Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
Data File : BF120016.D
Acq On : 16 Apr 2020 2:25
Operator : MA/SJ
Sample : PB128243BL
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB128243BL

Quant Time: Apr 16 04:27:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 15 11:01:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	164893	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	636148	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	337916	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	680972	20.00	ng	0.00
76) Chrysene-d12	13.89	240	520613	20.00	ng	-0.01
87) Perylene-d12	15.31	264	399702	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1033566	108.32	ng	0.01
7) Phenol-d6	6.36	99	1285338	104.55	ng	-0.01
23) Nitrobenzene-d5	7.29	82	1150999	93.60	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	283209	68.45	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	2225906	93.52	ng	0.00
79) Terphenyl-d14	12.85	244	2608756	84.32	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.36	77	1761	Below Cal	#	1
15) Benzyl Alcohol	6.88	79	19269	2.018	ng	# 49
19) n-Nitroso-di-n-propylamine	7.29	70	153296	19.390	ng	# 72
25) Isophorone	7.29	82	1146891	48.383	ng	# 65
50) Dimethylphthalate	9.76	163	76530	2.928	ng	# 1
51) 2,6-Dinitrotoluene	9.76	165	42352	7.399	ng	# 19
57) 2,4-Dinitrotoluene	9.76	165	42352	5.616	ng	# 22
67) 4-Bromophenyl-phenylether	10.55	248	17818	2.104	ng	# 1

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

Quantitation Report (Not Reviewed)

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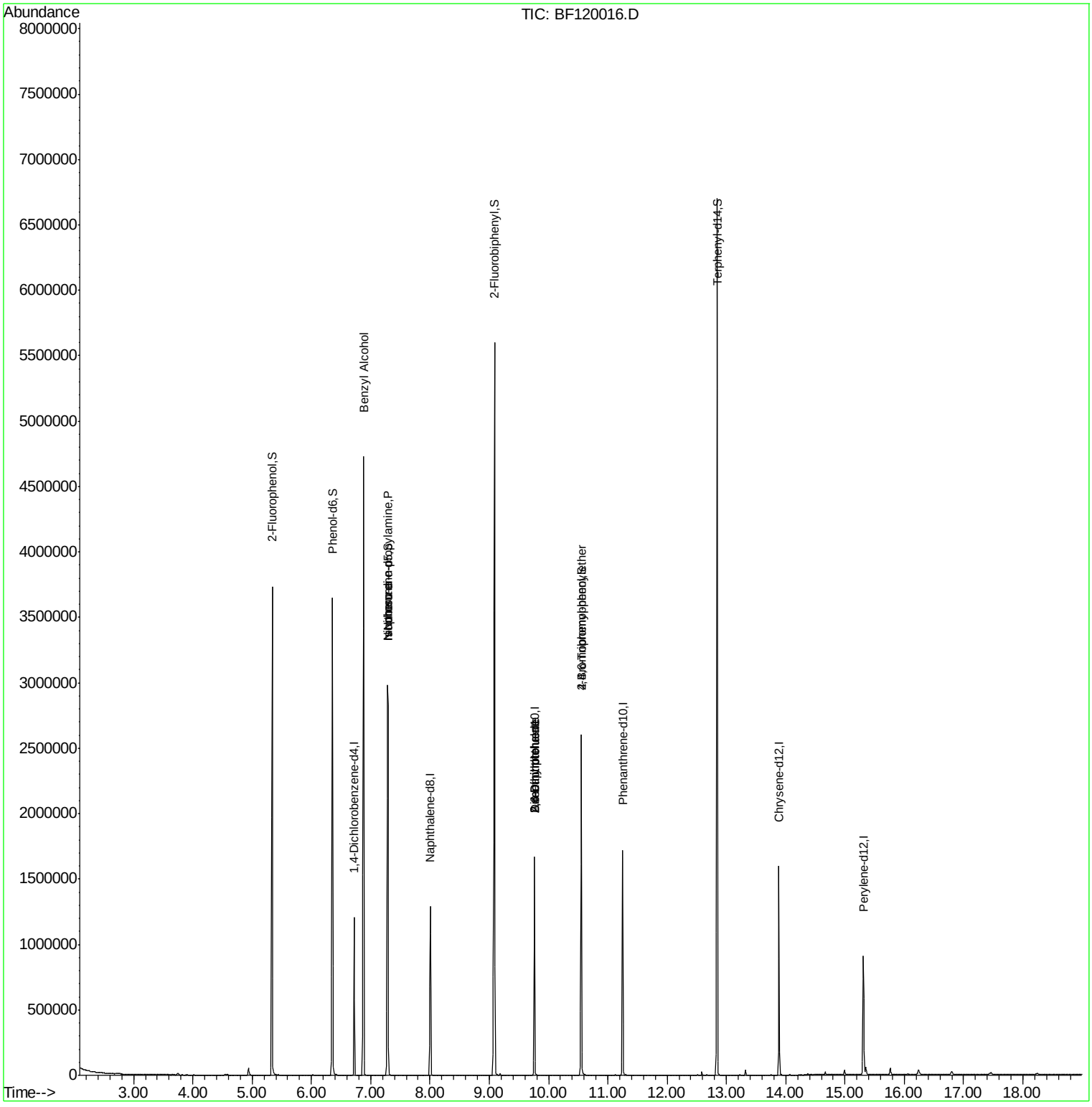
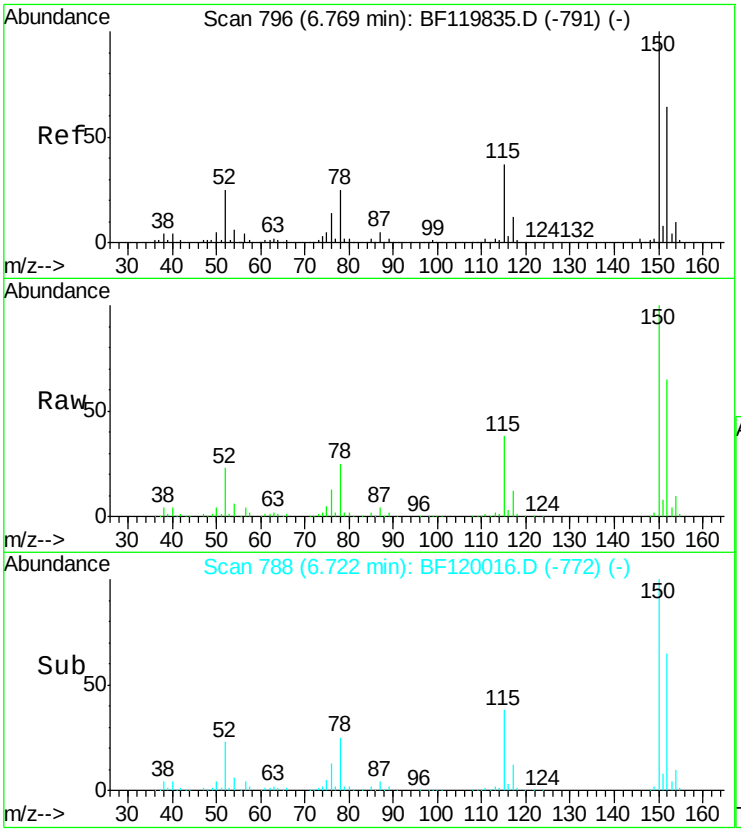


