Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
Data File : BF121082.D
Acq On : 28 Jul 2020 21:54
Operator : JU/CG
Sample : L3439-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20200443-3002C

Quant Time: Jul 29 00:47:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 14:20:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	156163	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	596936	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	319131	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	635977	20.00	ng		0.00
76) Chrysene-d12	13.97	240	630796	20.00	ng		0.00
86) Perylene-d12	15.42	264	648632	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1212204	127.25	ng		0.02
7) Phenol-d6	6.45	99	1370267	111.36	ng		0.00
23) Nitrobenzene-d5	7.38	82	1008138	97.72	ng		0.00
42) 2,4,6-Tribromophenol	10.64	330	532225	152.36	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	1807805	84.58	ng		0.00
79) Terphenyl-d14	12.92	244	2031324	70.00	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.36	77	11056	Below Cal			97
10) Phenol	6.46	94	75603	5.585	ng		96
19) n-Nitroso-di-n-propylamine	7.38	70	134423	19.211	ng	#	76
25) Isophorone	7.38	82	1006026	48.862	ng	#	63
32) Benzoic acid	7.83	122	15078	2.343	ng		93
50) Dimethylphthalate	9.56	163	168452	7.317	ng		99
57) 2,4-Dinitrotoluene	9.85	165	41288	6.356	ng	#	27
65) 4,6-Dinitro-2-methylphenol	10.64	198	1075	4.111	ng	#	1
67) 4-Bromophenyl-phenylether	10.64	248	30649	4.322	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
Data File : BF121082.D
Acq On : 28 Jul 2020 21:54
Operator : JU/CG
Sample : L3439-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20200443-3002C

Quant Time: Jul 29 00:47:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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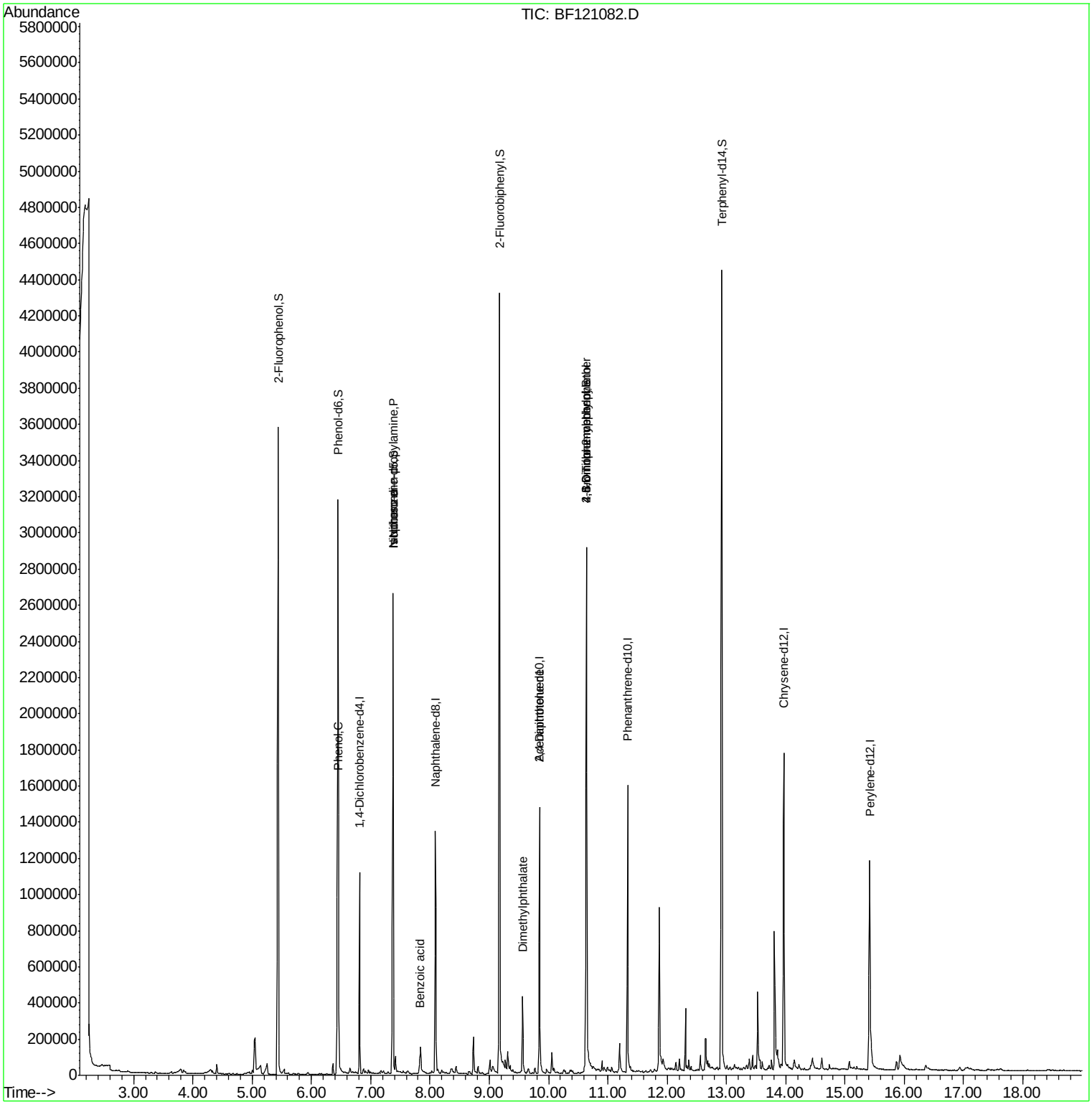
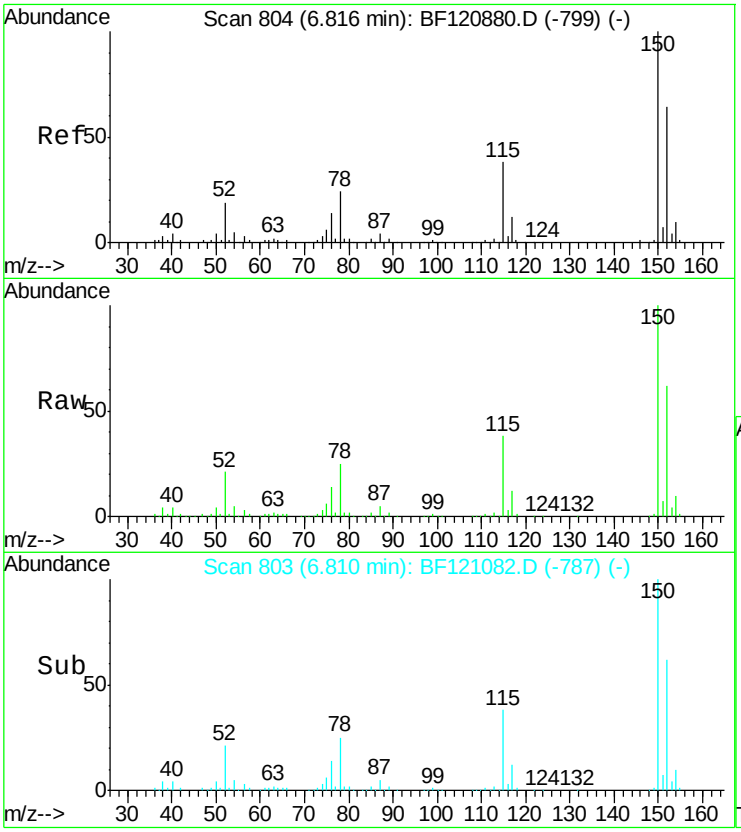
Response via : Initial Calibration



