Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100219\
Data File : BF117304.D
Acq On : 2 Oct 2019 17:20
Operator : JU
Sample : K5131-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 03 01:31:43 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	20704	20.00	ng		-0.01
21) Naphthalene-d8	8.09	136	81707	20.00	ng		-0.01
39) Acenaphthene-d10	9.85	164	43418	20.00	ng		-0.01
64) Phenanthrene-d10	11.33	188	73183	20.00	ng		0.00
76) Chrysene-d12	13.97	240	54803	20.00	ng		0.00
87) Perylene-d12	15.43	264	45399	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	150771	113.69	ng		0.00
7) Phenol-d6	6.45	99	176781	103.15	ng		0.00
23) Nitrobenzene-d5	7.37	82	136941	88.06	ng		-0.02
42) 2,4,6-Tribromophenol	10.64	330	52339	144.23	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	273554	98.51	ng		-0.01
79) Terphenyl-d14	12.92	244	275499	93.97	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.38	77	543	Below Cal			87
19) n-Nitroso-di-n-propylamine	7.37	70	18006	17.254	ng	#	83
25) Isophorone	7.37	82	136940	49.735	ng	#	66
50) Dimethylphthalate	9.56	163	20096	6.537	ng		100
51) 2,6-Dinitrotoluene	9.85	165	5508	8.797	ng	#	24
57) 2,4-Dinitrotoluene	9.85	165	5508	6.777	ng	#	18
67) 4-Bromophenyl-phenylether	10.64	248	3374	4.514	ng	#	1
77) Benzidine	12.92	184	3614	2.047	ng		98

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

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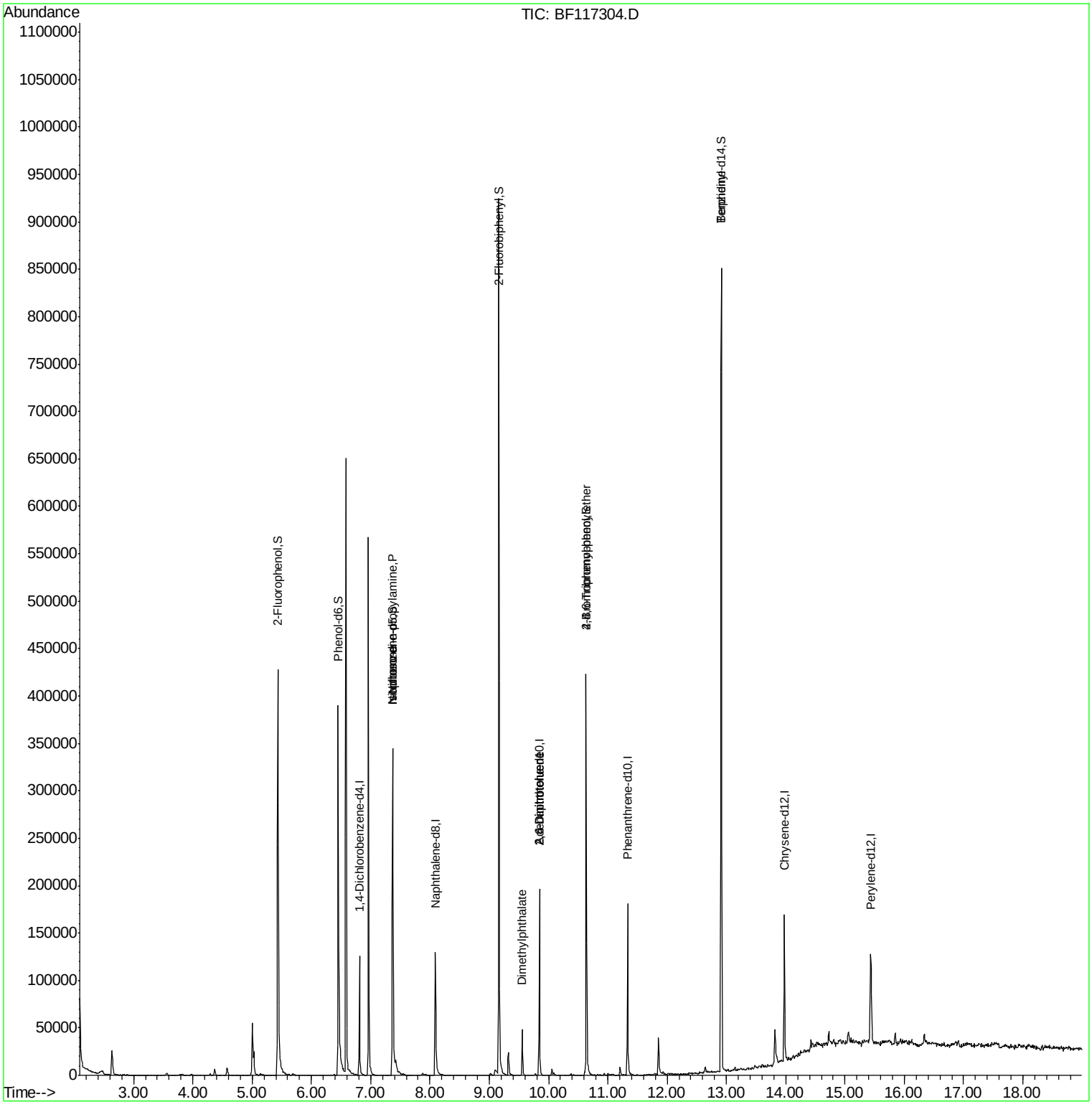
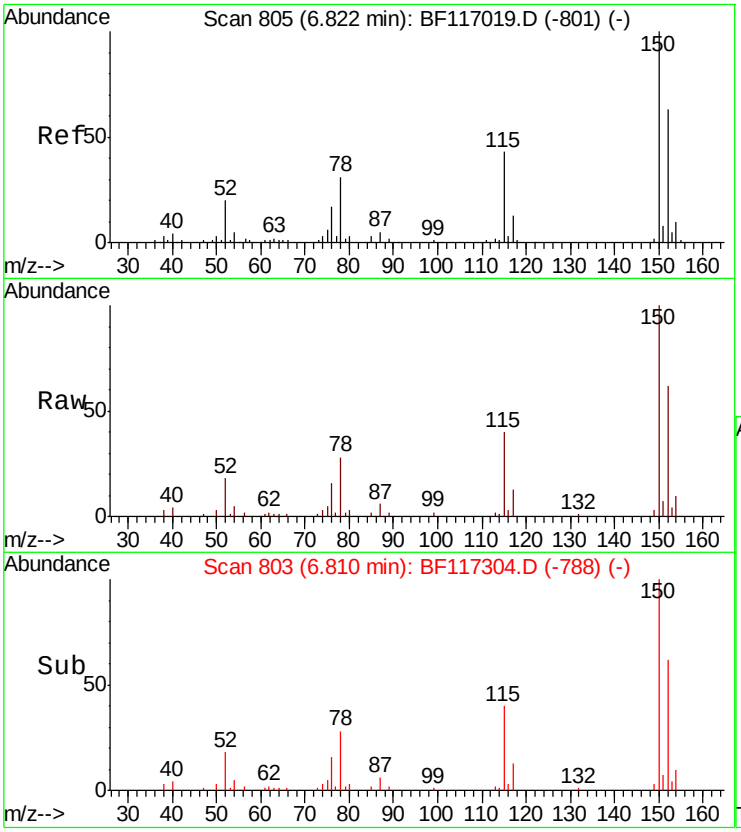


