Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042220\
Data File : BF120149.D
Acq On : 23 Apr 2020 3:24
Operator : MA/SJ
Sample : L2327-21
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3-S

Quant Time: Apr 23 04:25:35 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 22 11:49:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	144976	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	534659	20.00	ng	-0.01
39) Acenaphthene-d10	9.71	164	271530	20.00	ng	-0.01
64) Phenanthrene-d10	11.20	188	521936	20.00	ng	0.00
76) Chrysene-d12	13.83	240	386349	20.00	ng	-0.02
87) Perylene-d12	15.24	264	295051	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1209323	144.16	ng	0.00
7) Phenol-d6	6.32	99	1351733	125.05	ng	0.00
23) Nitrobenzene-d5	7.25	82	1103702	106.79	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	446392	134.28	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	2012411	105.23	ng	0.00
79) Terphenyl-d14	12.79	244	2154008	93.81	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.32	77	1722	Below Cal	#	1
15) Benzyl Alcohol	6.83	79	18027	2.147	ng	# 47
19) n-Nitroso-di-n-propylamine	7.25	70	144459	20.782	ng	# 75
25) Isophorone	7.25	82	1103696	55.399	ng	# 65
50) Dimethylphthalate	9.72	163	61141	2.911	ng	# 1
51) 2,6-Dinitrotoluene	9.71	165	34548	7.512	ng	# 25
57) 2,4-Dinitrotoluene	9.71	165	34548	5.701	ng	# 19
67) 4-Bromophenyl-phenylether	10.50	248	28746	4.429	ng	# 1
77) Benzidine	12.53	184	60040	4.597	ng	99

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

Quantitation Report (Not Reviewed)

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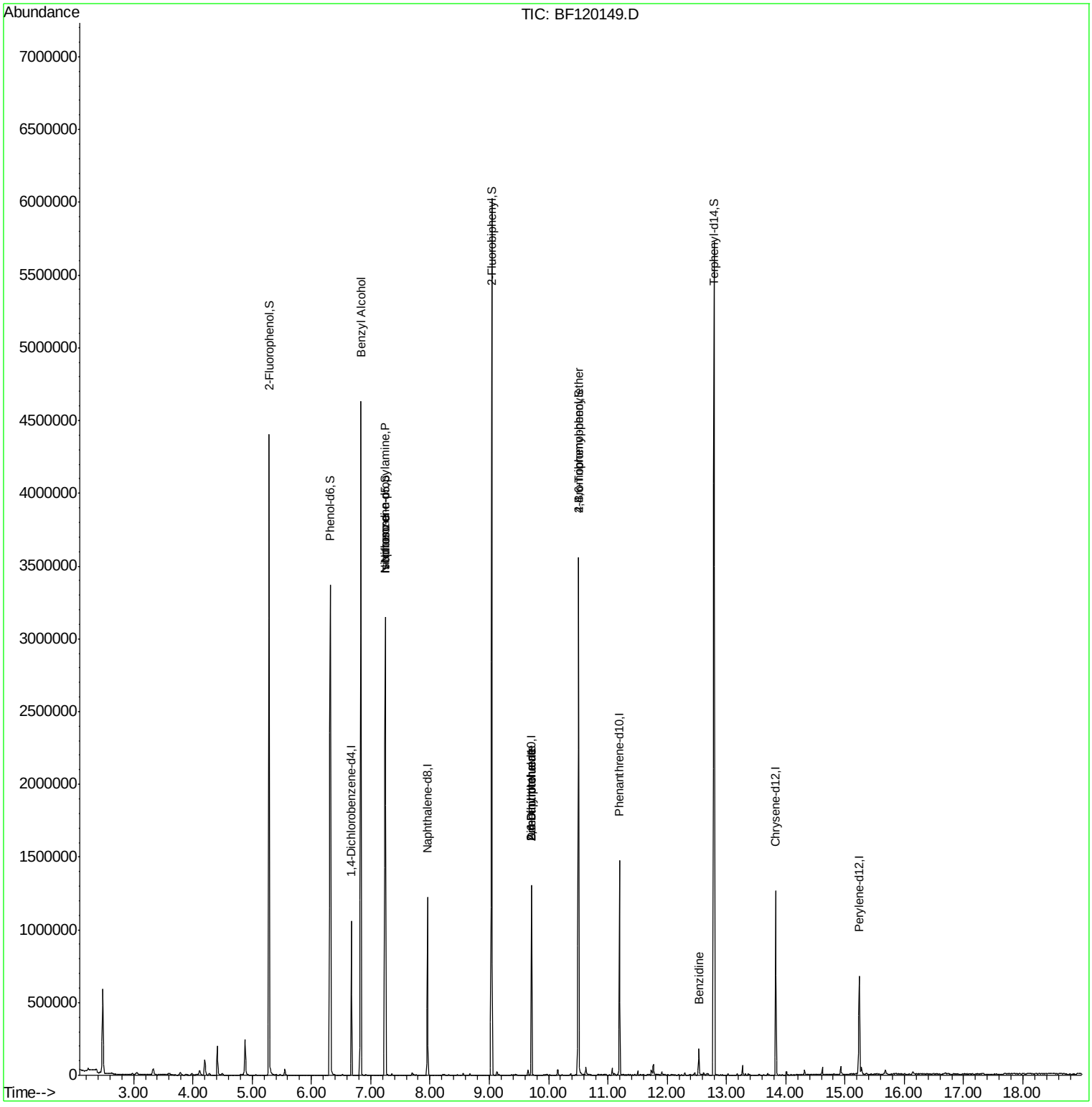
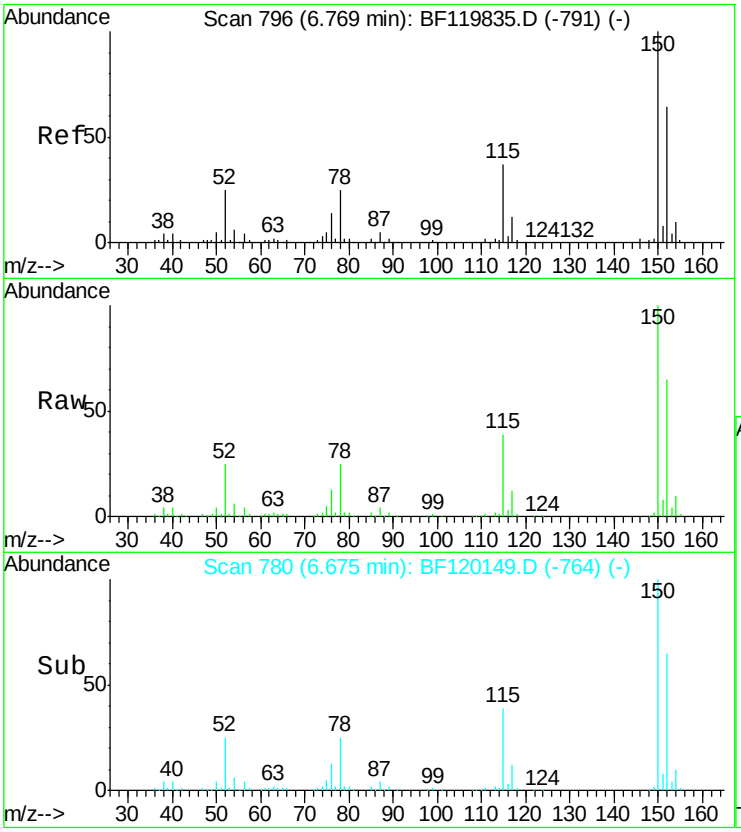


