Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100819\
Data File : BF117349.D
Acq On : 8 Oct 2019 19:10
Operator : JU
Sample : K5238-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 09 01:31:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:26:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	45864	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	181780	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	95327	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	161851	20.00	ng	0.00
76) Chrysene-d12	13.97	240	134286	20.00	ng	0.00
87) Perylene-d12	15.42	264	119749	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	373156	127.03	ng	0.01
7) Phenol-d6	6.45	99	474699	125.04	ng	0.00
23) Nitrobenzene-d5	7.36	82	310884	89.86	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	113969	143.05	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	576464	94.55	ng	0.00
79) Terphenyl-d14	12.91	244	632946	88.10	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.45	77	526	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.36	70	39355	17.024	ng	# 81
25) Isophorone	7.36	82	310883	50.751	ng	# 66
51) 2,6-Dinitrotoluene	9.83	165	11586	8.428	ng	# 24
57) 2,4-Dinitrotoluene	9.83	165	11586	6.493	ng	# 18
67) 4-Bromophenyl-phenylether	10.63	248	7121	4.308	ng	# 1
77) Benzidine	12.90	184	8844	2.045	ng	# 94

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

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QLast Update : Wed Oct 09 01:26:00 2019
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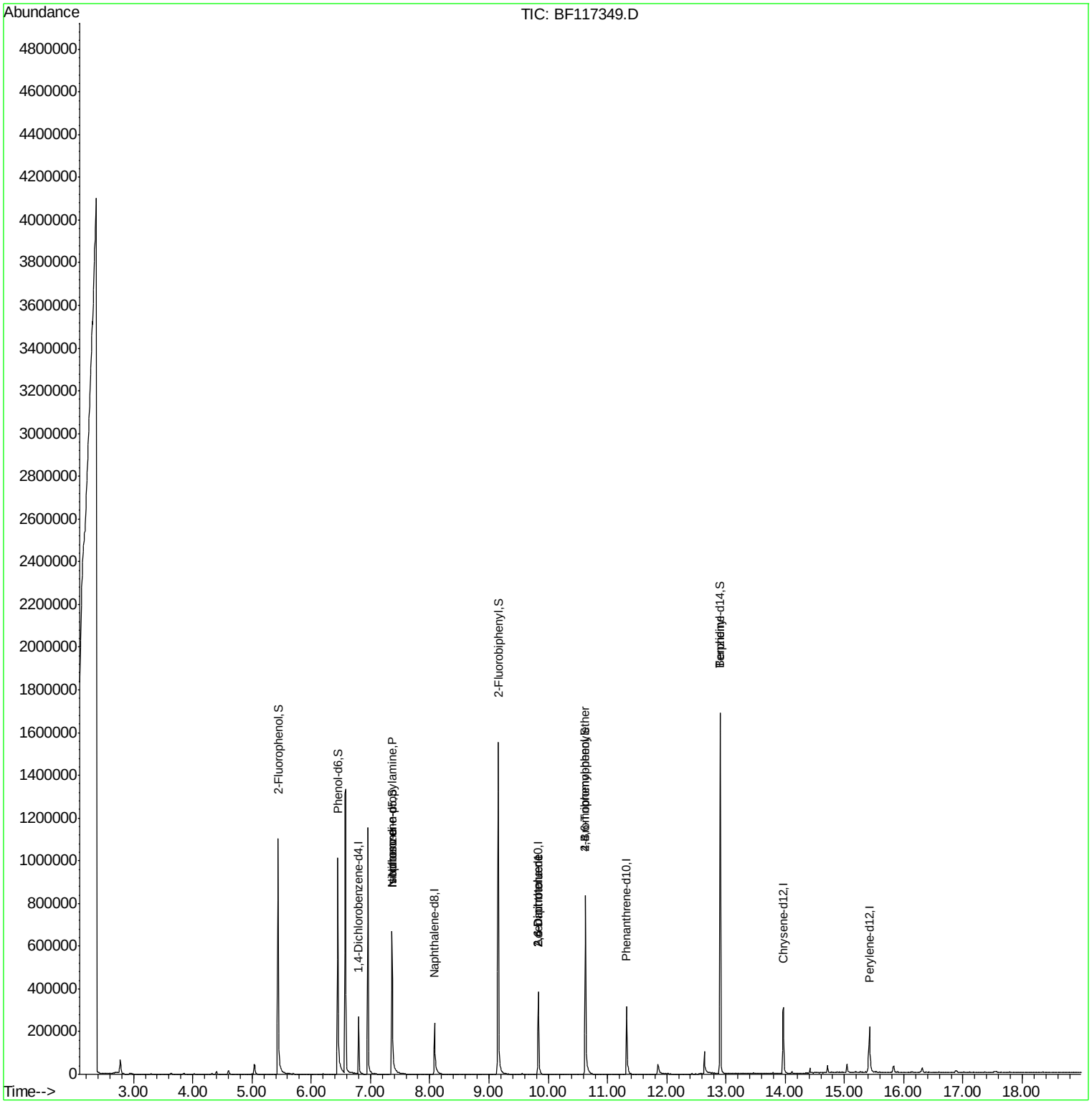
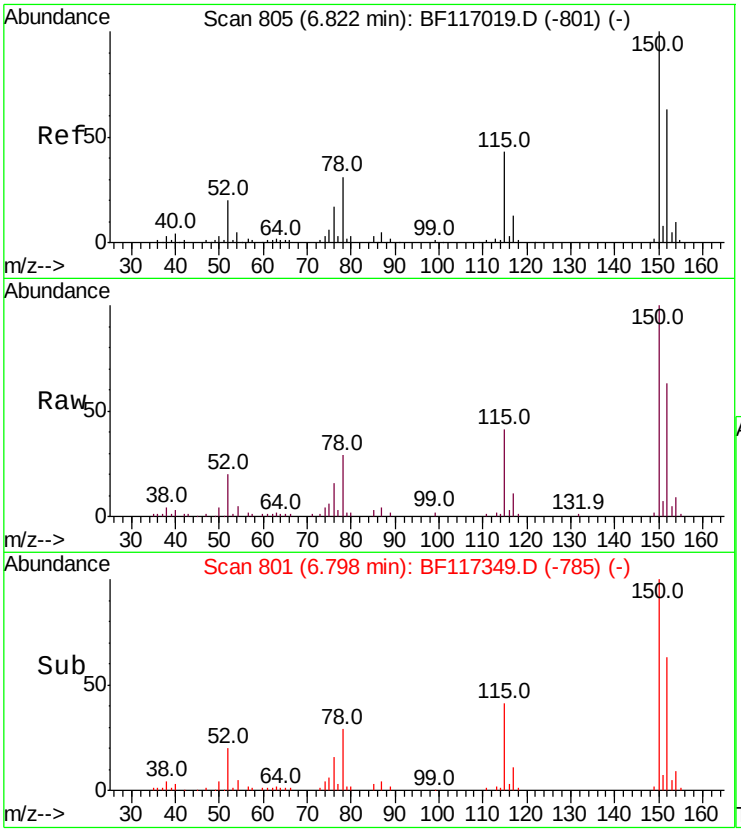