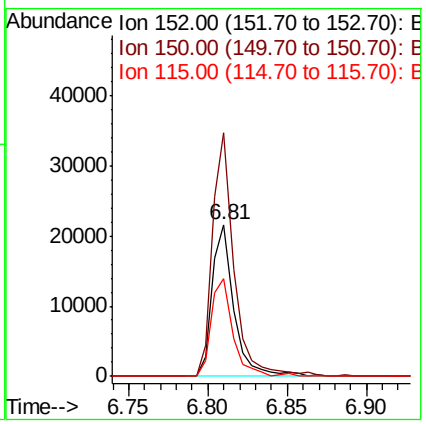


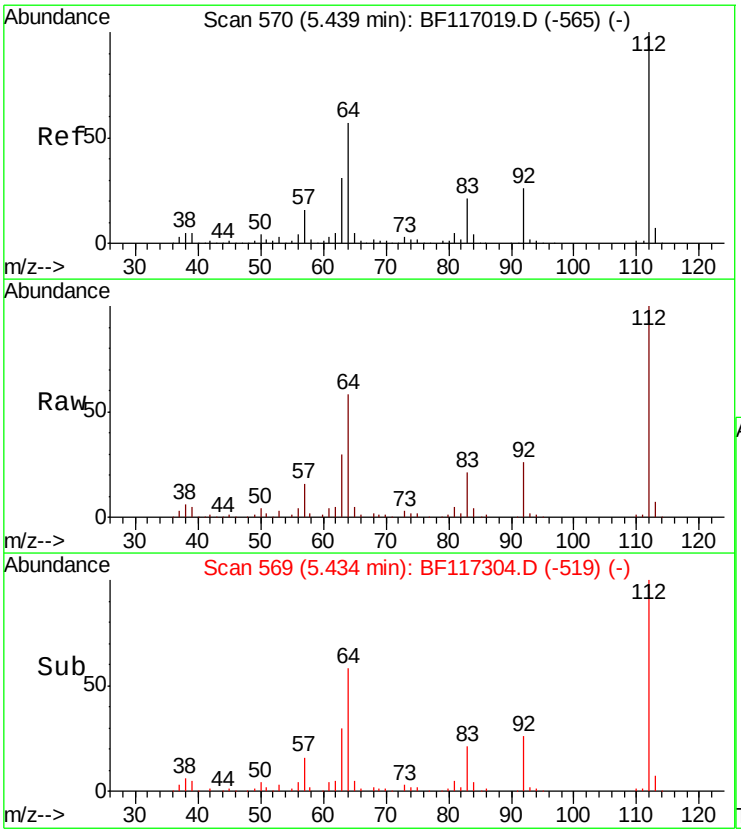
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF117304.D
Acq: 2 Oct 2019 17:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 20704

Ion	Ratio	Lower	Upper
152	100		
150	160.2	127.5	191.3
115	64.4	55.0	82.4

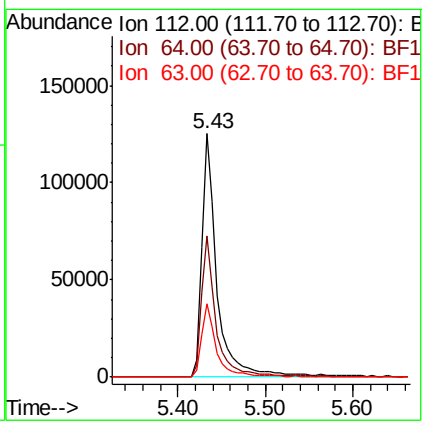


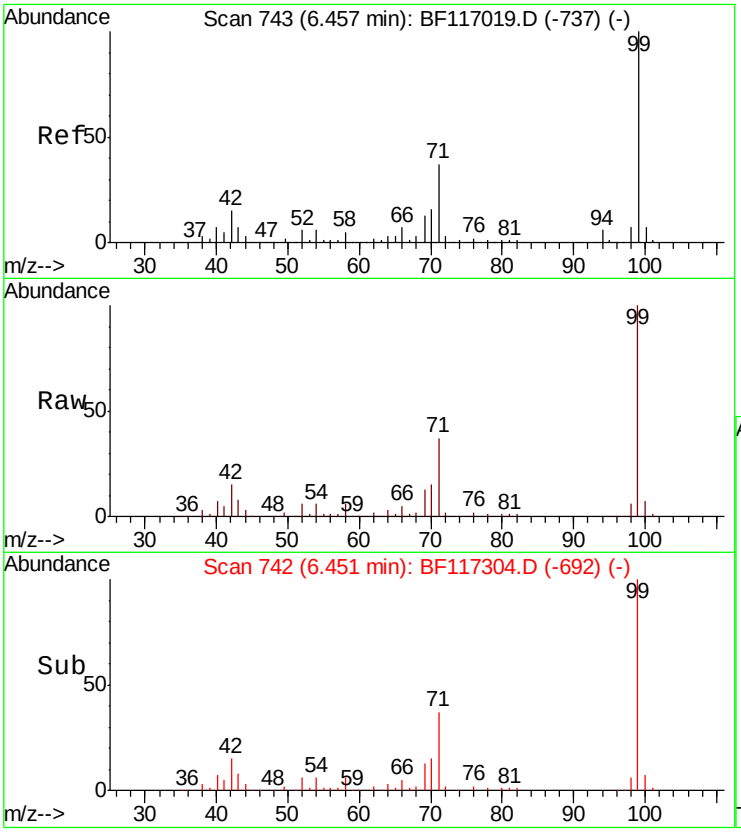


#5
2-Fluorophenol
Concen: 113.693 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF117304.D
Acq: 2 Oct 2019 17:20

Tgt Ion:112 Resp: 150771

Ion	Ratio	Lower	Upper
112	100		
64	58.1	45.7	68.5
63	30.0	24.9	37.3



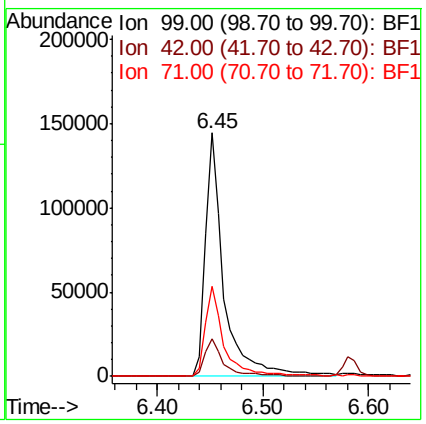


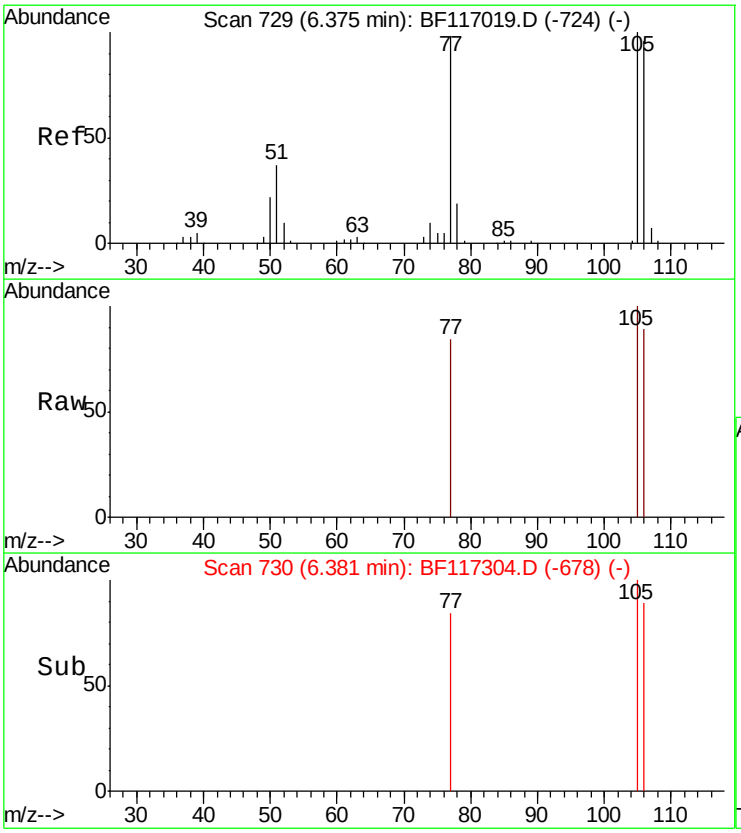
#7
Phenol-d6
Concen: 103.150 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF117304.D
Acq: 2 Oct 2019 17:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 176781

