Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100319\
Data File : BF117320.D
Acq On : 3 Oct 2019 17:07
Operator : JU
Sample : PB123594BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB123594BL

Quant Time: Oct 04 03:18:56 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	6.80	152	50943	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	205029	20.00	ng	-0.02
39) Acenaphthene-d10	9.84	164	106960	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	178770	20.00	ng	0.00
76) Chrysene-d12	13.97	240	132632	20.00	ng	0.00
87) Perylene-d12	15.42	264	117282	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	369840	113.34	ng	0.00
7) Phenol-d6	6.45	99	531494	126.04	ng	0.00
23) Nitrobenzene-d5	7.37	82	345416	88.52	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	123383	138.02	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	636695	93.07	ng	-0.01
79) Terphenyl-d14	12.91	244	663838	93.56	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.45	77	640	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.37	70	44606	17.371	ng	# 79
25) Isophorone	7.37	82	345414	49.994	ng	# 66
50) Dimethylphthalate	9.56	163	40194	5.307	ng	99
51) 2,6-Dinitrotoluene	9.84	165	13740	8.908	ng	# 24
57) 2,4-Dinitrotoluene	9.84	165	13740	6.863	ng	# 18
67) 4-Bromophenyl-phenylether	10.63	248	7586	4.155	ng	# 1
77) Benzidine	12.91	184	9494	2.222	ng	# 94

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

Quantitation Report (Not Reviewed)

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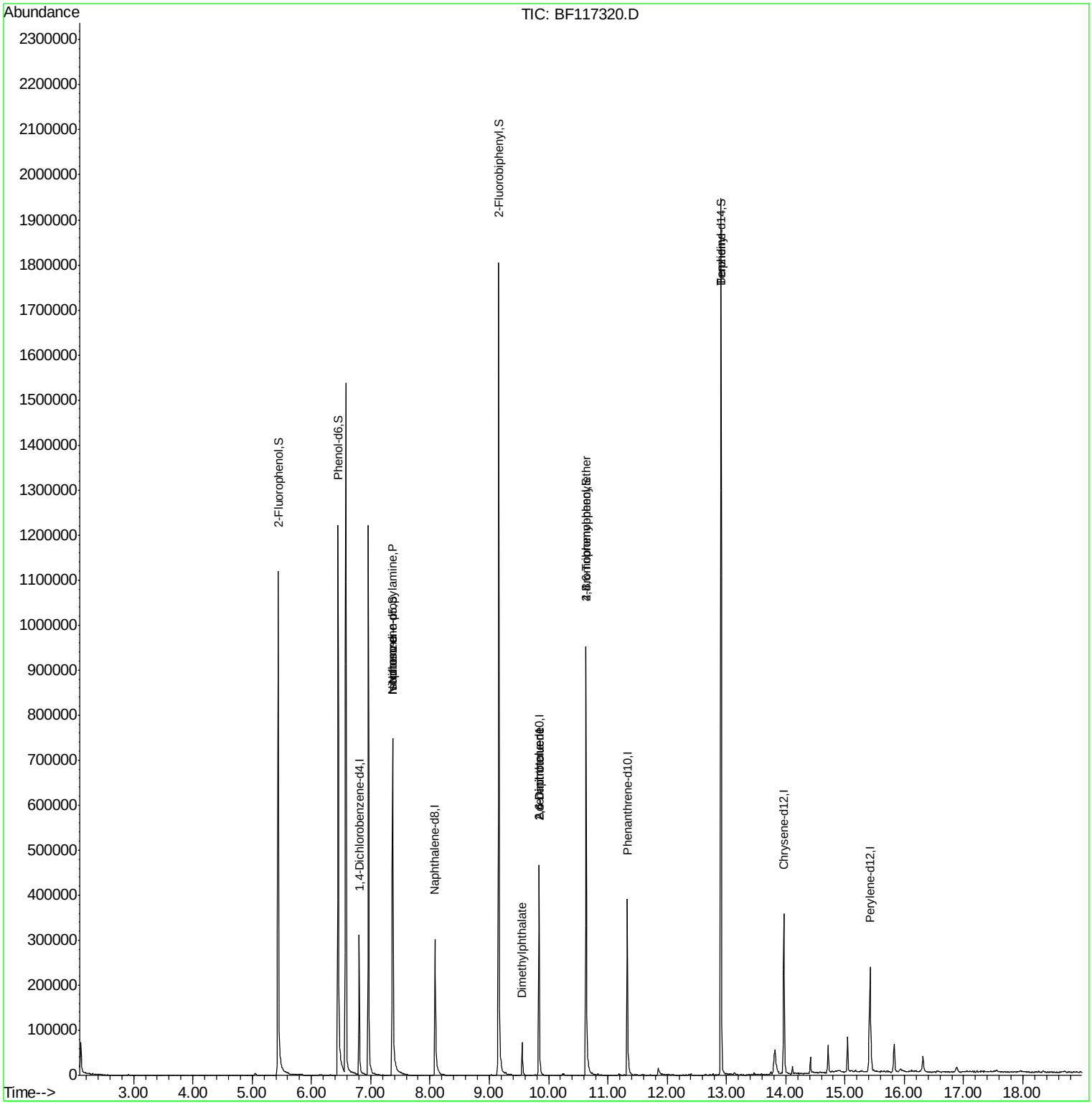
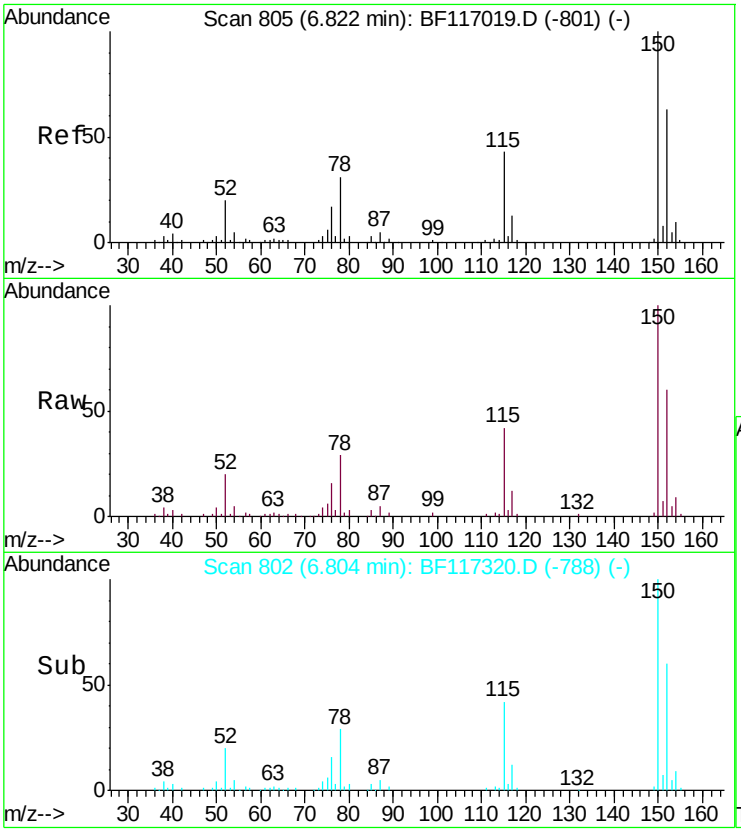


