Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF093019\
Data File : BF117269.D
Acq On : 30 Sep 2019 19:09
Operator : JU
Sample : K5060-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 01 01:40:56 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	6.81	152	30186	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	117840	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	59801	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	93529	20.00	ng	0.00
76) Chrysene-d12	13.97	240	56181	20.00	ng	0.00
87) Perylene-d12	15.42	264	66157	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	139777	72.29	ng	-0.01
7) Phenol-d6	6.45	99	203446	81.42	ng	-0.01
23) Nitrobenzene-d5	7.37	82	114827	51.20	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	32026	64.08	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	172158	45.01	ng	-0.01
79) Terphenyl-d14	12.91	244	147844	49.19	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.58	77	4080	Below Cal	#	73
19) n-Nitroso-di-n-propylamine	7.37	70	15379	10.108	ng	# 81
25) Isophorone	7.37	82	114826	28.916	ng	# 66
50) Dimethylphthalate	9.56	163	19948	4.711	ng	# 97
51) 2,6-Dinitrotoluene	9.84	165	6939	8.046	ng	# 24
57) 2,4-Dinitrotoluene	9.84	165	6939	6.199	ng	# 18
67) 4-Bromophenyl-phenylether	10.63	248	2089	2.187	ng	# 1

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

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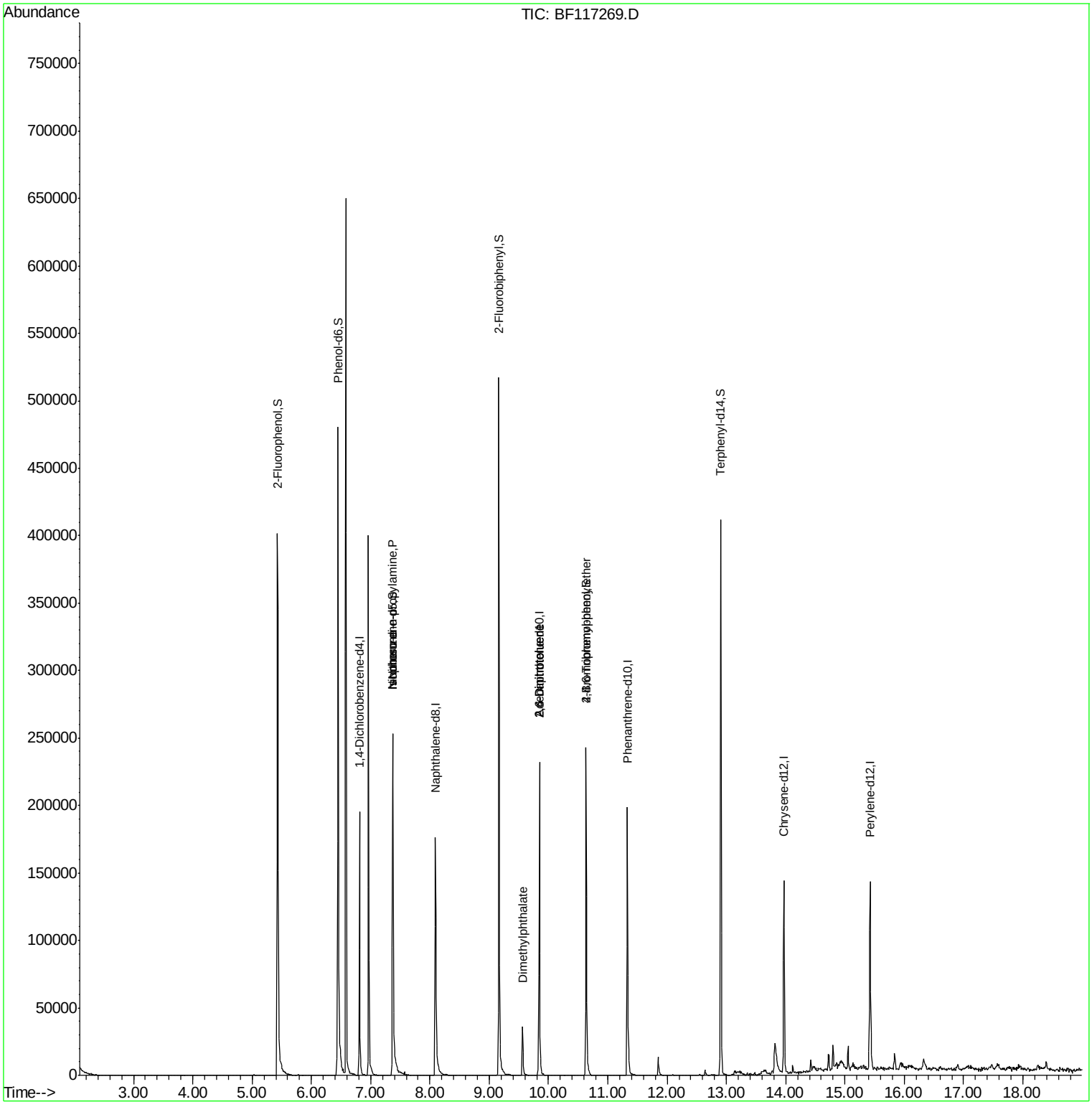
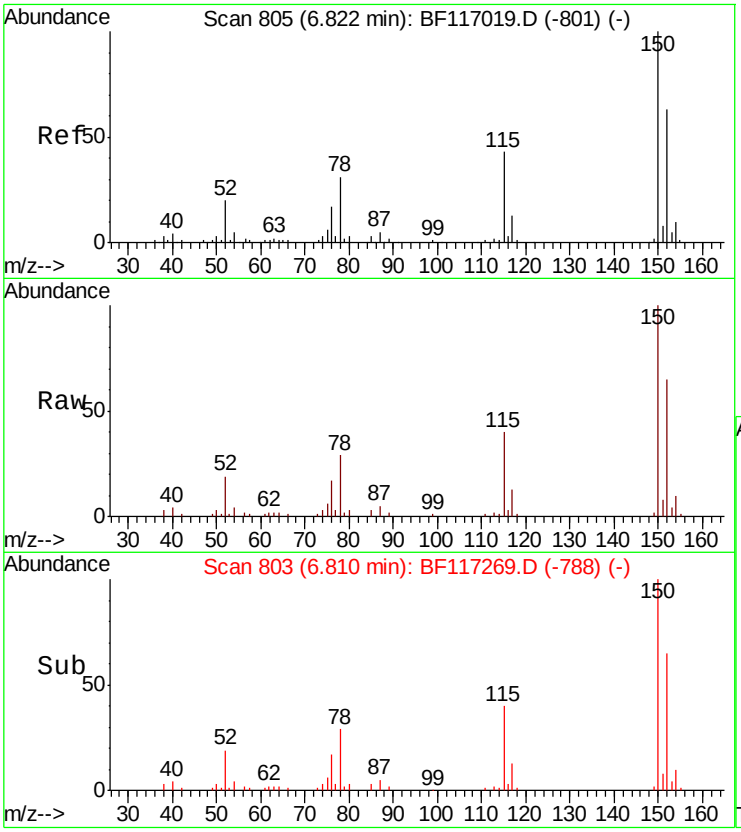


