Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
Data File : BF121086.D
Acq On : 28 Jul 2020 23:58
Operator : JU/CG
Sample : L3435-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2

Quant Time: Jul 29 00:49:32 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	6.81	152	158302	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	588684	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	332988	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	660631	20.00	ng		0.00
76) Chrysene-d12	13.97	240	628572	20.00	ng		0.00
86) Perylene-d12	15.42	264	634347	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1224564	126.81	ng		0.01
7) Phenol-d6	6.45	99	1511905	121.21	ng		0.00
23) Nitrobenzene-d5	7.38	82	946264	93.01	ng		0.00
42) 2,4,6-Tribromophenol	10.64	330	417294	114.49	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	1761894	79.00	ng		0.00
79) Terphenyl-d14	12.92	244	1895443	65.55	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.36	77	7181	Below Cal			96
19) n-Nitroso-di-n-propylamine	7.38	70	126514	17.837	ng	#	76
25) Isophorone	7.38	82	946397	46.610	ng	#	63
50) Dimethylphthalate	9.56	163	266251	11.083	ng		100
57) 2,4-Dinitrotoluene	9.85	165	42799	6.315	ng	#	27
65) 4,6-Dinitro-2-methylphenol	10.64	198	856	4.048	ng	#	1
67) 4-Bromophenyl-phenylether	10.64	248	23996	3.258	ng	#	1
75) Fluoranthene	12.54	202	87887	2.334	ng		98

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

Quantitation Report (Not Reviewed)

