Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073120\
Data File : BF121149.D
Acq On : 31 Jul 2020 10:39
Operator : JU/CG
Sample : PB130555BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB130555BL

Quant Time: Jul 31 13:26:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 29 14:55:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	157318	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	611502	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	314596	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	612850	20.00	ng	0.00
76) Chrysene-d12	13.97	240	533596	20.00	ng	0.00
86) Perylene-d12	15.42	264	529965	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1057502	110.20	ng	0.01
7) Phenol-d6	6.44	99	1285841	103.73	ng	0.00
23) Nitrobenzene-d5	7.36	82	826733	78.23	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	374648	108.80	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1488443	70.64	ng	0.00
79) Terphenyl-d14	12.92	244	1497875	61.02	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.44	77	1867	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.36	70	109090	15.476	ng	# 77
25) Isophorone	7.36	82	807426	38.282	ng	# 62
50) Dimethylphthalate	9.84	163	69019	3.041	ng	# 1
51) 2,6-Dinitrotoluene	9.84	165	40556	8.317	ng	# 27
57) 2,4-Dinitrotoluene	9.84	165	40556	6.334	ng	# 29
65) 4,6-Dinitro-2-methylphenol	10.63	198	594	3.997	ng	# 1
67) 4-Bromophenyl-phenylether	10.63	248	21294	3.116	ng	# 1

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

Quantitation Report (Not Reviewed)

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Acq On : 31 Jul 2020 10:39
Operator : JU/CG
Sample : PB130555BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
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Quant Time: Jul 31 13:26:26 2020
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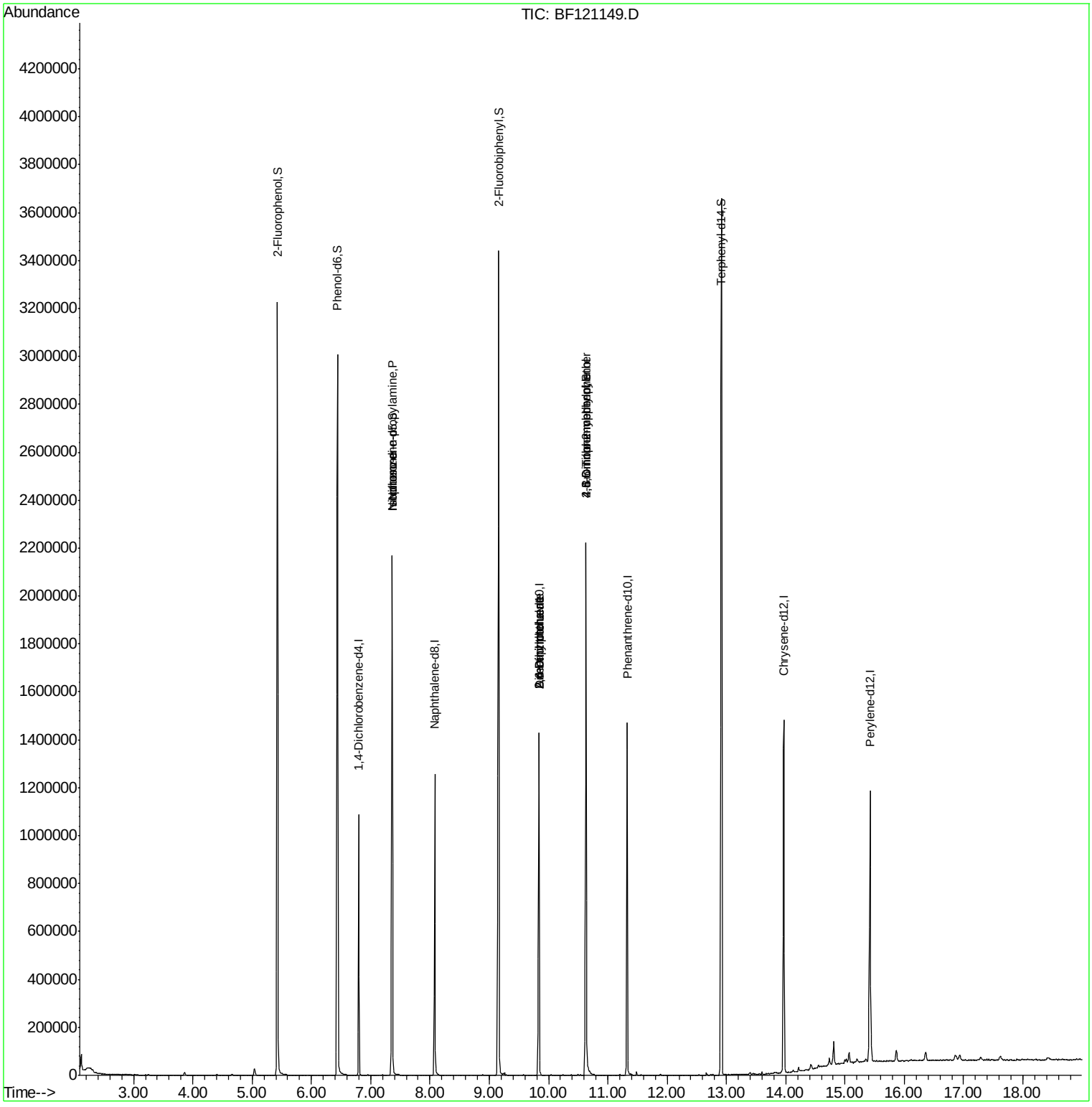
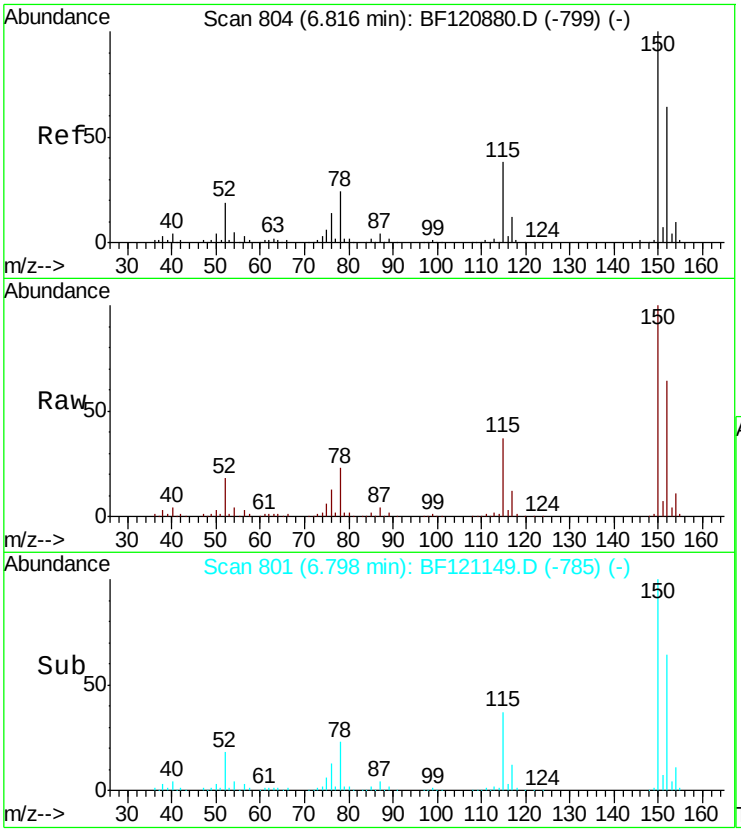