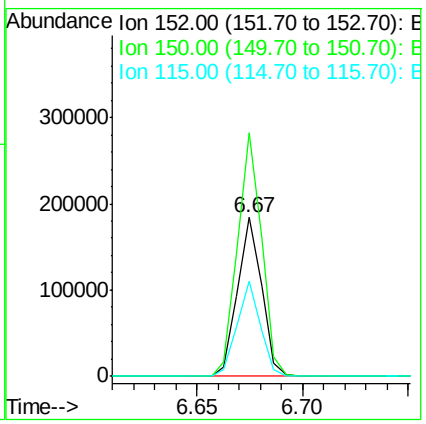


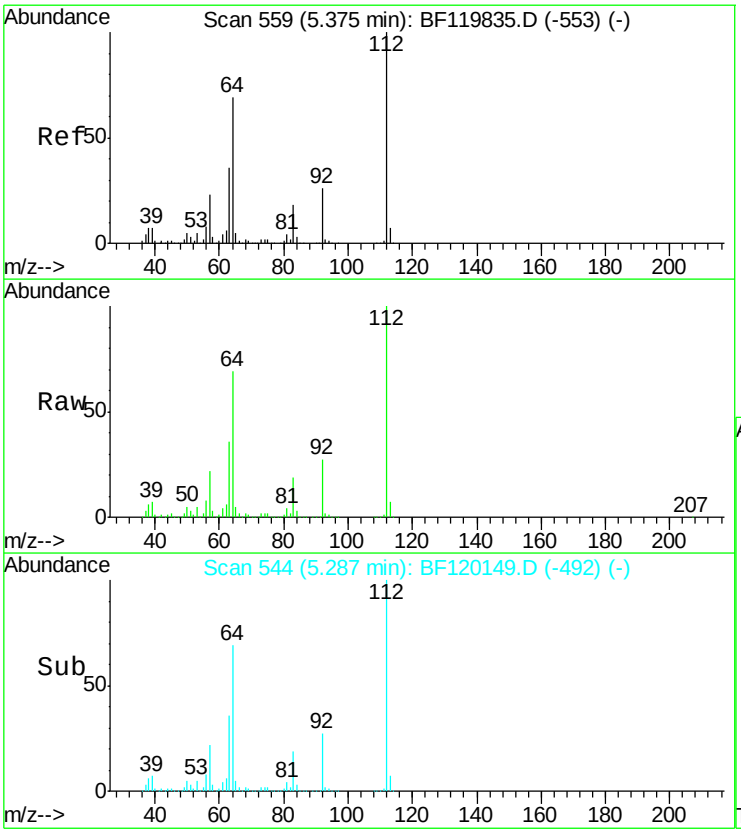
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF120149.D
Acq: 23 Apr 2020 3:24

Instrument :
BNA_F
ClientSampleId :
TP-3-S

Tgt Ion:152 Resp: 144976

Ion	Ratio	Lower	Upper
152	100		
150	153.1	124.5	186.7
115	59.7	49.6	74.4

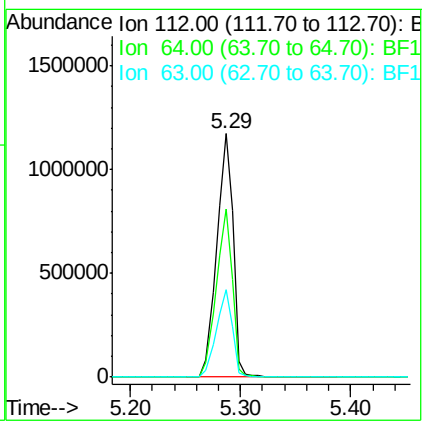


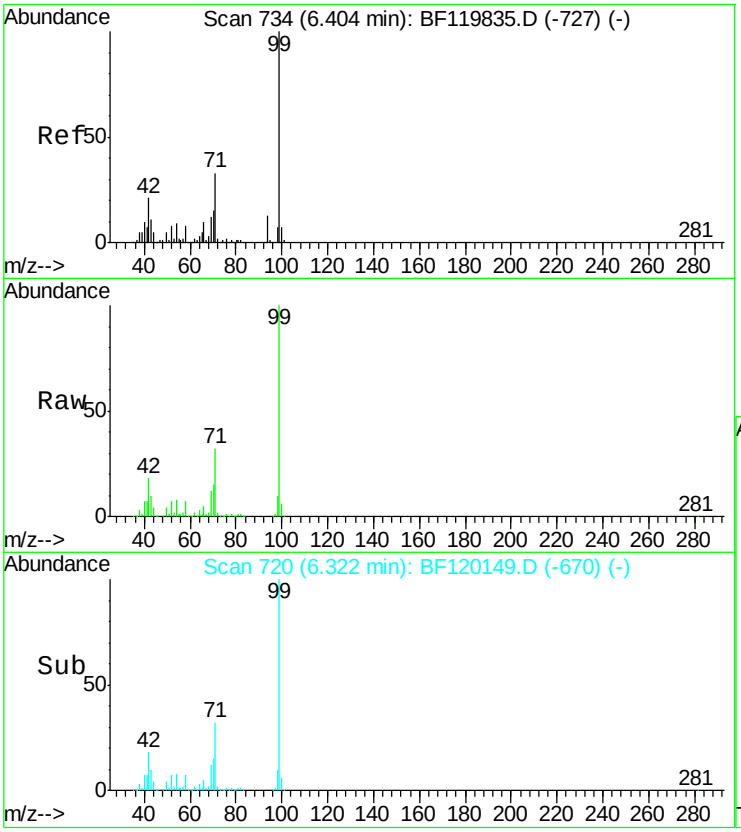


#5
2-Fluorophenol
Concen: 144.157 ng
RT: 5.29 min Scan# 544
Delta R.T. 0.01 min
Lab File: BF120149.D
Acq: 23 Apr 2020 3:24

Tgt Ion:112 Resp: 1209323

Ion	Ratio	Lower	Upper
112	100		
64	68.9	56.7	85.1
63	35.8	29.5	44.3



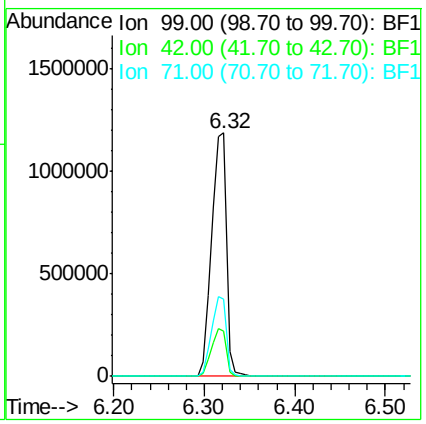


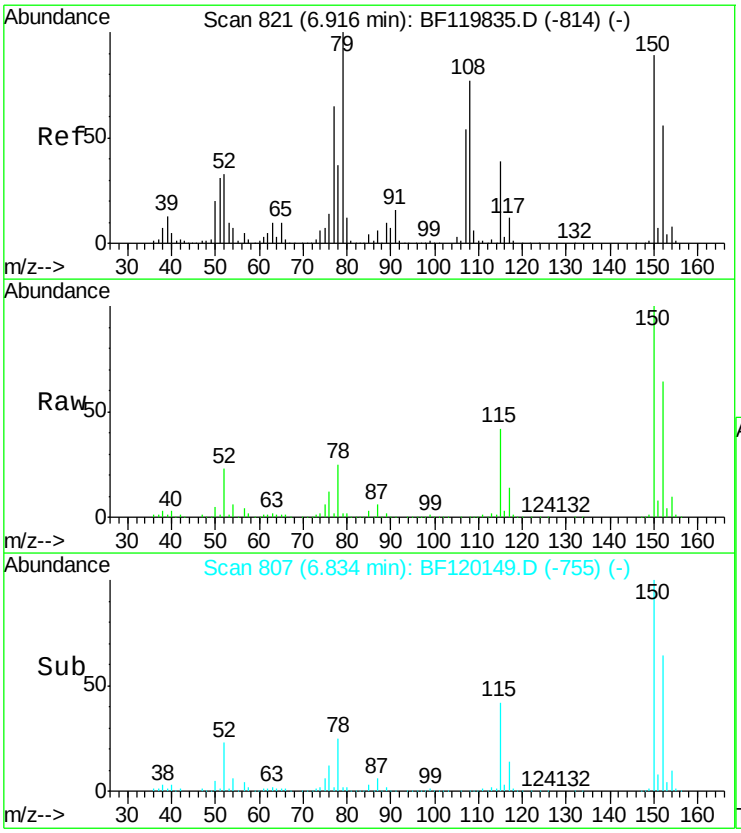
#7
Phenol-d6
Concen: 125.050 ng
RT: 6.32 min Scan# 720
Delta R.T. -0.01 min
Lab File: BF120149.D
Acq: 23 Apr 2020 3:24

