Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
Data File : BF117039.D
Acq On : 13 Sep 2019 22:51
Operator : HP/JU
Sample : K4852-01RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 14 00:20:20 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	63546	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	262180	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	133930	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	224766	20.00	ng	0.00
76) Chrysene-d12	13.96	240	166277	20.00	ng	-0.01
87) Perylene-d12	15.41	264	147562	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	337887	83.01	ng	0.00
7) Phenol-d6	6.45	99	486841	92.55	ng	0.00
23) Nitrobenzene-d5	7.38	82	288339	57.78	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	107490	96.03	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	517298	60.39	ng	0.00
79) Terphenyl-d14	12.91	244	525909	59.12	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.45	77	803	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.38	70	38014	11.868	ng	# 79
25) Isophorone	7.38	82	288335	32.636	ng	# 66
50) Dimethylphthalate	9.57	163	57912	6.107	ng	99
51) 2,6-Dinitrotoluene	9.85	165	17061	8.834	ng	# 25
57) 2,4-Dinitrotoluene	9.85	165	17061	6.805	ng	# 19
67) 4-Bromophenyl-phenylether	10.64	248	6475	2.821	ng	# 1
89) Benzo(k)fluoranthene	15.00	252	17384	2.053	ng	96

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

Quantitation Report (Not Reviewed)

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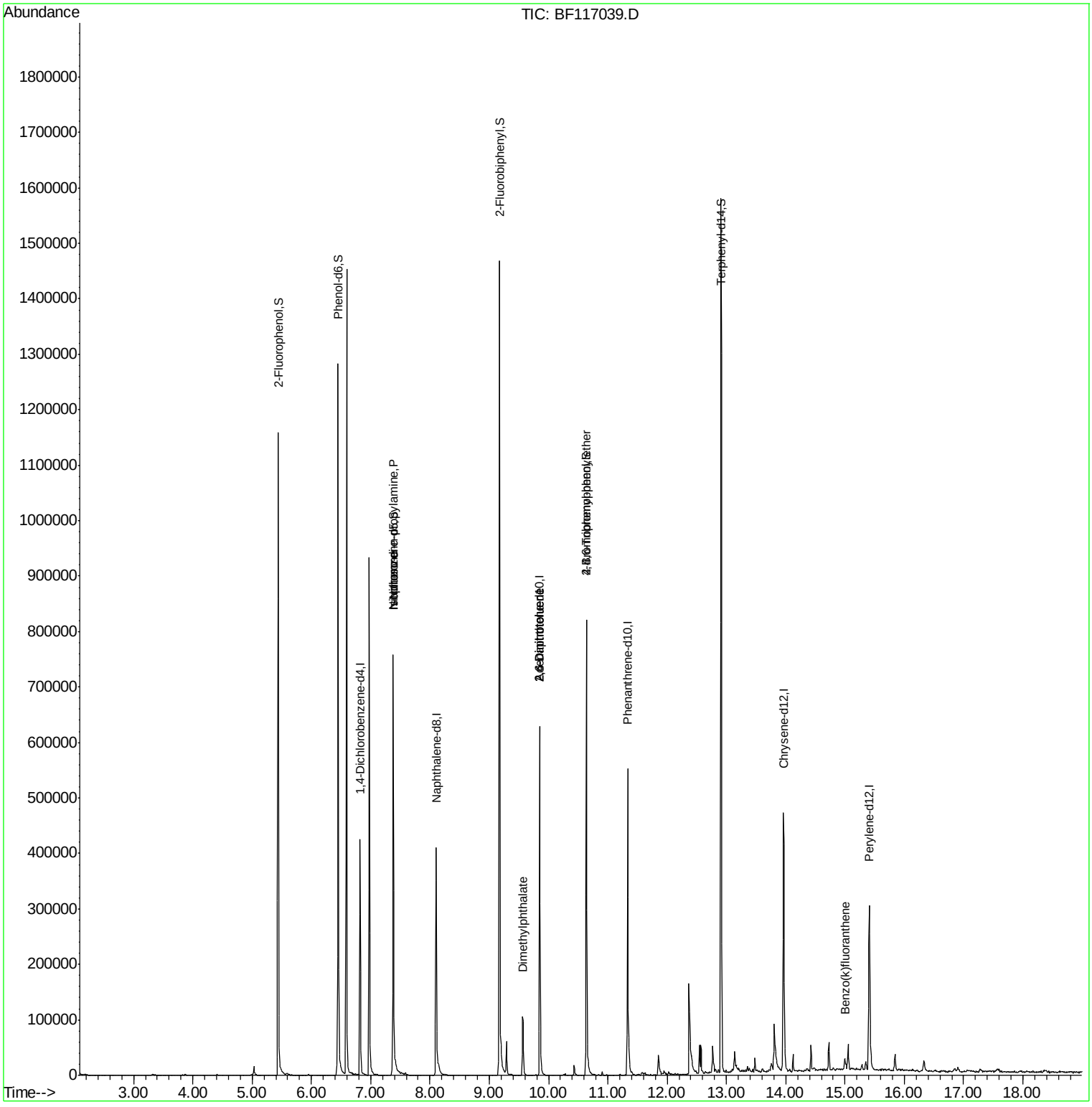
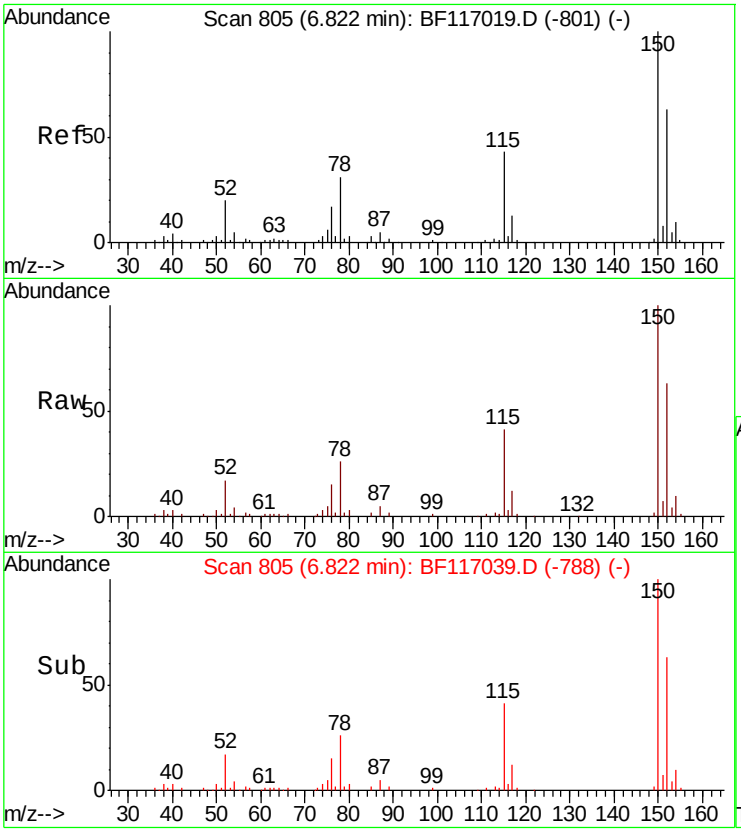
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 14 00:20:20 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