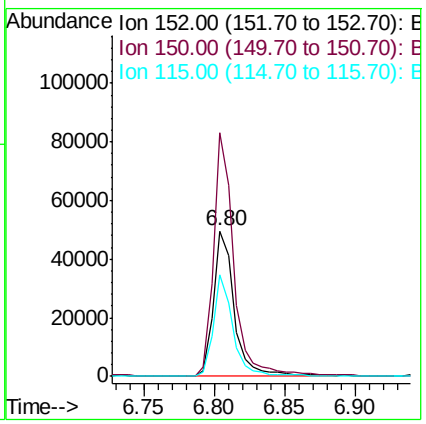


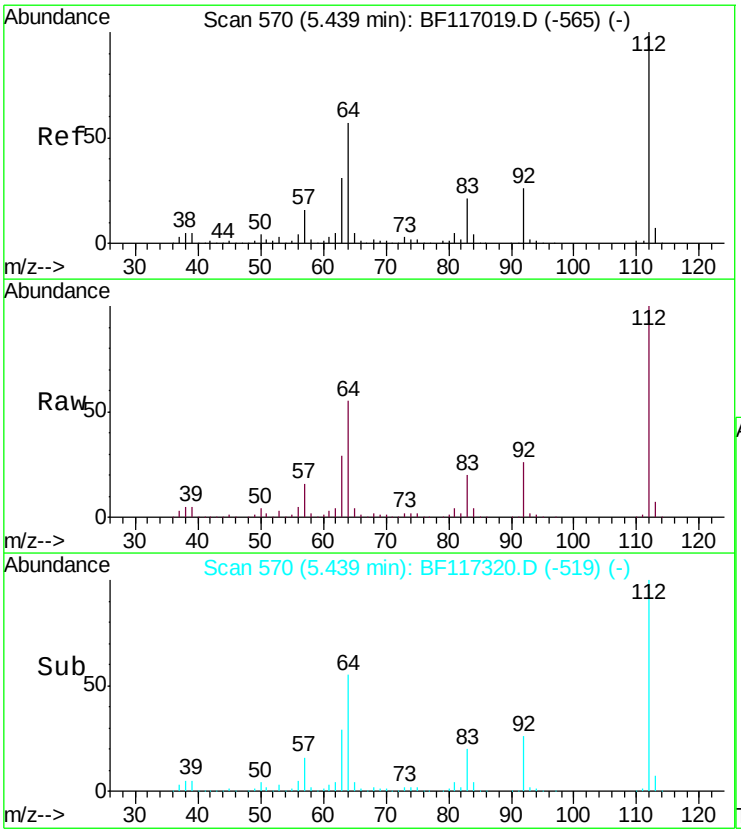
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF117320.D
Acq: 3 Oct 2019 17:07

Instrument :
BNA_F
ClientSampleId :
PB123594BL

Tgt Ion:152 Resp: 50943

Ion	Ratio	Lower	Upper
152	100		
150	167.4	127.5	191.3
115	69.9	55.0	82.4

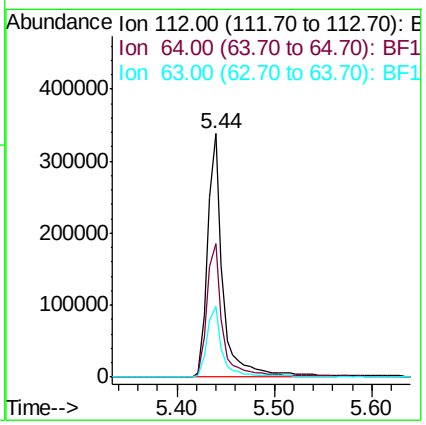


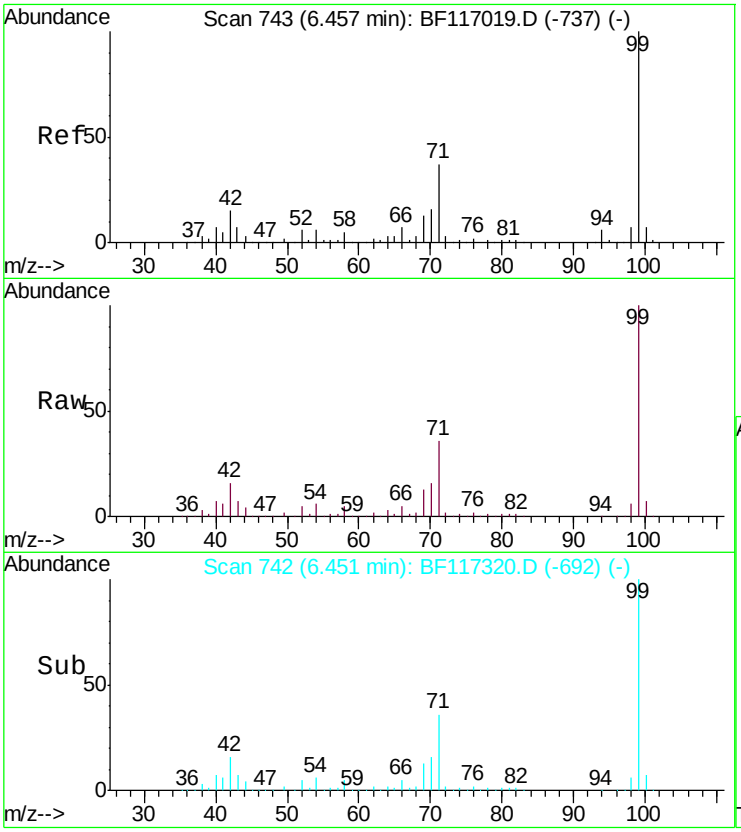


#5
2-Fluorophenol
Concen: 113.345 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF117320.D
Acq: 3 Oct 2019 17:07

Tgt Ion:112 Resp: 369840

Ion	Ratio	Lower	Upper
112	100		
64	54.8	45.7	68.5
63	29.1	24.9	37.3



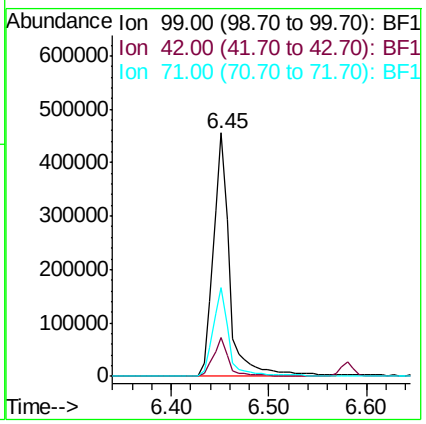


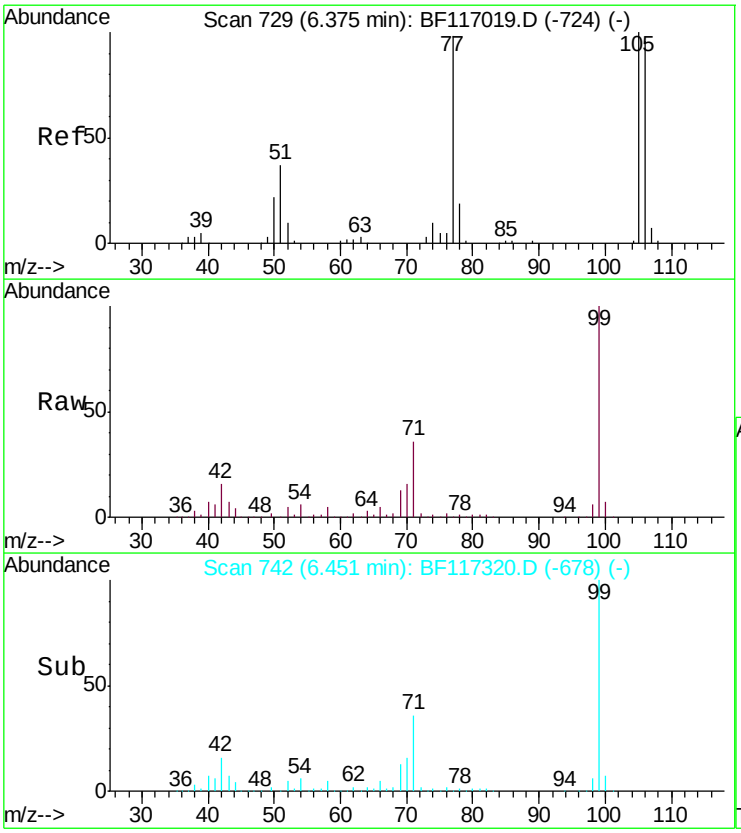
#7
Phenol-d6
Concen: 126.038 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF117320.D
Acq: 3 Oct 2019 17:07