Ion	Ratio	Lower	Upper
99	100		
42	15.3	12.2	18.2
71	37.2	29.8	44.8

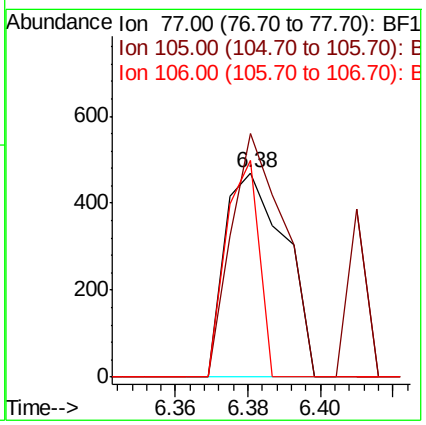


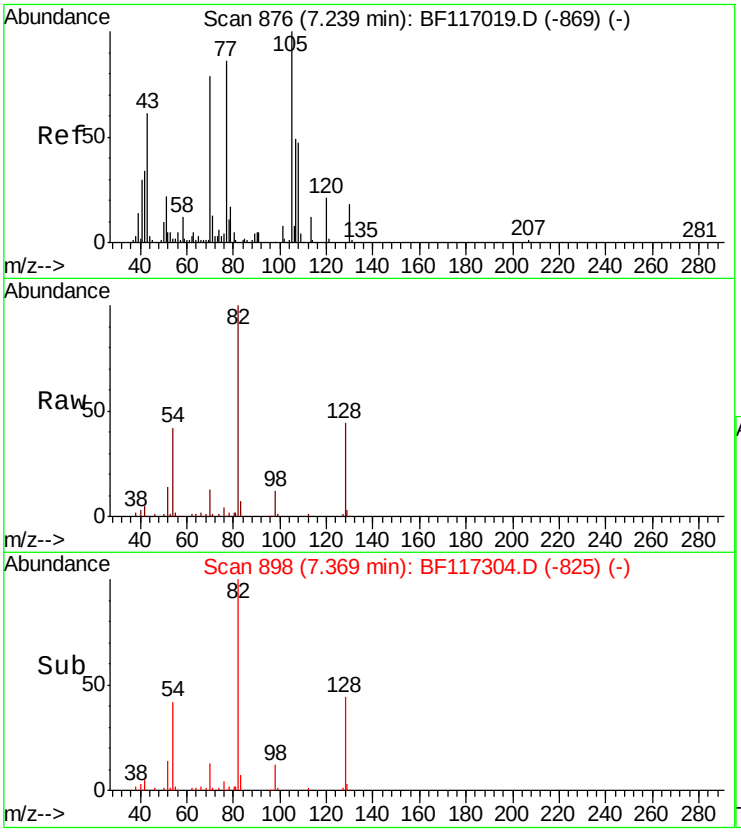


#9
Benzaldehyde
Concen: Below Cal
RT: 6.38 min Scan# 730
Delta R.T. 0.01 min
Lab File: BF117304.D
Acq: 2 Oct 2019 17:20

Tgt Ion: 77 Resp: 543

Ion	Ratio	Lower	Upper
77	100		
105	119.4	81.8	121.8
106	106.2	77.3	117.3



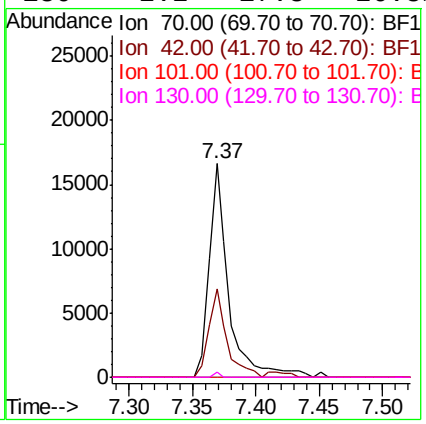


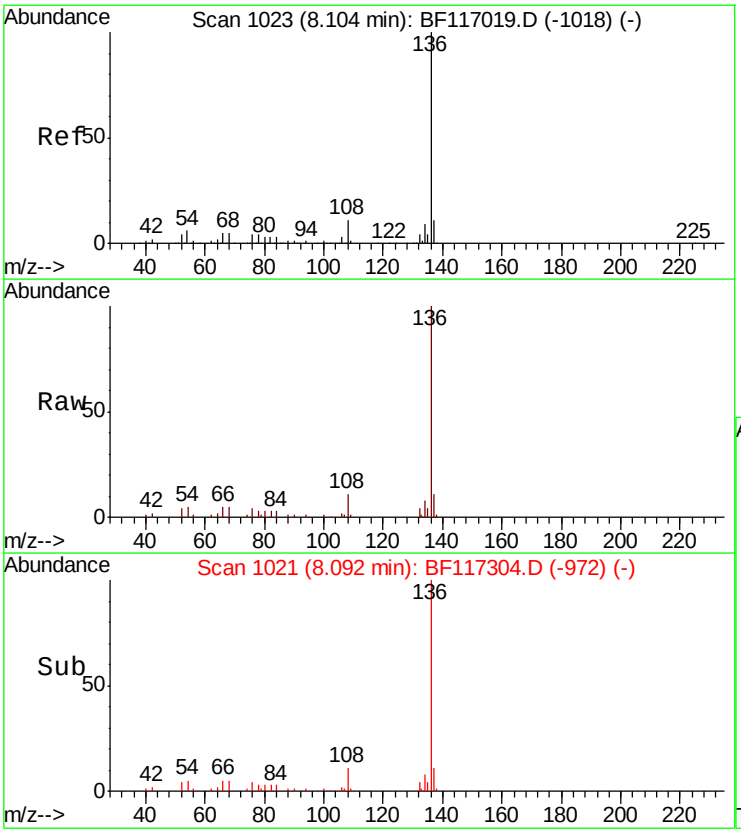
#19
n-Nitroso-di-n-propylamine
Concen: 17.254 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.13 min
Lab File: BF117304.D
Acq: 2 Oct 2019 17:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 18006

Ion	Ratio	Lower	Upper
70	100		
42	41.2	34.0	51.0
101	0.0	7.8	11.6#
130	2.2	17.8	26.8#