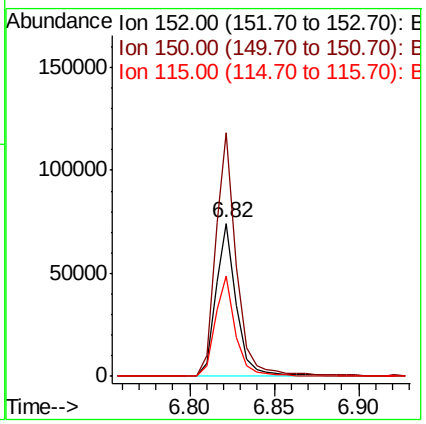


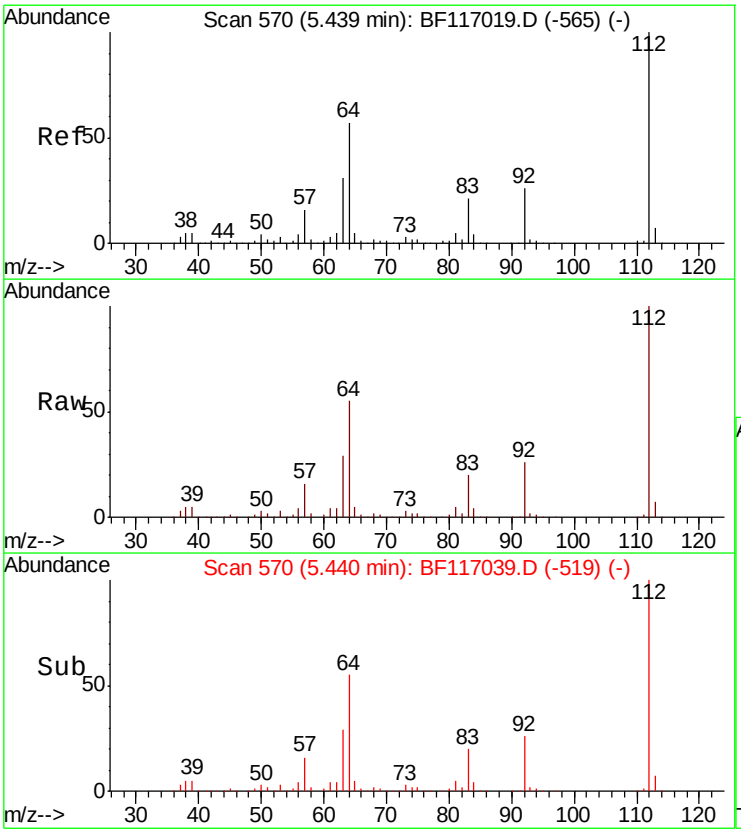
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117039.D
Acq: 13 Sep 2019 22:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 63546

Ion	Ratio	Lower	Upper
152	100		
150	159.1	127.5	191.3
115	65.4	55.0	82.4

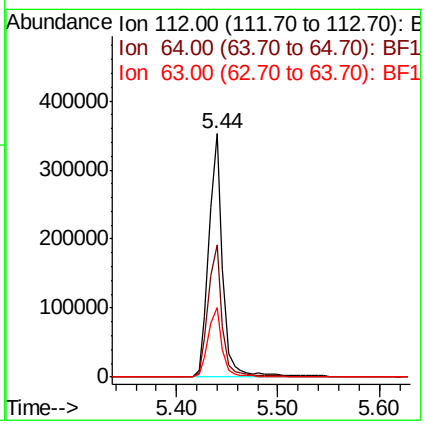


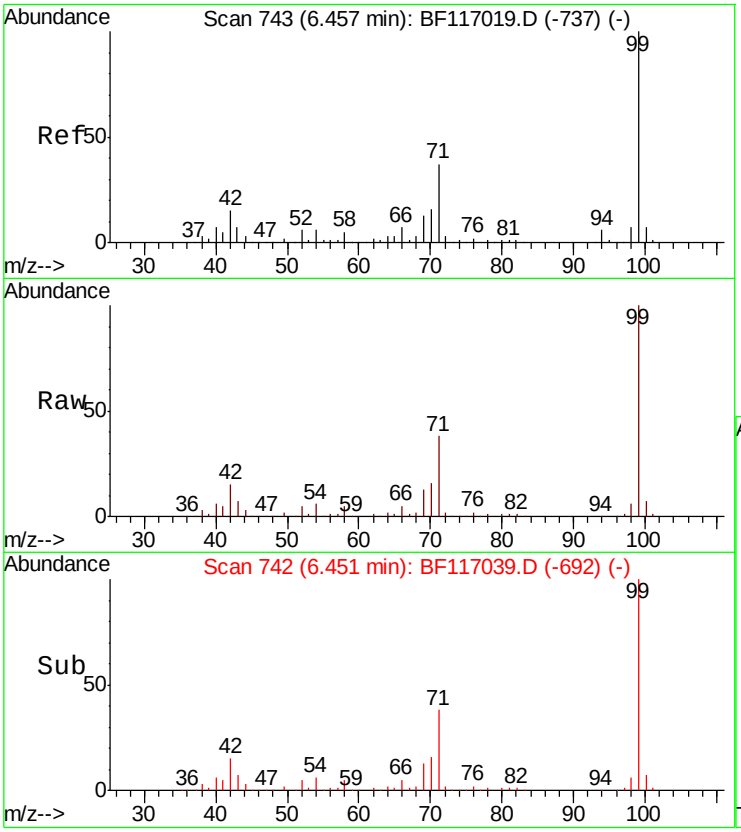


#5
2-Fluorophenol
Concen: 83.015 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF117039.D
Acq: 13 Sep 2019 22:51

Tgt Ion:112 Resp: 337887

Ion	Ratio	Lower	Upper
112	100		
64	54.5	45.7	68.5
63	28.5	24.9	37.3



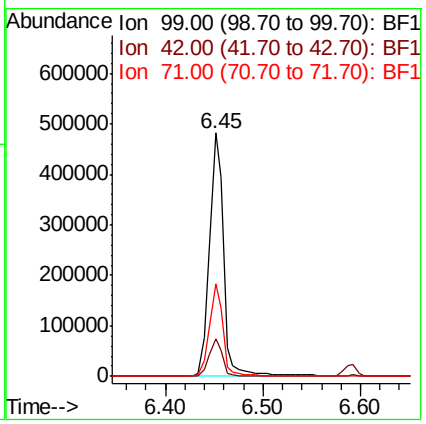


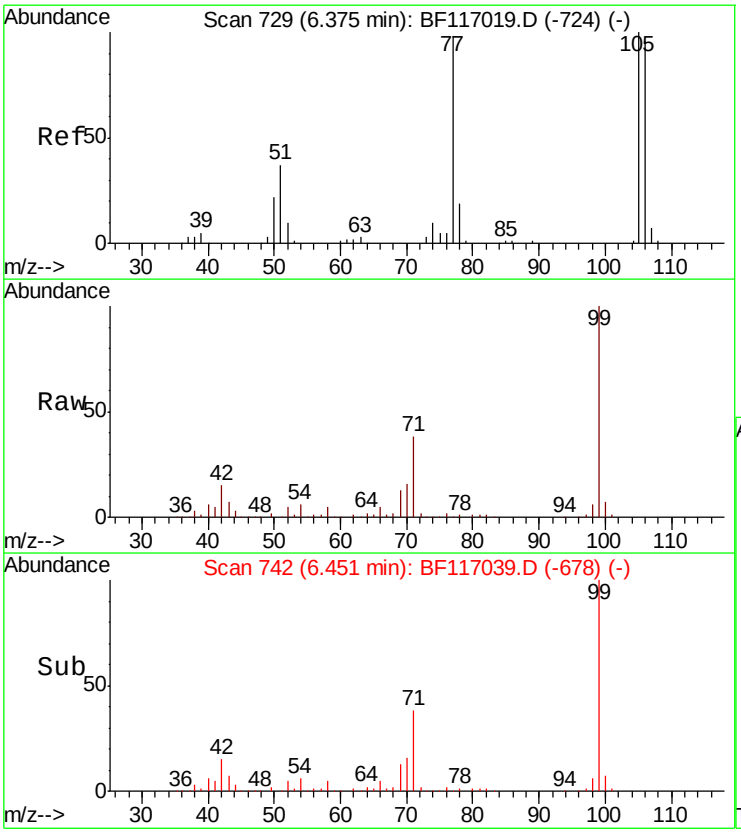
#7
Phenol-d6
Concen: 92.552 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF117039.D
Acq: 13 Sep 2019 22:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 486841