Instrument :
BNA_F
ClientSampleId :
PB123594BL

Tgt Ion: 99 Resp: 531494

Ion	Ratio	Lower	Upper
99	100		
42	15.8	12.2	18.2
71	36.5	29.8	44.8

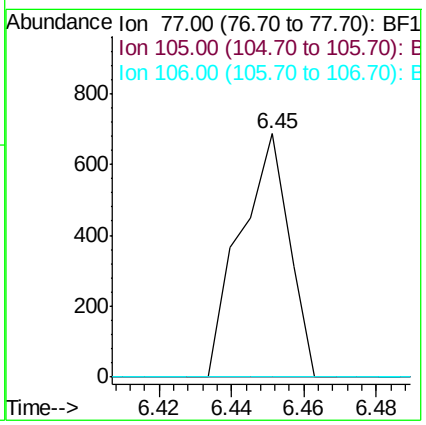


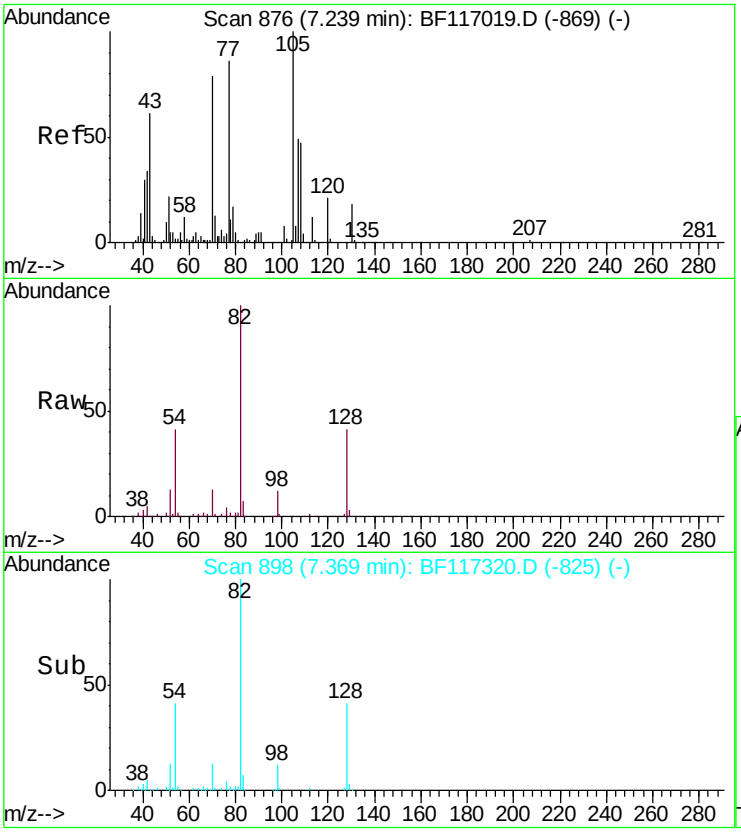


#9
Benzaldehyde
Concen: Below Cal
RT: 6.45 min Scan# 742
Delta R.T. 0.08 min
Lab File: BF117320.D
Acq: 3 Oct 2019 17:07

Tgt Ion: 77 Resp: 640

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



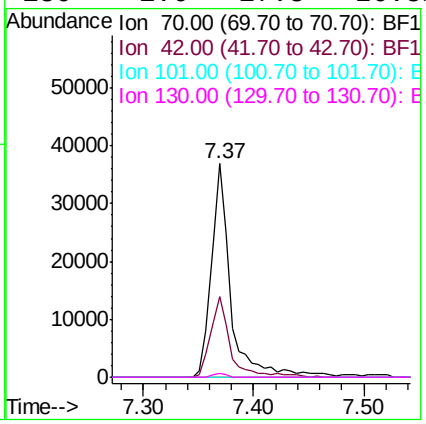


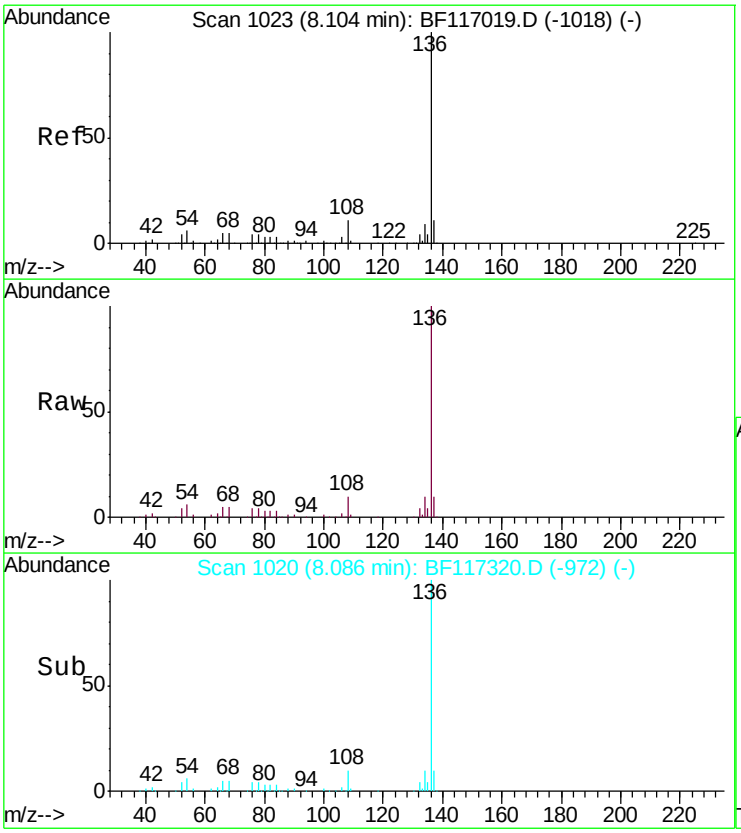
#19
n-Nitroso-di-n-propylamine
Concen: 17.371 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.13 min
Lab File: BF117320.D
Acq: 3 Oct 2019 17:07

Instrument :
BNA_F
ClientSampleId :
PB123594BL

Tgt Ion: 70 Resp: 44606

Ion	Ratio	Lower	Upper
70	100		
42	37.6	34.0	51.0
101	0.0	7.8	11.6#
130	1.6	17.8	26.8#