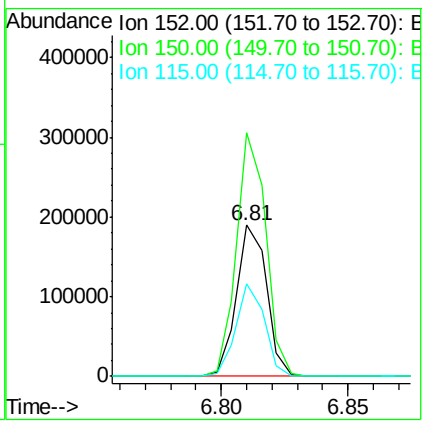


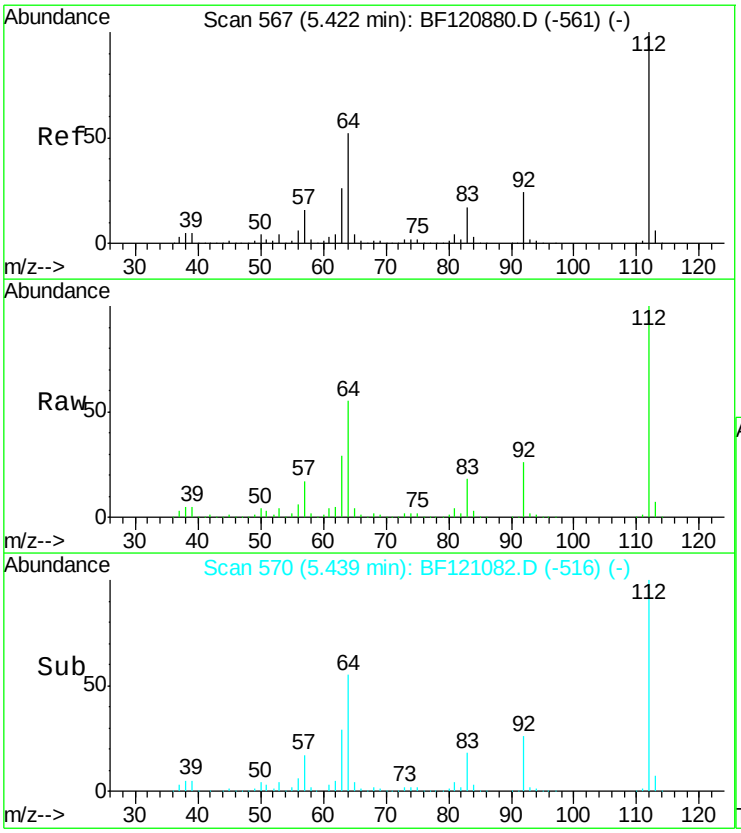
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF121082.D
Acq: 28 Jul 2020 21:54

Instrument :
BNA_F
ClientSampleId :
20200443-3002C

Tgt Ion:152 Resp: 156163

Ion	Ratio	Lower	Upper
152	100		
150	161.0	125.0	187.6
115	61.3	47.0	70.4

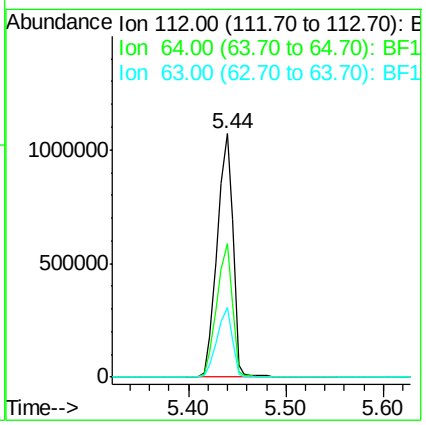


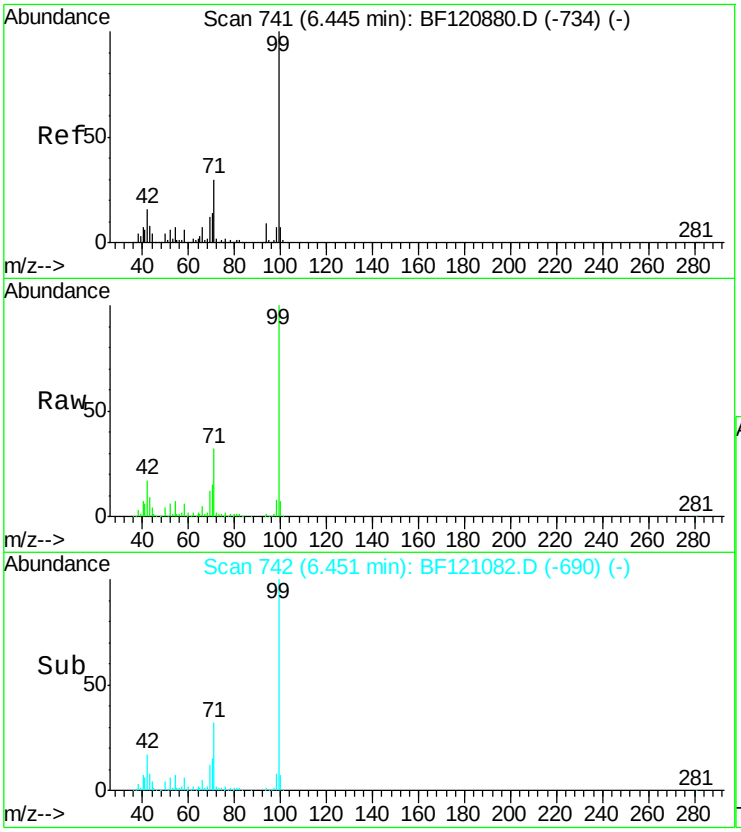


#5
2-Fluorophenol
Concen: 127.254 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.02 min
Lab File: BF121082.D
Acq: 28 Jul 2020 21:54

Tgt Ion:112 Resp: 1212204

Ion	Ratio	Lower	Upper
112	100		
64	54.9	41.3	61.9
63	28.6	21.1	31.7



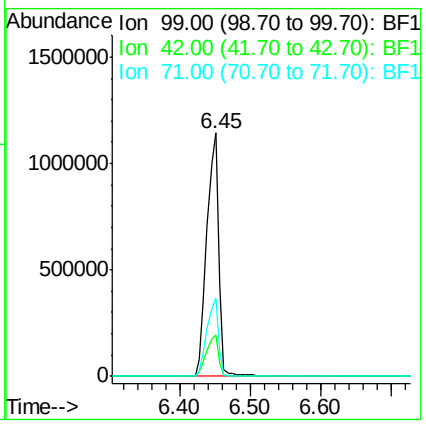


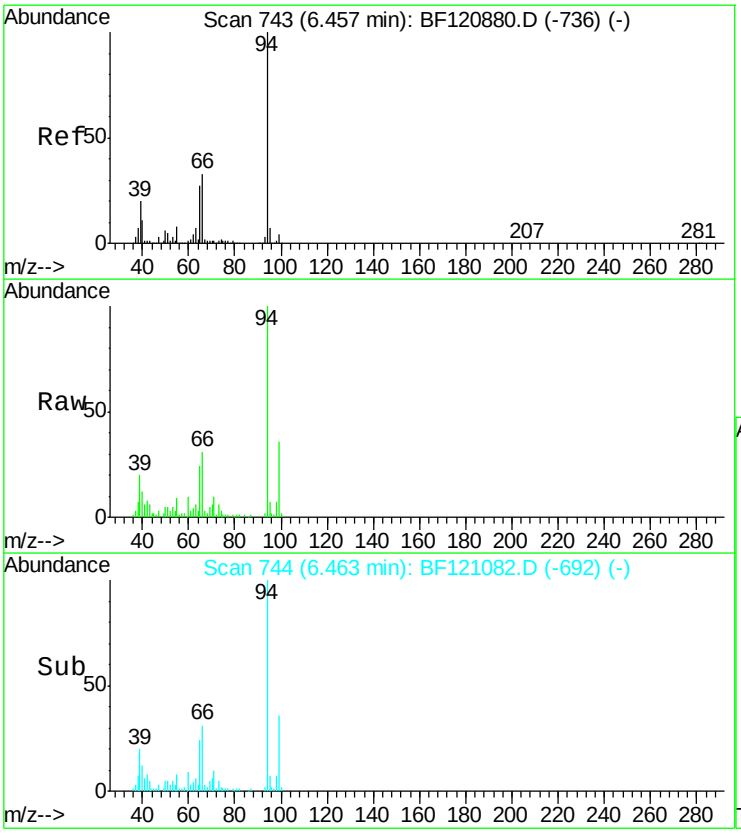
#7
Phenol-d6
Concen: 111.359 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.01 min
Lab File: BF121082.D
Acq: 28 Jul 2020 21:54