Instrument :
BNA_F
ClientSampleId :
TP-3-S

Tgt Ion: 99 Resp: 1351733

Ion	Ratio	Lower	Upper
99	100		
42	18.5	16.6	24.8
71	31.7	26.4	39.6

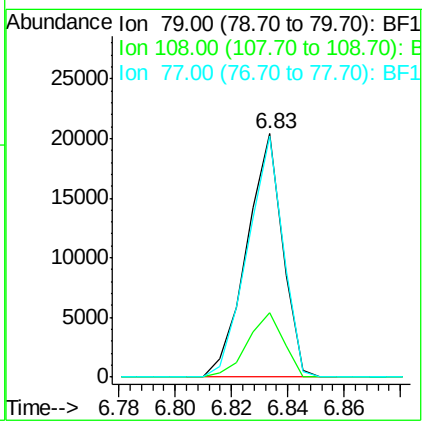


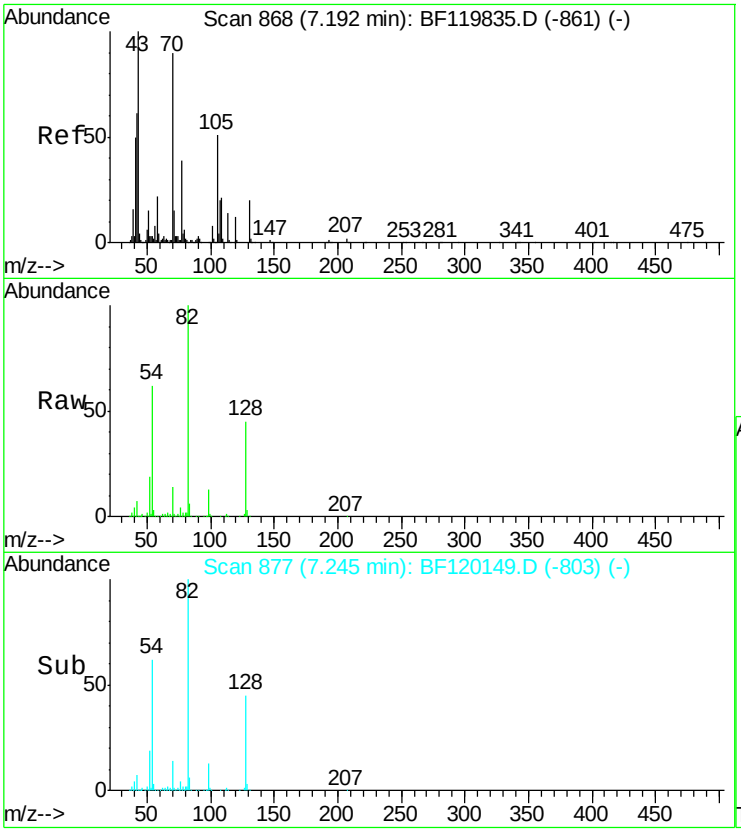


#15
Benzyl Alcohol
Concen: 2.147 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.01 min
Lab File: BF120149.D
Acq: 23 Apr 2020 3:24

Tgt Ion: 79 Resp: 18027

Ion	Ratio	Lower	Upper
79	100		
108	26.2	60.6	90.8#
77	98.9	50.2	75.2#



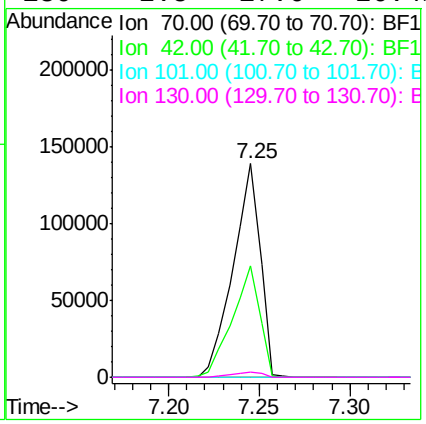


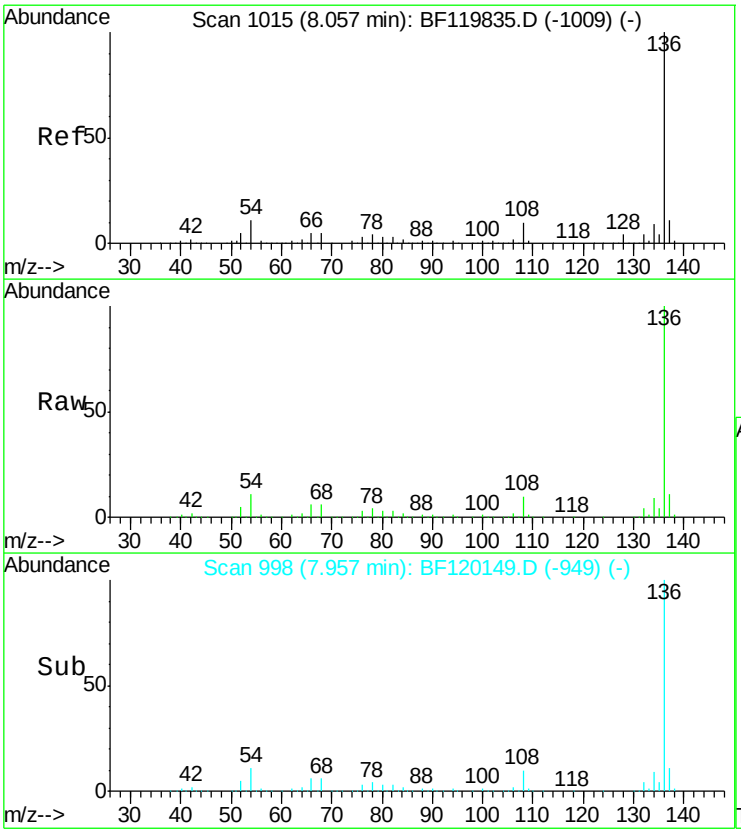
#19
n-Nitroso-di-n-propylamine
Concen: 20.782 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.14 min
Lab File: BF120149.D
Acq: 23 Apr 2020 3:24

Instrument :
BNA_F
ClientSampleId :
TP-3-S

Tgt Ion: 70 Resp: 144459

Ion	Ratio	Lower	Upper
70	100		
42	52.1	54.5	81.7#
101	0.0	7.6	11.4#
130	2.5	17.6	26.4#

