Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072420\
Data File : BF121007.D
Acq On : 24 Jul 2020 17:17
Operator : JU/CG
Sample : L3402-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 24 17:55:59 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	6.82	152	149022	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	567164	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	290882	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	515416	20.00	ng		0.00
76) Chrysene-d12	13.96	240	333846	20.00	ng		-0.01
86) Perylene-d12	15.41	264	363936	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	932462	102.58	ng		0.01
7) Phenol-d6	6.45	99	1016149	86.54	ng		0.00
23) Nitrobenzene-d5	7.37	82	806462	82.28	ng		0.00
42) 2,4,6-Tribromophenol	10.64	330	372008	116.84	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	1417854	72.78	ng		0.00
79) Terphenyl-d14	12.92	244	1333275	86.81	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.37	77	3715	Below Cal		#	1
10) Phenol	6.46	94	32069	2.483	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.28	45	92498	6.483	ng		95
17) 2-Methylphenol	7.22	107	225466	25.402	ng	#	72
18) Hexachloroethane	7.35	117	10980	2.810	ng	#	6
19) n-Nitroso-di-n-propylamine	7.28	70	68752	10.297	ng	#	23
20) 3+4-Methylphenols	7.22	107	225466	19.969	ng	#	67
31) Naphthalene	8.12	128	71020	2.441	ng		98
32) Benzoic acid	7.87	122	50160	8.203	ng		93
37) 2-Methylnaphthalene	8.80	142	39007	2.065	ng		97
38) 1-Methylnaphthalene	8.80	142	39007	2.180	ng		95
50) Dimethylphthalate	9.56	163	359446	17.128	ng		99
53) 3-Nitroaniline	9.53	138	20385	3.605	ng	#	6
57) 2,4-Dinitrotoluene	9.85	165	38839	6.560	ng	#	28
65) 4,6-Dinitro-2-methylphenol	10.63	198	666	4.048	ng	#	1
67) 4-Bromophenyl-phenylether	10.63	248	21549	3.750	ng	#	1
77) Benzidine	12.92	184	18397	2.096	ng	#	92

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

Quantitation Report (Not Reviewed)

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Acq On : 24 Jul 2020 17:17
Operator : JU/CG
Sample : L3402-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 24 17:55:59 2020
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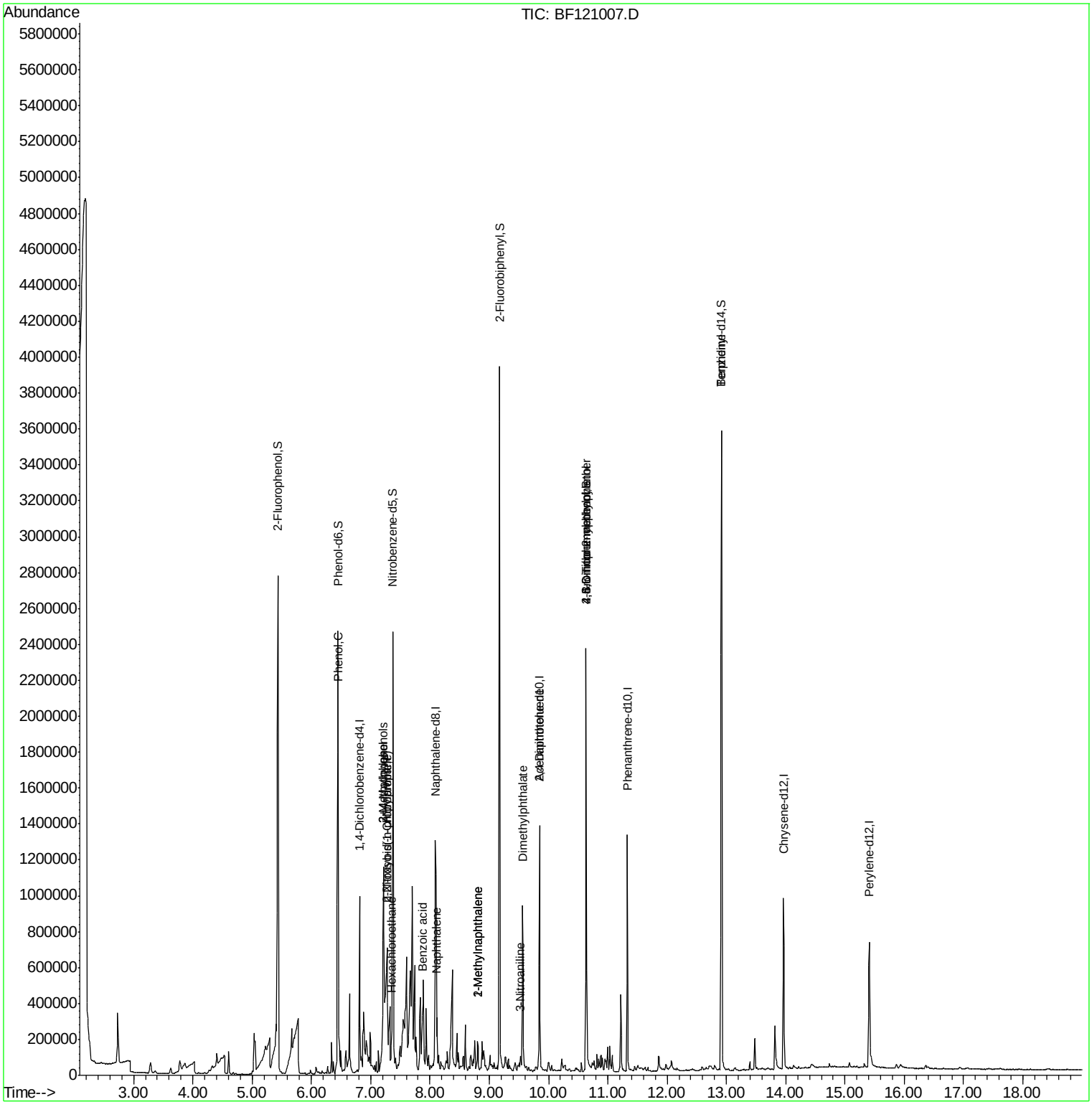
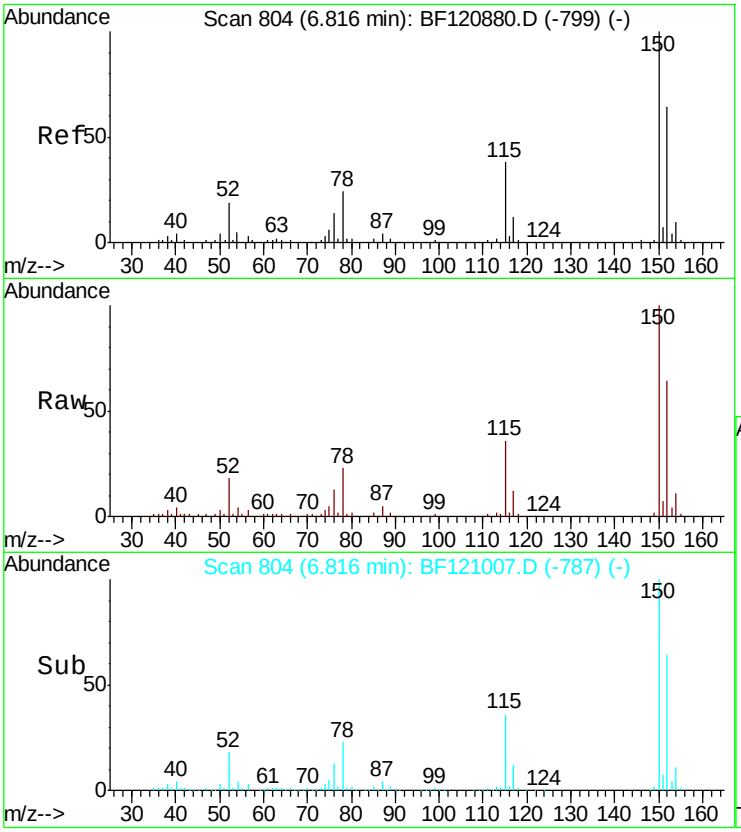


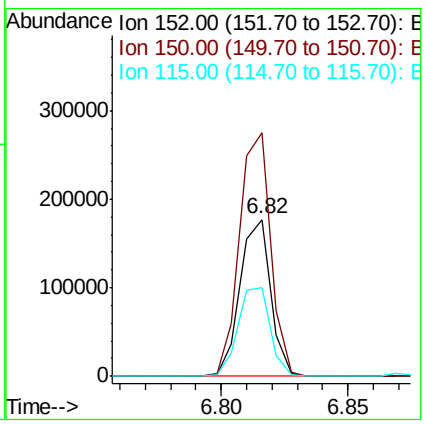


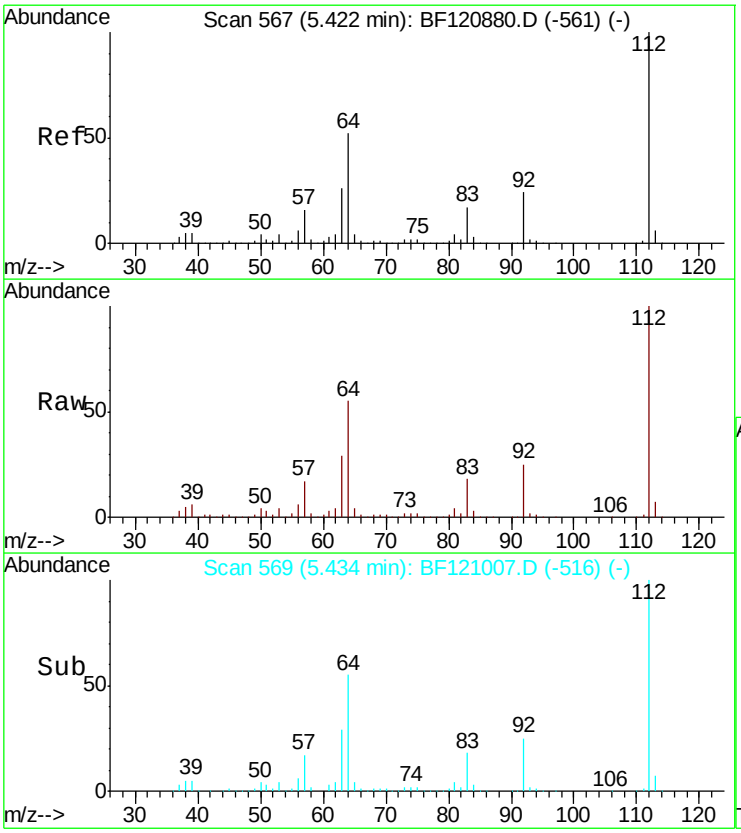
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF121007.D
Acq: 24 Jul 2020 17:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 149022