Instrument :
BNA_F
ClientSampleId :
20200443-3002C

Tgt Ion: 99 Resp: 1370267

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.1	19.7
71	32.3	24.2	36.4

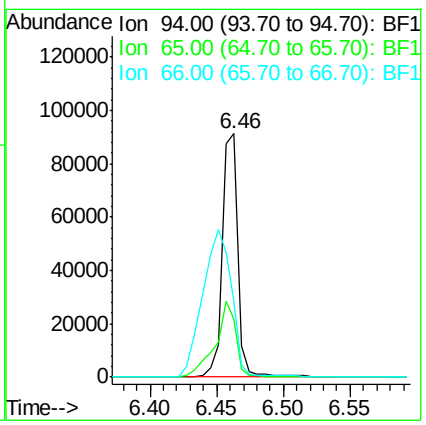


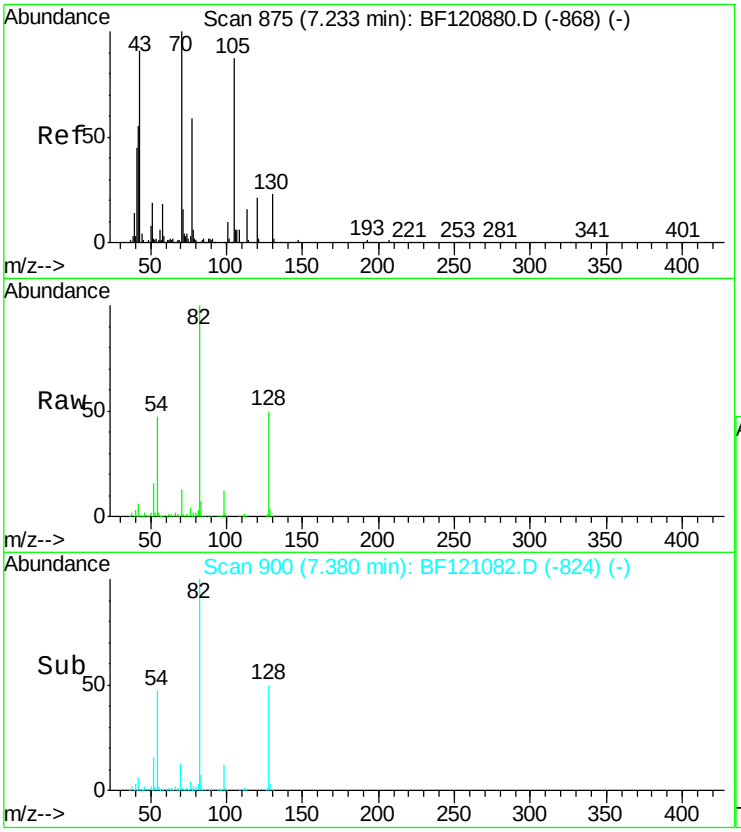


#10
Phenol
Concen: 5.585 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.01 min
Lab File: BF121082.D
Acq: 28 Jul 2020 21:54

Tgt Ion: 94 Resp: 75603

Ion	Ratio	Lower	Upper
94	100		
65	23.9	6.6	46.6
66	31.4	13.2	53.2



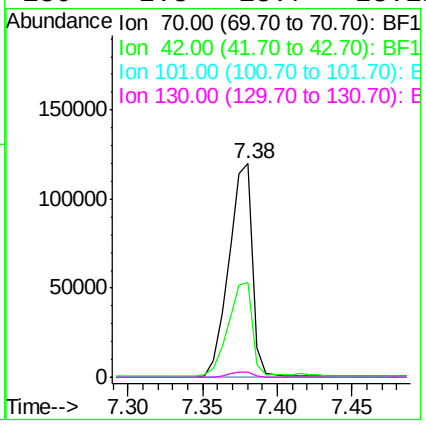


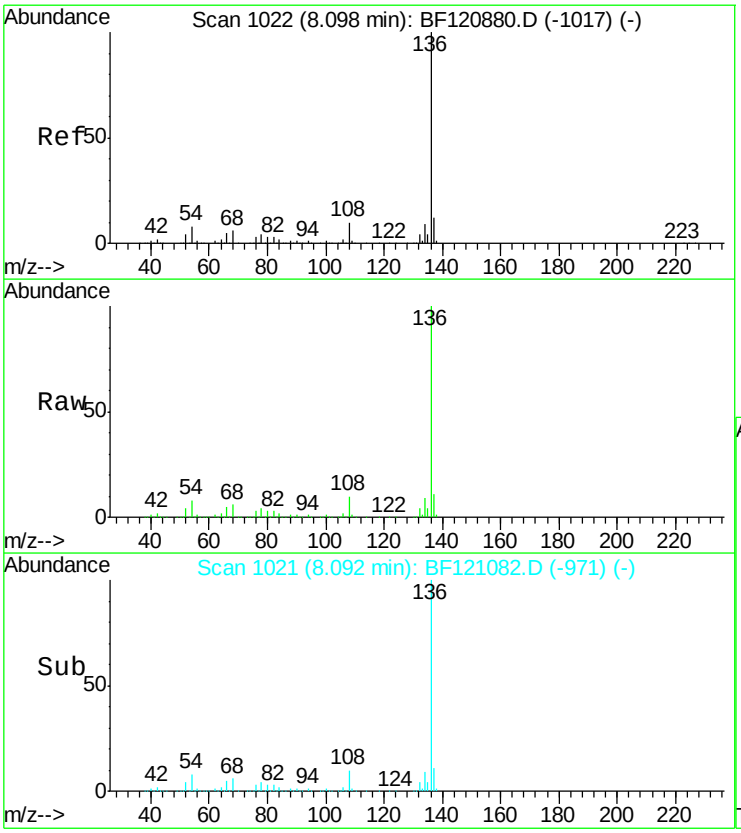
#19
n-Nitroso-di-n-propylamine
Concen: 19.211 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.15 min
Lab File: BF121082.D
Acq: 28 Jul 2020 21:54

Instrument :
BNA_F
ClientSampleId :
20200443-3002C

Tgt Ion: 70 Resp: 134423

Ion	Ratio	Lower	Upper
70	100		
42	44.4	44.0	66.0
101	0.0	7.8	11.6#
130	2.3	18.7	28.1#