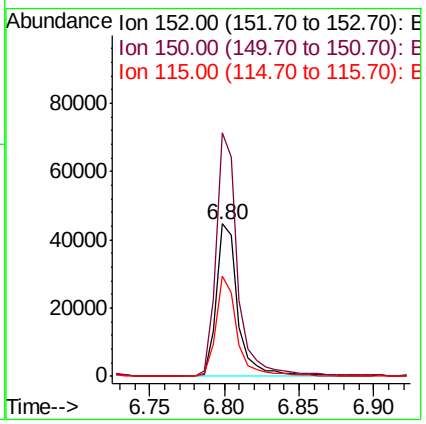


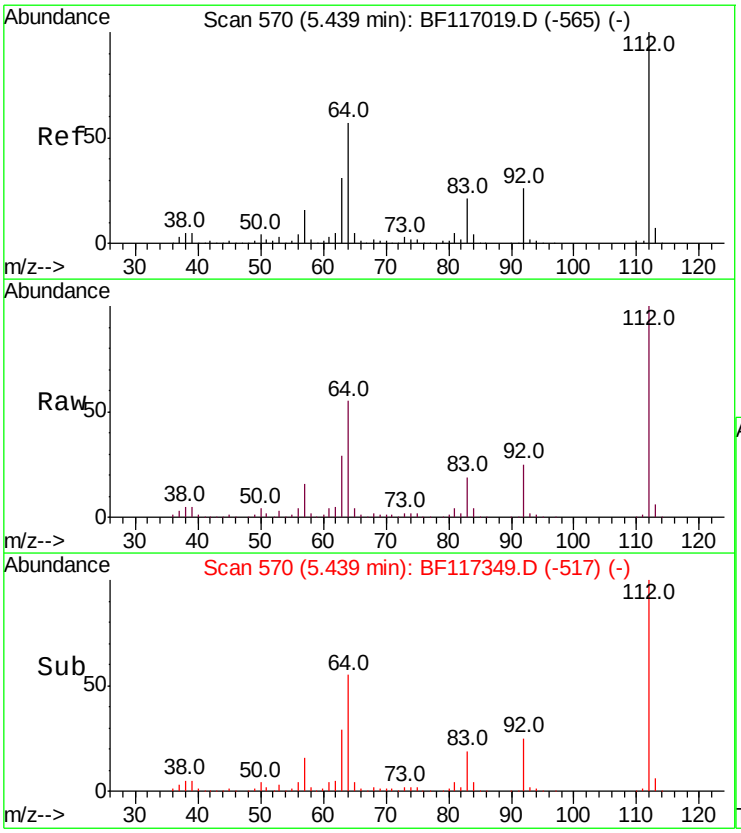
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF117349.D
Acq: 8 Oct 2019 19:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 45864

Ion	Ratio	Lower	Upper
152	100		
150	159.6	127.5	191.3
115	65.4	55.0	82.4

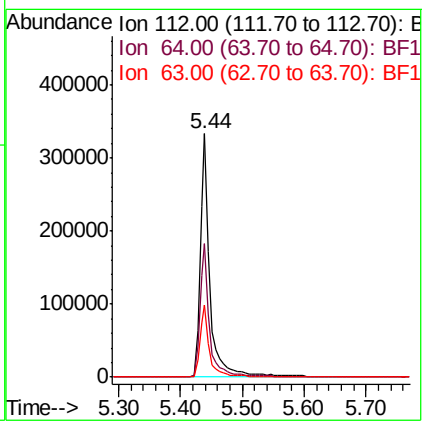


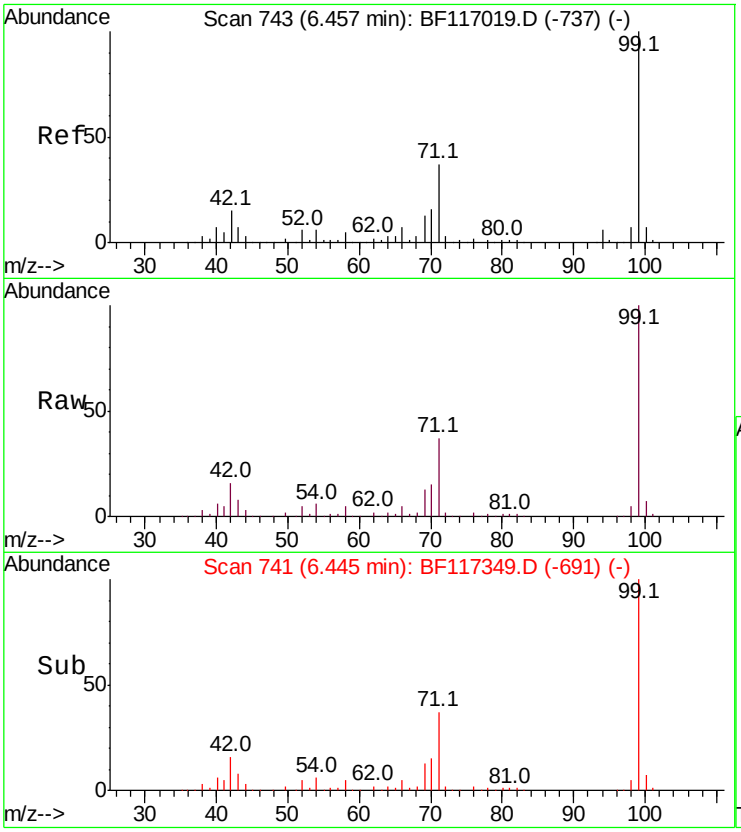


#5
2-Fluorophenol
Concen: 127.025 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.01 min
Lab File: BF117349.D
Acq: 8 Oct 2019 19:10

Tgt Ion:112 Resp: 373156

Ion	Ratio	Lower	Upper
112	100		
64	54.9	45.7	68.5
63	29.4	24.9	37.3



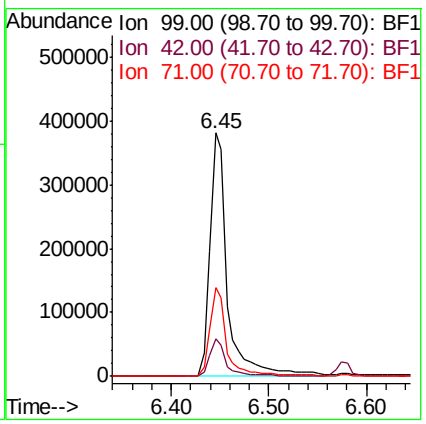


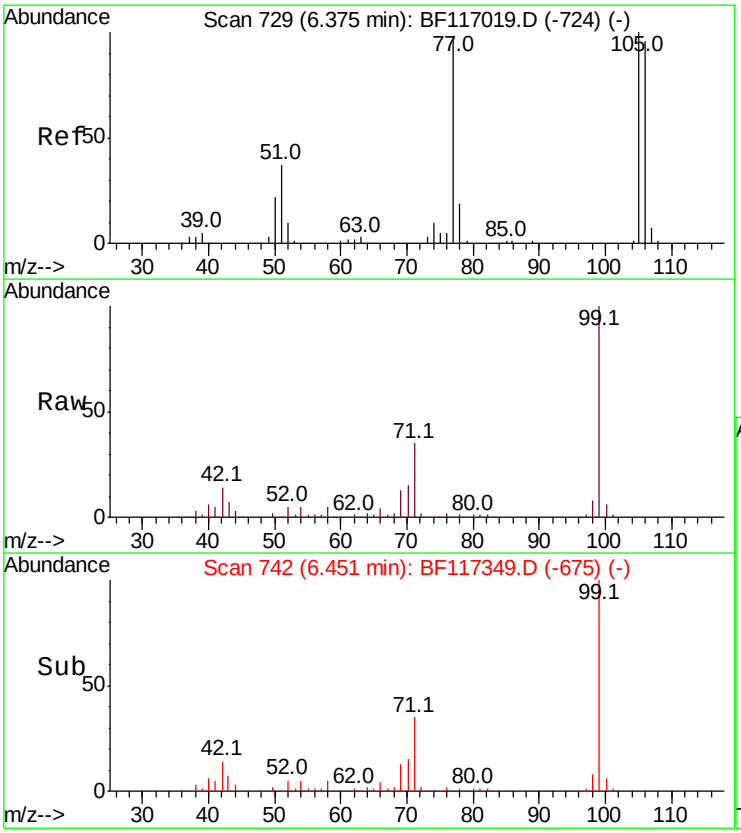
#7
Phenol-d6
Concen: 125.036 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF117349.D
Acq: 8 Oct 2019 19:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 474699