Ion	Ratio	Lower	Upper
99	100		
42	15.3	12.2	18.2
71	38.2	29.8	44.8

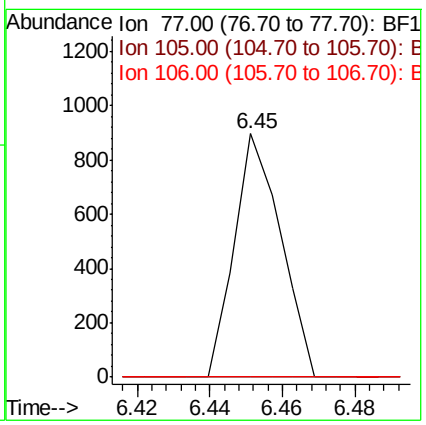


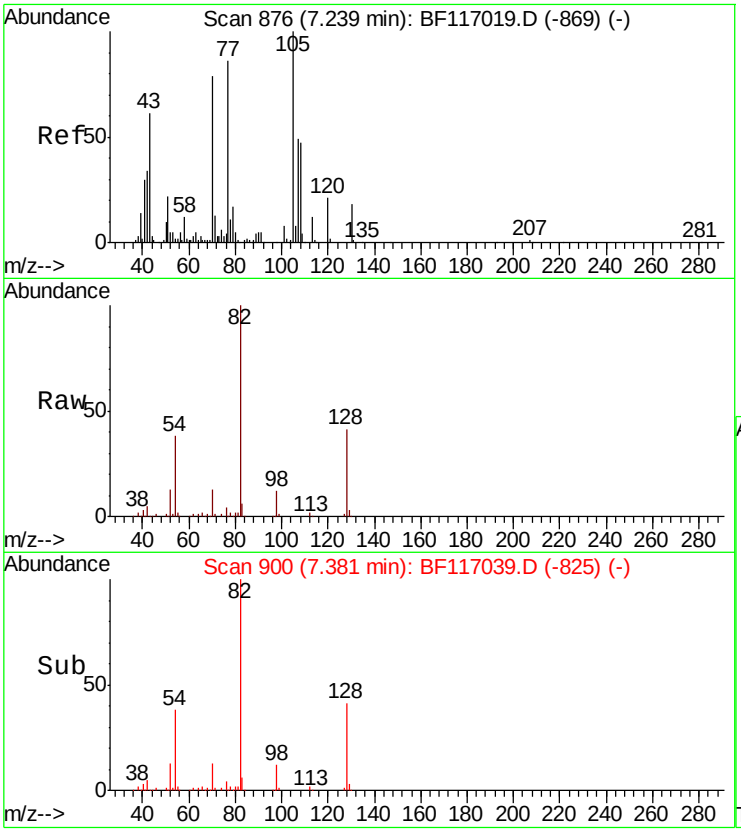


#9
Benzaldehyde
Concen: Below Cal
RT: 6.45 min Scan# 742
Delta R.T. 0.08 min
Lab File: BF117039.D
Acq: 13 Sep 2019 22:51

Tgt Ion: 77 Resp: 803

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



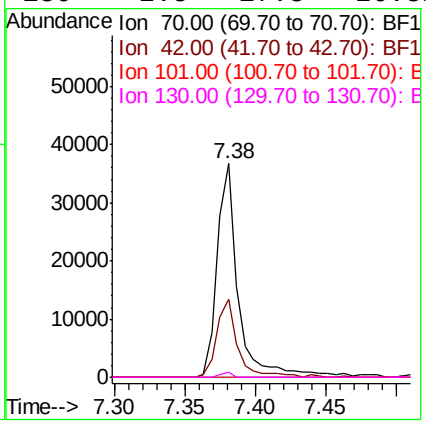


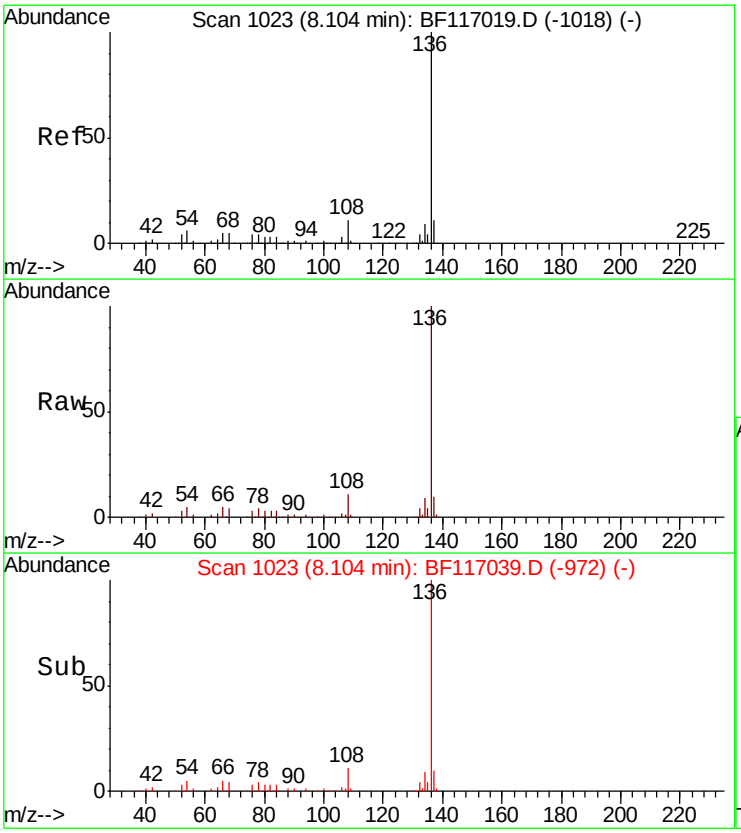
#19
n-Nitroso-di-n-propylamine
Concen: 11.868 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.14 min
Lab File: BF117039.D
Acq: 13 Sep 2019 22:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 38014

Ion	Ratio	Lower	Upper
70	100		
42	36.7	34.0	51.0
101	0.0	7.8	11.6#
130	2.5	17.8	26.8#

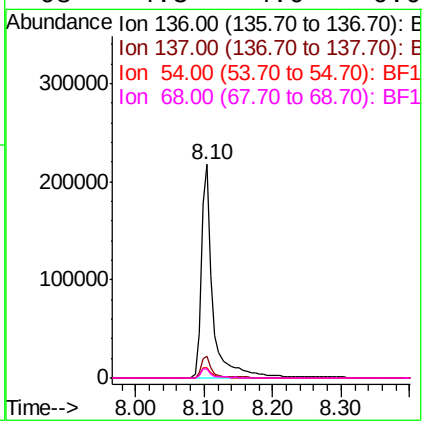


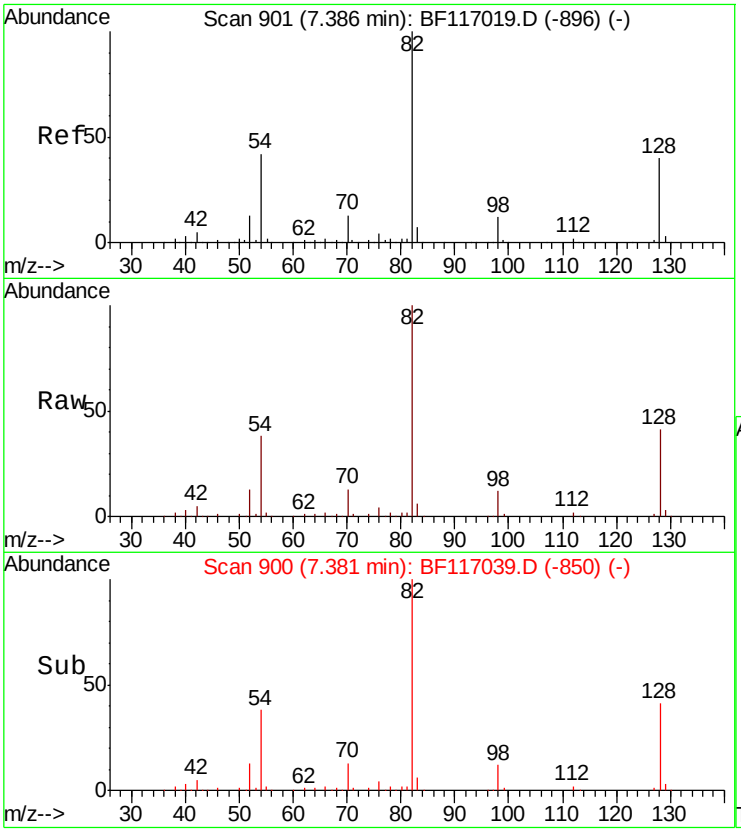


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF117039.D
Acq: 13 Sep 2019 22:51

