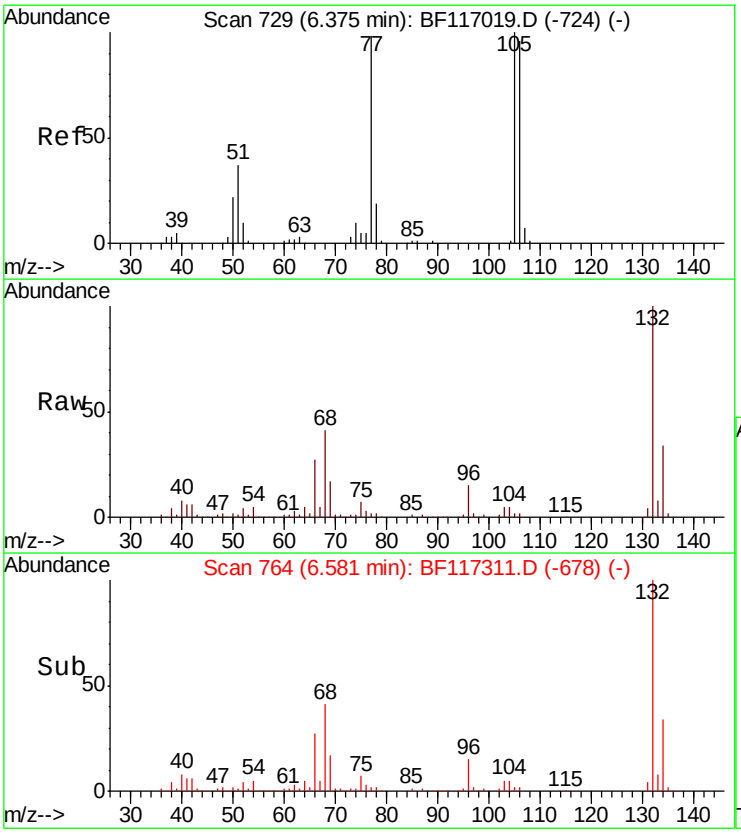
#7
Phenol-d6
Concen: 103.063 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF117311.D
Acq: 2 Oct 2019 20:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 199923

Ion	Ratio	Lower	Upper
99	100		
42	13.8	12.2	18.2
71	34.3	29.8	44.8

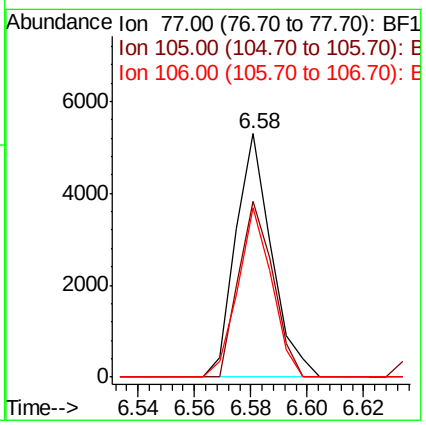


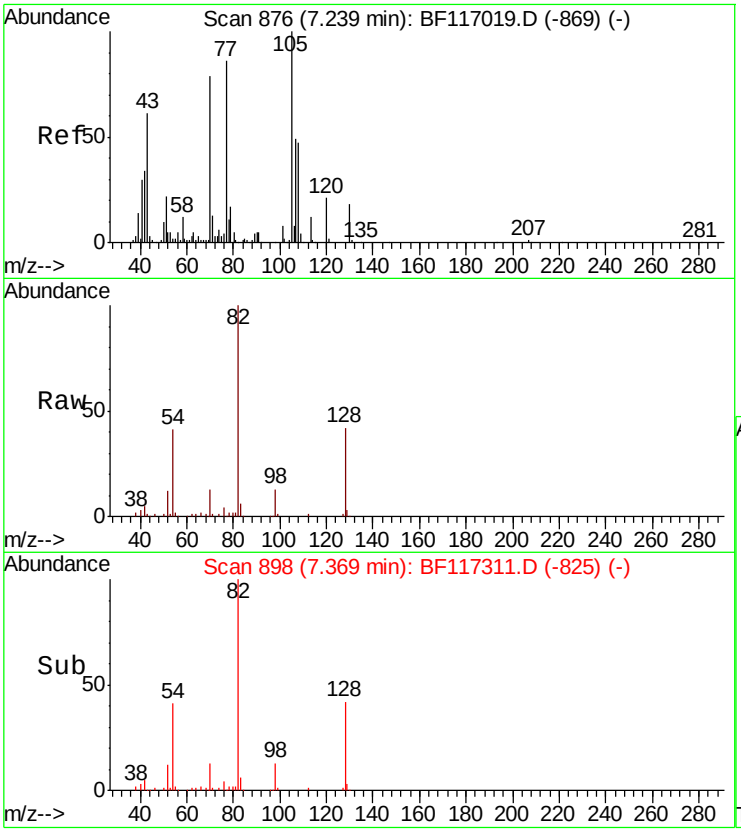


#9
Benzaldehyde
Concen: Below Cal
RT: 6.58 min Scan# 764
Delta R.T. 0.21 min
Lab File: BF117311.D
Acq: 2 Oct 2019 20:29