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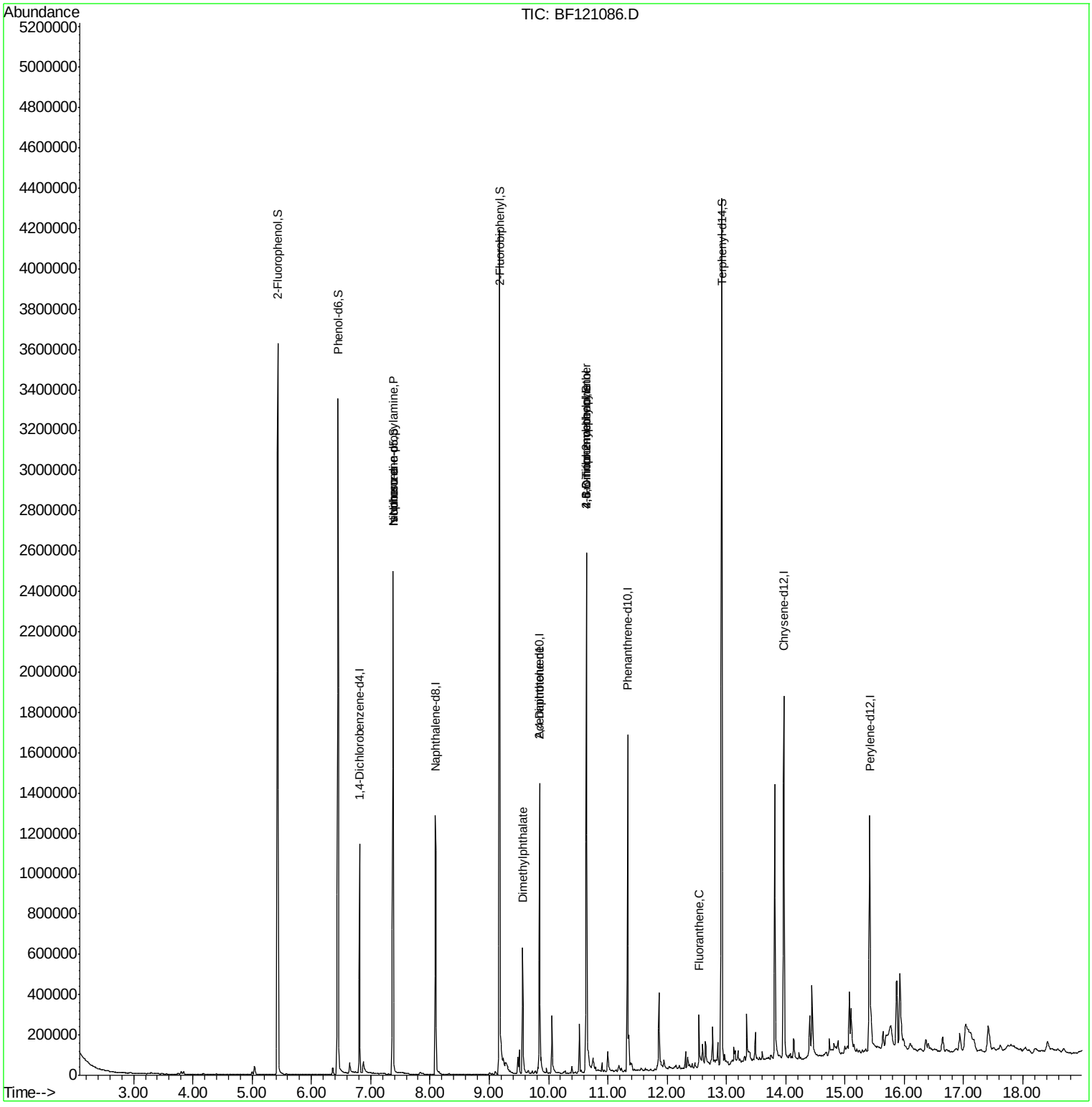
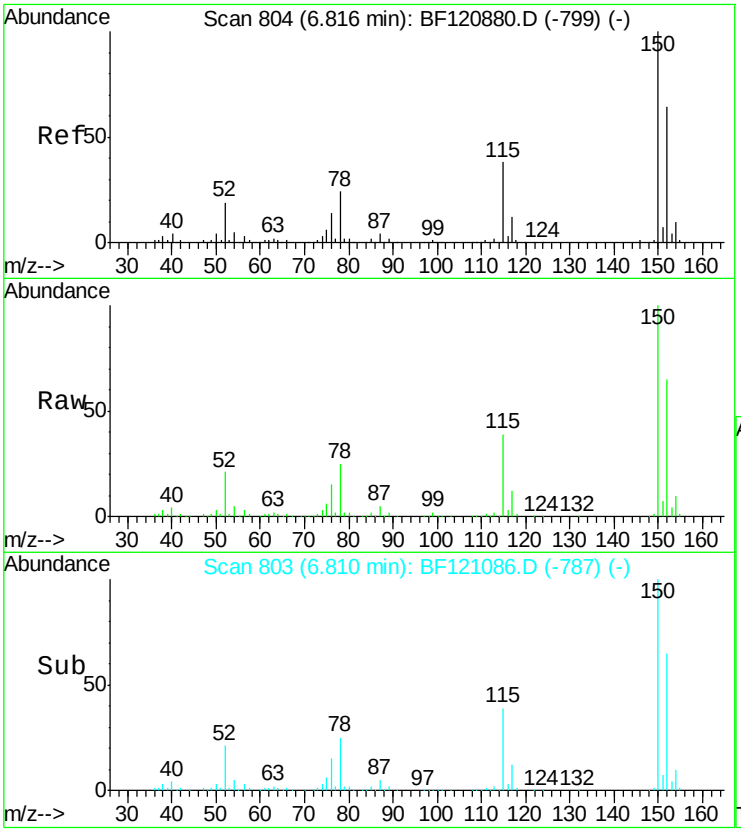