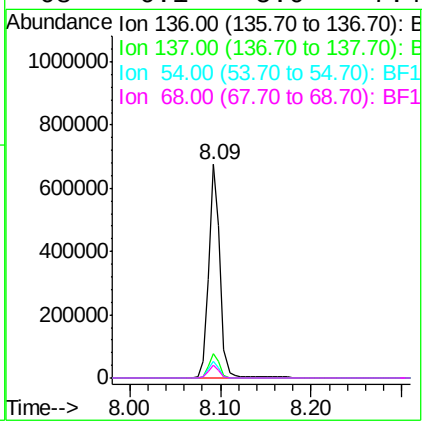


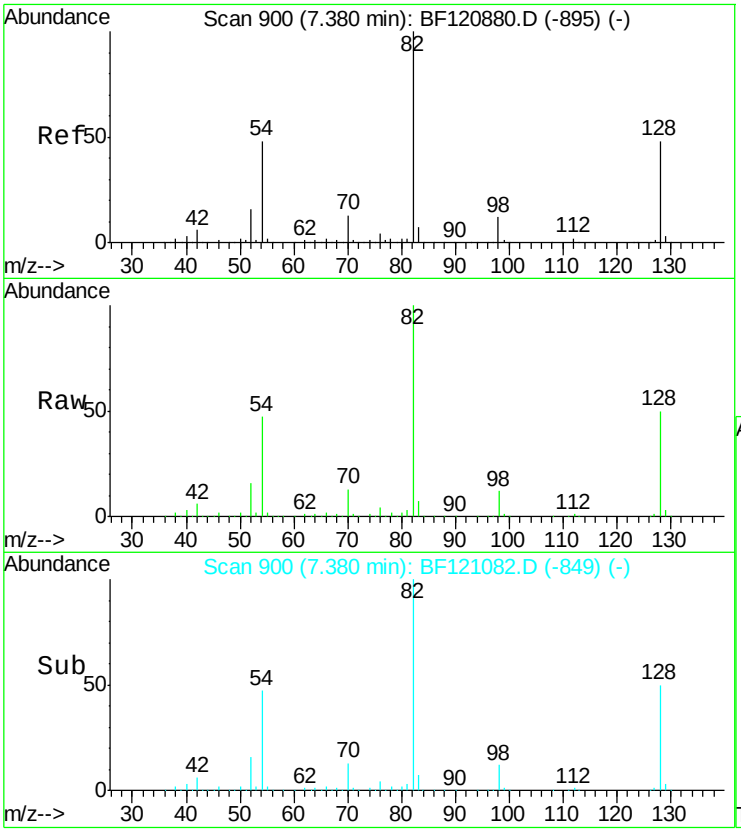


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF121082.D
Acq: 28 Jul 2020 21:54

Tgt Ion:136 Resp: 596936

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	7.6	6.3	9.5
68	6.1	5.0	7.4



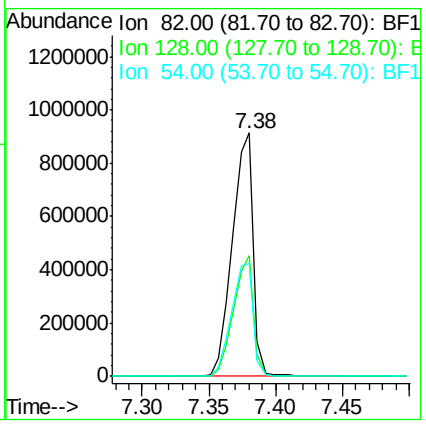


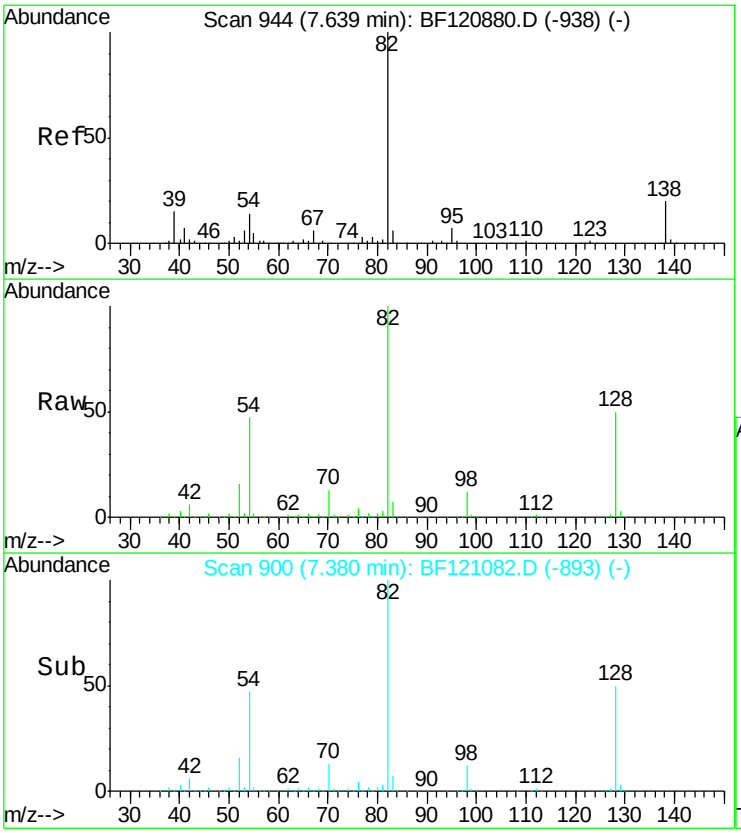
#23
Nitrobenzene-d5
Concen: 97.722 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF121082.D
Acq: 28 Jul 2020 21:54

Instrument :
BNA_F
ClientSampleId :
20200443-3002C

Tgt Ion: 82 Resp: 1008138

Ion	Ratio	Lower	Upper
82	100		
128	49.6	38.2	57.4
54	46.6	38.7	58.1

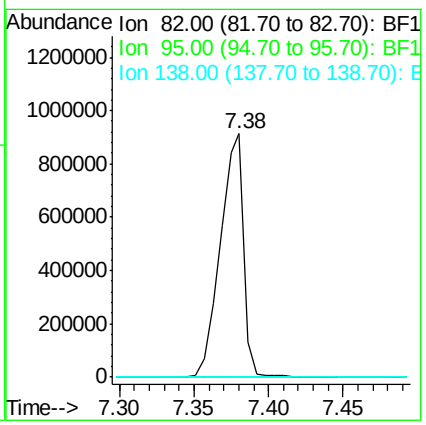


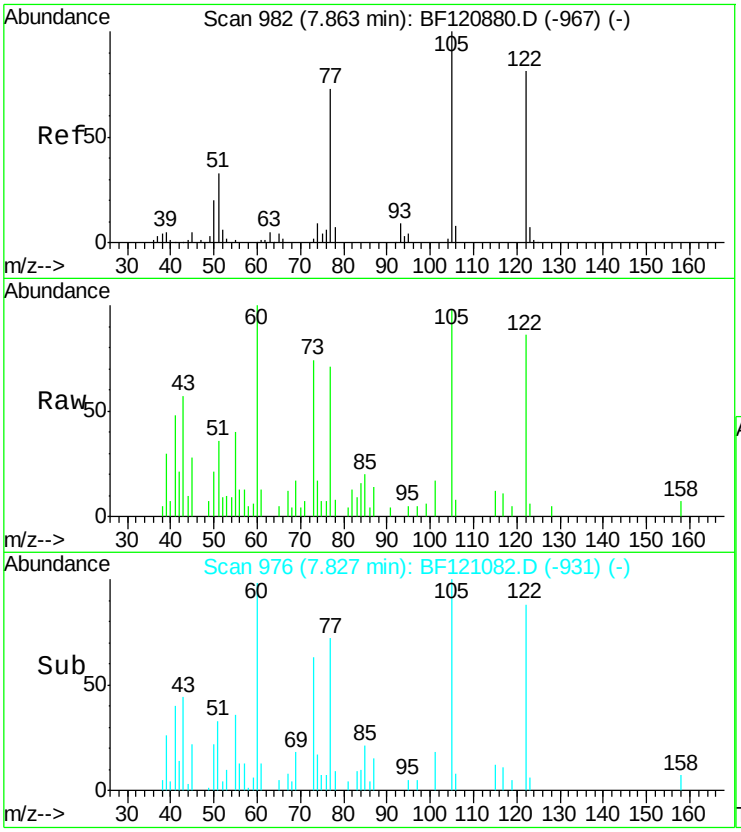


#25
Isophorone
Concen: 48.862 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.26 min
Lab File: BF121082.D
Acq: 28 Jul 2020 21:54