Ion	Ratio	Lower	Upper
152	100		
150	155.5	125.0	187.6
115	56.5	47.0	70.4

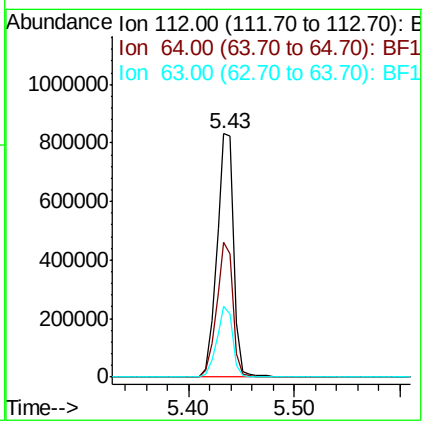


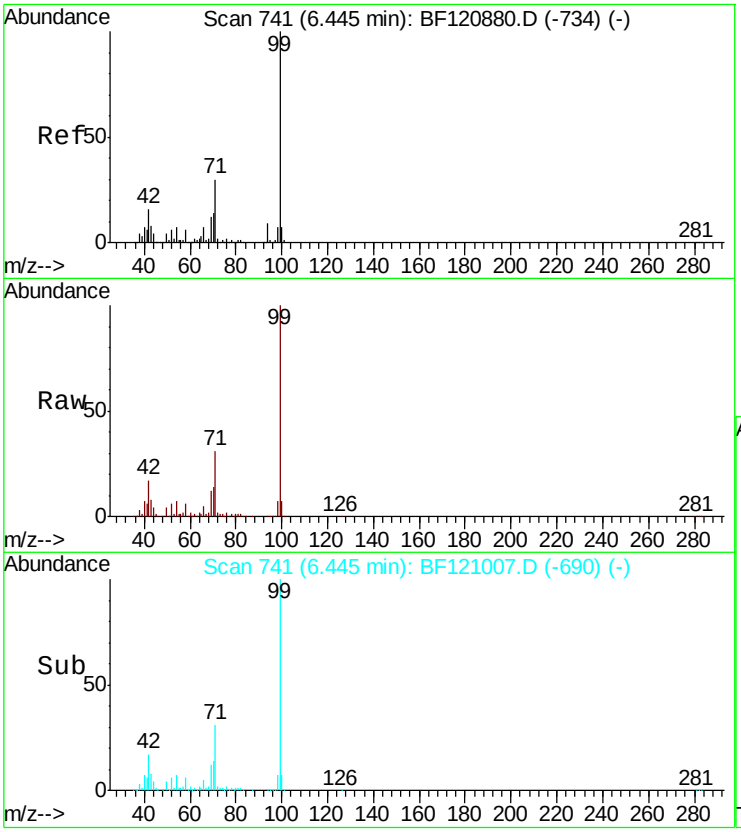


#5
2-Fluorophenol
Concen: 102.578 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF121007.D
Acq: 24 Jul 2020 17:17

Tgt Ion:112 Resp: 932462

Ion	Ratio	Lower	Upper
112	100		
64	55.5	41.3	61.9
63	28.8	21.1	31.7



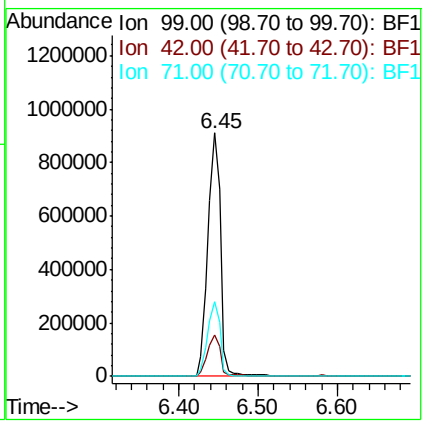


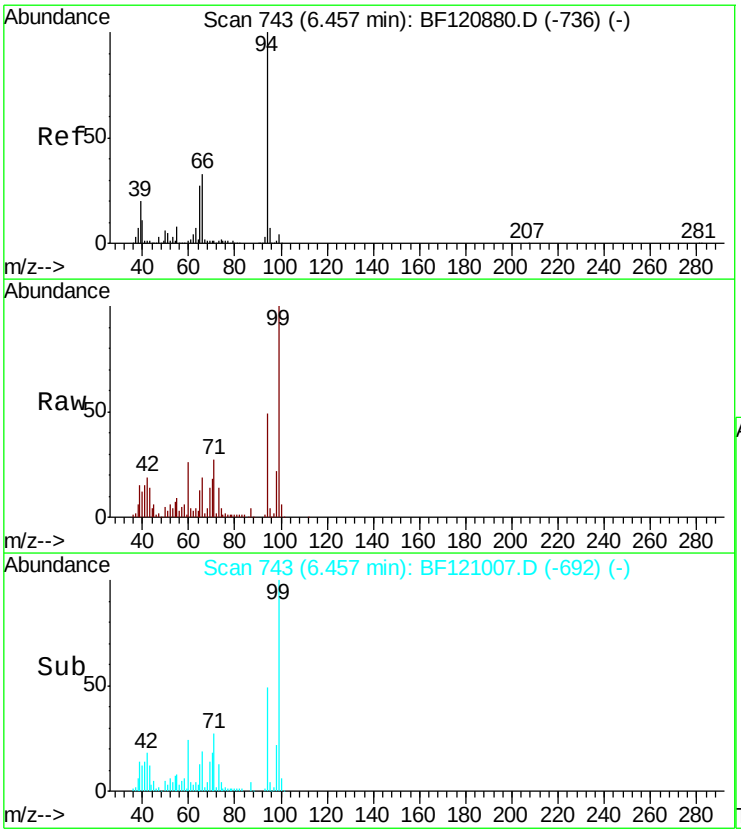
#7
Phenol-d6
Concen: 86.537 ng
RT: 6.45 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF121007.D
Acq: 24 Jul 2020 17:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1016149

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.1	19.7
71	30.7	24.2	36.4

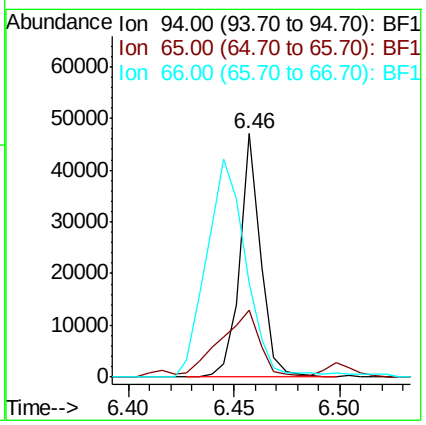


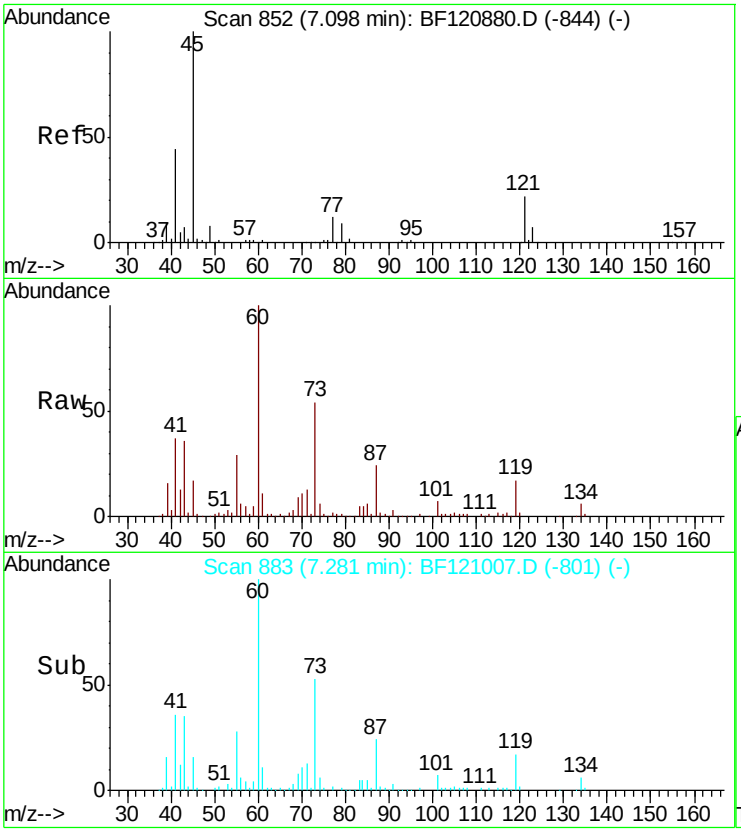


#10
Phenol
Concen: 2.483 ng
RT: 6.46 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF121007.D
Acq: 24 Jul 2020 17:17

Tgt Ion: 94 Resp: 32069

Ion	Ratio	Lower	Upper
94	100		
65	27.4	6.6	46.6
66	38.8	13.2	53.2



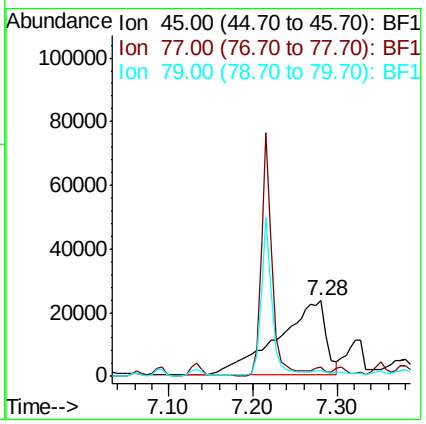


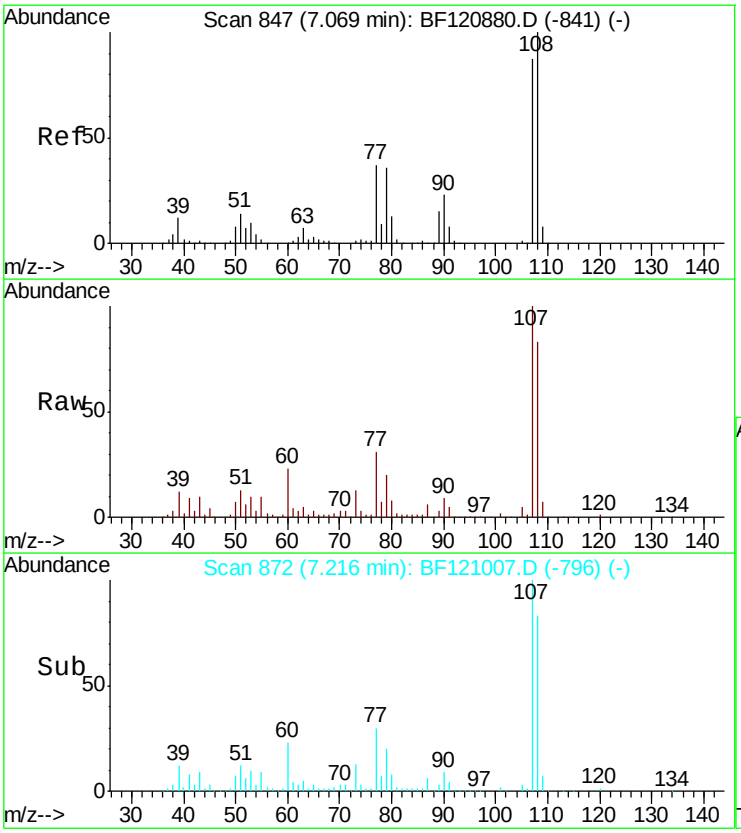
#16
2,2'-oxybis(1-Chloropropane)
Concen: 6.483 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.18 min
Lab File: BF121007.D
Acq: 24 Jul 2020 17:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 45 Resp: 92498