Tgt Ion:136 Resp: 262180

Ion	Ratio	Lower	Upper
136	100		
137	10.0	9.0	13.4
54	4.8	4.5	6.7
68	4.3	4.0	6.0



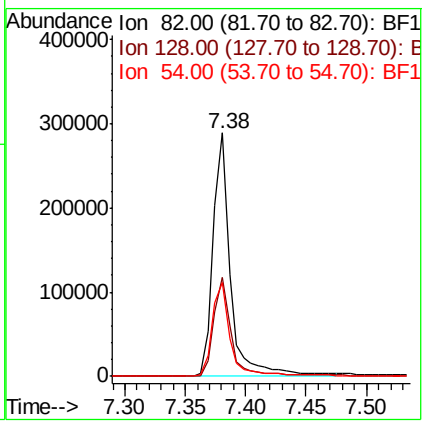


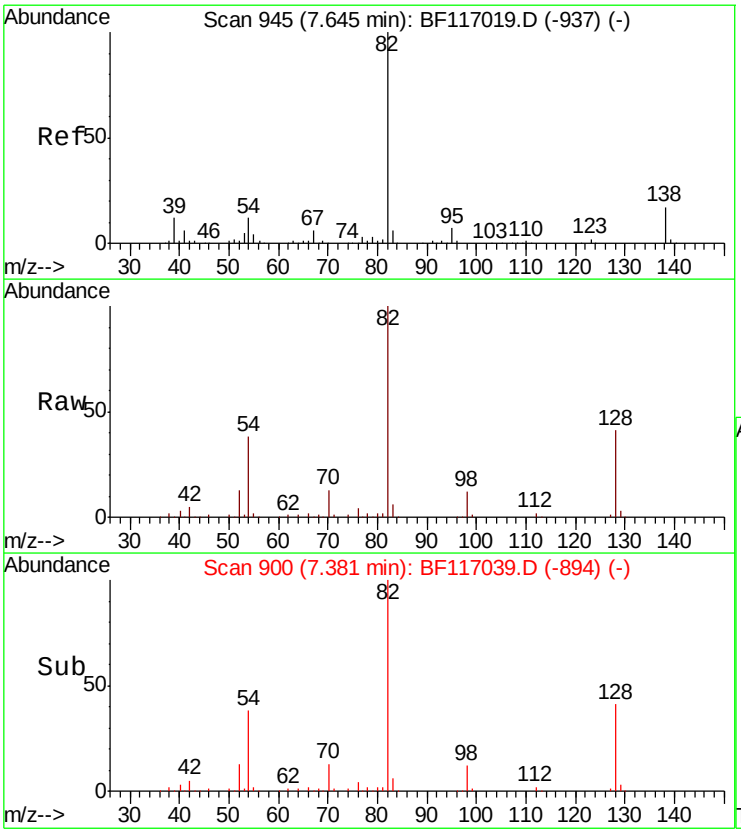
#23
Nitrobenzene-d5
Concen: 57.785 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF117039.D
Acq: 13 Sep 2019 22:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 288339

Ion	Ratio	Lower	Upper
82	100		
128	40.8	32.3	48.5
54	38.5	33.3	49.9

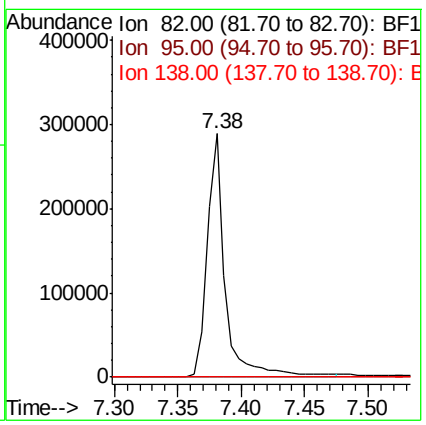


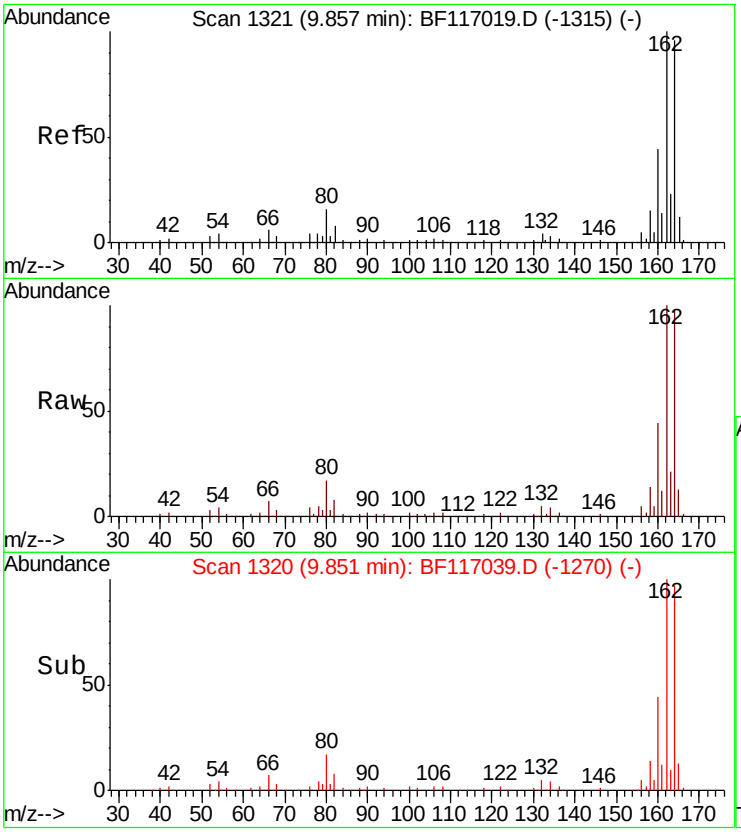


#25
Isophorone
Concen: 32.636 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.26 min
Lab File: BF117039.D
Acq: 13 Sep 2019 22:51

