Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
Data File : BF117033.D
Acq On : 13 Sep 2019 20:12
Operator : HP/JU
Sample : K4851-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3D-(9-10)

Quant Time: Sep 14 00:18:49 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	6.82	152	64499	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	257254	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	135196	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	226647	20.00	ng		0.00
76) Chrysene-d12	13.97	240	171804	20.00	ng		0.00
87) Perylene-d12	15.42	264	148794	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	469256	113.59	ng		0.00
7) Phenol-d6	6.46	99	655920	122.85	ng		0.00
23) Nitrobenzene-d5	7.38	82	412051	84.16	ng		0.00
42) 2,4,6-Tribromophenol	10.64	330	143386	126.90	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	688743	79.65	ng		0.00
79) Terphenyl-d14	12.92	244	672368	73.15	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.46	77	1239	Below Cal		#	1
10) Phenol	6.47	94	30667	5.210	ng		89
19) n-Nitroso-di-n-propylamine	7.38	70	52209	16.059	ng	#	79
25) Isophorone	7.38	82	412047	47.531	ng	#	66
50) Dimethylphthalate	9.56	163	87365	9.127	ng		99
57) 2,4-Dinitrotoluene	9.85	165	16288	6.436	ng	#	18
65) 4,6-Dinitro-2-methylphenol	10.63	198	321	7.168	ng	#	1
67) 4-Bromophenyl-phenylether	10.64	248	9610	4.152	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
Data File : BF117033.D
Acq On : 13 Sep 2019 20:12
Operator : HP/JU
Sample : K4851-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-3D-(9-10)

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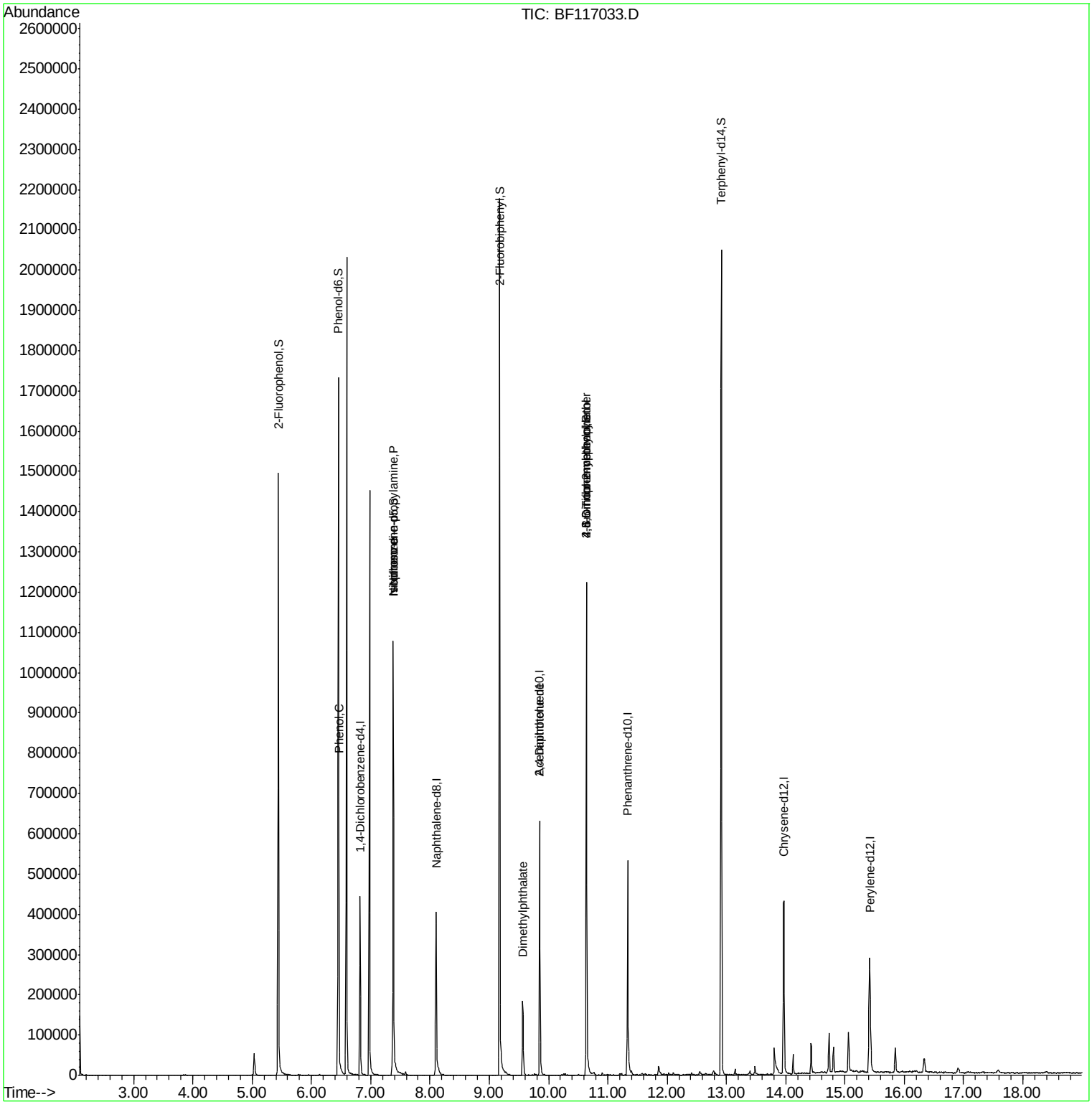
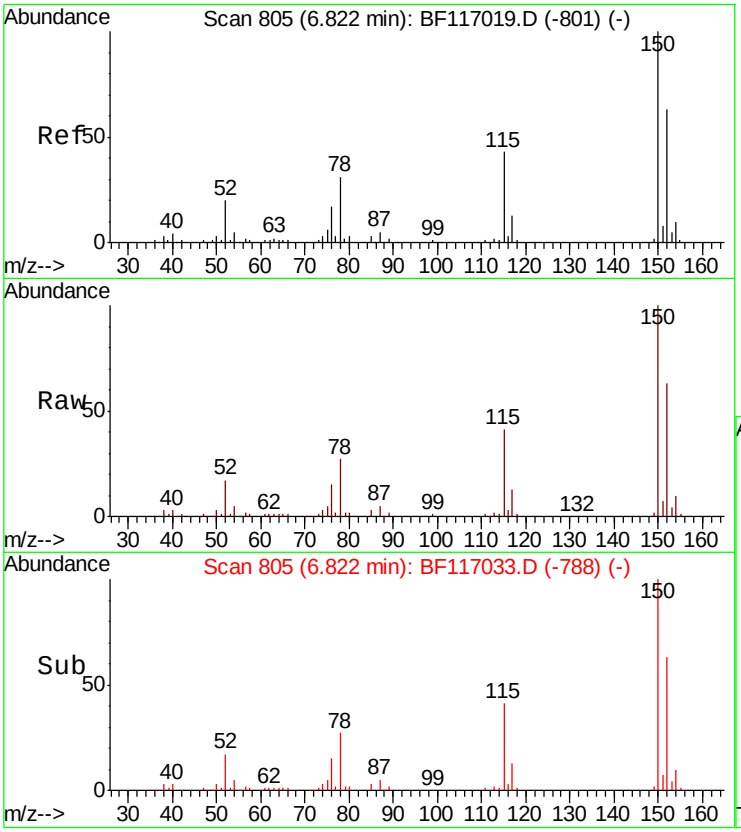