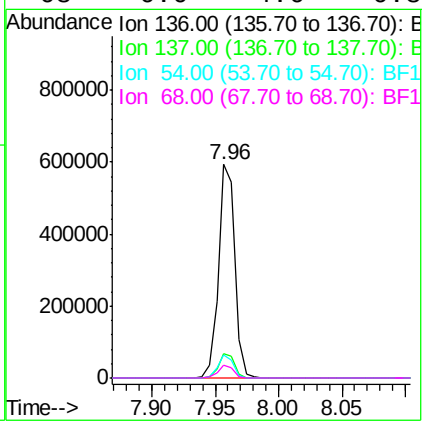


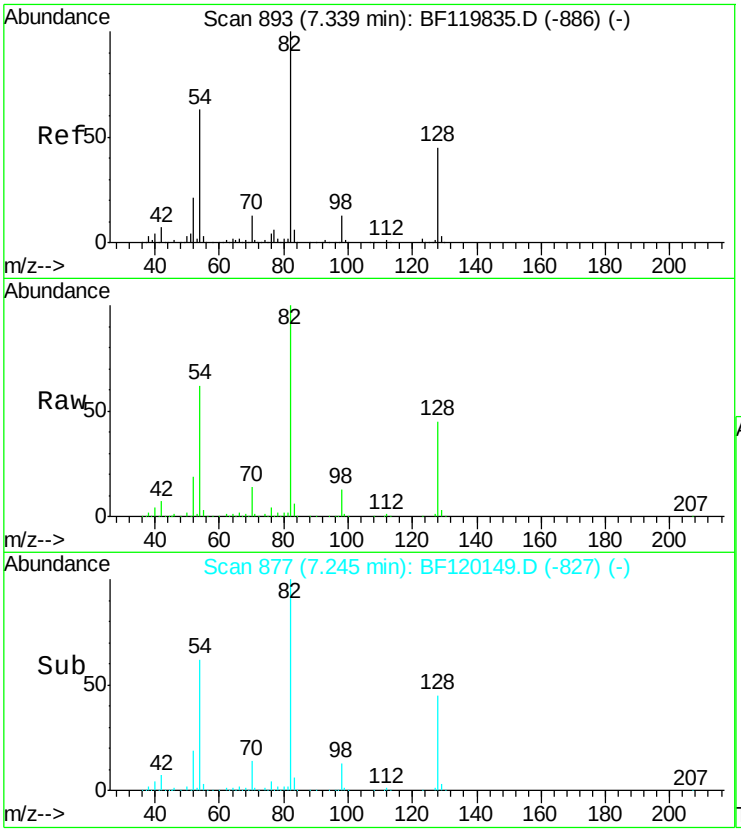


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF120149.D
Acq: 23 Apr 2020 3:24

Tgt Ion:136 Resp: 534659

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	10.9	9.1	13.7
68	6.0	4.6	6.8



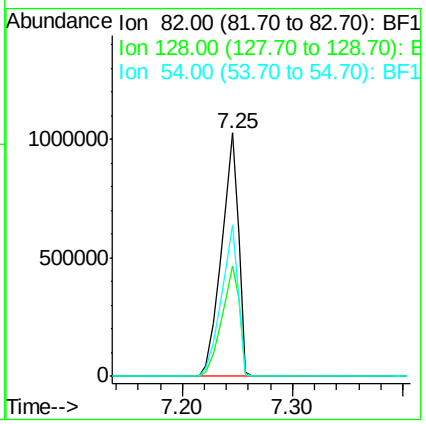


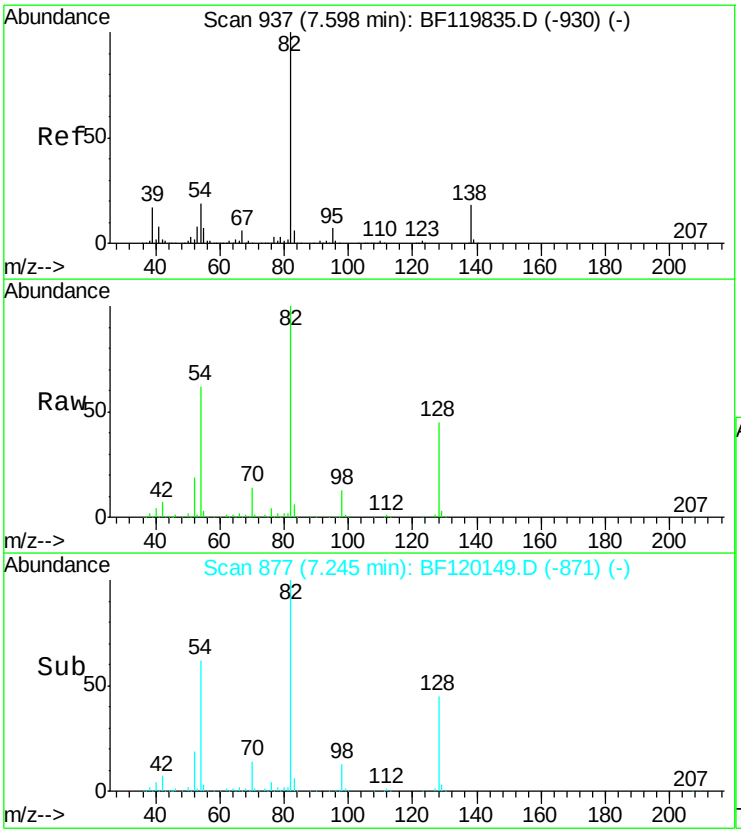
#23
Nitrobenzene-d5
Concen: 106.794 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF120149.D
Acq: 23 Apr 2020 3:24

Instrument :
BNA_F
ClientSampleId :
TP-3-S

Tgt Ion: 82 Resp: 1103702

Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.3	54.5
54	62.0	50.6	75.8

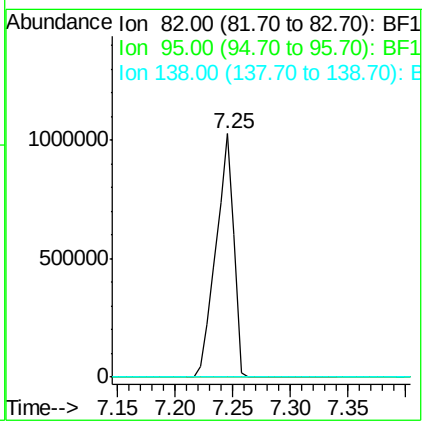


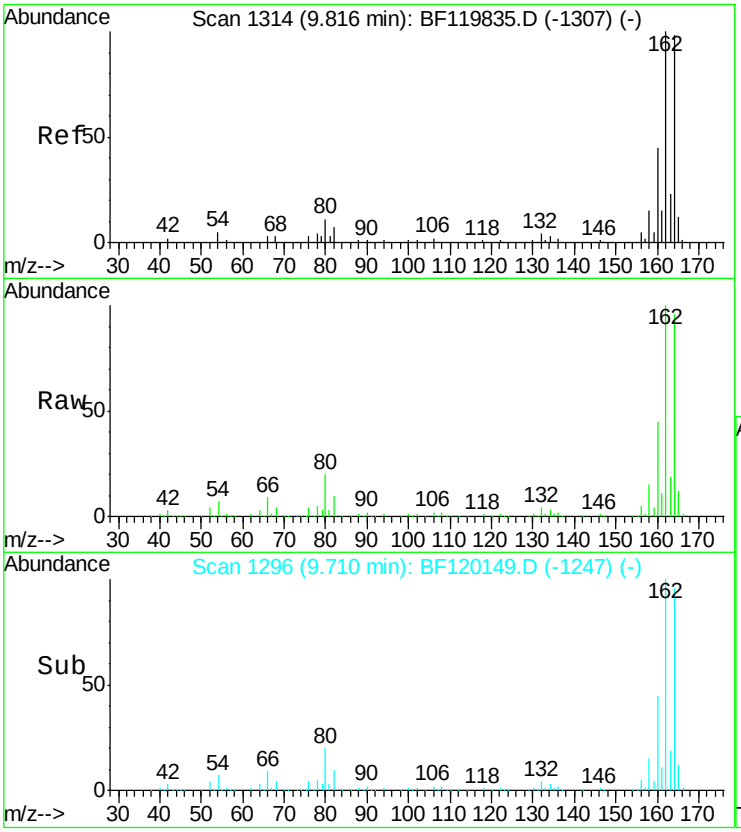


#25
Isophorone
Concen: 55.399 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.26 min
Lab File: BF120149.D
Acq: 23 Apr 2020 3:24