Ion	Ratio	Lower	Upper
99	100		
42	15.5	12.2	18.2
71	36.7	29.8	44.8

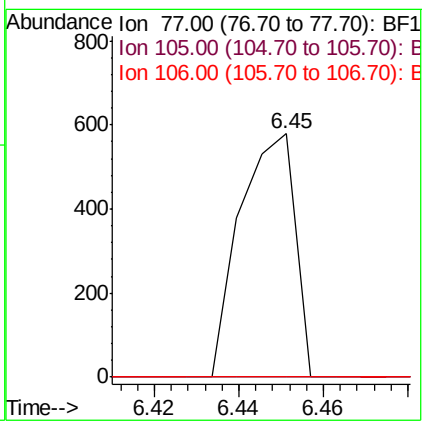


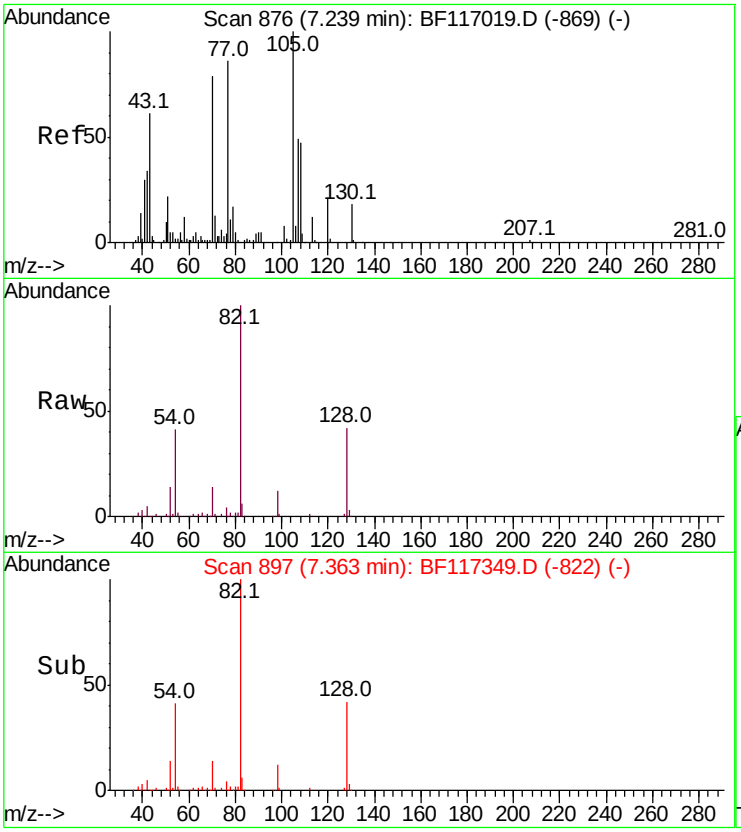


#9
Benzaldehyde
Concen: Below Cal
RT: 6.45 min Scan# 742
Delta R.T. 0.09 min
Lab File: BF117349.D
Acq: 8 Oct 2019 19:10

Tgt Ion: 77 Resp: 526

Ion	Ratio	Lower	Upper
77	100		
105	0.0	81.8	121.8#
106	0.0	77.3	117.3#



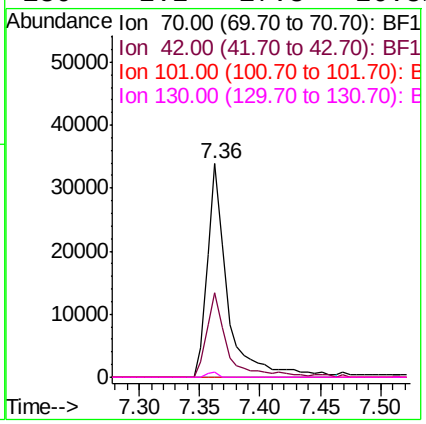


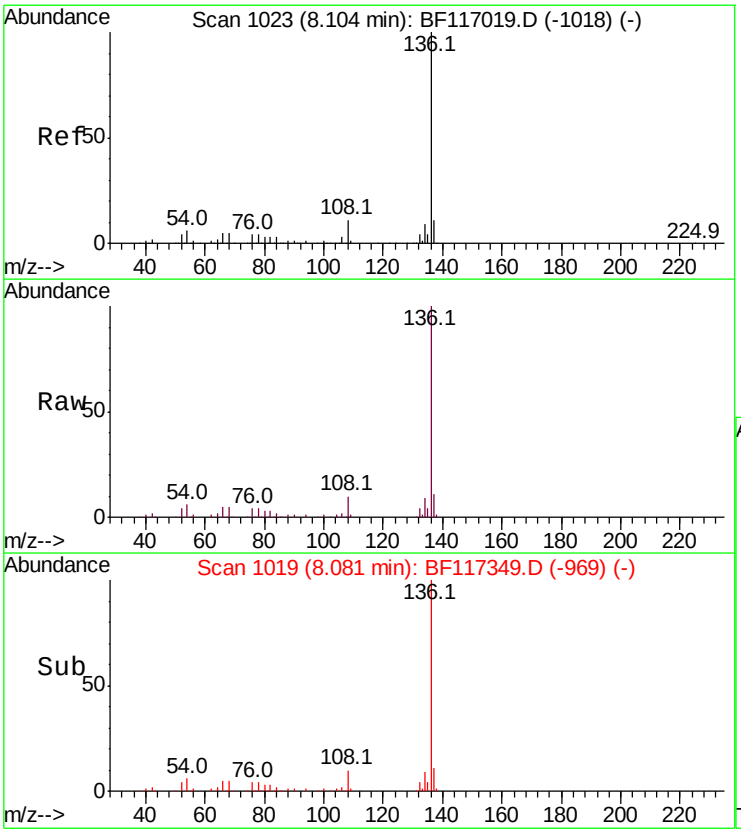
#19
n-Nitroso-di-n-propylamine
Concen: 17.024 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.14 min
Lab File: BF117349.D
Acq: 8 Oct 2019 19:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 39355

Ion	Ratio	Lower	Upper
70	100		
42	39.4	34.0	51.0
101	0.0	7.8	11.6#
130	2.2	17.8	26.8#