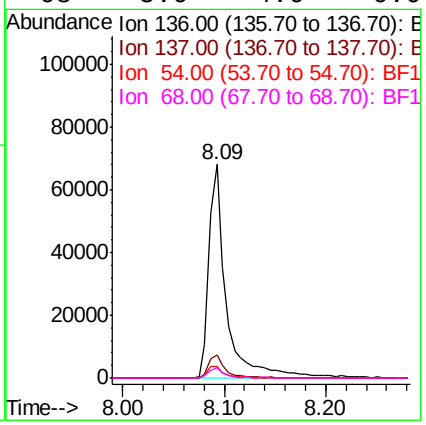


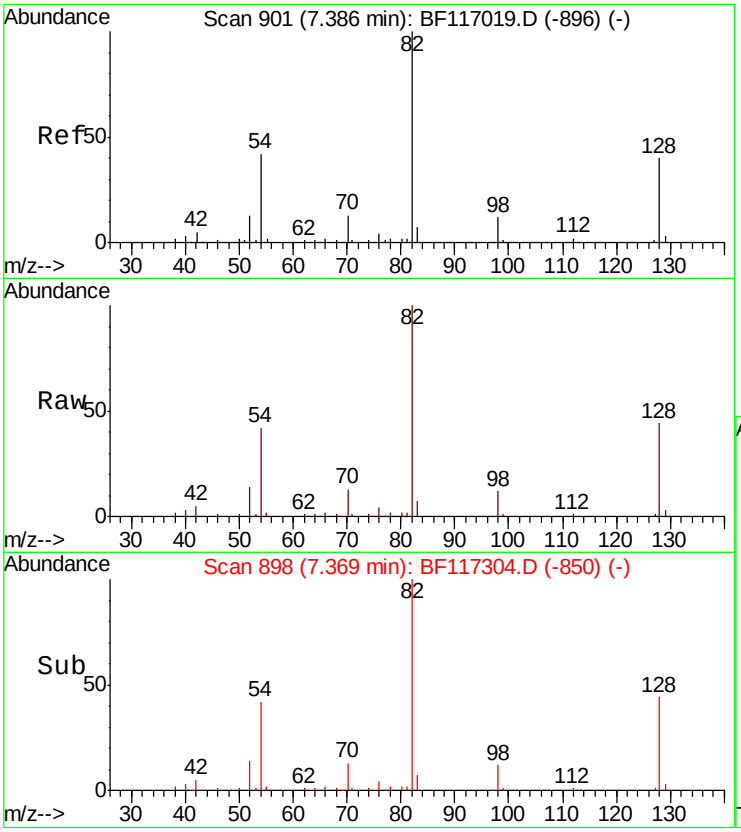


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF117304.D
Acq: 2 Oct 2019 17:20

Tgt Ion:136 Resp: 81707

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.4
54	5.3	4.5	6.7
68	5.0	4.0	6.0



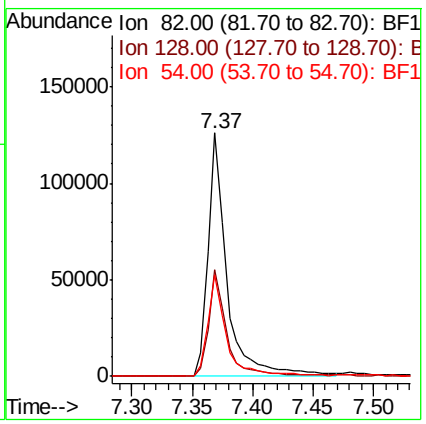


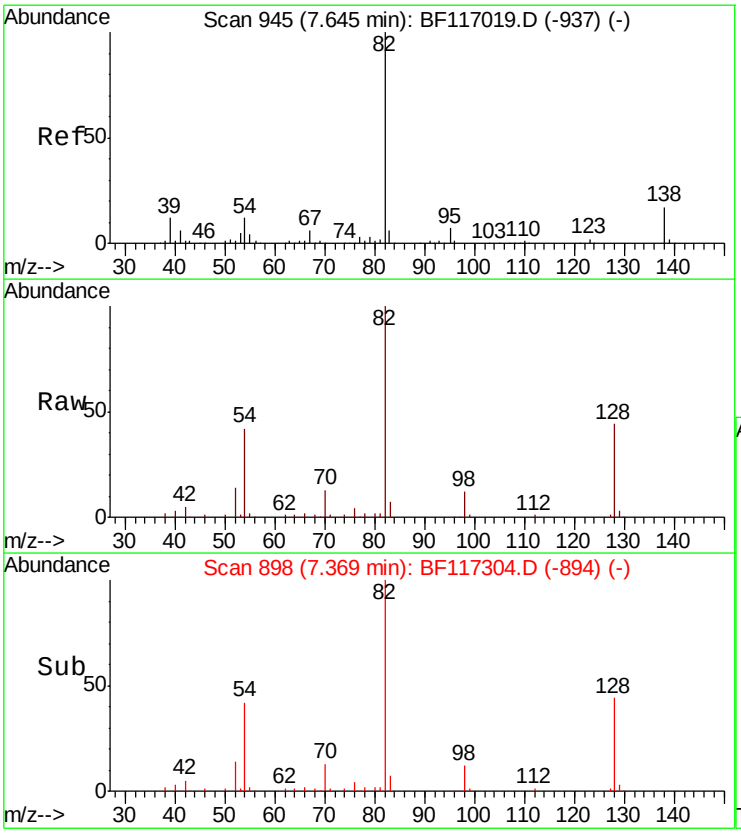
#23
Nitrobenzene-d5
Concen: 88.061 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF117304.D
Acq: 2 Oct 2019 17:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 136941

Ion	Ratio	Lower	Upper
82	100		
128	43.8	32.3	48.5
54	41.7	33.3	49.9

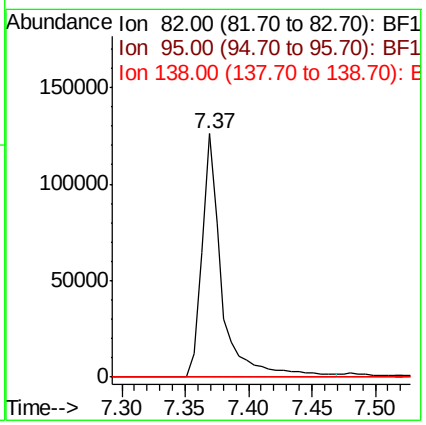


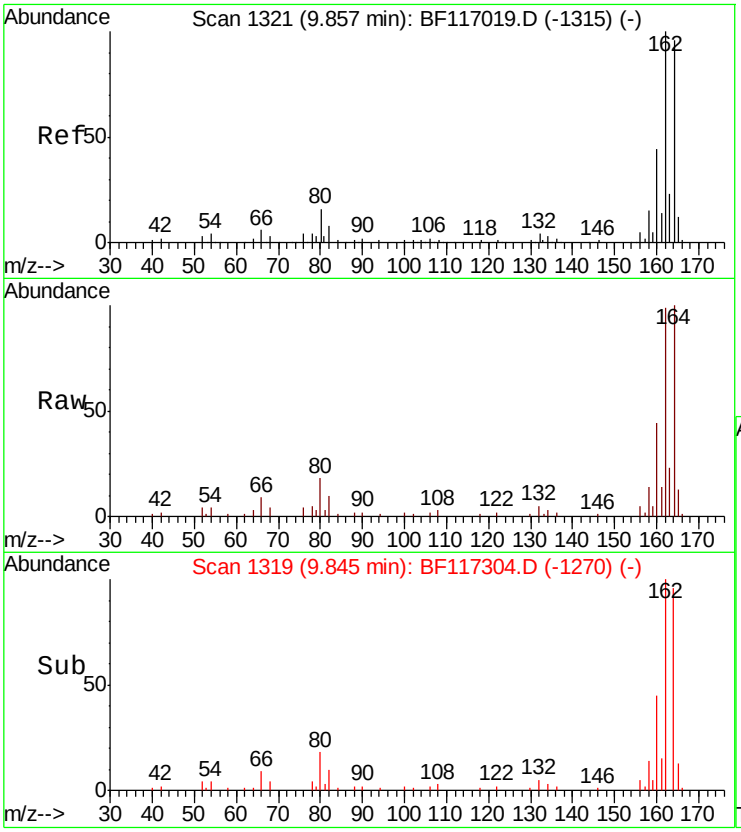


#25
Isophorone
Concen: 49.735 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.28 min
Lab File: BF117304.D
Acq: 2 Oct 2019 17:20