Tgt Ion: 82 Resp: 288335

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



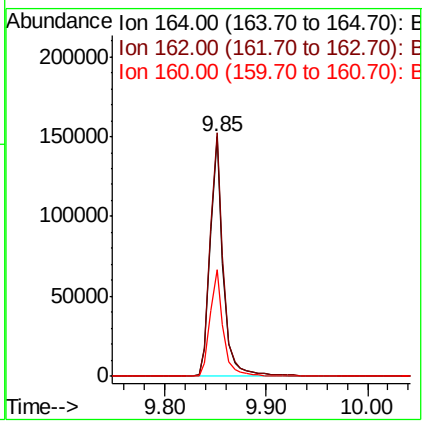


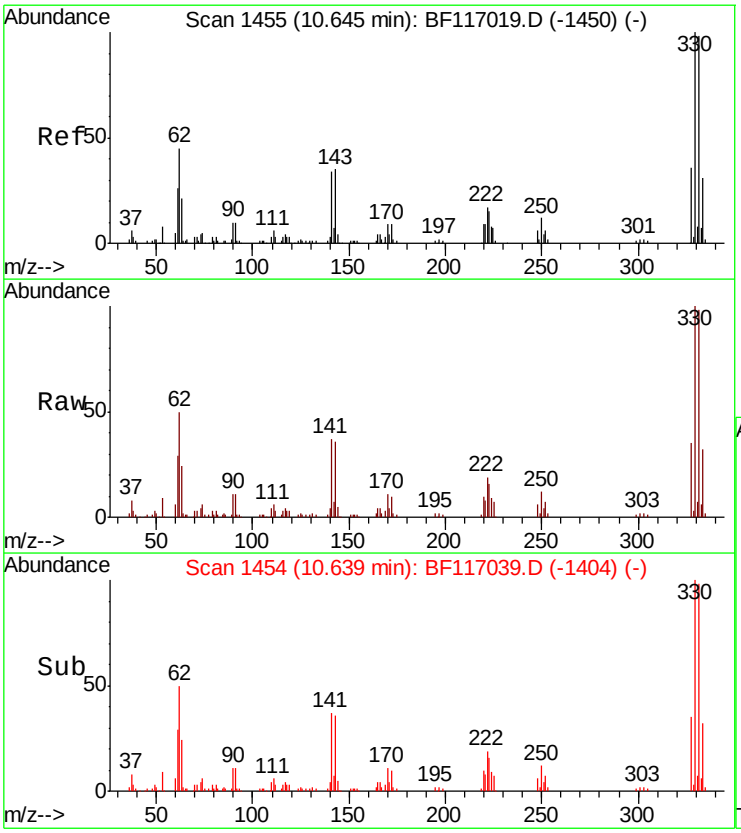
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF117039.D
Acq: 13 Sep 2019 22:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 133930

Ion	Ratio	Lower	Upper
164	100		
162	101.8	83.4	125.2
160	44.6	36.4	54.6

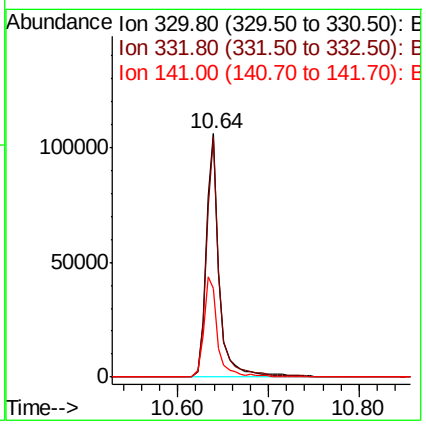


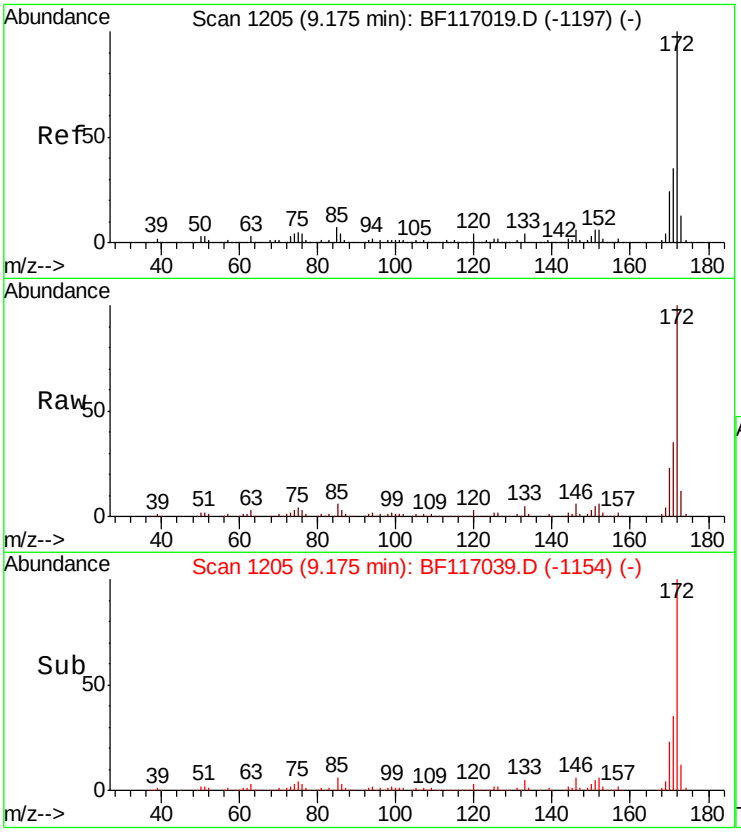


#42
2,4,6-Tribromophenol
Concen: 96.029 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF117039.D
Acq: 13 Sep 2019 22:51

Tgt Ion:330 Resp: 107490

Ion	Ratio	Lower	Upper
330	100		
332	96.0	78.0	117.0
141	43.7	35.8	53.6



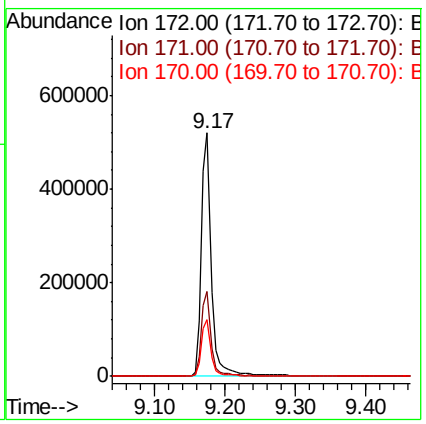


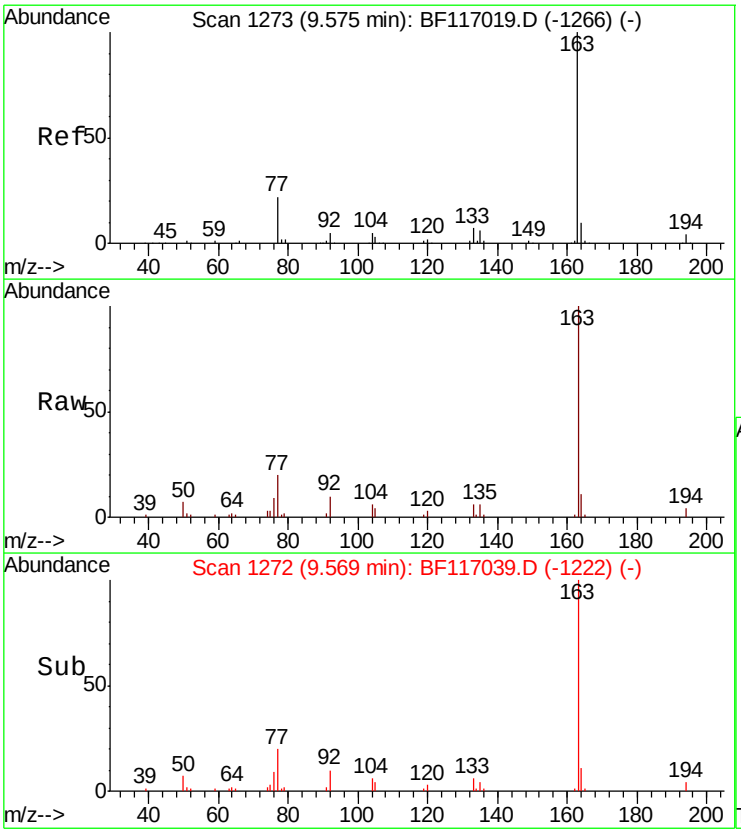
#45
2-Fluorobiphenyl
Concen: 60.392 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF117039.D
Acq: 13 Sep 2019 22:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 517298