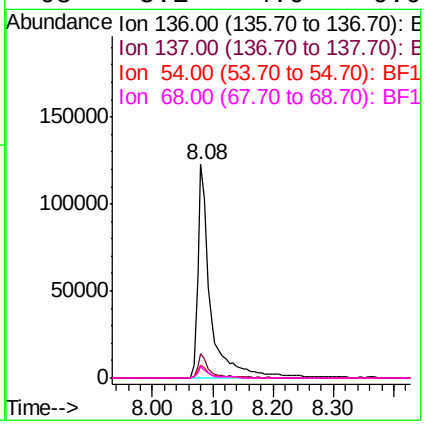


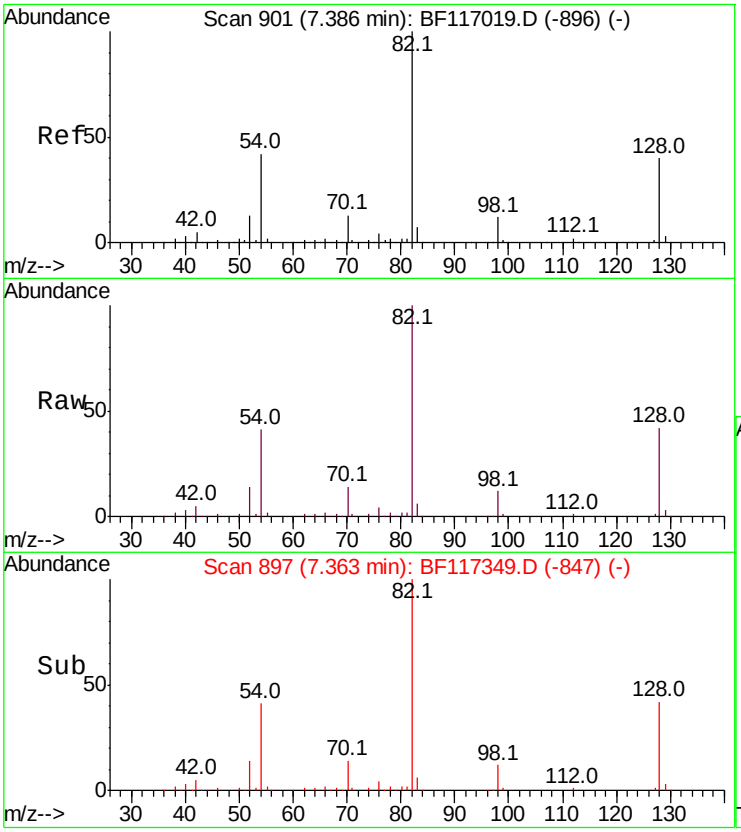


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF117349.D
Acq: 8 Oct 2019 19:10

Tgt Ion:136 Resp: 181780

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	6.1	4.5	6.7
68	5.1	4.0	6.0



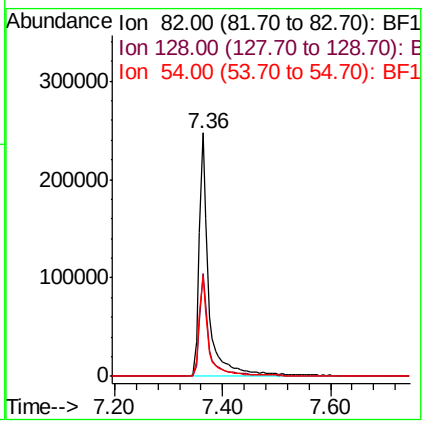


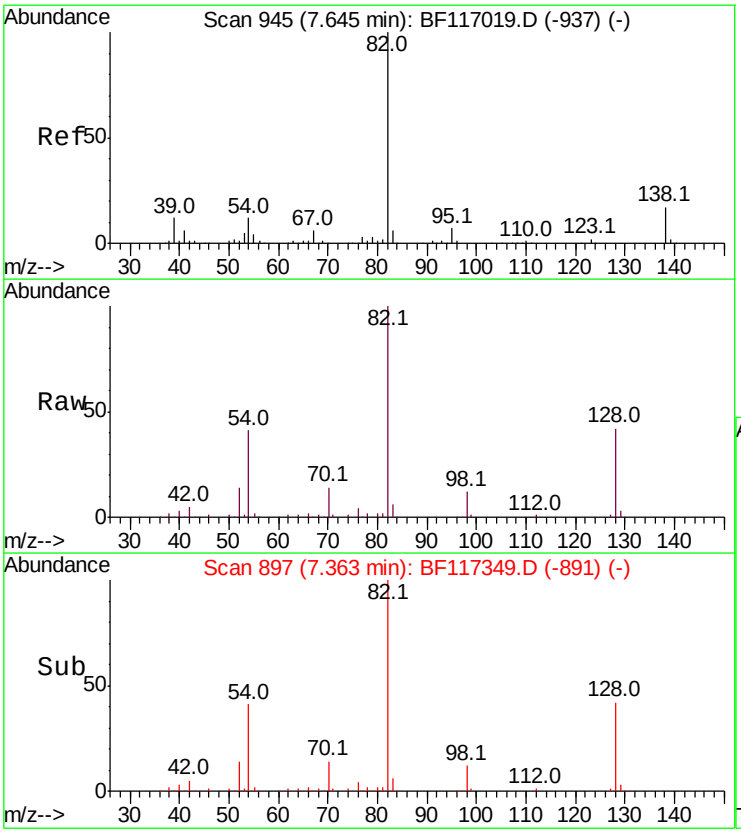
#23
Nitrobenzene-d5
Concen: 89.859 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF117349.D
Acq: 8 Oct 2019 19:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 310884

Ion	Ratio	Lower	Upper
82	100		
128	42.0	32.3	48.5
54	41.3	33.3	49.9

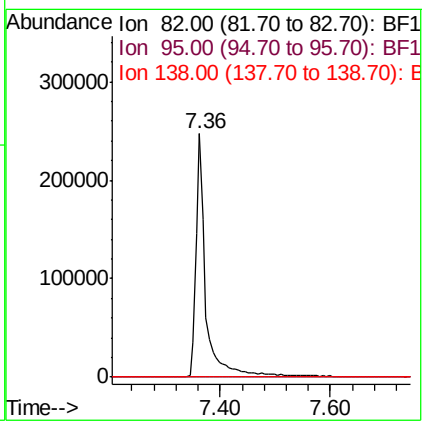


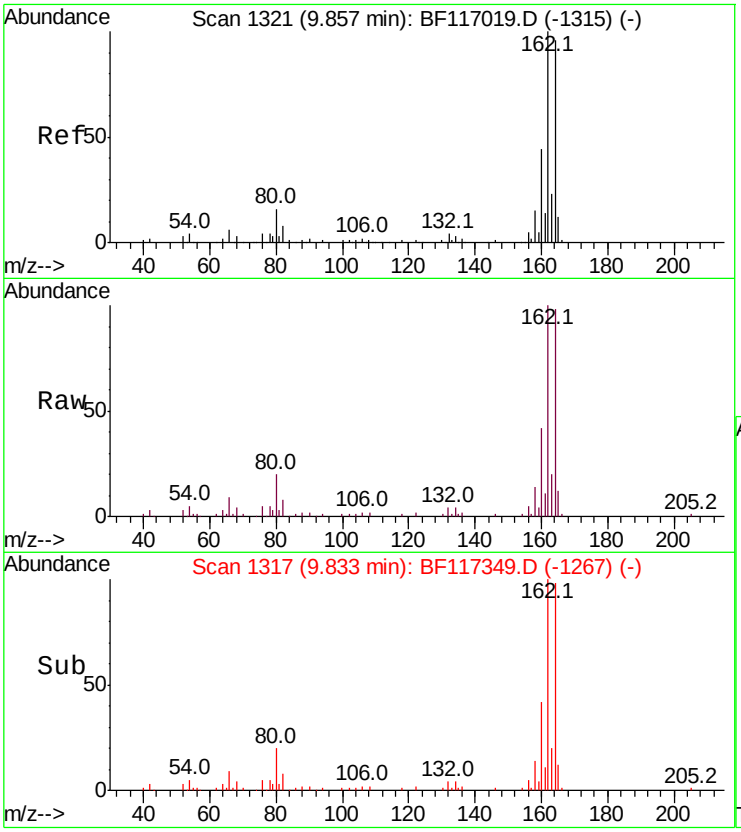


#25
Isophorone
Concen: 50.751 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.26 min
Lab File: BF117349.D
Acq: 8 Oct 2019 19:10