Tgt Ion: 82 Resp: 1006026

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.5	8.3#
138	0.0	15.6	23.4#



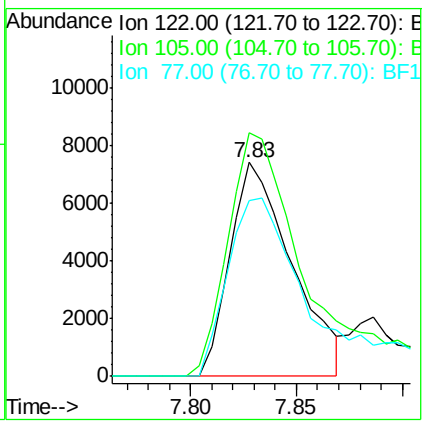


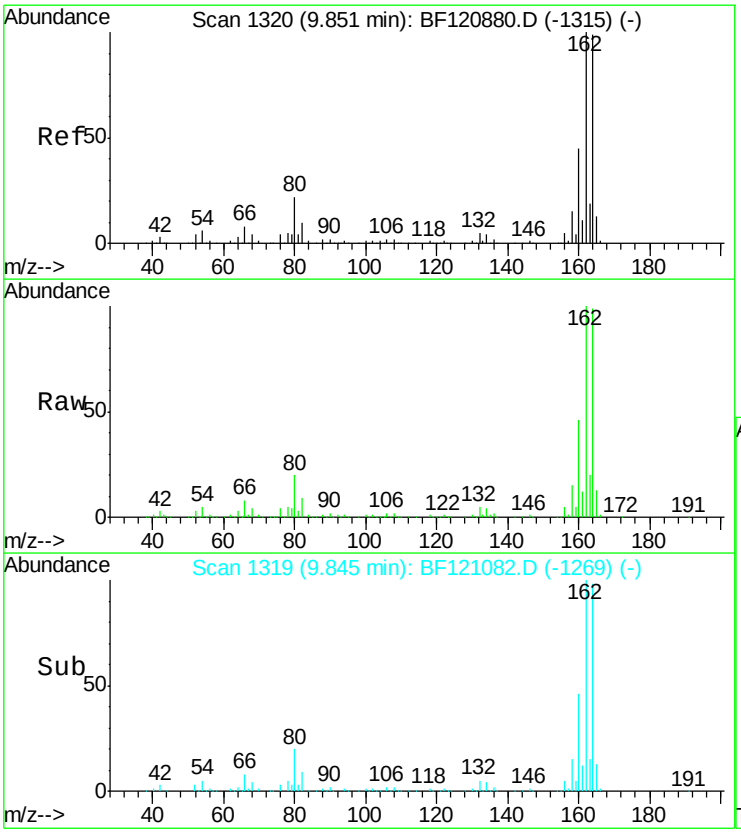
#32
Benzoic acid
Concen: 2.343 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.04 min
Lab File: BF121082.D
Acq: 28 Jul 2020 21:54

Instrument :
BNA_F
ClientSampleId :
20200443-3002C

Tgt Ion:122 Resp: 15078

Ion	Ratio	Lower	Upper
122	100		
105	114.0	101.3	141.3
77	82.2	69.1	109.1

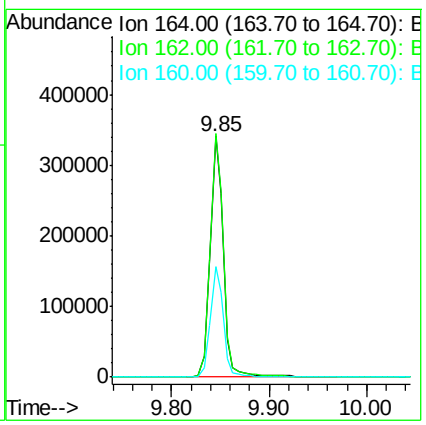


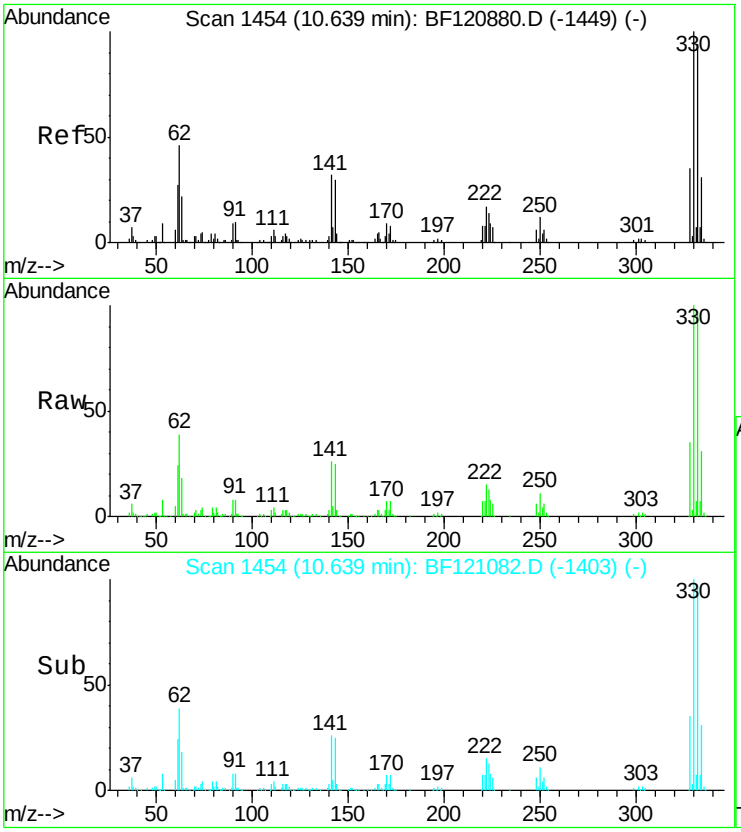


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF121082.D
Acq: 28 Jul 2020 21:54

Tgt Ion:164 Resp: 319131

Ion	Ratio	Lower	Upper
164	100		
162	101.2	81.2	121.8
160	46.2	36.9	55.3



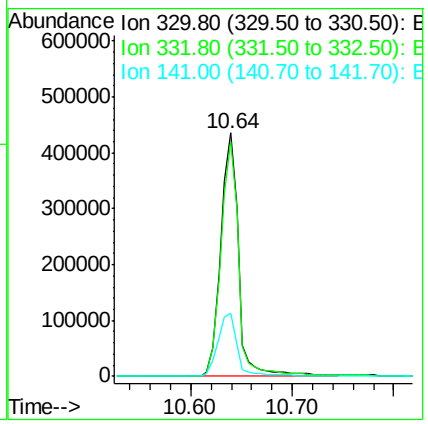


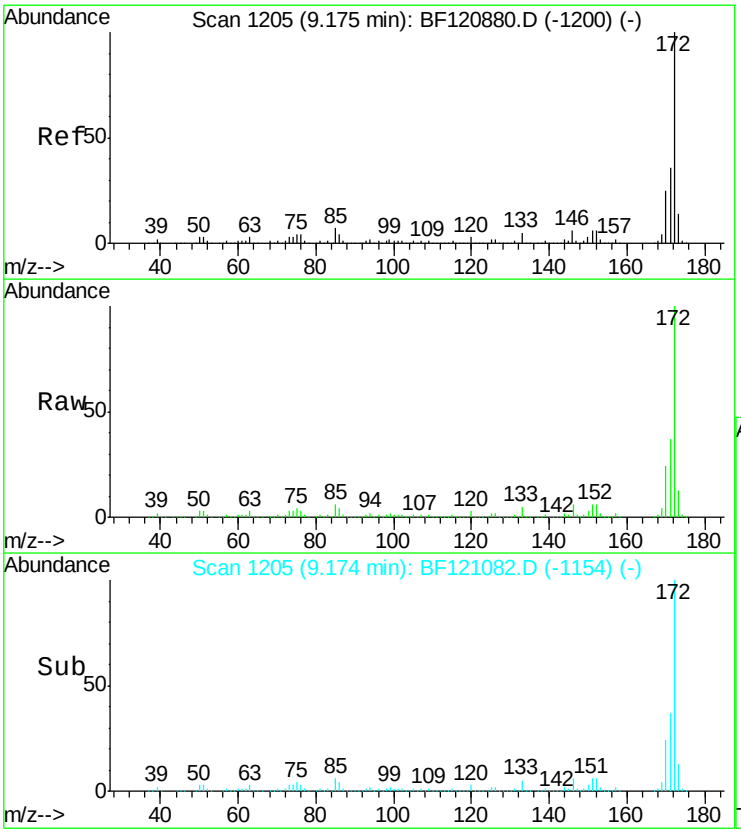
#42
2,4,6-Tribromophenol
Concen: 152.360 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.00 min
Lab File: BF121082.D
Acq: 28 Jul 2020 21:54