Tgt Ion: 77 Resp: 4664

Ion	Ratio	Lower	Upper
77	100		
105	72.2	81.8	121.8#
106	69.8	77.3	117.3#



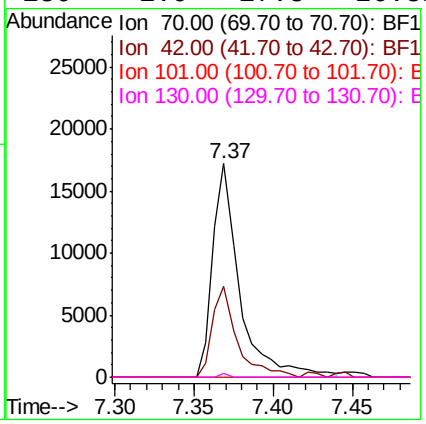


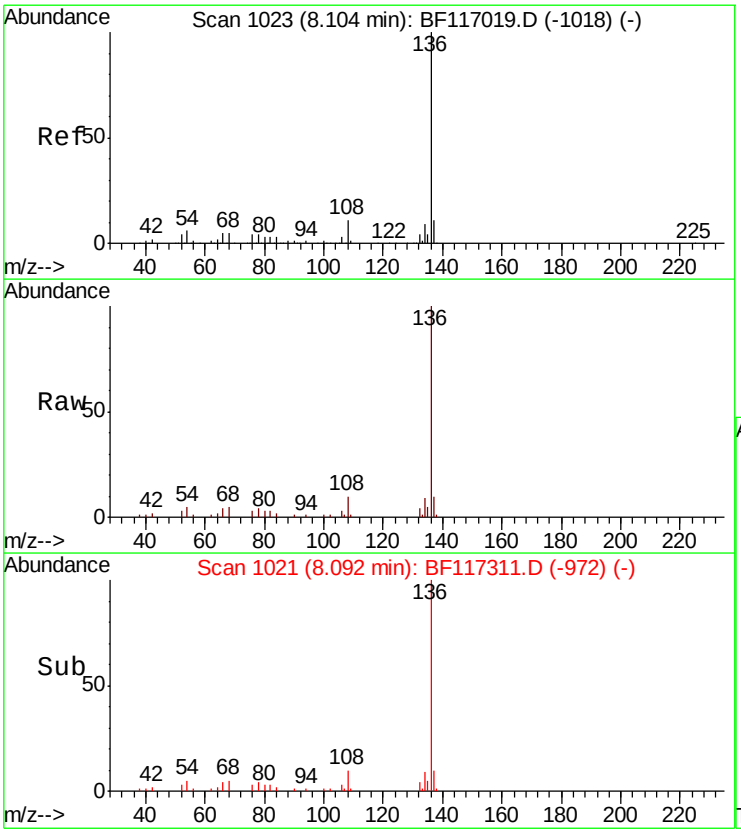
#19
n-Nitroso-di-n-propylamine
Concen: 17.284 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.13 min
Lab File: BF117311.D
Acq: 2 Oct 2019 20:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 20416

Ion	Ratio	Lower	Upper
70	100		
42	42.8	34.0	51.0
101	0.0	7.8	11.6#
130	1.9	17.8	26.8#

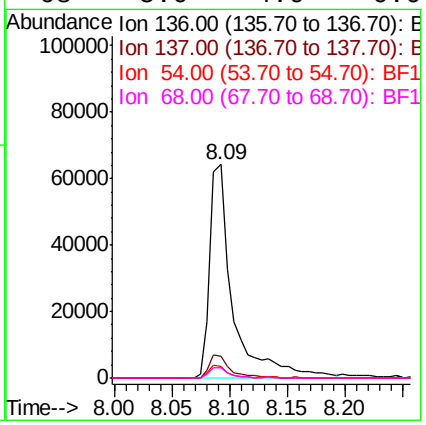


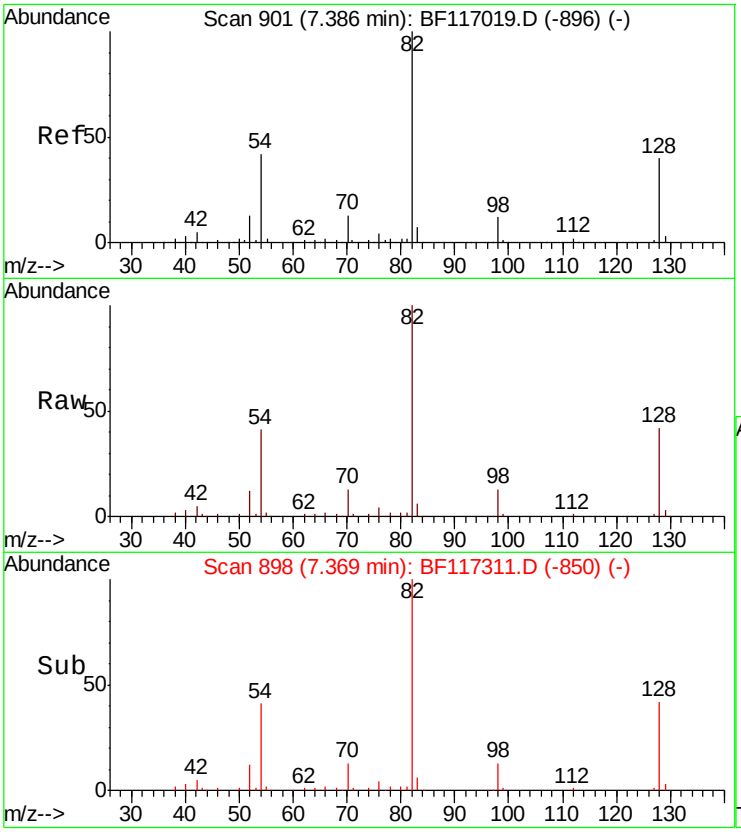


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF117311.D
Acq: 2 Oct 2019 20:29

Tgt Ion:136 Resp: 89099

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.0	13.4
54	5.1	4.5	6.7
68	5.0	4.0	6.0