Tgt Ion: 82 Resp: 310883

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



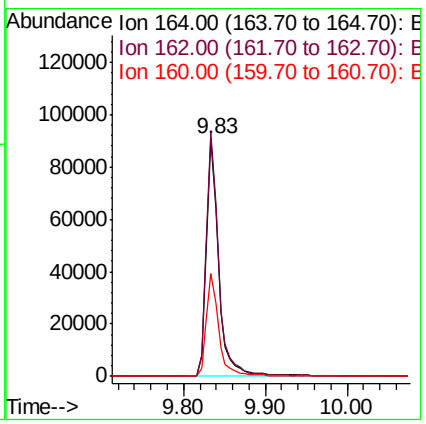


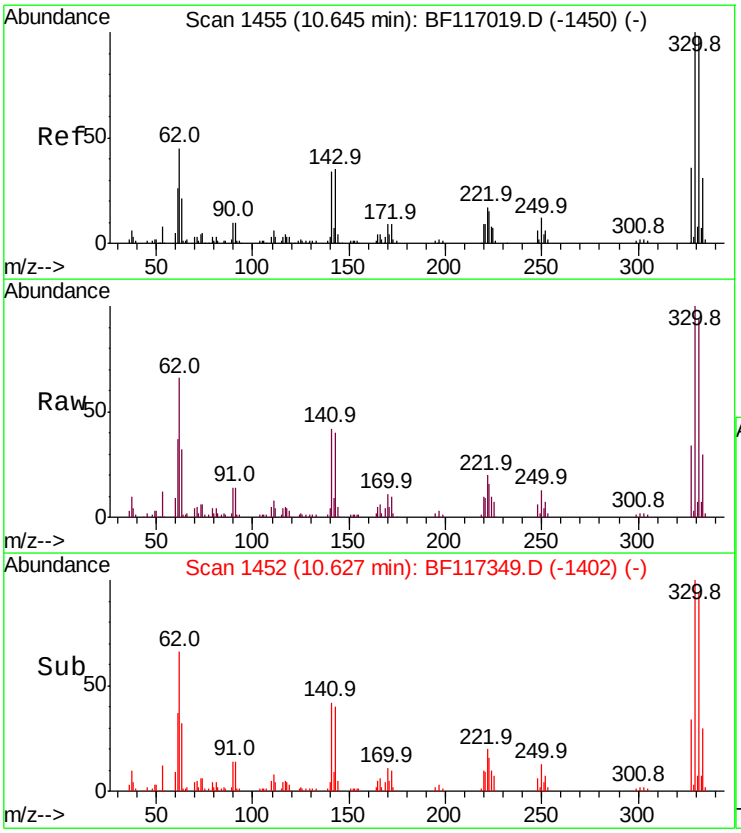
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF117349.D
Acq: 8 Oct 2019 19:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 95327

Ion	Ratio	Lower	Upper
164	100		
162	102.5	83.4	125.2
160	43.3	36.4	54.6

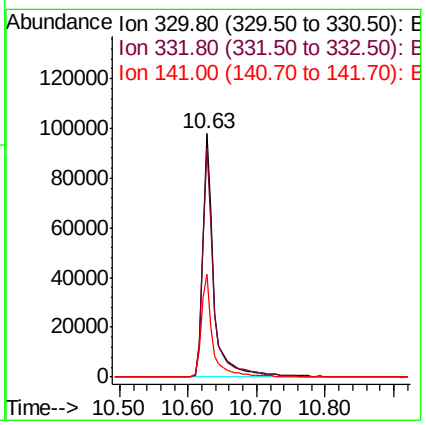


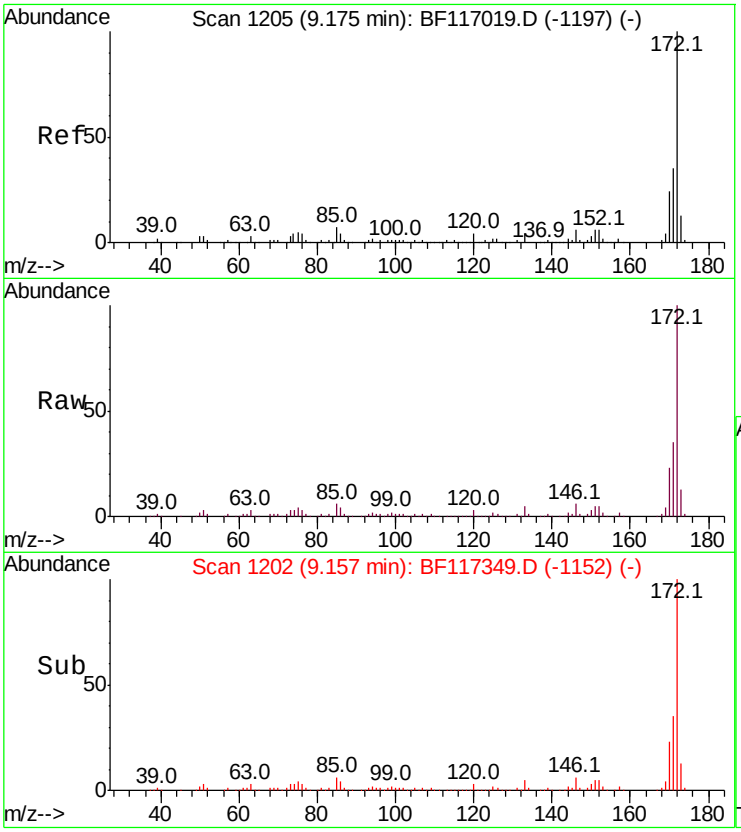


#42
2,4,6-Tribromophenol
Concen: 143.049 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF117349.D
Acq: 8 Oct 2019 19:10

