Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073020\
Data File : BF121131.D
Acq On : 30 Jul 2020 16:39
Operator : JU/CG
Sample : L3183-22
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-072820

Quant Time: Jul 30 17:26:26 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	135981	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	526796	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	273380	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	553575	20.00	ng	0.00
76) Chrysene-d12	13.96	240	510064	20.00	ng	0.00
86) Perylene-d12	15.41	264	503726	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	955972	115.25	ng	0.00
7) Phenol-d6	6.44	99	1049032	97.91	ng	0.00
23) Nitrobenzene-d5	7.36	82	812482	89.24	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	409712	136.92	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1378983	75.31	ng	0.00
79) Terphenyl-d14	12.92	244	1658547	70.68	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.44	77	1468	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.36	70	106880	17.542	ng	# 77
25) Isophorone	7.36	82	807991	44.469	ng	# 62
27) 2,4-Dimethylphenol	7.82	122	15652	2.069	ng	# 5
32) Benzoic acid	7.82	122	15652	2.756	ng	94
51) 2,6-Dinitrotoluene	9.83	165	35585	8.398	ng	# 27
57) 2,4-Dinitrotoluene	9.83	165	35585	6.395	ng	# 29
65) 4,6-Dinitro-2-methylphenol	10.63	198	795	4.071	ng	# 1
67) 4-Bromophenyl-phenylether	10.63	248	23296	3.775	ng	# 1

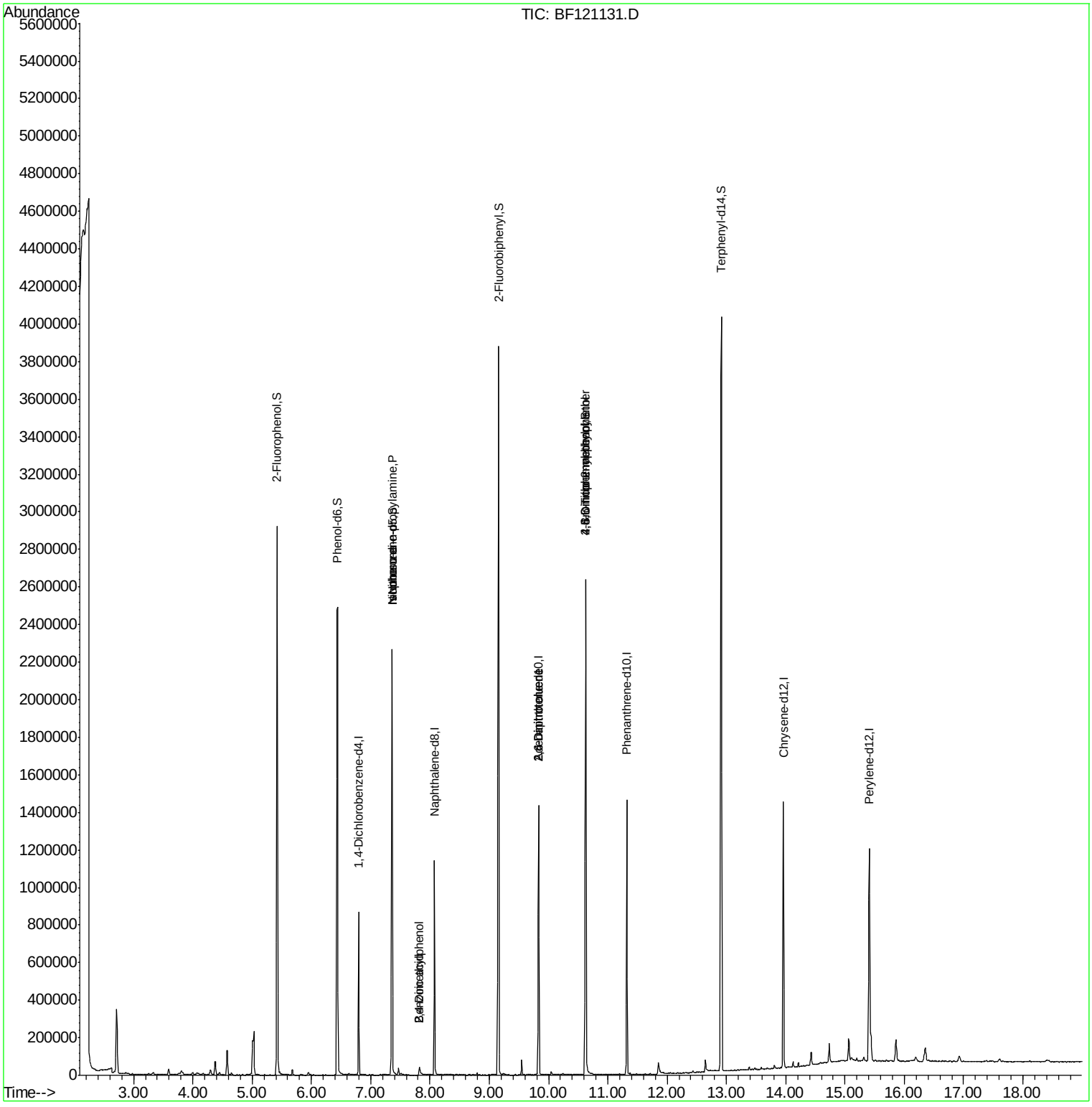
(#) = qualifier out of range (m) = manual integration (+) = signals summed

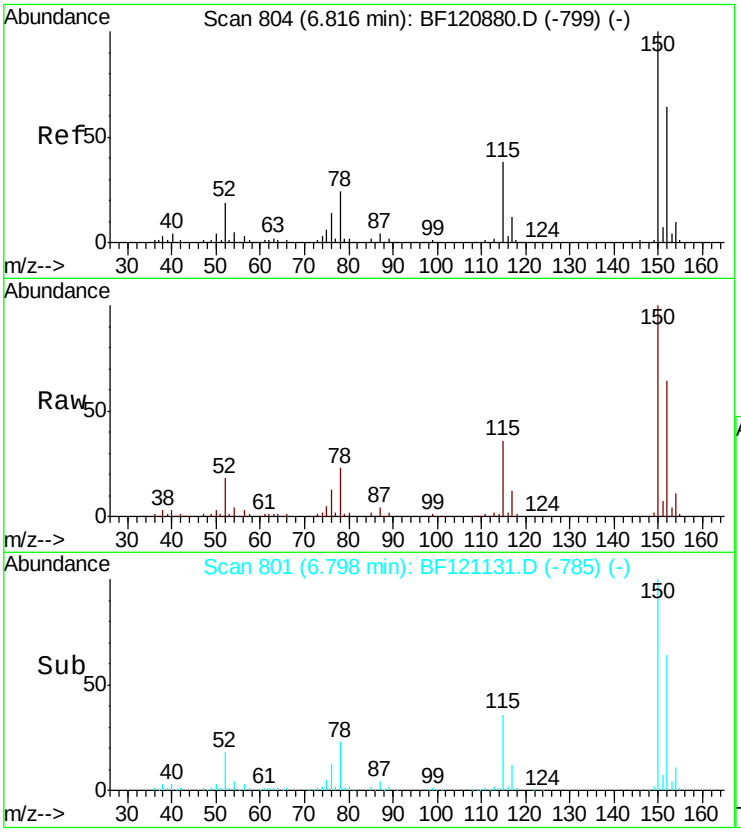
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073020\
Data File : BF121131.D
Acq On : 30 Jul 2020 16:39
Operator : JU/CG
Sample : L3183-22
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-072820

Quant Time: Jul 30 17:26:26 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