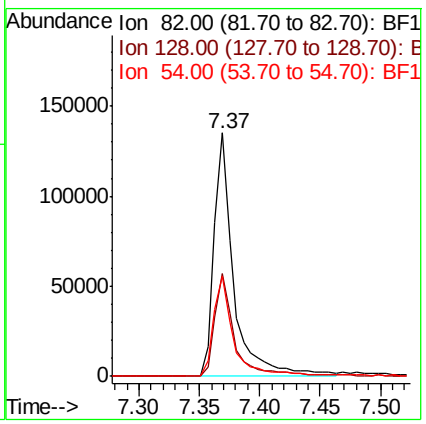


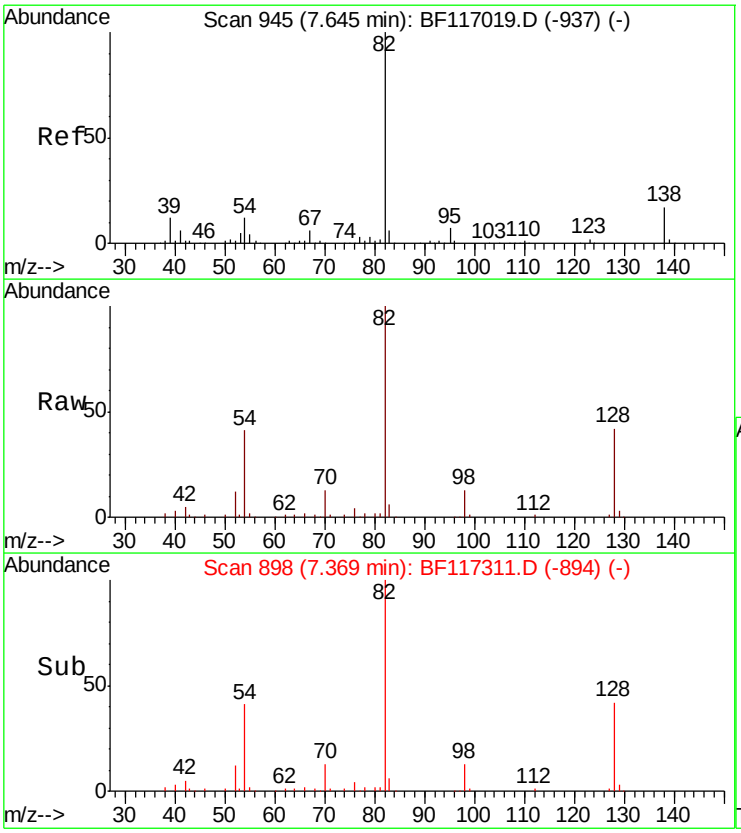
#23
Nitrobenzene-d5
Concen: 89.098 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF117311.D
Acq: 2 Oct 2019 20:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 151089

Ion	Ratio	Lower	Upper
82	100		
128	42.4	32.3	48.5
54	41.3	33.3	49.9

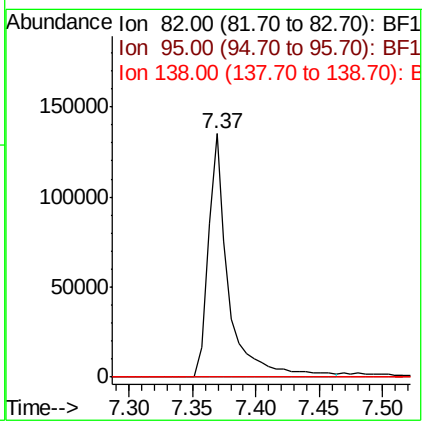


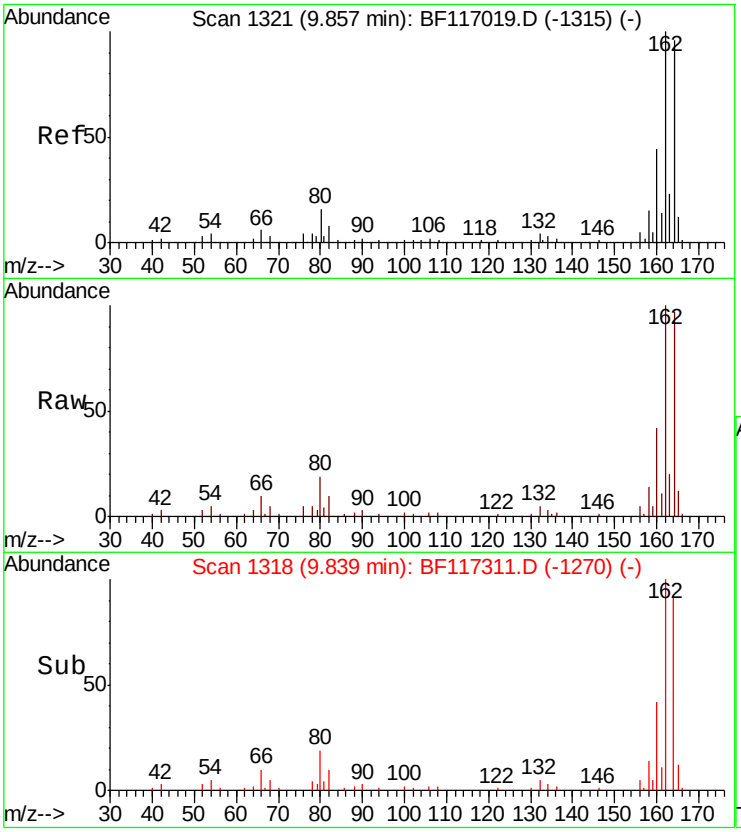


#25
Isophorone
Concen: 50.321 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.28 min
Lab File: BF117311.D
Acq: 2 Oct 2019 20:29