Tgt Ion: 82 Resp: 1103696

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	14.6	21.8#



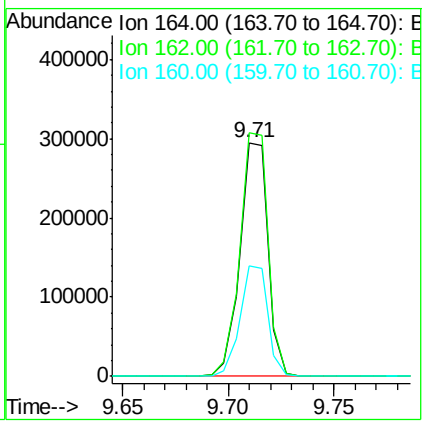


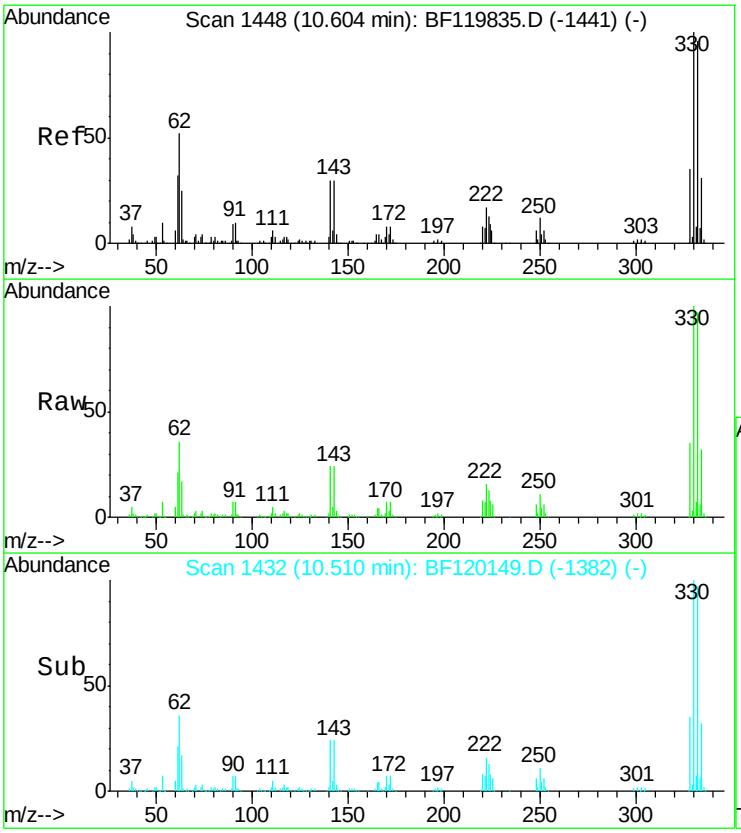
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF120149.D
Acq: 23 Apr 2020 3:24

Instrument :
BNA_F
ClientSampleId :
TP-3-S

Tgt Ion:164 Resp: 271530

Ion	Ratio	Lower	Upper
164	100		
162	104.3	80.6	121.0
160	47.1	35.7	53.5

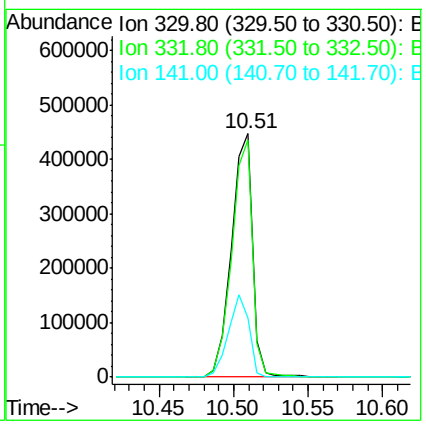


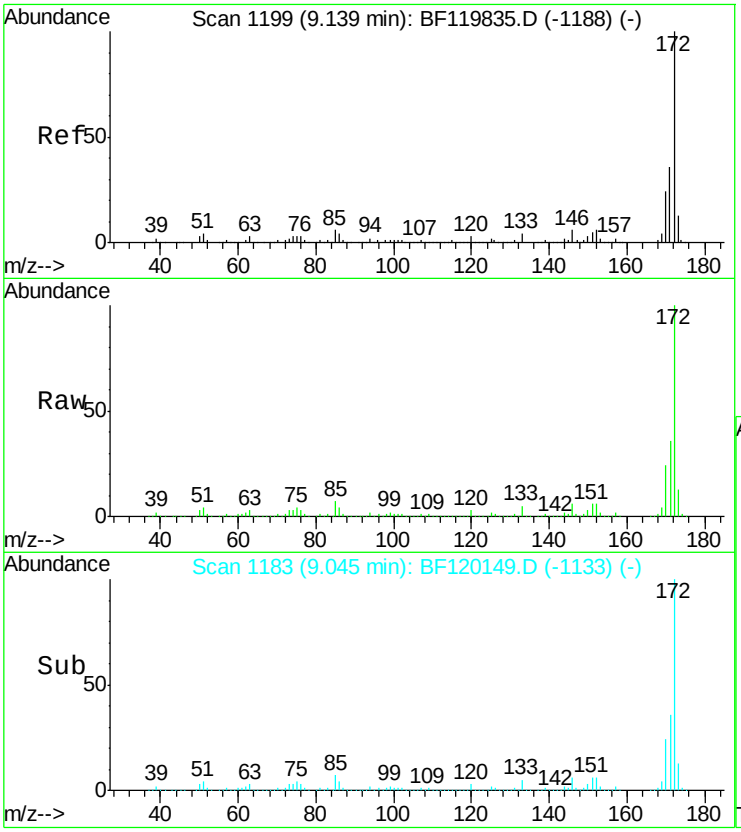


#42
2,4,6-Tribromophenol
Concen: 134.275 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF120149.D
Acq: 23 Apr 2020 3:24

Tgt Ion:330 Resp: 446392

Ion	Ratio	Lower	Upper
330	100		
332	96.4	75.7	113.5
141	33.8	25.4	38.0



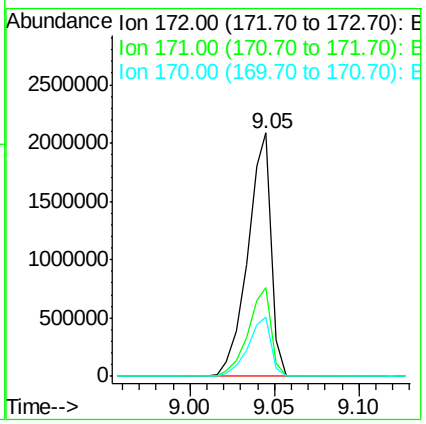


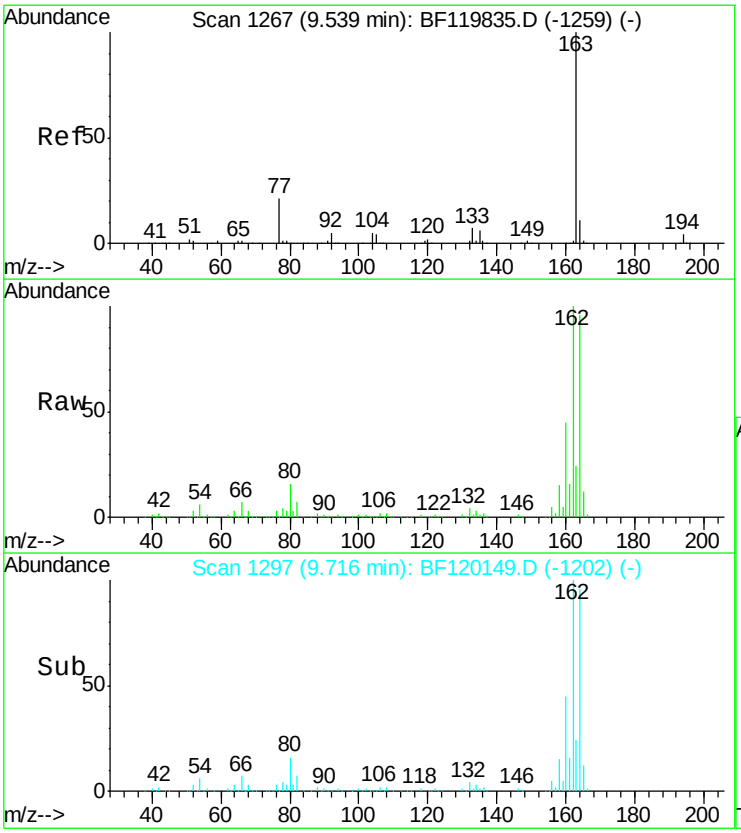
#45
2-Fluorobiphenyl
Concen: 105.225 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF120149.D
Acq: 23 Apr 2020 3:24