Ion	Ratio	Lower	Upper
45	100		
77	13.1	0.0	34.3
79	8.1	0.0	31.0

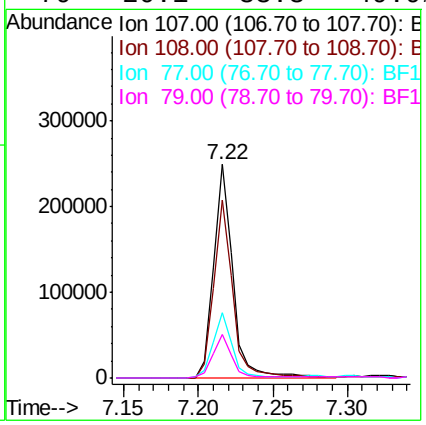


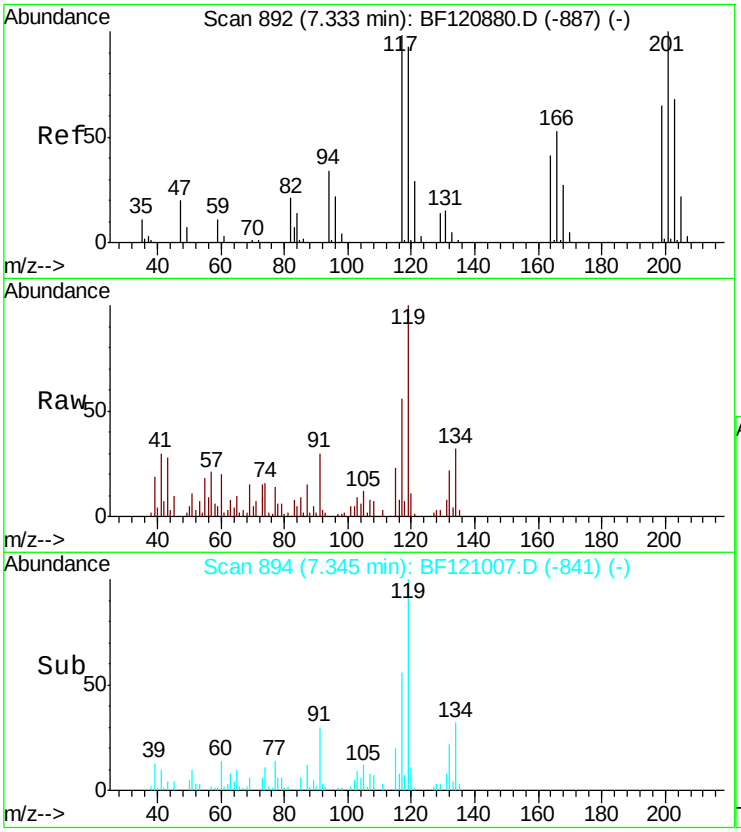


#17
2-Methylphenol
Concen: 25.402 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.15 min
Lab File: BF121007.D
Acq: 24 Jul 2020 17:17

Tgt Ion:107 Resp: 225466

Ion	Ratio	Lower	Upper
107	100		
108	83.1	92.0	138.0#
77	30.7	34.0	51.0#
79	20.1	33.3	49.9#



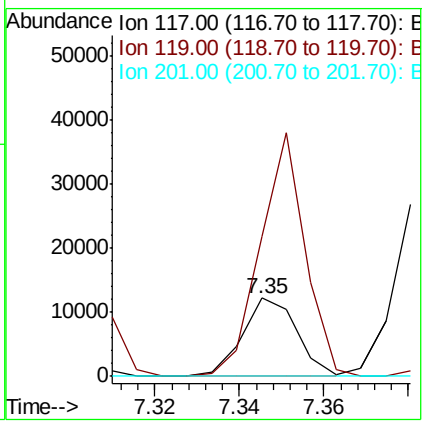


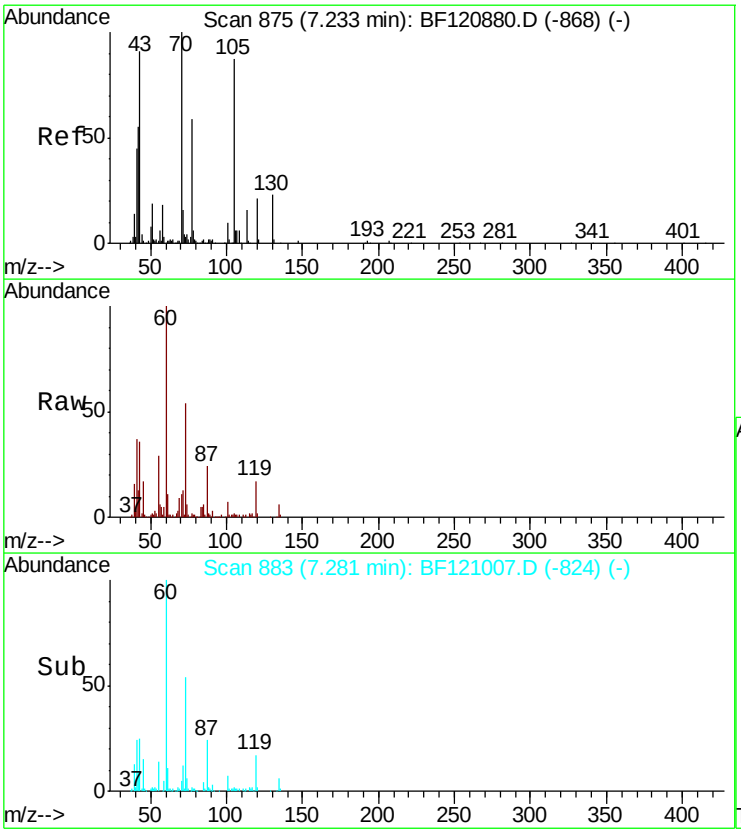
#18
Hexachloroethane
Concen: 2.810 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.01 min
Lab File: BF121007.D
Acq: 24 Jul 2020 17:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:117 Resp: 10980

Ion	Ratio	Lower	Upper
117	100		
119	178.5	76.0	114.0#
201	0.0	81.7	122.5#

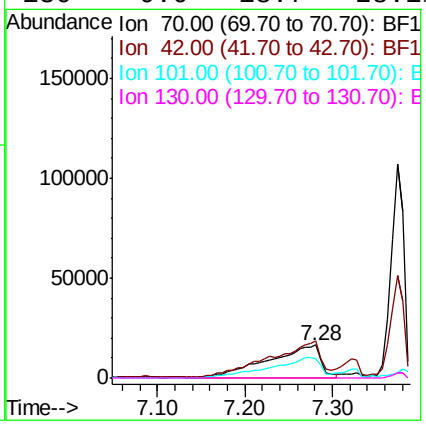


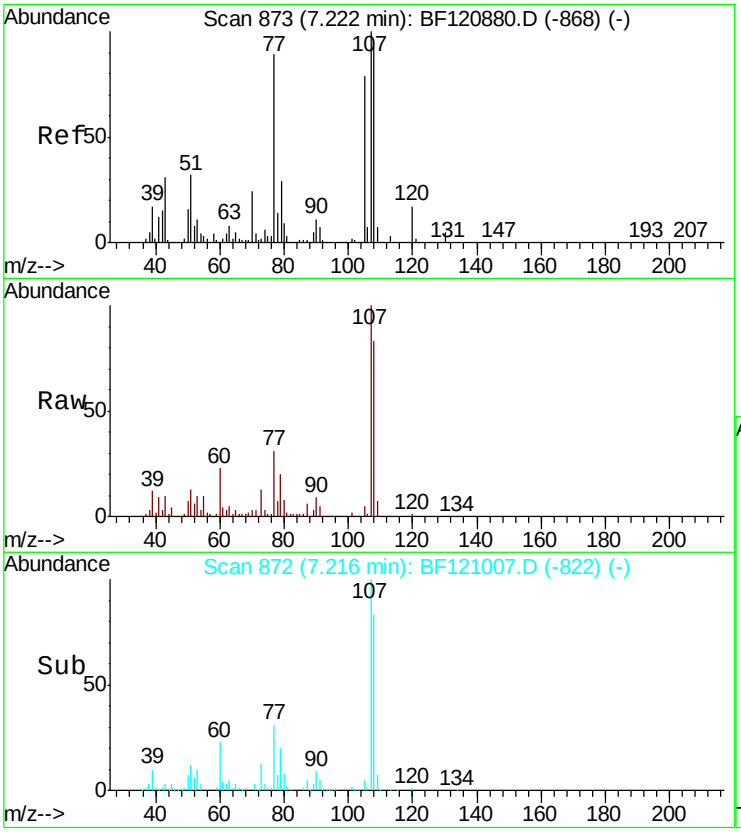


#19
n-Nitroso-di-n-propylamine
Concen: 10.297 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.05 min
Lab File: BF121007.D
Acq: 24 Jul 2020 17:17

Tgt Ion: 70 Resp: 68752

Ion	Ratio	Lower	Upper
70	100		
42	111.6	44.0	66.0#
101	60.0	7.8	11.6#
130	0.0	18.7	28.1#