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.2	42.2
170	23.2	18.9	28.3

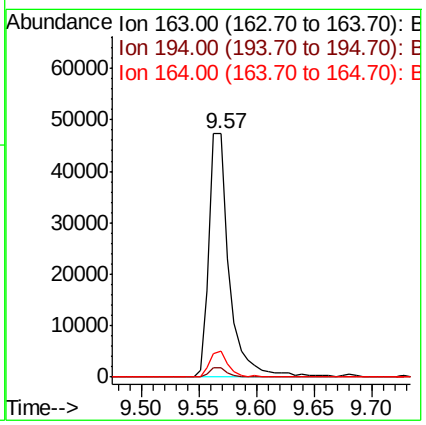


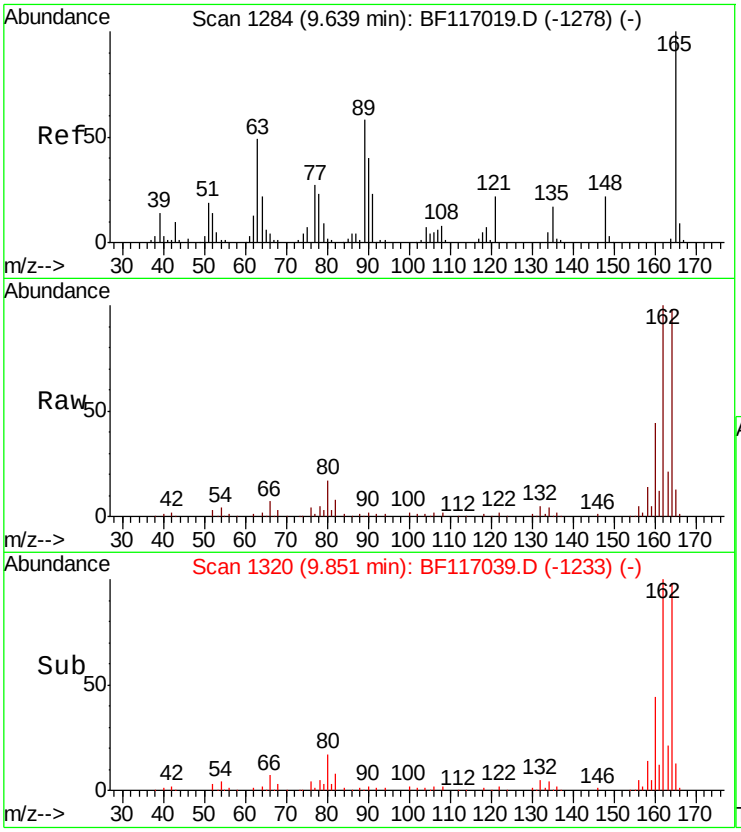


#50
Dimethylphthalate
Concen: 6.107 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF117039.D
Acq: 13 Sep 2019 22:51

Tgt Ion:163 Resp: 57912

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.9	4.3
164	10.8	8.2	12.4



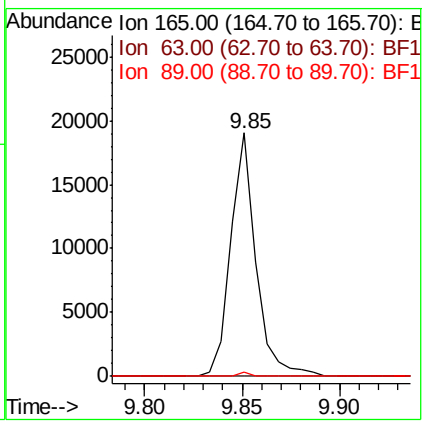


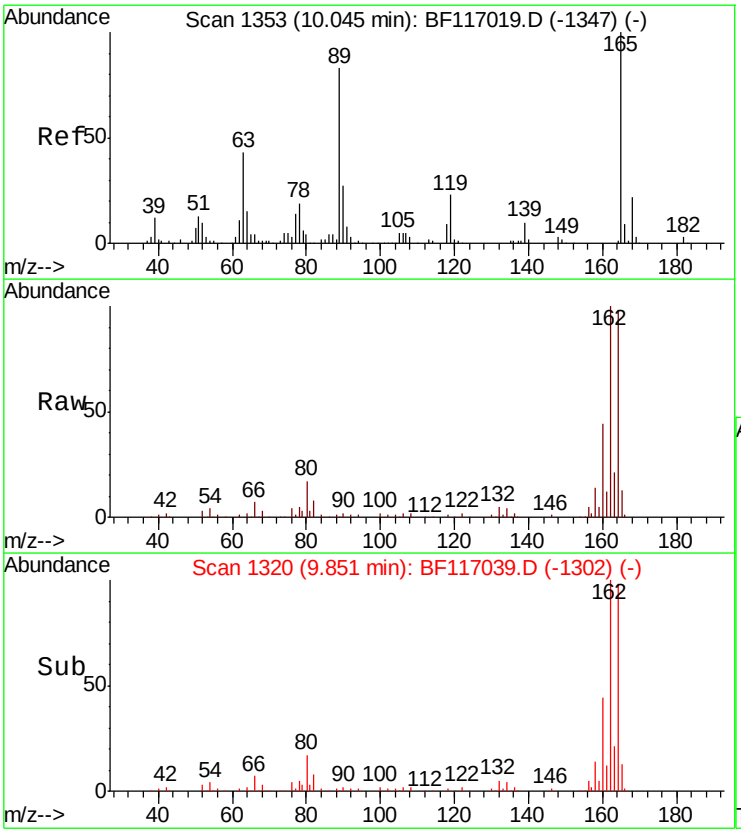
#51
2,6-Dinitrotoluene
Concen: 8.834 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.21 min
Lab File: BF117039.D
Acq: 13 Sep 2019 22:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 17061

Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.8	62.8#
89	1.9	46.5	69.7#

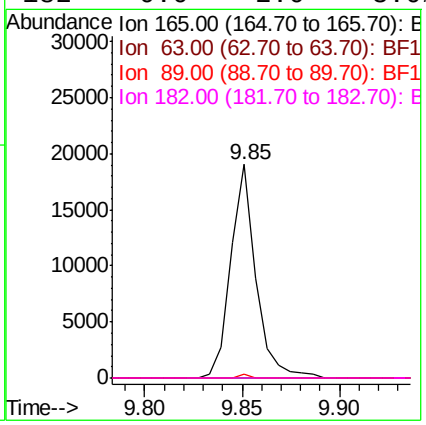


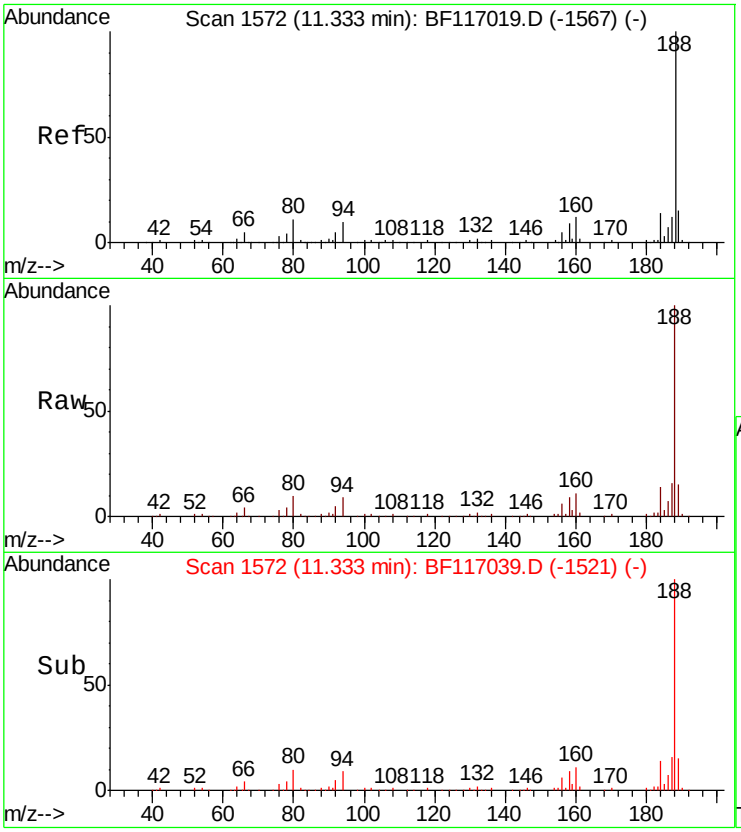


#57
2,4-Dinitrotoluene
Concen: 6.805 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.19 min
Lab File: BF117039.D
Acq: 13 Sep 2019 22:51