Instrument :
BNA_F
ClientSampleId :
TP-3-S

Tgt Ion:172 Resp: 2012411

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.5	20.2	30.2

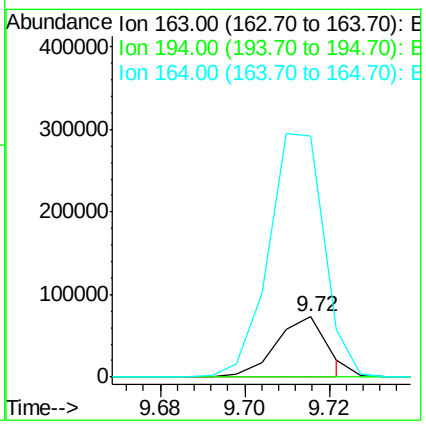


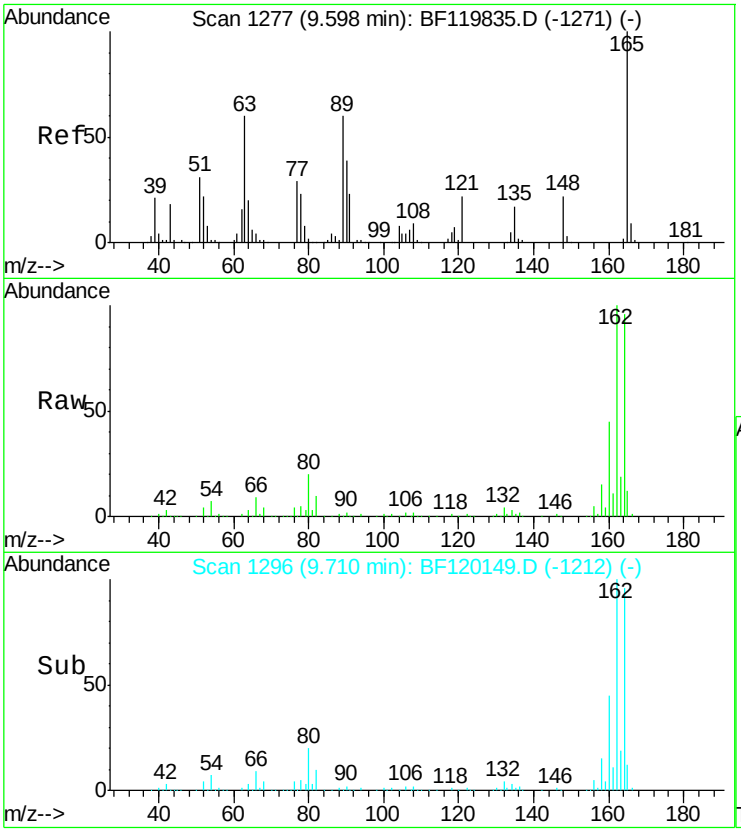


#50
Dimethylphthalate
Concen: 2.911 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.26 min
Lab File: BF120149.D
Acq: 23 Apr 2020 3:24

Tgt Ion:163 Resp: 61141

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.1	4.7#
164	398.9	8.2	12.2#



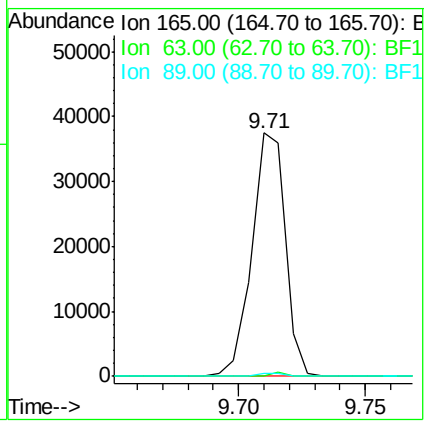


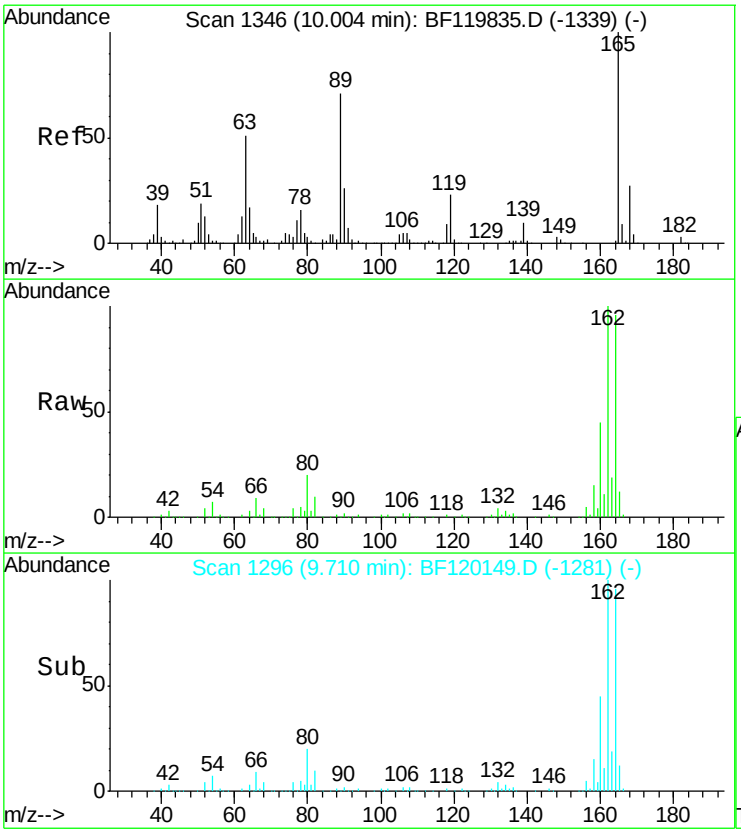
#51
2,6-Dinitrotoluene
Concen: 7.512 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.19 min
Lab File: BF120149.D
Acq: 23 Apr 2020 3:24

Instrument :
BNA_F
ClientSampleId :
TP-3-S

Tgt Ion:165 Resp: 34548

Ion	Ratio	Lower	Upper
165	100		
63	0.0	45.0	67.4#
89	1.2	41.5	62.3#

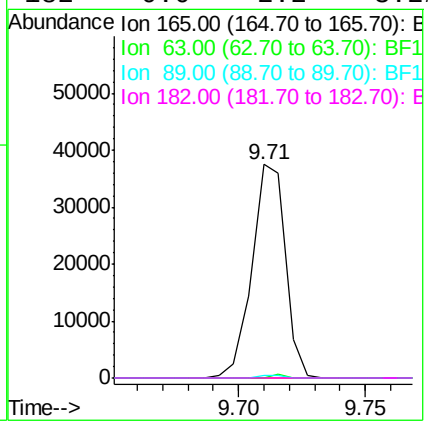


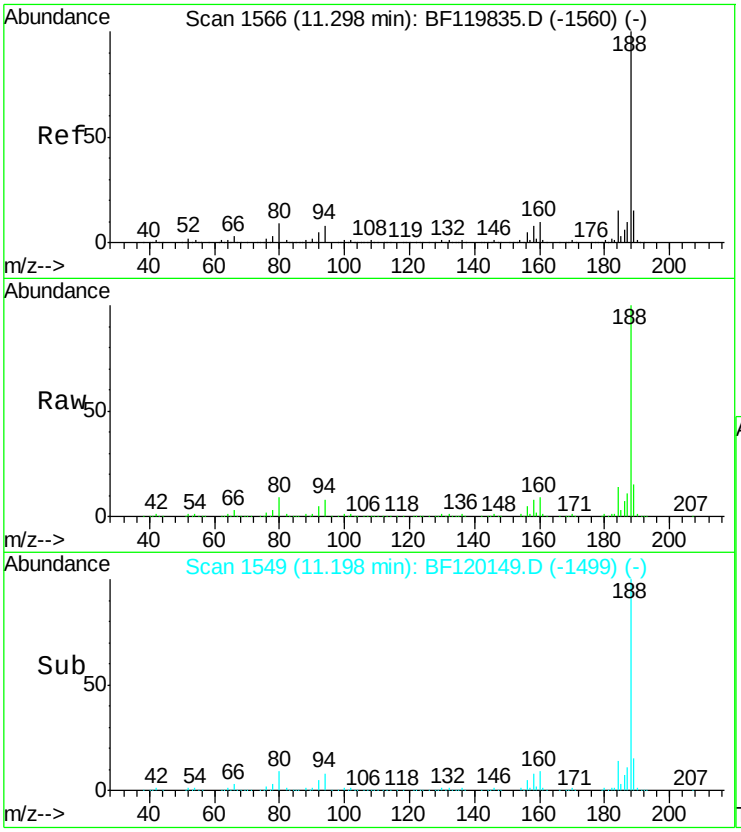


#57
2,4-Dinitrotoluene
Concen: 5.701 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.21 min
Lab File: BF120149.D
Acq: 23 Apr 2020 3:24