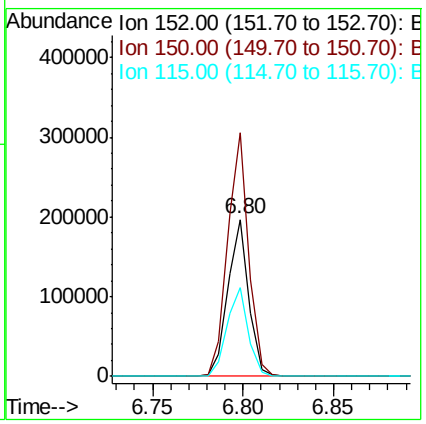


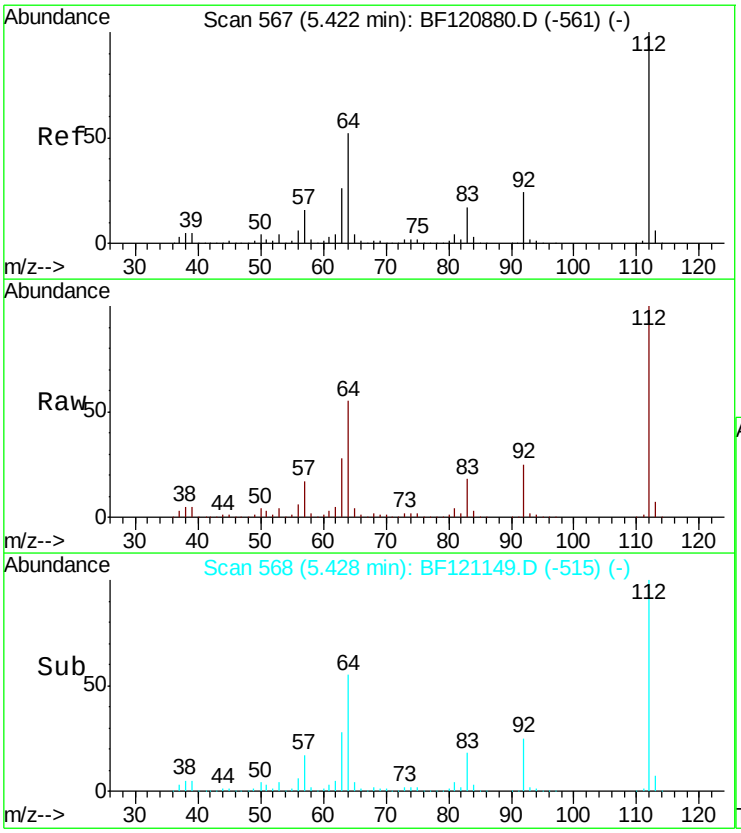
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF121149.D
Acq: 31 Jul 2020 10:39

Instrument :
BNA_F
ClientSampleId :
PB130555BL

Tgt Ion:152 Resp: 157318

Ion	Ratio	Lower	Upper
152	100		
150	155.4	125.6	188.4
115	57.0	46.2	69.2

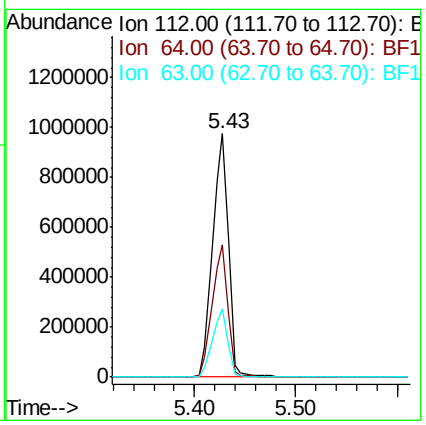


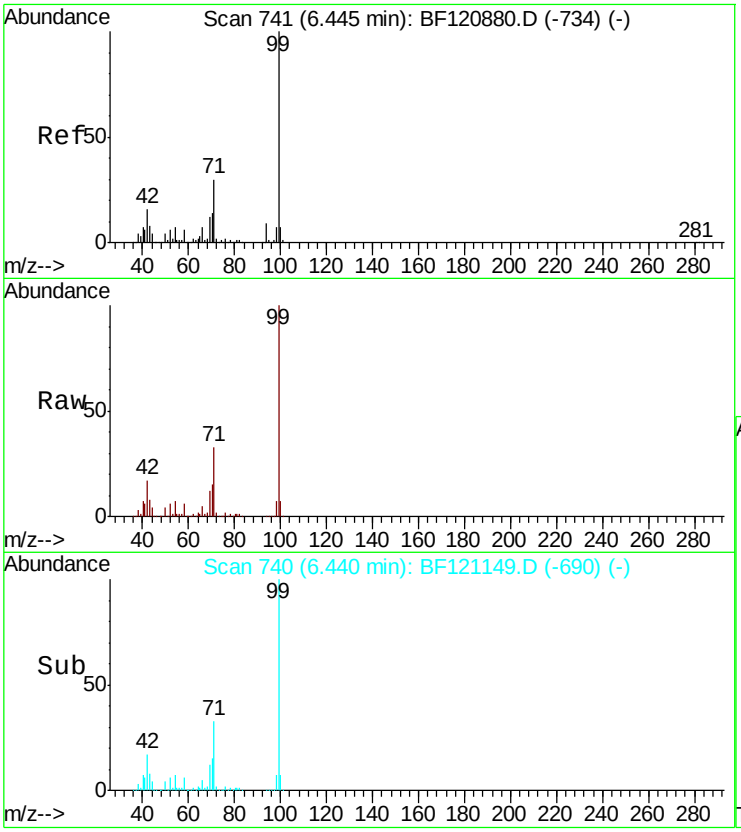


#5
2-Fluorophenol
Concen: 110.199 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF121149.D
Acq: 31 Jul 2020 10:39

Tgt Ion:112 Resp: 1057502

Ion	Ratio	Lower	Upper
112	100		
64	54.6	43.9	65.9
63	28.3	22.7	34.1



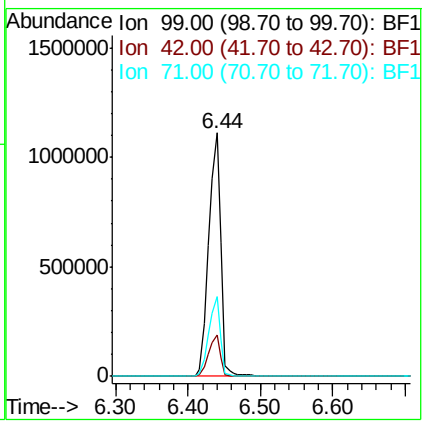


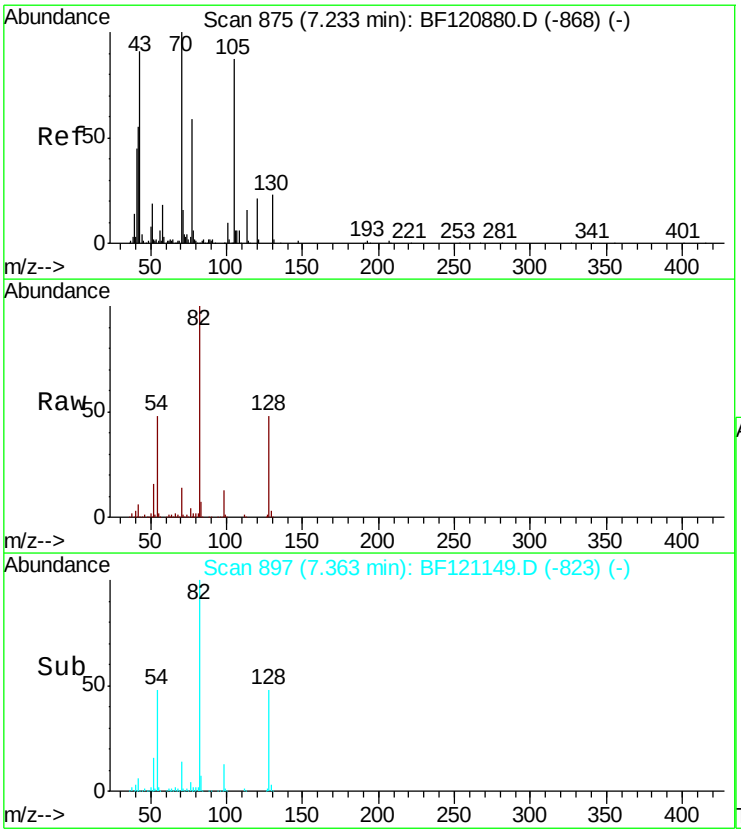
#7
Phenol-d6
Concen: 103.730 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF121149.D
Acq: 31 Jul 2020 10:39

