Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111519\
Data File : BF117824.D
Acq On : 16 Nov 2019 00:57
Operator : JU
Sample : K5861-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 18 01:44:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 18:36:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	263163	20.00	ng		0.00
21) Naphthalene-d8	8.20	136	1015233	20.00	ng		-0.01
39) Acenaphthene-d10	9.97	164	526293	20.00	ng		0.00
64) Phenanthrene-d10	11.46	188	965780	20.00	ng		-0.01
76) Chrysene-d12	14.10	240	597133	20.00	ng		-0.01
87) Perylene-d12	15.61	264	713930	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	1798013	120.94	ng		0.00
7) Phenol-d6	6.54	99	2213315	123.43	ng		0.00
23) Nitrobenzene-d5	7.48	82	1354819	79.33	ng		-0.01
42) 2,4,6-Tribromophenol	10.76	330	653455	117.28	ng		-0.01
45) 2-Fluorobiphenyl	9.29	172	2372380	80.87	ng		0.00
79) Terphenyl-d14	13.05	244	2479425	75.89	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.54	77	4001	Below Cal		#	1
10) Phenol	6.55	94	66932	3.592	ng		95
19) n-Nitroso-di-n-propylamine	7.48	70	184805	16.705	ng	#	76
25) Isophorone	7.48	82	1352709	43.215	ng	#	62
50) Dimethylphthalate	9.67	163	385246	10.439	ng		99
57) 2,4-Dinitrotoluene	9.97	165	69533	6.777	ng	#	24
67) 4-Bromophenyl-phenylether	10.76	248	41880	4.019	ng	#	1
75) Fluoranthene	12.67	202	17346	Below Cal			99

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

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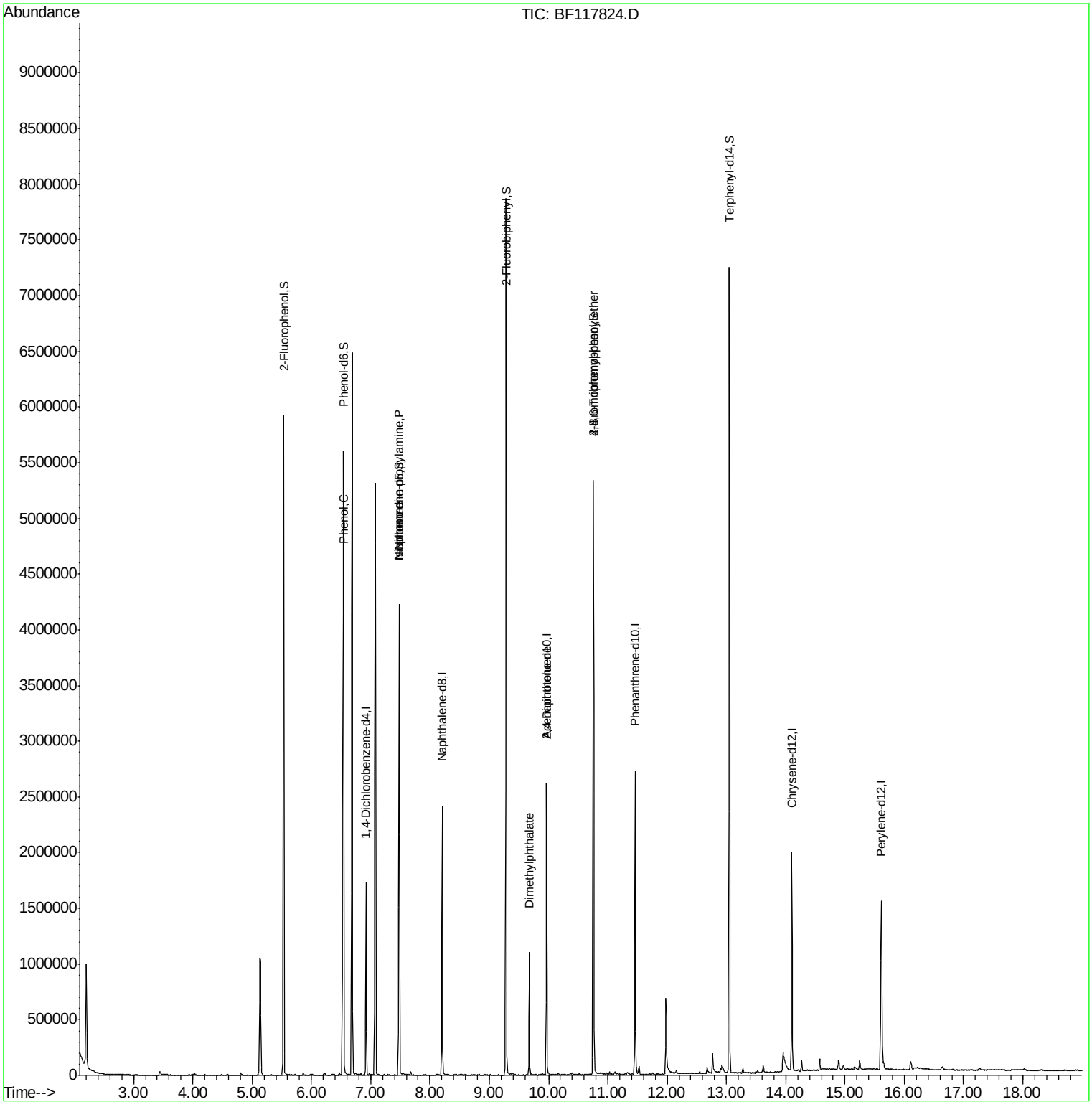
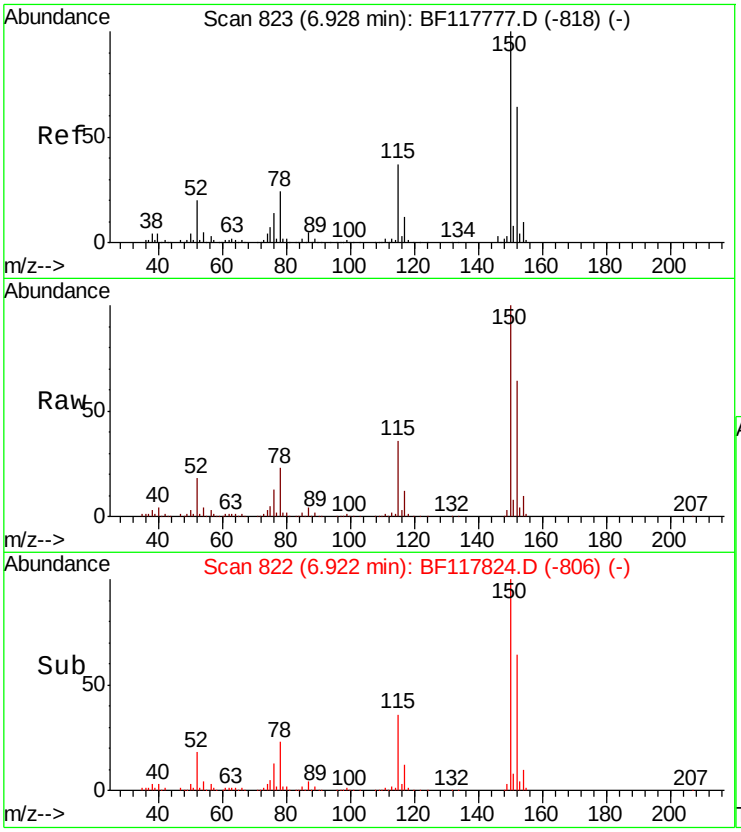