Tgt Ion:165 Resp: 34548

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.6	64.0#
89	1.2	61.0	91.4#
182	0.0	2.2	3.2#



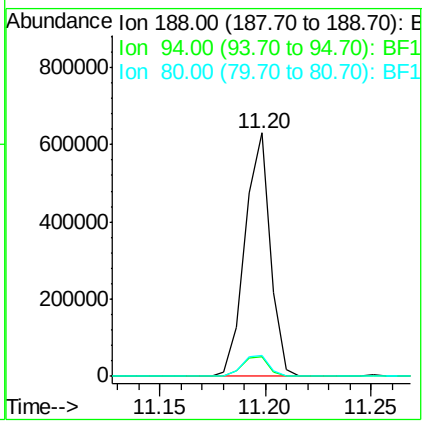


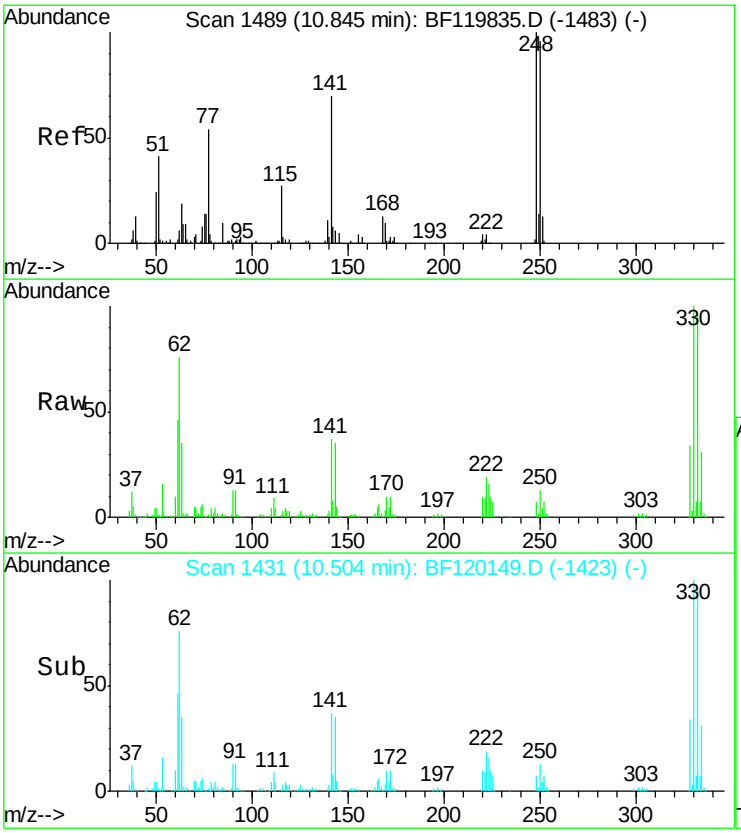
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF120149.D
Acq: 23 Apr 2020 3:24

Instrument :
BNA_F
ClientSampleId :
TP-3-S

Tgt Ion:188 Resp: 521936

Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.5	11.3
80	8.8	9.0	13.4#

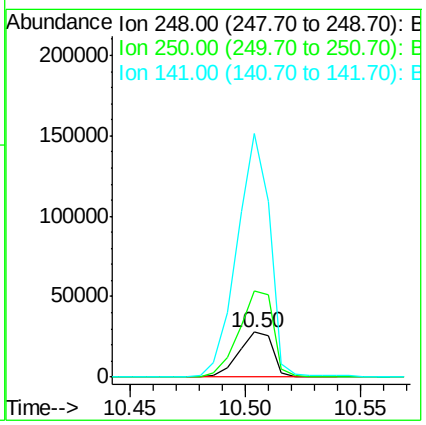


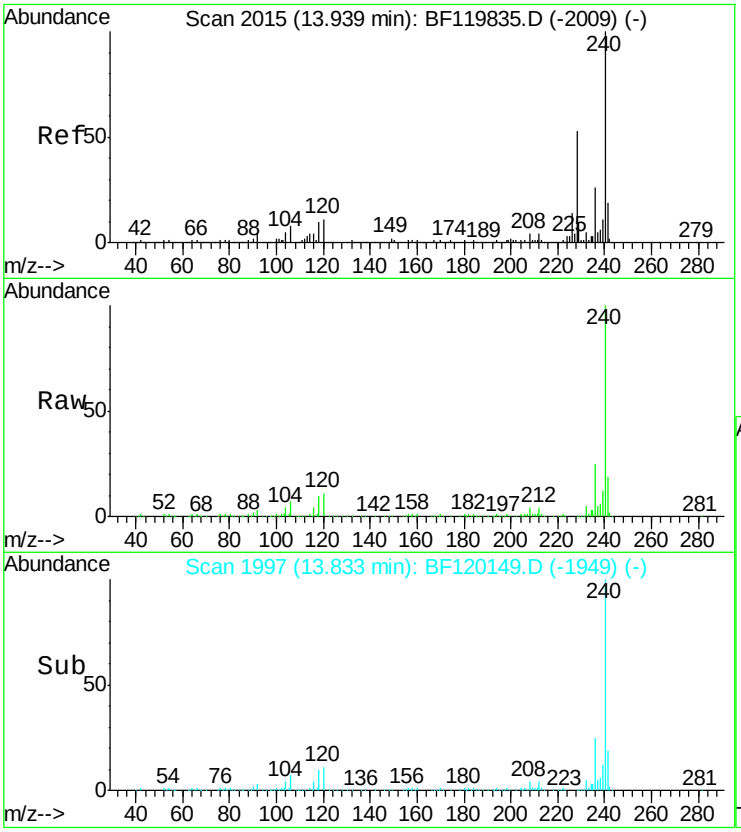


#67
4-Bromophenyl-phenylether
Concen: 4.429 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.25 min
Lab File: BF120149.D
Acq: 23 Apr 2020 3:24