Instrument :
BNA_F
ClientSampleId :
PB130555BL

Tgt Ion: 99 Resp: 1285841

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.5	20.3
71	32.7	25.0	37.4

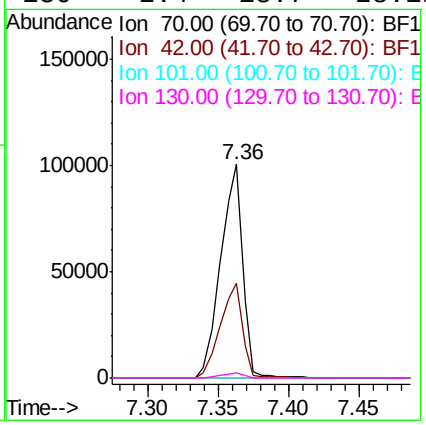


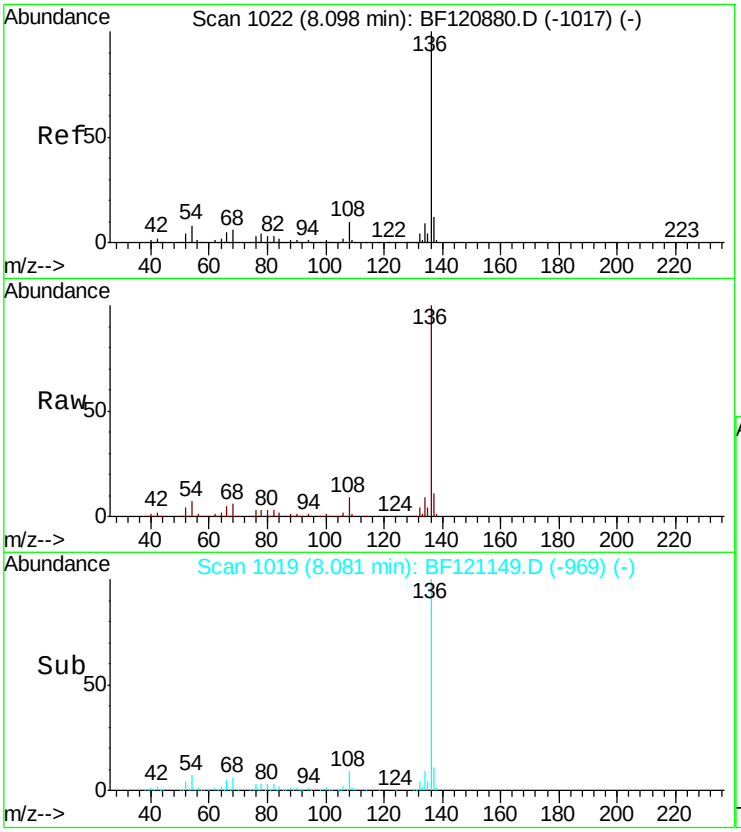


#19
n-Nitroso-di-n-propylamine
Concen: 15.476 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.14 min
Lab File: BF121149.D
Acq: 31 Jul 2020 10:39

Tgt Ion: 70 Resp: 109090

Ion	Ratio	Lower	Upper
70	100		
42	44.1	43.3	64.9
101	0.0	8.4	12.6#
130	2.4	18.7	28.1#



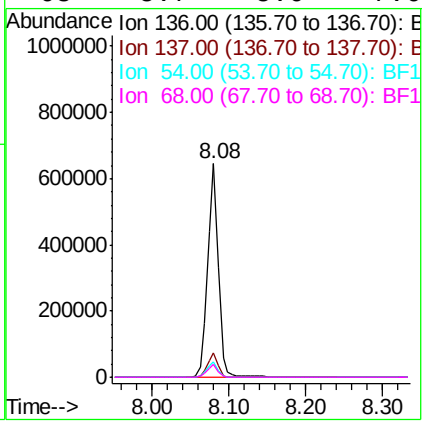


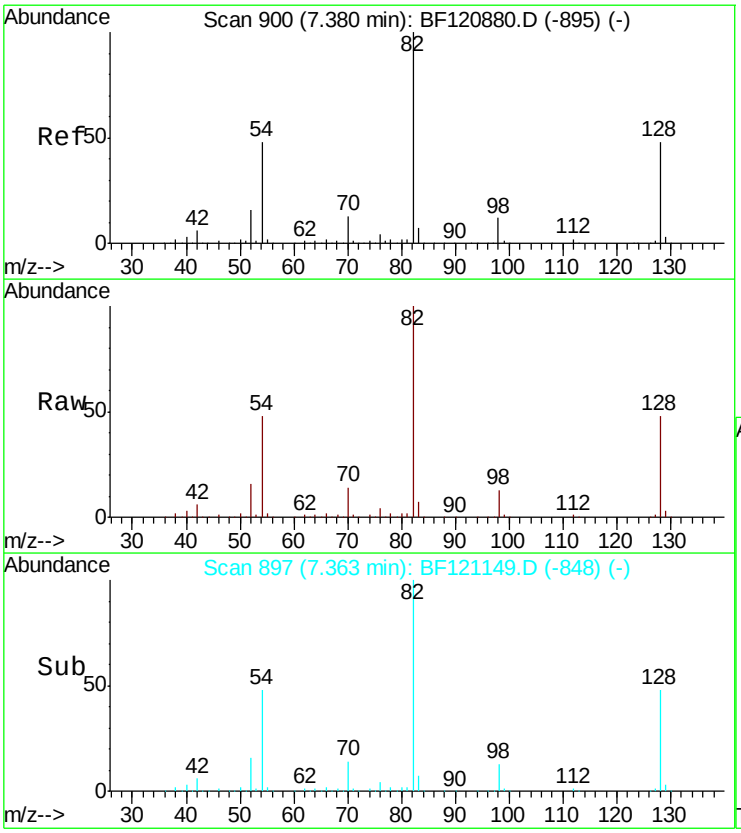
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF121149.D
Acq: 31 Jul 2020 10:39