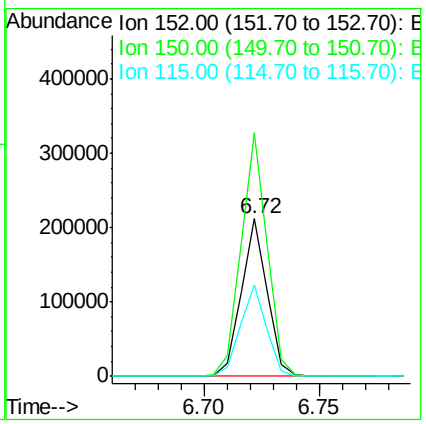


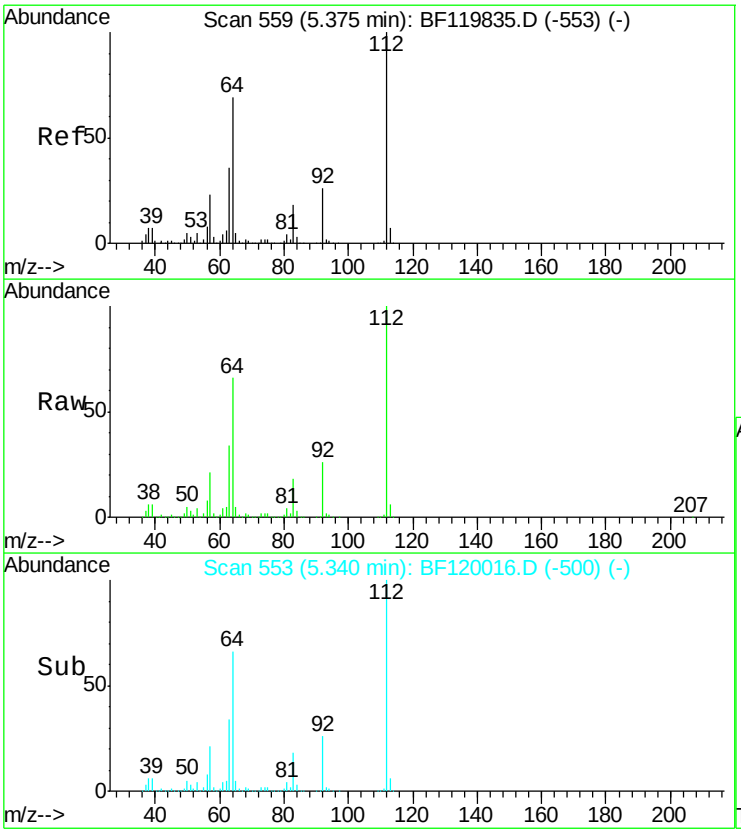
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF120016.D
Acq: 16 Apr 2020 2:25

Instrument :
BNA_F
ClientSampleId :
PB128243BL

Tgt Ion:152 Resp: 164893

Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.8	187.2
115	58.1	46.5	69.7

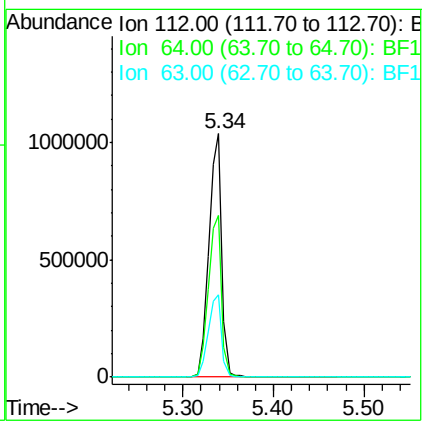


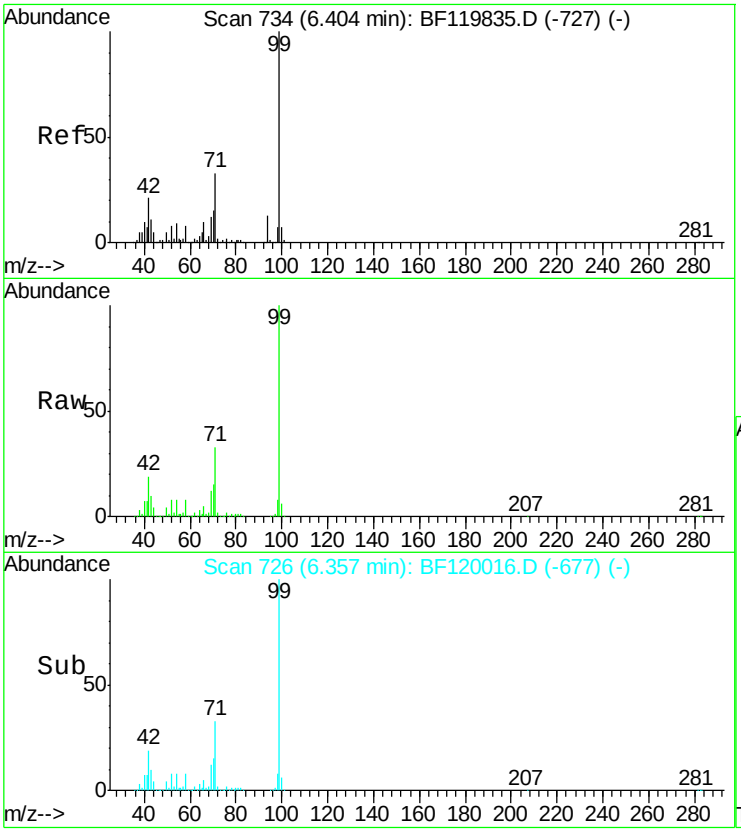


#5
2-Fluorophenol
Concen: 108.324 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF120016.D
Acq: 16 Apr 2020 2:25

Tgt Ion:112 Resp: 1033566

Ion	Ratio	Lower	Upper
112	100		
64	66.2	55.5	83.3
63	33.9	29.1	43.7



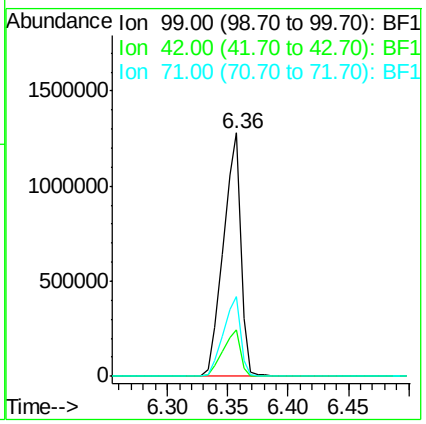


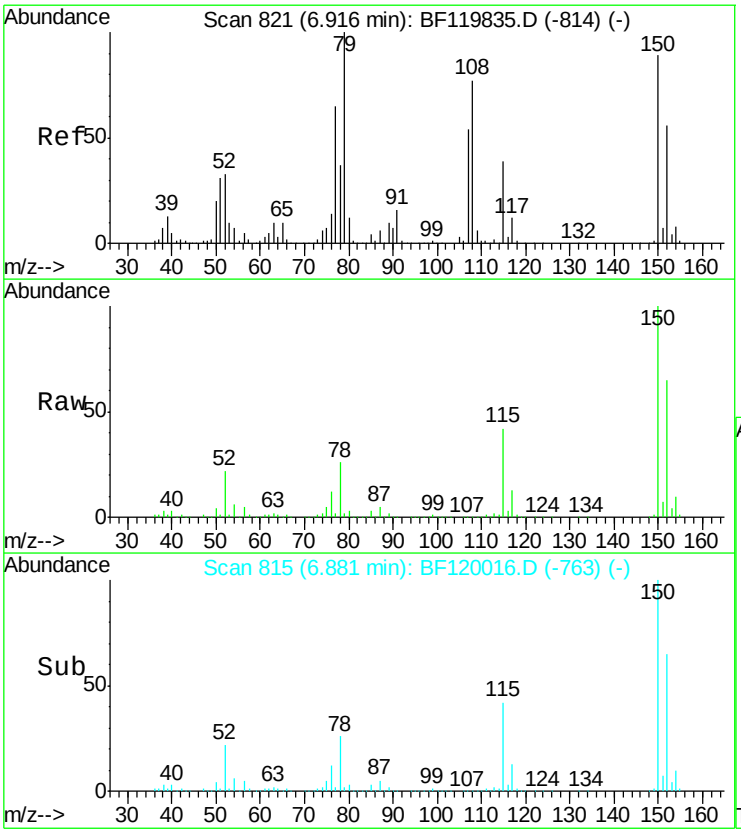
#7
Phenol-d6
Concen: 104.545 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF120016.D
Acq: 16 Apr 2020 2:25