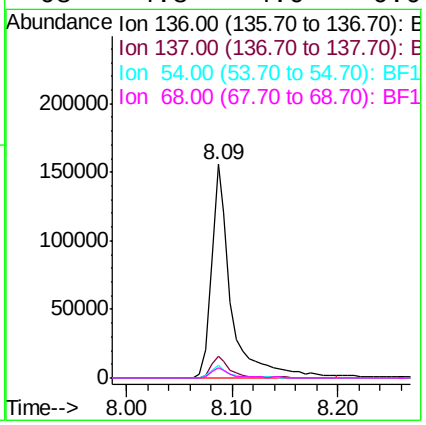


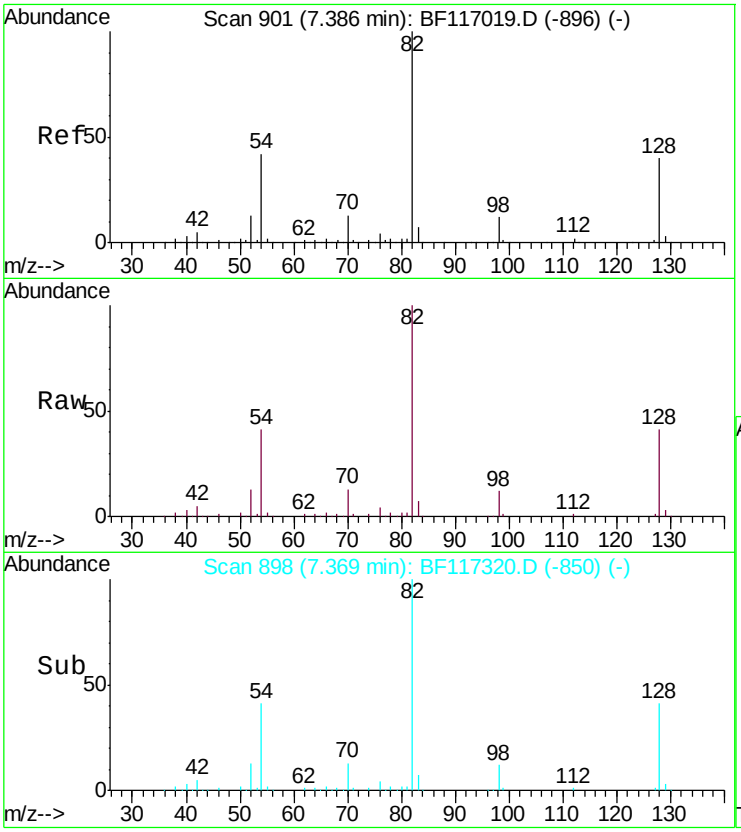


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF117320.D
Acq: 3 Oct 2019 17:07

Tgt Ion:136 Resp: 205029

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.4
54	5.8	4.5	6.7
68	4.8	4.0	6.0



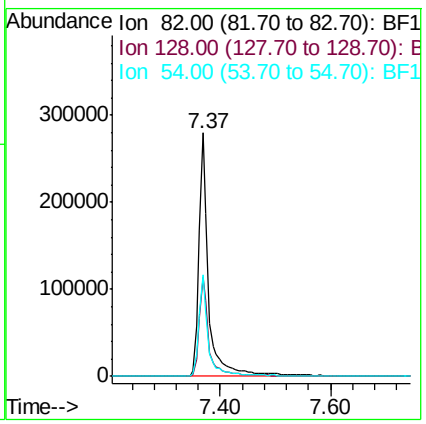


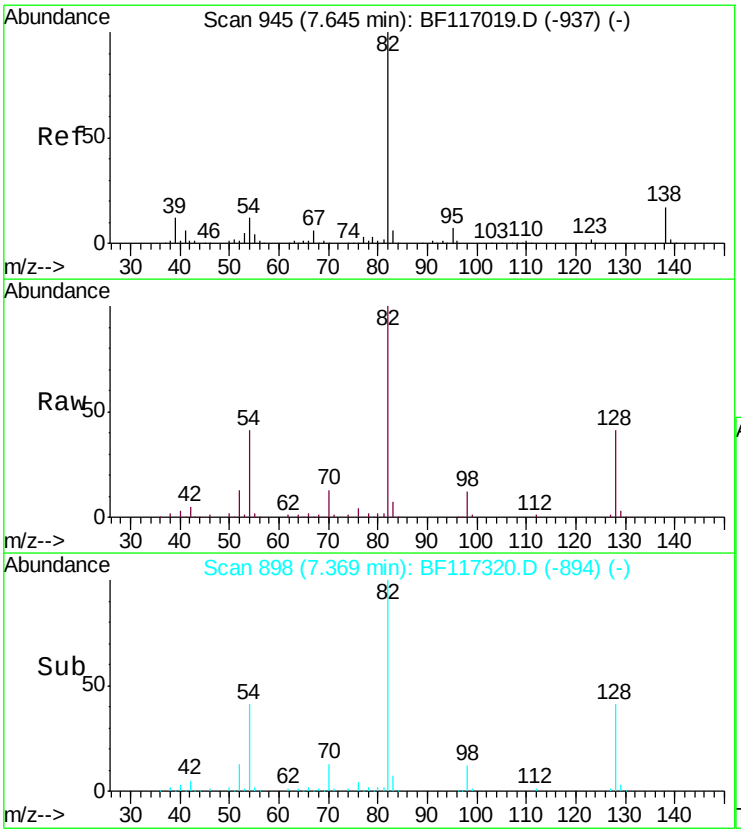
#23
Nitrobenzene-d5
Concen: 88.519 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF117320.D
Acq: 3 Oct 2019 17:07

Instrument :
BNA_F
ClientSampleId :
PB123594BL

Tgt Ion: 82 Resp: 345416

Ion	Ratio	Lower	Upper
82	100		
128	40.6	32.3	48.5
54	41.5	33.3	49.9

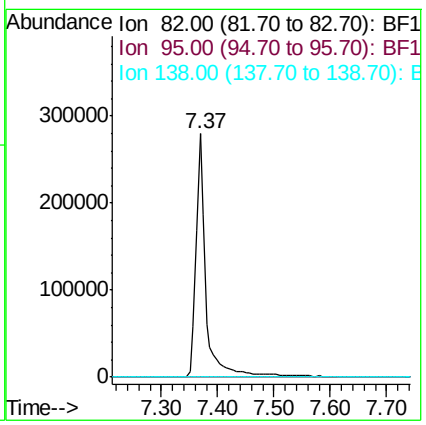


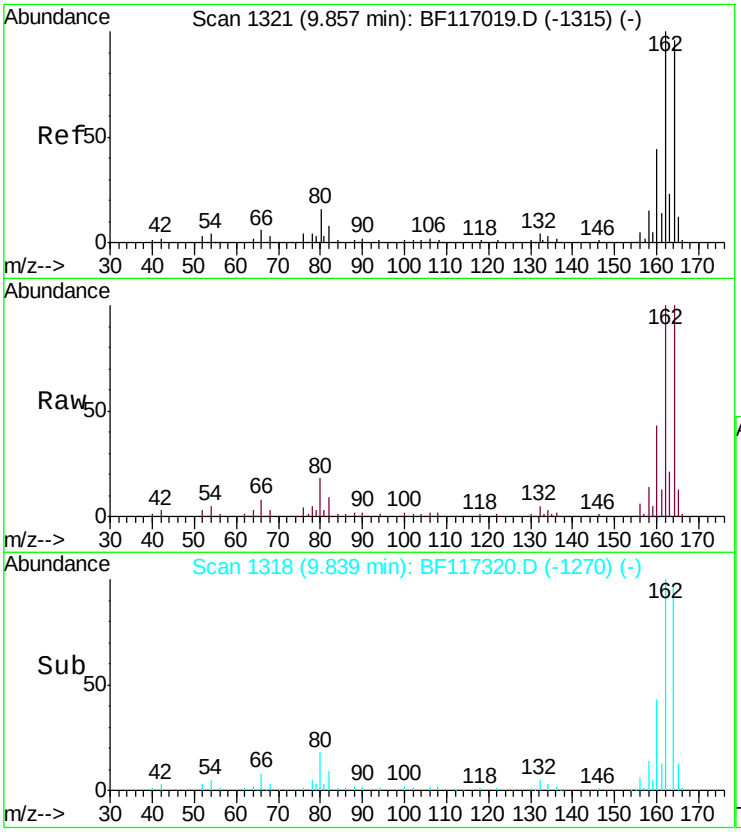


#25
Isophorone
Concen: 49.994 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.28 min
Lab File: BF117320.D
Acq: 3 Oct 2019 17:07