Instrument :
BNA_F
ClientSampleId :
PB130555BL

Tgt Ion:136 Resp: 611502

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	7.3	6.1	9.1
68	5.7	5.0	7.6

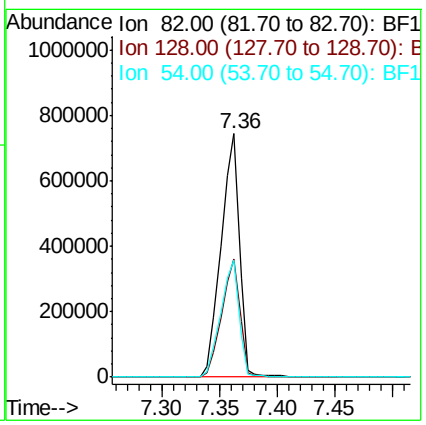


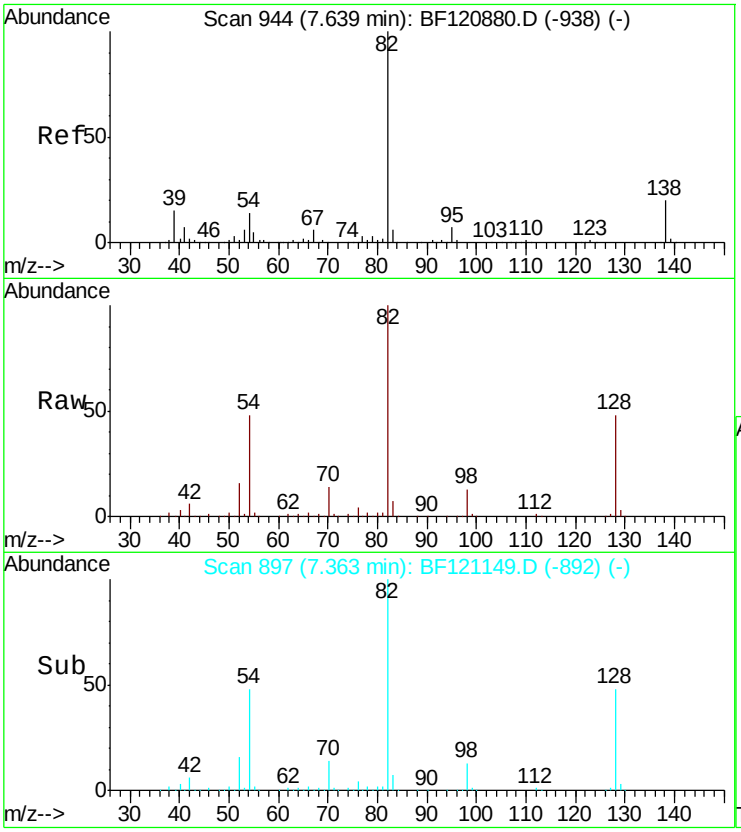


#23
Nitrobenzene-d5
Concen: 78.229 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF121149.D
Acq: 31 Jul 2020 10:39

Tgt Ion: 82 Resp: 826733

Ion	Ratio	Lower	Upper
82	100		
128	48.4	39.2	58.8
54	48.0	37.8	56.8



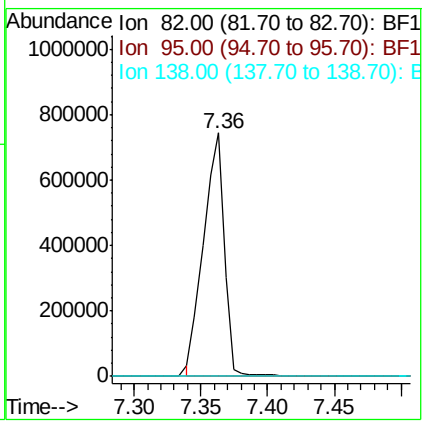


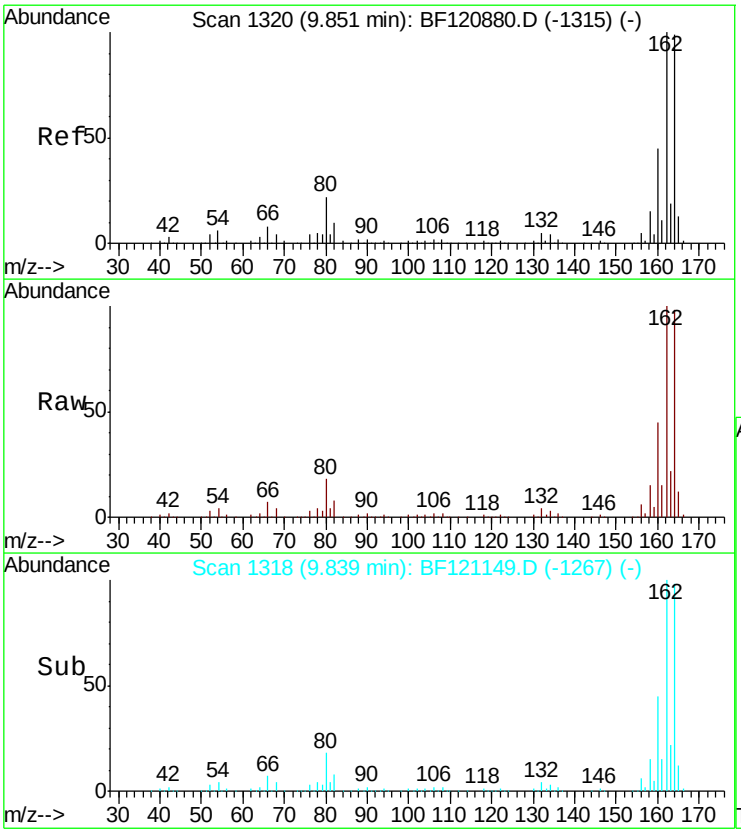
#25
Isophorone
Concen: 38.282 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.27 min
Lab File: BF121149.D
Acq: 31 Jul 2020 10:39

Instrument :
BNA_F
ClientSampleId :
PB130555BL

Tgt Ion: 82 Resp: 807426

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.5	8.3#
138	0.0	16.2	24.2#

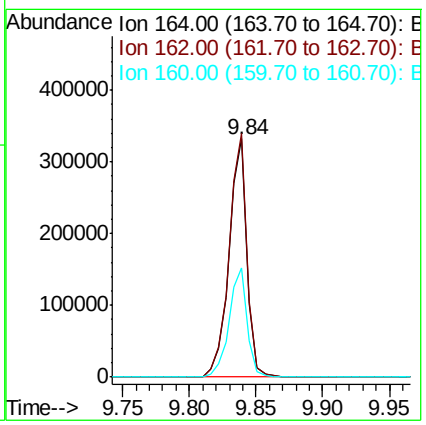


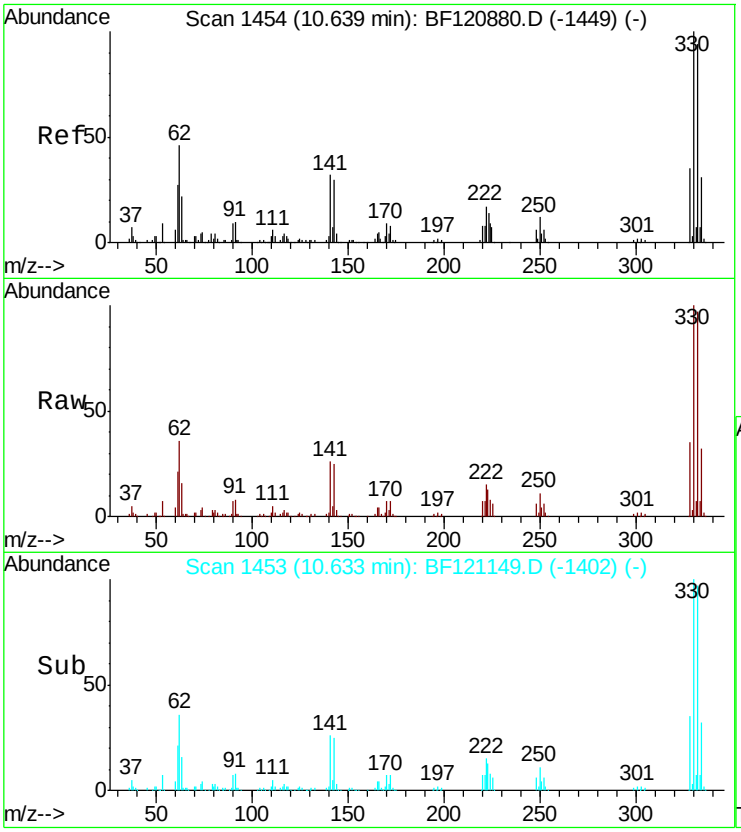


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF121149.D
Acq: 31 Jul 2020 10:39