Tgt Ion: 82 Resp: 151087

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	13.5	20.3#



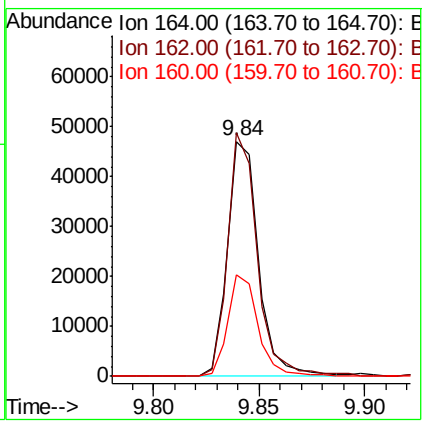


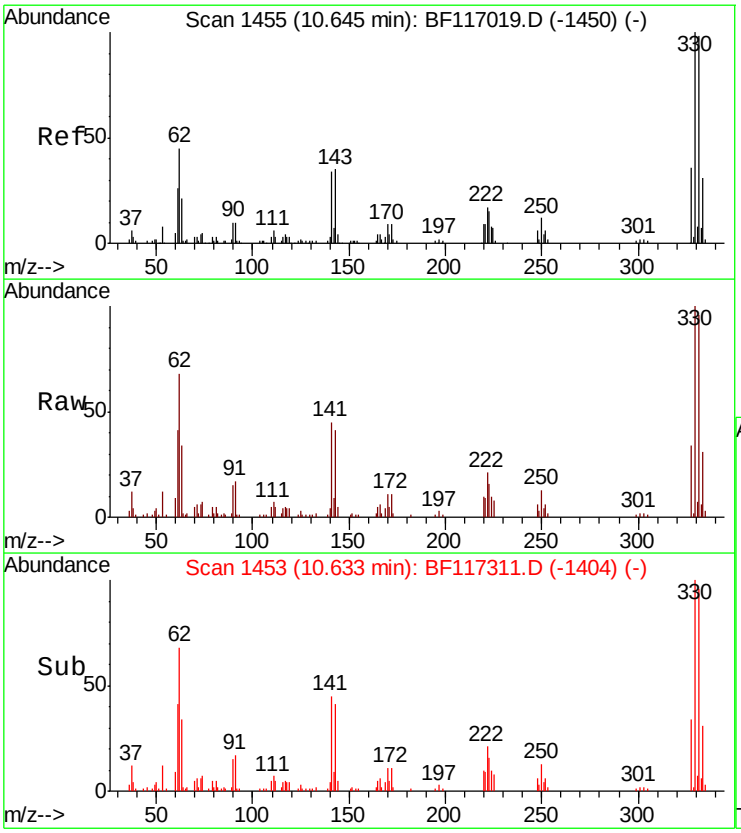
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.02 min
Lab File: BF117311.D
Acq: 2 Oct 2019 20:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 47740

Ion	Ratio	Lower	Upper
164	100		
162	103.5	83.4	125.2
160	43.2	36.4	54.6

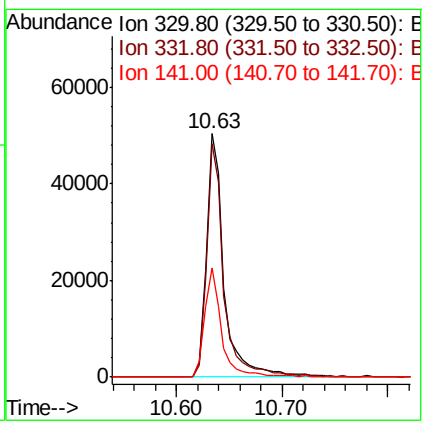


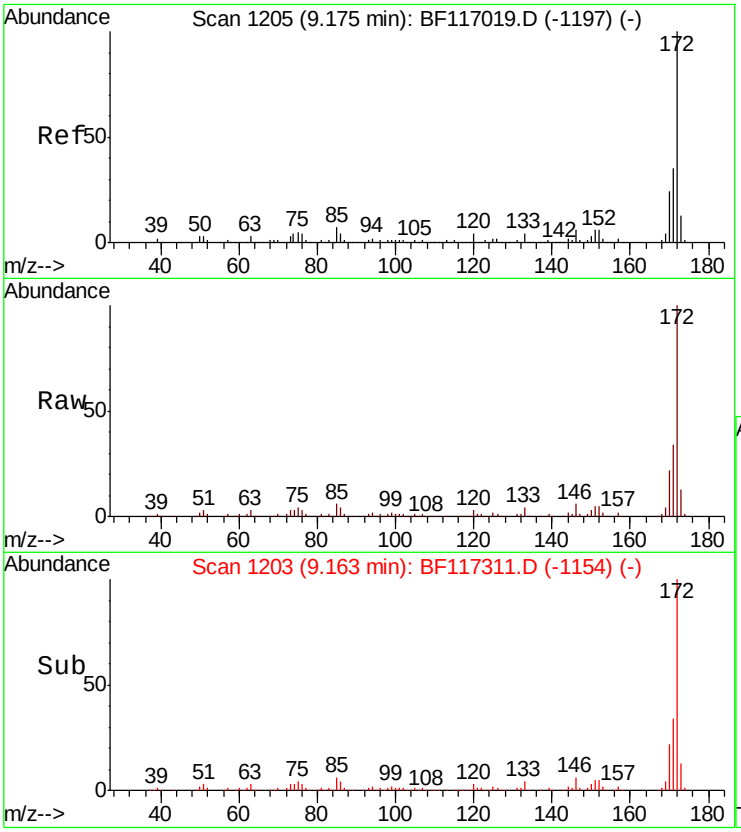


#42
2,4,6-Tribromophenol
Concen: 146.911 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF117311.D
Acq: 2 Oct 2019 20:29