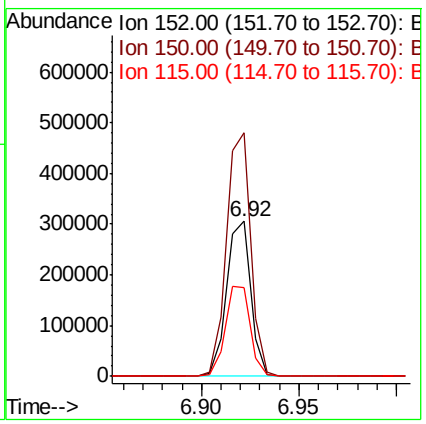


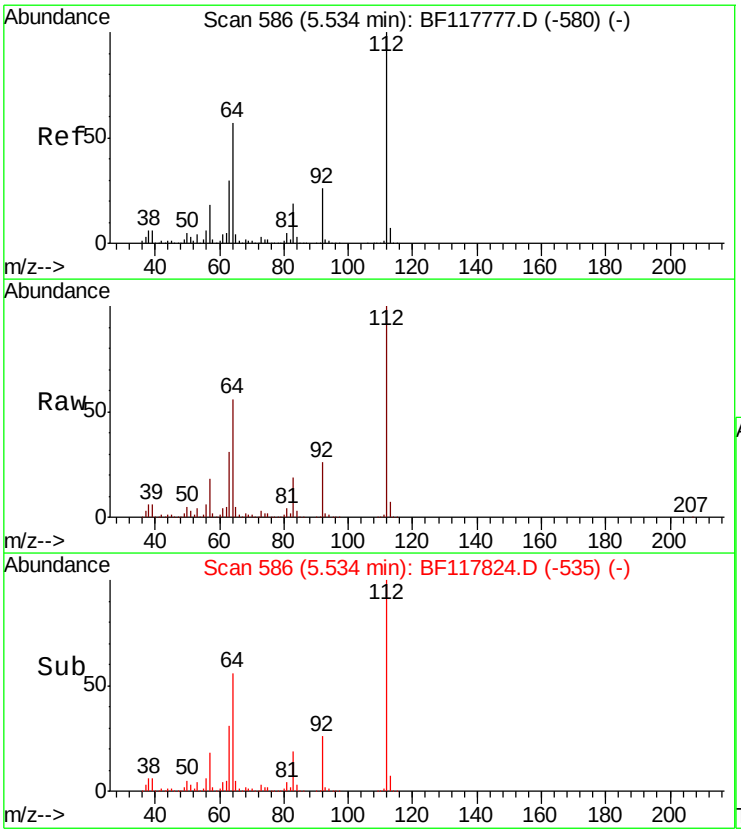
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF117824.D
Acq: 16 Nov 2019 00:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 263163

Ion	Ratio	Lower	Upper
152	100		
150	157.2	125.3	187.9
115	57.1	47.0	70.4

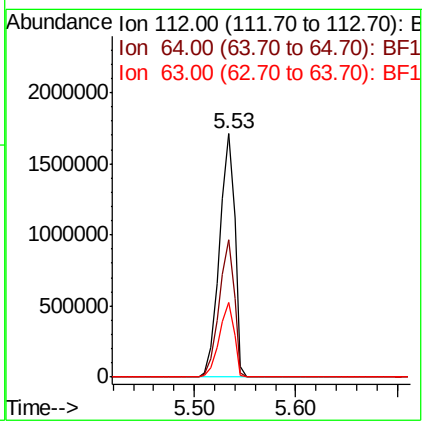


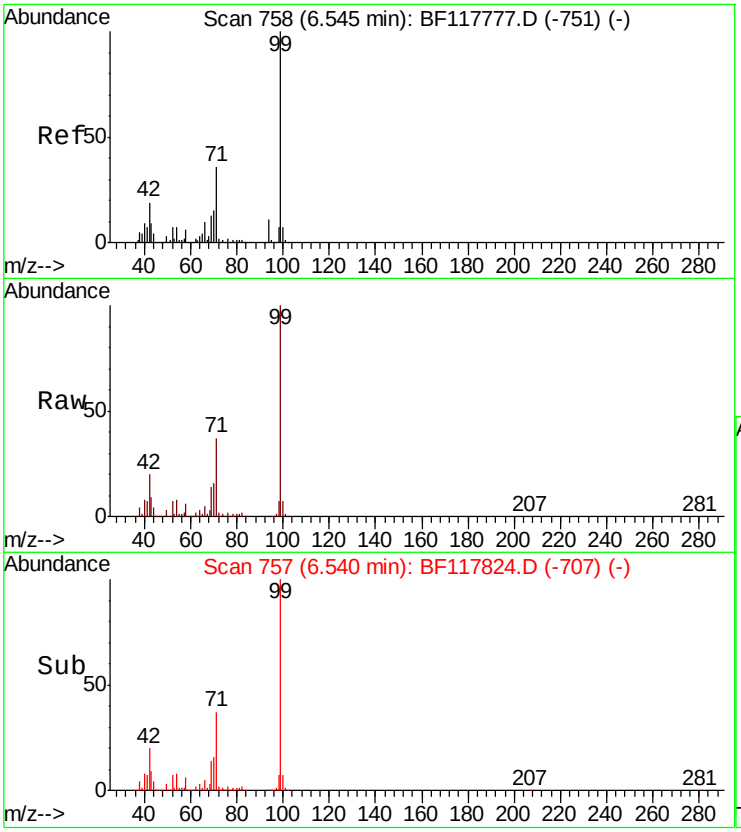


#5
2-Fluorophenol
Concen: 120.939 ng
RT: 5.53 min Scan# 586
Delta R.T. 0.00 min
Lab File: BF117824.D
Acq: 16 Nov 2019 00:57