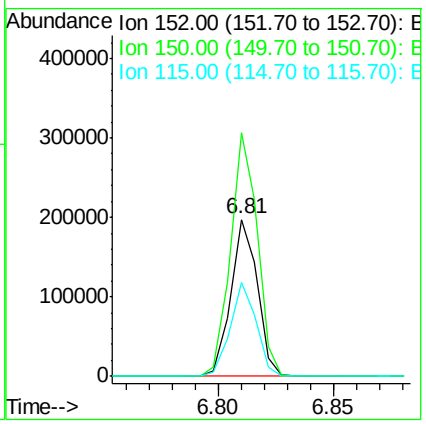


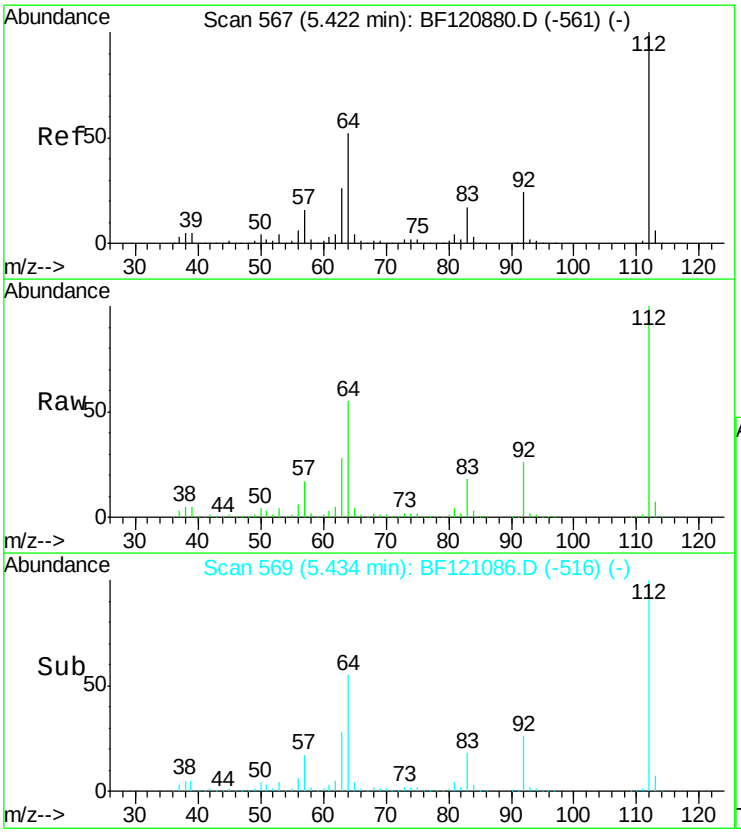
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF121086.D
Acq: 28 Jul 2020 23:58