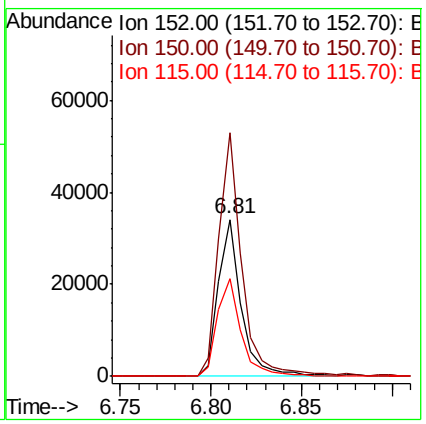


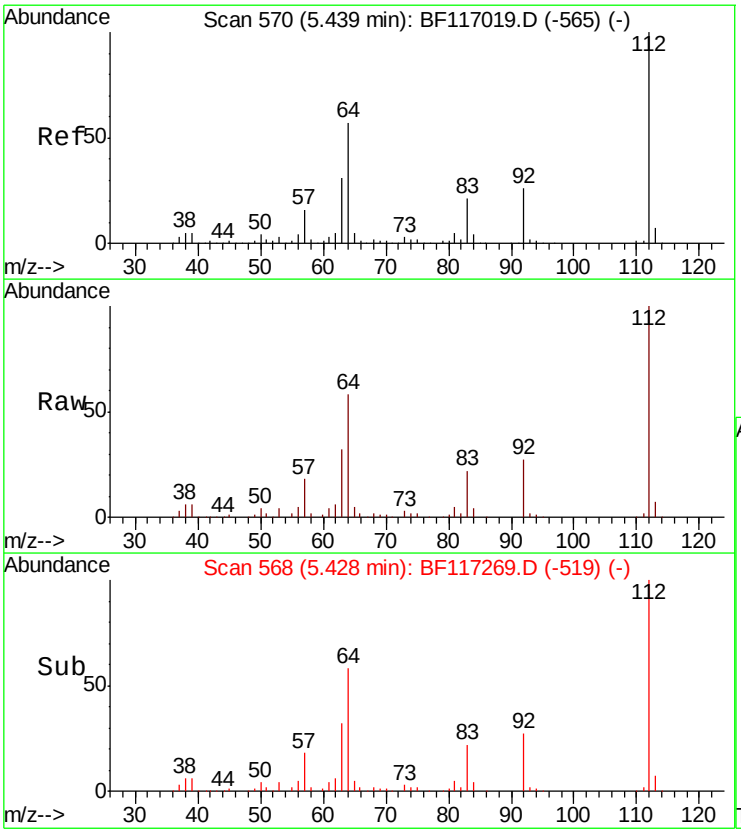
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF117269.D
Acq: 30 Sep 2019 19:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 30186

Ion	Ratio	Lower	Upper
152	100		
150	155.0	127.5	191.3
115	61.9	55.0	82.4

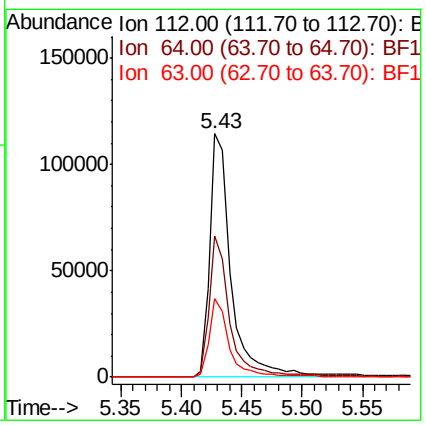


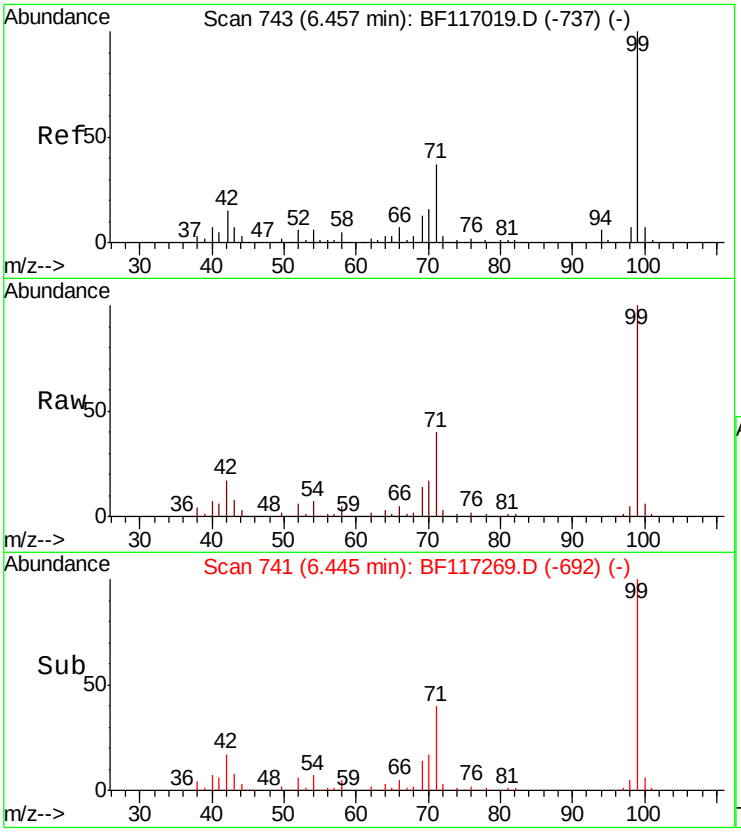


#5
2-Fluorophenol
Concen: 72.294 ng
RT: 5.43 min Scan# 568
Delta R.T. -0.01 min
Lab File: BF117269.D
Acq: 30 Sep 2019 19:09

Tgt Ion:112 Resp: 139777

Ion	Ratio	Lower	Upper
112	100		
64	58.0	45.7	68.5
63	32.1	24.9	37.3



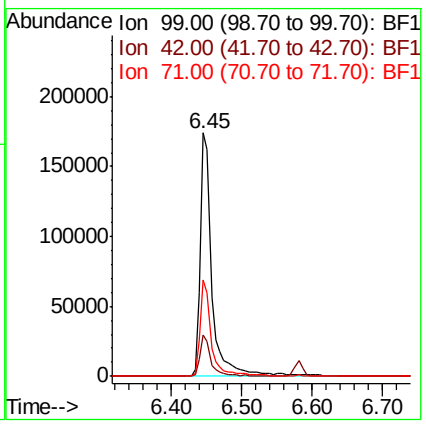


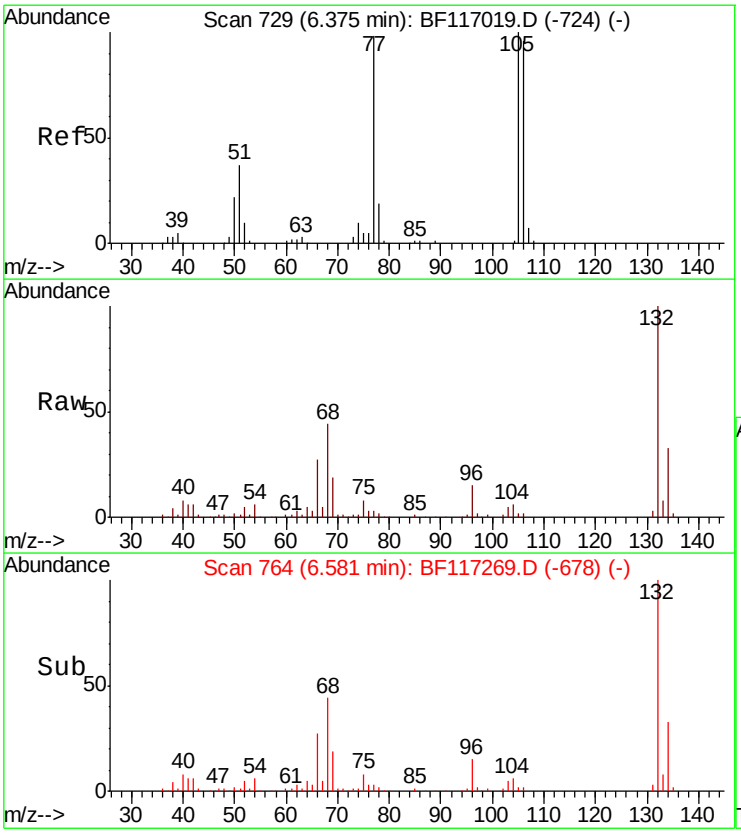
#7
Phenol-d6
Concen: 81.420 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF117269.D
Acq: 30 Sep 2019 19:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 203446