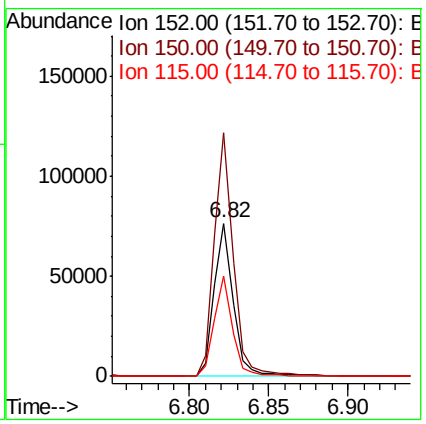


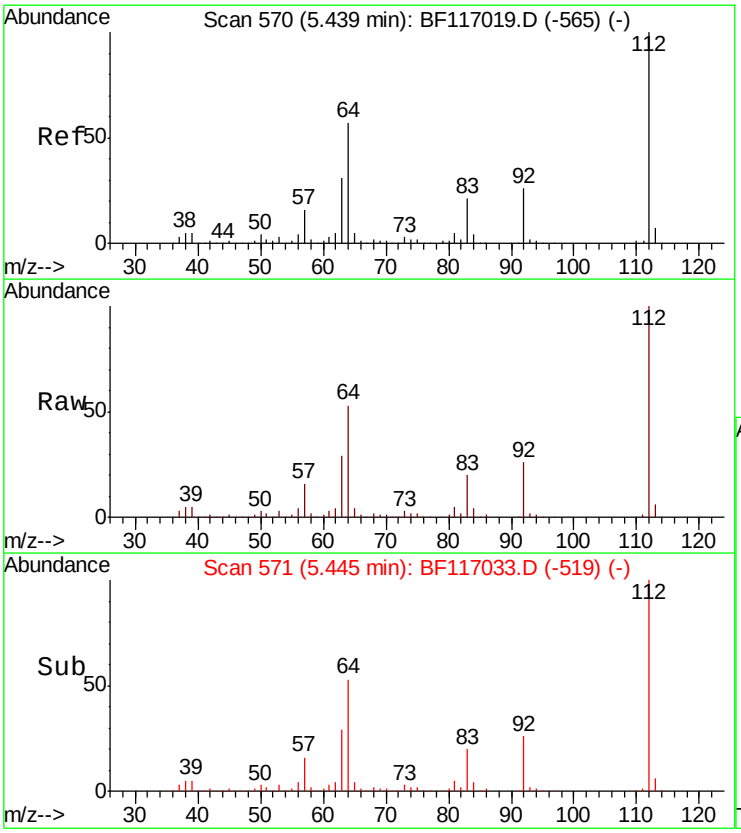
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117033.D
Acq: 13 Sep 2019 20:12

Instrument :
BNA_F
ClientSampleId :
SB-3D-(9-10)

Tgt Ion:152 Resp: 64499

Ion	Ratio	Lower	Upper
152	100		
150	159.1	127.5	191.3
115	65.9	55.0	82.4

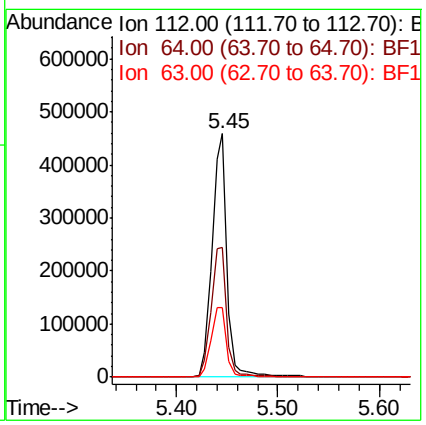


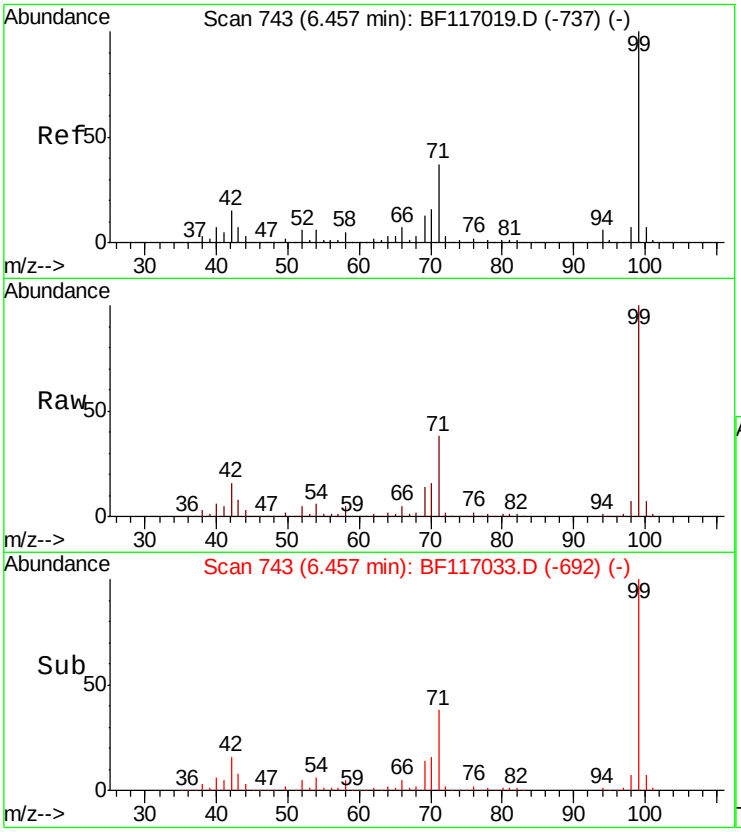


#5
2-Fluorophenol
Concen: 113.587 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF117033.D
Acq: 13 Sep 2019 20:12

Tgt Ion:112 Resp: 469256

Ion	Ratio	Lower	Upper
112	100		
64	53.2	45.7	68.5
63	28.6	24.9	37.3



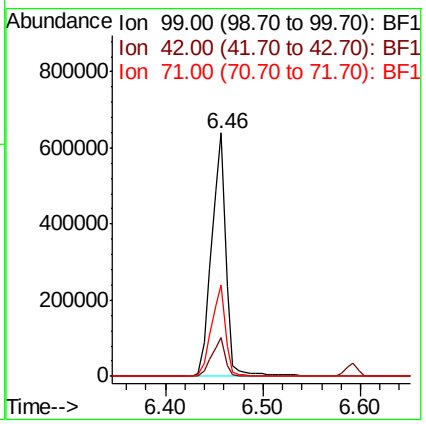


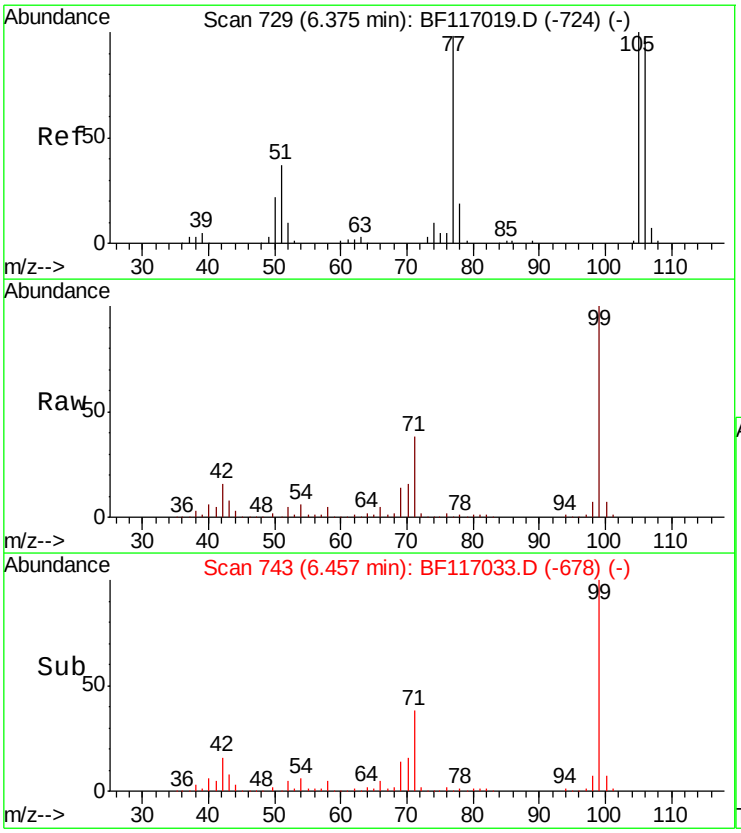
#7
Phenol-d6
Concen: 122.853 ng
RT: 6.46 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF117033.D
Acq: 13 Sep 2019 20:12