Instrument :
BNA_F
ClientSampleId :
PB128243BL

Tgt Ion: 99 Resp: 1285338

Ion	Ratio	Lower	Upper
99	100		
42	19.1	16.9	25.3
71	32.8	26.3	39.5

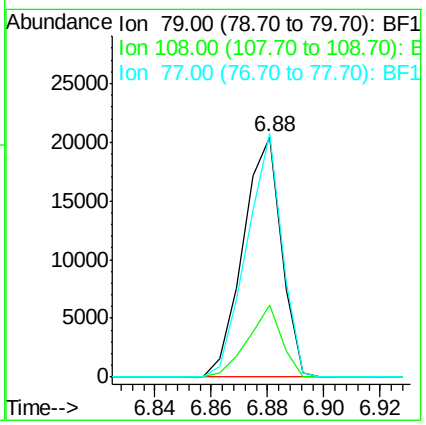


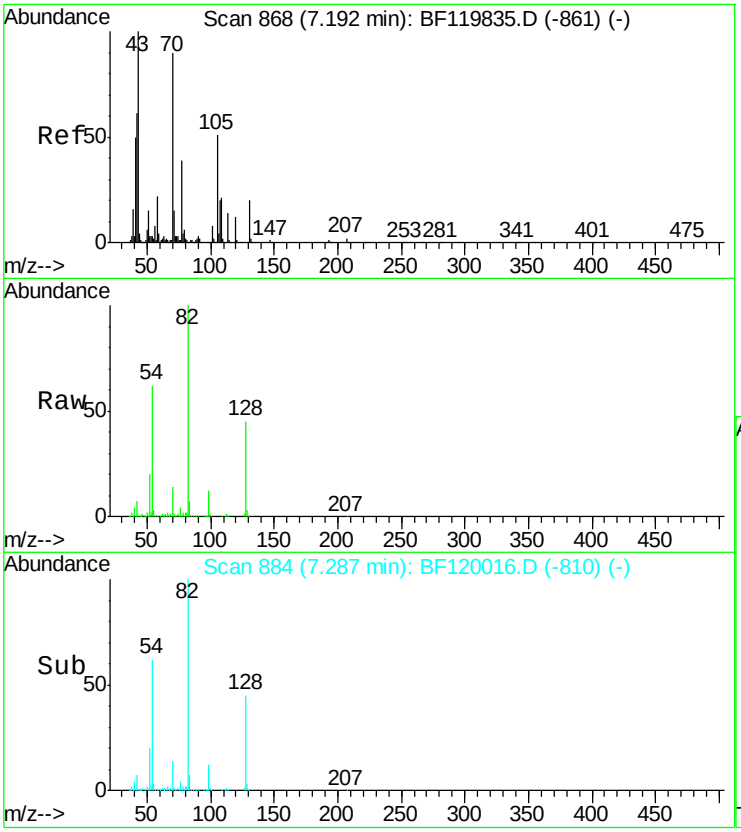


#15
Benzyl Alcohol
Concen: 2.018 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.01 min
Lab File: BF120016.D
Acq: 16 Apr 2020 2:25

Tgt Ion: 79 Resp: 19269

Ion	Ratio	Lower	Upper
79	100		
108	30.3	62.0	93.0#
77	101.5	51.8	77.6#



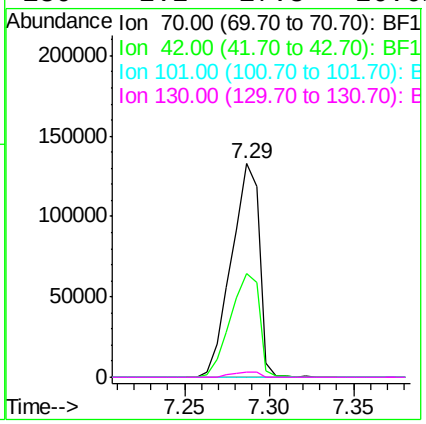


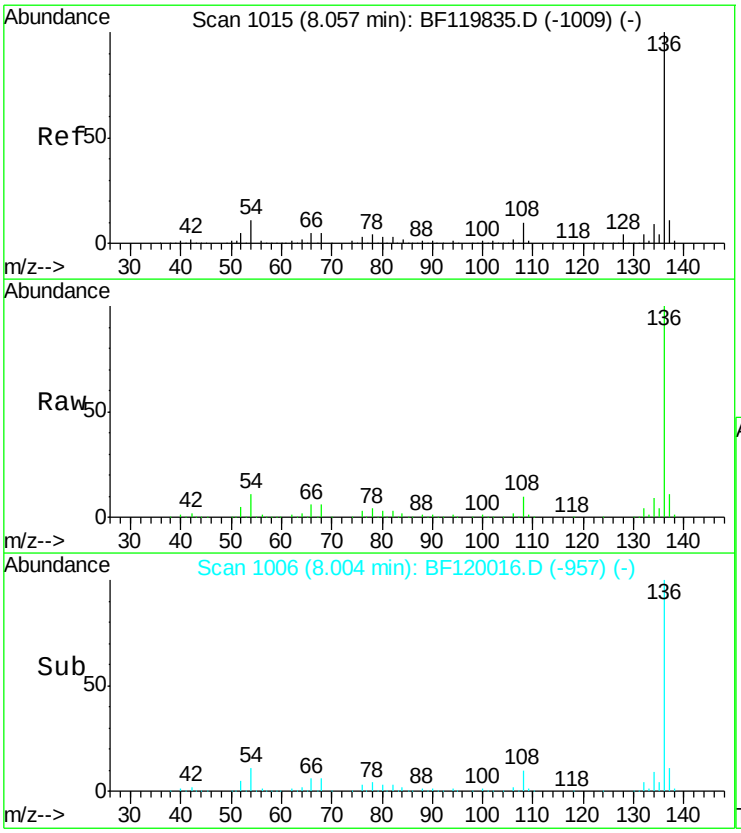
#19
n-Nitroso-di-n-propylamine
Concen: 19.390 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.14 min
Lab File: BF120016.D
Acq: 16 Apr 2020 2:25

Instrument :
BNA_F
ClientSampleId :
PB128243BL

Tgt Ion: 70 Resp: 153296

Ion	Ratio	Lower	Upper
70	100		
42	48.5	54.2	81.4#
101	0.0	7.4	11.2#
130	2.2	17.8	26.6#