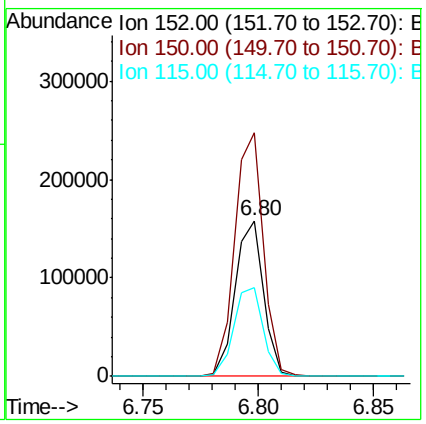


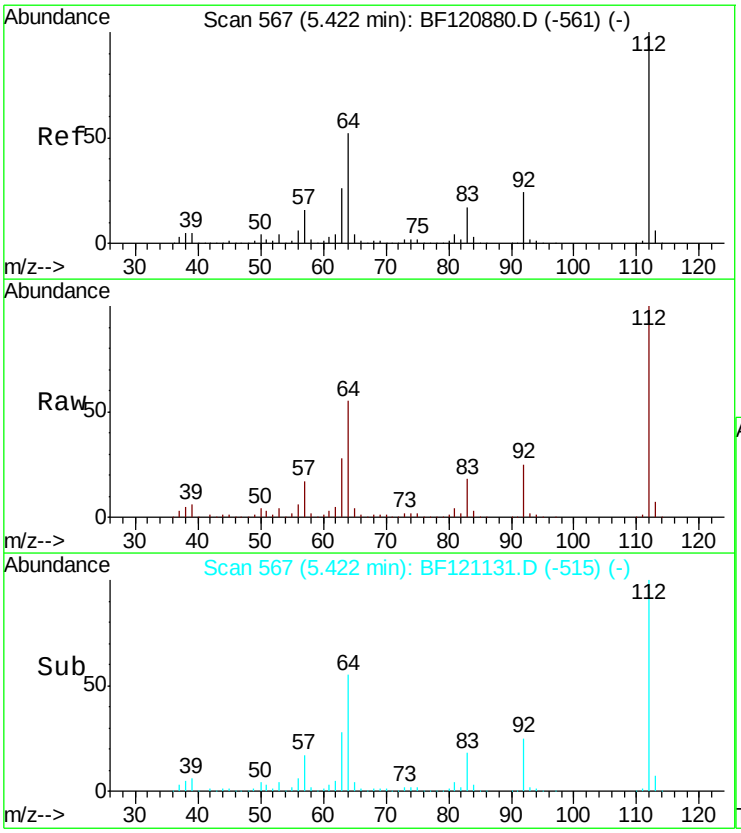
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF121131.D
Acq: 30 Jul 2020 16:39

Instrument :
BNA_F
ClientSampleId :
OK-02-072820

Tgt Ion:152 Resp: 135981

Ion	Ratio	Lower	Upper
152	100		
150	156.6	125.6	188.4
115	57.0	46.2	69.2

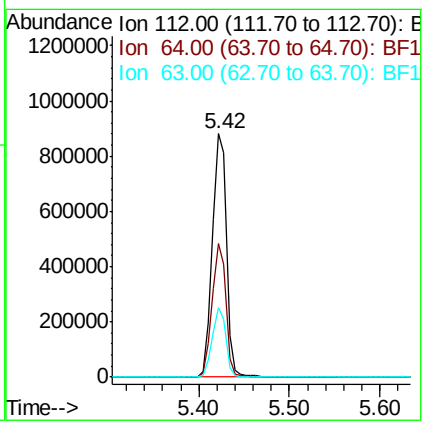


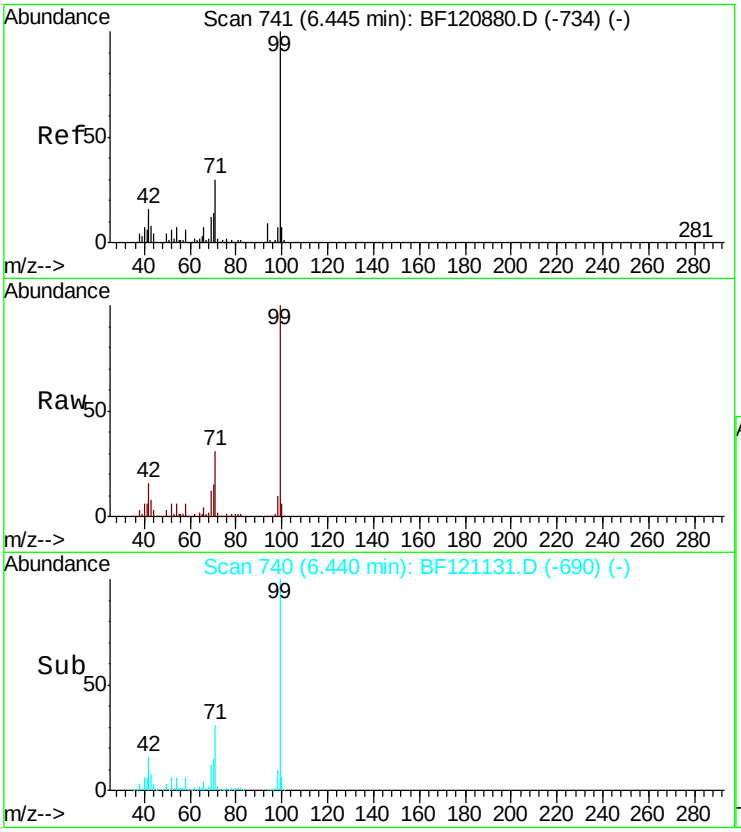


#5
2-Fluorophenol
Concen: 115.250 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF121131.D
Acq: 30 Jul 2020 16:39

Tgt Ion:112 Resp: 955972

Ion	Ratio	Lower	Upper
112	100		
64	55.1	43.9	65.9
63	28.5	22.7	34.1



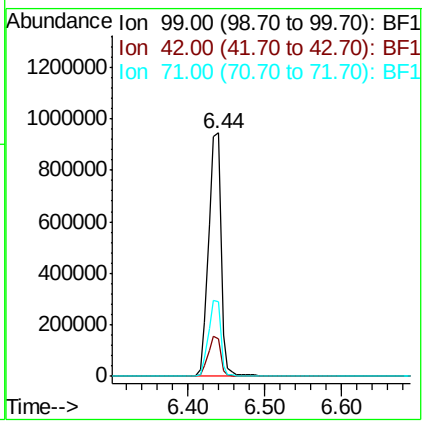


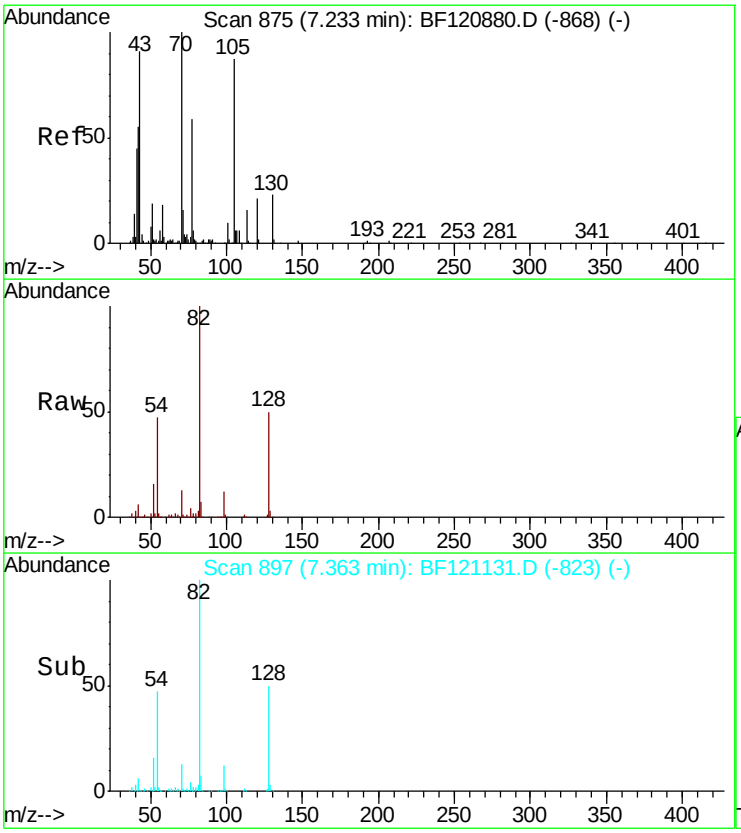
#7
Phenol-d6
Concen: 97.905 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF121131.D
Acq: 30 Jul 2020 16:39