Tgt Ion:112 Resp: 1798013

Ion	Ratio	Lower	Upper
112	100		
64	56.2	45.6	68.4
63	30.7	24.1	36.1



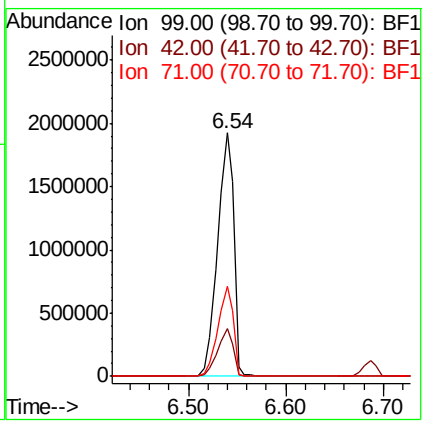


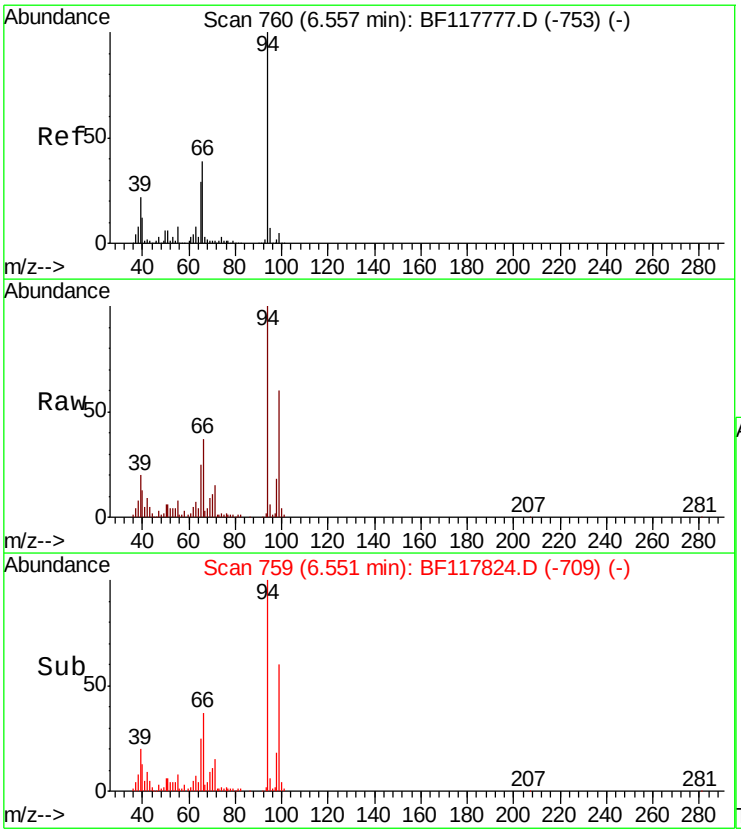
#7
Phenol-d6
Concen: 123.428 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF117824.D
Acq: 16 Nov 2019 00:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 2213315

Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.9	22.3
71	37.0	28.6	43.0

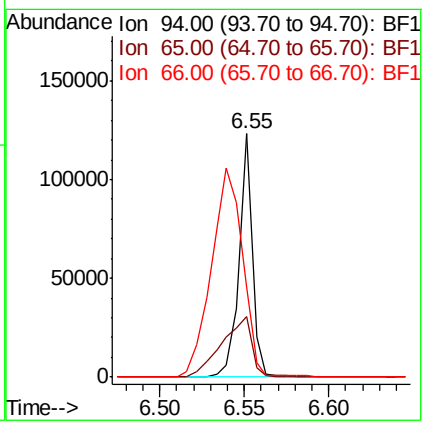


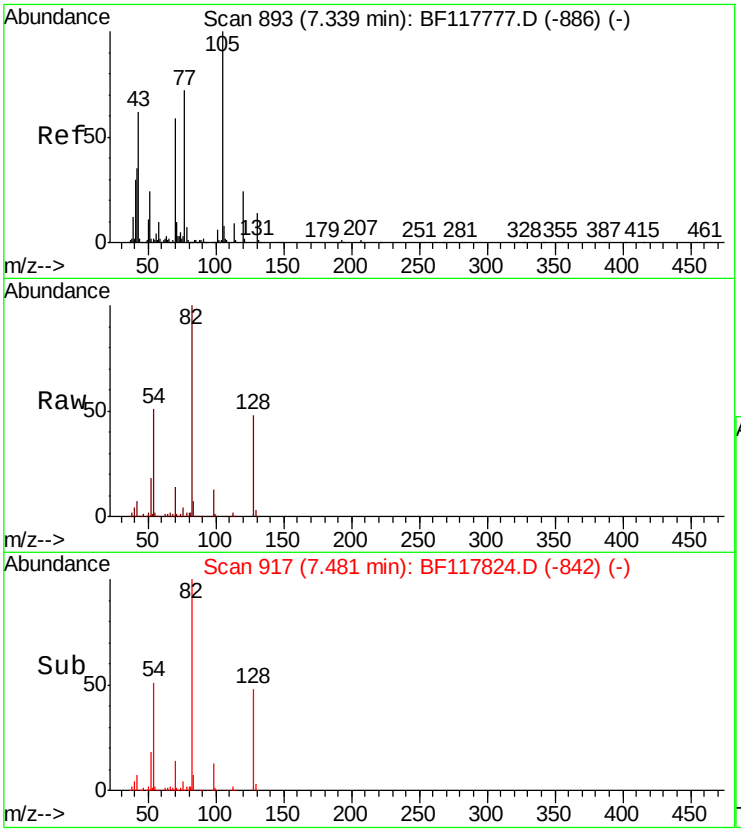


#10
Phenol
Concen: 3.592 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF117824.D
Acq: 16 Nov 2019 00:57

Tgt Ion: 94 Resp: 66932

Ion	Ratio	Lower	Upper
94	100		
65	24.7	8.9	48.9
66	36.8	18.7	58.7



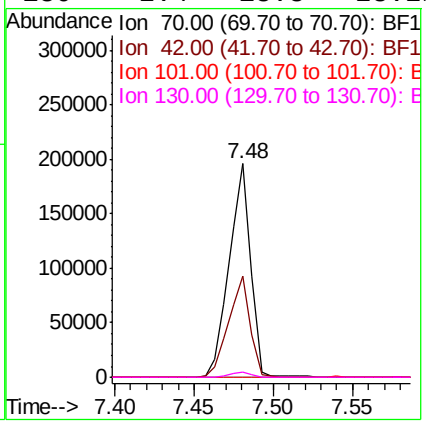


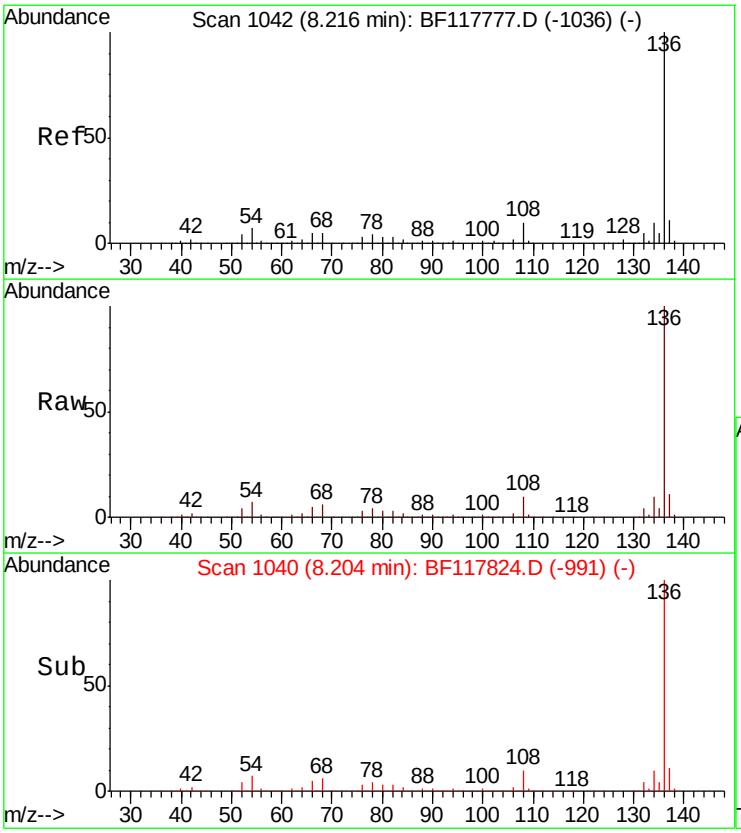
#19
n-Nitroso-di-n-propylamine
Concen: 16.705 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.14 min
Lab File: BF117824.D
Acq: 16 Nov 2019 00:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 184805

Ion	Ratio	Lower	Upper
70	100		
42	47.3	47.4	71.2#
101	0.0	8.4	12.6#
130	2.4	18.8	28.2#