Instrument :
BNA_F
ClientSampleId :
SB-3D-(9-10)

Tgt Ion: 99 Resp: 655920

Ion	Ratio	Lower	Upper
99	100		
42	15.7	12.2	18.2
71	37.6	29.8	44.8

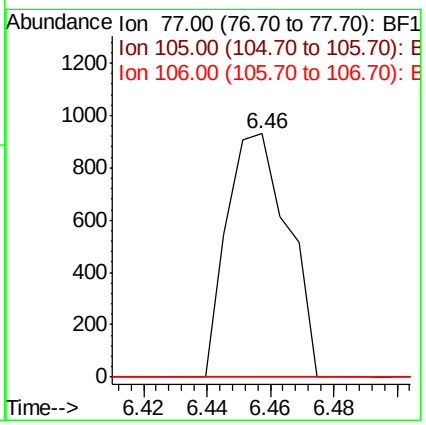


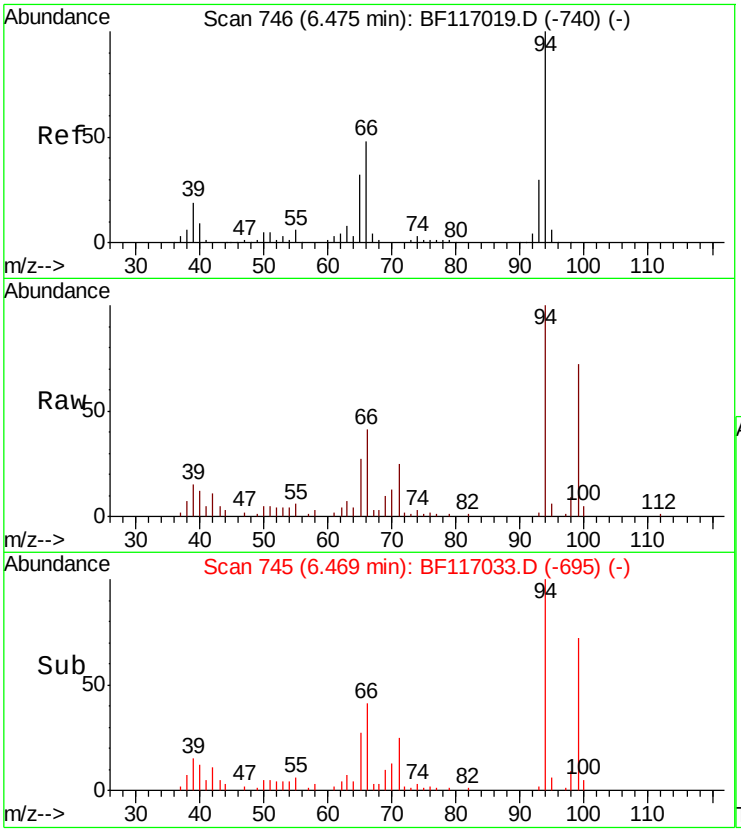


#9
Benzaldehyde
Concen: Below Cal
RT: 6.46 min Scan# 743
Delta R.T. 0.08 min
Lab File: BF117033.D
Acq: 13 Sep 2019 20:12

Tgt Ion: 77 Resp: 1239

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



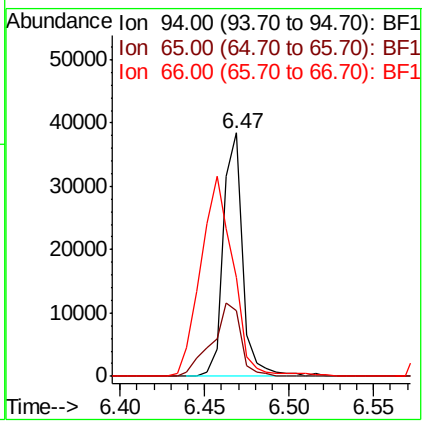


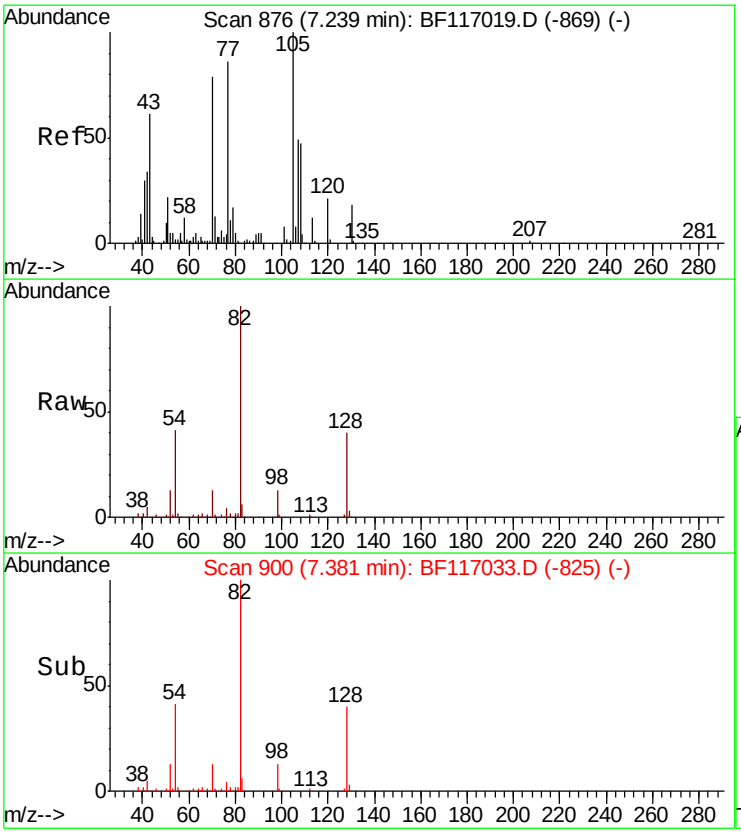
#10
Phenol
Concen: 5.210 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF117033.D
Acq: 13 Sep 2019 20:12

Instrument :
BNA_F
ClientSampleId :
SB-3D-(9-10)