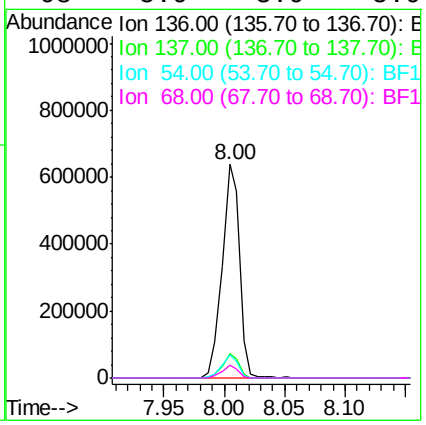


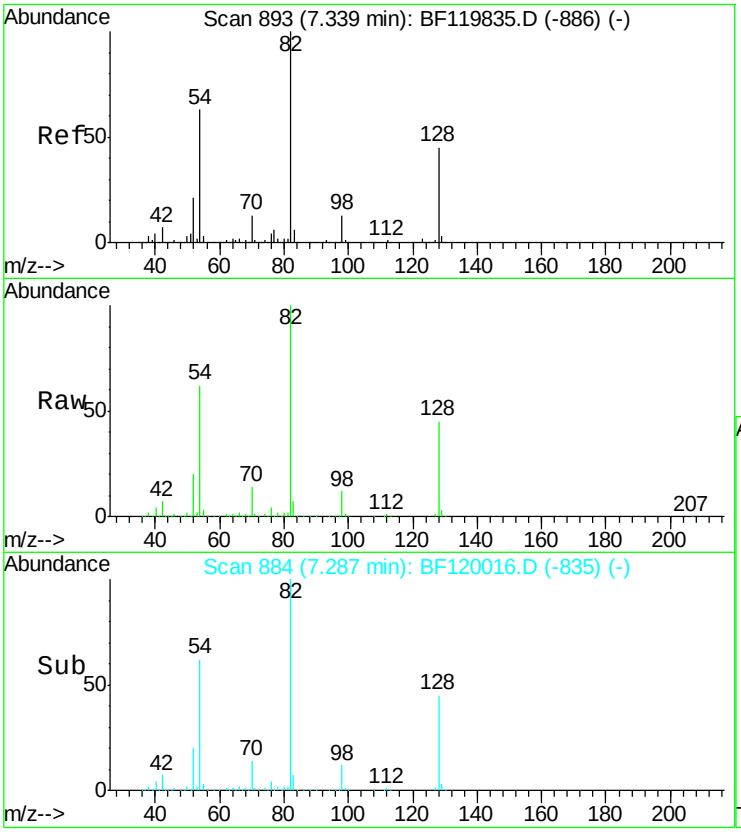


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF120016.D
Acq: 16 Apr 2020 2:25

Tgt Ion:136 Resp: 636148

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	10.6	8.5	12.7
68	5.9	3.9	5.9



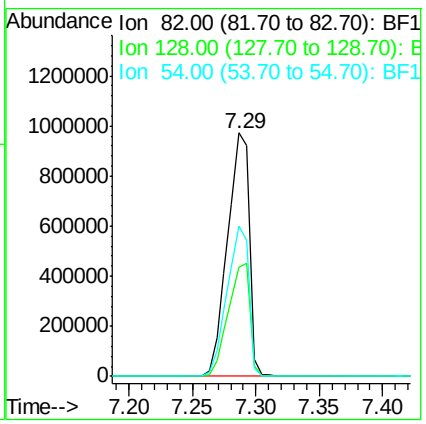


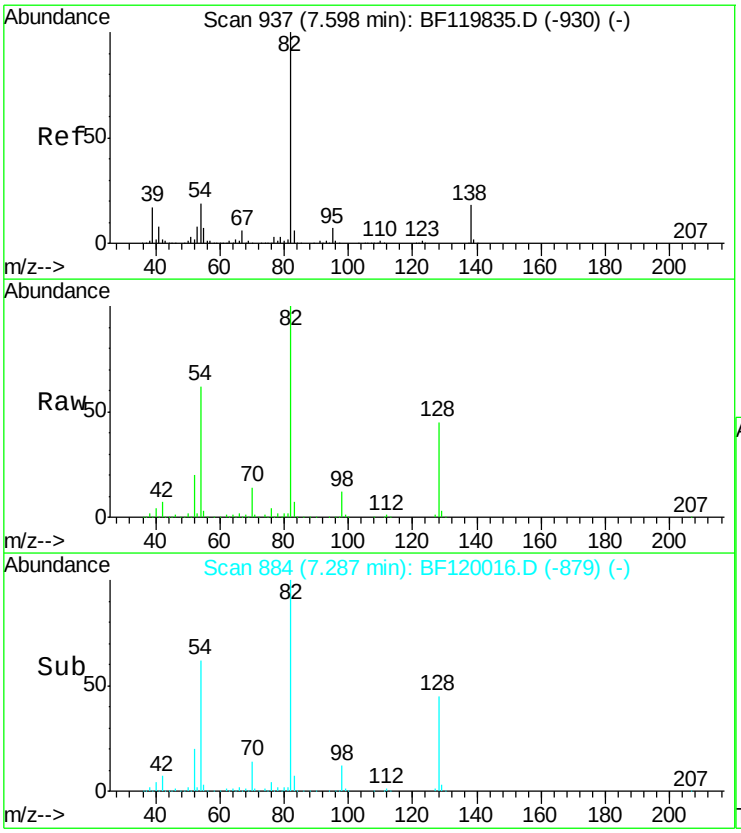
#23
Nitrobenzene-d5
Concen: 93.603 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF120016.D
Acq: 16 Apr 2020 2:25

Instrument :
BNA_F
ClientSampleId :
PB128243BL

Tgt Ion: 82 Resp: 1150999

Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.2	54.4
54	61.7	50.4	75.6

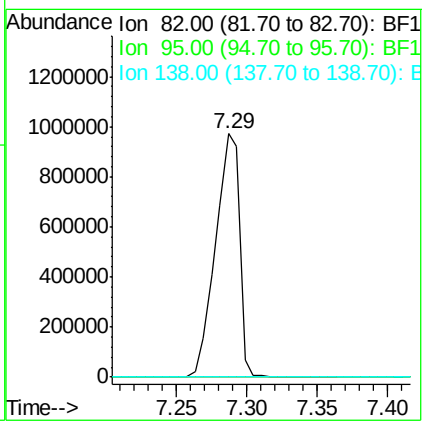


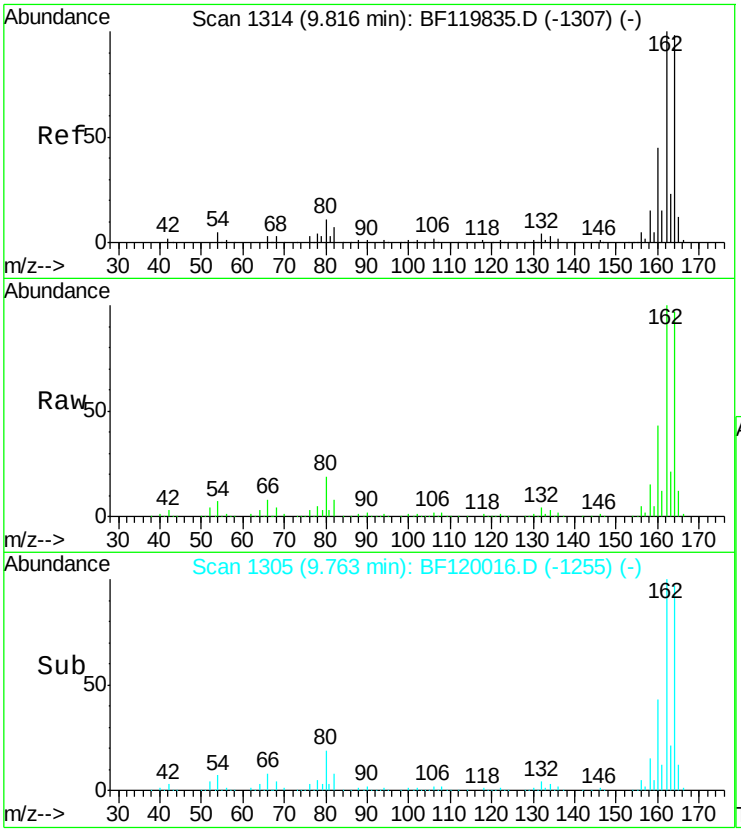


#25
Isophorone
Concen: 48.383 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.27 min
Lab File: BF120016.D
Acq: 16 Apr 2020 2:25