Tgt Ion:164 Resp: 314596

Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.2	123.2
160	46.0	37.2	55.8



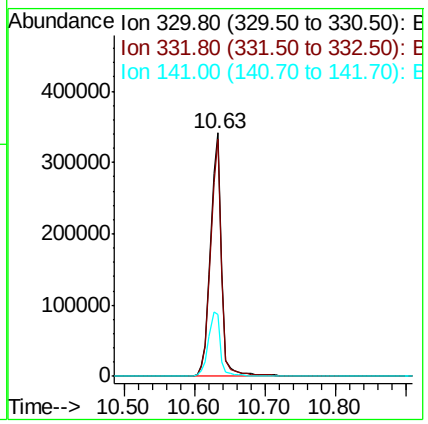


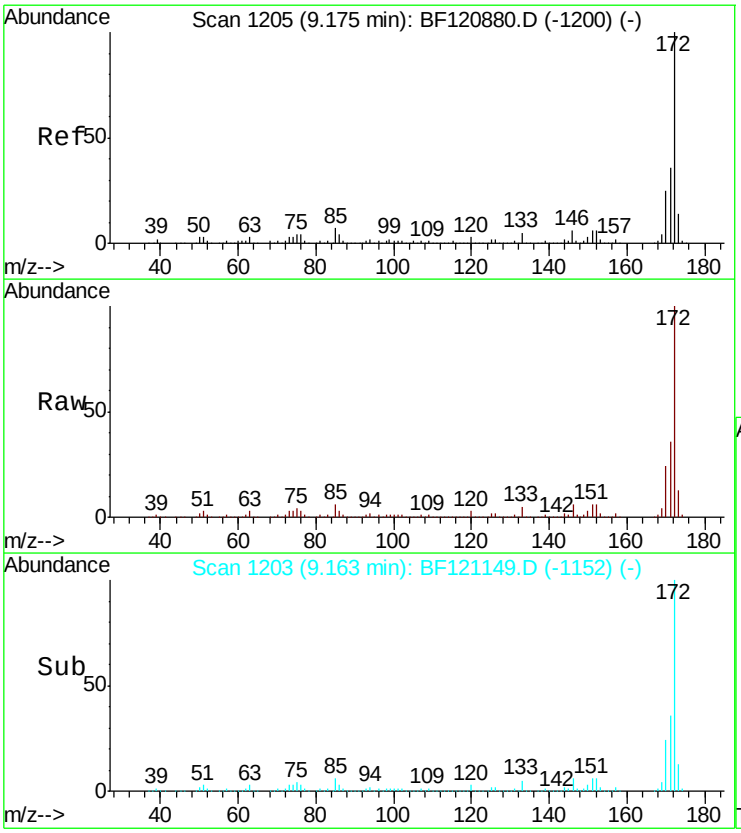
#42
2,4,6-Tribromophenol
Concen: 108.797 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.00 min
Lab File: BF121149.D
Acq: 31 Jul 2020 10:39

Instrument :
BNA_F
ClientSampleId :
PB130555BL

Tgt Ion:330 Resp: 374648

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.1	114.1
141	28.9	24.1	36.1

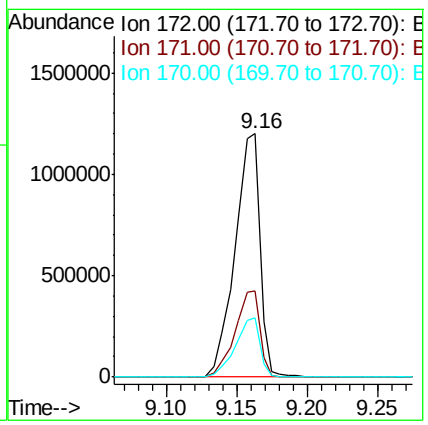


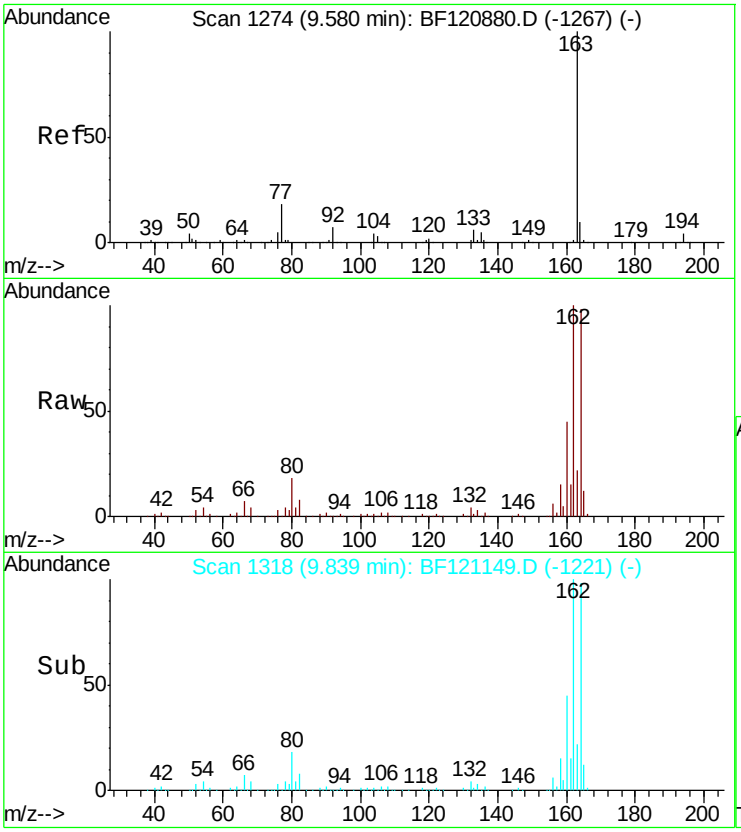


#45
2-Fluorobiphenyl
Concen: 70.640 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BF121149.D
Acq: 31 Jul 2020 10:39