Instrument :
BNA_F
ClientSampleId :
OK-02-072820

Tgt Ion: 99 Resp: 1049032

Ion	Ratio	Lower	Upper
99	100		
42	15.5	13.5	20.3
71	30.5	25.0	37.4

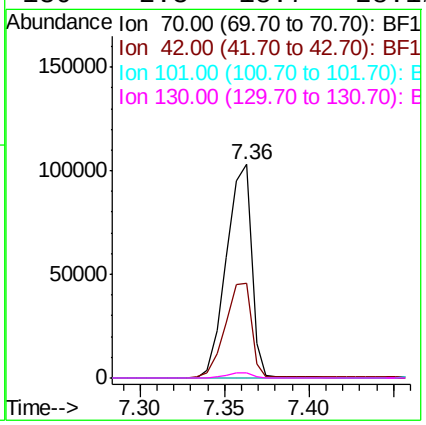


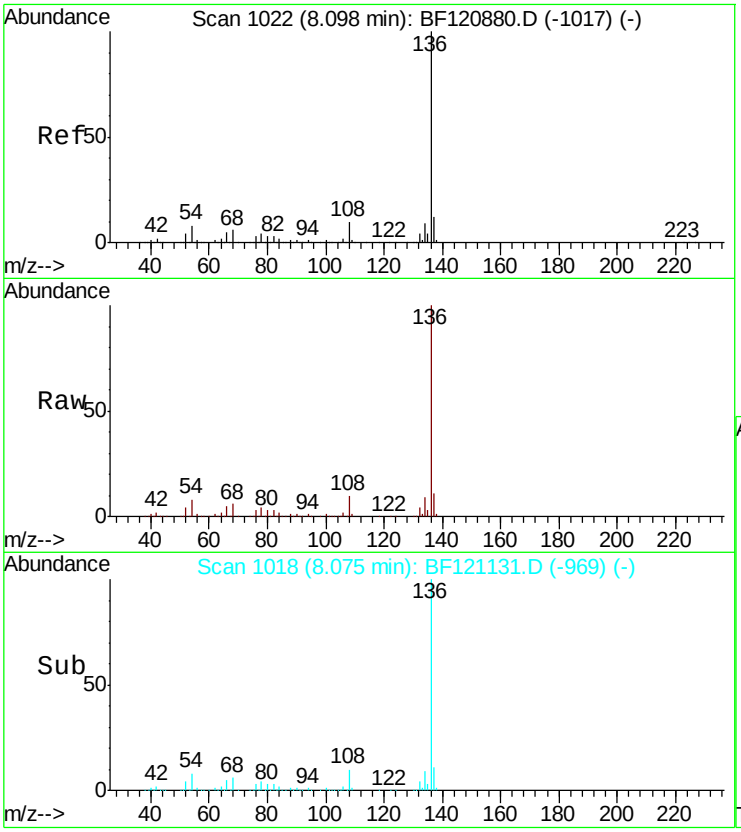


#19
n-Nitroso-di-n-propylamine
Concen: 17.542 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.14 min
Lab File: BF121131.D
Acq: 30 Jul 2020 16:39

Tgt Ion: 70 Resp: 106880

Ion	Ratio	Lower	Upper
70	100		
42	44.5	43.3	64.9
101	0.0	8.4	12.6#
130	2.3	18.7	28.1#



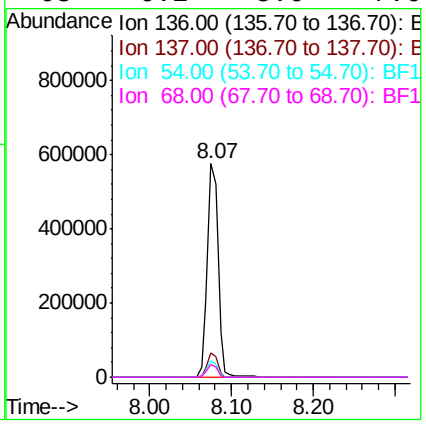


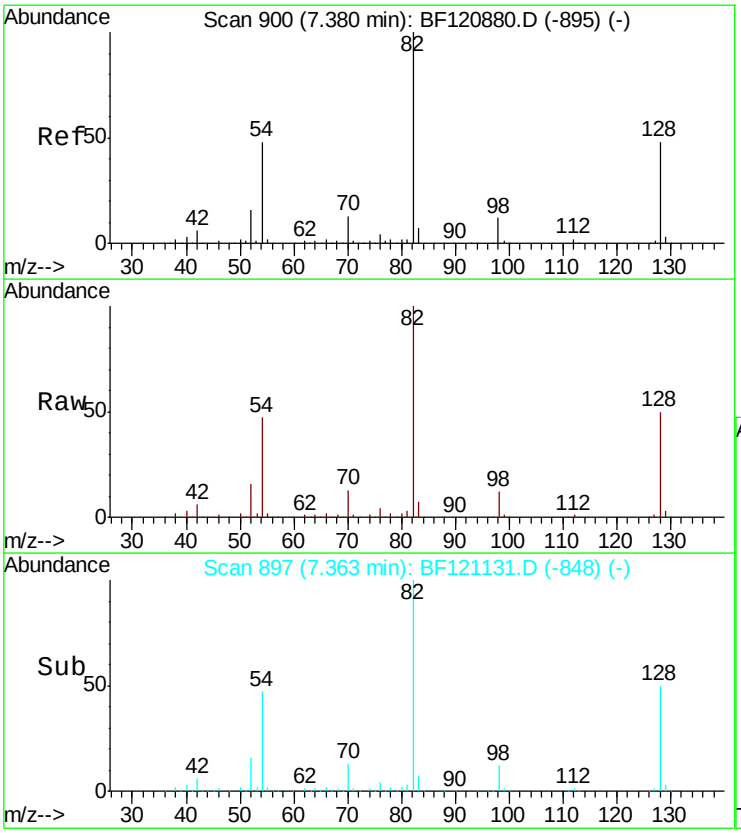
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF121131.D
Acq: 30 Jul 2020 16:39

Instrument :
BNA_F
ClientSampleId :
OK-02-072820

Tgt Ion:136 Resp: 526796

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	7.6	6.1	9.1
68	6.2	5.0	7.6

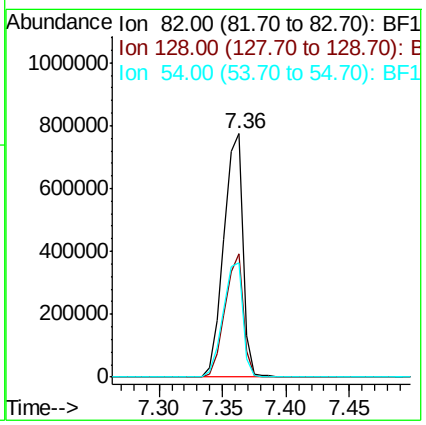


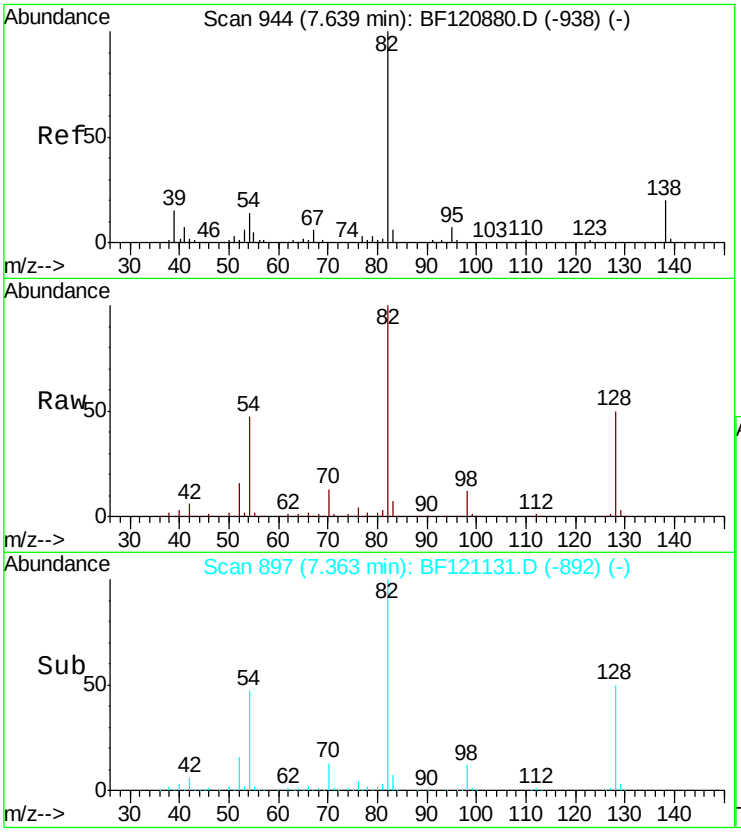


#23
Nitrobenzene-d5
Concen: 89.243 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF121131.D
Acq: 30 Jul 2020 16:39