Tgt Ion:165 Resp: 17061

Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.0	52.4#
89	1.9	66.1	99.1#
182	0.0	2.0	3.0#



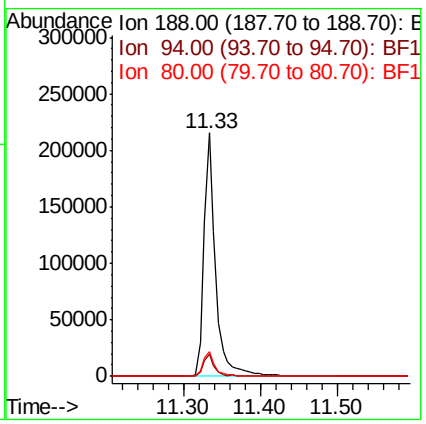


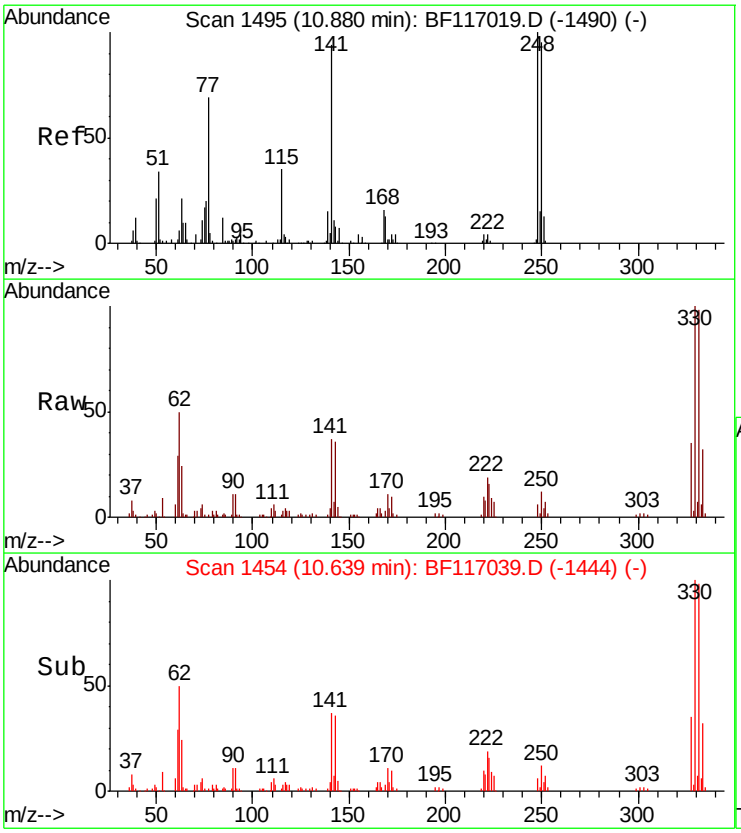
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF117039.D
Acq: 13 Sep 2019 22:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 224766

Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.2	12.2
80	10.4	9.0	13.6

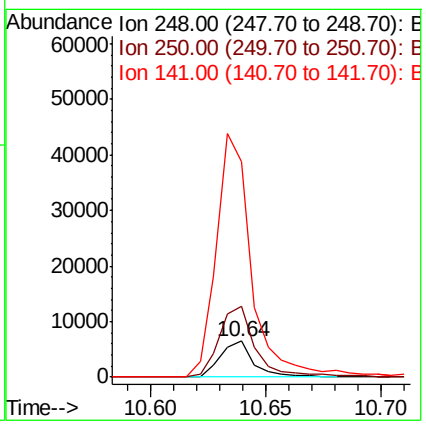


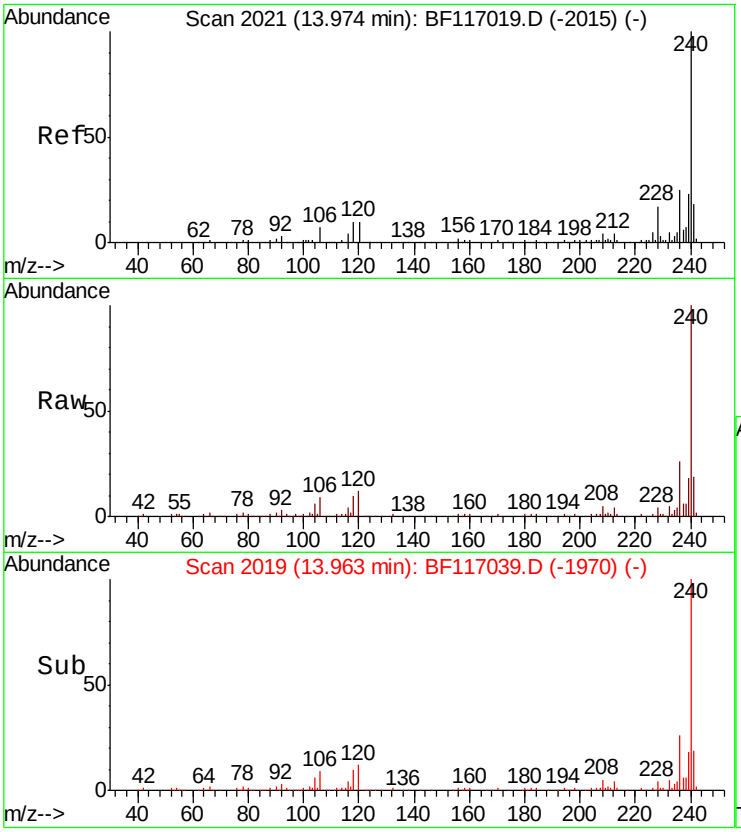


#67
4-Bromophenyl-phenylether
Concen: 2.821 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF117039.D
Acq: 13 Sep 2019 22:51