Tgt Ion:330 Resp: 113969

Ion	Ratio	Lower	Upper
330	100		
332	95.2	78.0	117.0
141	42.8	35.8	53.6



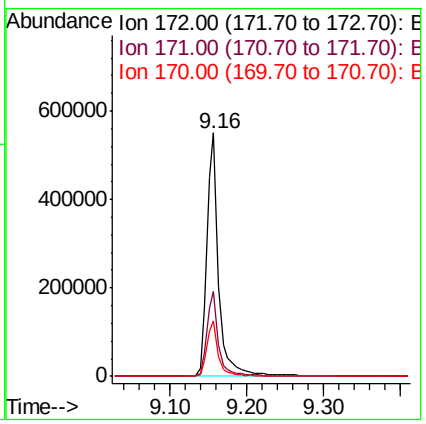


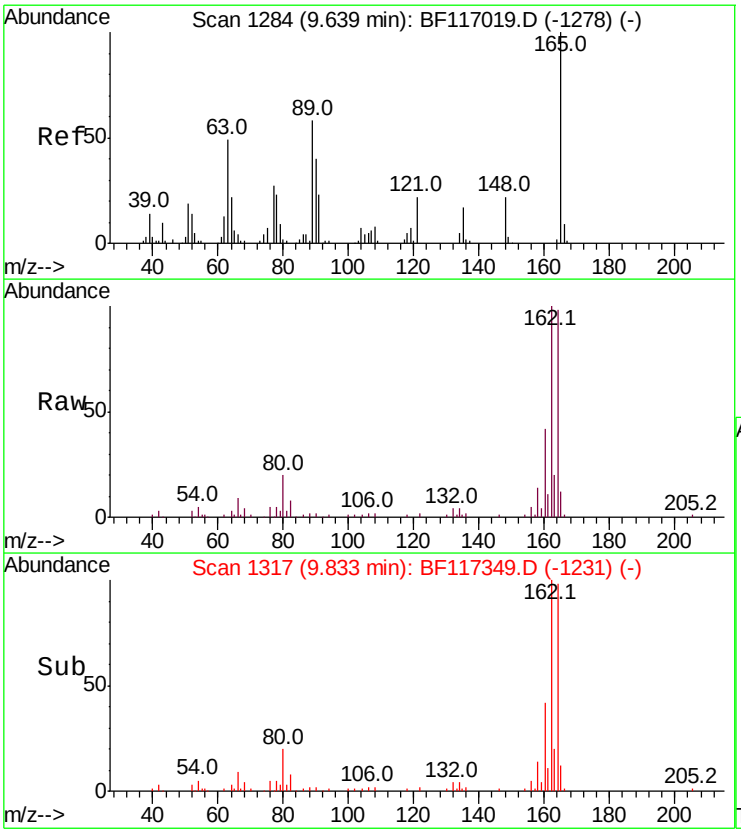
#45
2-Fluorobiphenyl
Concen: 94.553 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF117349.D
Acq: 8 Oct 2019 19:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 576464

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.2	42.2
170	22.9	18.9	28.3

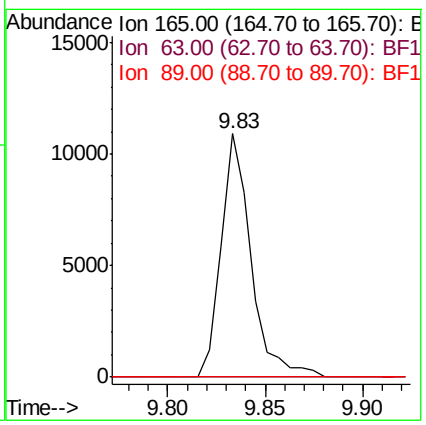


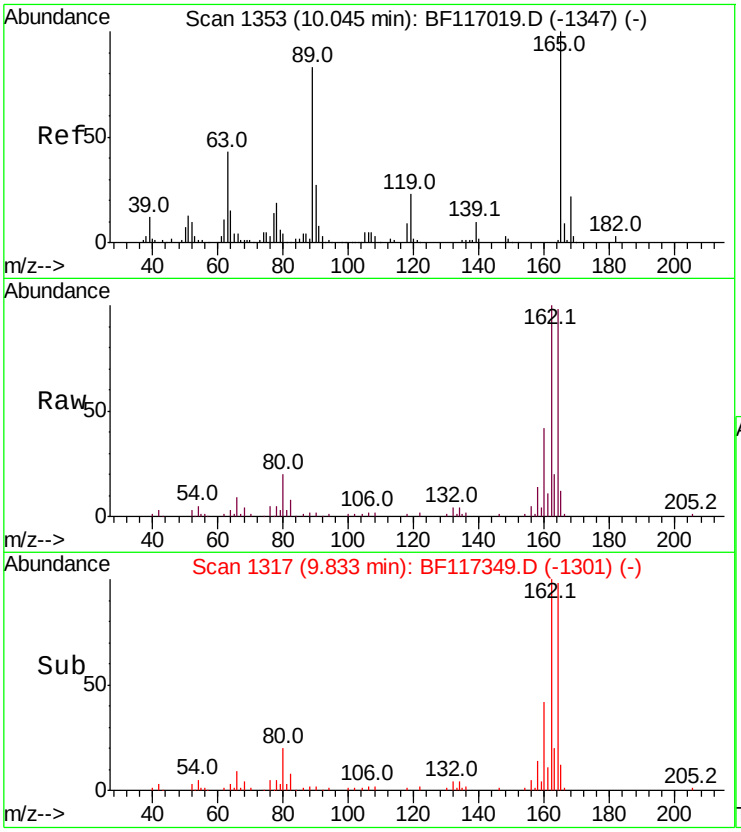


#51
2,6-Dinitrotoluene
Concen: 8.428 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.21 min
Lab File: BF117349.D
Acq: 8 Oct 2019 19:10

Tgt Ion:165 Resp: 11586

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



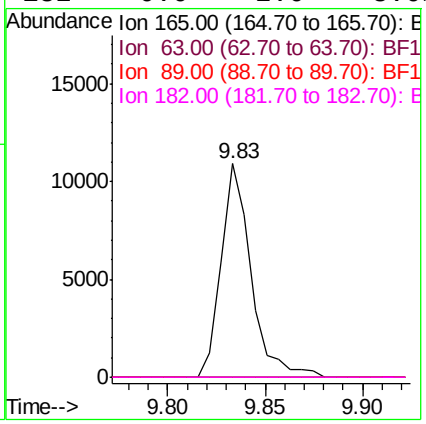


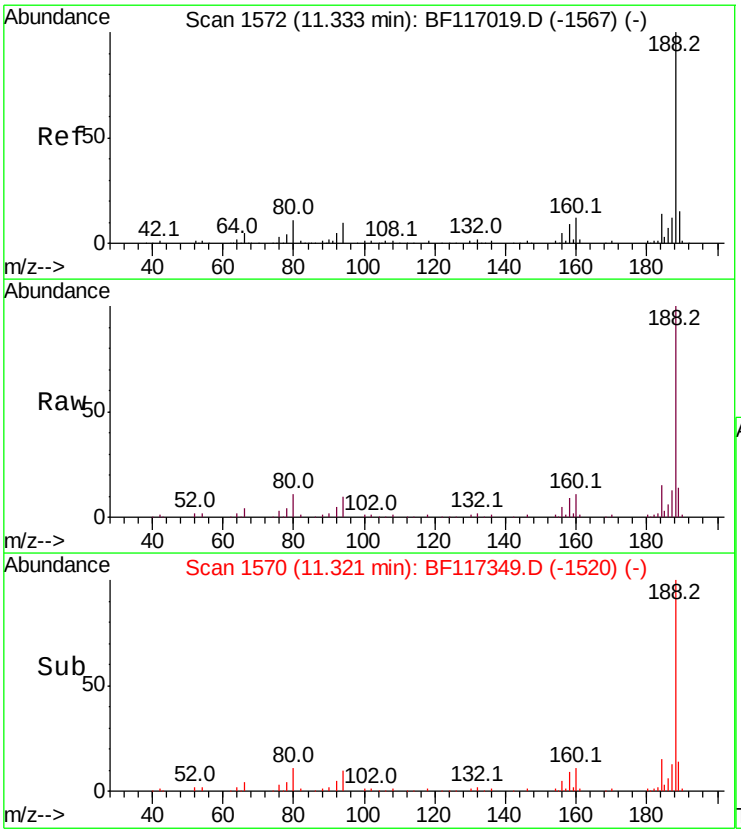
#57
2,4-Dinitrotoluene
Concen: 6.493 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.21 min
Lab File: BF117349.D
Acq: 8 Oct 2019 19:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 11586