Tgt Ion: 82 Resp: 812482

Ion	Ratio	Lower	Upper
82	100		
128	50.4	39.2	58.8
54	47.0	37.8	56.8



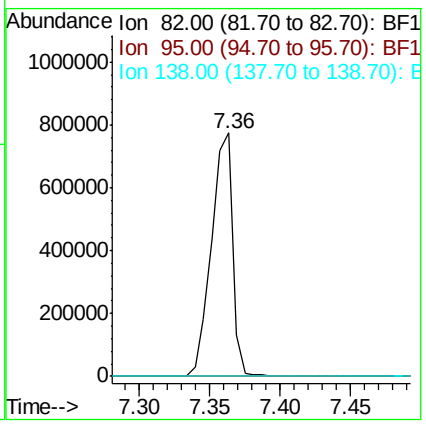


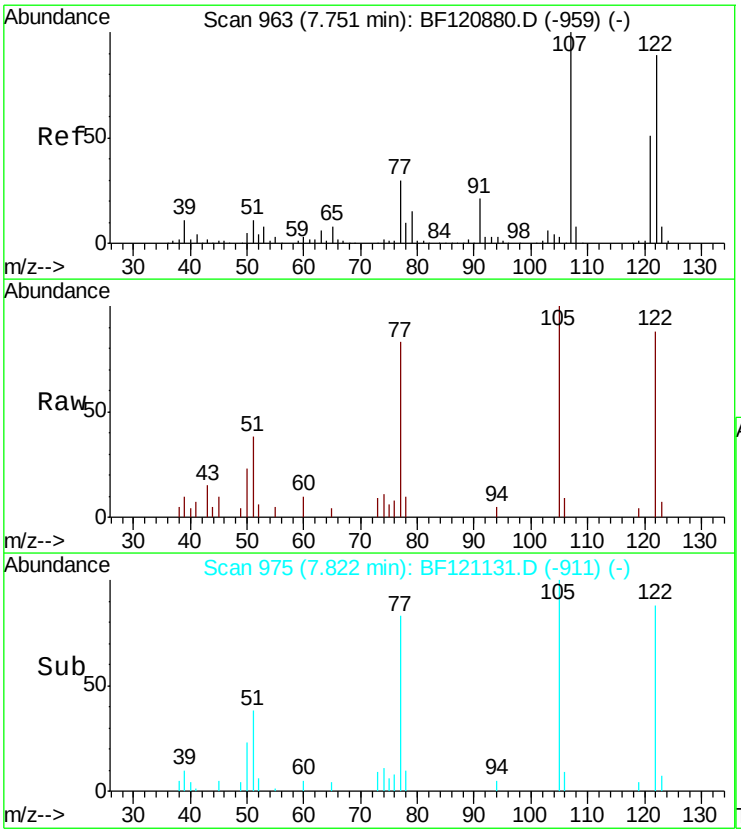
#25
Isophorone
Concen: 44.469 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.27 min
Lab File: BF121131.D
Acq: 30 Jul 2020 16:39

Instrument :
BNA_F
ClientSampleId :
OK-02-072820

Tgt Ion: 82 Resp: 807991

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

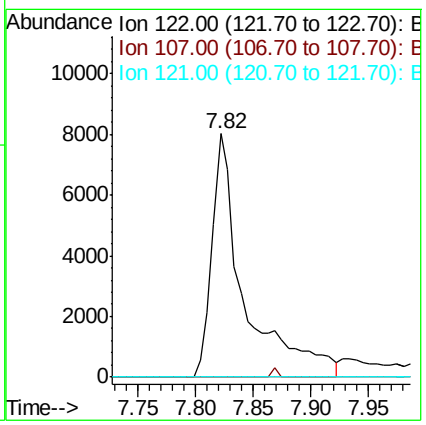


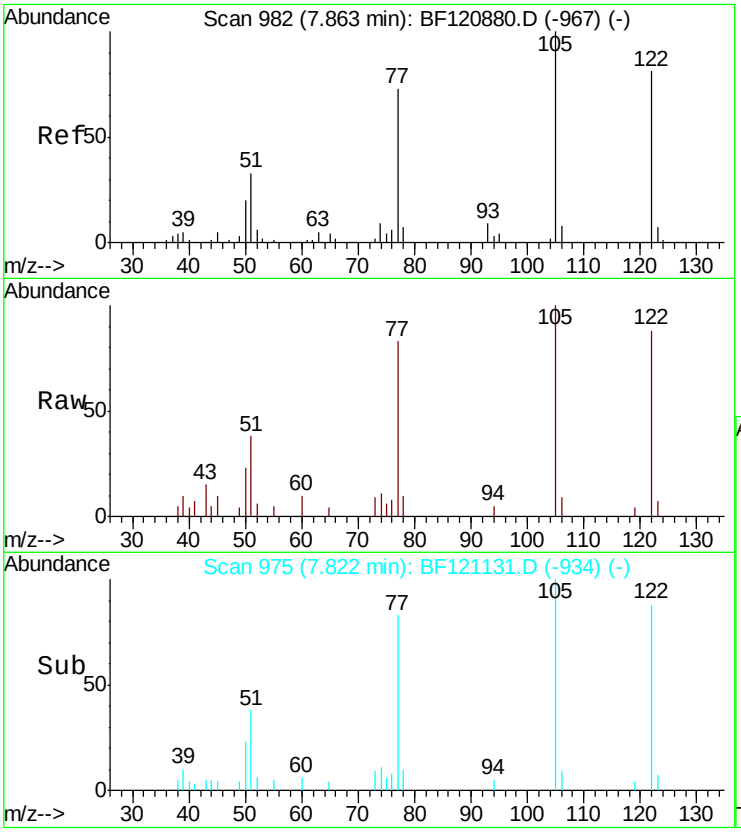


#27
2,4-Dimethylphenol
Concen: 2.069 ng
RT: 7.82 min Scan# 975
Delta R.T. 0.08 min
Lab File: BF121131.D
Acq: 30 Jul 2020 16:39