Tgt Ion: 82 Resp: 345414

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



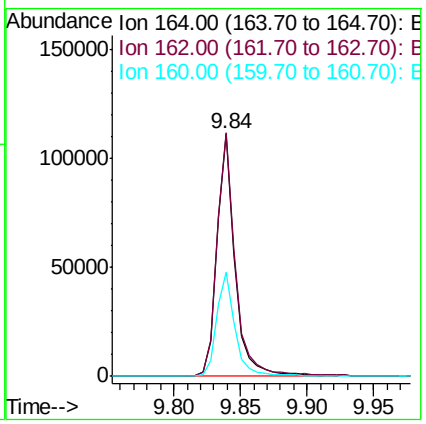


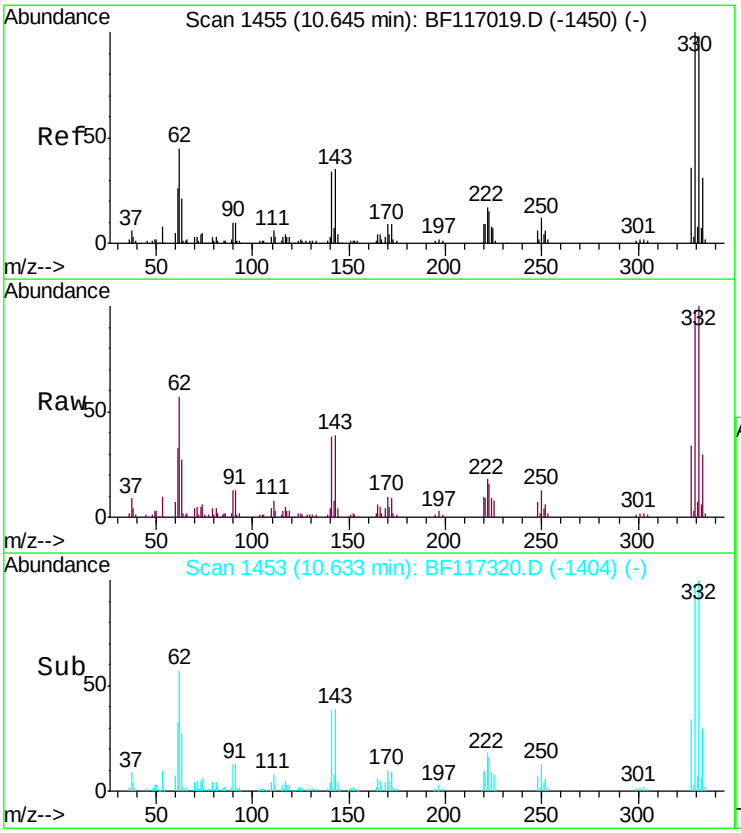
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.02 min
Lab File: BF117320.D
Acq: 3 Oct 2019 17:07

Instrument :
BNA_F
ClientSampleId :
PB123594BL

Tgt Ion:164 Resp: 106960

Ion	Ratio	Lower	Upper
164	100		
162	100.4	83.4	125.2
160	42.8	36.4	54.6

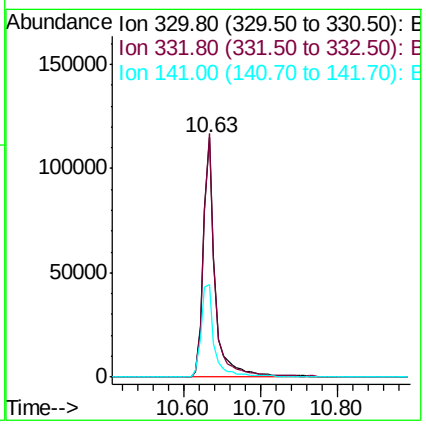


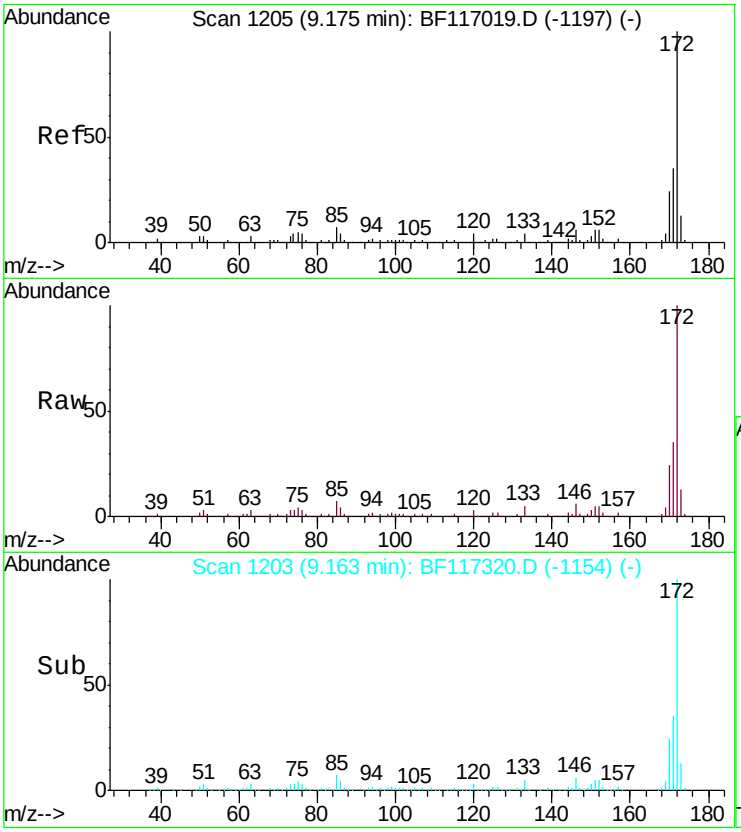


#42
2,4,6-Tribromophenol
Concen: 138.021 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF117320.D
Acq: 3 Oct 2019 17:07

Tgt Ion:330 Resp: 123383

Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.0	117.0
141	43.3	35.8	53.6



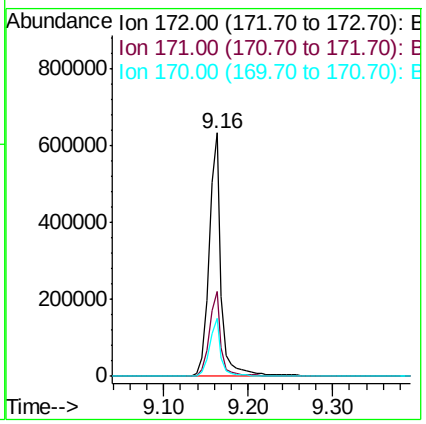


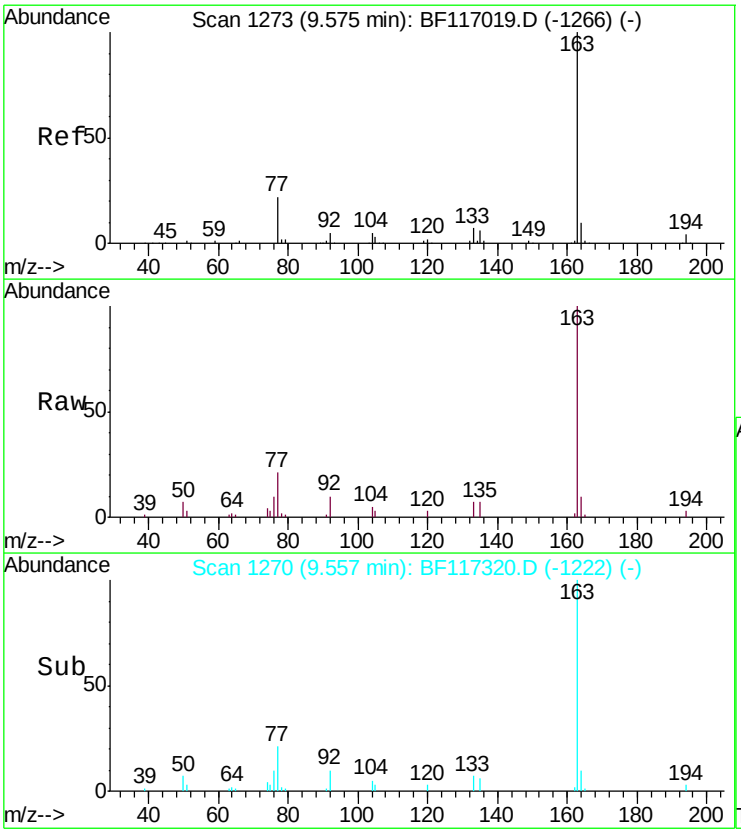
#45
2-Fluorobiphenyl
Concen: 93.074 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF117320.D
Acq: 3 Oct 2019 17:07