Ion	Ratio	Lower	Upper
99	100		
42	17.0	12.2	18.2
71	39.5	29.8	44.8

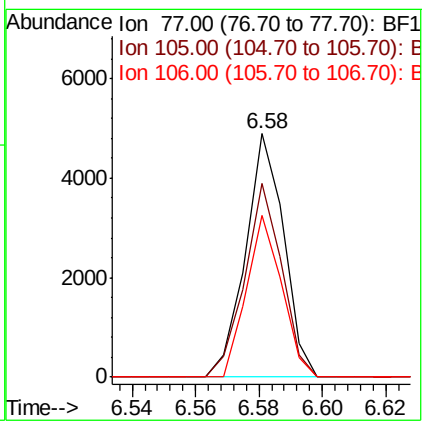


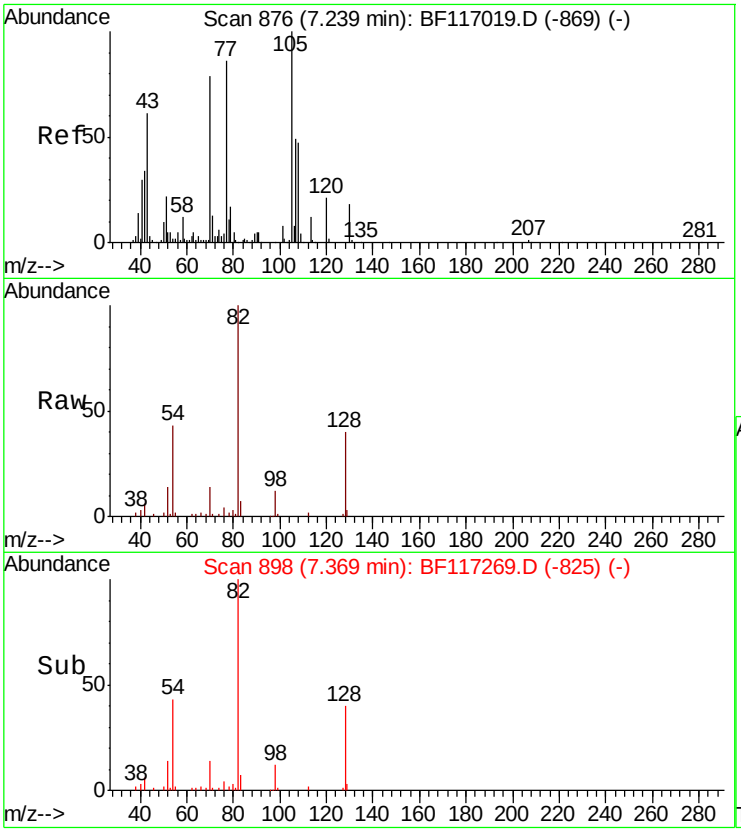


#9
Benzaldehyde
Concen: Below Cal
RT: 6.58 min Scan# 764
Delta R.T. 0.21 min
Lab File: BF117269.D
Acq: 30 Sep 2019 19:09

Tgt Ion: 77 Resp: 4080

Ion	Ratio	Lower	Upper
77	100		
105	79.8	81.8	121.8#
106	66.3	77.3	117.3#



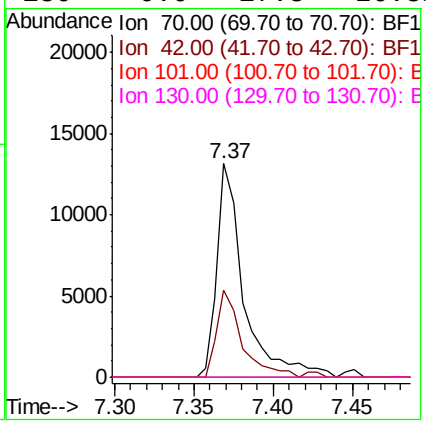


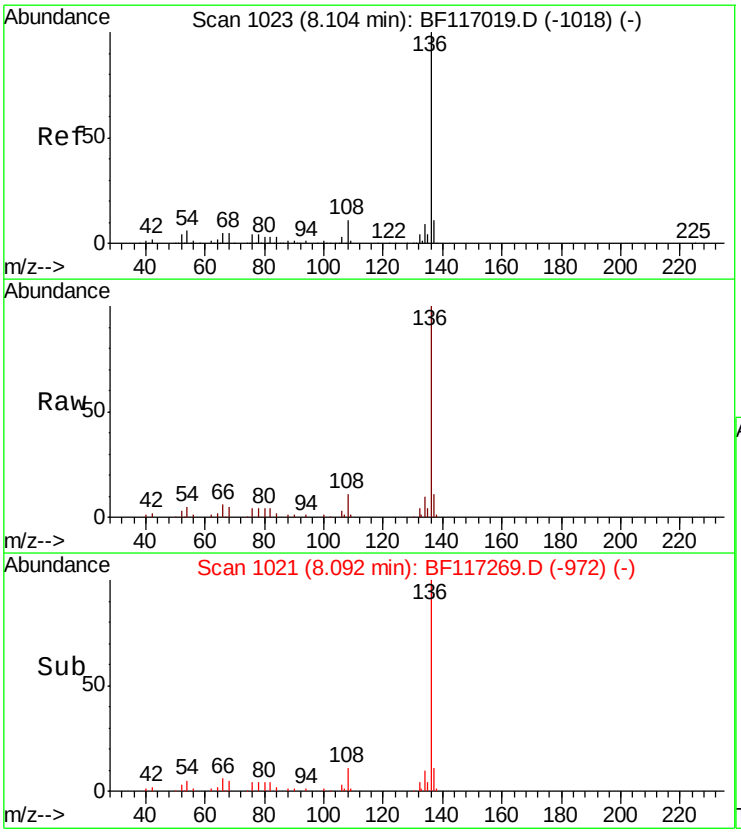
#19
n-Nitroso-di-n-propylamine
Concen: 10.108 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.13 min
Lab File: BF117269.D
Acq: 30 Sep 2019 19:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 15379

Ion	Ratio	Lower	Upper
70	100		
42	40.7	34.0	51.0
101	0.0	7.8	11.6#
130	0.0	17.8	26.8#