Tgt Ion:122 Resp: 15652

Ion	Ratio	Lower	Upper
122	100		
107	0.0	87.1	130.7#
121	0.0	45.5	68.3#



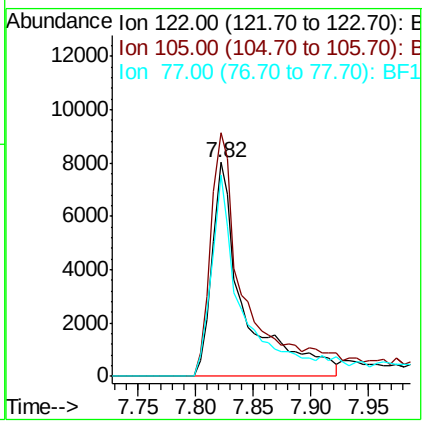


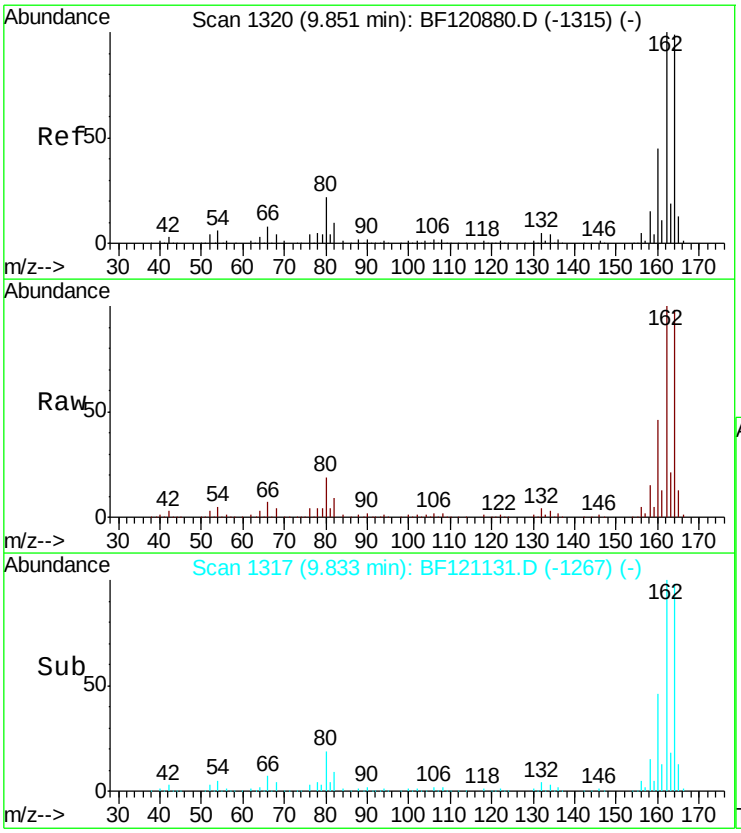
#32
Benzoic acid
Concen: 2.756 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.06 min
Lab File: BF121131.D
Acq: 30 Jul 2020 16:39

Instrument :
BNA_F
ClientSampleId :
OK-02-072820

Tgt Ion:122 Resp: 15652

Ion	Ratio	Lower	Upper
122	100		
105	113.7	100.9	140.9
77	93.9	67.8	107.8

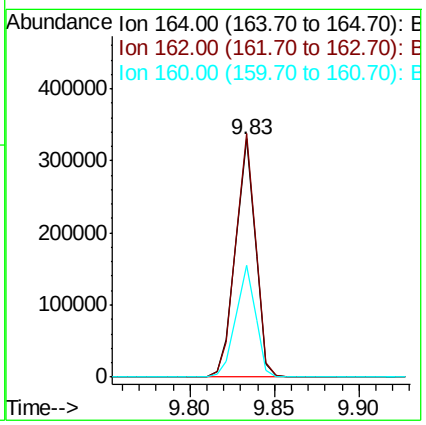


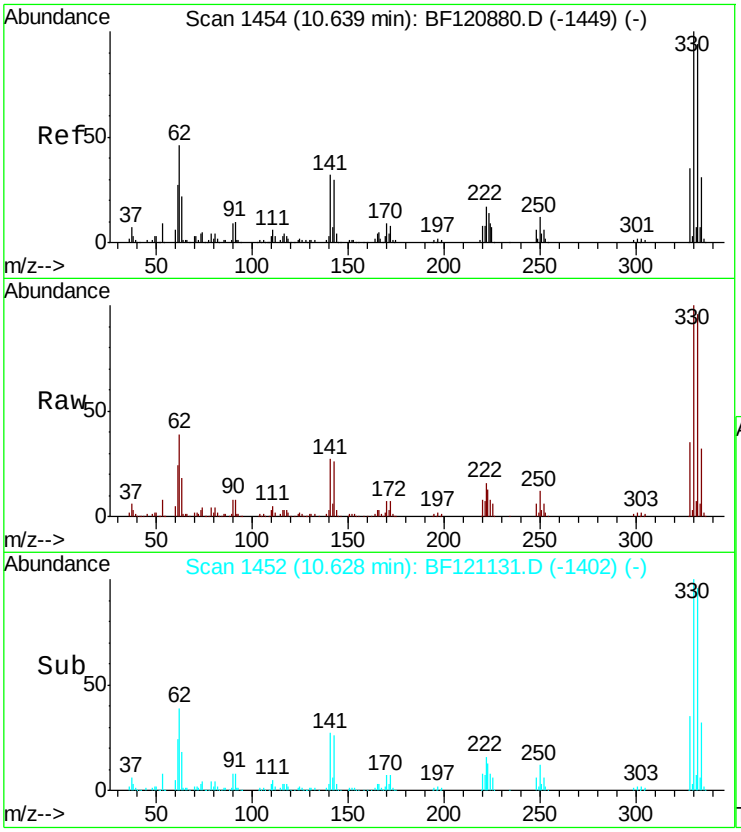


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF121131.D
Acq: 30 Jul 2020 16:39

Tgt Ion:164 Resp: 273380

Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.2	123.2
160	46.8	37.2	55.8



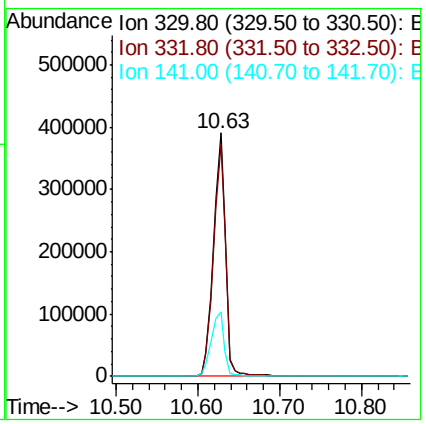


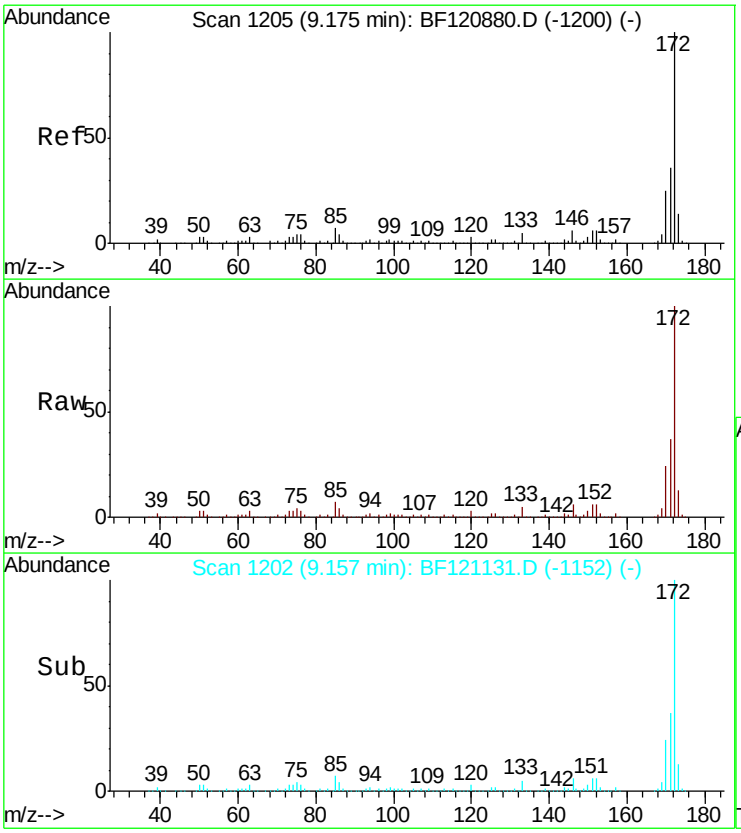
#42
2,4,6-Tribromophenol
Concen: 136.917 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF121131.D
Acq: 30 Jul 2020 16:39