Tgt Ion: 82 Resp: 1146891

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	14.5	21.7#



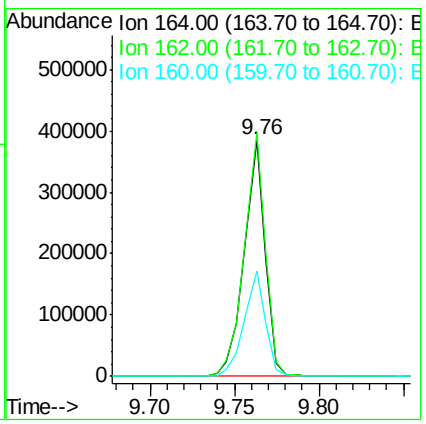


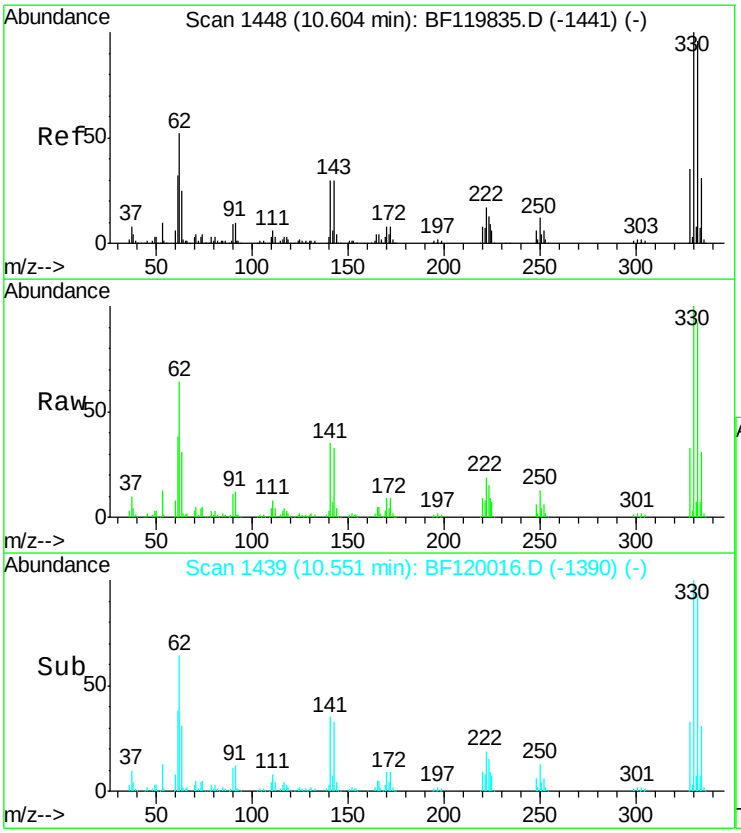
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF120016.D
Acq: 16 Apr 2020 2:25

Instrument :
BNA_F
ClientSampleId :
PB128243BL

Tgt Ion:164 Resp: 337916

Ion	Ratio	Lower	Upper
164	100		
162	103.1	81.9	122.9
160	44.6	36.6	54.8

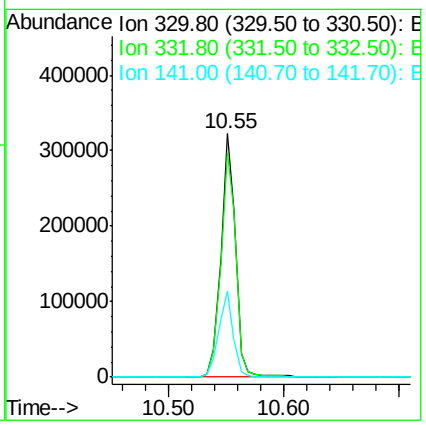


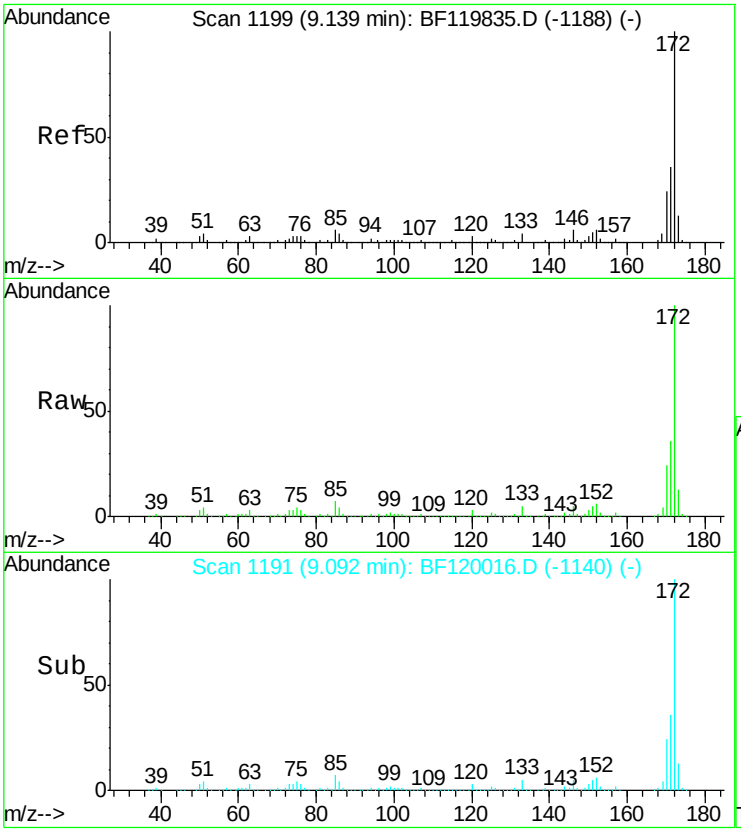


#42
2,4,6-Tribromophenol
Concen: 68.454 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF120016.D
Acq: 16 Apr 2020 2:25