Tgt Ion:248 Resp: 28746

Ion	Ratio	Lower	Upper
248	100		
250	191.3	77.3	115.9#
141	538.9	58.6	87.8#



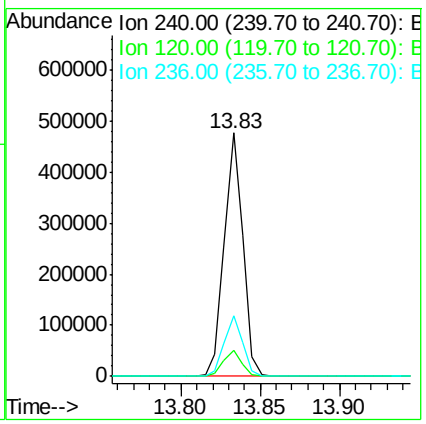


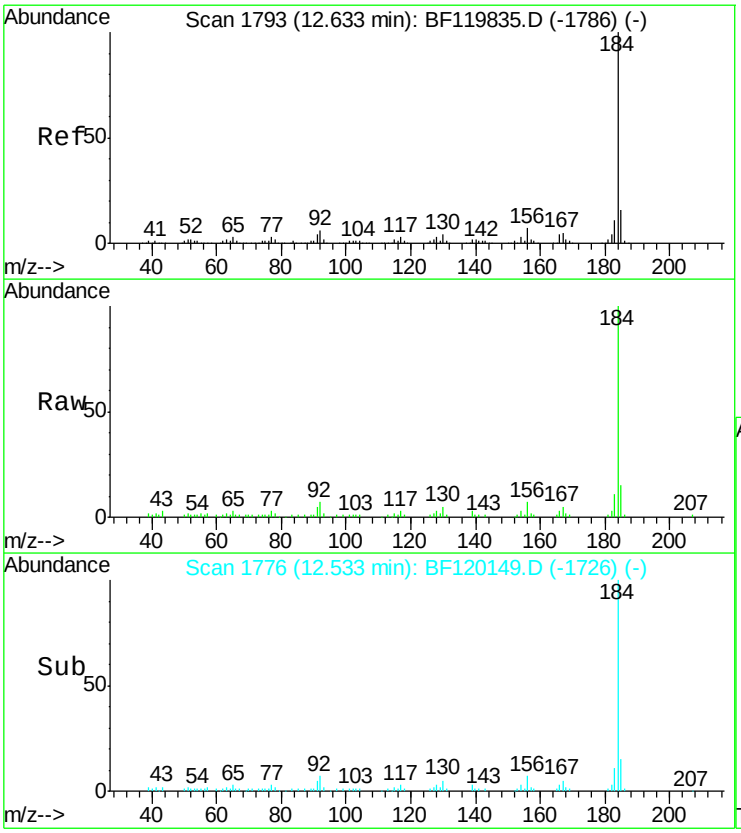
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.02 min
Lab File: BF120149.D
Acq: 23 Apr 2020 3:24

Instrument :
BNA_F
ClientSampleId :
TP-3-S

Tgt Ion:240 Resp: 386349

Ion	Ratio	Lower	Upper
240	100		
120	10.9	10.6	15.8
236	25.1	20.2	30.2

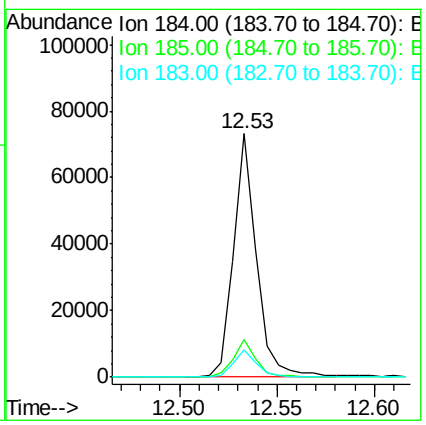


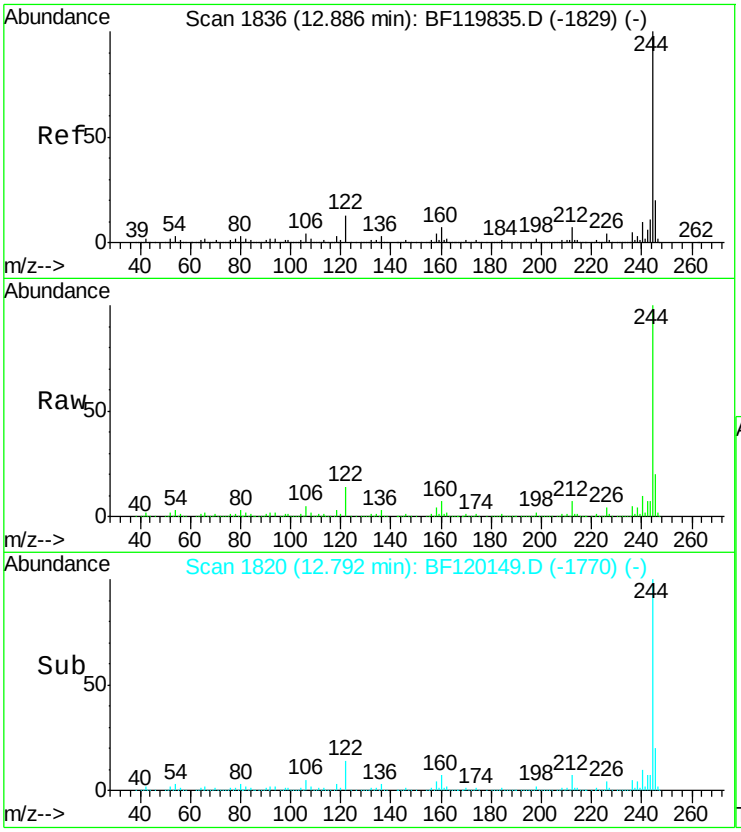


#77
Benzidine
Concen: 4.597 ng
RT: 12.53 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BF120149.D
Acq: 23 Apr 2020 3:24

Tgt Ion:184 Resp: 60040

Ion	Ratio	Lower	Upper
184	100		
185	15.2	12.3	18.5
183	11.1	9.0	13.6



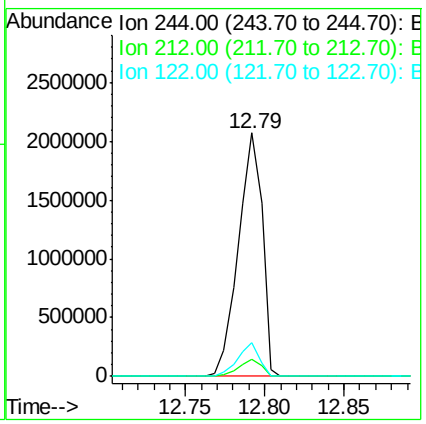


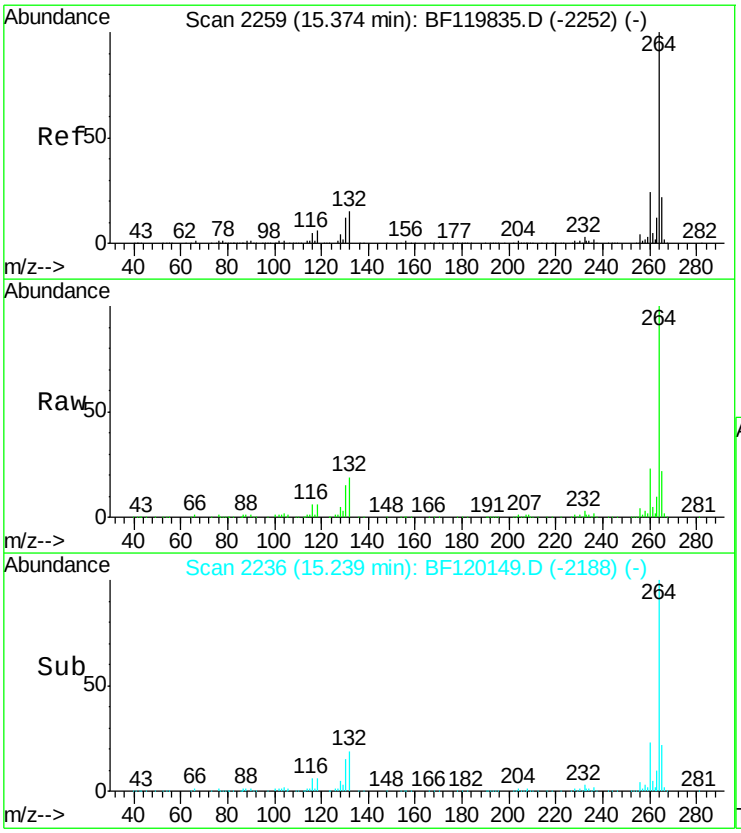
#79
Terphenyl-d14
Concen: 93.813 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF120149.D
Acq: 23 Apr 2020 3:24

Instrument :
BNA_F
ClientSampleId :
TP-3-S

Tgt Ion:244 Resp: 2154008

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	13.9	10.3	15.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.02 min
Lab File: BF120149.D
Acq: 23 Apr 2020 3:24

Tgt Ion:264 Resp: 295051

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	21.8	17.7	26.5