Instrument :
BNA_F
ClientSampleId :
PB123594BL

Tgt Ion:172 Resp: 636695

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.2	42.2
170	23.6	18.9	28.3

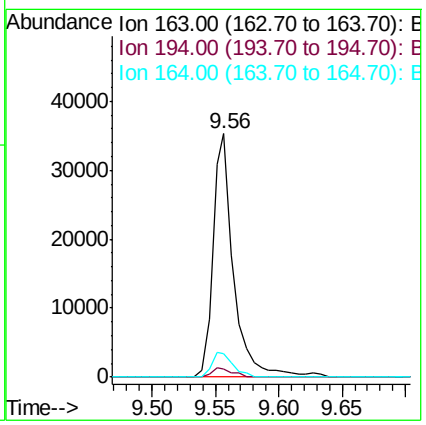


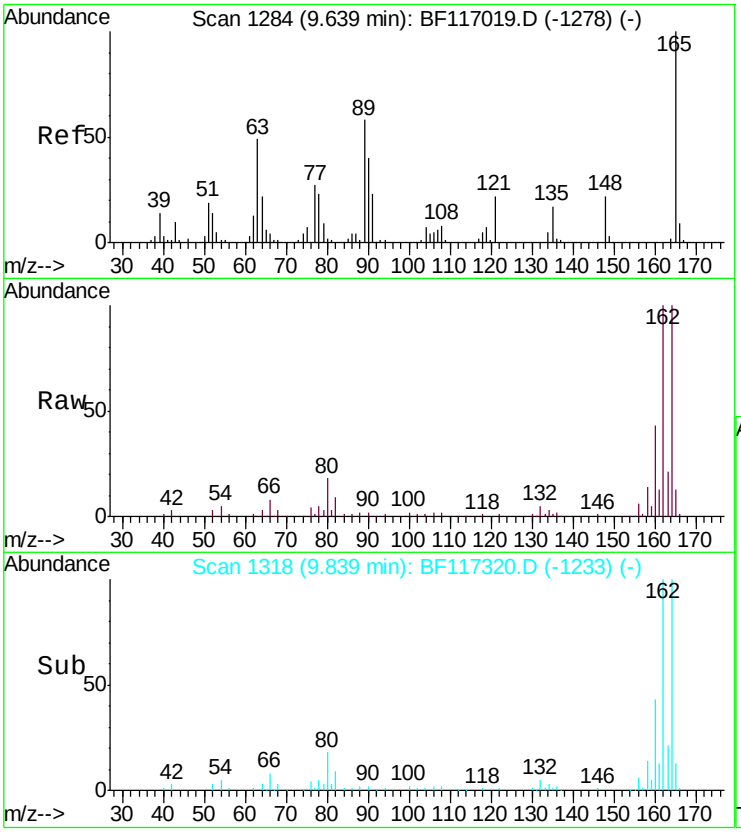


#50
Dimethylphthalate
Concen: 5.307 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF117320.D
Acq: 3 Oct 2019 17:07

Tgt Ion:163 Resp: 40194

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.9	4.3
164	9.8	8.2	12.4



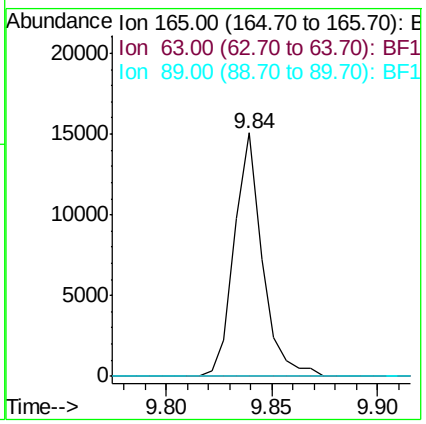


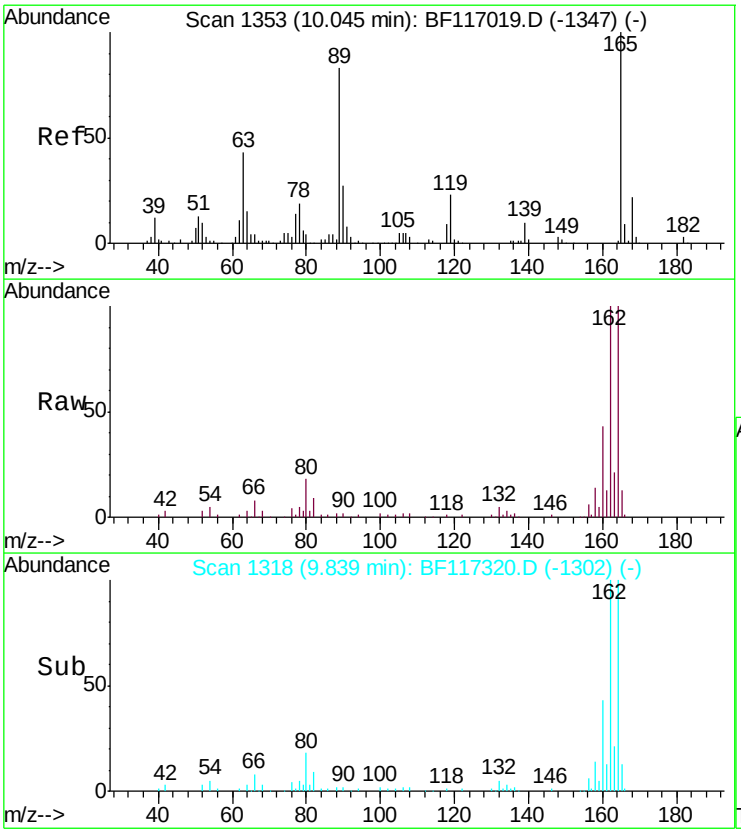
#51
2,6-Dinitrotoluene
Concen: 8.908 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.20 min
Lab File: BF117320.D
Acq: 3 Oct 2019 17:07

Instrument :
BNA_F
ClientSampleId :
PB123594BL

Tgt Ion:165 Resp: 13740

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

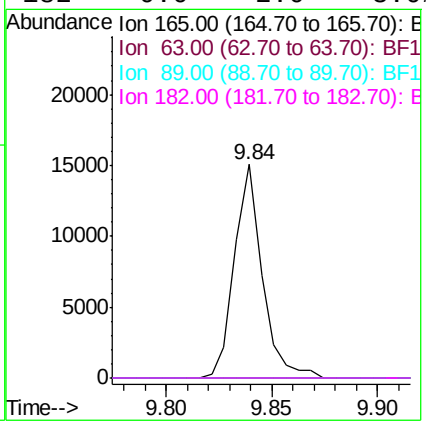


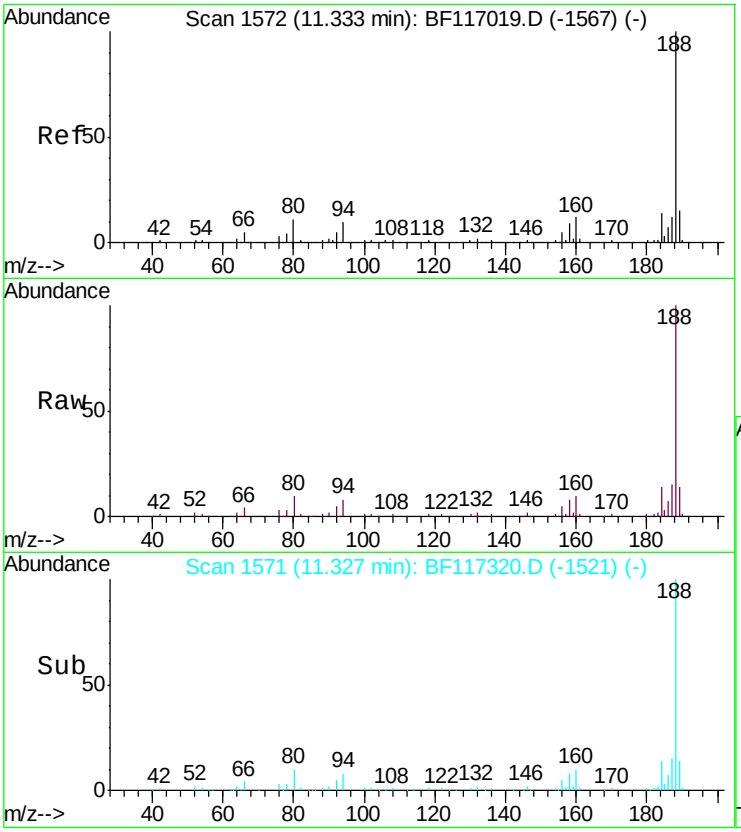


#57
2,4-Dinitrotoluene
Concen: 6.863 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.21 min
Lab File: BF117320.D
Acq: 3 Oct 2019 17:07