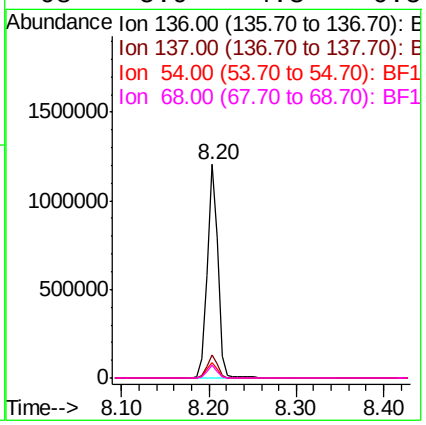


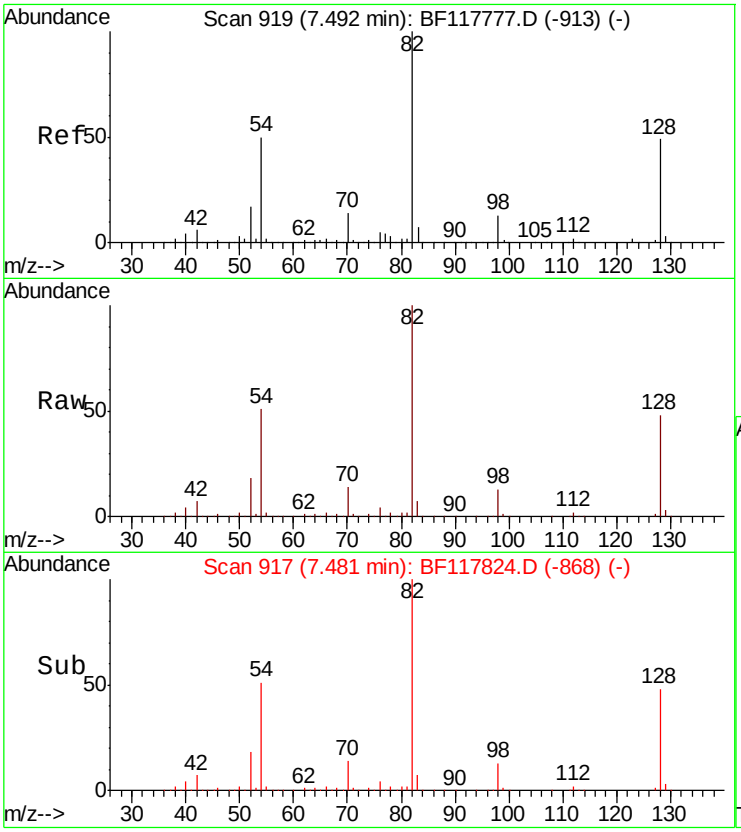


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF117824.D
Acq: 16 Nov 2019 00:57

Tgt Ion:136 Resp: 1015233

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	7.4	5.4	8.2
68	5.9	4.3	6.5



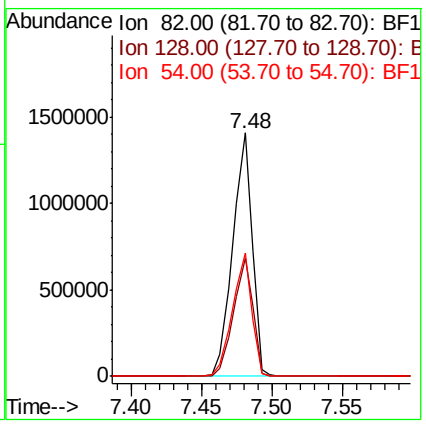


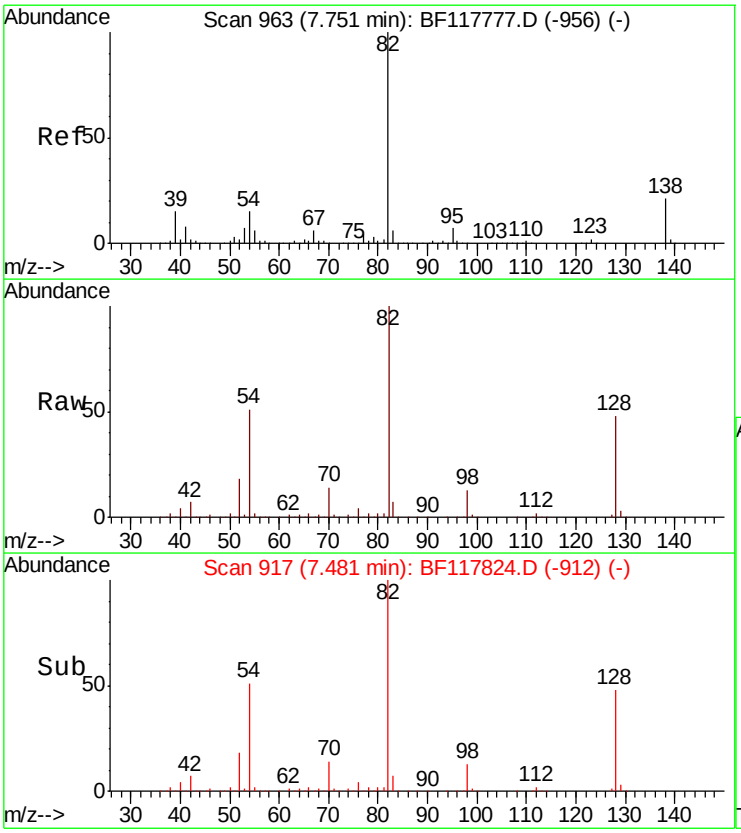
#23
Nitrobenzene-d5
Concen: 79.330 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF117824.D
Acq: 16 Nov 2019 00:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1354819

Ion	Ratio	Lower	Upper
82	100		
128	48.4	38.9	58.3
54	50.6	39.8	59.6

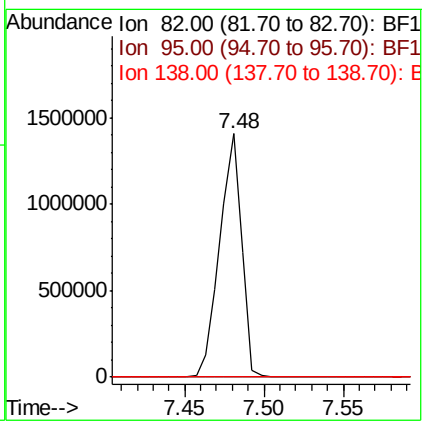


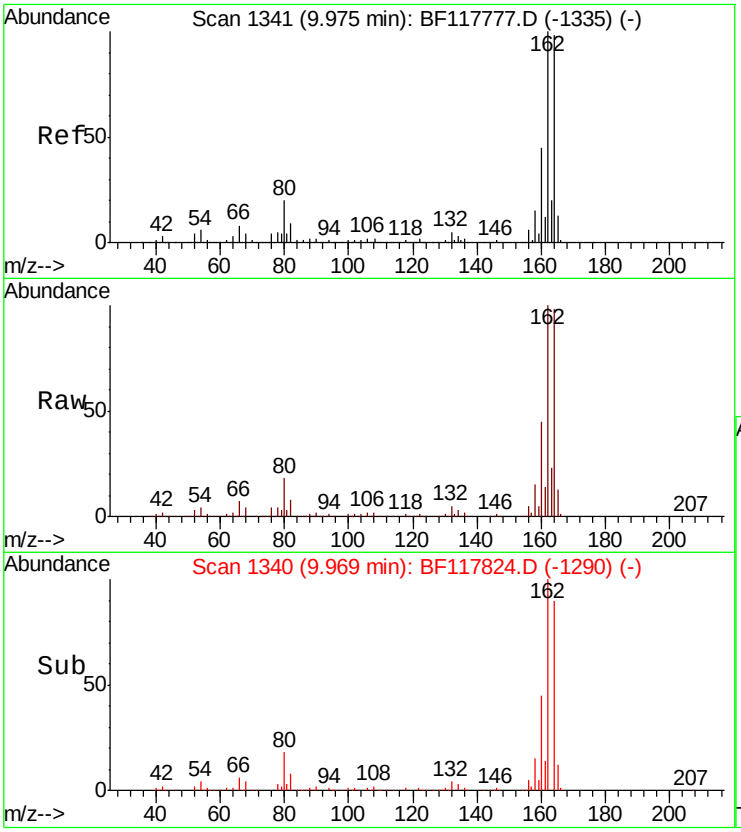


#25
Isophorone
Concen: 43.215 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.27 min
Lab File: BF117824.D
Acq: 16 Nov 2019 00:57