Tgt Ion: 82 Resp: 136940

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



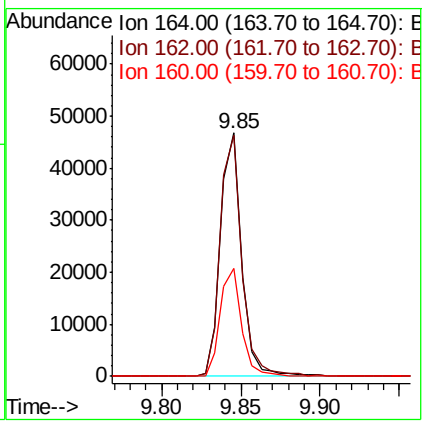


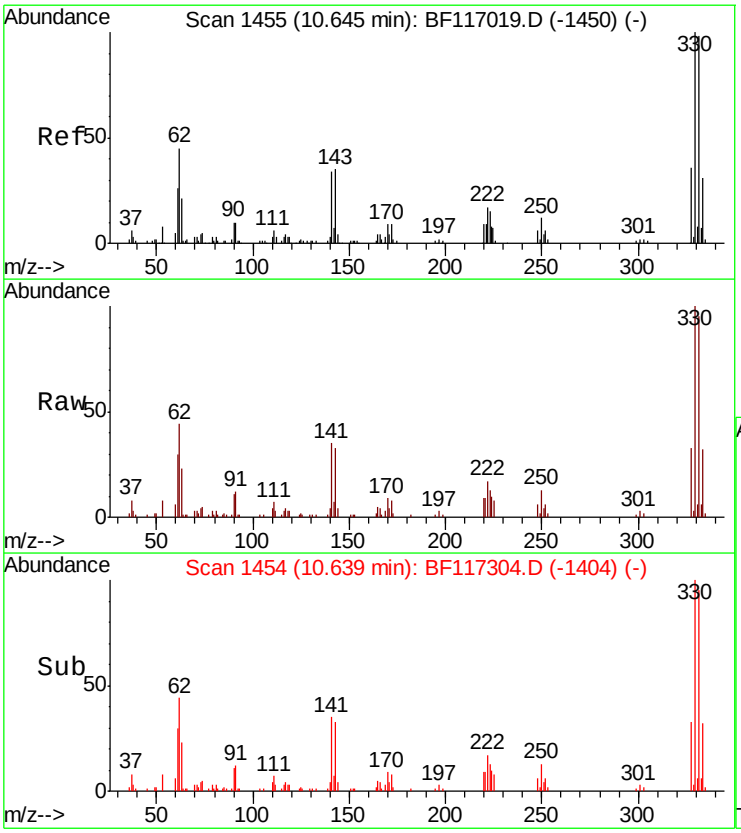
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF117304.D
Acq: 2 Oct 2019 17:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 43418

Ion	Ratio	Lower	Upper
164	100		
162	98.9	83.4	125.2
160	44.4	36.4	54.6

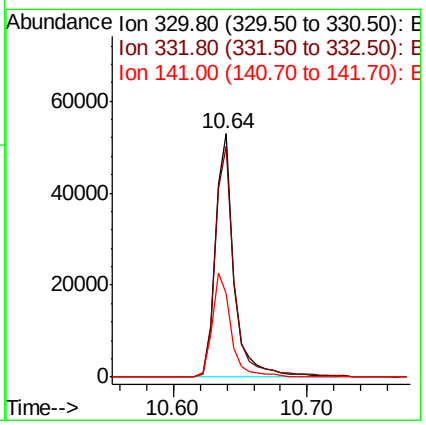


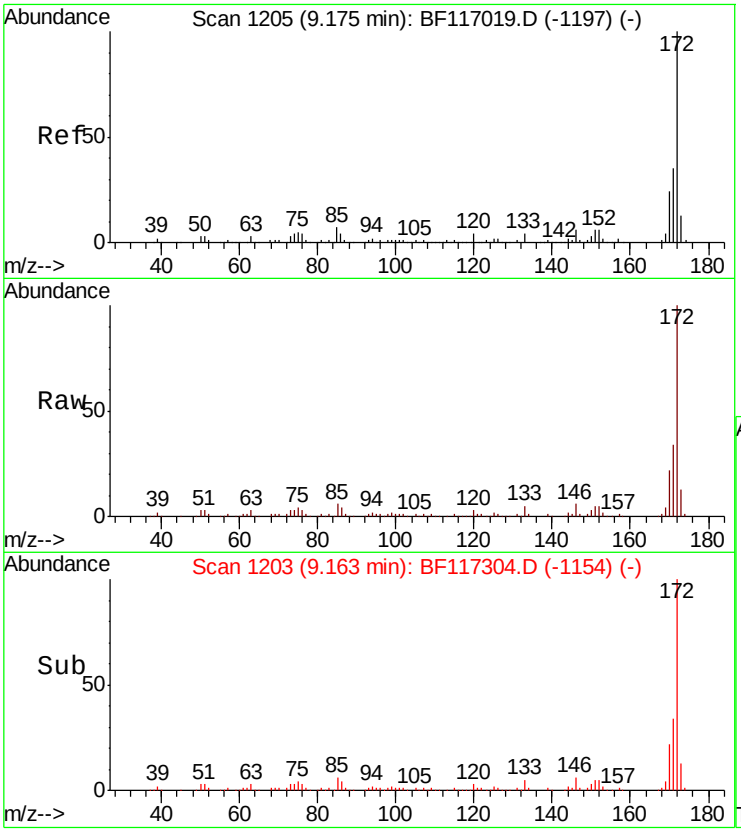


#42
2,4,6-Tribromophenol
Concen: 144.234 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF117304.D
Acq: 2 Oct 2019 17:20

Tgt Ion:330 Resp: 52339

Ion	Ratio	Lower	Upper
330	100		
332	97.5	78.0	117.0
141	42.8	35.8	53.6



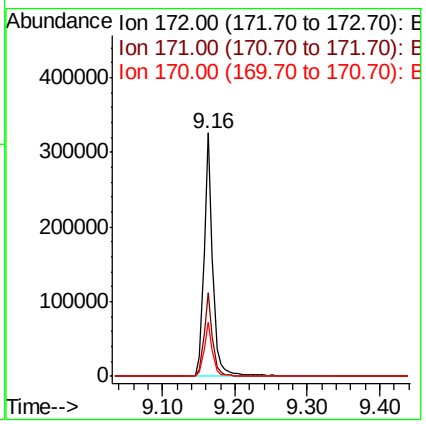


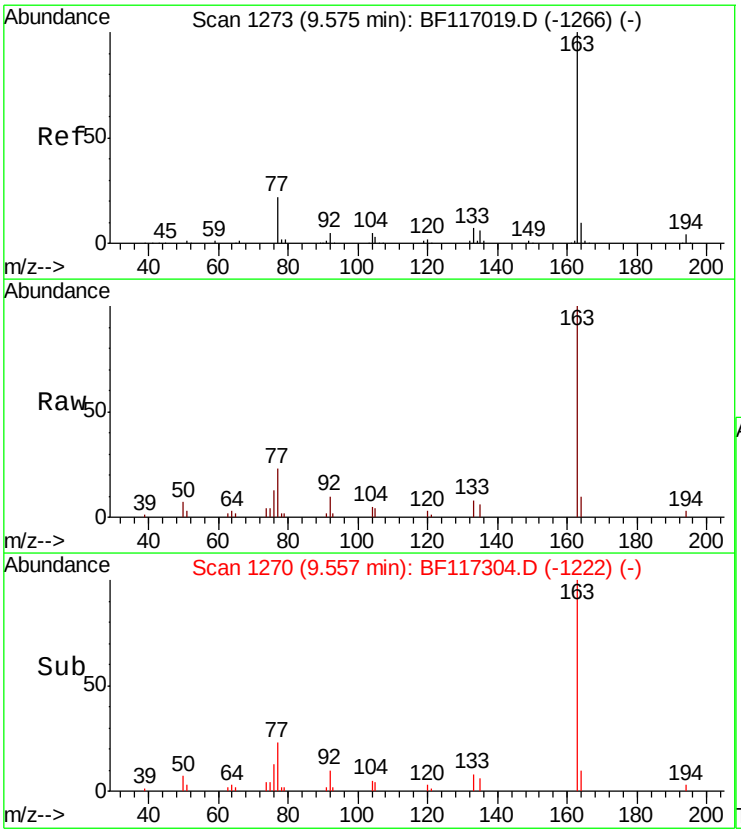
#45
2-Fluorobiphenyl
Concen: 98.513 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF117304.D
Acq: 2 Oct 2019 17:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 273554

Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.2	42.2
170	22.1	18.9	28.3

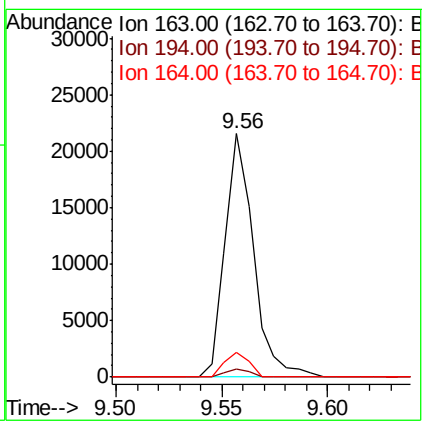


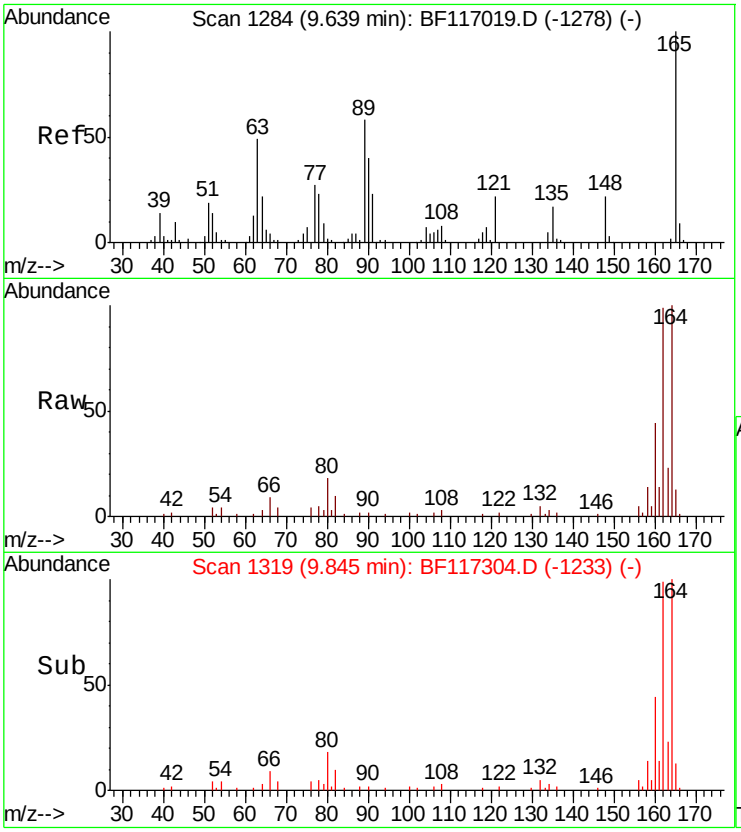


#50
Dimethylphthalate
Concen: 6.537 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF117304.D
Acq: 2 Oct 2019 17:20

Tgt Ion:163 Resp: 20096

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.9	4.3
164	10.4	8.2	12.4



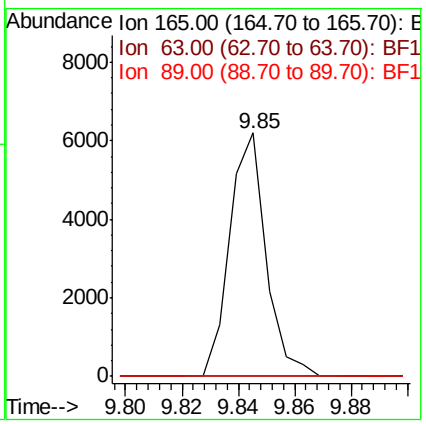


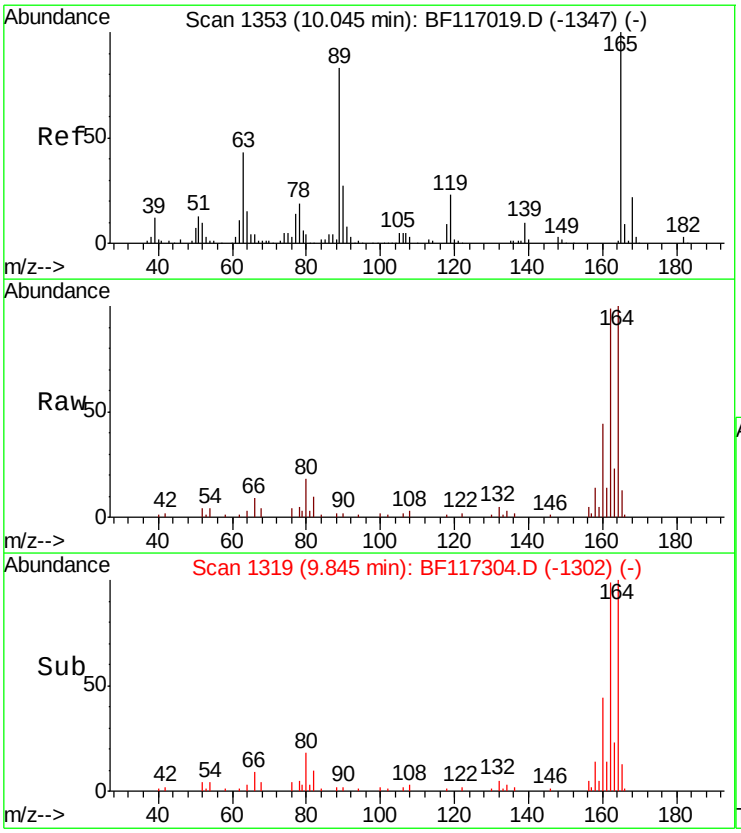
#51
2,6-Dinitrotoluene
Concen: 8.797 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.21 min
Lab File: BF117304.D
Acq: 2 Oct 2019 17:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 5508

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

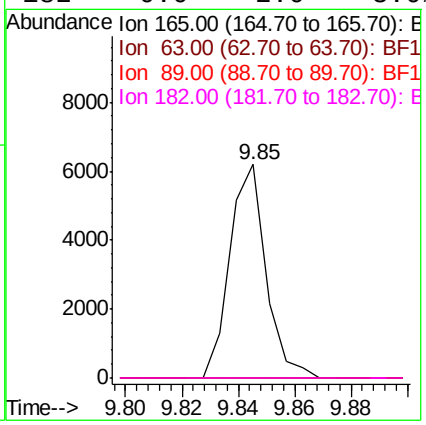


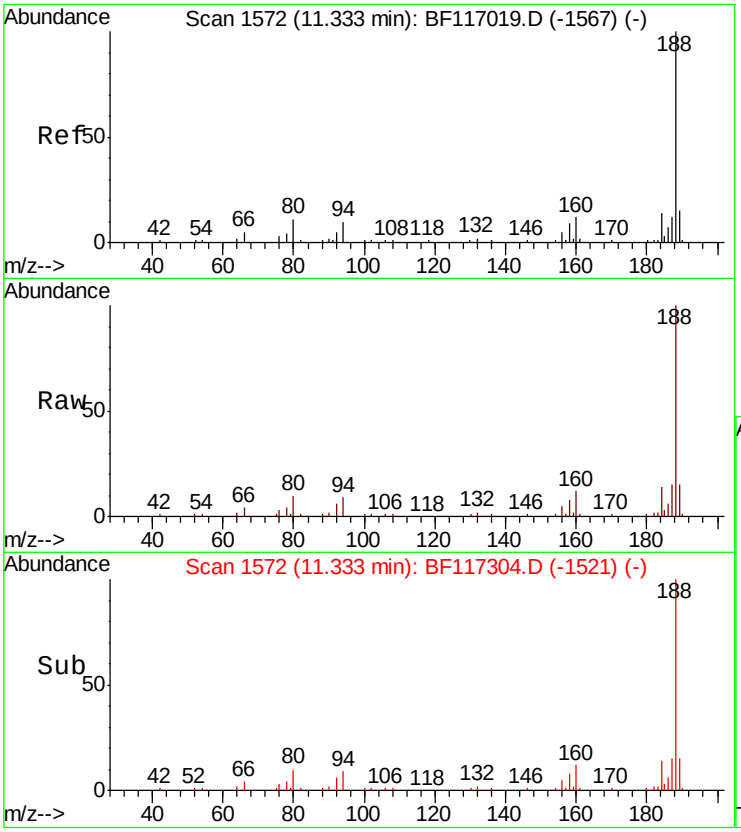


#57
2,4-Dinitrotoluene
Concen: 6.777 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.20 min
Lab File: BF117304.D
Acq: 2 Oct 2019 17:20