Tgt Ion:172 Resp: 1488443

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.0	43.4
170	24.2	19.6	29.4



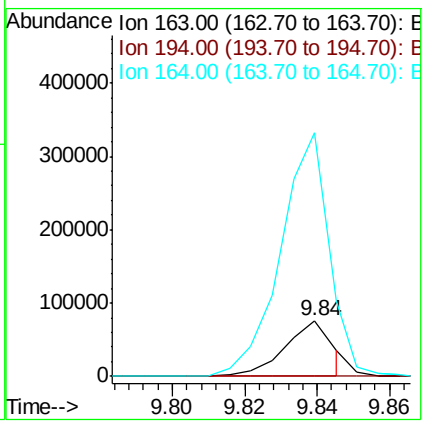


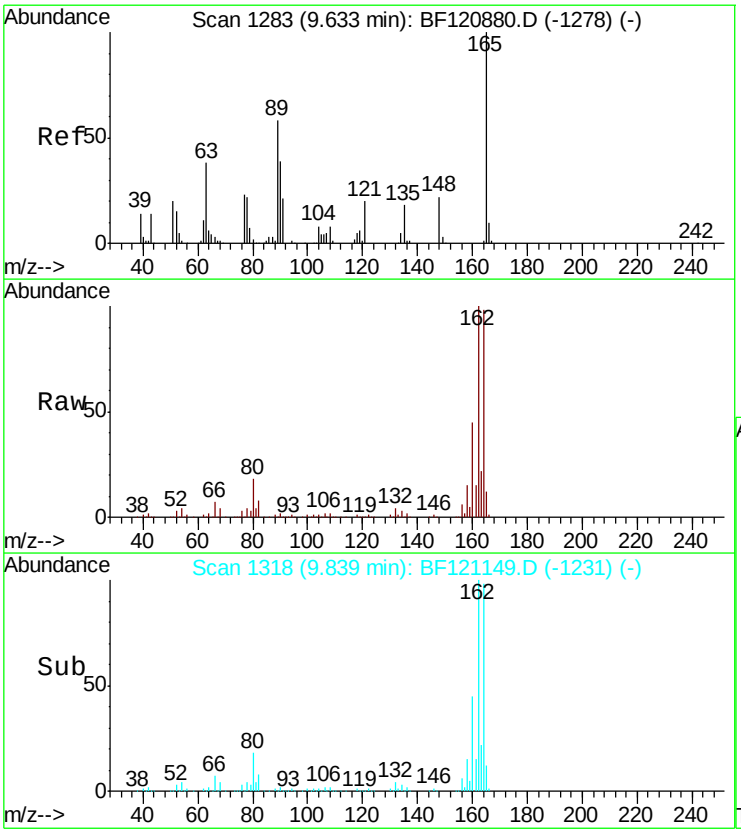
#50
Dimethylphthalate
Concen: 3.041 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.27 min
Lab File: BF121149.D
Acq: 31 Jul 2020 10:39

Instrument : BNA_F
ClientSampleId : PB130555BL

Tgt Ion:163 Resp: 69019

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.0	4.4#
164	437.8	8.4	12.6#

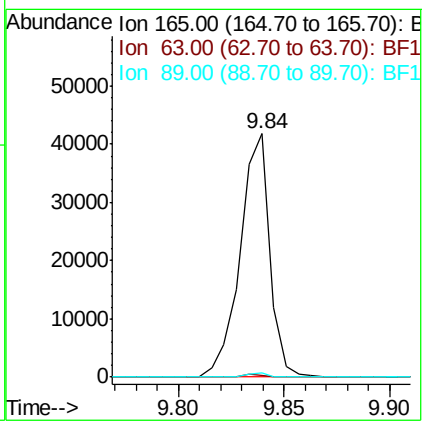


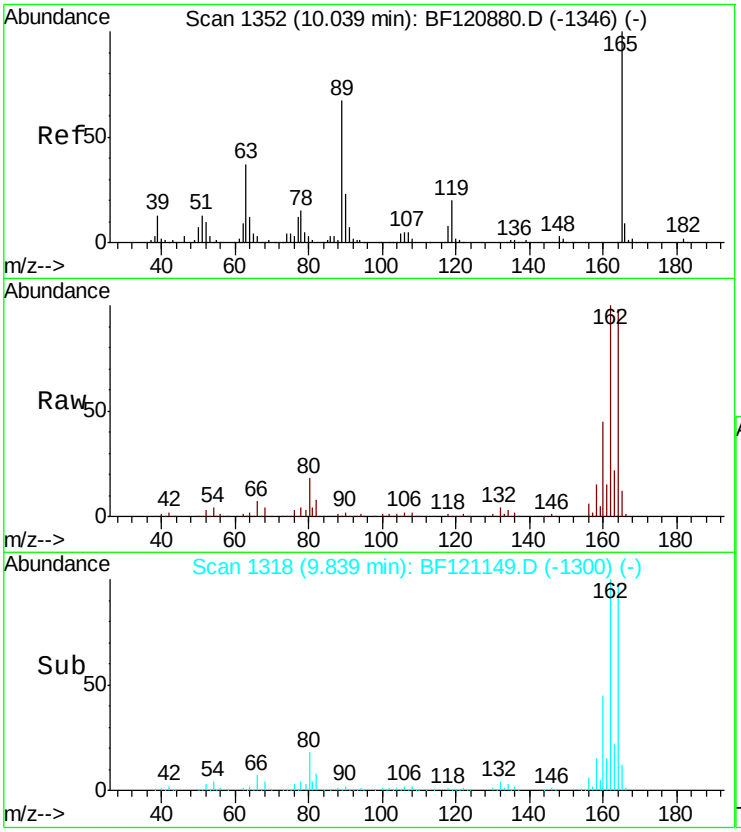


#51
2,6-Dinitrotoluene
Concen: 8.317 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.21 min
Lab File: BF121149.D
Acq: 31 Jul 2020 10:39

Tgt Ion:165 Resp: 40556

Ion	Ratio	Lower	Upper
165	100		
63	0.9	41.1	61.7#
89	1.7	43.5	65.3#



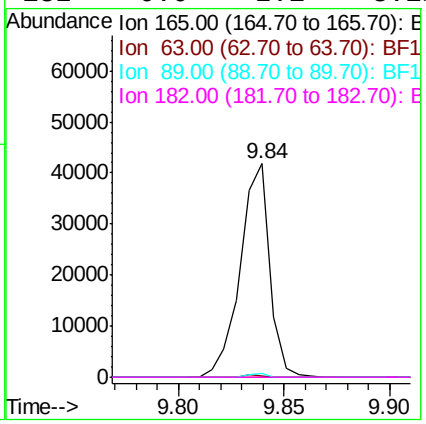


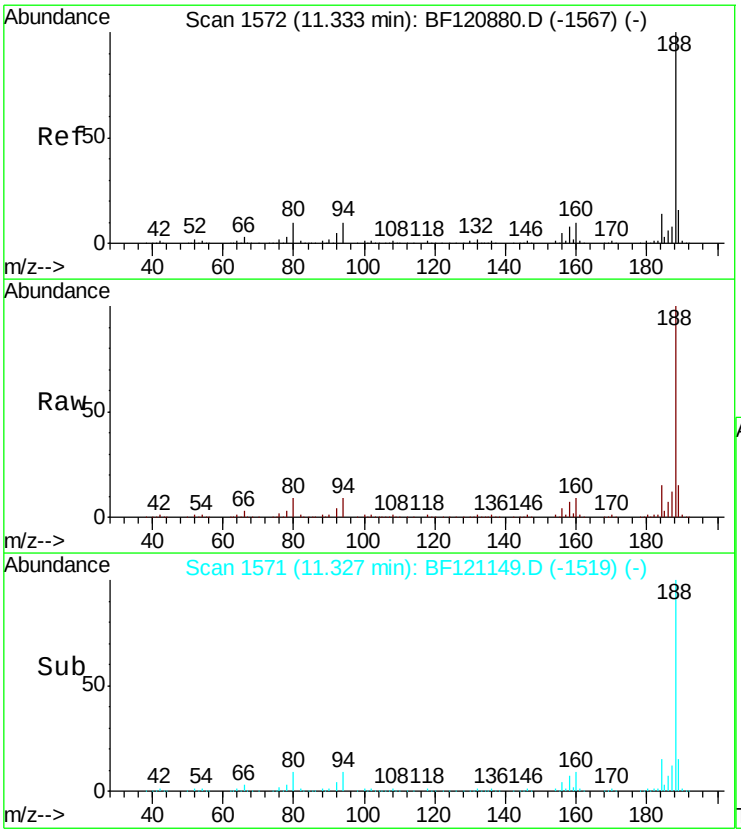
#57
2,4-Dinitrotoluene
Concen: 6.334 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.19 min
Lab File: BF121149.D
Acq: 31 Jul 2020 10:39