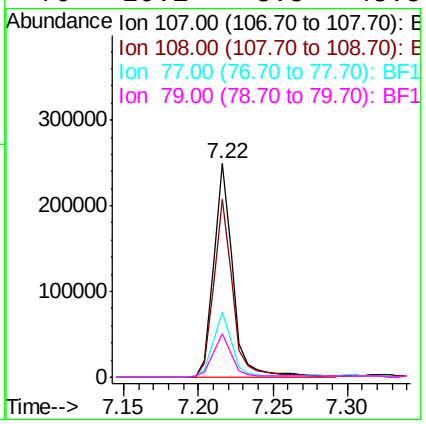


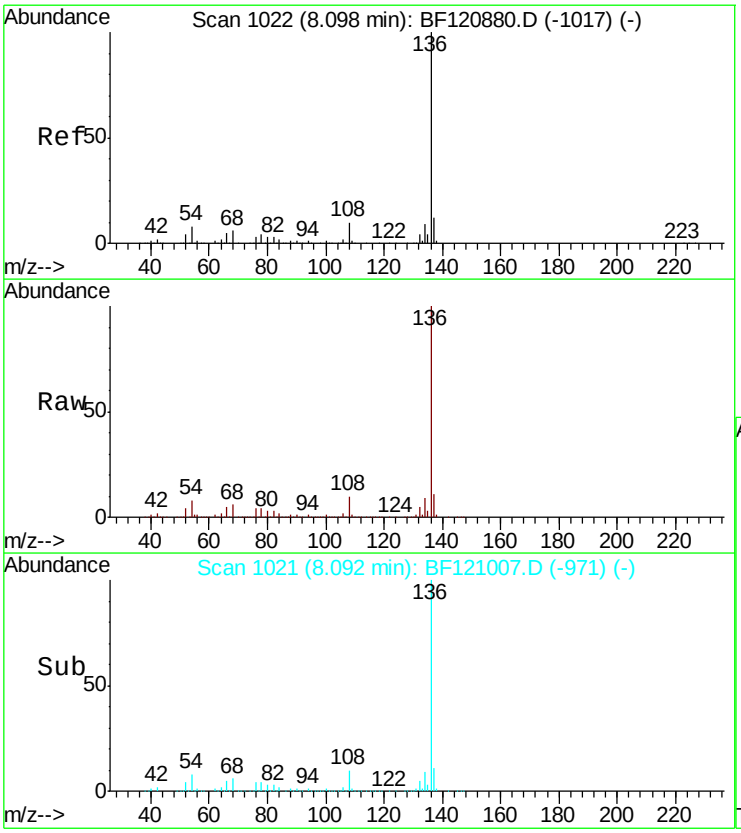
#20
3+4-Methylphenols
Concen: 19.969 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF121007.D
Acq: 24 Jul 2020 17:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 225466

Ion	Ratio	Lower	Upper
107	100		
108	83.1	72.8	112.8
77	30.7	68.7	108.7#
79	20.1	8.5	48.5

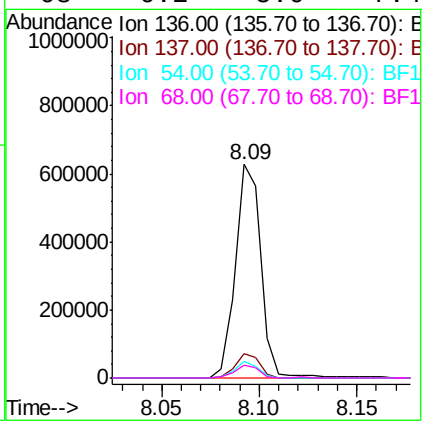


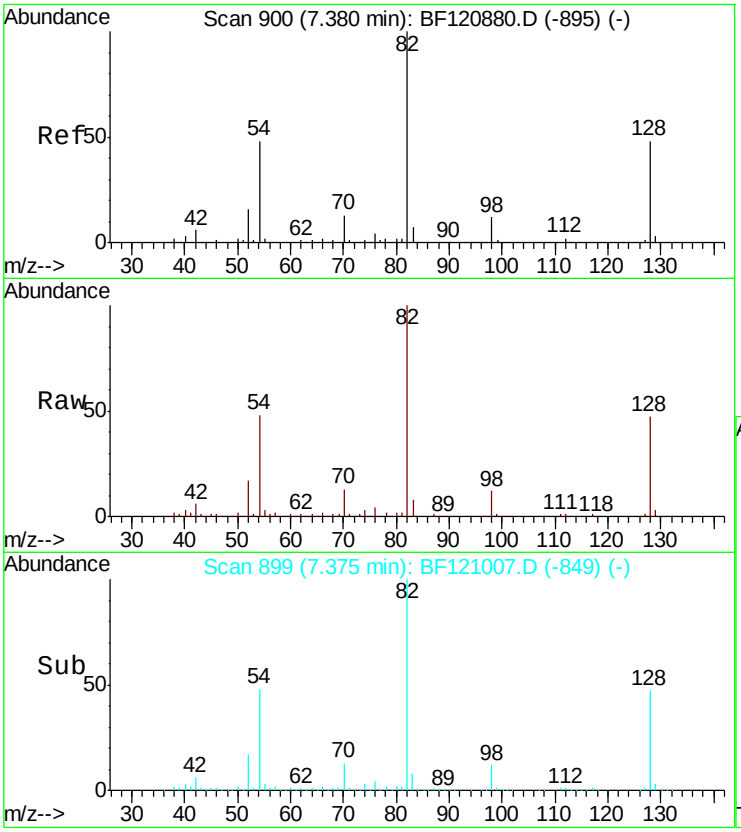


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF121007.D
Acq: 24 Jul 2020 17:17

Tgt Ion:136 Resp: 567164

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.3	13.9
54	7.7	6.3	9.5
68	6.2	5.0	7.4



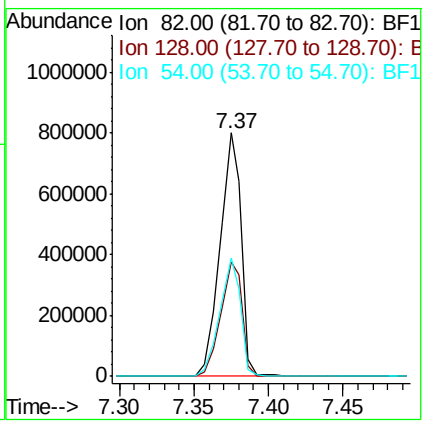


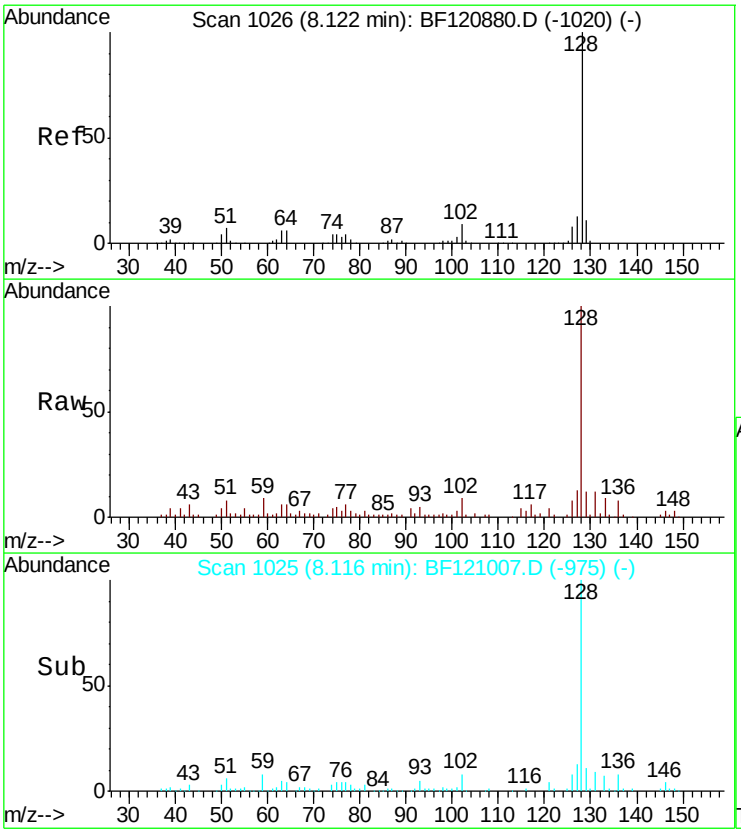
#23
Nitrobenzene-d5
Concen: 82.277 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF121007.D
Acq: 24 Jul 2020 17:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 806462

Ion	Ratio	Lower	Upper
82	100		
128	46.7	38.2	57.4
54	48.4	38.7	58.1

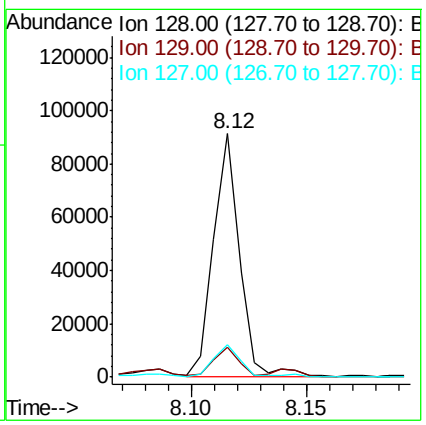


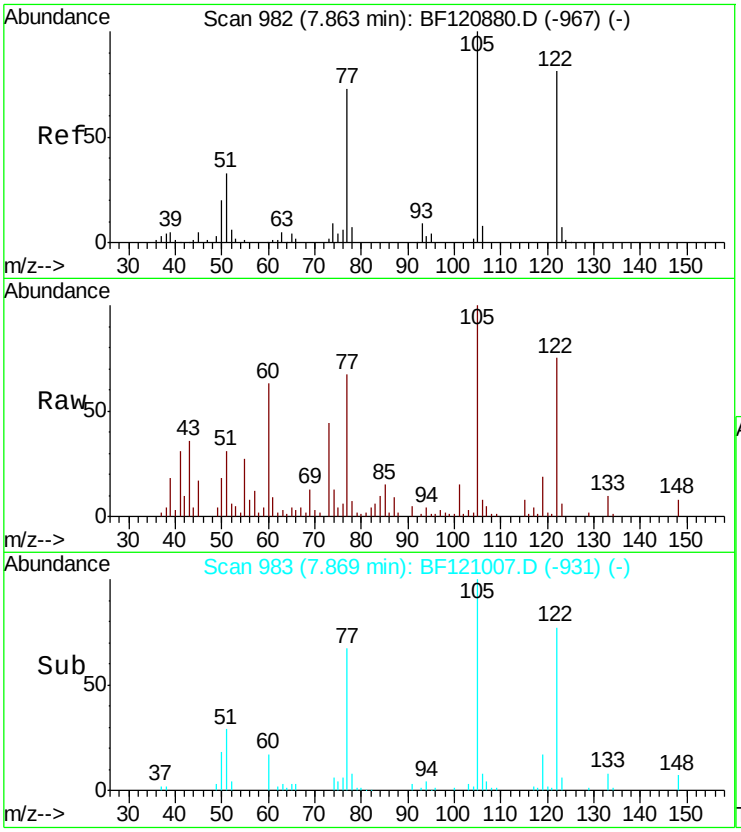


#31
Naphthalene
Concen: 2.441 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF121007.D
Acq: 24 Jul 2020 17:17