Tgt Ion:330 Resp: 283209

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.8	115.2
141	35.3	25.1	37.7



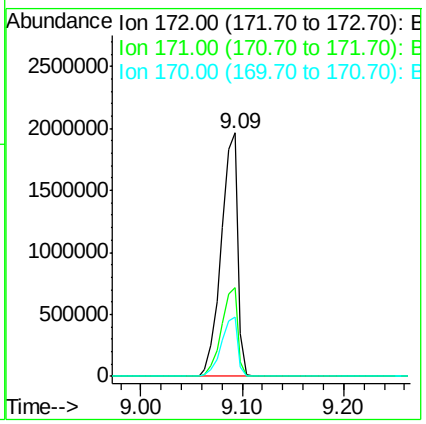


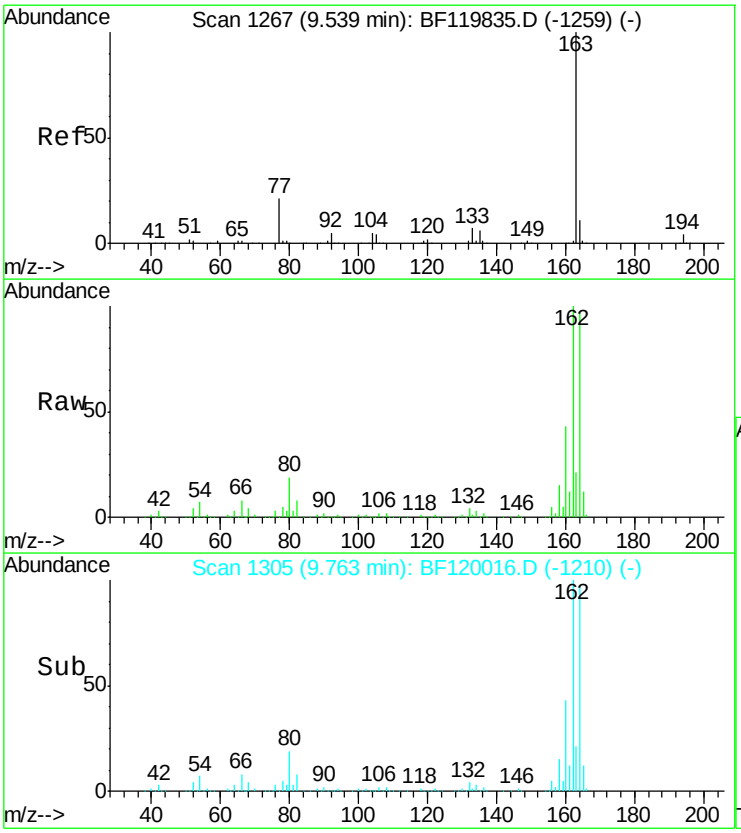
#45
2-Fluorobiphenyl
Concen: 93.523 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BF120016.D
Acq: 16 Apr 2020 2:25

Instrument :
BNA_F
ClientSampleId :
PB128243BL

Tgt Ion:172 Resp: 2225906

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.9	43.3
170	24.3	19.4	29.2

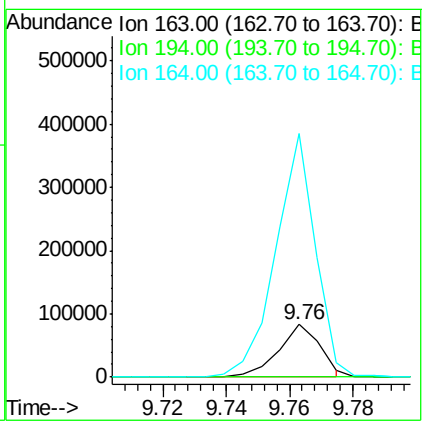


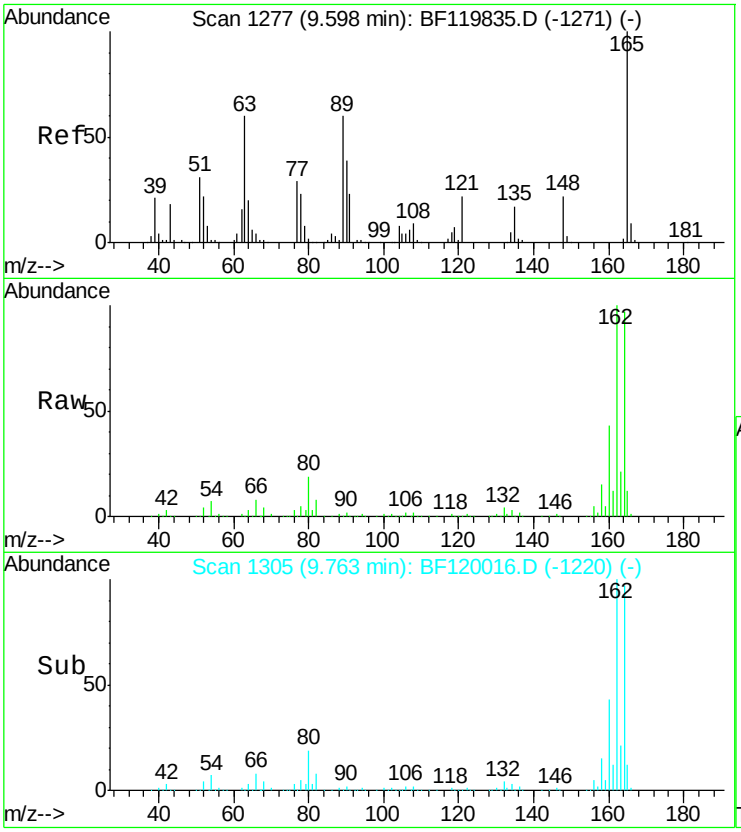


#50
Dimethylphthalate
Concen: 2.928 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.26 min
Lab File: BF120016.D
Acq: 16 Apr 2020 2:25

Tgt Ion:163 Resp: 76530

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.0	4.4#
164	462.5	8.4	12.6#



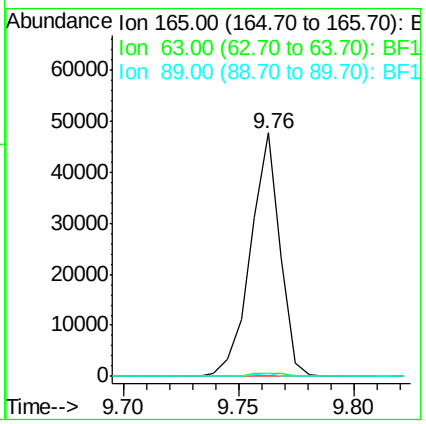


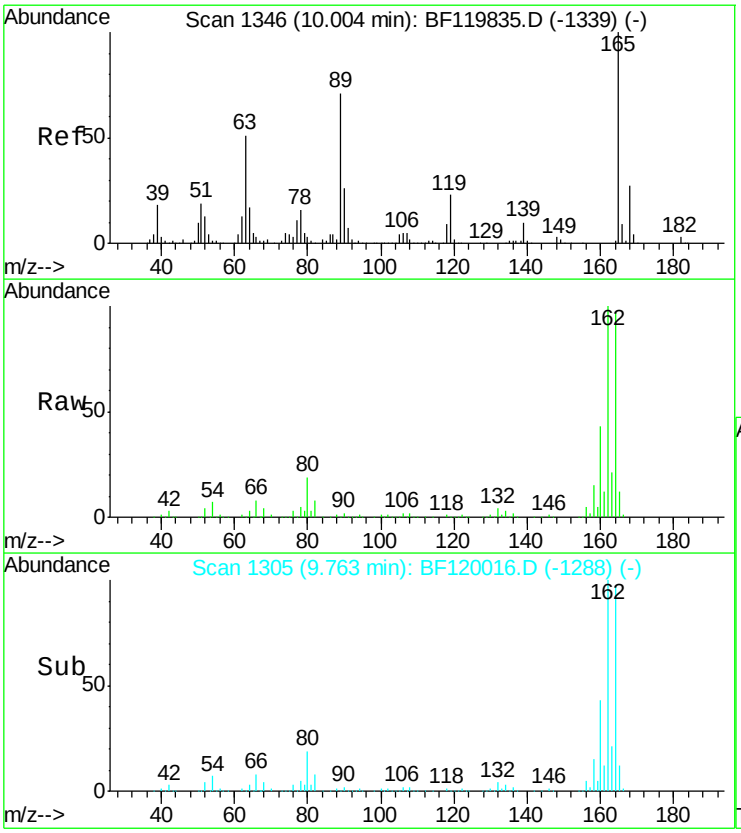
#51
2,6-Dinitrotoluene
Concen: 7.399 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.20 min
Lab File: BF120016.D
Acq: 16 Apr 2020 2:25