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#

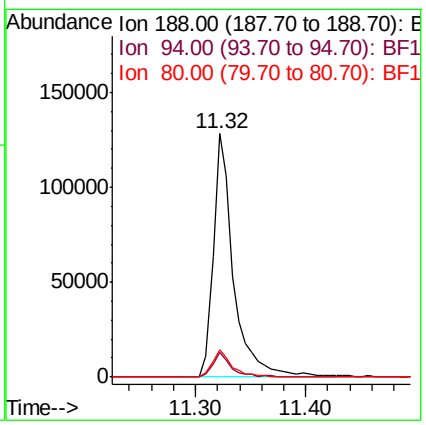


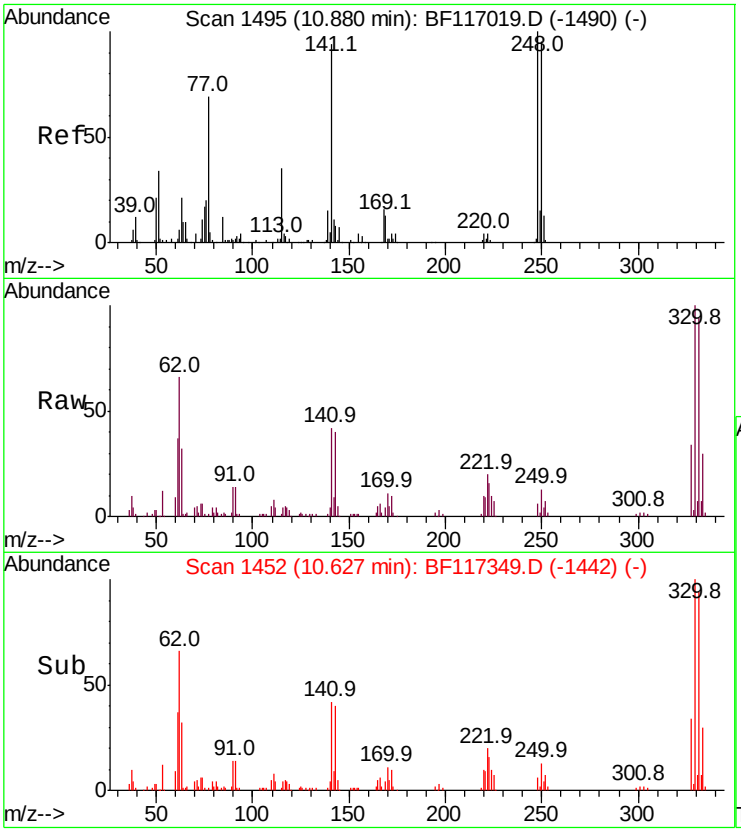


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF117349.D
Acq: 8 Oct 2019 19:10

Tgt Ion:188 Resp: 161851

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.2	12.2
80	11.4	9.0	13.6



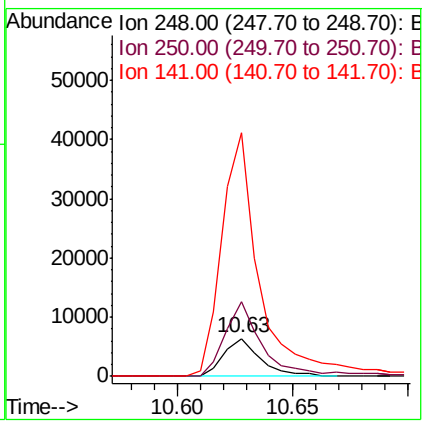


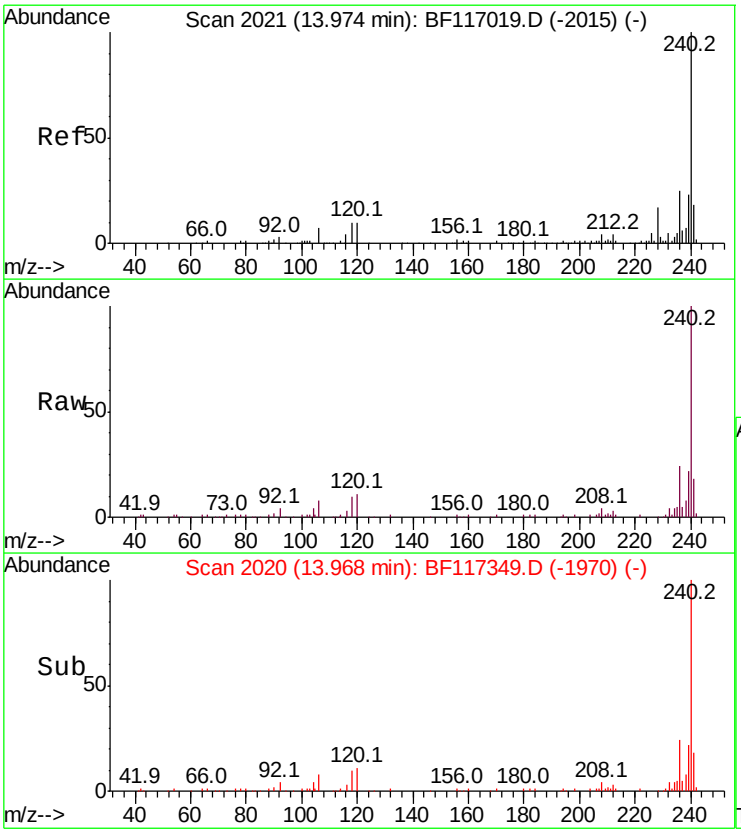
#67
4-Bromophenyl-phenylether
Concen: 4.308 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BF117349.D
Acq: 8 Oct 2019 19:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 7121