Tgt Ion:128 Resp: 71020

Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.1	13.7
127	13.1	10.7	16.1



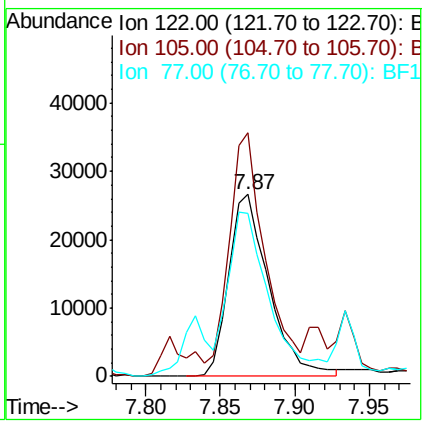


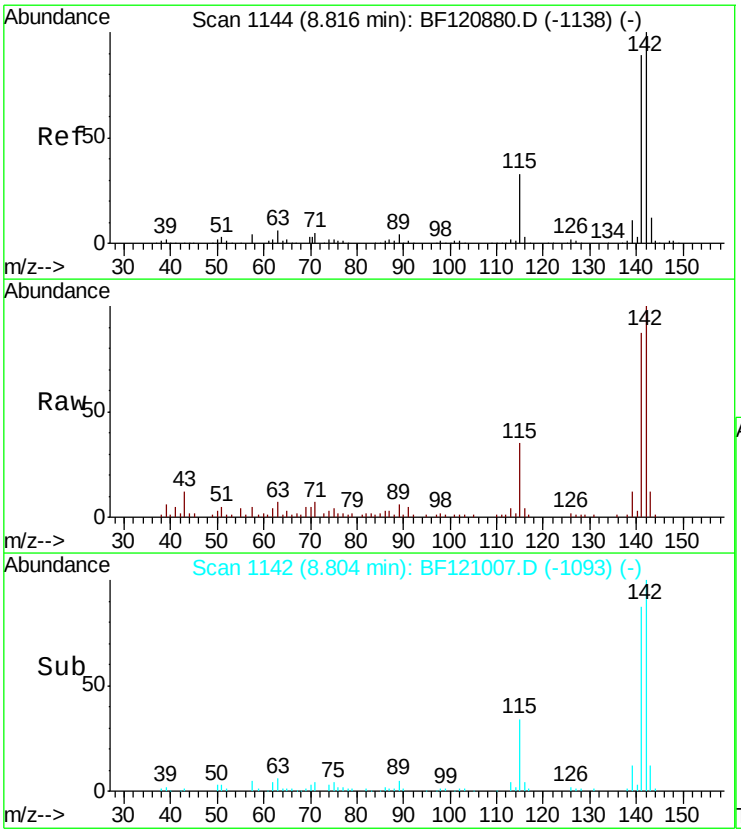
#32
Benzoic acid
Concen: 8.203 ng
RT: 7.87 min Scan# 983
Delta R.T. 0.01 min
Lab File: BF121007.D
Acq: 24 Jul 2020 17:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 50160

Ion	Ratio	Lower	Upper
122	100		
105	133.7	101.3	141.3
77	89.7	69.1	109.1

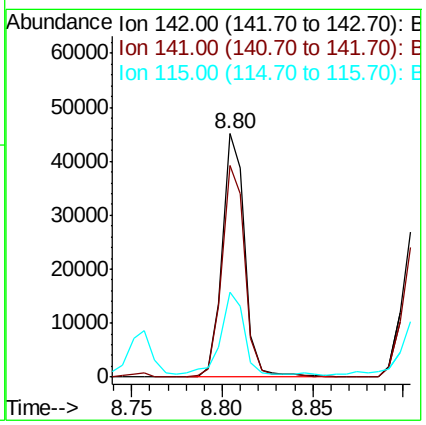


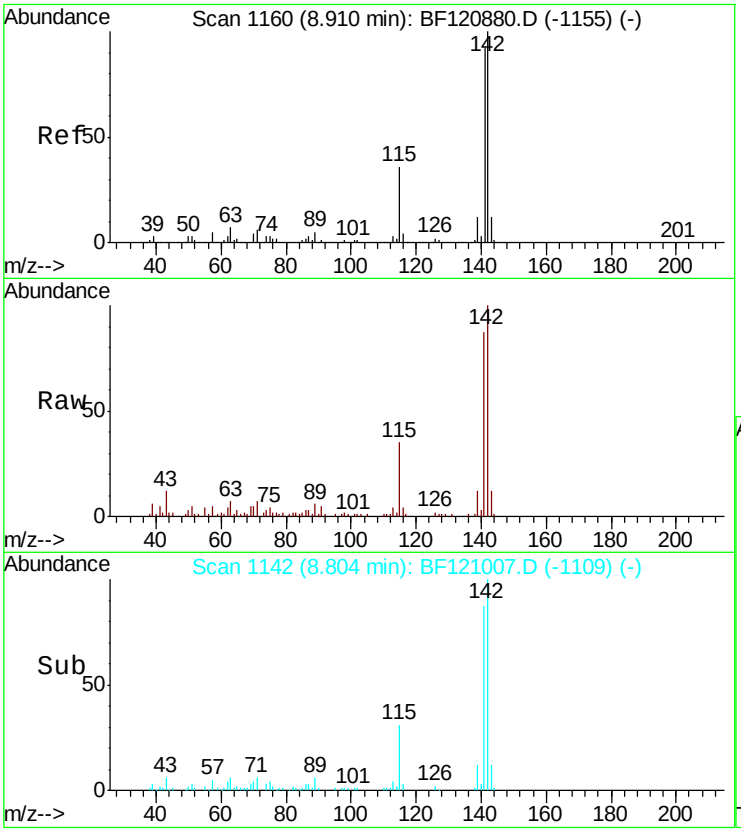


#37
2-Methylnaphthalene
Concen: 2.065 ng
RT: 8.80 min Scan# 1142
Delta R.T. -0.01 min
Lab File: BF121007.D
Acq: 24 Jul 2020 17:17

Tgt Ion:142 Resp: 39007

Ion	Ratio	Lower	Upper
142	100		
141	86.8	71.0	106.4
115	35.0	26.0	39.0



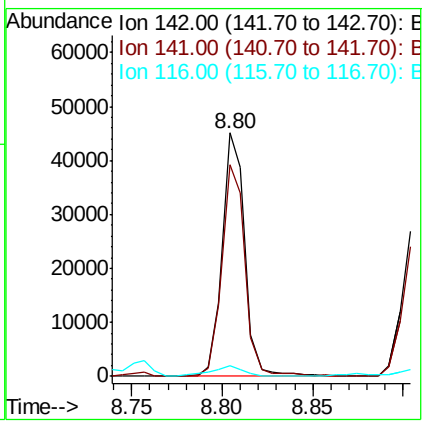


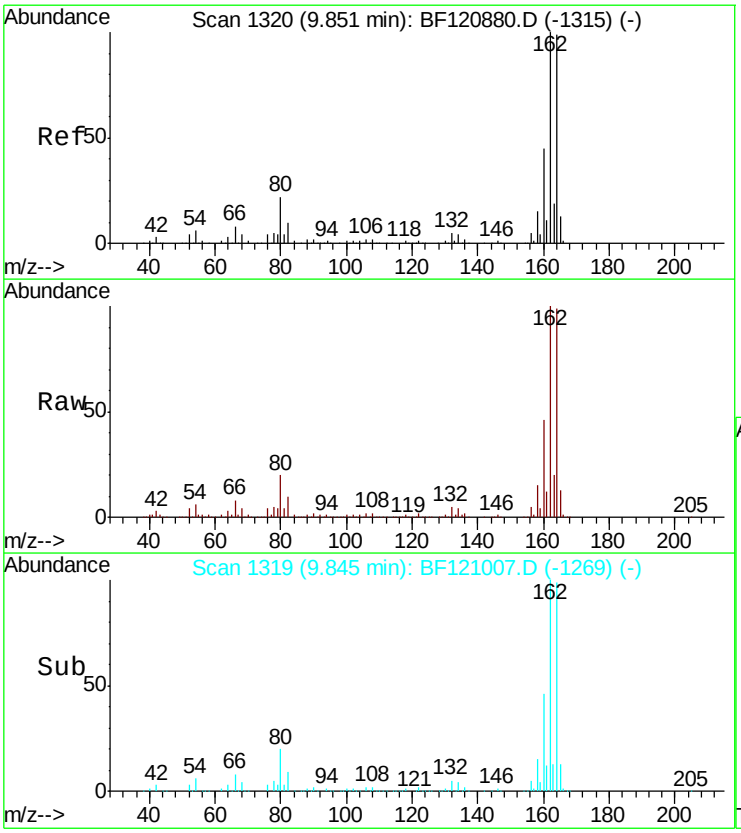
#38
1-Methylnaphthalene
Concen: 2.180 ng
RT: 8.80 min Scan# 1142
Delta R.T. -0.11 min
Lab File: BF121007.D
Acq: 24 Jul 2020 17:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 39007

Ion	Ratio	Lower	Upper
142	100		
141	86.8	73.7	110.5
116	4.3	3.0	4.6

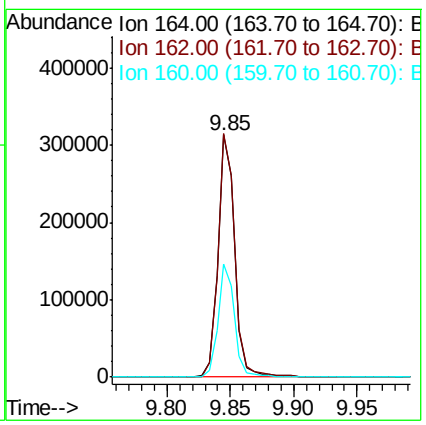


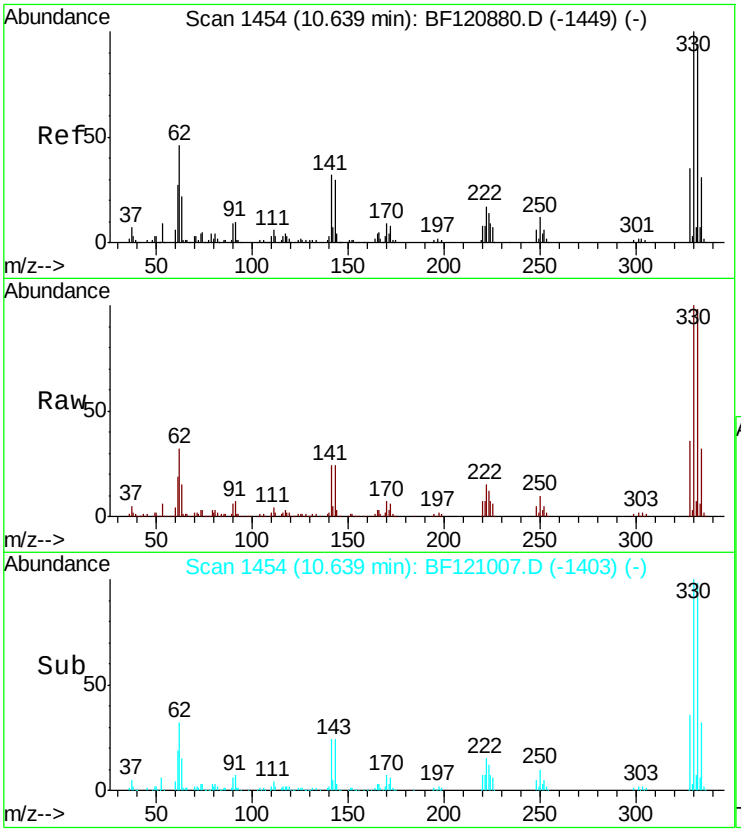


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF121007.D
Acq: 24 Jul 2020 17:17