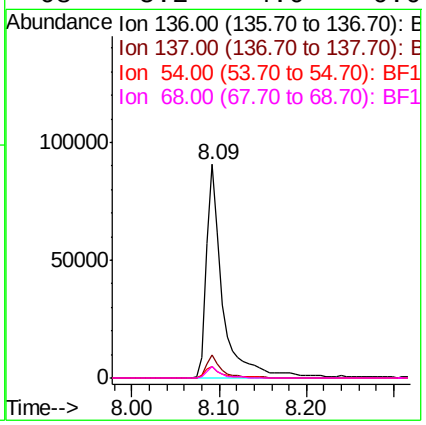


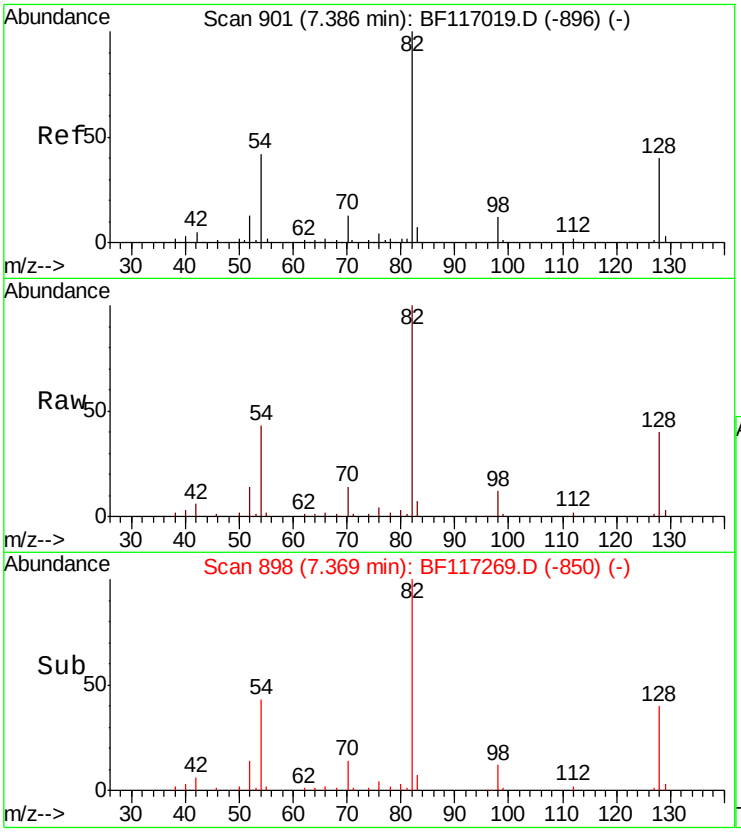


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF117269.D
Acq: 30 Sep 2019 19:09

Tgt Ion:136 Resp: 117840

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	5.2	4.5	6.7
68	5.2	4.0	6.0



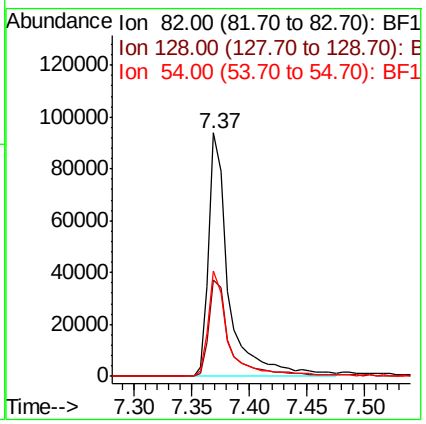


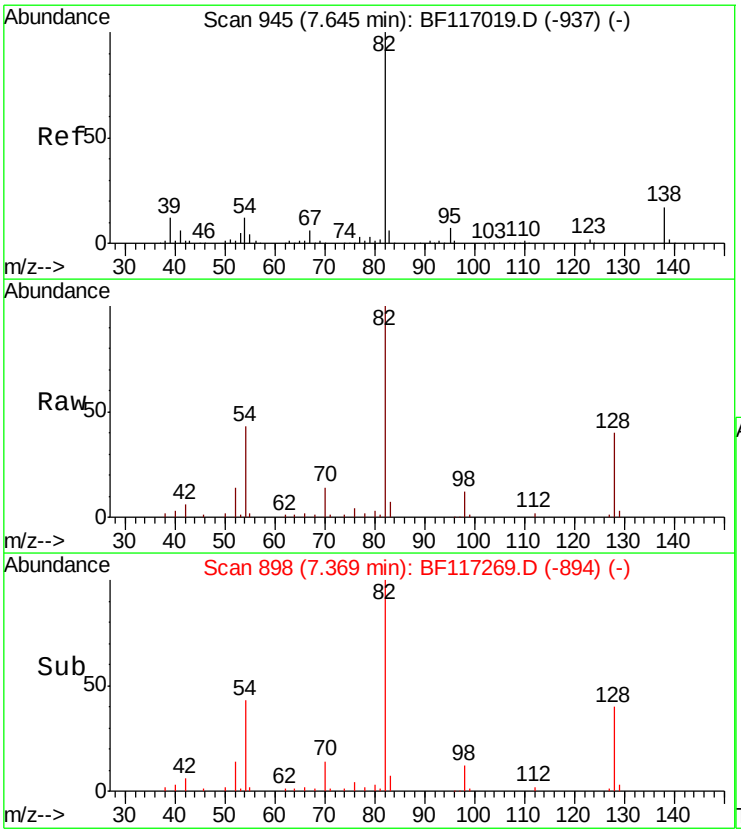
#23
Nitrobenzene-d5
Concen: 51.199 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF117269.D
Acq: 30 Sep 2019 19:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 114827

Ion	Ratio	Lower	Upper
82	100		
128	39.7	32.3	48.5
54	43.2	33.3	49.9

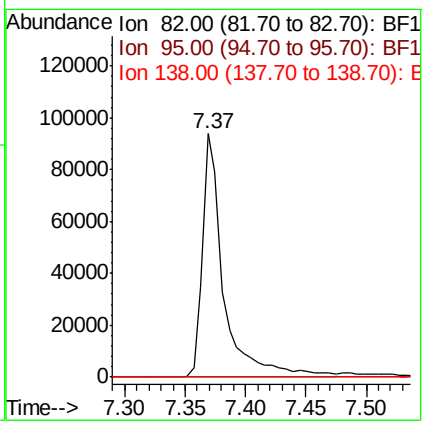


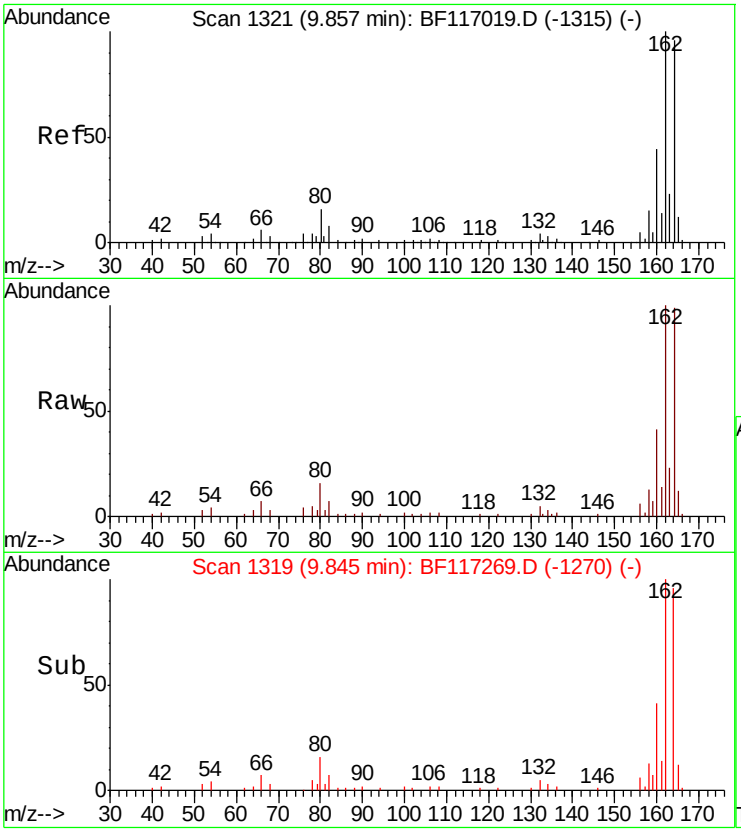


#25
Isophorone
Concen: 28.916 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.28 min
Lab File: BF117269.D
Acq: 30 Sep 2019 19:09