Tgt Ion: 82 Resp: 1352709

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.8#
138	0.0	16.5	24.7#



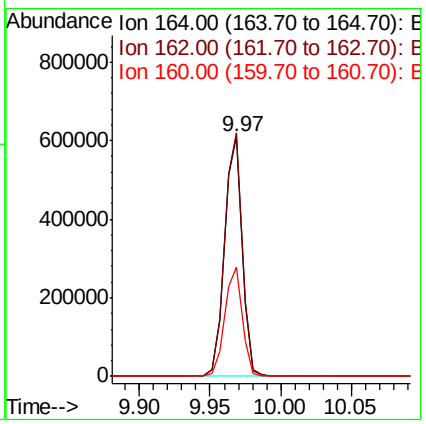


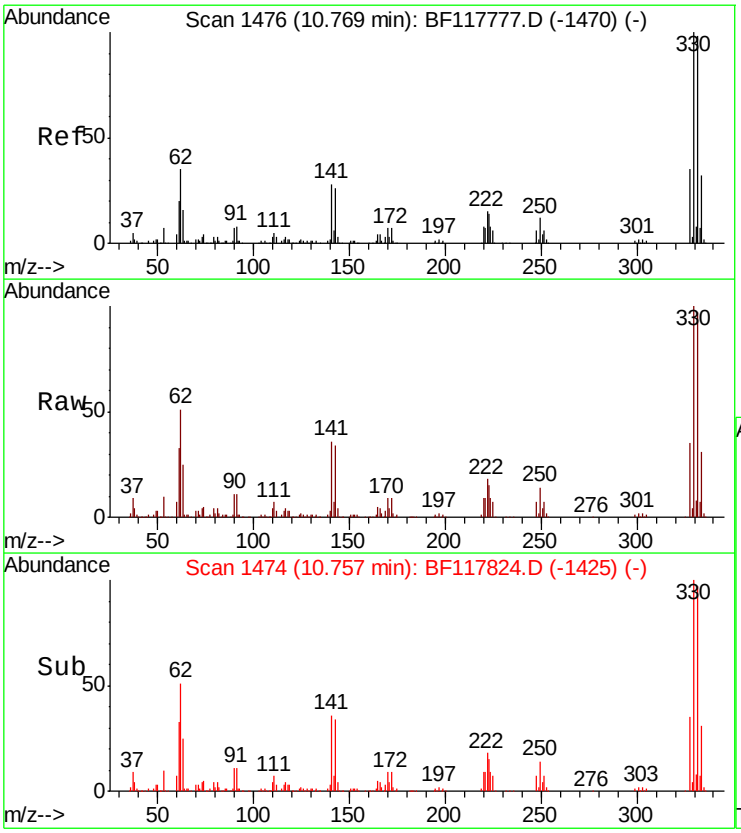
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF117824.D
Acq: 16 Nov 2019 00:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 526293

Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.3	121.9
160	45.5	36.6	55.0

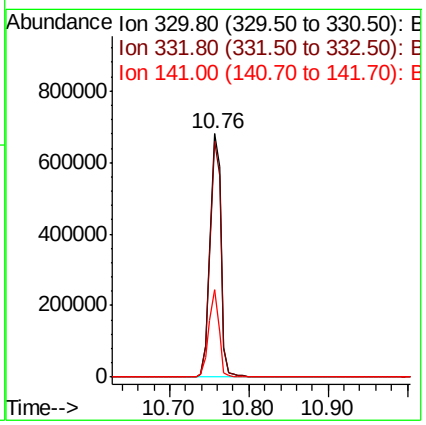


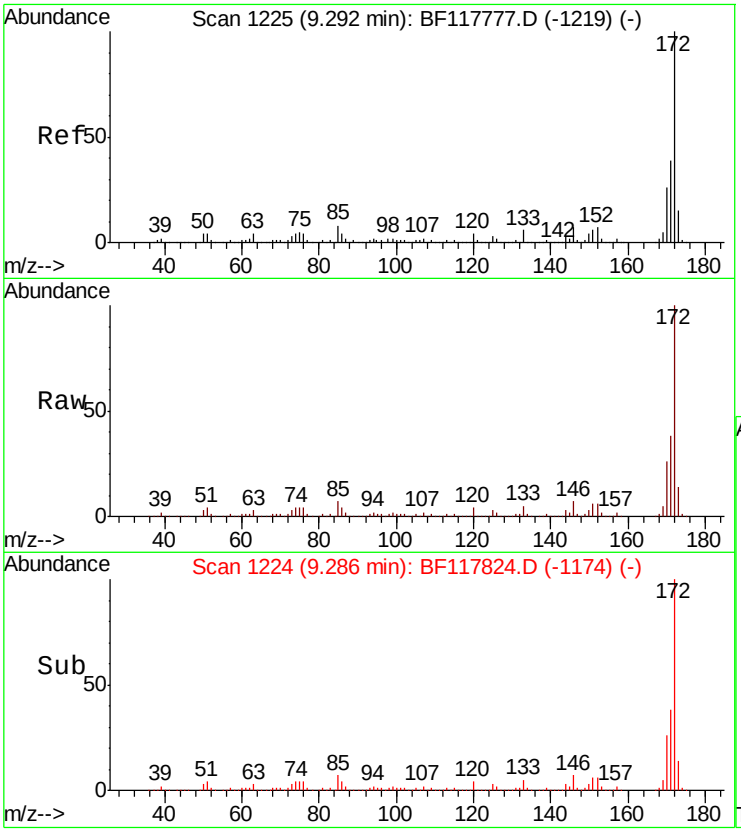


#42
2,4,6-Tribromophenol
Concen: 117.279 ng
RT: 10.76 min Scan# 1474
Delta R.T. -0.01 min
Lab File: BF117824.D
Acq: 16 Nov 2019 00:57