Instrument :
BNA_F
ClientSampleId :
OK-02-072820

Tgt Ion:330 Resp: 409712

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.1	114.1
141	28.4	24.1	36.1

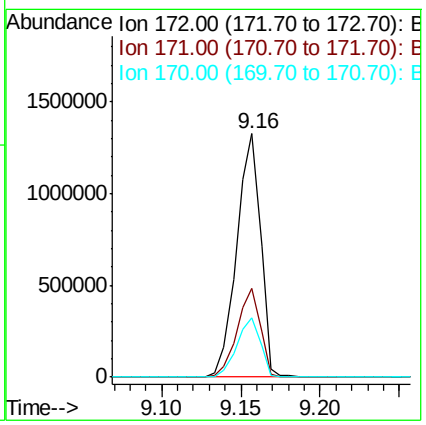


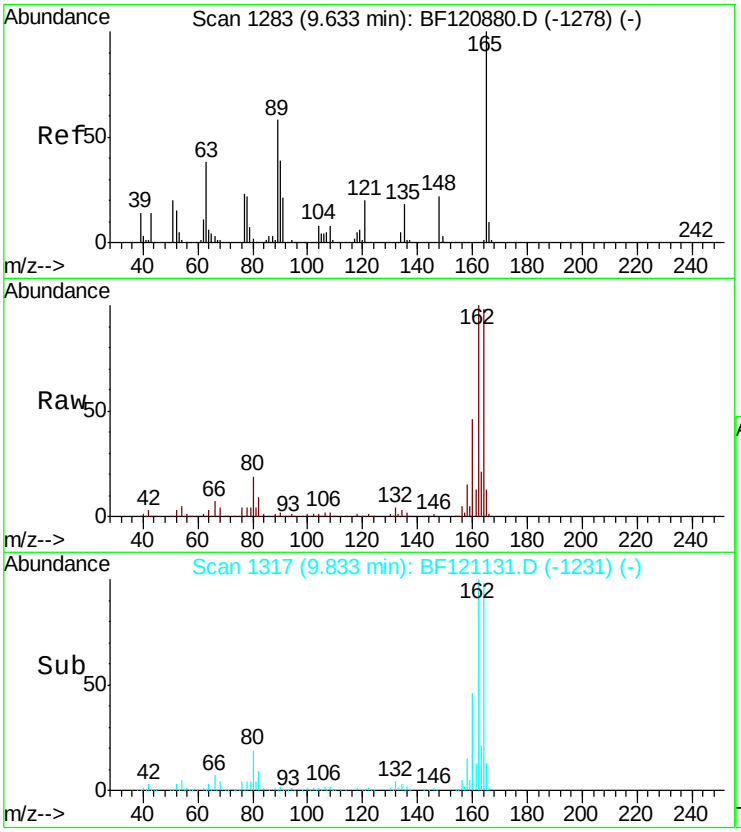


#45
2-Fluorobiphenyl
Concen: 75.312 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF121131.D
Acq: 30 Jul 2020 16:39

Tgt Ion:172 Resp: 1378983

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.4
170	24.5	19.6	29.4



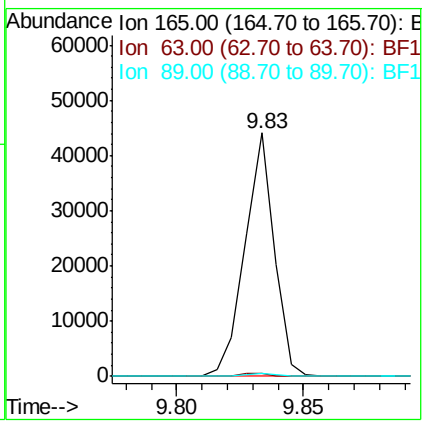


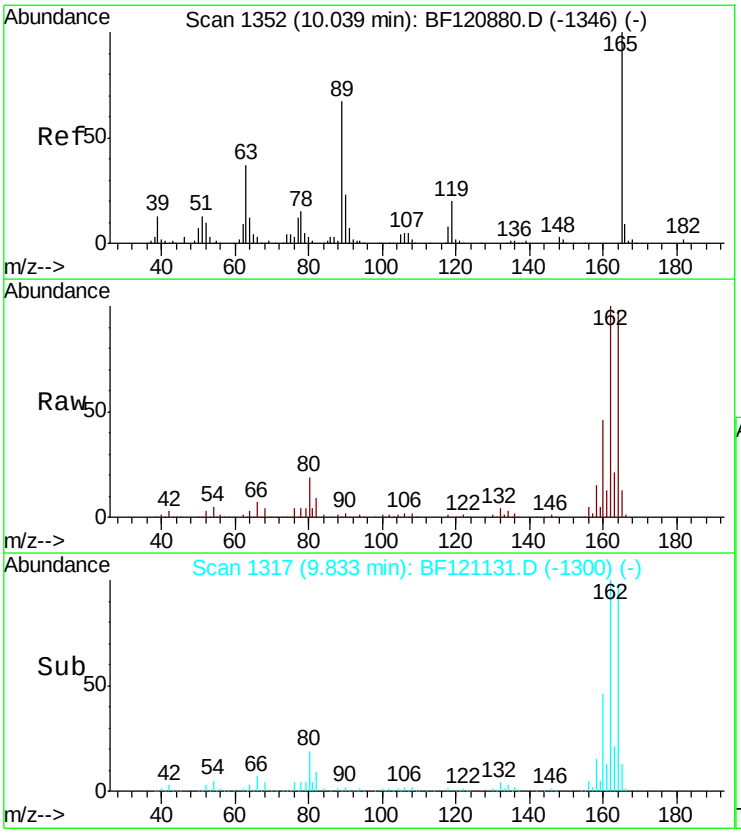
#51
2,6-Dinitrotoluene
Concen: 8.398 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.21 min
Lab File: BF121131.D
Acq: 30 Jul 2020 16:39

Instrument :
BNA_F
ClientSampleId :
OK-02-072820

Tgt Ion:165 Resp: 35585

Ion	Ratio	Lower	Upper
165	100		
63	1.1	41.1	61.7#
89	1.1	43.5	65.3#

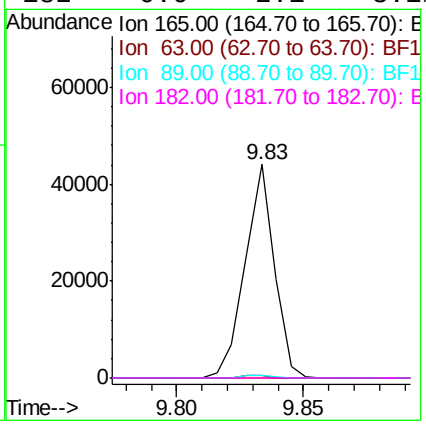


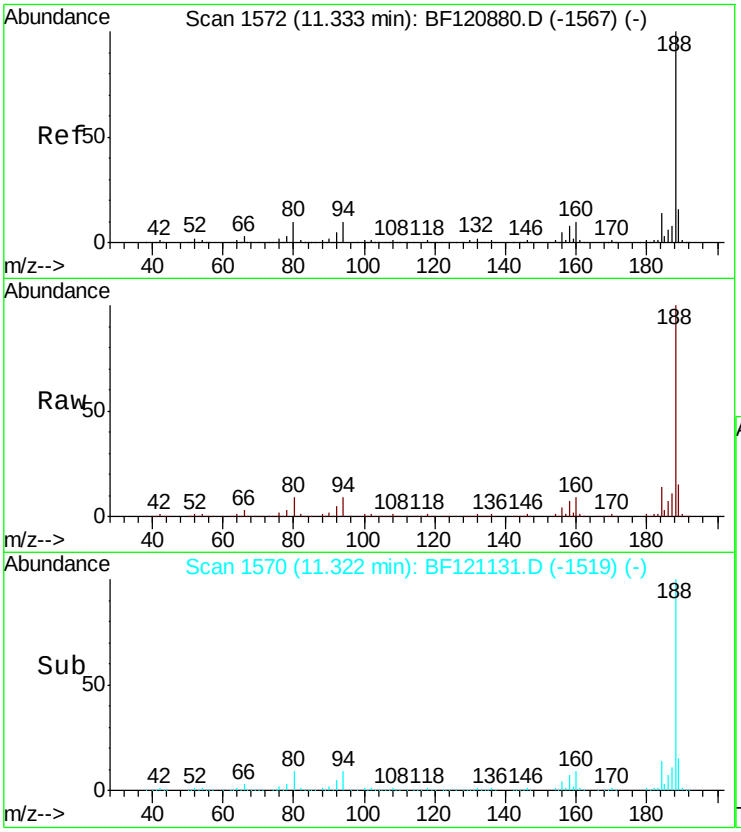


#57
2,4-Dinitrotoluene
Concen: 6.395 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.20 min
Lab File: BF121131.D
Acq: 30 Jul 2020 16:39