Tgt Ion: 82 Resp: 114826

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



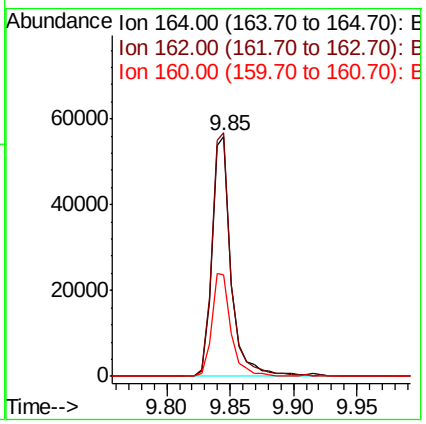


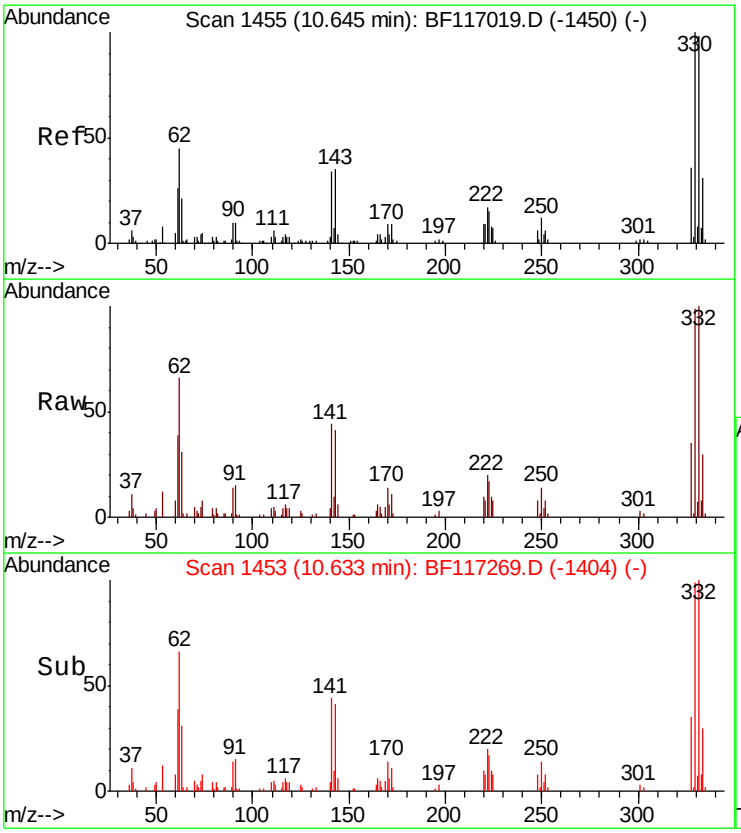
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF117269.D
Acq: 30 Sep 2019 19:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 59801

Ion	Ratio	Lower	Upper
164	100		
162	101.4	83.4	125.2
160	42.0	36.4	54.6

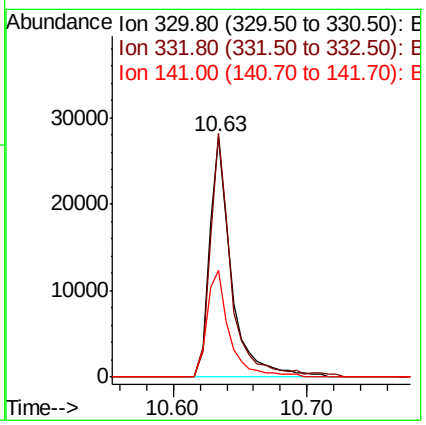


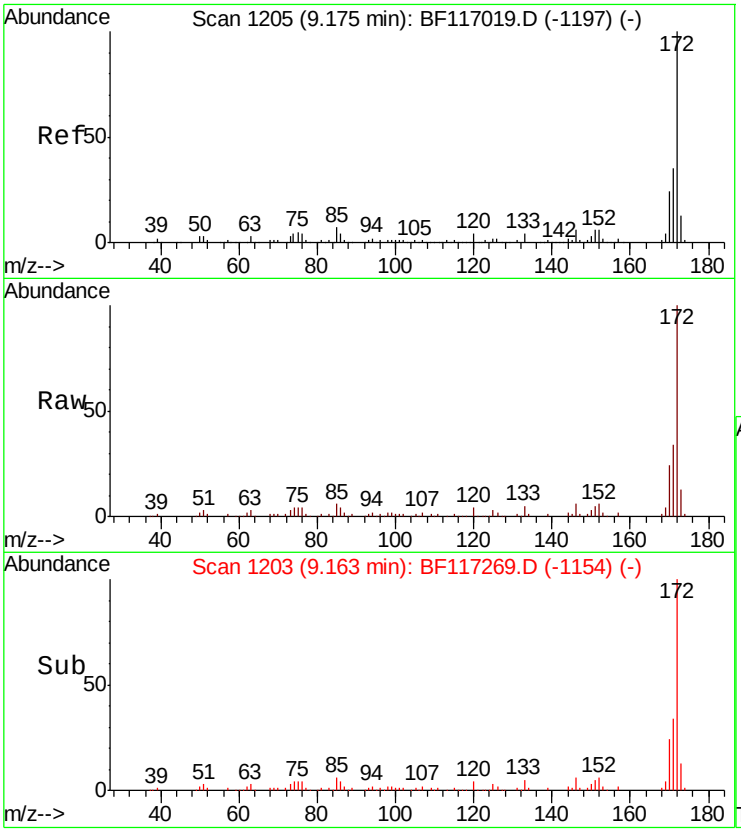


#42
2,4,6-Tribromophenol
Concen: 64.078 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF117269.D
Acq: 30 Sep 2019 19:09