Tgt Ion: 94 Resp: 30667

Ion	Ratio	Lower	Upper
94	100		
65	27.2	12.5	52.5
66	40.9	28.9	68.9

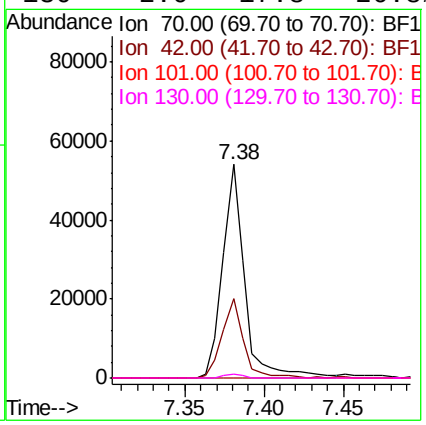


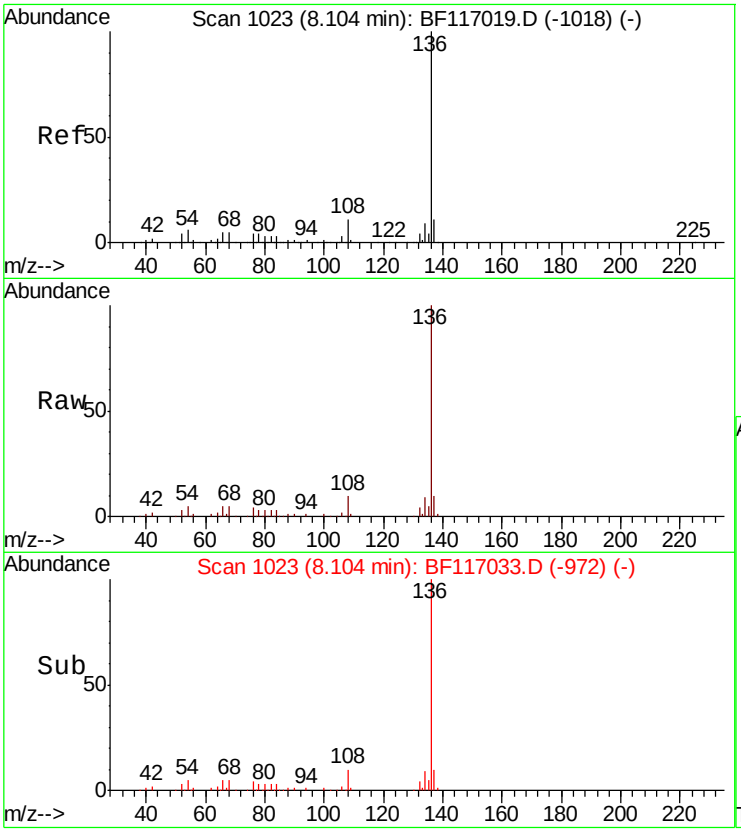


#19
n-Nitroso-di-n-propylamine
Concen: 16.059 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.14 min
Lab File: BF117033.D
Acq: 13 Sep 2019 20:12

Tgt Ion: 70 Resp: 52209

Ion	Ratio	Lower	Upper
70	100		
42	37.4	34.0	51.0
101	0.0	7.8	11.6#
130	2.0	17.8	26.8#



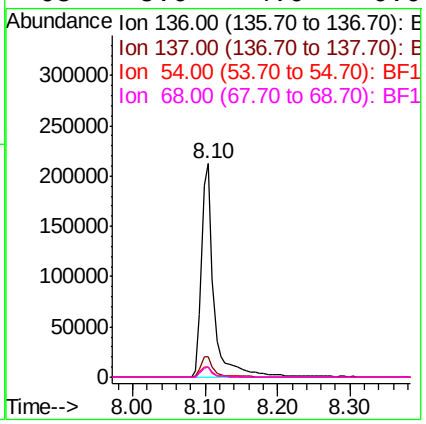


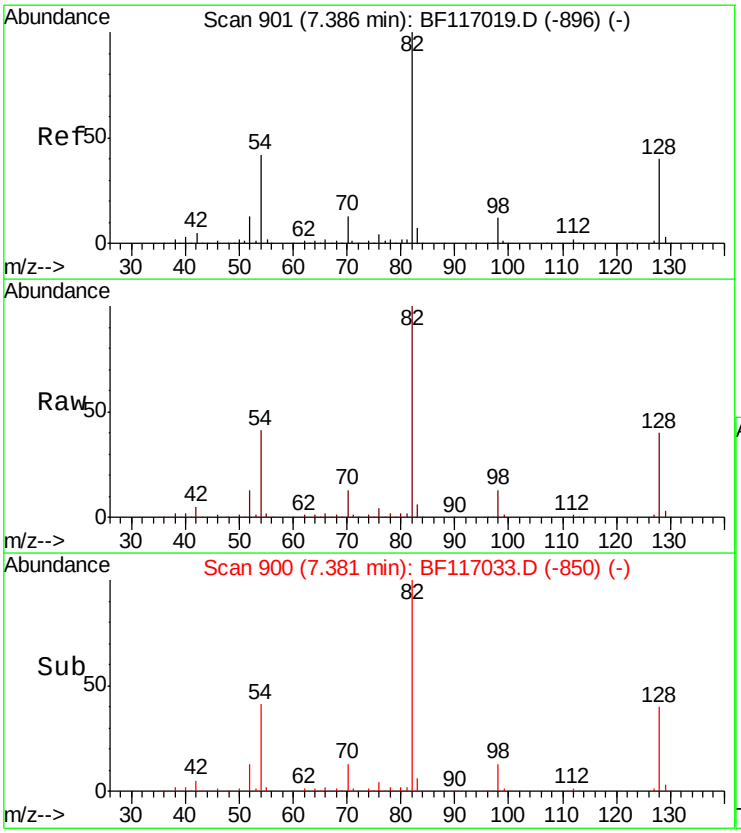
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF117033.D
Acq: 13 Sep 2019 20:12

Instrument :
BNA_F
ClientSampleId :
SB-3D-(9-10)

Tgt Ion:136 Resp: 257254

Ion	Ratio	Lower	Upper
136	100		
137	9.7	9.0	13.4
54	5.0	4.5	6.7
68	5.0	4.0	6.0

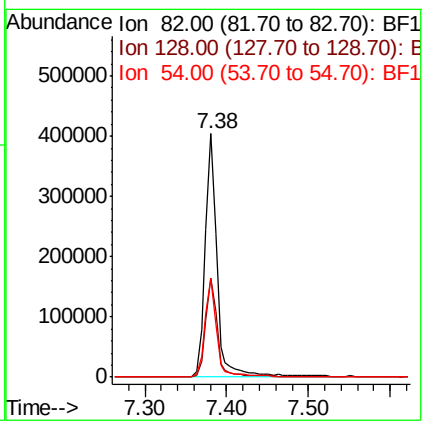


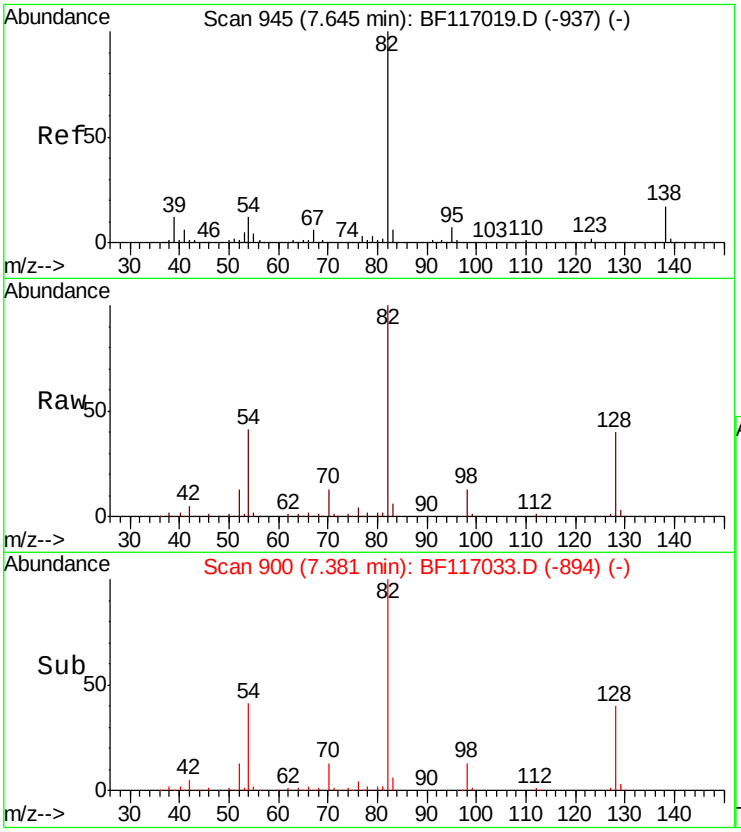


#23
Nitrobenzene-d5
Concen: 84.159 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF117033.D
Acq: 13 Sep 2019 20:12