Tgt Ion:165 Resp: 13740

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#



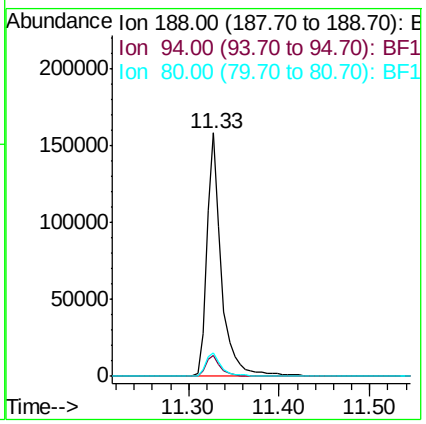


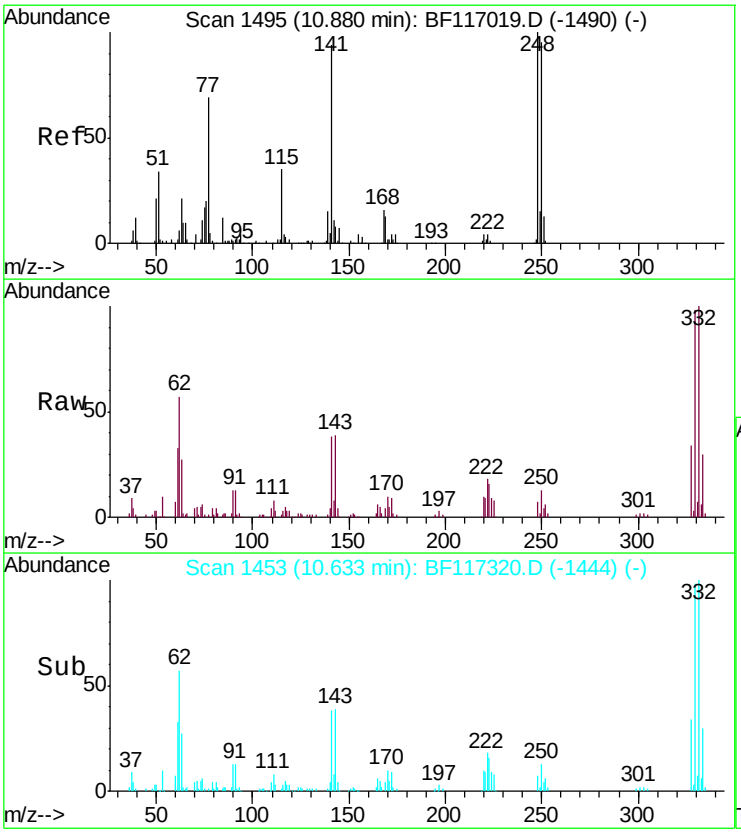
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF117320.D
Acq: 3 Oct 2019 17:07

Instrument :
BNA_F
ClientSampleId :
PB123594BL

Tgt Ion:188 Resp: 178770

Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.2	12.2
80	9.7	9.0	13.6

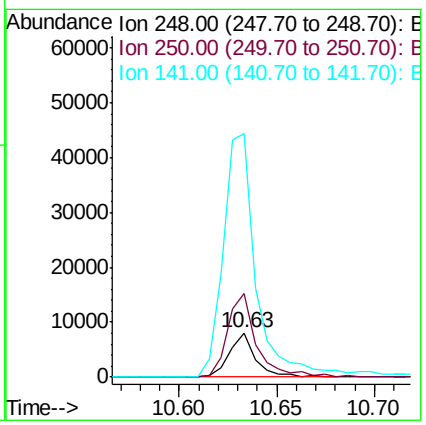


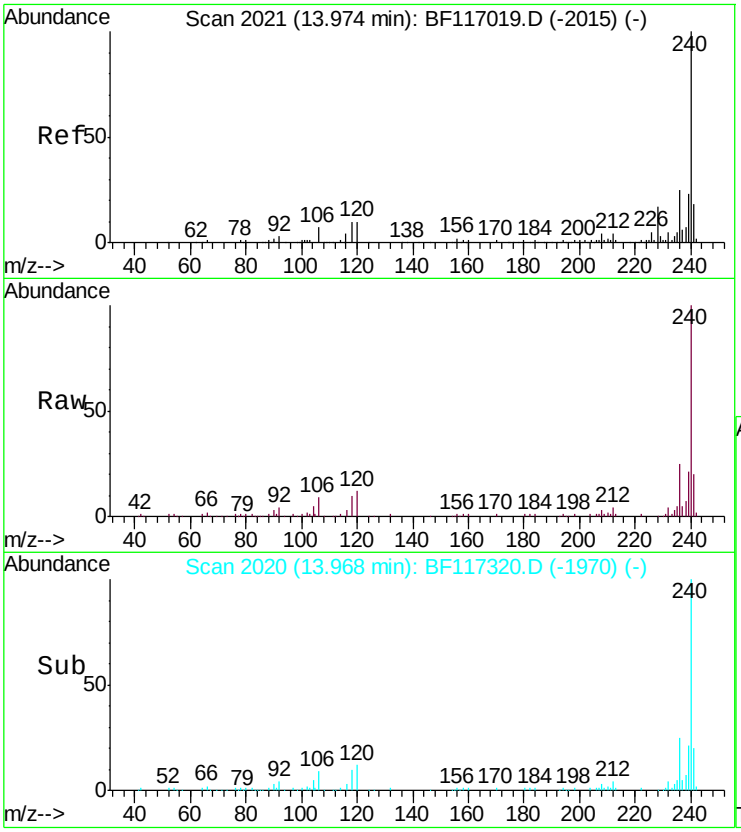


#67
4-Bromophenyl-phenylether
Concen: 4.155 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.25 min
Lab File: BF117320.D
Acq: 3 Oct 2019 17:07