Tgt Ion:248 Resp: 6475

Ion	Ratio	Lower	Upper
248	100		
250	199.6	76.2	114.4#
141	601.9	75.0	112.4#



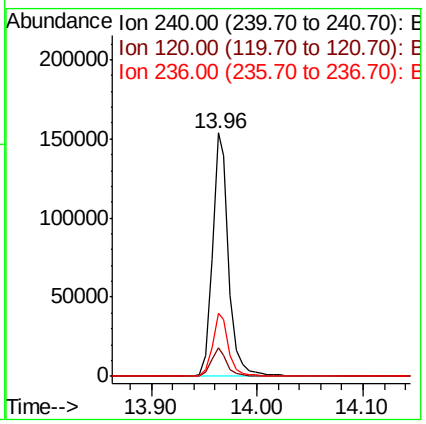


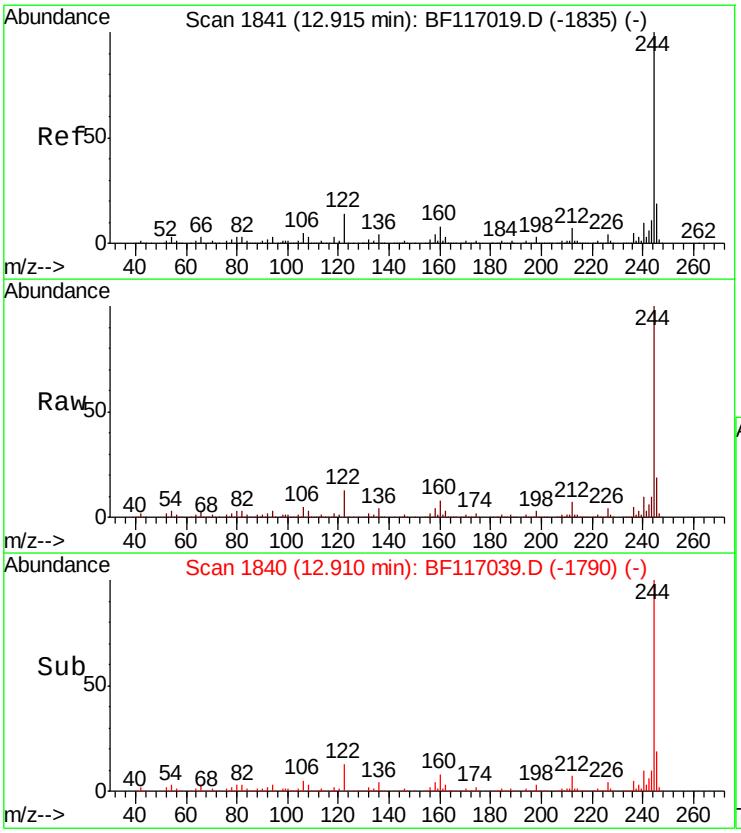
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF117039.D
Acq: 13 Sep 2019 22:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 166277

Ion	Ratio	Lower	Upper
240	100		
120	11.9	8.3	12.5
236	25.9	20.3	30.5

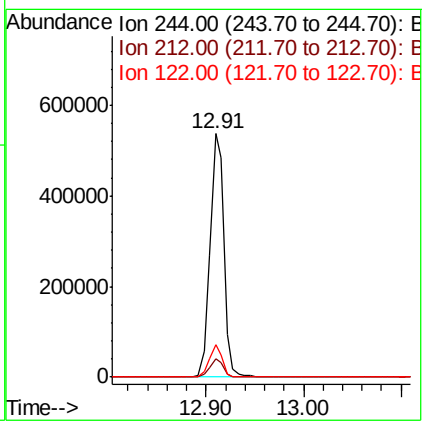


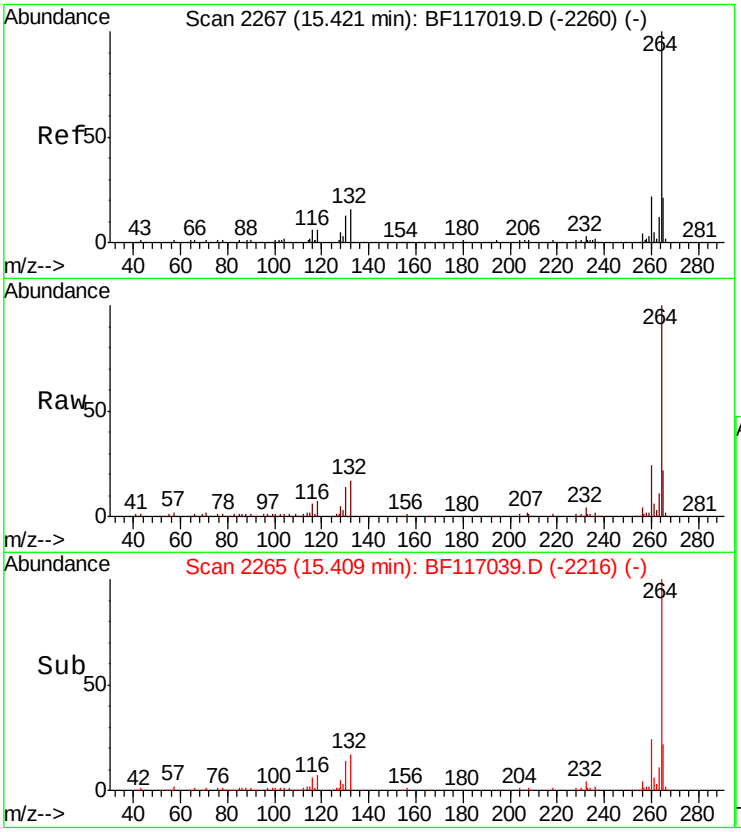


#79
Terphenyl-d14
Concen: 59.121 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF117039.D
Acq: 13 Sep 2019 22:51

Tgt Ion:244 Resp: 525909

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	13.5	11.3	16.9



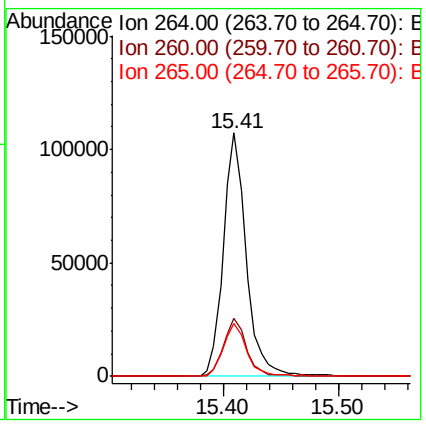


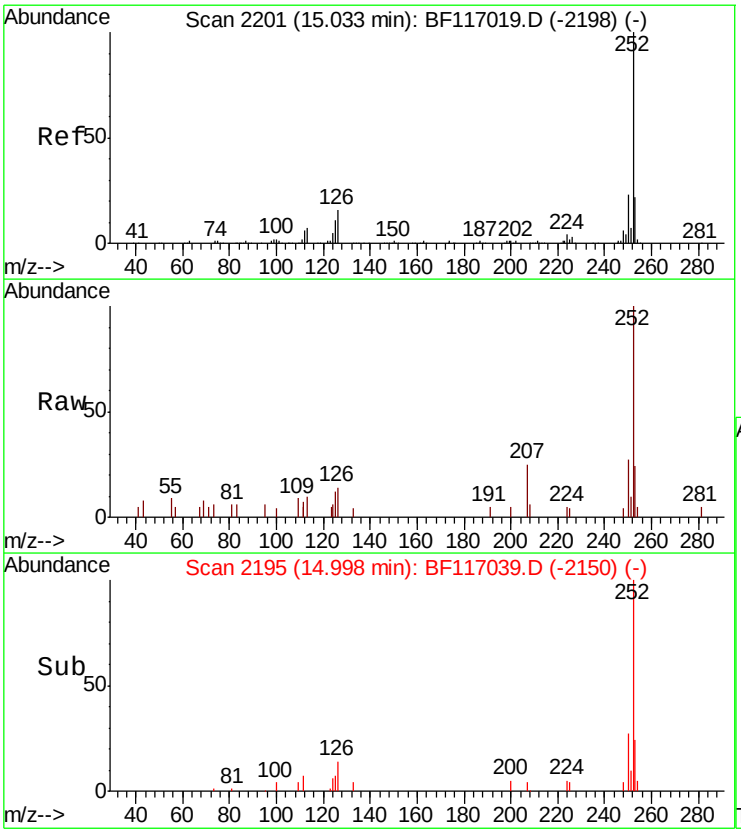
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF117039.D
Acq: 13 Sep 2019 22:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 147562

Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.6	26.4
265	21.7	16.6	24.8





#89
Benzo(k)fluoranthene
Concen: 2.053 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.04 min
Lab File: BF117039.D
Acq: 13 Sep 2019 22:51

Tgt Ion:252 Resp: 17384

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.4	26.2
125	11.9	8.8	13.2