Tgt Ion:330 Resp: 32026

Ion	Ratio	Lower	Upper
330	100		
332	97.2	78.0	117.0
141	45.3	35.8	53.6



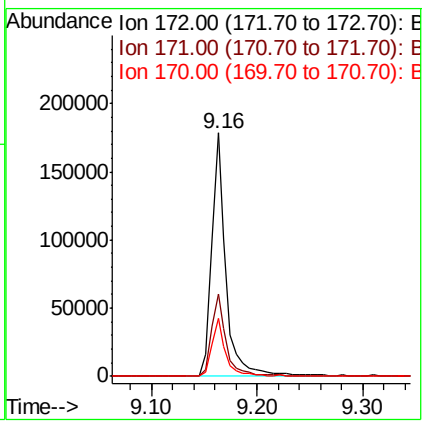


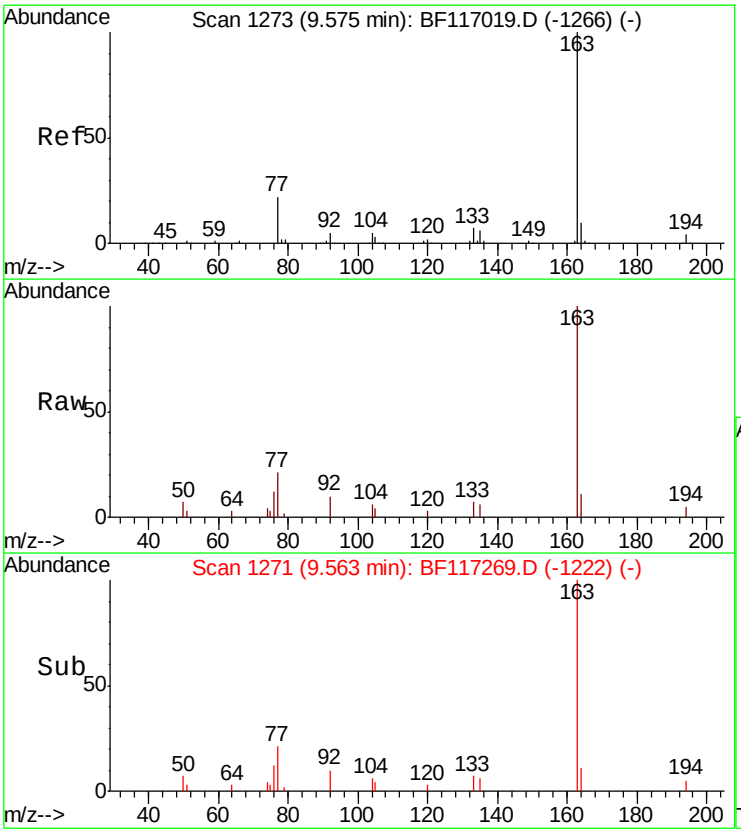
#45
2-Fluorobiphenyl
Concen: 45.013 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF117269.D
Acq: 30 Sep 2019 19:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 172158

Ion	Ratio	Lower	Upper
172	100		
171	33.8	28.2	42.2
170	24.0	18.9	28.3

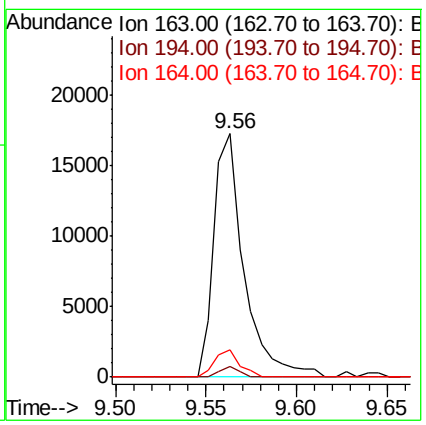


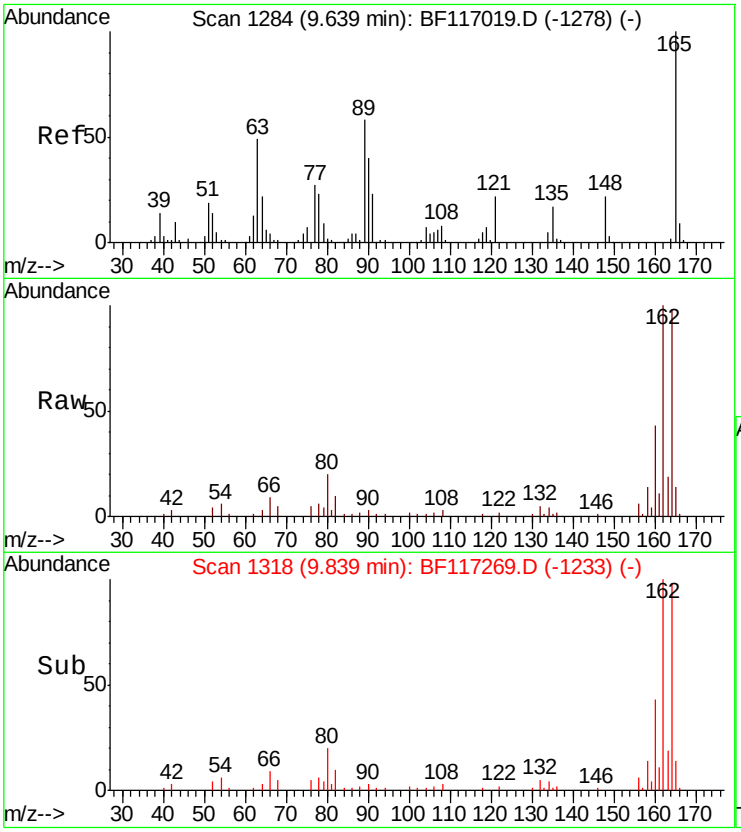


#50
Dimethylphthalate
Concen: 4.711 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF117269.D
Acq: 30 Sep 2019 19:09

Tgt Ion:163 Resp: 19948

Ion	Ratio	Lower	Upper
163	100		
194	4.6	2.9	4.3#
164	11.4	8.2	12.4



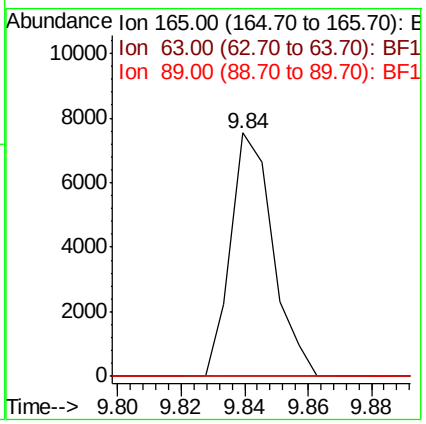


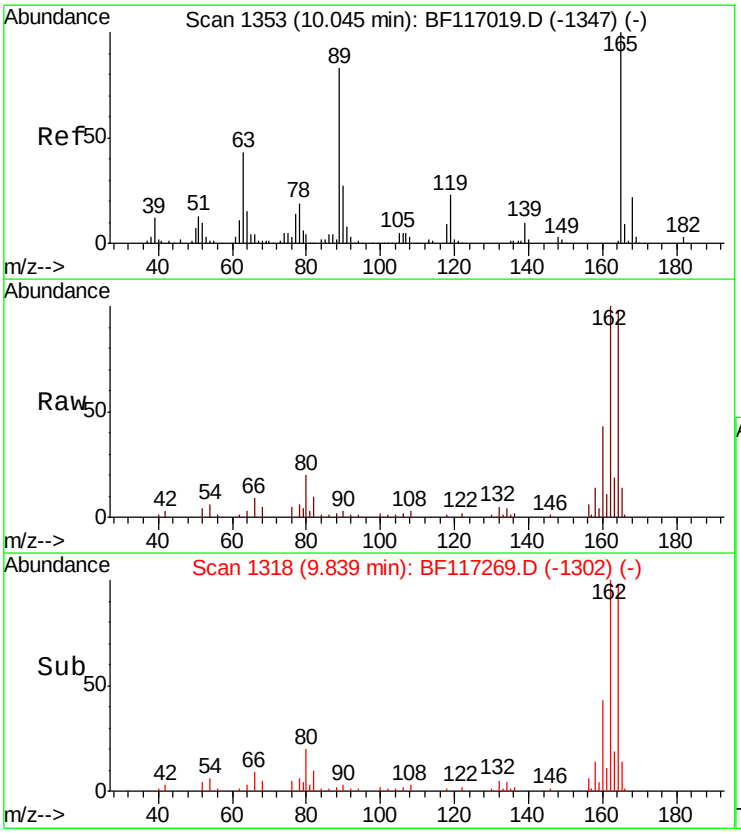
#51
2,6-Dinitrotoluene
Concen: 8.046 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.20 min
Lab File: BF117269.D
Acq: 30 Sep 2019 19:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 6939