Instrument :
BNA_F
ClientSampleId :
SP-2

Tgt Ion:152 Resp: 158302

Ion	Ratio	Lower	Upper
152	100		
150	155.0	125.0	187.6
115	60.2	47.0	70.4

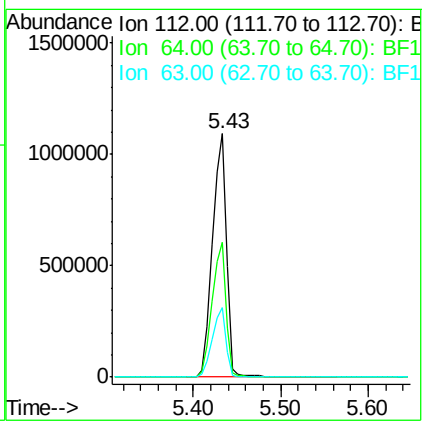


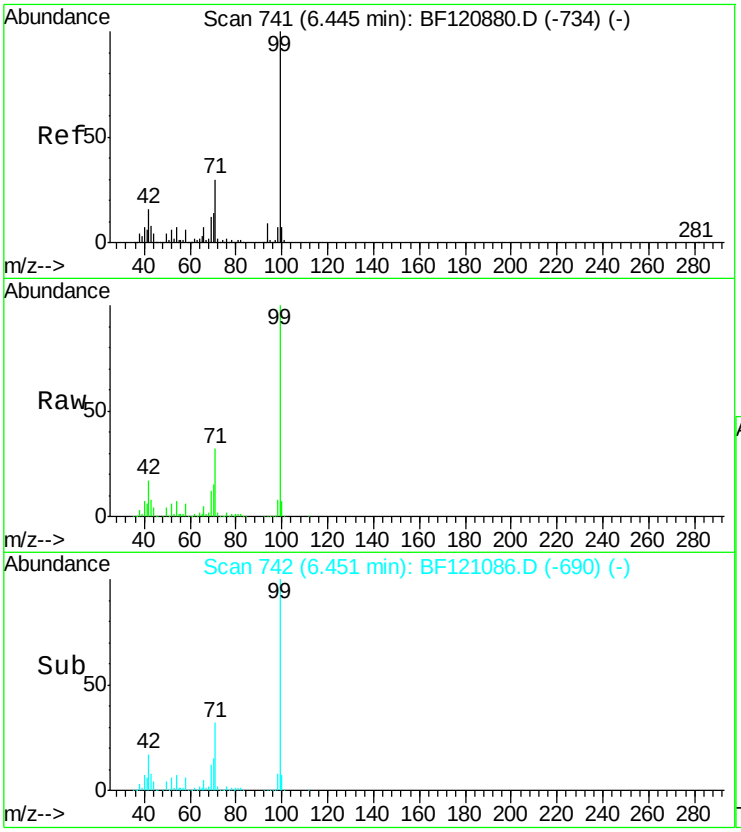


#5
2-Fluorophenol
Concen: 126.814 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF121086.D
Acq: 28 Jul 2020 23:58

Tgt Ion:112 Resp: 1224564

Ion	Ratio	Lower	Upper
112	100		
64	55.2	41.3	61.9
63	28.4	21.1	31.7



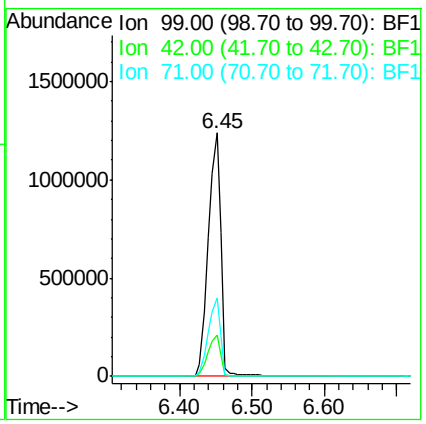


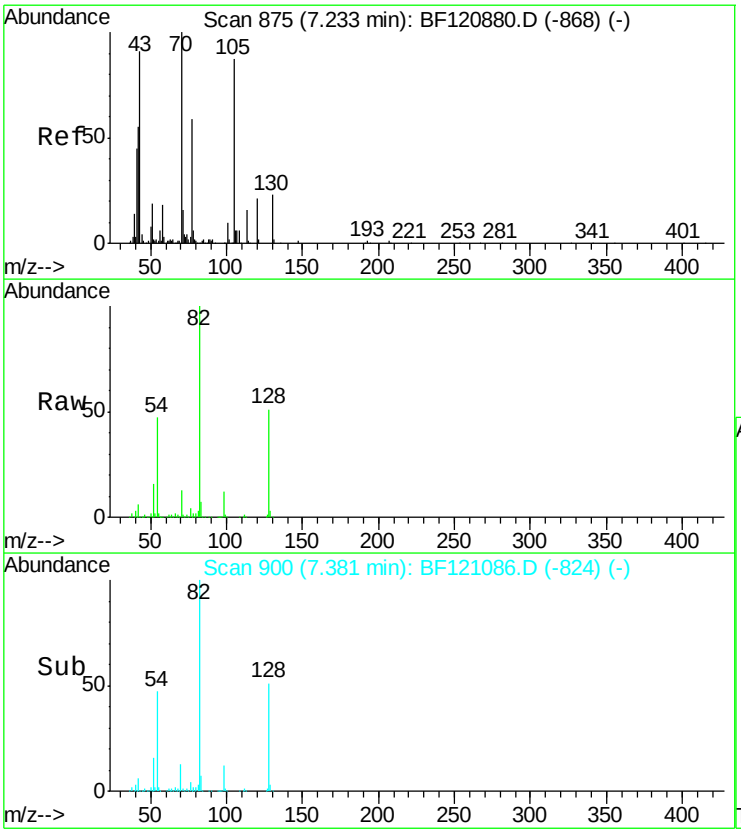
#7
Phenol-d6
Concen: 121.209 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.01 min
Lab File: BF121086.D
Acq: 28 Jul 2020 23:58