Tgt Ion:165 Resp: 35585

Ion	Ratio	Lower	Upper
165	100		
63	1.1	29.8	44.8#
89	1.1	50.3	75.5#
182	0.0	2.1	3.1#



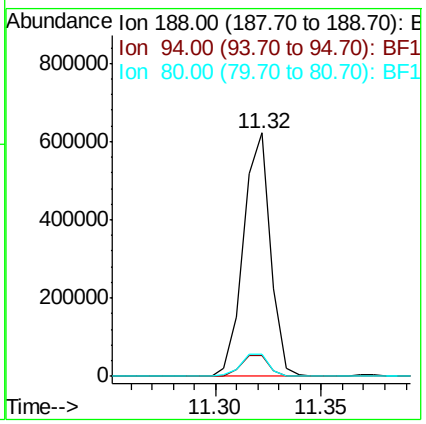


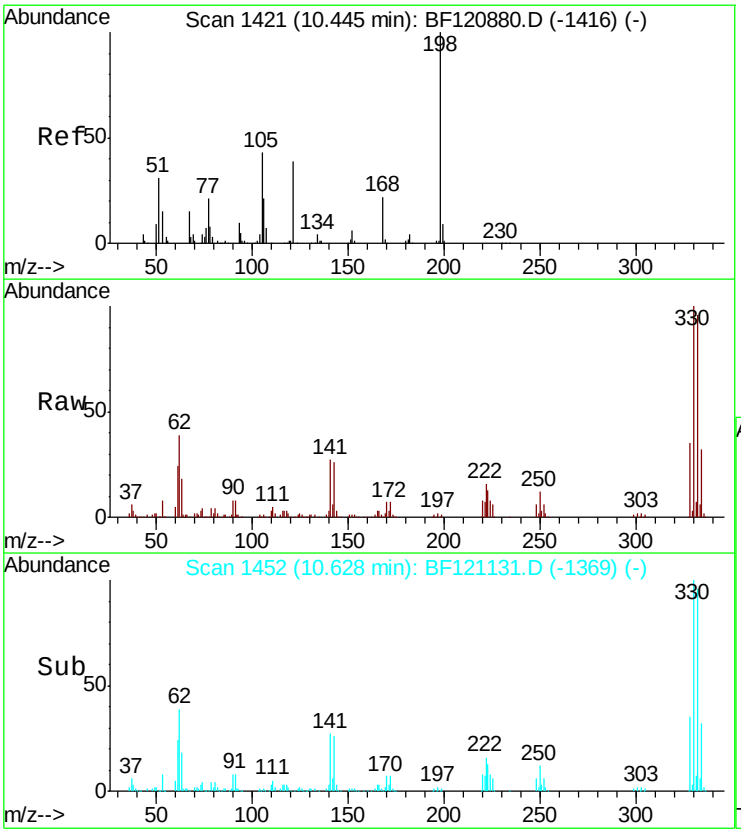
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF121131.D
Acq: 30 Jul 2020 16:39

Instrument :
BNA_F
ClientSampleId :
OK-02-072820

Tgt Ion:188 Resp: 553575

Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.0	12.0
80	9.1	8.3	12.5

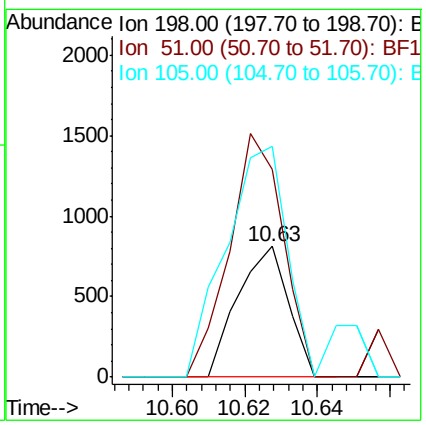


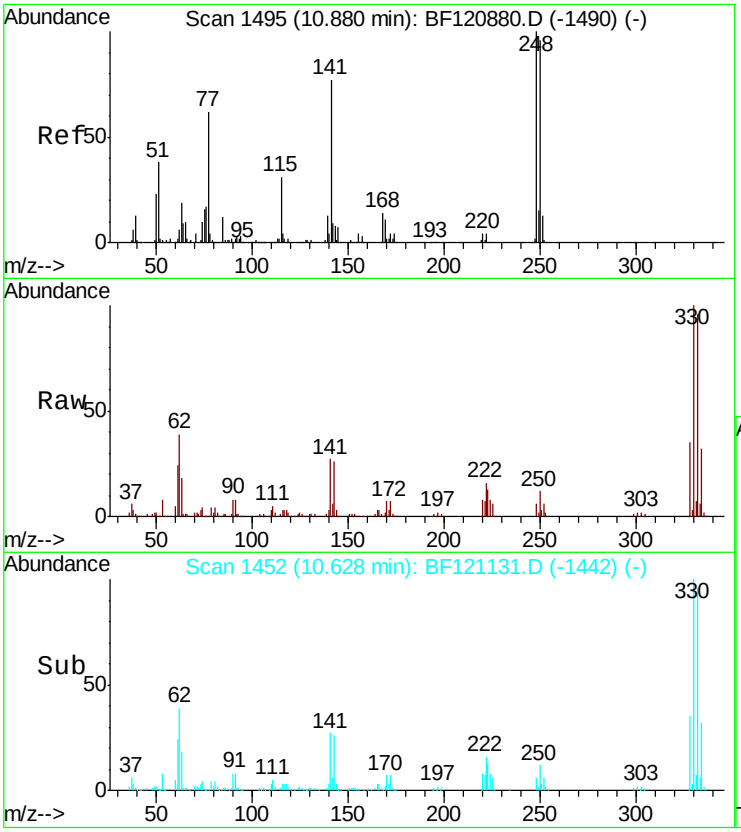


#65
4,6-Dinitro-2-methylphenol
Concen: 4.071 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.19 min
Lab File: BF121131.D
Acq: 30 Jul 2020 16:39