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

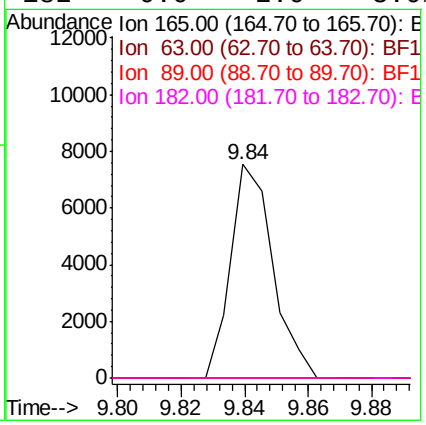


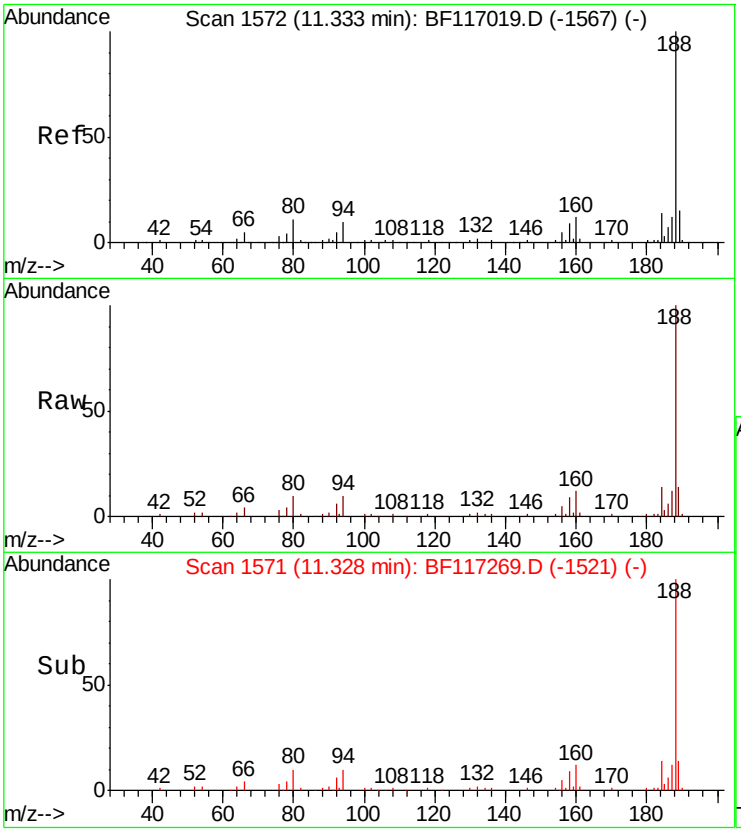


#57
2,4-Dinitrotoluene
Concen: 6.199 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.21 min
Lab File: BF117269.D
Acq: 30 Sep 2019 19:09

Tgt Ion:165 Resp: 6939

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#



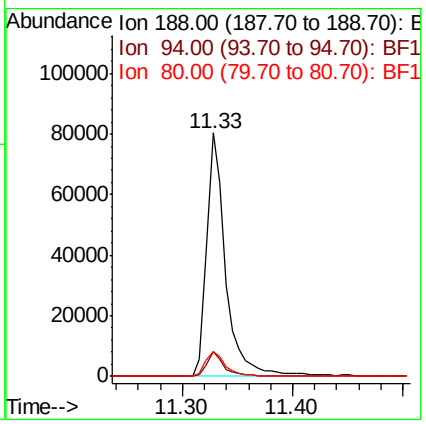


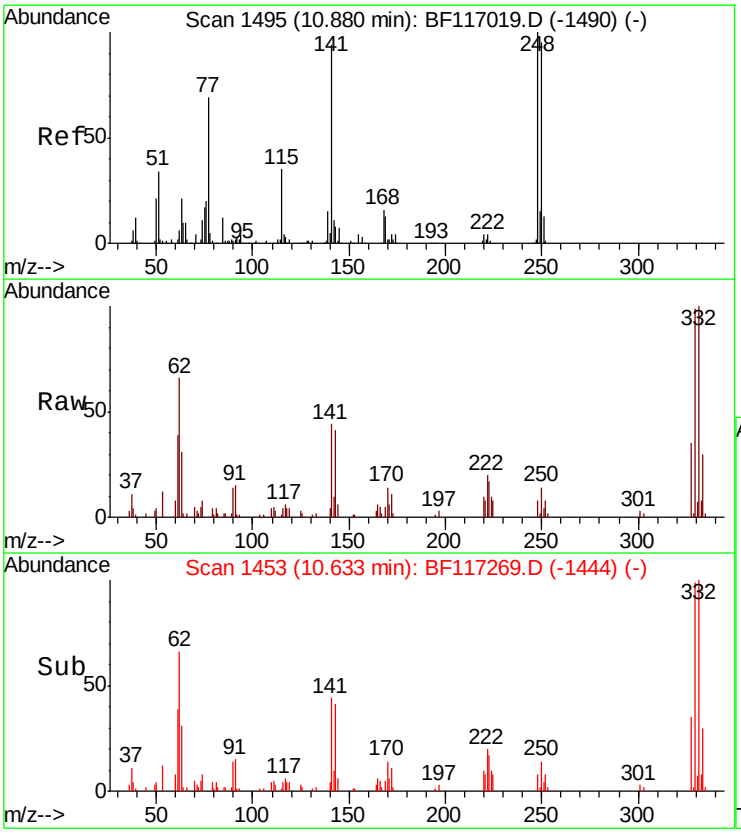
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF117269.D
Acq: 30 Sep 2019 19:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 93529