Instrument :
BNA_F
ClientSampleId :
SP-2

Tgt Ion: 99 Resp: 1511905

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.1	19.7
71	32.3	24.2	36.4

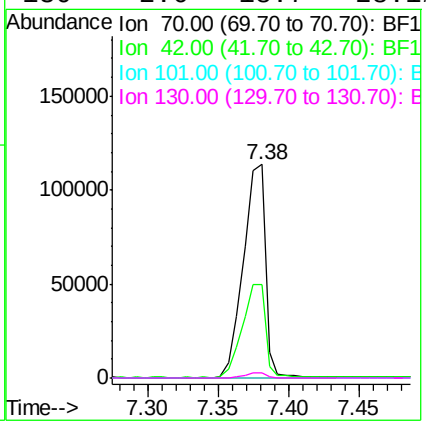


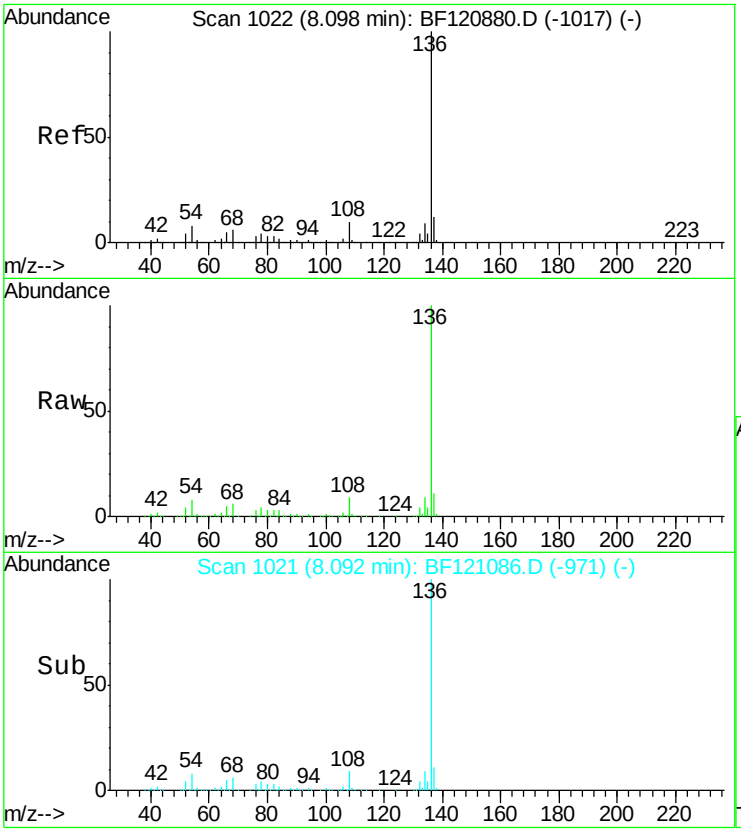


#19
n-Nitroso-di-n-propylamine
Concen: 17.837 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.15 min
Lab File: BF121086.D
Acq: 28 Jul 2020 23:58

Tgt Ion: 70 Resp: 126514

Ion	Ratio	Lower	Upper
70	100		
42	43.7	44.0	66.0#
101	0.0	7.8	11.6#
130	2.6	18.7	28.1#