Tgt Ion:330 Resp: 653455

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.7	115.1
141	33.5	27.7	41.5



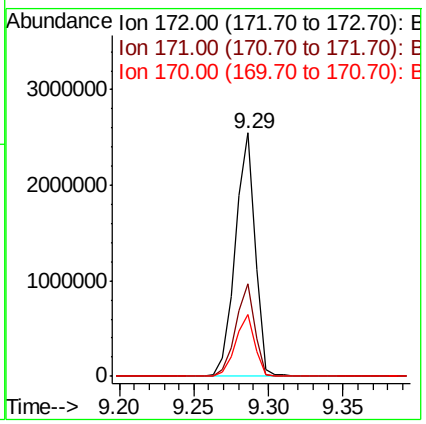


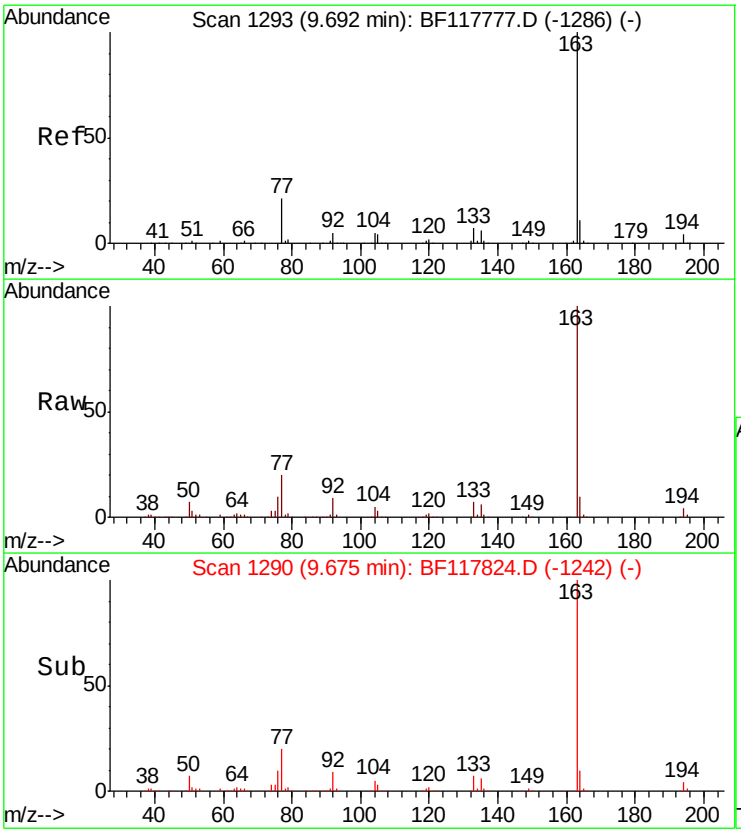
#45
2-Fluorobiphenyl
Concen: 80.870 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF117824.D
Acq: 16 Nov 2019 00:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 2372380

Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.9	46.3
170	25.5	21.0	31.4

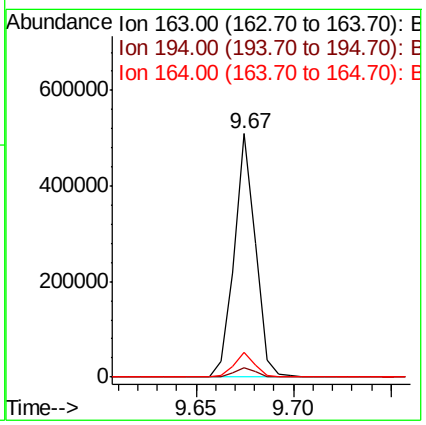


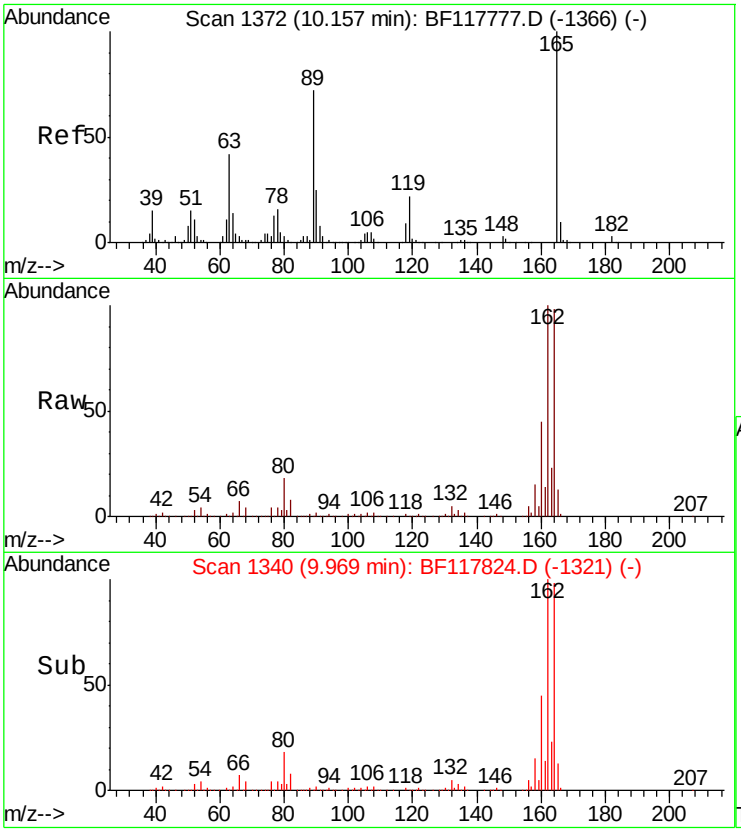


#50
Dimethylphthalate
Concen: 10.439 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF117824.D
Acq: 16 Nov 2019 00:57

Tgt Ion:163 Resp: 385246

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.3	8.7	13.1



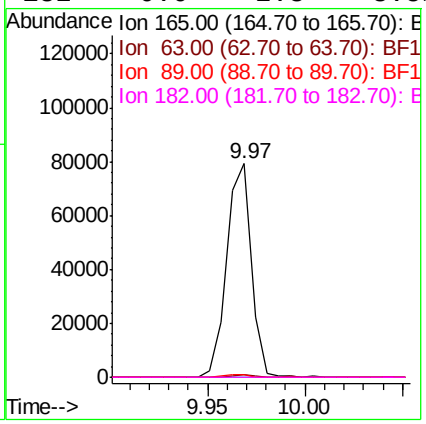


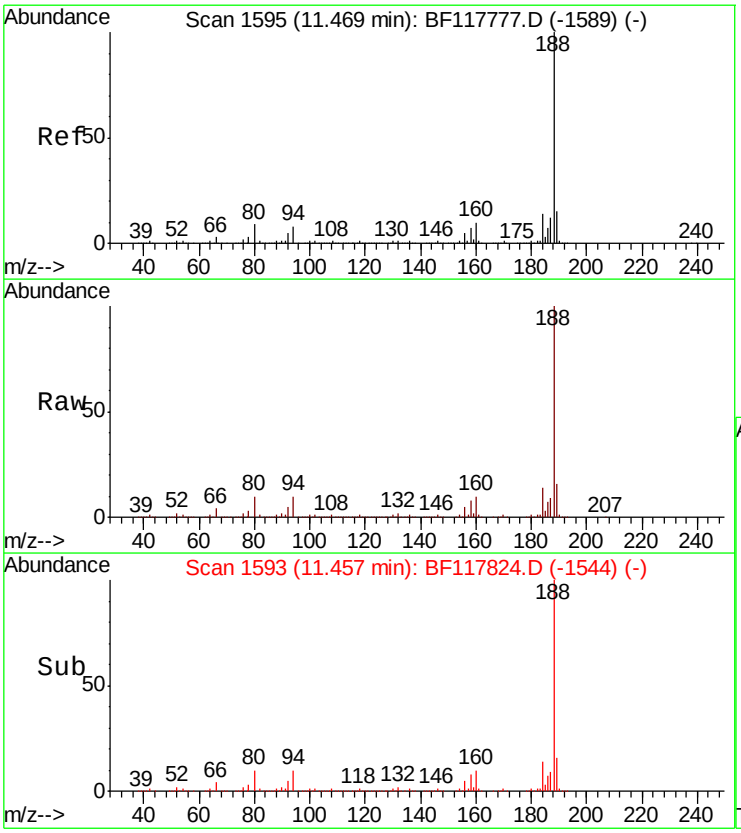
#57
2,4-Dinitrotoluene
Concen: 6.777 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.19 min
Lab File: BF117824.D
Acq: 16 Nov 2019 00:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 69533