Tgt Ion:248 Resp: 7586

Ion	Ratio	Lower	Upper
248	100		
250	188.7	76.2	114.4#
141	549.1	75.0	112.4#



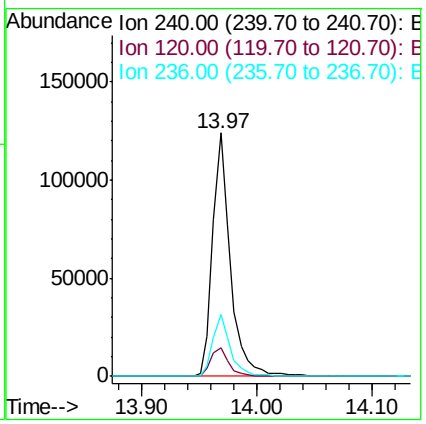


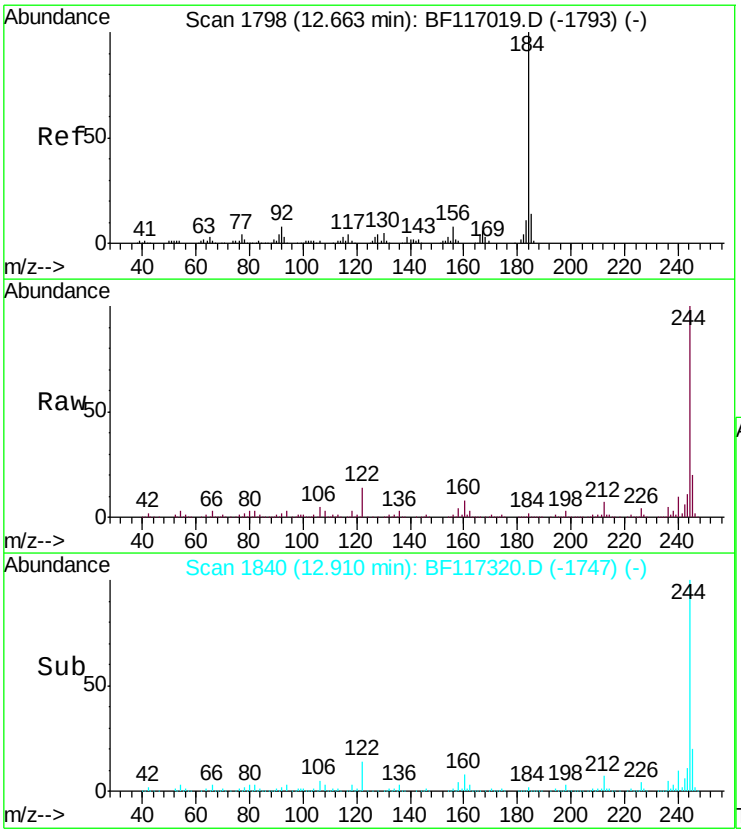
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF117320.D
Acq: 3 Oct 2019 17:07

Instrument :
BNA_F
ClientSampleId :
PB123594BL

Tgt Ion:240 Resp: 132632

Ion	Ratio	Lower	Upper
240	100		
120	11.7	8.3	12.5
236	25.3	20.3	30.5

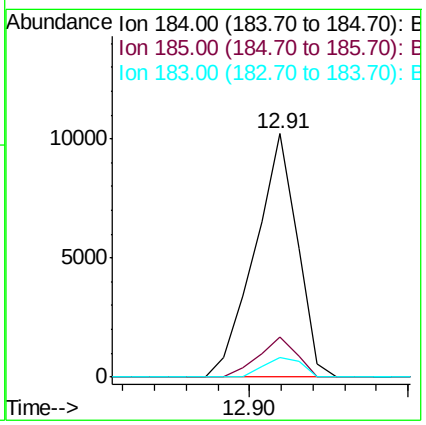


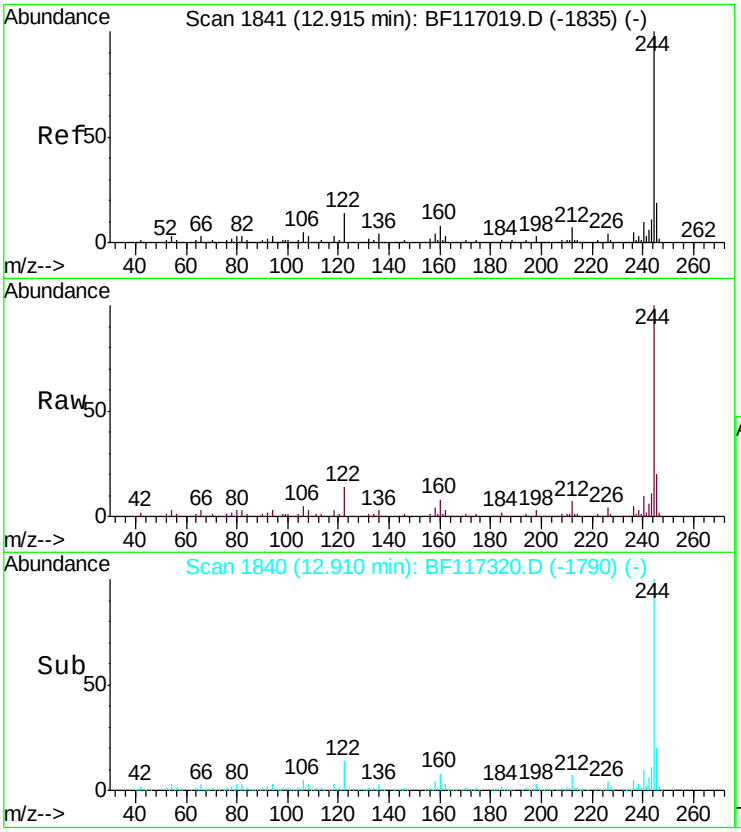


#77
Benzidine
Concen: 2.222 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.25 min
Lab File: BF117320.D
Acq: 3 Oct 2019 17:07

Tgt Ion:184 Resp: 9494

Ion	Ratio	Lower	Upper
184	100		
185	16.5	11.6	17.4
183	8.1	9.0	13.4#



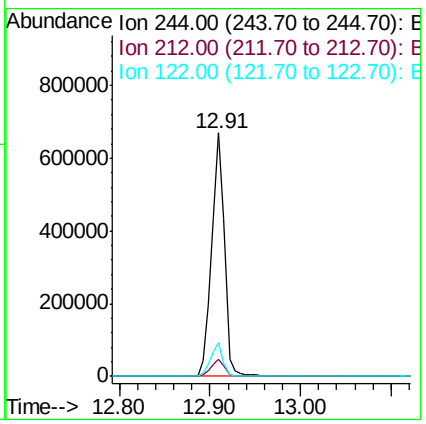


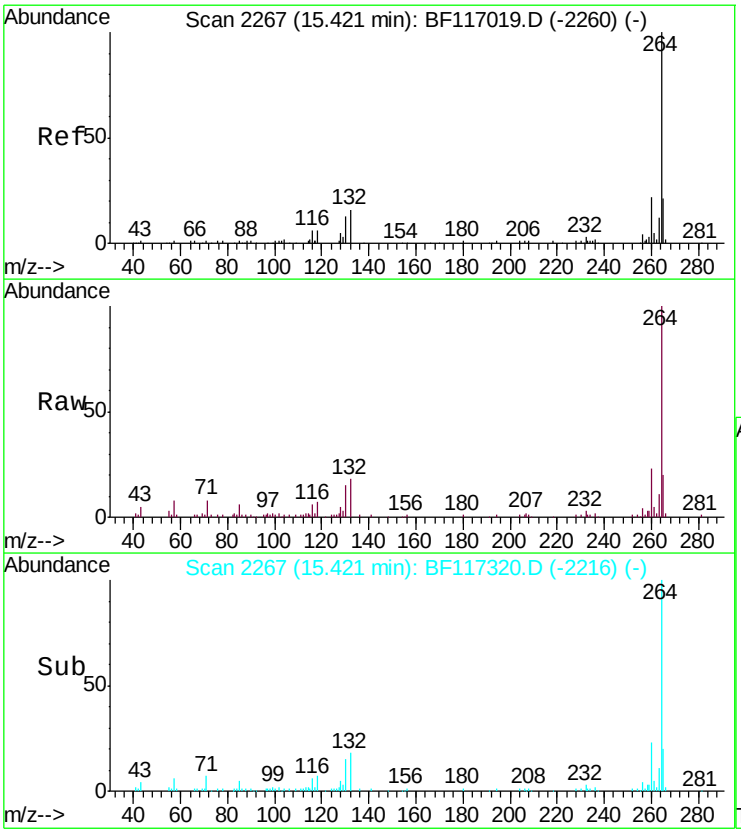
#79
Terphenyl-d14
Concen: 93.557 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF117320.D
Acq: 3 Oct 2019 17:07

Instrument :
BNA_F
ClientSampleId :
PB123594BL

Tgt Ion:244 Resp: 663838

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	14.0	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: BF117320.D
Acq: 3 Oct 2019 17:07

Tgt Ion:264 Resp: 117282

Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.6	26.4
265	20.3	16.6	24.8