Instrument :
BNA_F
ClientSampleId :
20200443-3002C

Tgt Ion:330 Resp: 532225

Ion	Ratio	Lower	Upper
330	100		
332	98.0	75.5	113.3
141	29.1	25.7	38.5

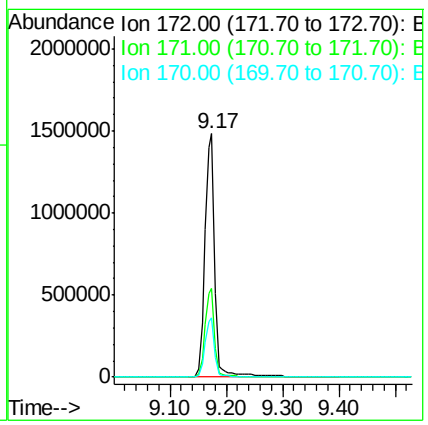


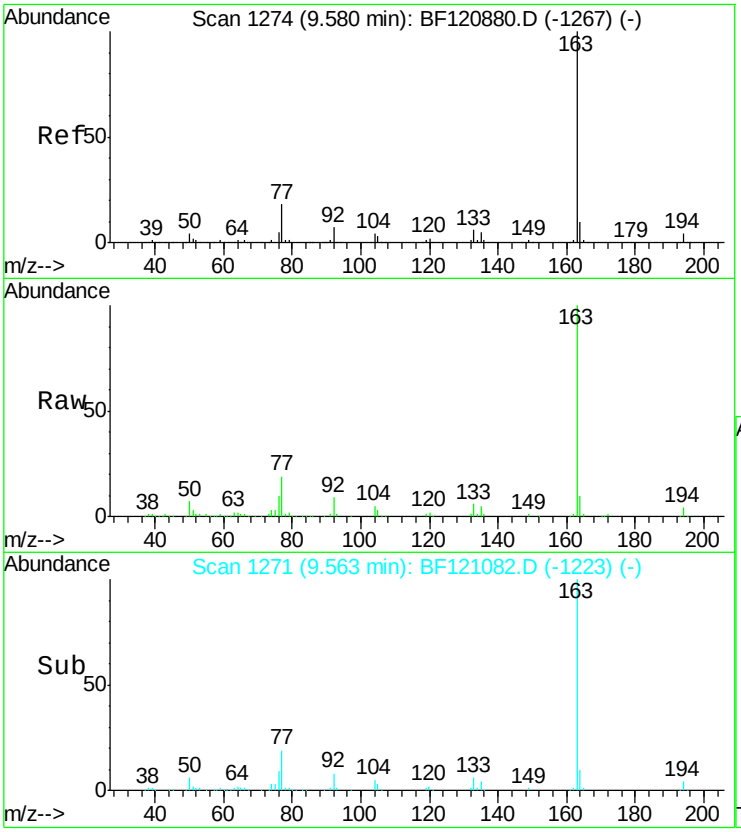


#45
2-Fluorobiphenyl
Concen: 84.578 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BF121082.D
Acq: 28 Jul 2020 21:54

Tgt Ion:172 Resp: 1807805

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.0	43.4
170	24.4	19.6	29.4



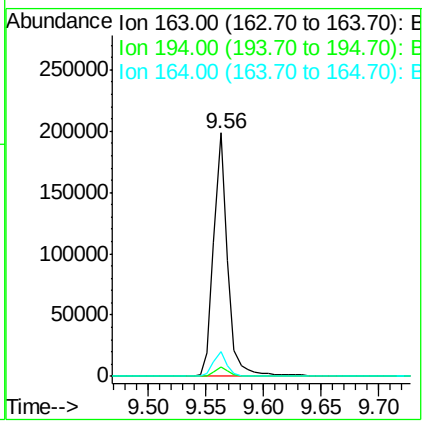


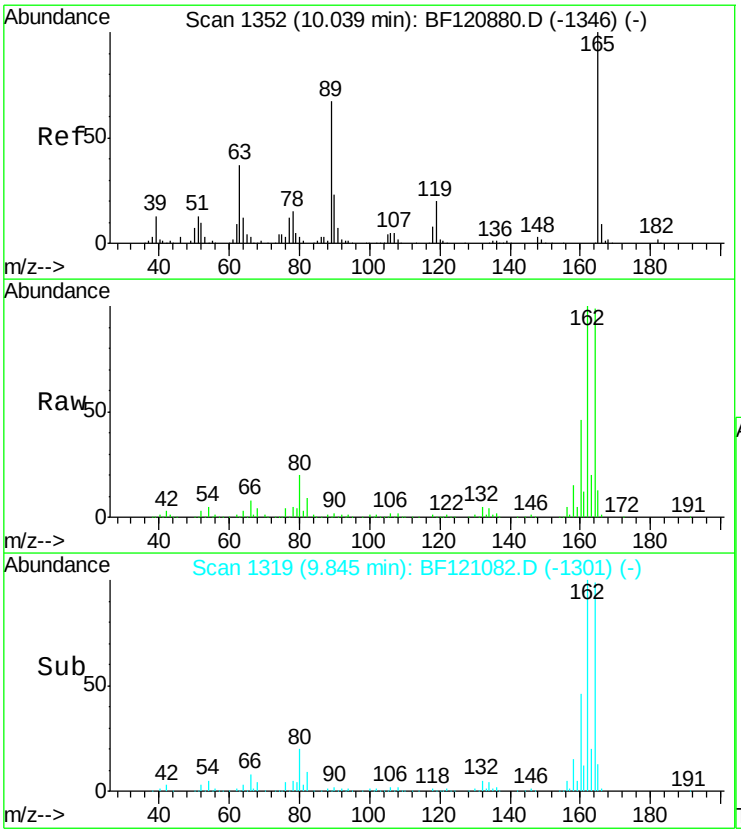
#50
Dimethylphthalate
Concen: 7.317 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF121082.D
Acq: 28 Jul 2020 21:54

Instrument :
BNA_F
ClientSampleId :
20200443-3002C

Tgt Ion:163 Resp: 168452

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	10.2	7.9	11.9

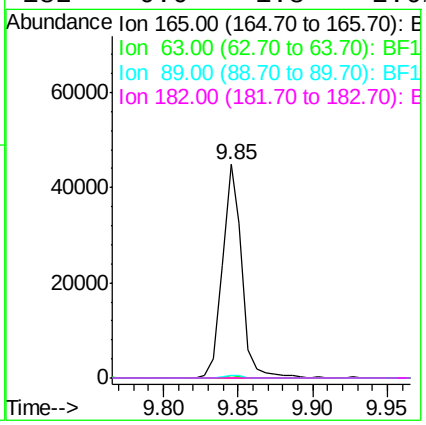


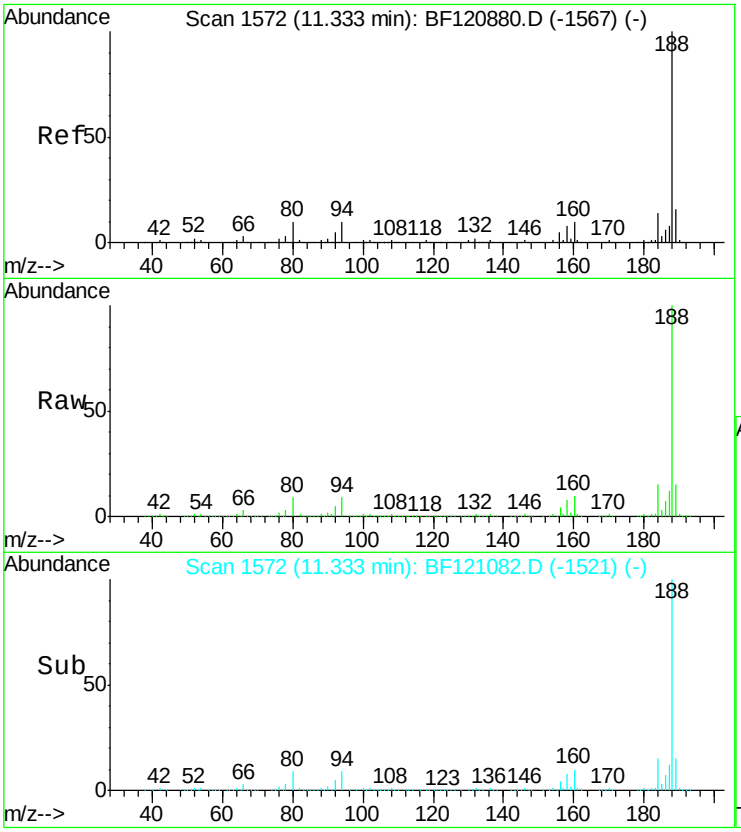


#57
2,4-Dinitrotoluene
Concen: 6.356 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.19 min
Lab File: BF121082.D
Acq: 28 Jul 2020 21:54