Tgt Ion:164 Resp: 290882

Ion	Ratio	Lower	Upper
164	100		
162	100.6	81.2	121.8
160	46.7	36.9	55.3



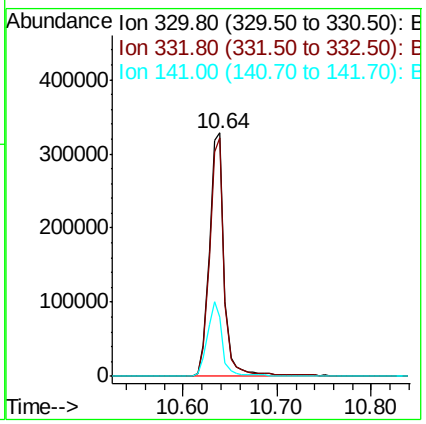


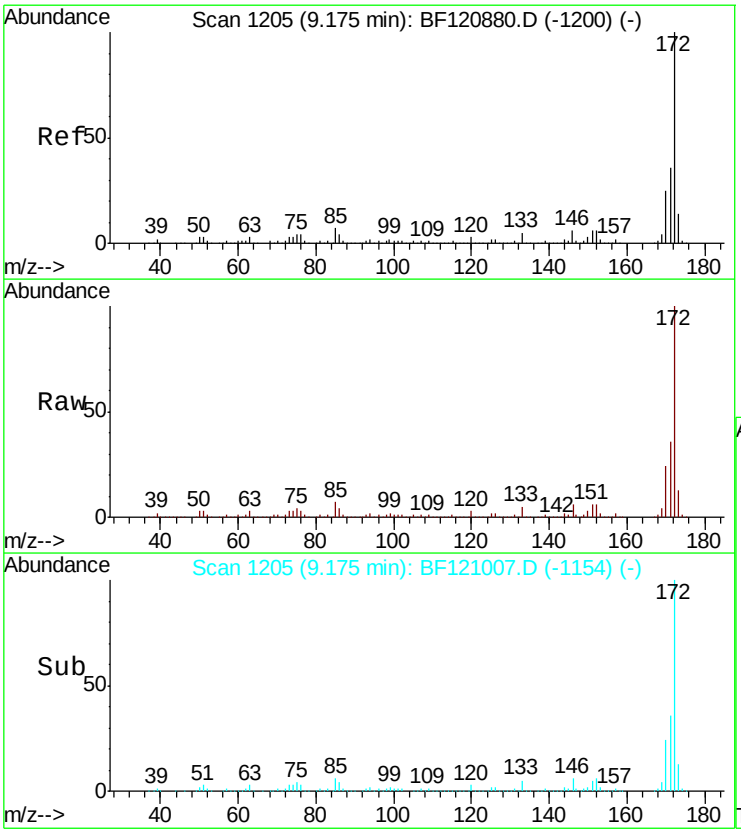
#42
2,4,6-Tribromophenol
Concen: 116.837 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.00 min
Lab File: BF121007.D
Acq: 24 Jul 2020 17:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 372008

Ion	Ratio	Lower	Upper
330	100		
332	96.5	75.5	113.3
141	31.2	25.7	38.5

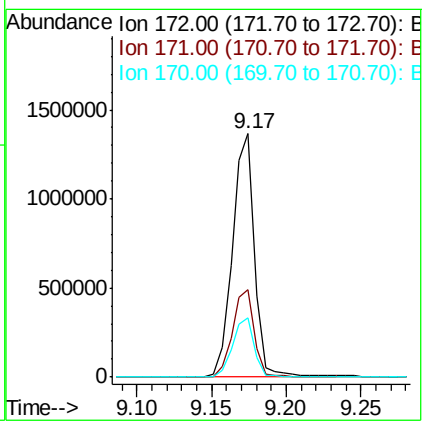


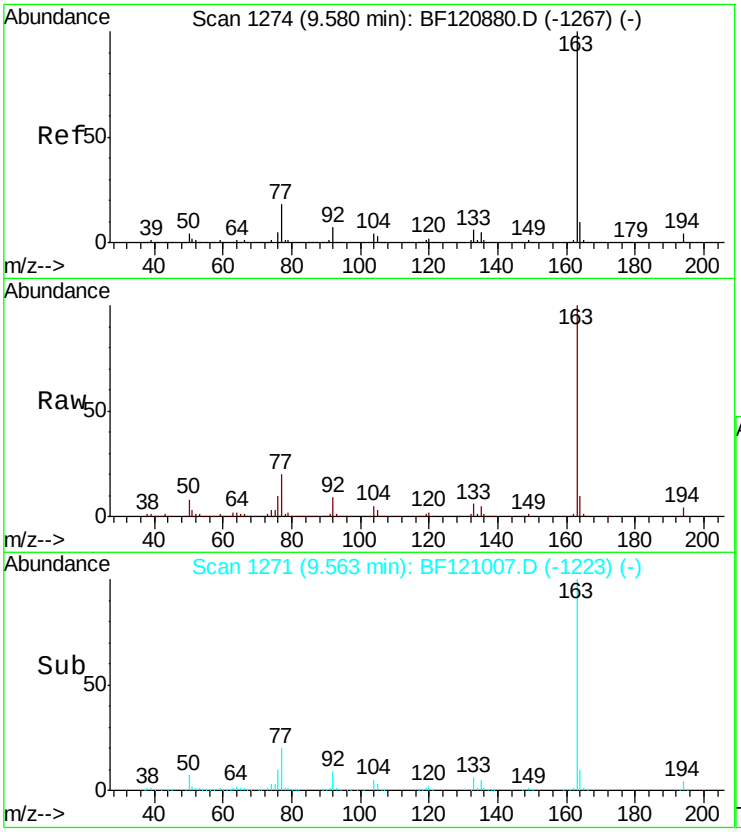


#45
2-Fluorobiphenyl
Concen: 72.776 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF121007.D
Acq: 24 Jul 2020 17:17

Tgt Ion:172 Resp: 1417854

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.4
170	24.4	19.6	29.4



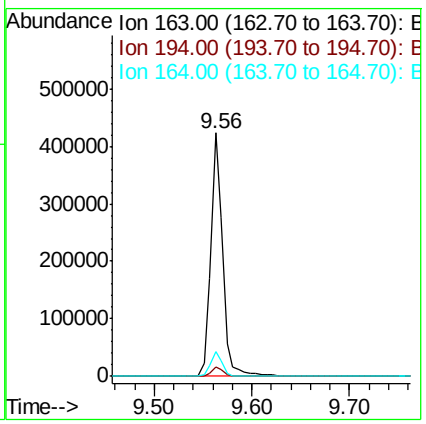


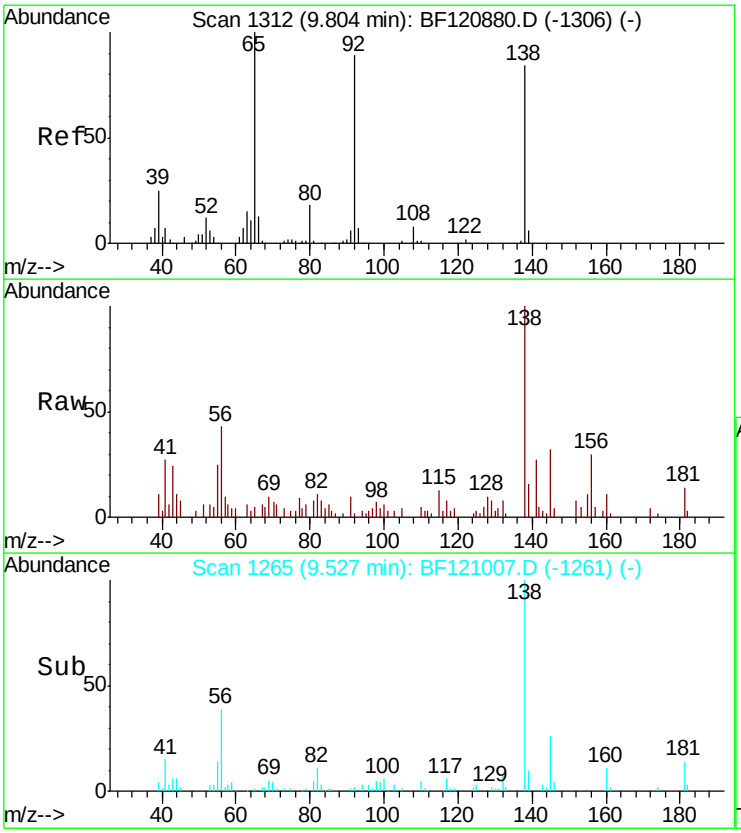
#50
Dimethylphthalate
Concen: 17.128 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF121007.D
Acq: 24 Jul 2020 17:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 359446

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	10.2	7.9	11.9

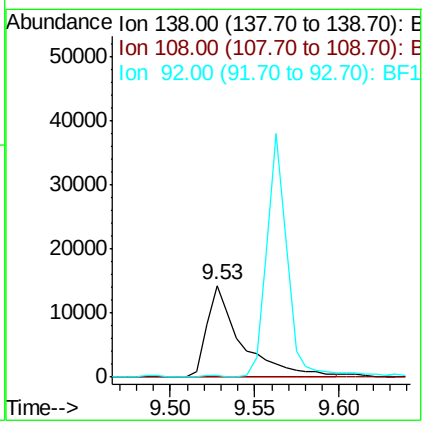


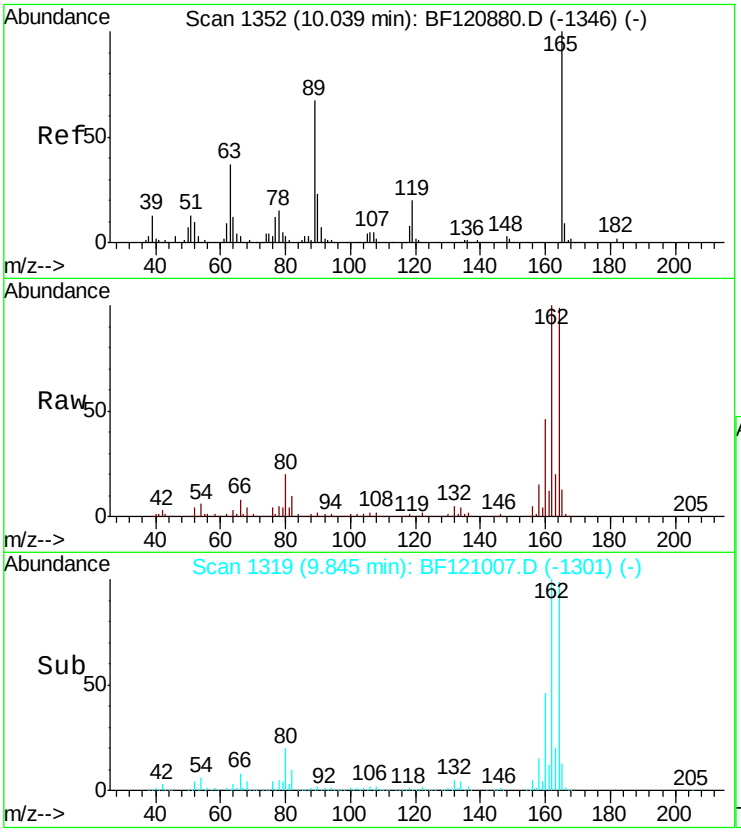


#53
3-Nitroaniline
Concen: 3.605 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.28 min
Lab File: BF121007.D
Acq: 24 Jul 2020 17:17