Tgt Ion:198 Resp: 795

Ion	Ratio	Lower	Upper
198	100		
51	159.4	23.4	63.4#
105	176.8	23.7	63.7#



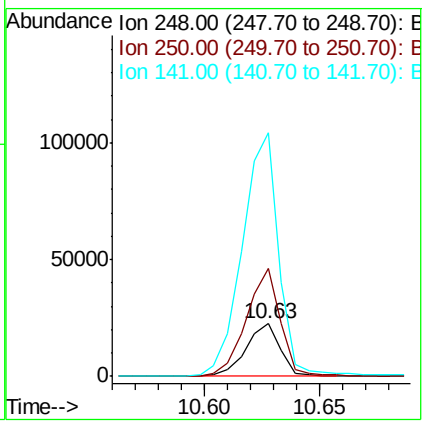


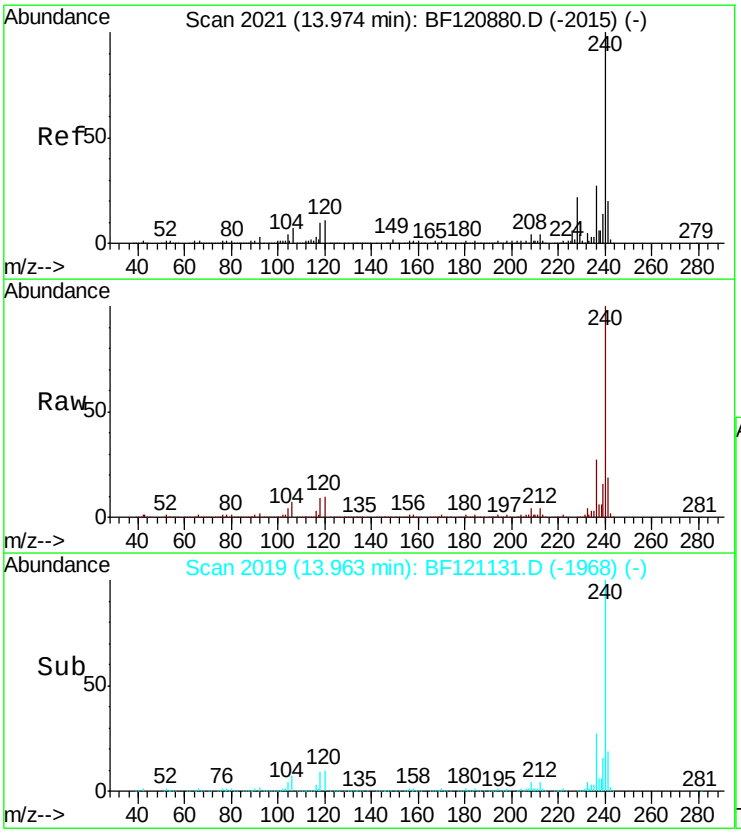
#67
4-Bromophenyl-phenylether
Concen: 3.775 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BF121131.D
Acq: 30 Jul 2020 16:39

Instrument :
BNA_F
ClientSampleId :
OK-02-072820

Tgt Ion:248 Resp: 23296

Ion	Ratio	Lower	Upper
248	100		
250	205.5	77.0	115.6#
141	462.3	56.6	85.0#

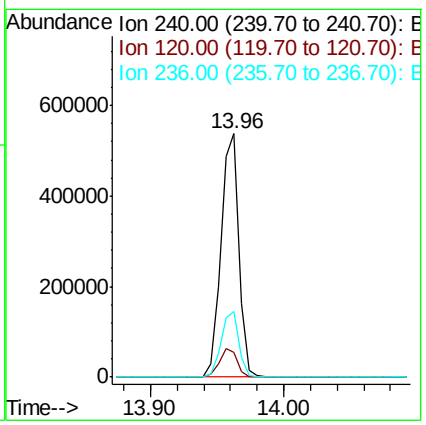


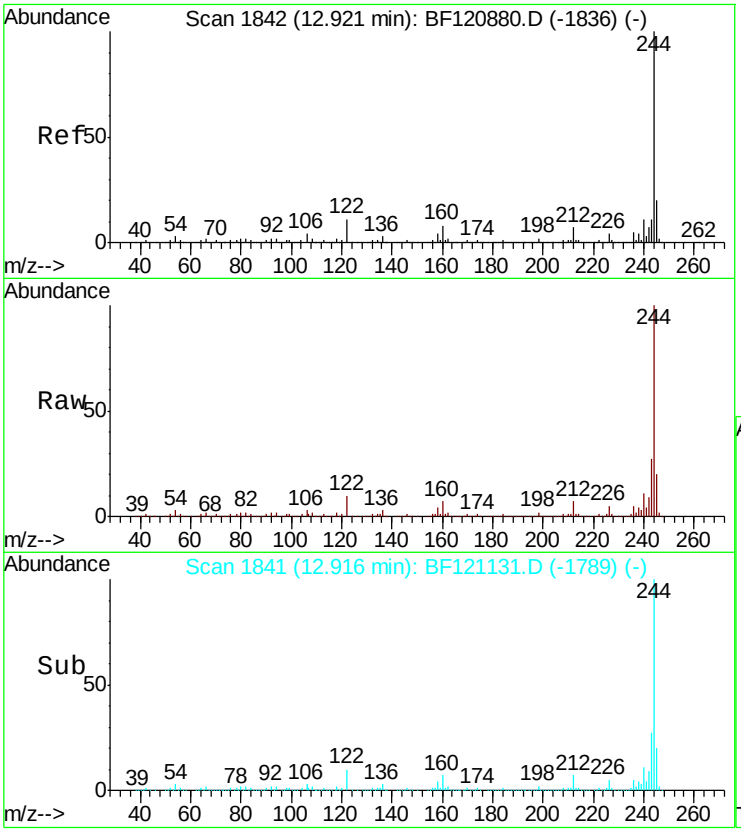


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BF121131.D
Acq: 30 Jul 2020 16:39

Tgt Ion:240 Resp: 510064

Ion	Ratio	Lower	Upper
240	100		
120	10.2	9.3	13.9
236	27.0	21.1	31.7



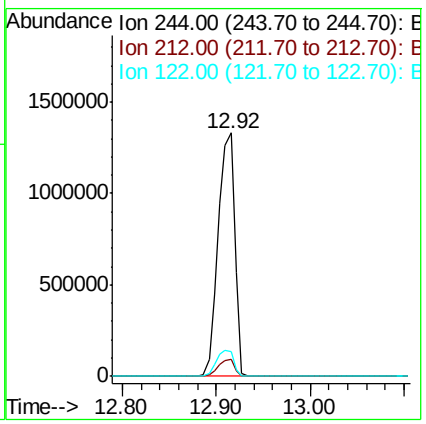


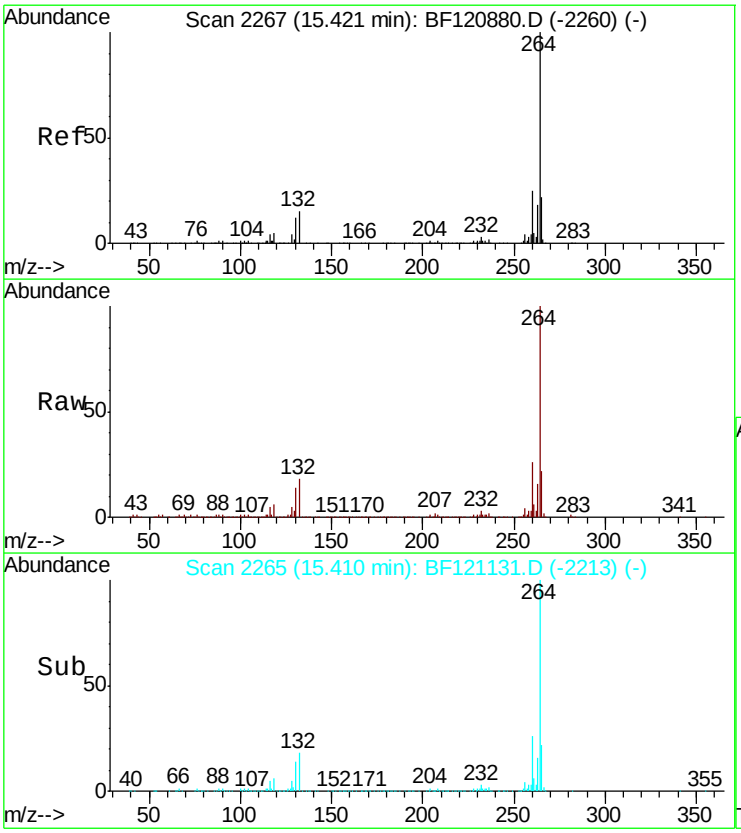
#79
Terphenyl-d14
Concen: 70.684 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.01 min
Lab File: BF121131.D
Acq: 30 Jul 2020 16:39

Instrument :
BNA_F
ClientSampleId :
OK-02-072820

Tgt Ion:244 Resp: 1658547

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	10.1	8.3	12.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.01 min
Lab File: BF121131.D
Acq: 30 Jul 2020 16:39

Tgt Ion:264 Resp: 503726

Ion	Ratio	Lower	Upper
264	100		
260	25.7	19.9	29.9
265	21.9	17.8	26.8