Tgt Ion:330 Resp: 58617

Ion	Ratio	Lower	Upper
330	100		
332	94.0	78.0	117.0
141	43.0	35.8	53.6



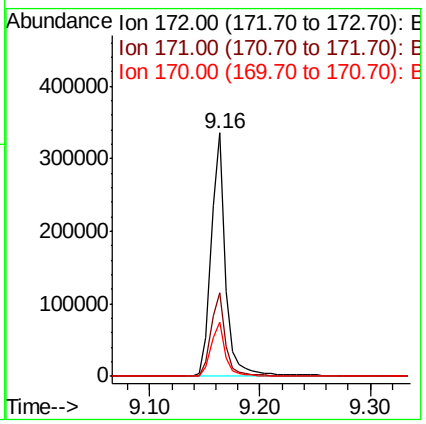


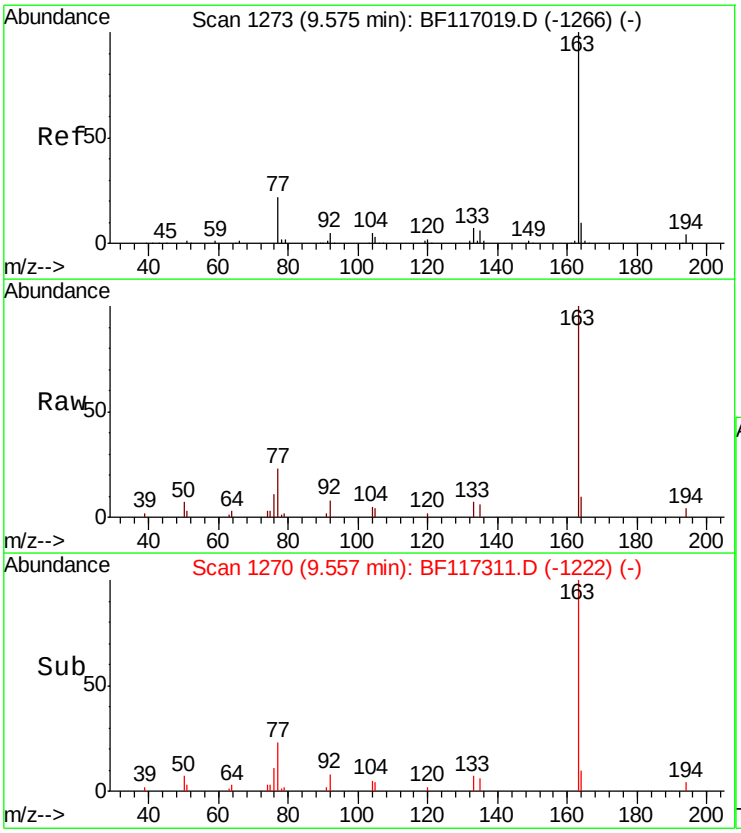
#45
2-Fluorobiphenyl
Concen: 97.655 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF117311.D
Acq: 2 Oct 2019 20:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 298167

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.2	42.2
170	22.3	18.9	28.3

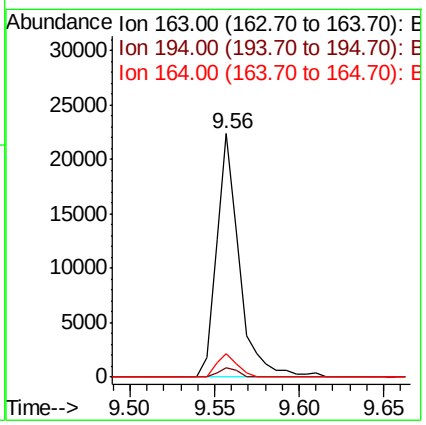


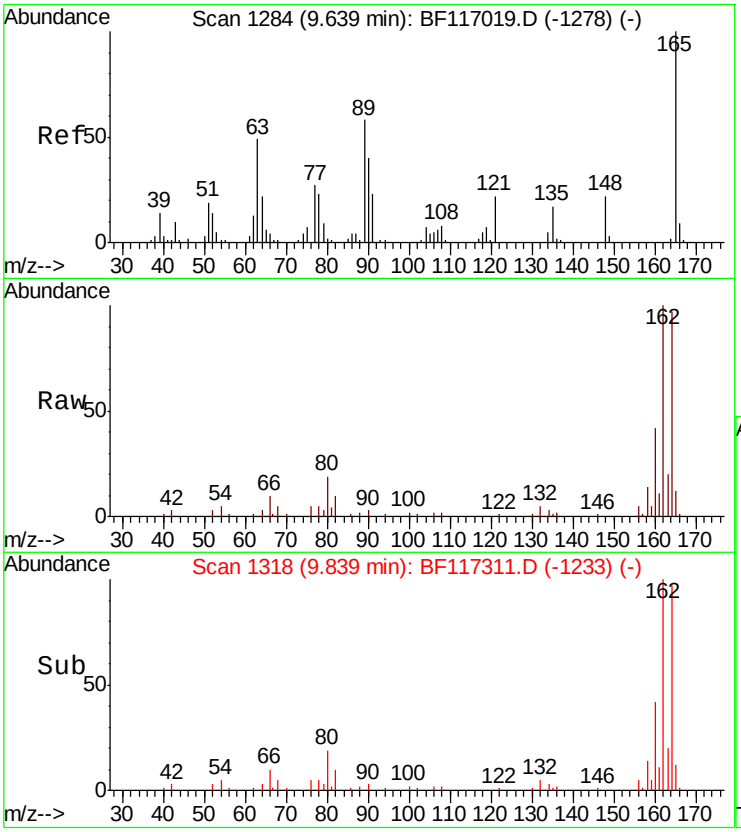


#50
Dimethylphthalate
Concen: 6.212 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF117311.D
Acq: 2 Oct 2019 20:29

Tgt Ion:163 Resp: 20999

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.9	4.3
164	9.8	8.2	12.4



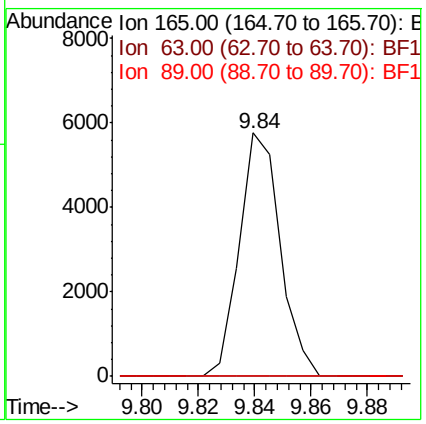


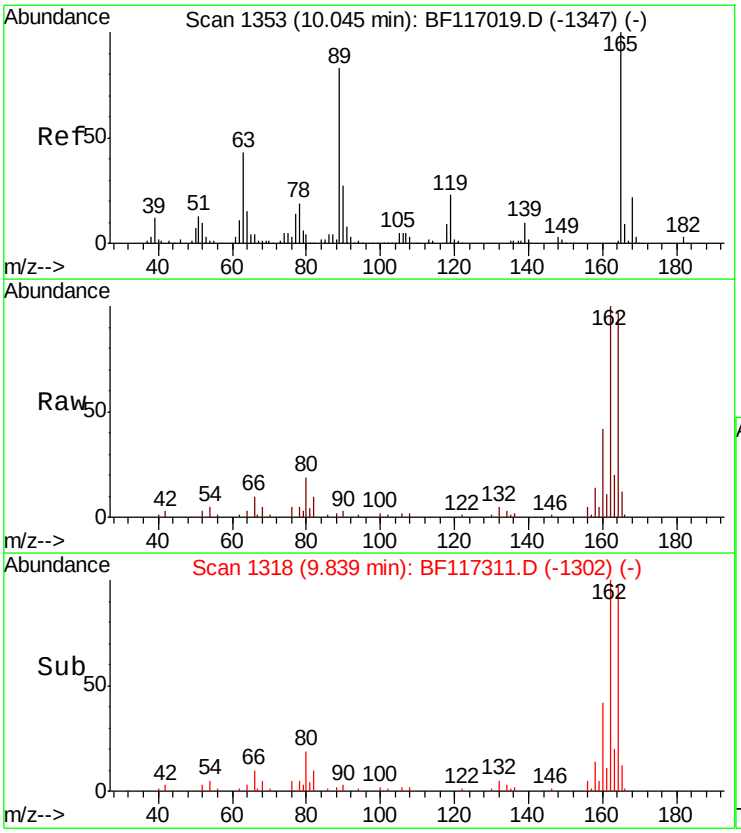
#51
2,6-Dinitrotoluene
Concen: 8.413 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.20 min
Lab File: BF117311.D
Acq: 2 Oct 2019 20:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 5792

Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.8	62.8#
89	0.0	46.5	69.7#

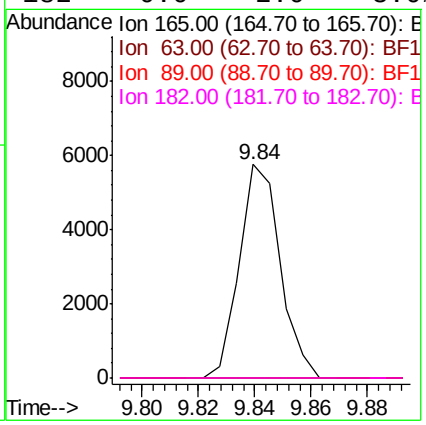


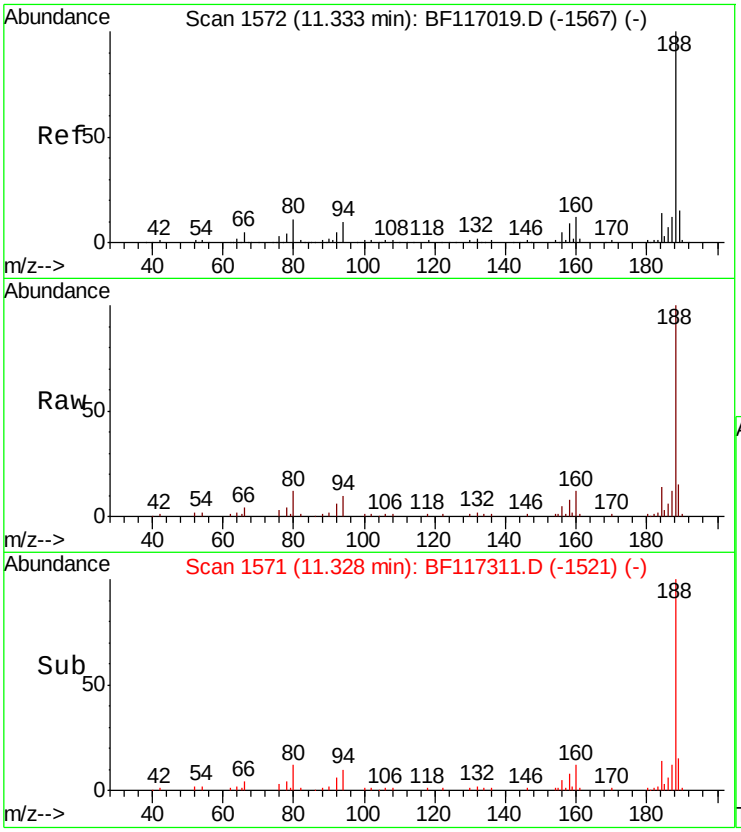


#57
2,4-Dinitrotoluene
Concen: 6.481 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.21 min
Lab File: BF117311.D
Acq: 2 Oct 2019 20:29

Tgt Ion:165 Resp: 5792

Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.0	52.4#
89	0.0	66.1	99.1#
182	0.0	2.0	3.0#



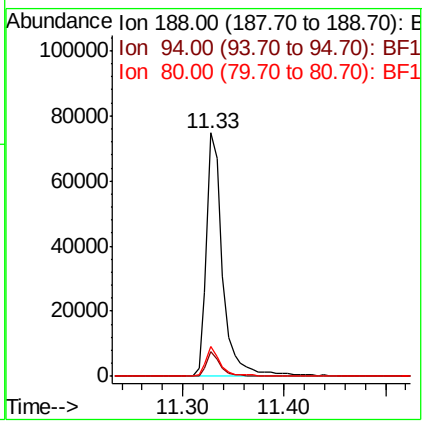


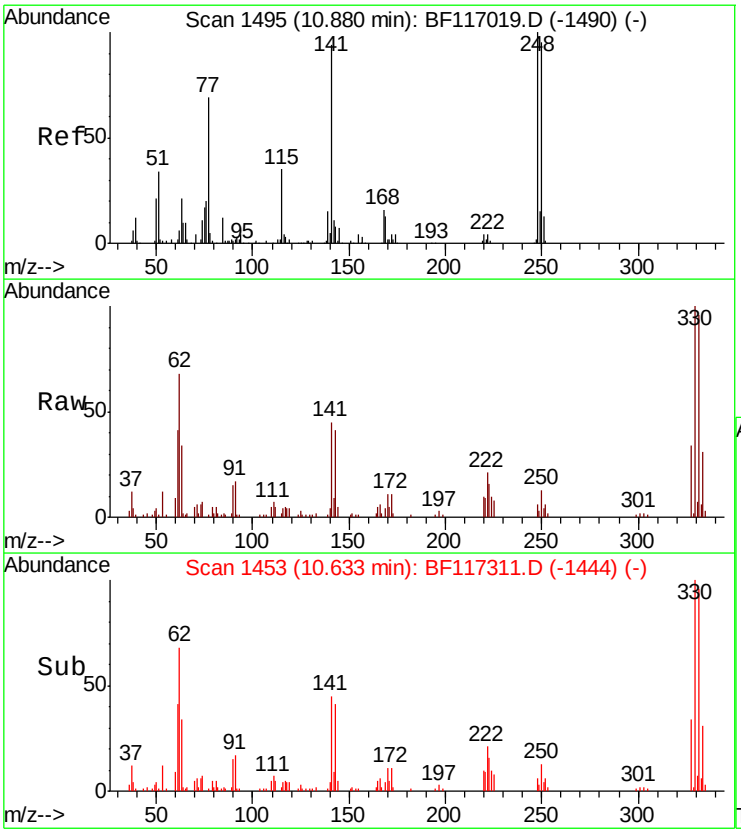
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF117311.D
Acq: 2 Oct 2019 20:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 83828