Ion	Ratio	Lower	Upper
165	100		
63	1.0	33.7	50.5#
89	1.2	57.3	85.9#
182	0.0	2.3	3.5#

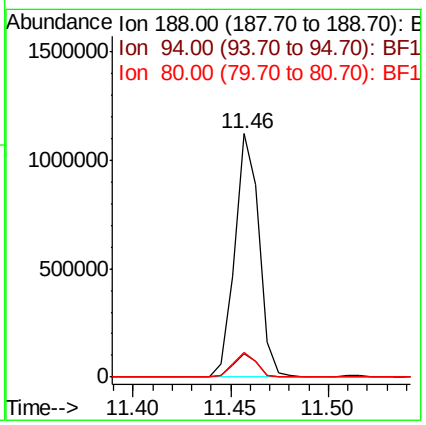


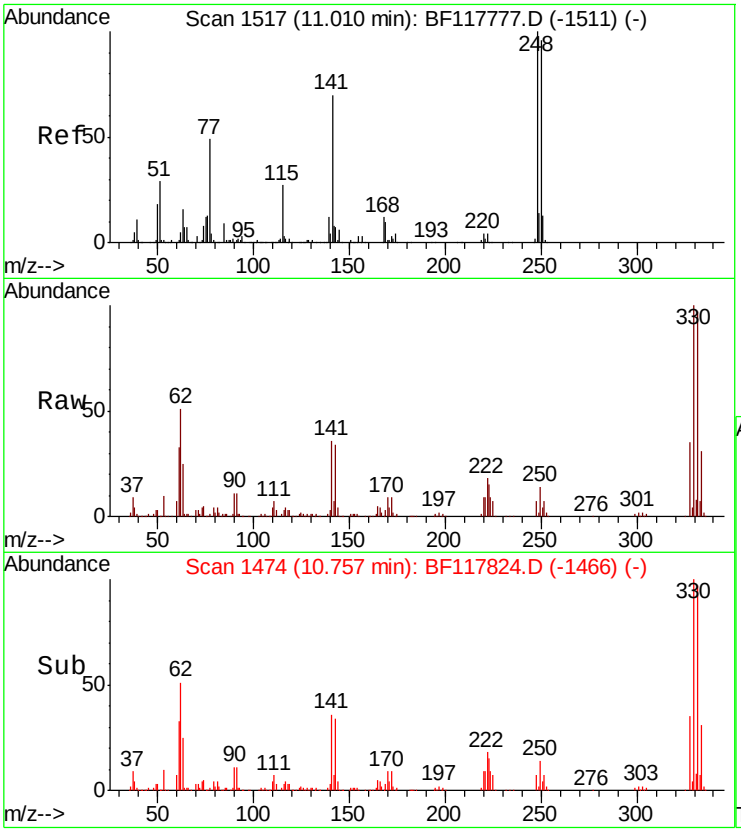


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BF117824.D
Acq: 16 Nov 2019 00:57

Tgt Ion:188 Resp: 965780

Ion	Ratio	Lower	Upper
188	100		
94	9.9	6.6	10.0
80	10.3	7.2	10.8



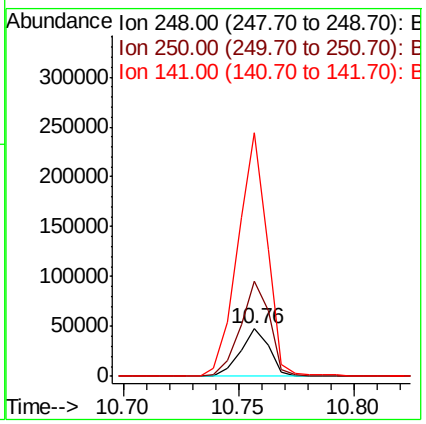


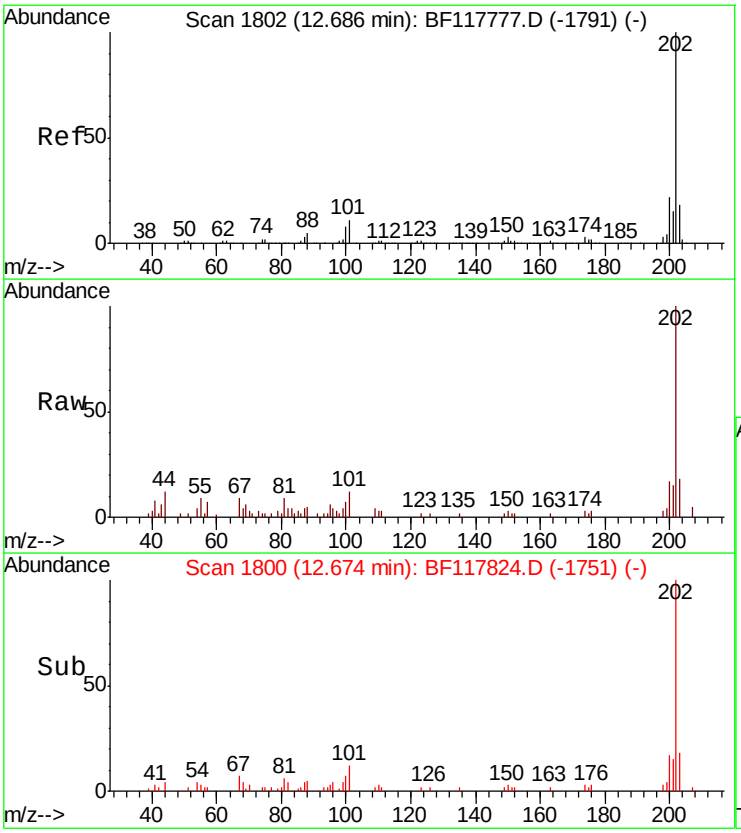
#67
4-Bromophenyl-phenylether
Concen: 4.019 ng
RT: 10.76 min Scan# 1474
Delta R.T. -0.25 min
Lab File: BF117824.D
Acq: 16 Nov 2019 00:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 41880