Tgt Ion: 82 Resp: 412051

Ion	Ratio	Lower	Upper
82	100		
128	40.5	32.3	48.5
54	40.8	33.3	49.9



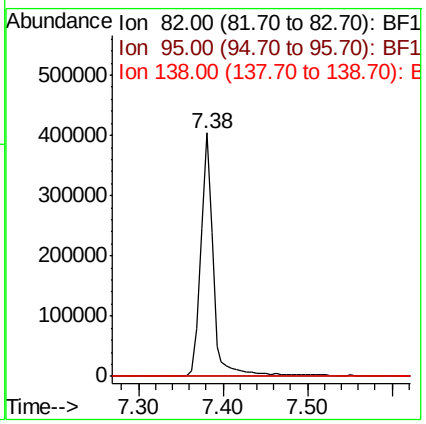


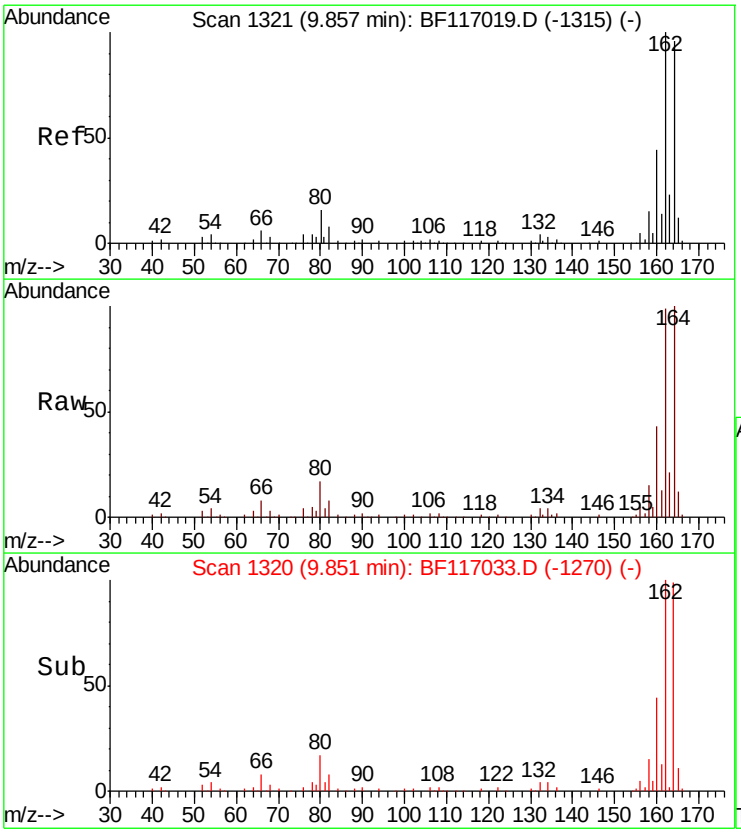
#25
Isophorone
Concen: 47.531 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.26 min
Lab File: BF117033.D
Acq: 13 Sep 2019 20:12

Instrument :
BNA_F
ClientSampleId :
SB-3D-(9-10)

Tgt Ion: 82 Resp: 412047

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

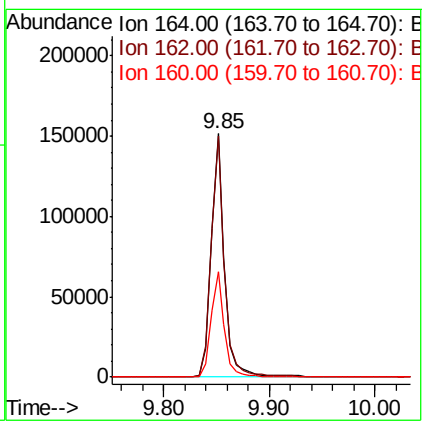


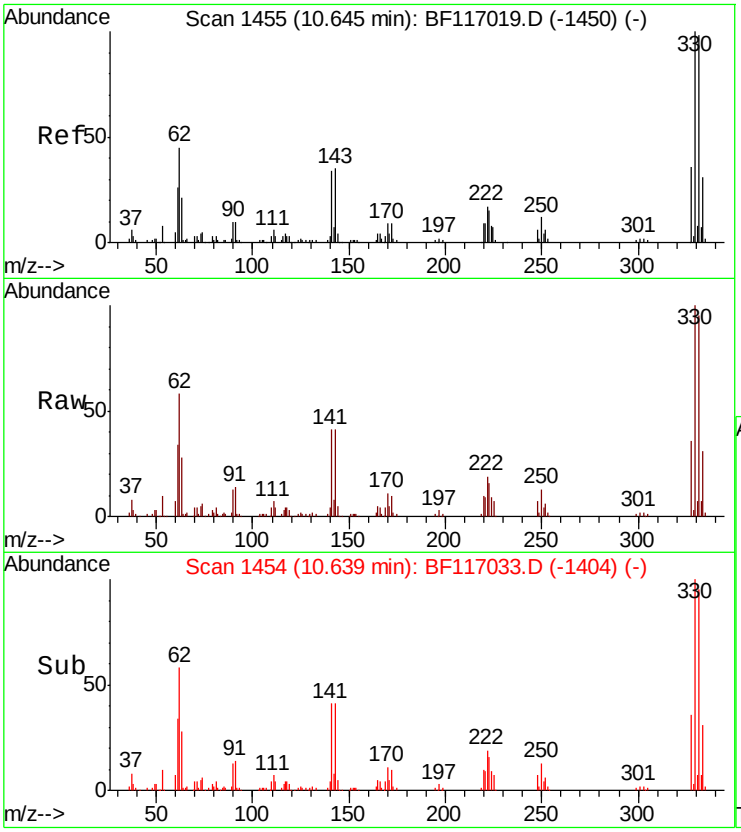


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF117033.D
Acq: 13 Sep 2019 20:12

Tgt Ion:164 Resp: 135196

Ion	Ratio	Lower	Upper
164	100		
162	99.1	83.4	125.2
160	43.4	36.4	54.6



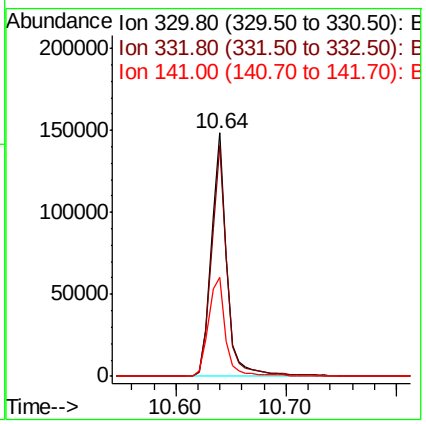


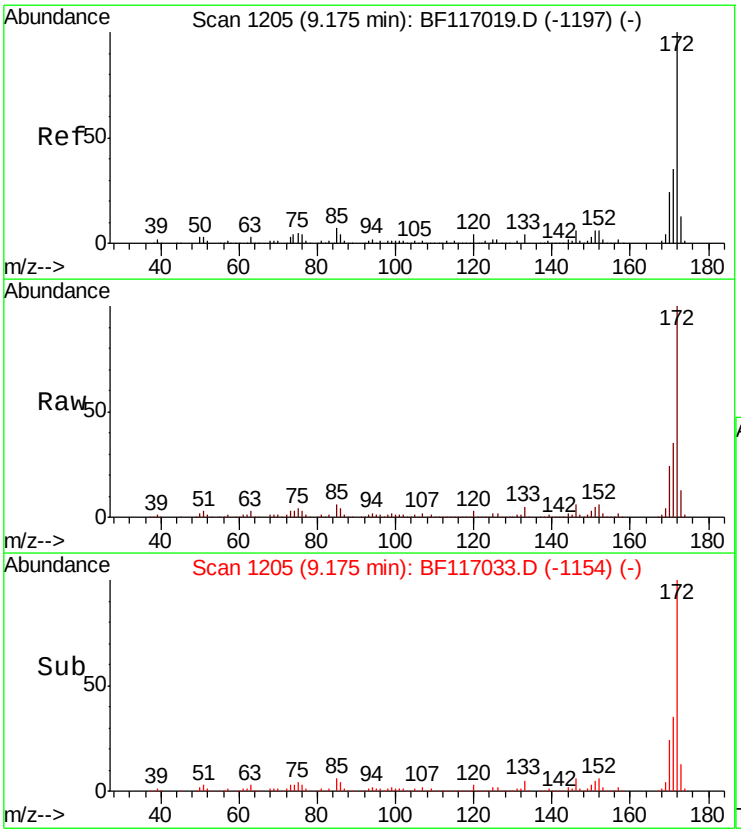
#42
2,4,6-Tribromophenol
Concen: 126.898 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF117033.D
Acq: 13 Sep 2019 20:12