Tgt Ion:165 Resp: 41288

Ion	Ratio	Lower	Upper
165	100		
63	1.4	29.4	44.2#
89	1.1	53.4	80.0#
182	0.0	1.8	2.6#



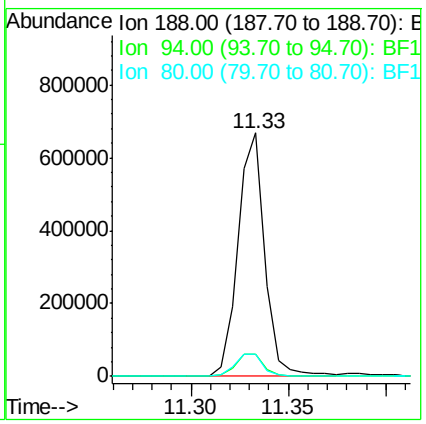


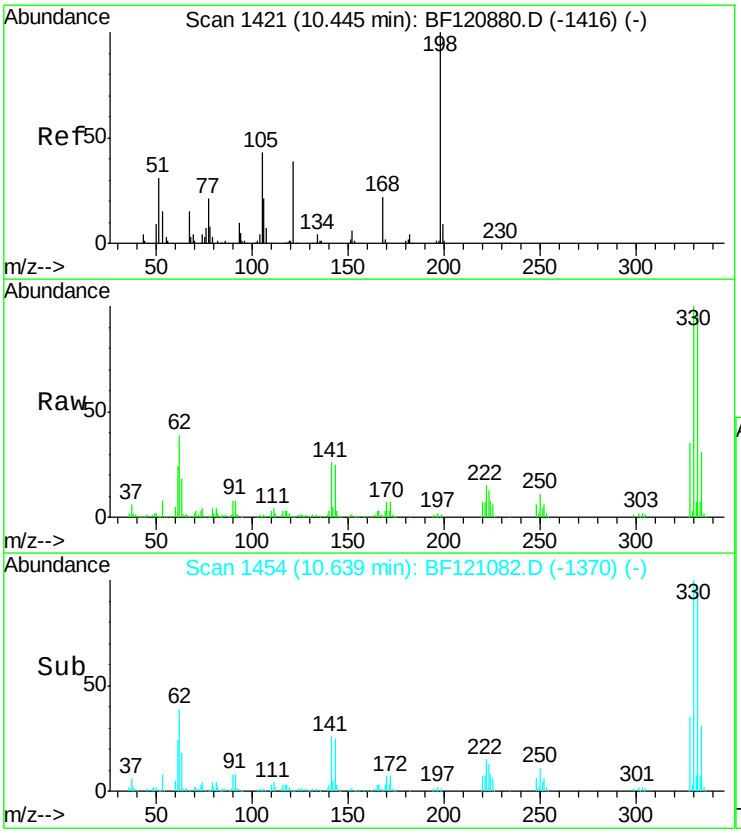
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF121082.D
Acq: 28 Jul 2020 21:54

Instrument :
BNA_F
ClientSampleId :
20200443-3002C

Tgt Ion:188 Resp: 635977

Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.0	12.0
80	9.1	8.3	12.5

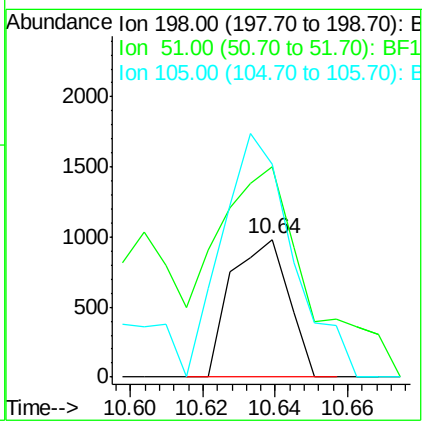


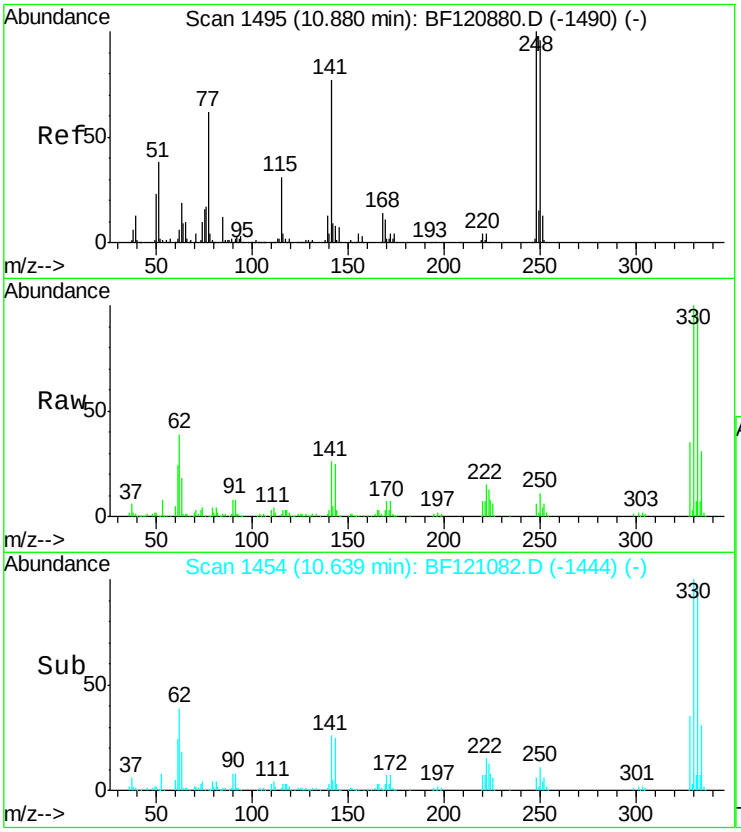


#65
4,6-Dinitro-2-methylphenol
Concen: 4.111 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.19 min
Lab File: BF121082.D
Acq: 28 Jul 2020 21:54