Tgt Ion:165 Resp: 5508

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#



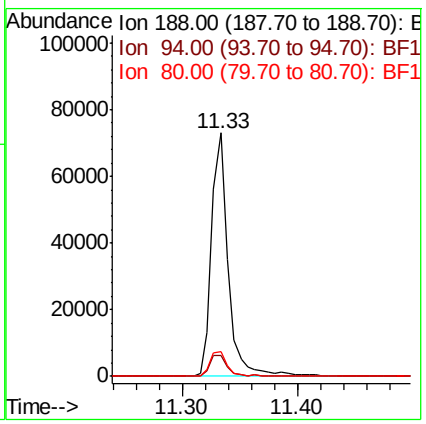


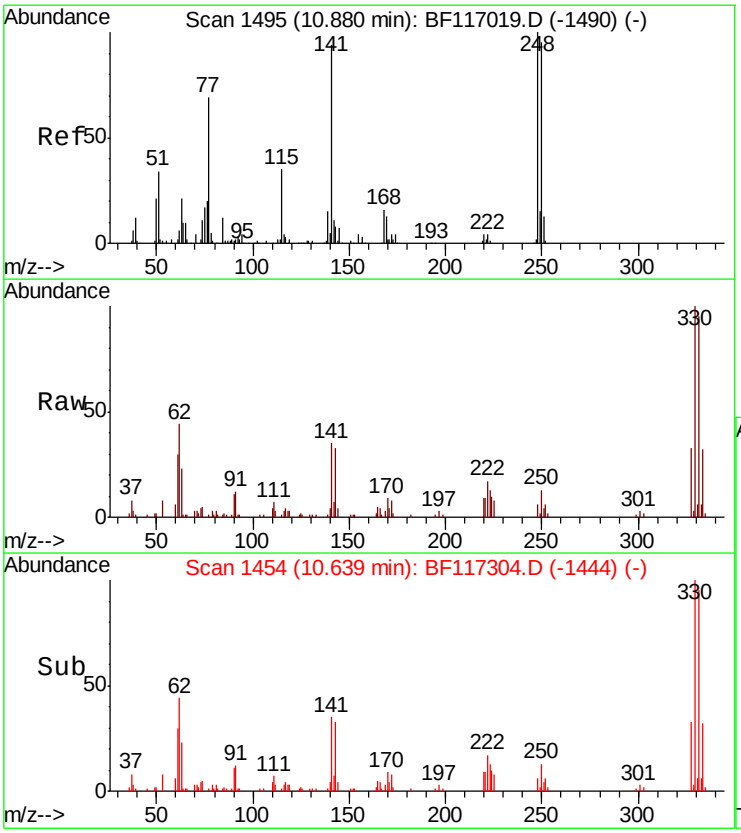
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF117304.D
Acq: 2 Oct 2019 17:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 73183

Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.2	12.2
80	10.0	9.0	13.6

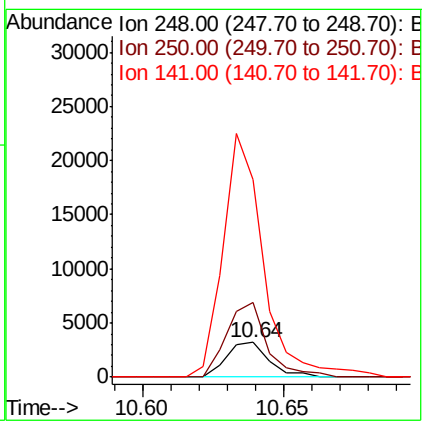


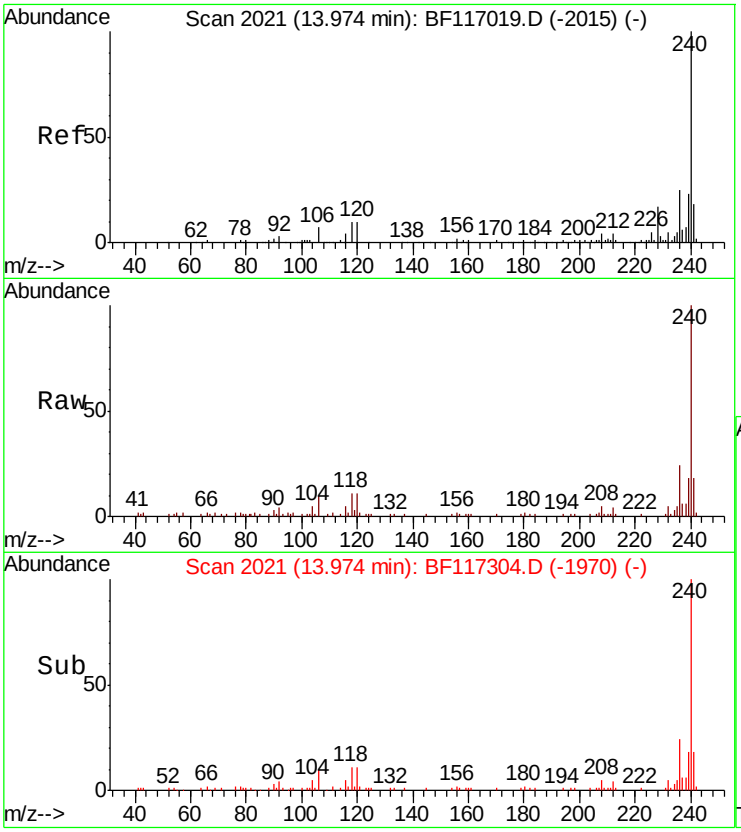


#67
4-Bromophenyl-phenylether
Concen: 4.514 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF117304.D
Acq: 2 Oct 2019 17:20