Instrument :
BNA_F
ClientSampleId :
SB-3D-(9-10)

Tgt Ion:330 Resp: 143386

Ion	Ratio	Lower	Upper
330	100		
332	95.6	78.0	117.0
141	44.6	35.8	53.6

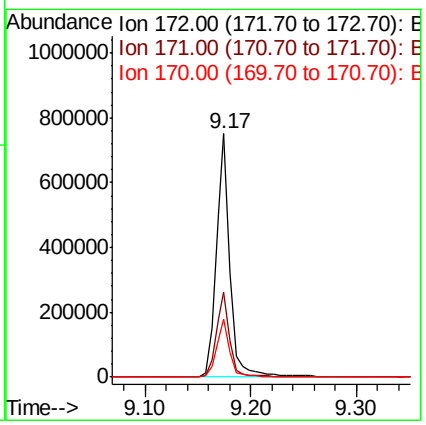


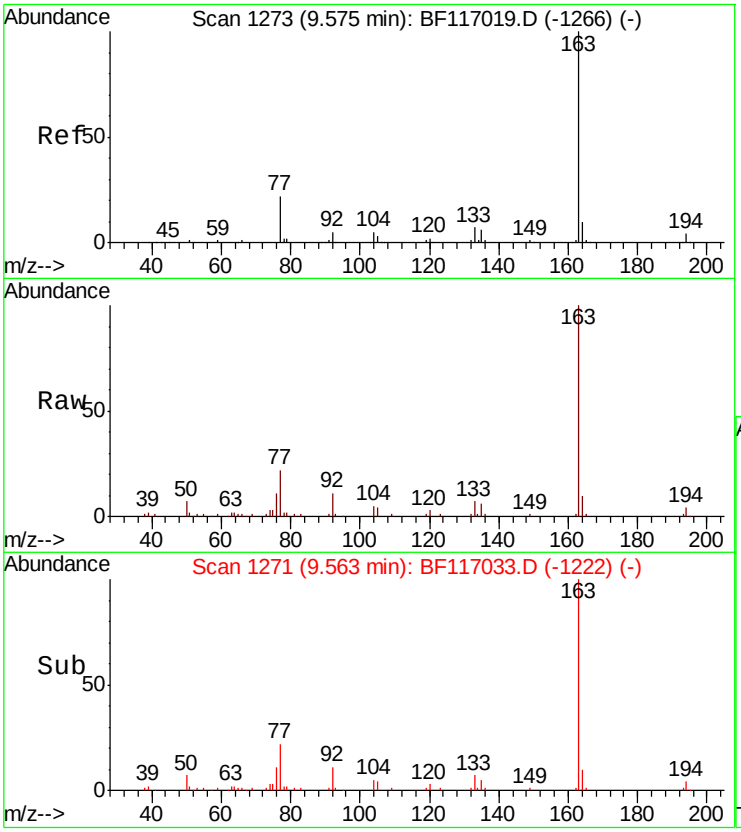


#45
2-Fluorobiphenyl
Concen: 79.655 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF117033.D
Acq: 13 Sep 2019 20:12

Tgt Ion:172 Resp: 688743

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.2	42.2
170	24.0	18.9	28.3



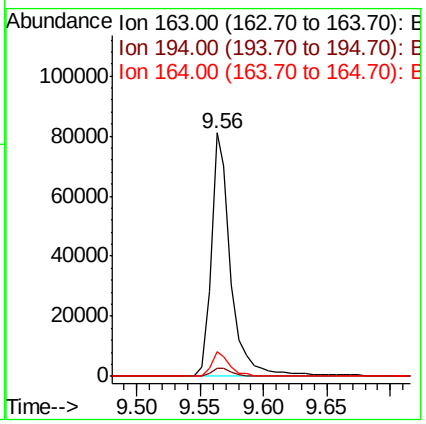


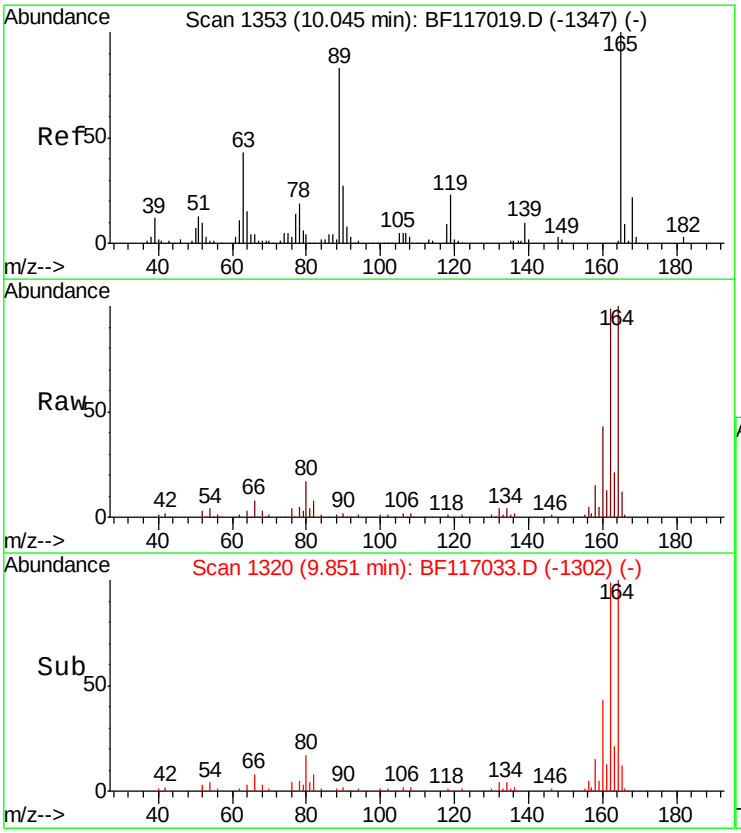
#50
Dimethylphthalate
Concen: 9.127 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF117033.D
Acq: 13 Sep 2019 20:12

Instrument :
BNA_F
ClientSampleId :
SB-3D-(9-10)

Tgt Ion:163 Resp: 87365

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.9	4.3
164	10.0	8.2	12.4

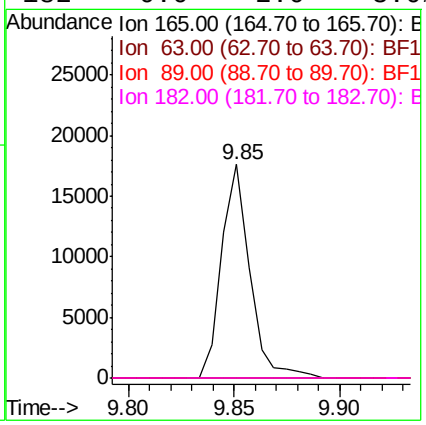


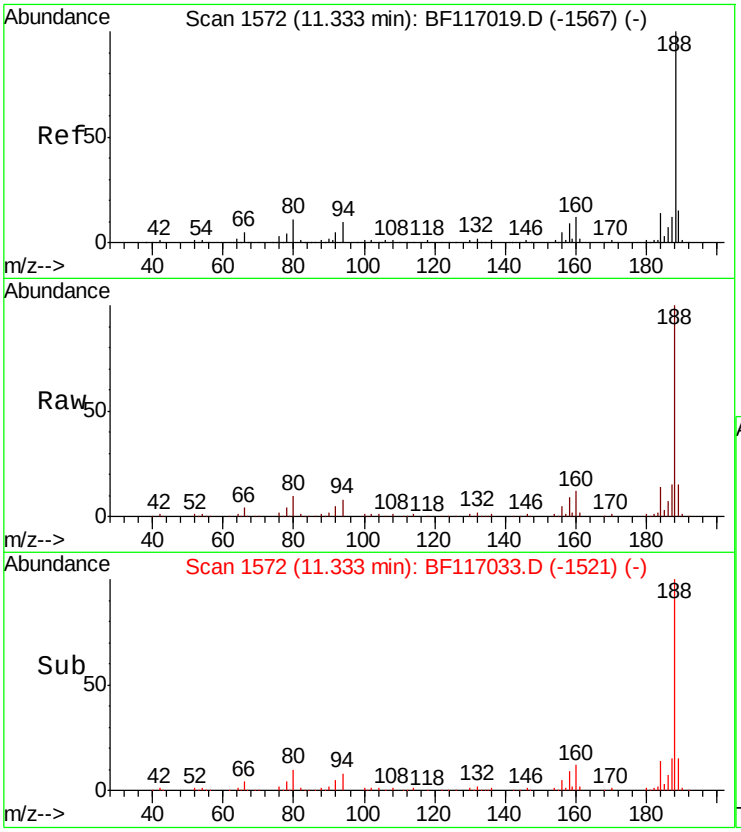


#57
2,4-Dinitrotoluene
Concen: 6.436 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.19 min
Lab File: BF117033.D
Acq: 13 Sep 2019 20:12