Tgt Ion:198 Resp: 1075

Ion	Ratio	Lower	Upper
198	100		
51	153.0	19.5	59.5#
105	154.6	24.4	64.4#



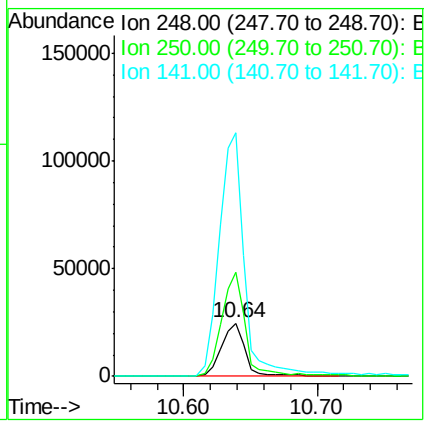


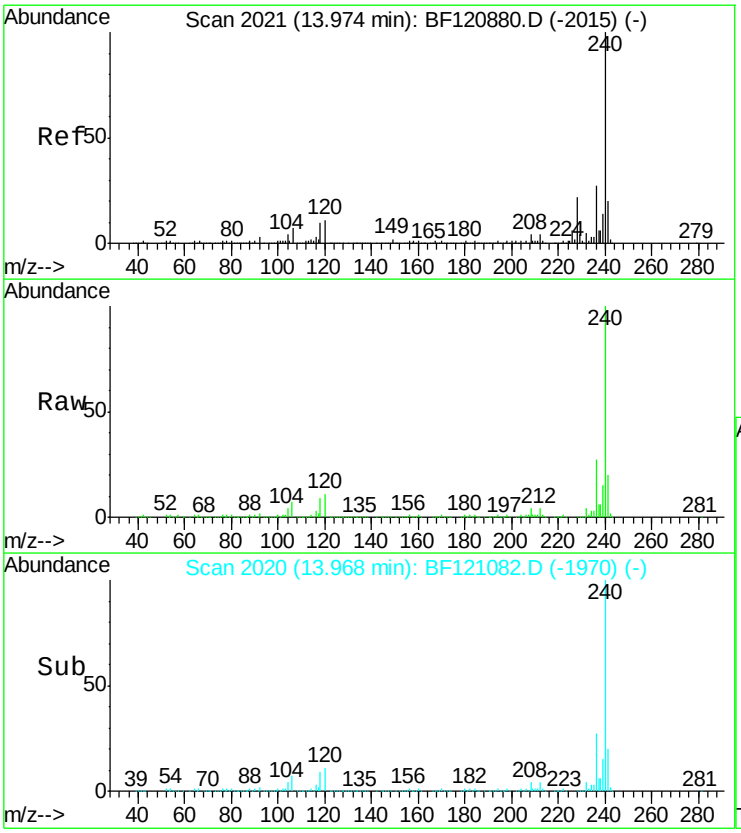
#67
4-Bromophenyl-phenylether
Concen: 4.322 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF121082.D
Acq: 28 Jul 2020 21:54

Instrument :
BNA_F
ClientSampleId :
20200443-3002C

Tgt Ion:248 Resp: 30649

Ion	Ratio	Lower	Upper
248	100		
250	194.8	77.1	115.7#
141	457.6	61.2	91.8#

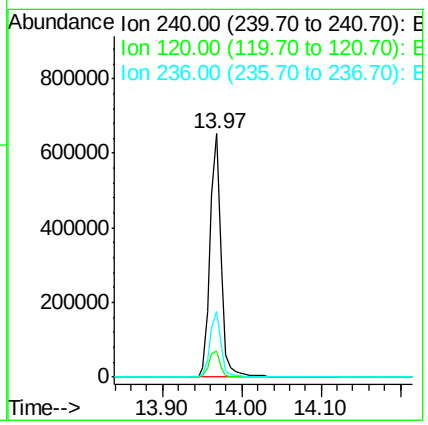


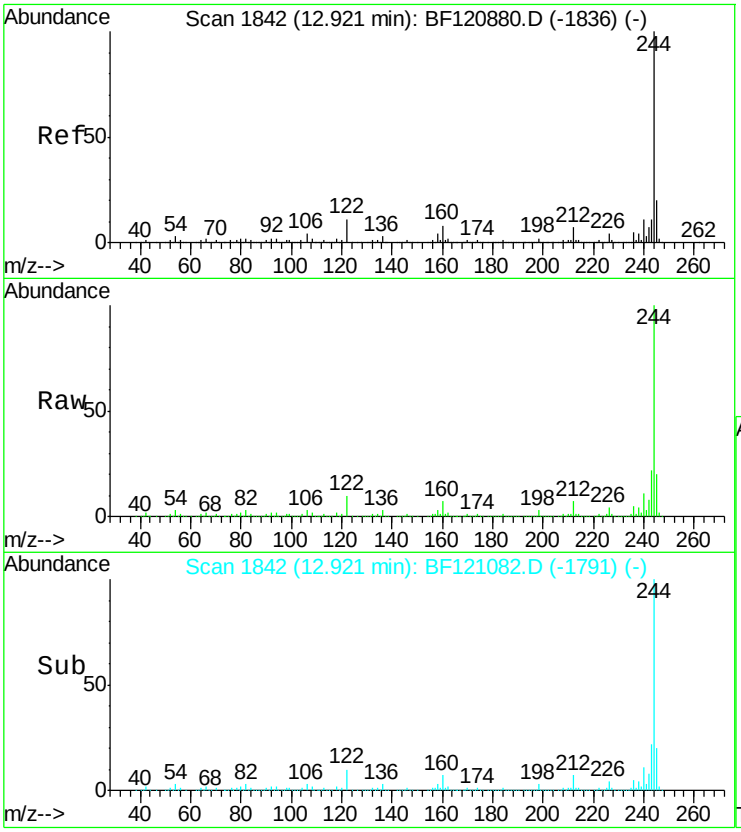


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF121082.D
Acq: 28 Jul 2020 21:54

Tgt Ion:240 Resp: 630796

Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.0	13.4
236	27.0	21.7	32.5



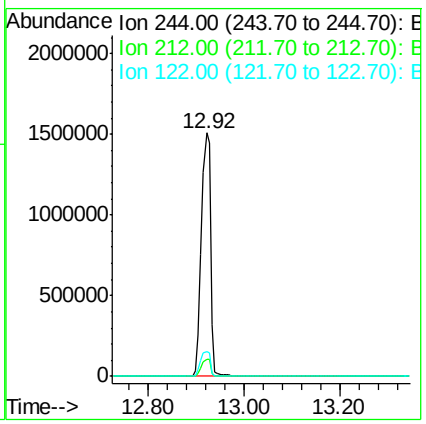


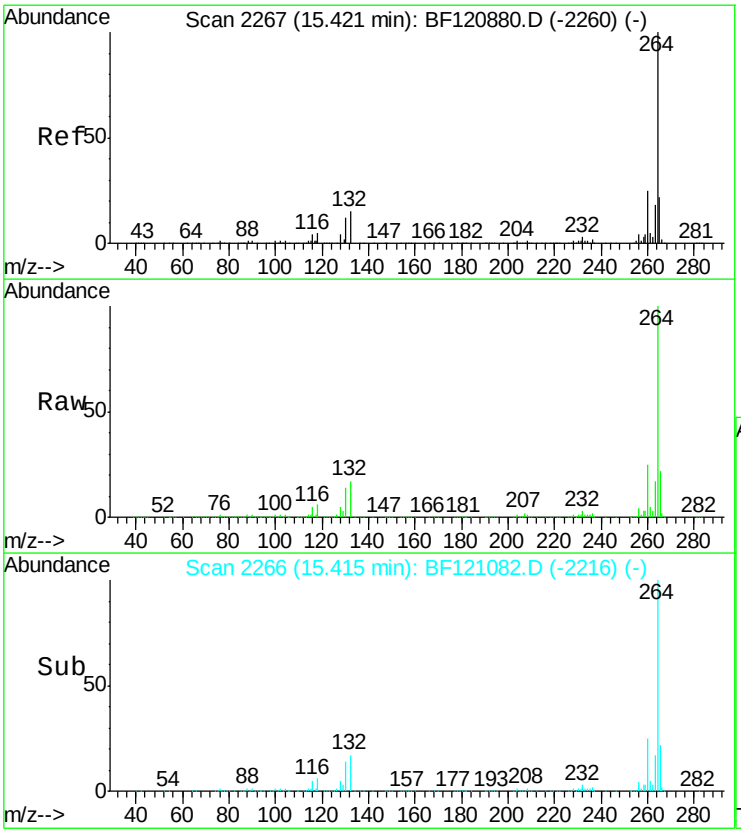
#79
Terphenyl-d14
Concen: 70.001 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BF121082.D
Acq: 28 Jul 2020 21:54

Instrument :
BNA_F
ClientSampleId :
20200443-3002C

Tgt Ion:244 Resp: 2031324

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	10.2	8.9	13.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF121082.D
Acq: 28 Jul 2020 21:54

Tgt Ion:264 Resp: 648632

Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.0	30.0
265	21.9	17.4	26.2