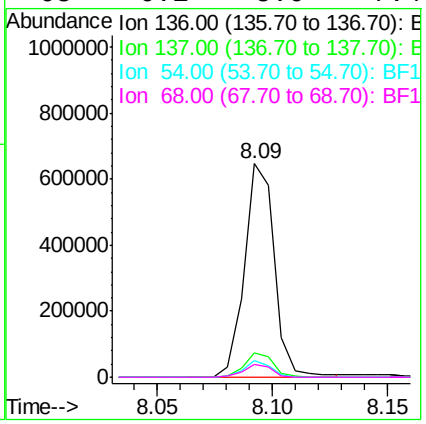


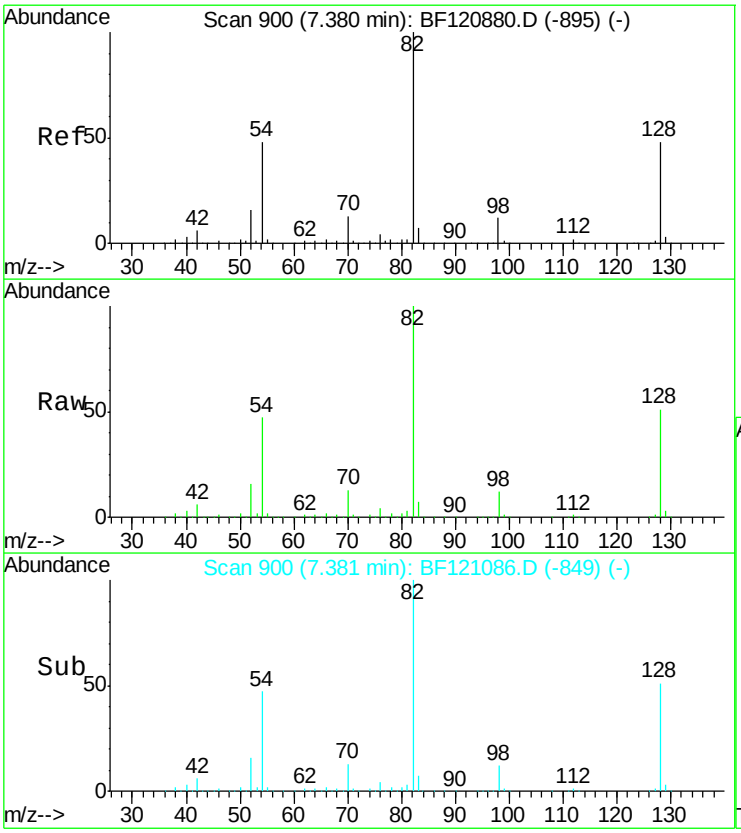
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF121086.D
Acq: 28 Jul 2020 23:58

Instrument :
BNA_F
ClientSampleId :
SP-2

Tgt Ion:136 Resp: 588684

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.3	13.9
54	7.8	6.3	9.5
68	6.1	5.0	7.4