Tgt Ion:248 Resp: 3374

Ion	Ratio	Lower	Upper
248	100		
250	212.7	76.2	114.4#
141	567.3	75.0	112.4#



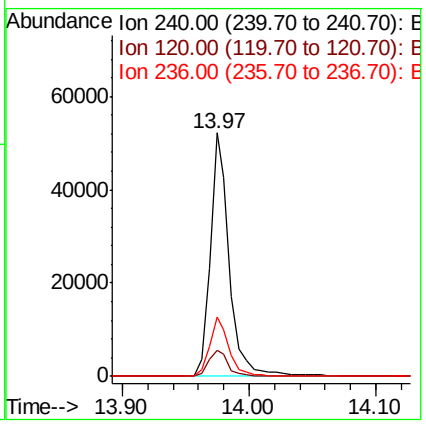


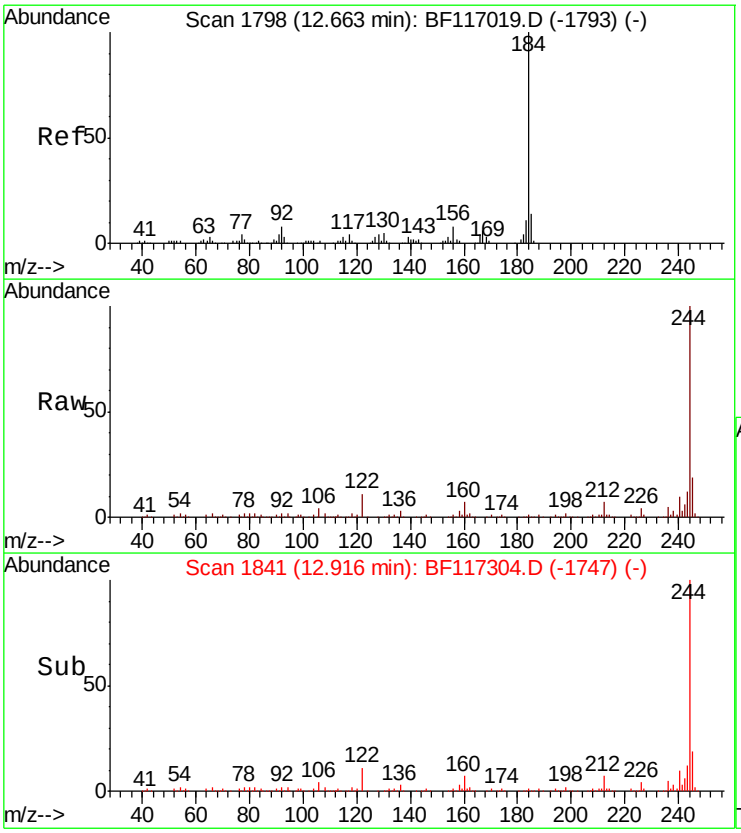
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF117304.D
Acq: 2 Oct 2019 17:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 54803

Ion	Ratio	Lower	Upper
240	100		
120	12.8	8.3	12.5#
236	24.1	20.3	30.5

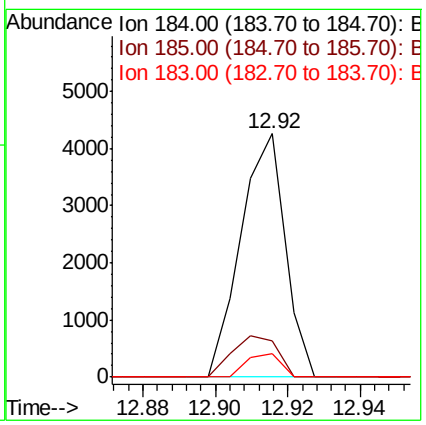


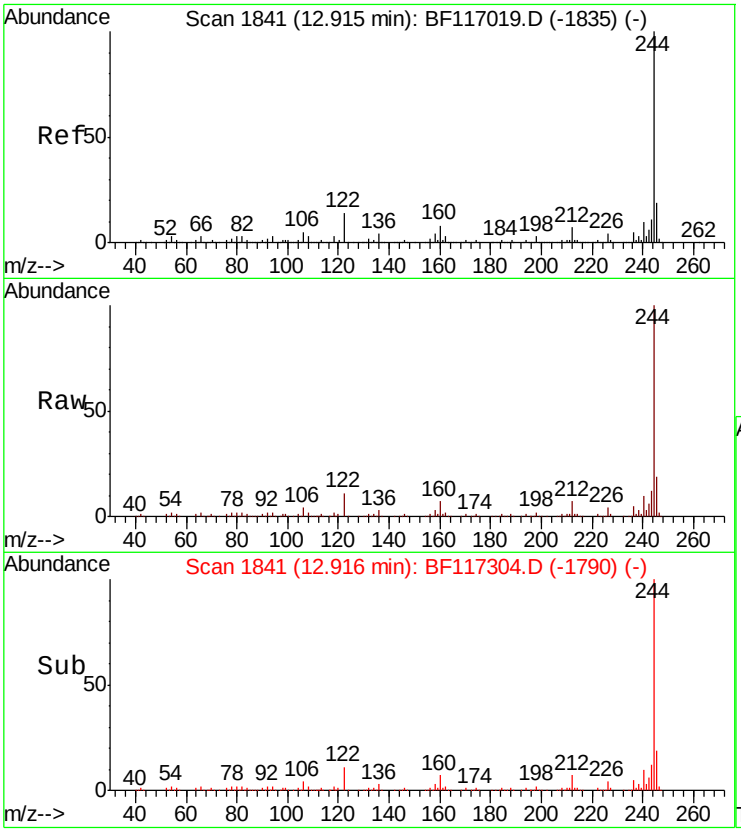


#77
Benzidine
Concen: 2.047 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.25 min
Lab File: BF117304.D
Acq: 2 Oct 2019 17:20

Tgt Ion:184 Resp: 3614

Ion	Ratio	Lower	Upper
184	100		
185	15.0	11.6	17.4
183	9.7	9.0	13.4



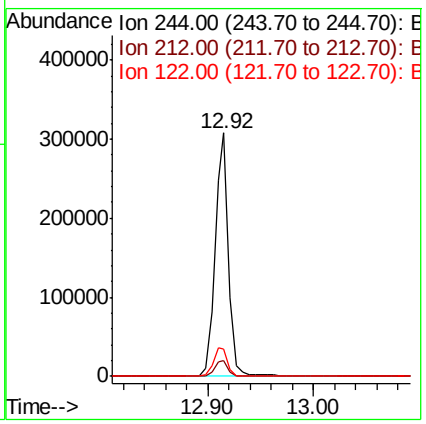


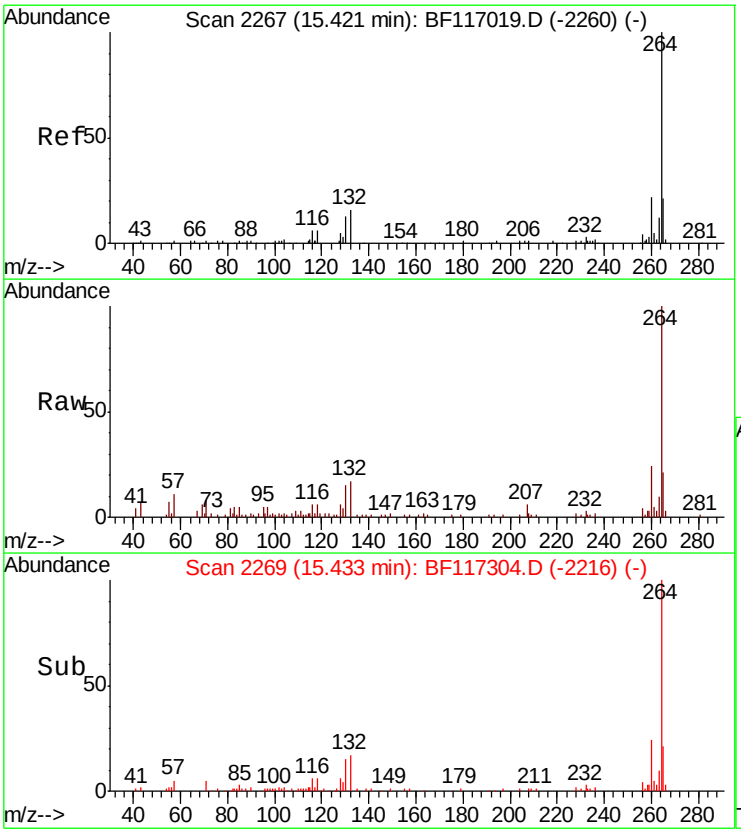
#79
Terphenyl-d14
Concen: 93.967 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BF117304.D
Acq: 2 Oct 2019 17:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 275499

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.8
122	11.2	11.3	16.9#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF117304.D
Acq: 2 Oct 2019 17:20

Tgt Ion:264 Resp: 45399

Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.6	26.4
265	21.3	16.6	24.8