Tgt Ion:138 Resp: 20385

Ion	Ratio	Lower	Upper
138	100		
108	0.0	7.9	11.9#
92	2.3	85.3	127.9#



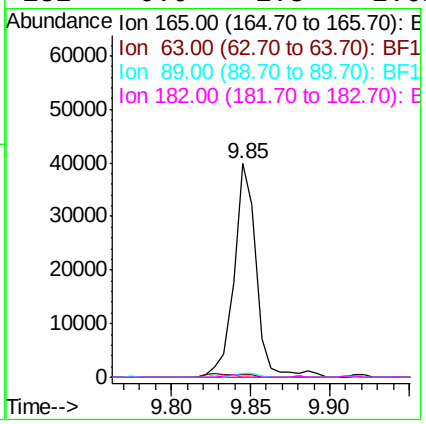


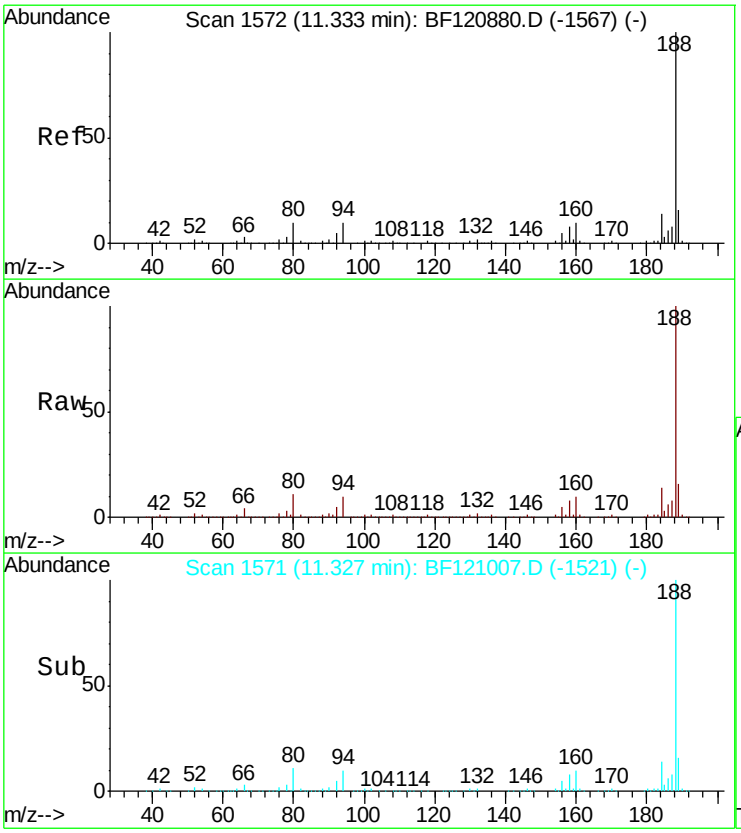
#57
2,4-Dinitrotoluene
Concen: 6.560 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.19 min
Lab File: BF121007.D
Acq: 24 Jul 2020 17:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 38839

Ion	Ratio	Lower	Upper
165	100		
63	1.3	29.4	44.2#
89	2.0	53.4	80.0#
182	0.0	1.8	2.6#

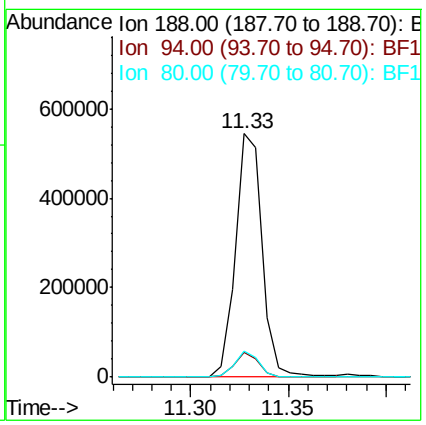


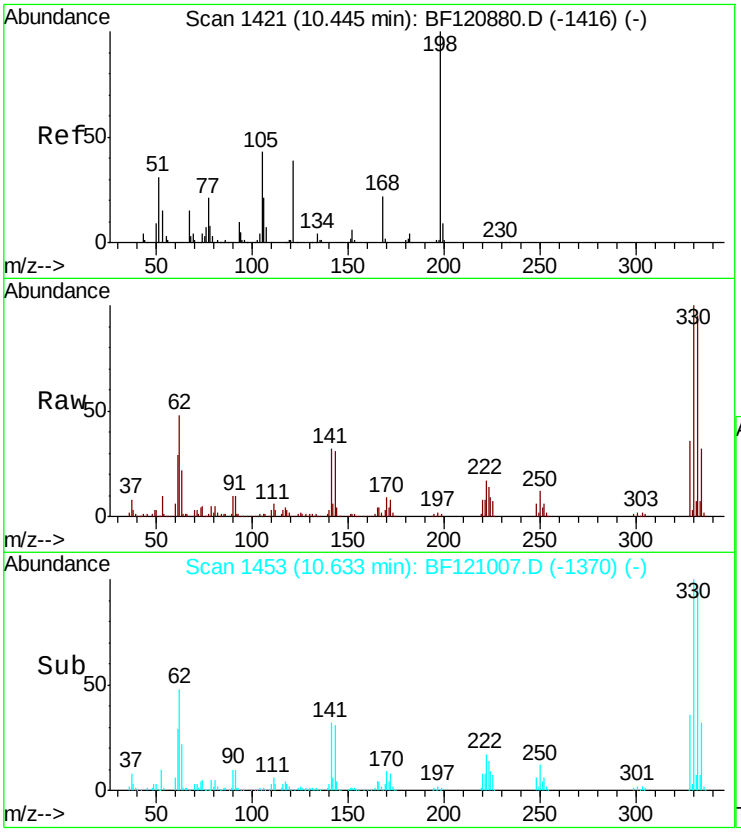


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF121007.D
Acq: 24 Jul 2020 17:17

Tgt Ion:188 Resp: 515416

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.0	12.0
80	10.9	8.3	12.5



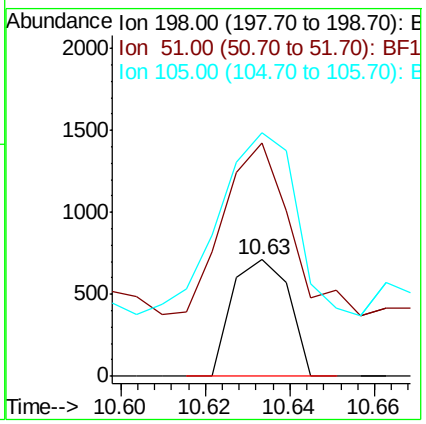


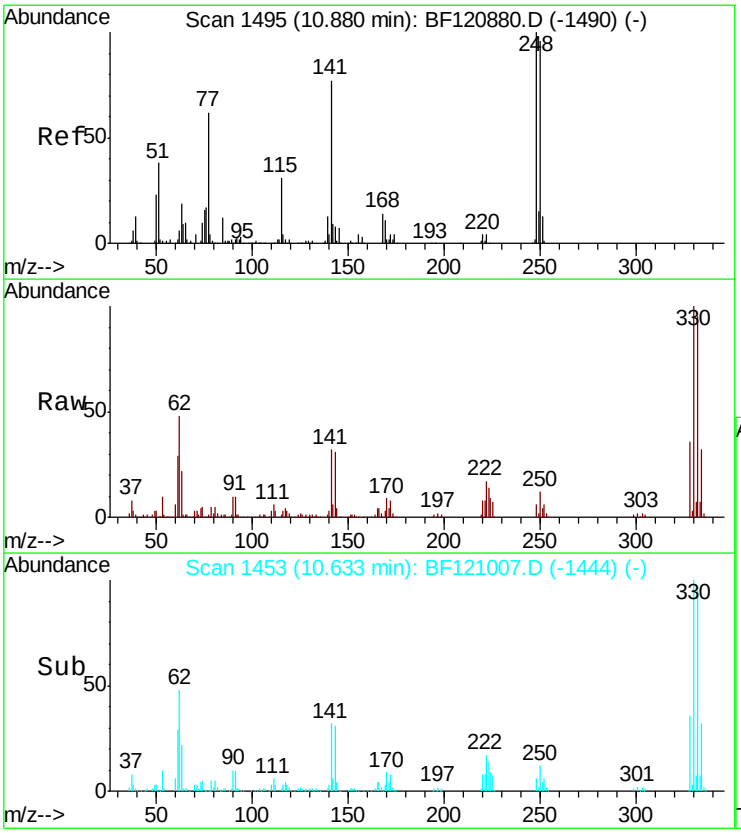
#65
4,6-Dinitro-2-methylphenol
Concen: 4.048 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.19 min
Lab File: BF121007.D
Acq: 24 Jul 2020 17:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 666

Ion	Ratio	Lower	Upper
198	100		
51	199.4	19.5	59.5#
105	208.6	24.4	64.4#

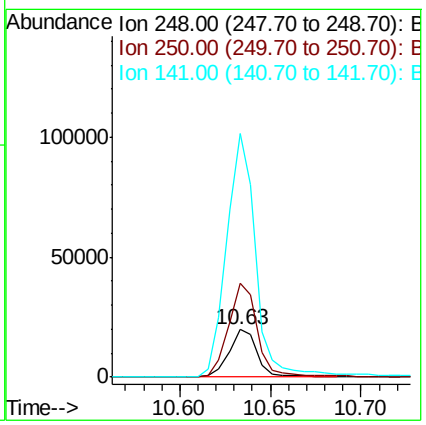


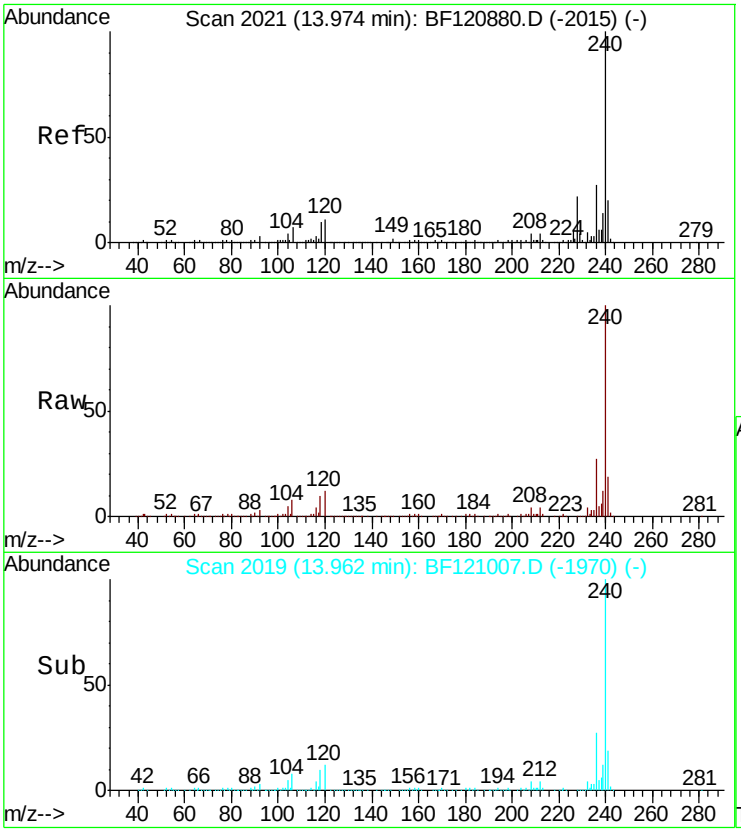


#67
4-Bromophenyl-phenylether
Concen: 3.750 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.25 min
Lab File: BF121007.D
Acq: 24 Jul 2020 17:17