Ion	Ratio	Lower	Upper
248	100		
250	199.7	76.2	114.4#
141	648.6	75.0	112.4#

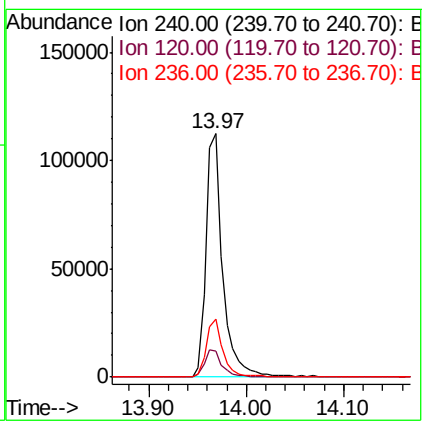


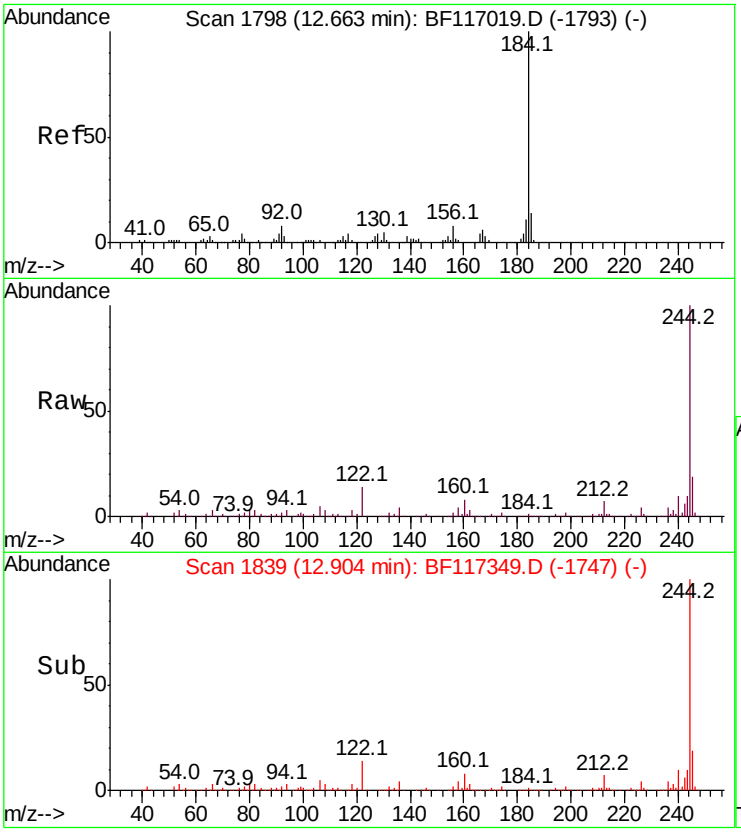


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF117349.D
Acq: 8 Oct 2019 19:10

Tgt Ion:240 Resp: 134286

Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.3	12.5
236	24.0	20.3	30.5



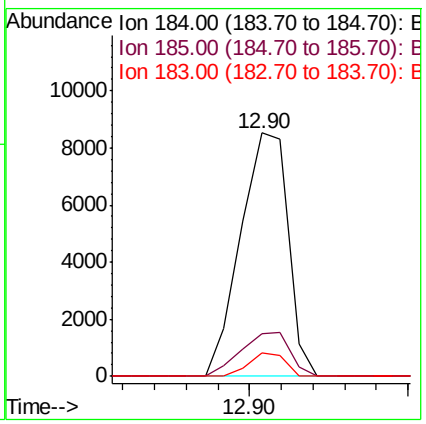


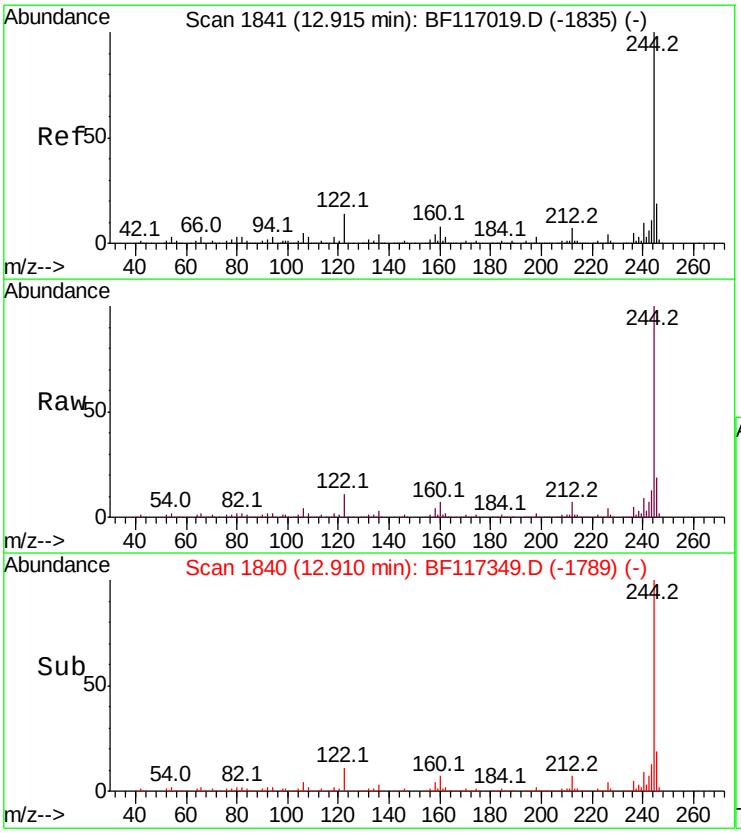
#77
Benzidine
Concen: 2.045 ng
RT: 12.90 min Scan# 1839
Delta R.T. 0.24 min
Lab File: BF117349.D
Acq: 8 Oct 2019 19:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 8844

Ion	Ratio	Lower	Upper
184	100		
185	17.7	11.6	17.4#
183	9.6	9.0	13.4

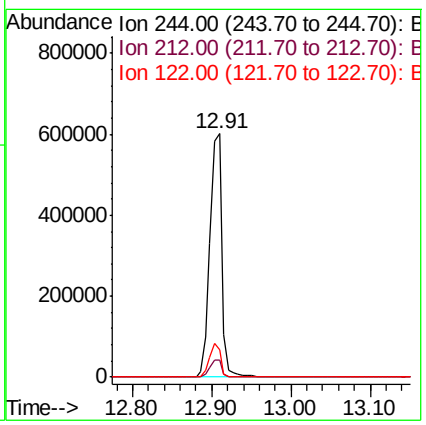


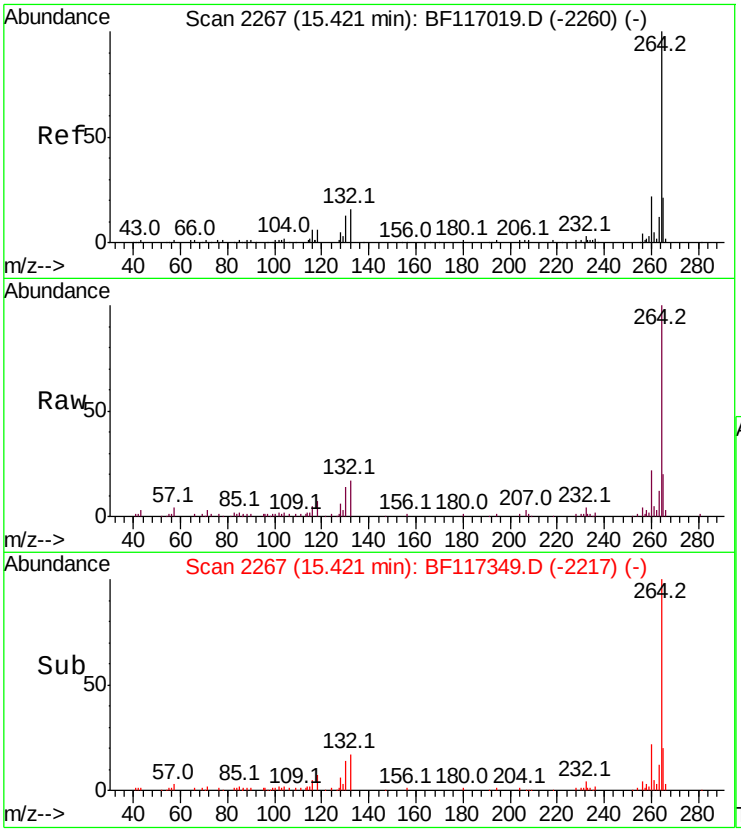


#79
Terphenyl-d14
Concen: 88.104 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.00 min
Lab File: BF117349.D
Acq: 8 Oct 2019 19:10

Tgt Ion:244 Resp: 632946

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	11.0	11.3	16.9#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BF117349.D
Acq: 8 Oct 2019 19:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 119749

Ion	Ratio	Lower	Upper
264	100		
260	21.7	17.6	26.4
265	20.4	16.6	24.8