Instrument :
BNA_F
ClientSampleId :
PB128243BL

Tgt Ion:165 Resp: 42352

Ion	Ratio	Lower	Upper
165	100		
63	1.1	55.6	83.4#
89	1.1	47.9	71.9#

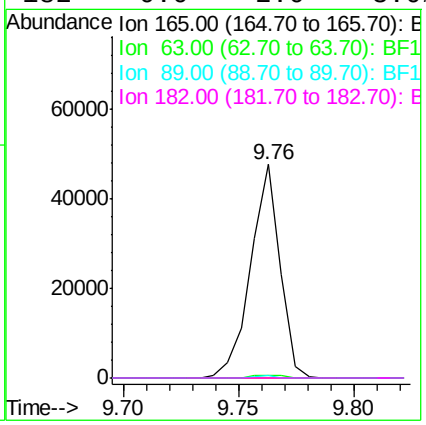


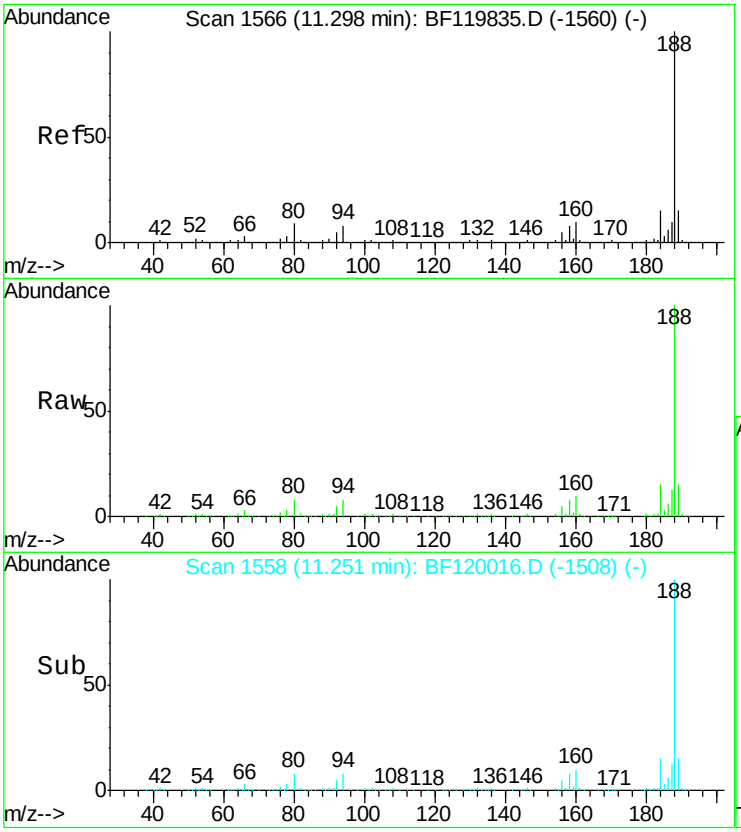


#57
2,4-Dinitrotoluene
Concen: 5.616 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.20 min
Lab File: BF120016.D
Acq: 16 Apr 2020 2:25

Tgt Ion:165 Resp: 42352

Ion	Ratio	Lower	Upper
165	100		
63	1.1	40.8	61.2#
89	1.1	56.9	85.3#
182	0.0	2.0	3.0#



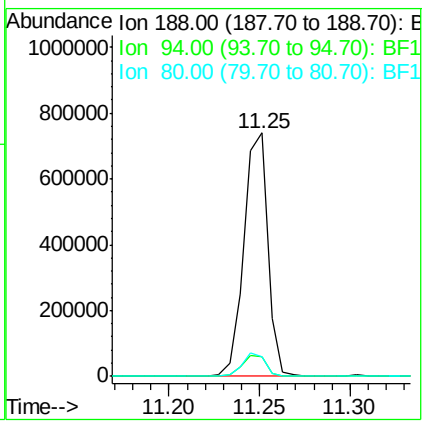


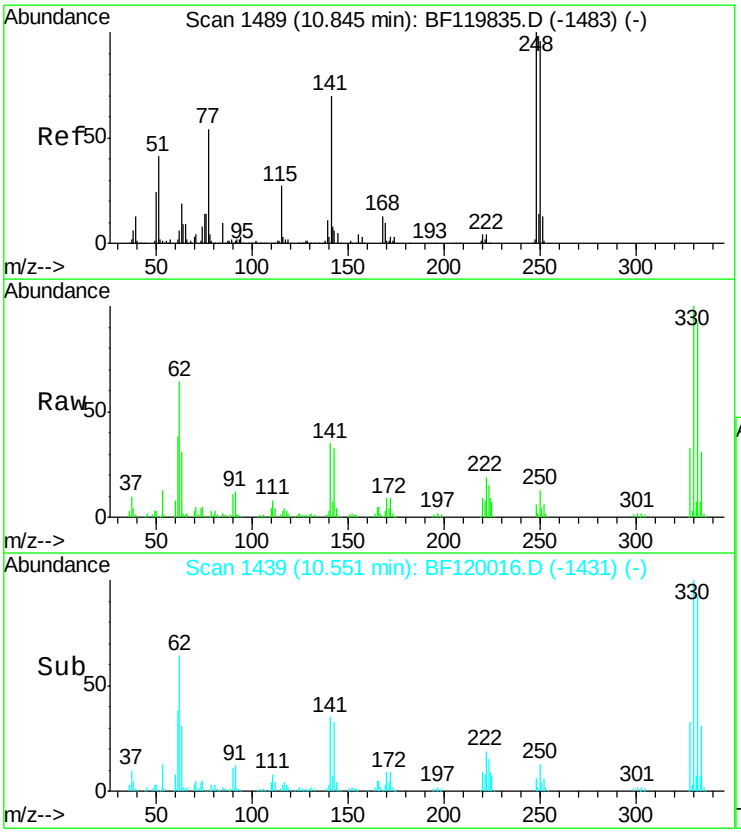
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF120016.D
Acq: 16 Apr 2020 2:25