Tgt Ion:165 Resp: 16288

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#



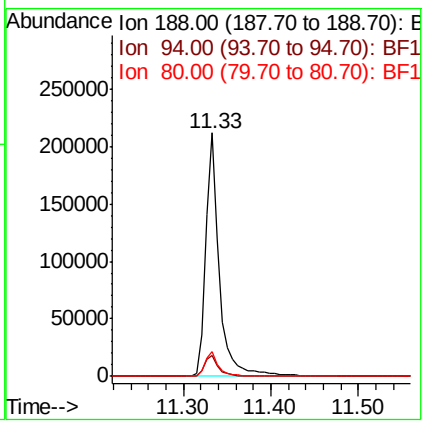


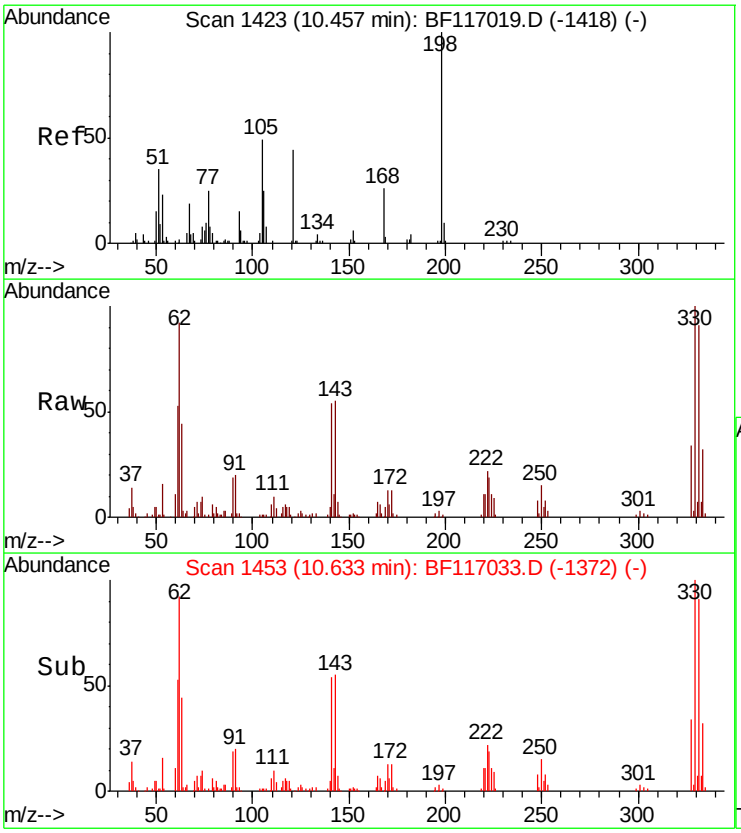
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF117033.D
Acq: 13 Sep 2019 20:12

Instrument :
BNA_F
ClientSampleId :
SB-3D-(9-10)

Tgt Ion:188 Resp: 226647

Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.2	12.2
80	10.3	9.0	13.6

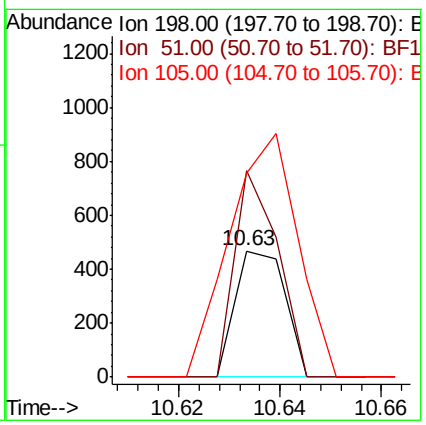


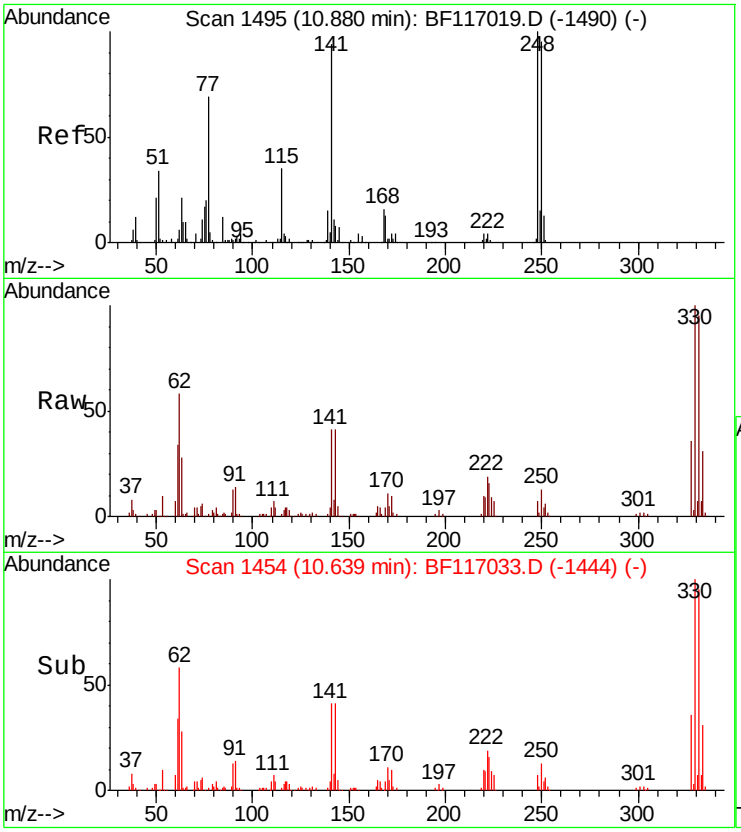


#65
4,6-Dinitro-2-methylphenol
Concen: 7.168 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.18 min
Lab File: BF117033.D
Acq: 13 Sep 2019 20:12