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.2	12.2
80	12.1	9.0	13.6

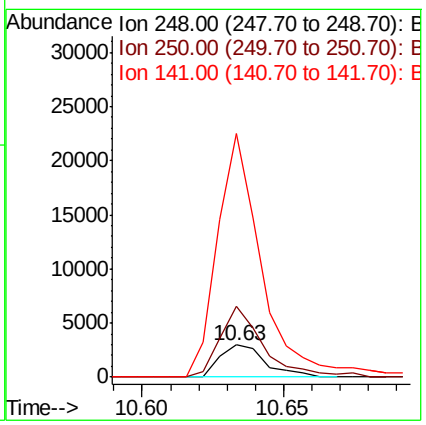


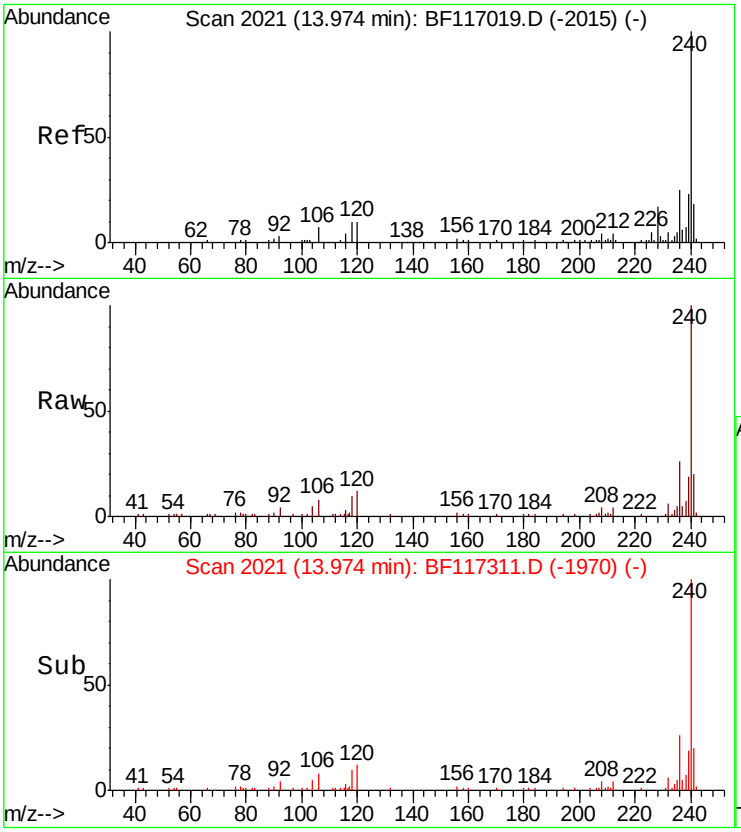


#67
4-Bromophenyl-phenylether
Concen: 3.855 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.25 min
Lab File: BF117311.D
Acq: 2 Oct 2019 20:29

Tgt Ion:248 Resp: 3300

Ion	Ratio	Lower	Upper
248	100		
250	219.1	76.2	114.4#
141	758.5	75.0	112.4#



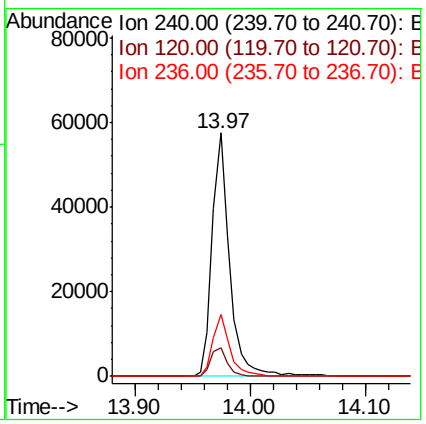


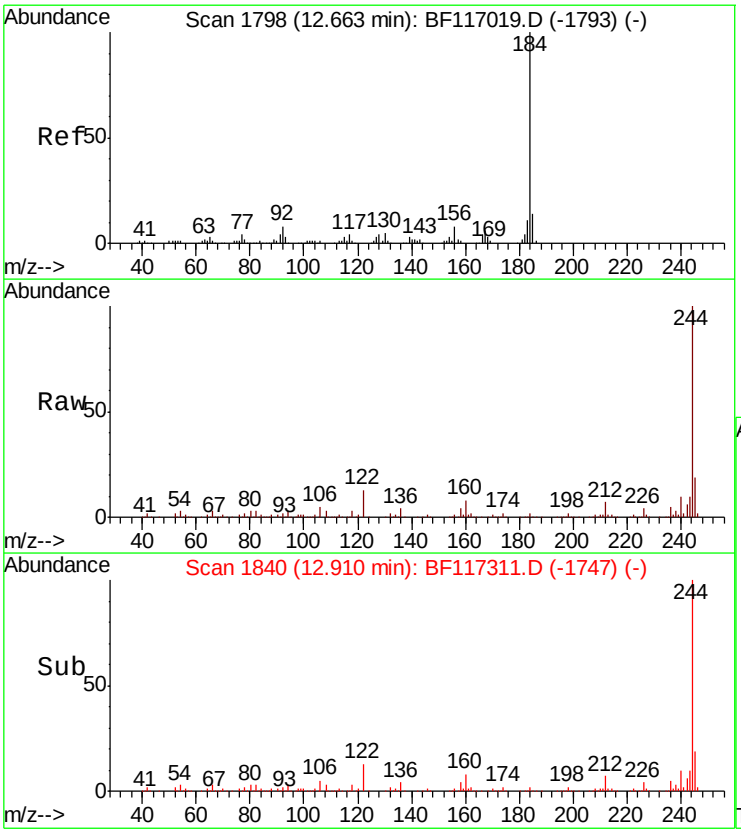
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF117311.D
Acq: 2 Oct 2019 20:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 60683