Ion	Ratio	Lower	Upper
248	100		
250	200.7	76.6	115.0#
141	514.9	55.9	83.9#

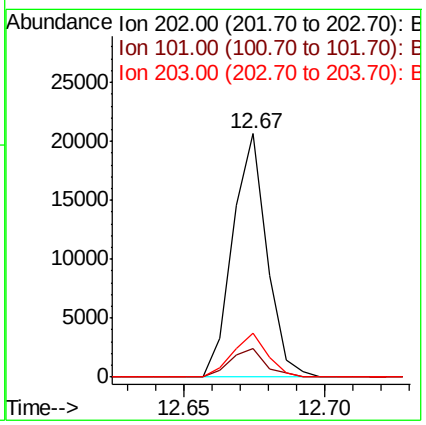


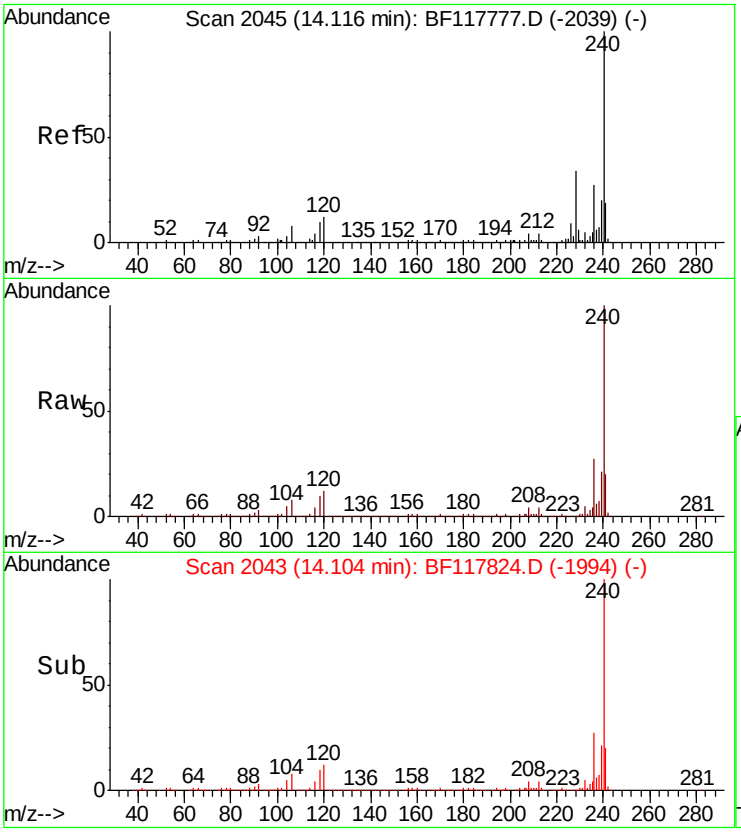


#75
Fluoranthene
Concen: Below Cal
RT: 12.67 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF117824.D
Acq: 16 Nov 2019 00:57

Tgt Ion:202 Resp: 17346

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	31.1
203	17.8	0.0	38.2



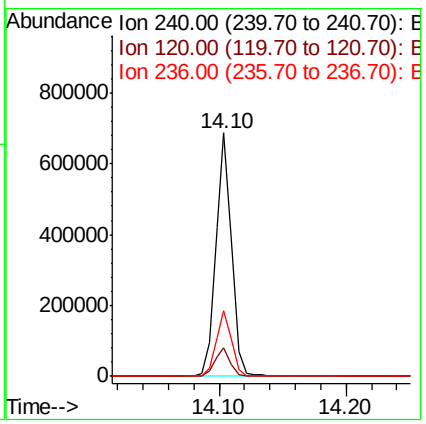


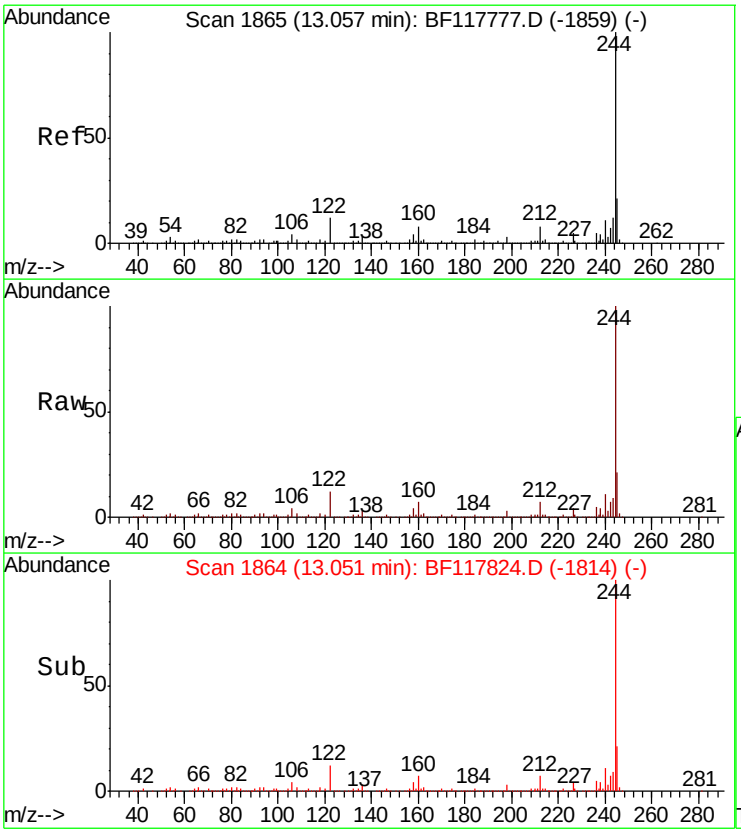
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BF117824.D
Acq: 16 Nov 2019 00:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 597133

Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.5	14.3
236	27.0	21.3	31.9

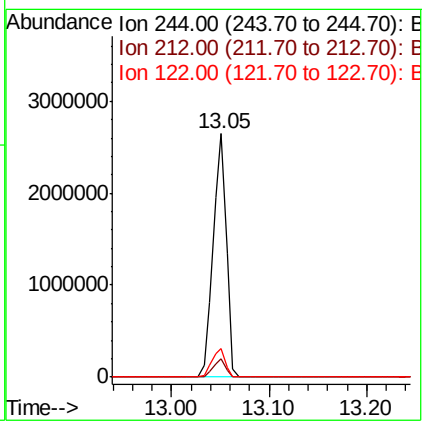


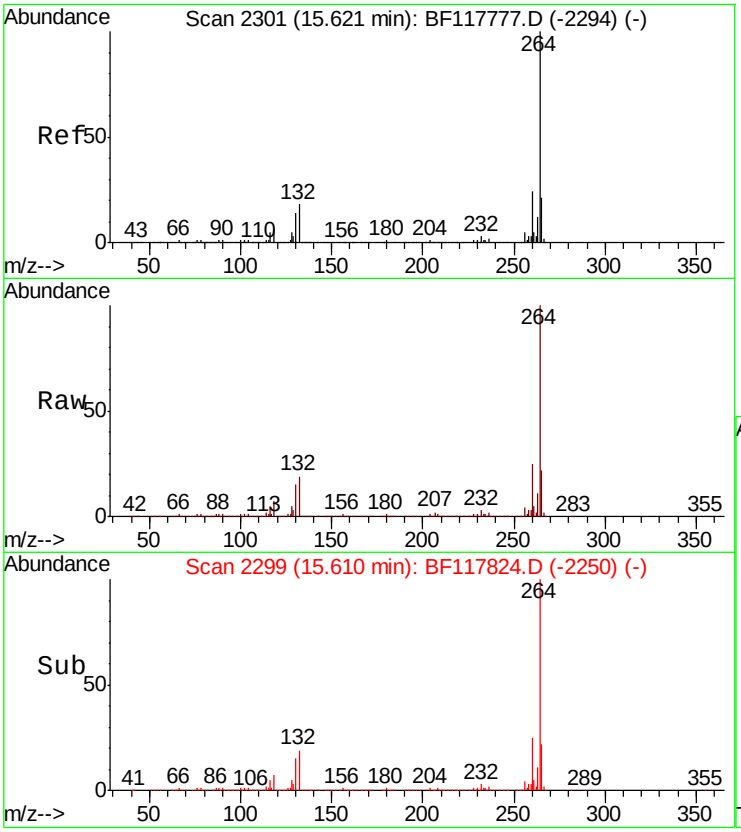


#79
Terphenyl-d14
Concen: 75.886 ng
RT: 13.05 min Scan# 1864
Delta R.T. -0.01 min
Lab File: BF117824.D
Acq: 16 Nov 2019 00:57

Tgt Ion:244 Resp: 2479425

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.3	9.5
122	11.5	9.4	14.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.61 min Scan# 2299
Delta R.T. -0.01 min
Lab File: BF117824.D
Acq: 16 Nov 2019 00:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 713930

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.0
265	21.8	17.1	25.7