Instrument :
BNA_F
ClientSampleId :
PB130555BL

Tgt Ion:165 Resp: 40556

Ion	Ratio	Lower	Upper
165	100		
63	0.9	29.8	44.8#
89	1.7	50.3	75.5#
182	0.0	2.1	3.1#

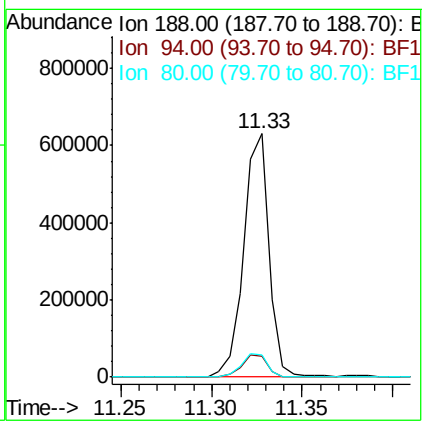


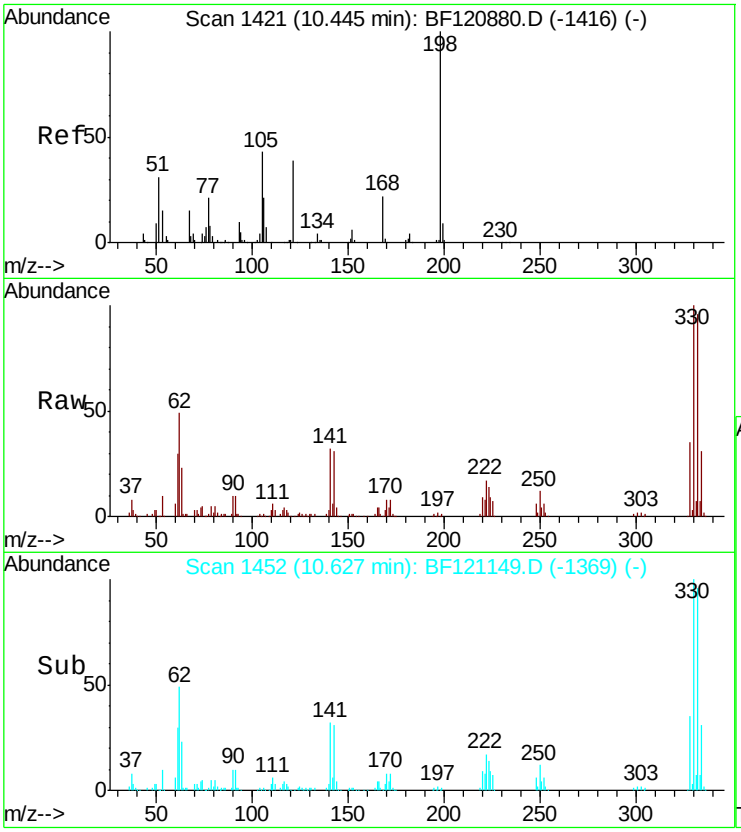


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.01 min
Lab File: BF121149.D
Acq: 31 Jul 2020 10:39

Tgt Ion:188 Resp: 612850

Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.0	12.0
80	9.0	8.3	12.5



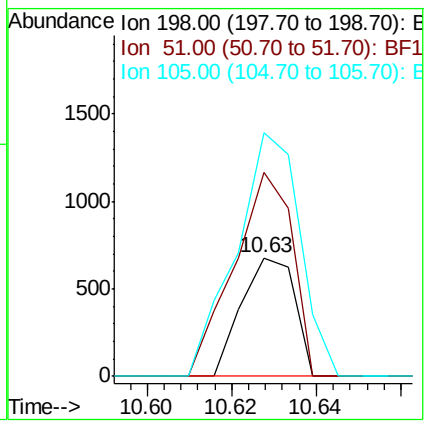


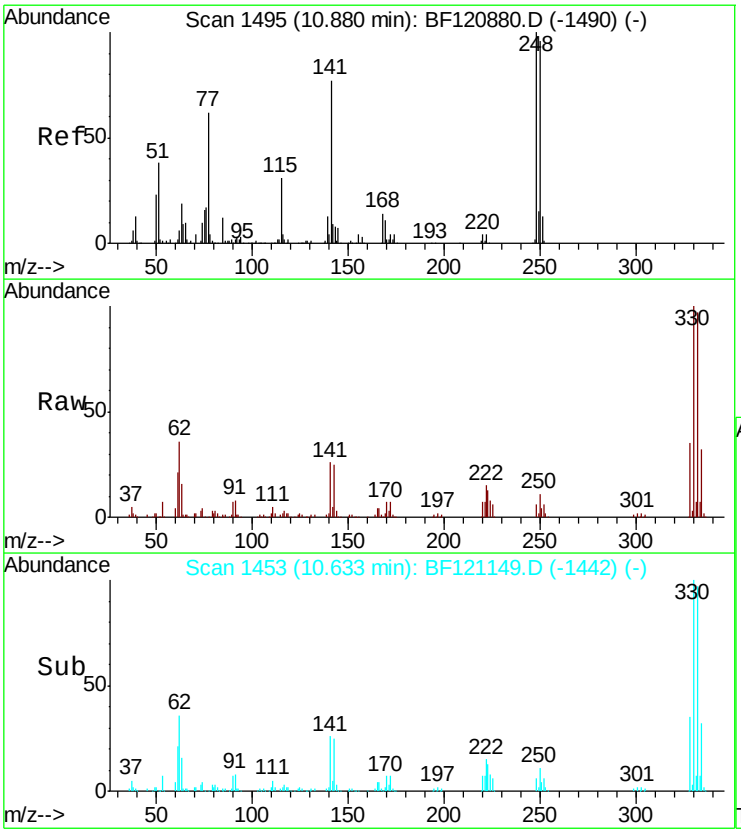
#65
4,6-Dinitro-2-methylphenol
Concen: 3.997 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.19 min
Lab File: BF121149.D
Acq: 31 Jul 2020 10:39