Tgt Ion:198 Resp: 321

Ion	Ratio	Lower	Upper
198	100		
51	163.8	18.7	58.7#
105	161.2	30.2	70.2#



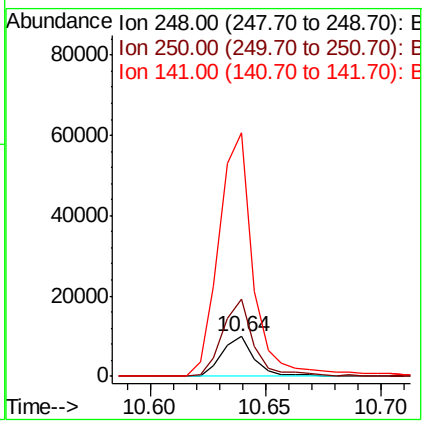


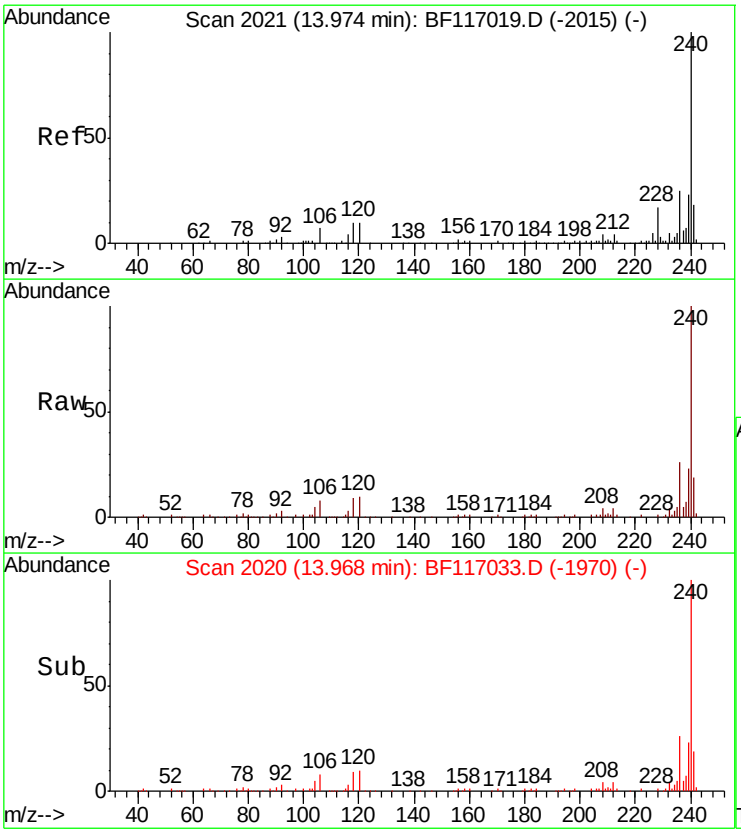
#67
4-Bromophenyl-phenylether
Concen: 4.152 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF117033.D
Acq: 13 Sep 2019 20:12

Instrument :
BNA_F
ClientSampleId :
SB-3D-(9-10)

Tgt Ion:248 Resp: 9610

Ion	Ratio	Lower	Upper
248	100		
250	194.1	76.2	114.4#
141	614.4	75.0	112.4#

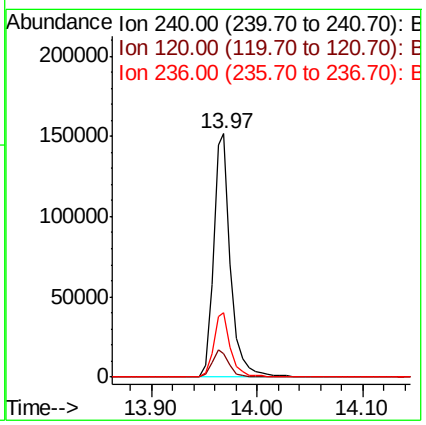


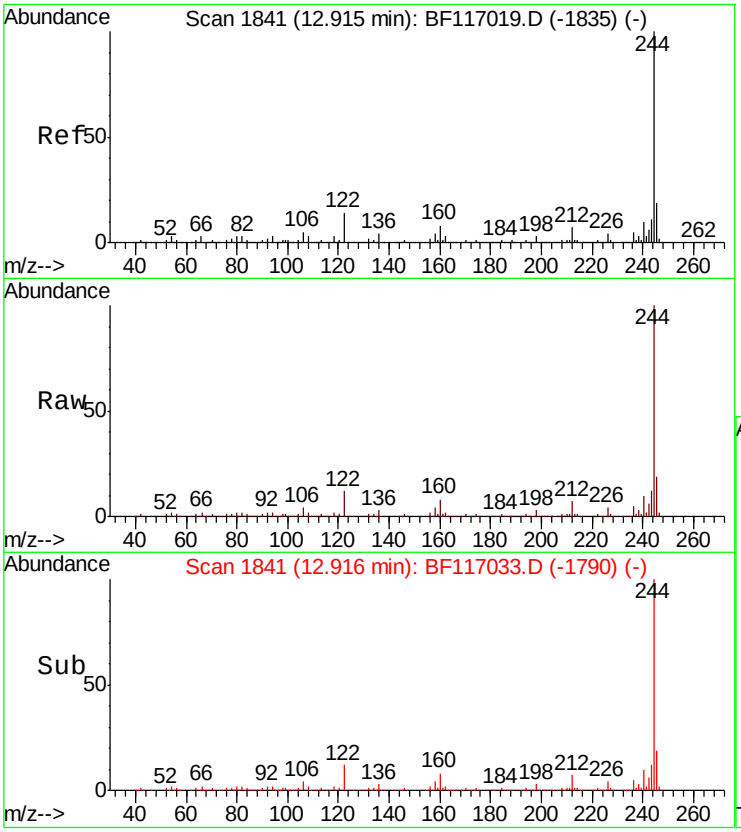


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF117033.D
Acq: 13 Sep 2019 20:12

Tgt Ion:240 Resp: 171804

Ion	Ratio	Lower	Upper
240	100		
120	9.7	8.3	12.5
236	26.4	20.3	30.5



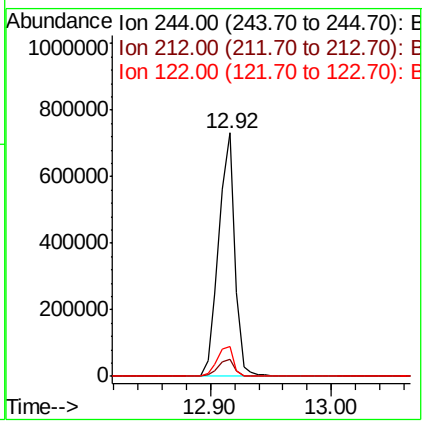


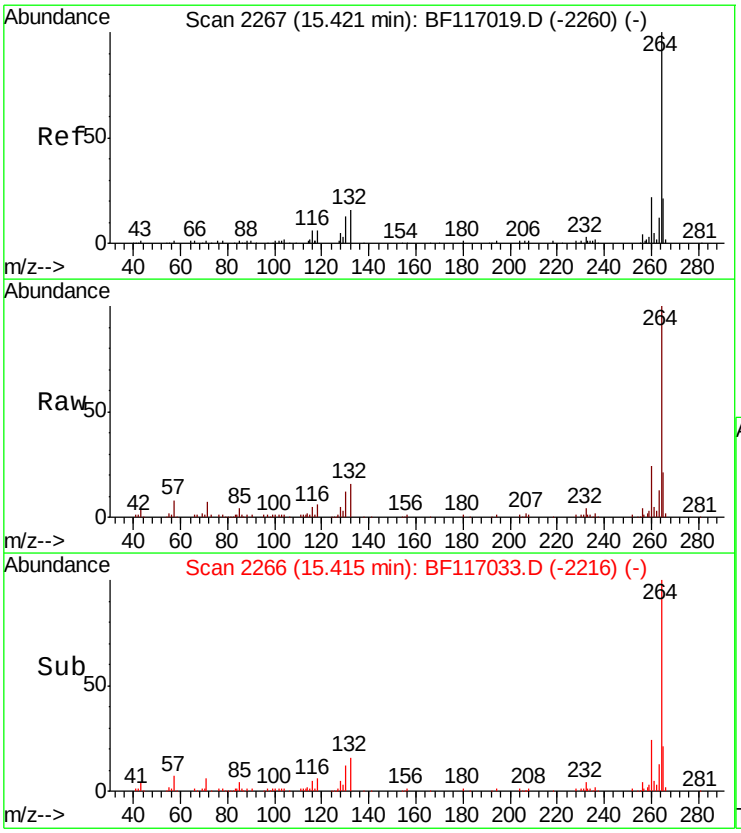
#79
Terphenyl-d14
Concen: 73.153 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BF117033.D
Acq: 13 Sep 2019 20:12

Instrument :
BNA_F
ClientSampleId :
SB-3D-(9-10)

Tgt Ion:244 Resp: 672368

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	12.0	11.3	16.9





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF117033.D
Acq: 13 Sep 2019 20:12

Tgt Ion:264 Resp: 148794

Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.6	26.4
265	20.7	16.6	24.8