Ion	Ratio	Lower	Upper
240	100		
120	11.6	8.3	12.5
236	25.6	20.3	30.5

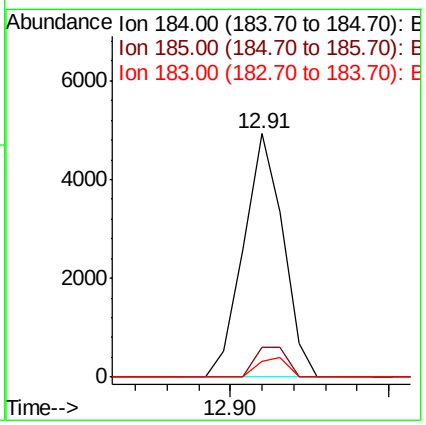


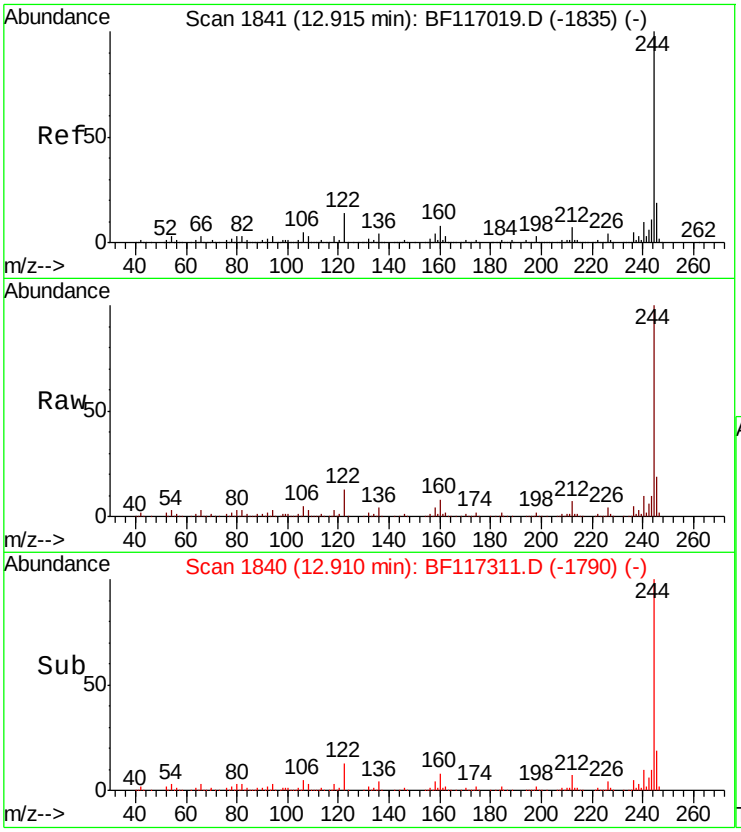


#77
Benzidine
Concen: 2.179 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.25 min
Lab File: BF117311.D
Acq: 2 Oct 2019 20:29

Tgt Ion:184 Resp: 4259

Ion	Ratio	Lower	Upper
184	100		
185	12.3	11.6	17.4
183	6.4	9.0	13.4#



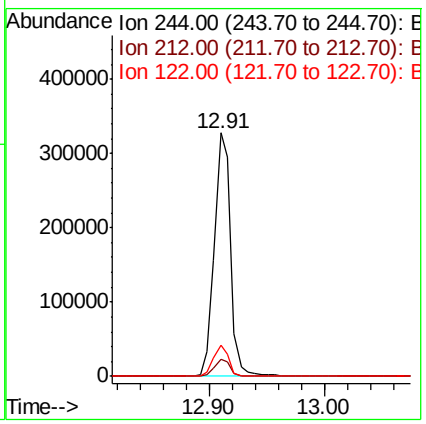


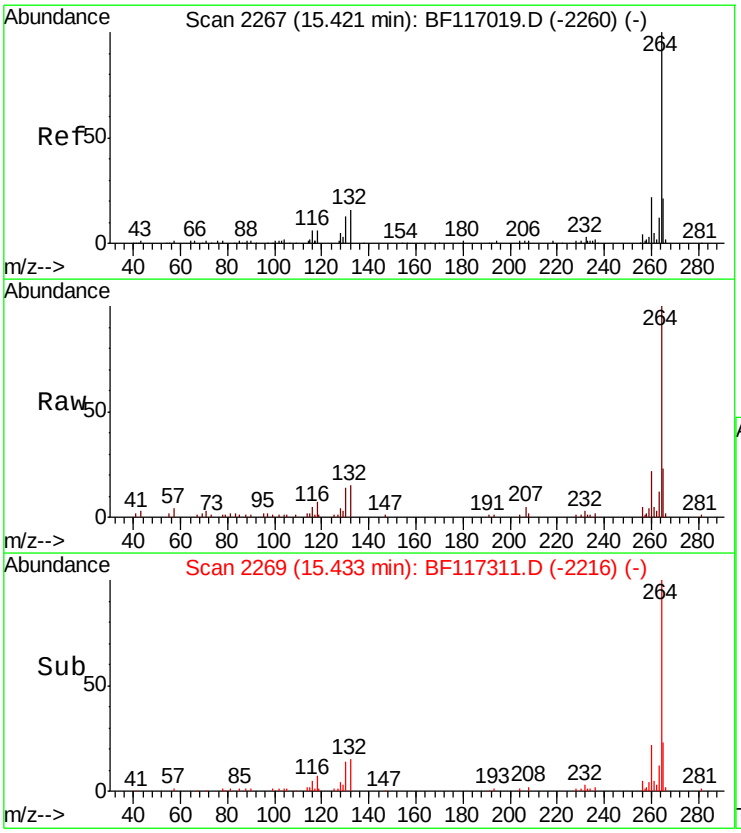
#79
Terphenyl-d14
Concen: 98.413 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF117311.D
Acq: 2 Oct 2019 20:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 319491

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	12.9	11.3	16.9





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF117311.D
Acq: 2 Oct 2019 20:29

Tgt Ion:264 Resp: 55296

Ion	Ratio	Lower	Upper
264	100		
260	22.2	17.6	26.4
265	22.5	16.6	24.8