Instrument :
BNA_F
ClientSampleId :
PB130555BL

Tgt Ion:198 Resp: 594

Ion	Ratio	Lower	Upper
198	100		
51	172.3	23.4	63.4#
105	205.9	23.7	63.7#

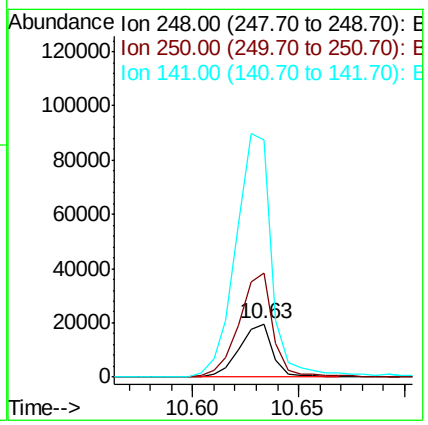


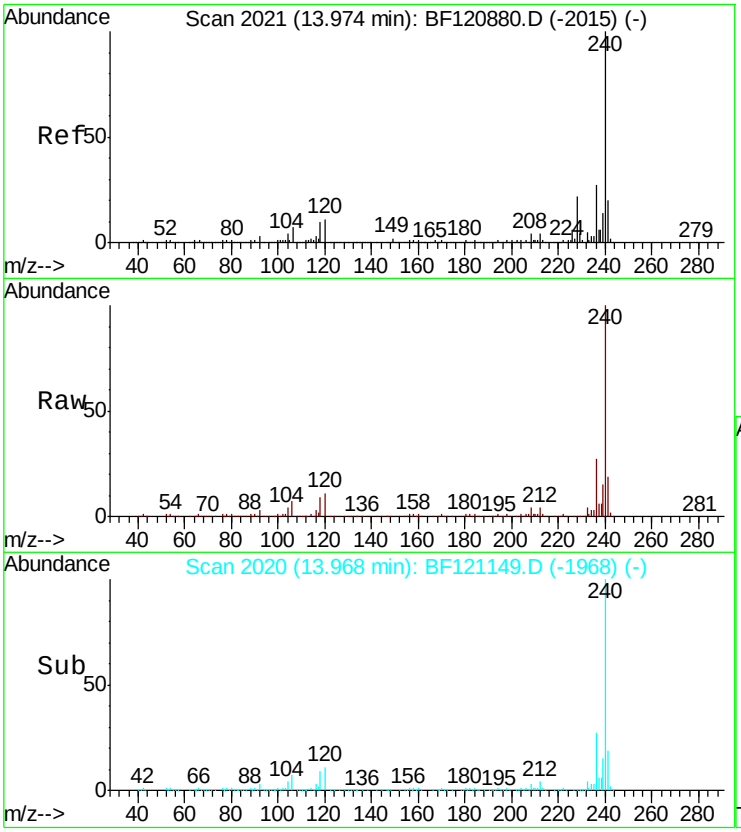


#67
4-Bromophenyl-phenylether
Concen: 3.116 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.24 min
Lab File: BF121149.D
Acq: 31 Jul 2020 10:39

Tgt Ion:248 Resp: 21294

Ion	Ratio	Lower	Upper
248	100		
250	196.2	77.0	115.6#
141	446.0	56.6	85.0#



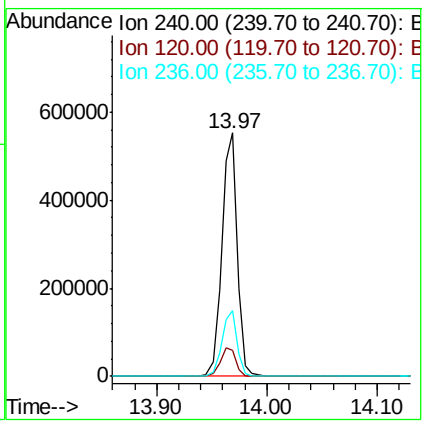


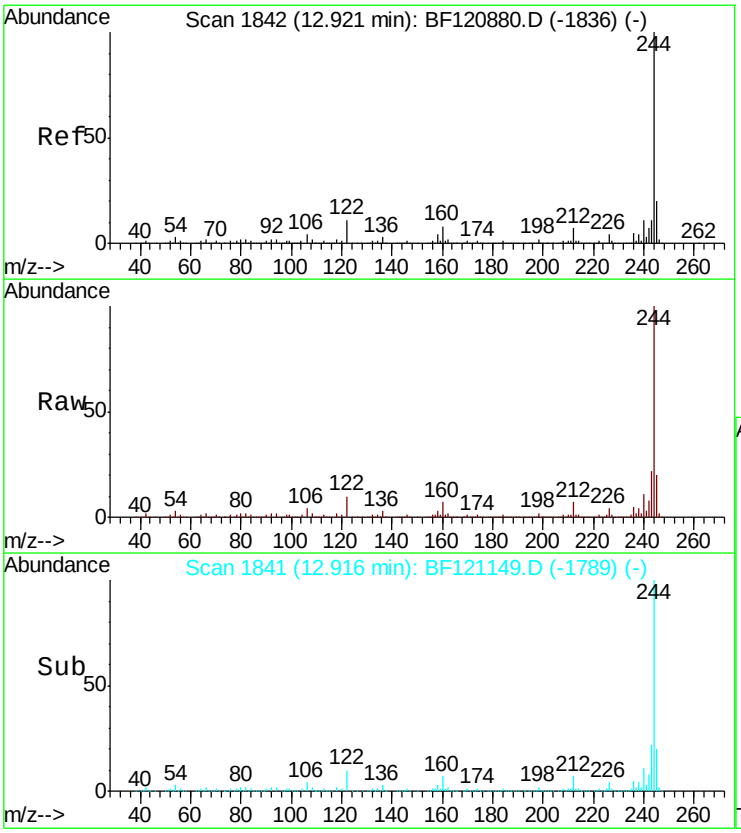
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.01 min
Lab File: BF121149.D
Acq: 31 Jul 2020 10:39

Instrument :
BNA_F
ClientSampleId :
PB130555BL

Tgt Ion:240 Resp: 533596

Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.3	13.9
236	27.1	21.1	31.7

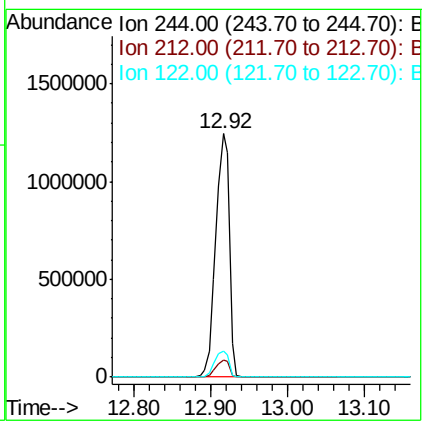


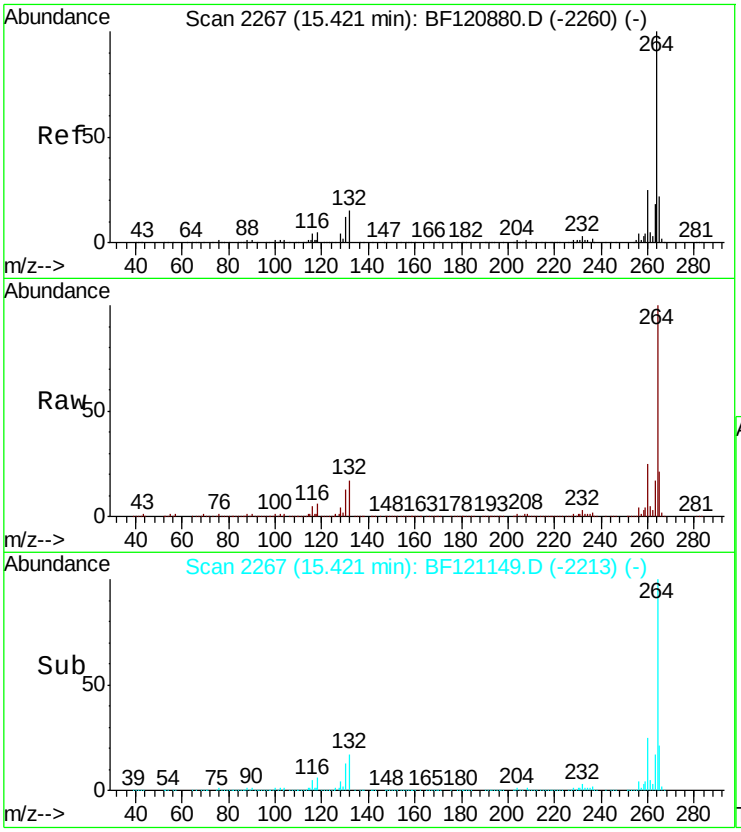


#79
Terphenyl-d14
Concen: 61.021 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.01 min
Lab File: BF121149.D
Acq: 31 Jul 2020 10:39

Tgt Ion:244 Resp: 1497875

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	10.5	8.3	12.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.02 min
Lab File: BF121149.D
Acq: 31 Jul 2020 10:39

Instrument :
BNA_F
ClientSampleId :
PB130555BL

Tgt Ion:264 Resp: 529965

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.9	29.9
265	21.4	17.8	26.8