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

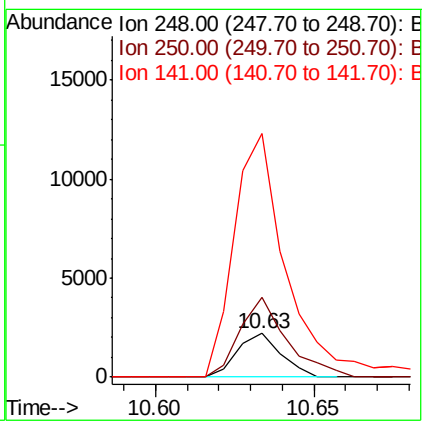


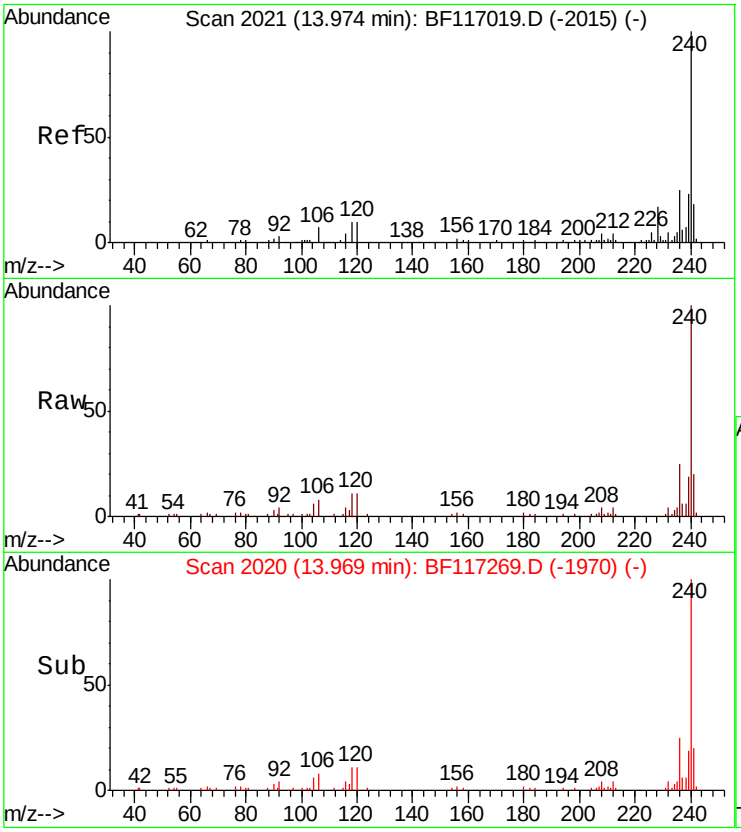


#67
4-Bromophenyl-phenylether
Concen: 2.187 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.25 min
Lab File: BF117269.D
Acq: 30 Sep 2019 19:09

Tgt Ion:248 Resp: 2089

Ion	Ratio	Lower	Upper
248	100		
250	184.3	76.2	114.4#
141	561.5	75.0	112.4#



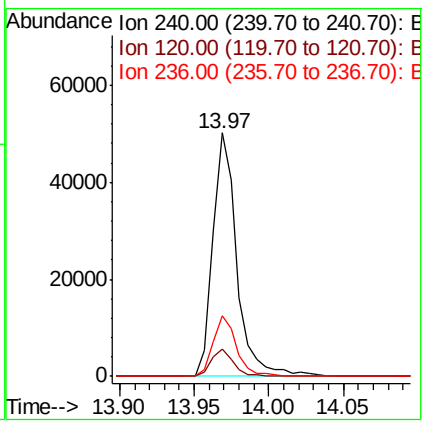


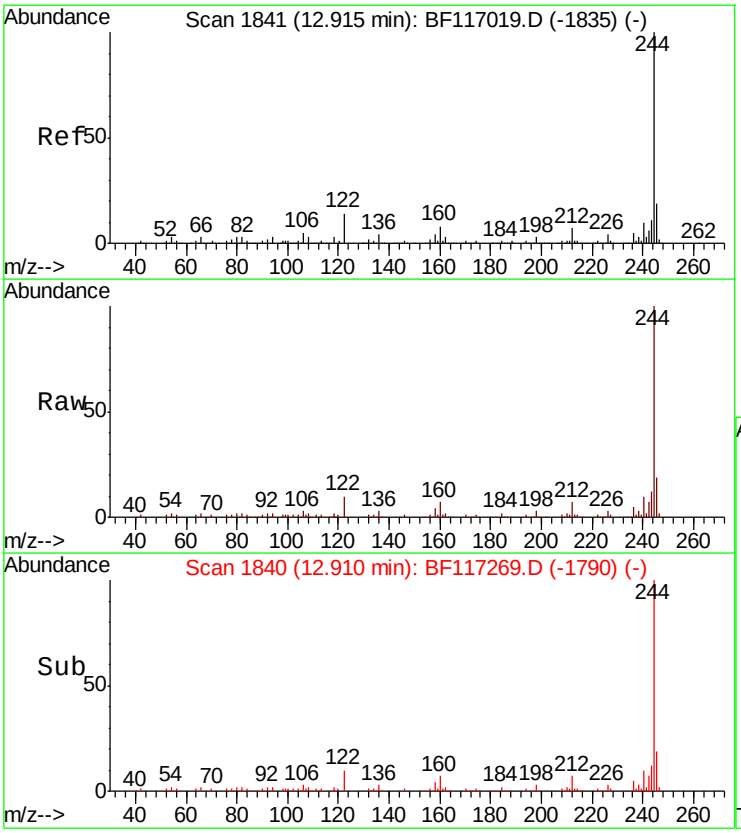
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF117269.D
Acq: 30 Sep 2019 19:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 56181

Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.3	12.5
236	24.7	20.3	30.5

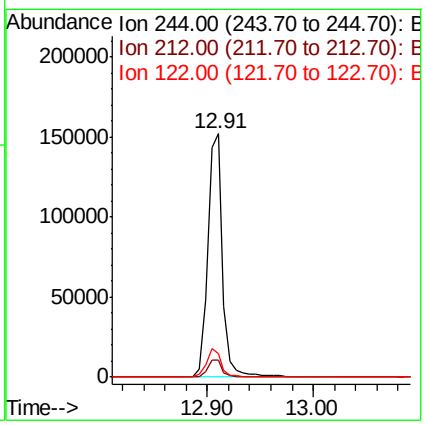


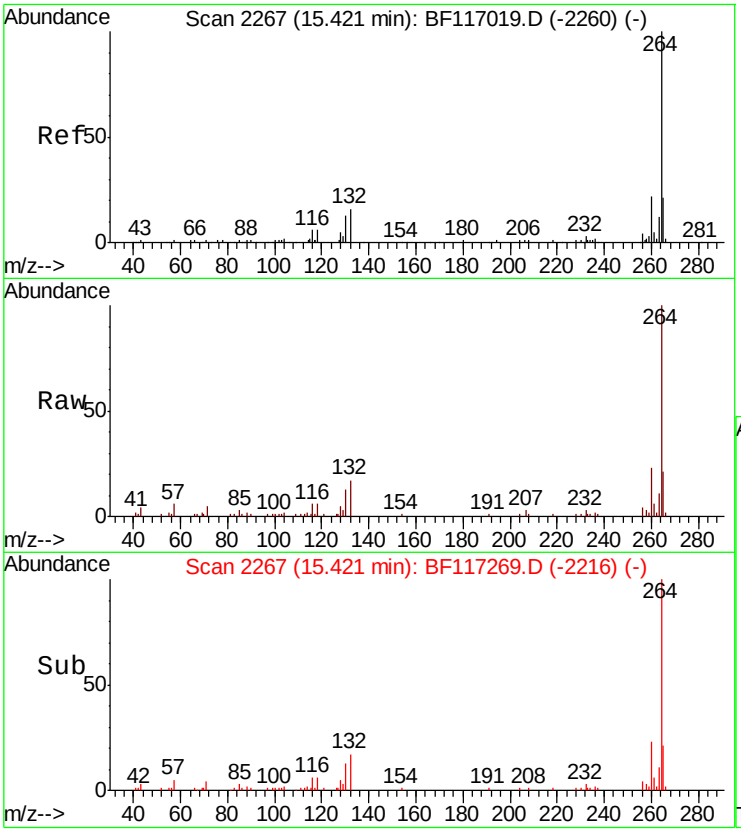


#79
Terphenyl-d14
Concen: 49.190 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF117269.D
Acq: 30 Sep 2019 19:09

Tgt Ion:244 Resp: 147844

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	9.6	11.3	16.9#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF117269.D
Acq: 30 Sep 2019 19:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 66157

Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.6	26.4
265	21.0	16.6	24.8