Tgt Ion:248 Resp: 21549

Ion	Ratio	Lower	Upper
248	100		
250	199.4	77.1	115.7#
141	515.4	61.2	91.8#



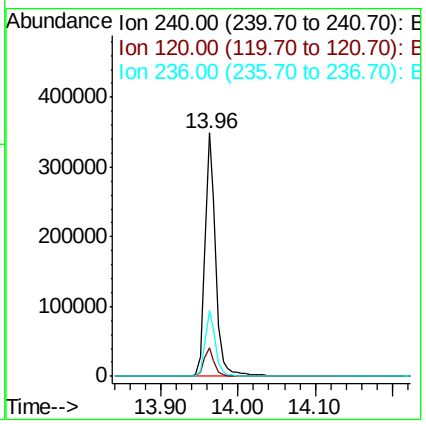


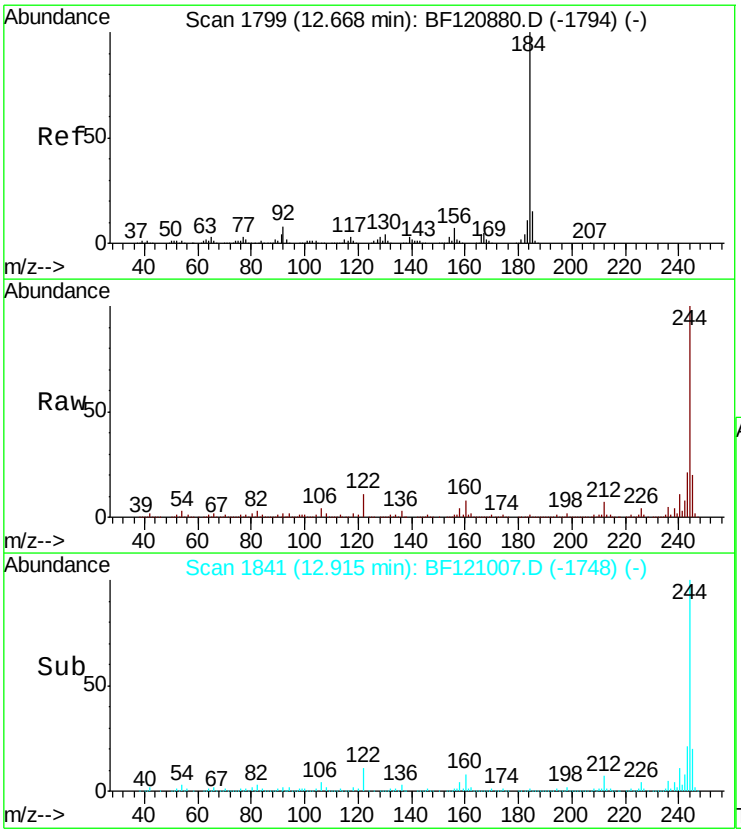
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF121007.D
Acq: 24 Jul 2020 17:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 333846

Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.0	13.4
236	26.8	21.7	32.5

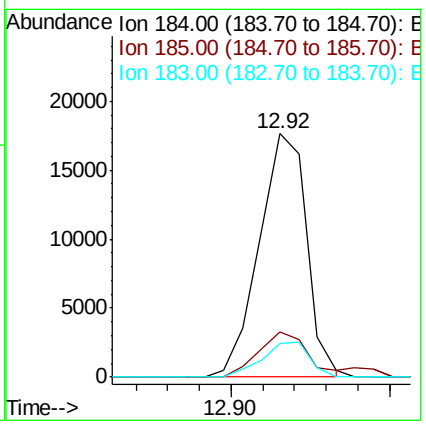


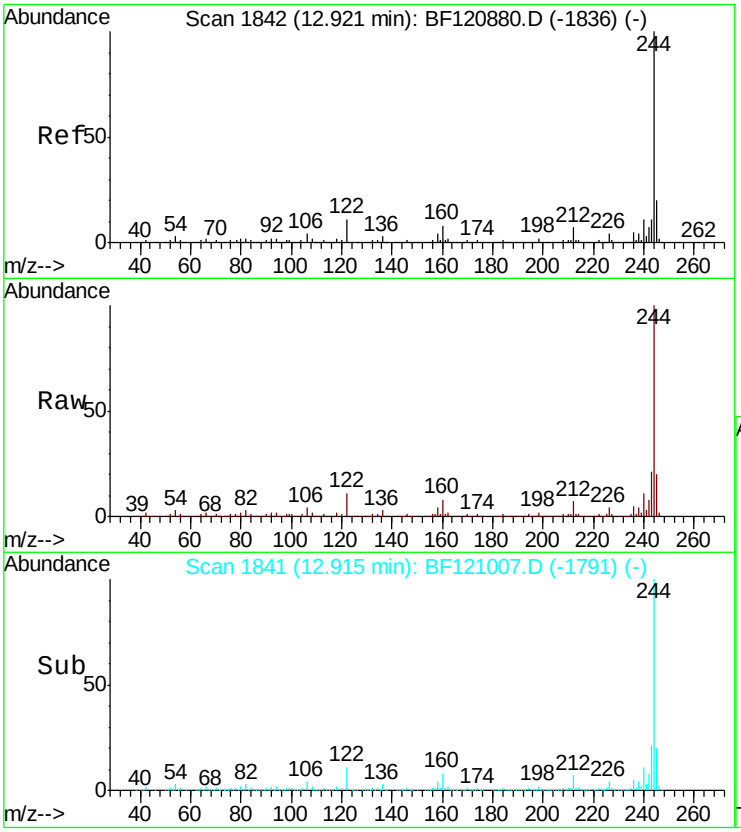


#77
Benzidine
Concen: 2.096 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.25 min
Lab File: BF121007.D
Acq: 24 Jul 2020 17:17

Tgt Ion:184 Resp: 18397

Ion	Ratio	Lower	Upper
184	100		
185	18.6	12.2	18.2#
183	13.7	8.5	12.7#



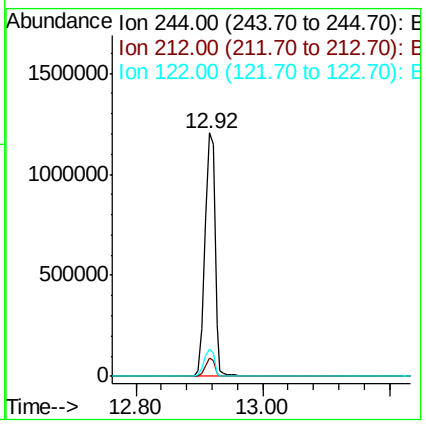


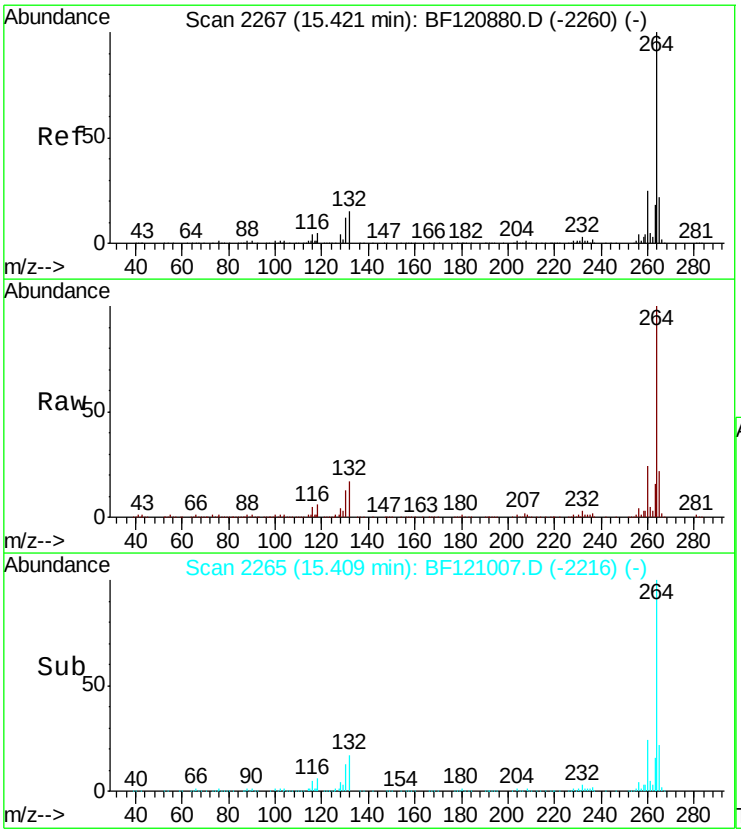
#79
Terphenyl-d14
Concen: 86.814 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF121007.D
Acq: 24 Jul 2020 17:17

Instrument :
BNA_F
ClientSampleId :

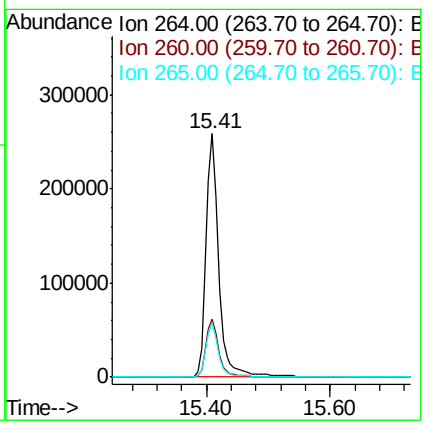
Tgt Ion:244 Resp: 1333275

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.6	8.4
122	11.4	8.9	13.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF121007.D
Acq: 24 Jul 2020 17:17

Tgt Ion:264 Resp: 363936

Ion	Ratio	Lower	Upper
264	100		
260	24.0	20.0	30.0
265	22.1	17.4	26.2