Instrument :
BNA_F
ClientSampleId :
PB128243BL

Tgt Ion:188 Resp: 680972

Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.7	10.1
80	8.3	7.4	11.2

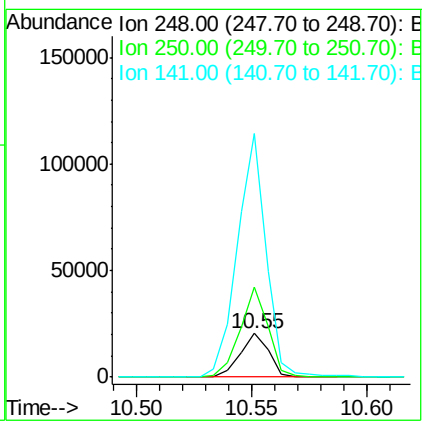


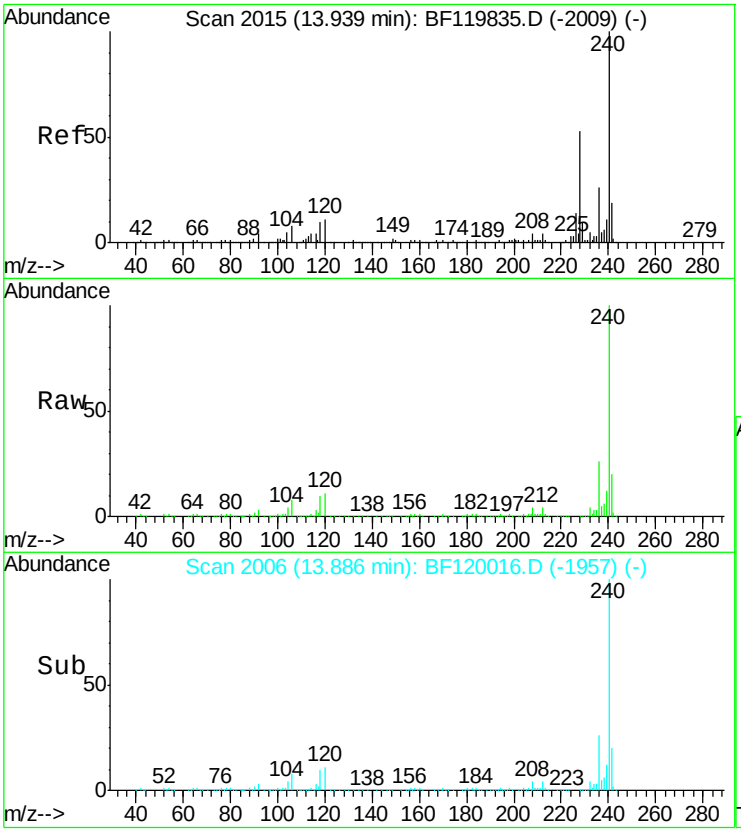


#67
4-Bromophenyl-phenylether
Concen: 2.104 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.25 min
Lab File: BF120016.D
Acq: 16 Apr 2020 2:25

Tgt Ion:248 Resp: 17818

Ion	Ratio	Lower	Upper
248	100		
250	205.6	76.6	114.8#
141	559.5	55.9	83.9#



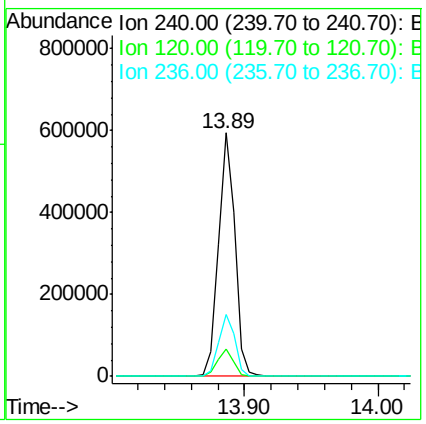


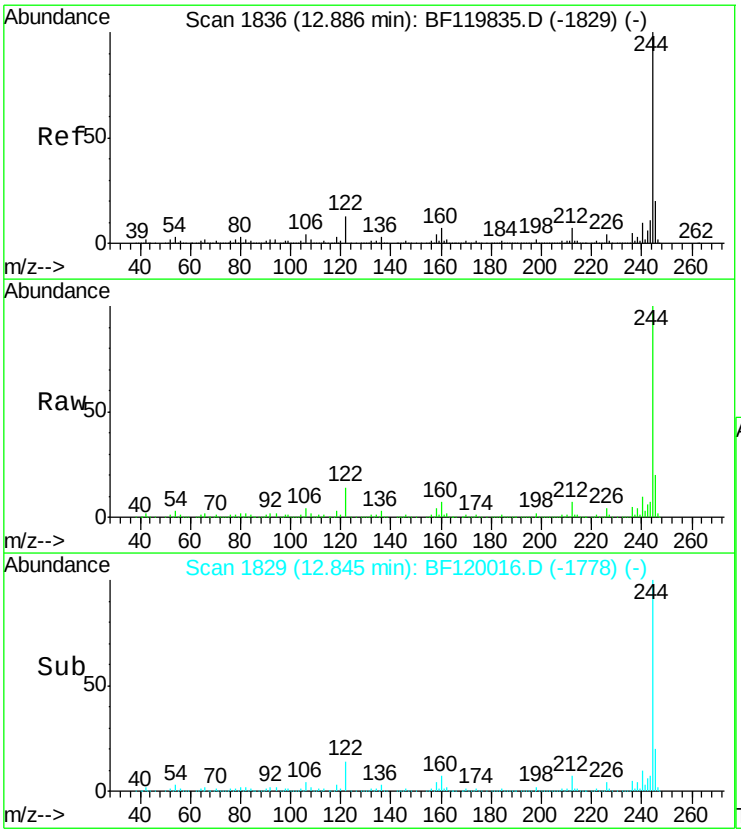
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF120016.D
Acq: 16 Apr 2020 2:25

Instrument :
BNA_F
ClientSampleId :
PB128243BL

Tgt Ion:240 Resp: 520613

Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.0	13.6
236	25.5	20.7	31.1

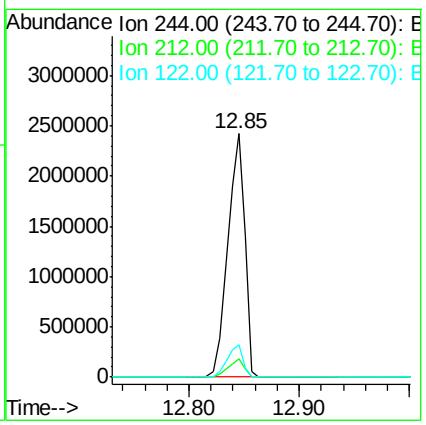


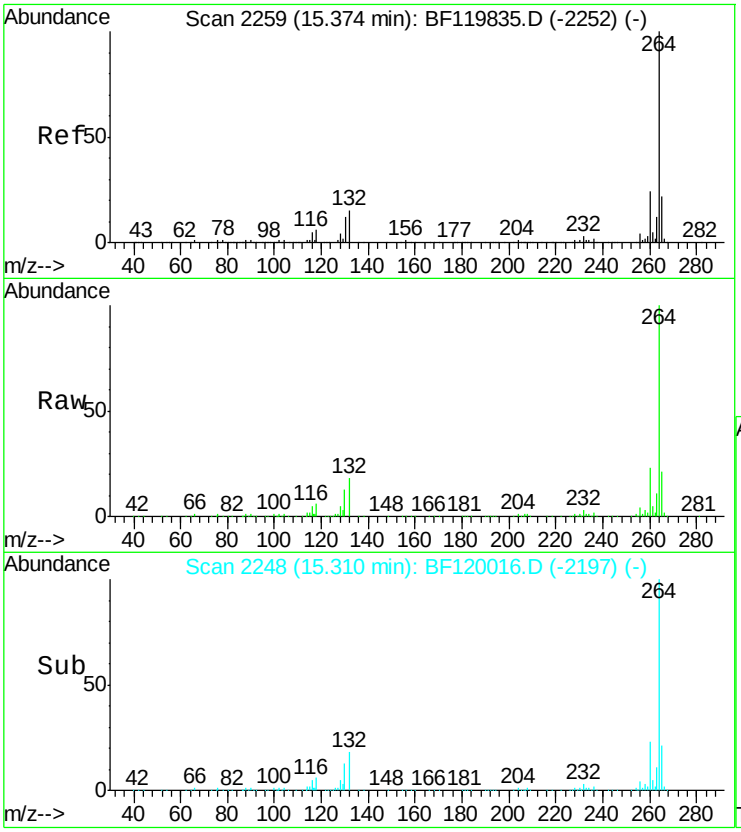


#79
Terphenyl-d14
Concen: 84.317 ng
RT: 12.85 min Scan# 1829
Delta R.T. -0.00 min
Lab File: BF120016.D
Acq: 16 Apr 2020 2:25

Tgt Ion:244 Resp: 2608756

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	13.6	10.3	15.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. -0.00 min
Lab File: BF120016.D
Acq: 16 Apr 2020 2:25

Instrument :
BNA_F
ClientSampleId :
PB128243BL

Tgt Ion:264 Resp: 399702

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.3	28.9
265	21.2	17.6	26.4