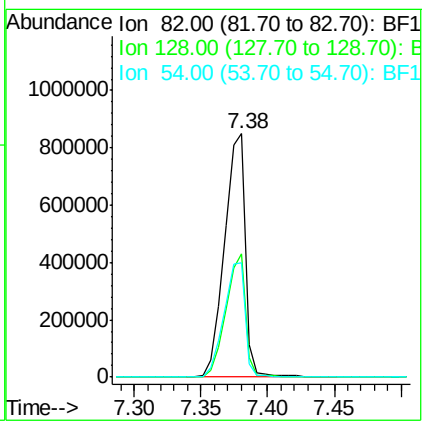


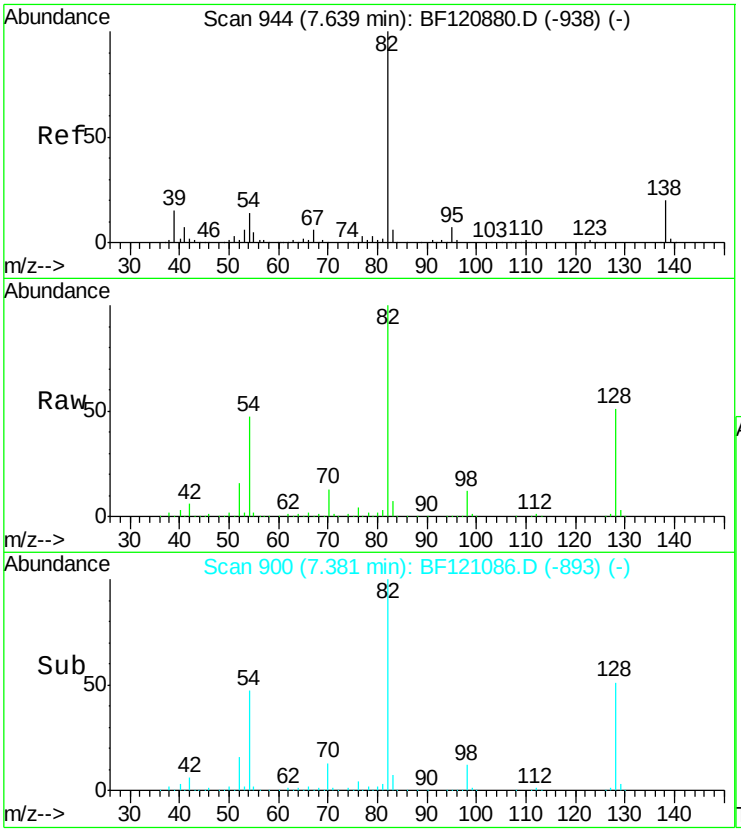


#23
Nitrobenzene-d5
Concen: 93.010 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF121086.D
Acq: 28 Jul 2020 23:58

Tgt Ion: 82 Resp: 946264

Ion	Ratio	Lower	Upper
82	100		
128	50.9	38.2	57.4
54	46.9	38.7	58.1



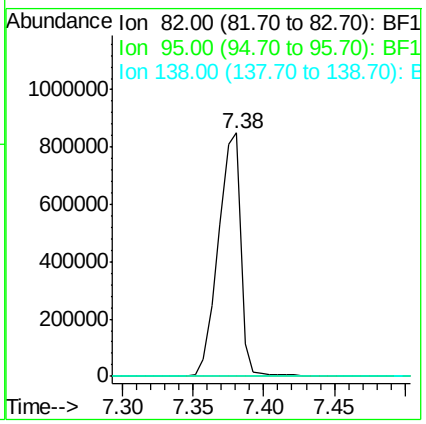


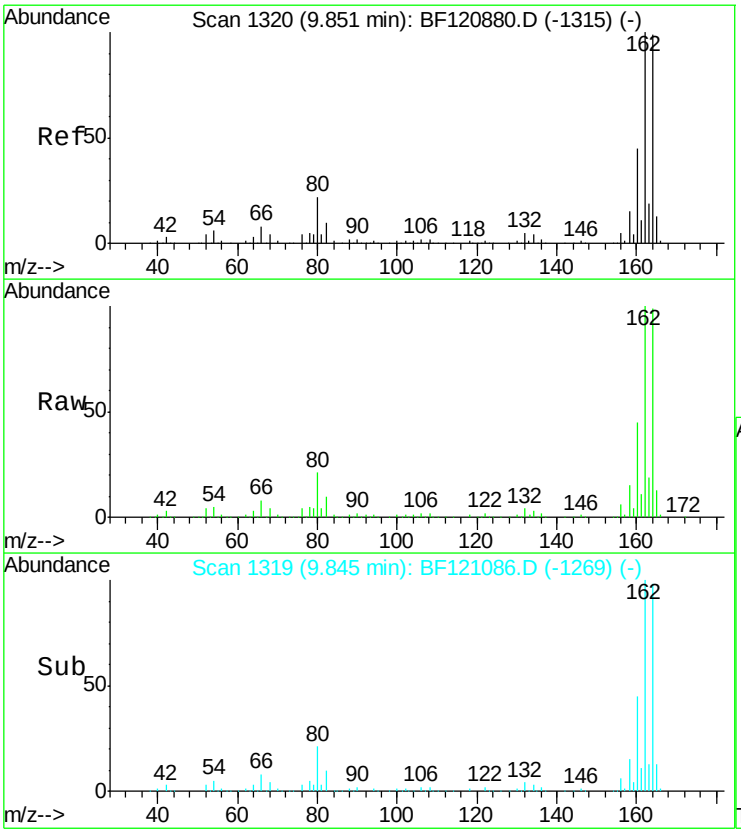
#25
Isophorone
Concen: 46.610 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.26 min
Lab File: BF121086.D
Acq: 28 Jul 2020 23:58

Instrument :
BNA_F
ClientSampleId :
SP-2

Tgt Ion: 82 Resp: 946397

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.5	8.3#
138	0.0	15.6	23.4#

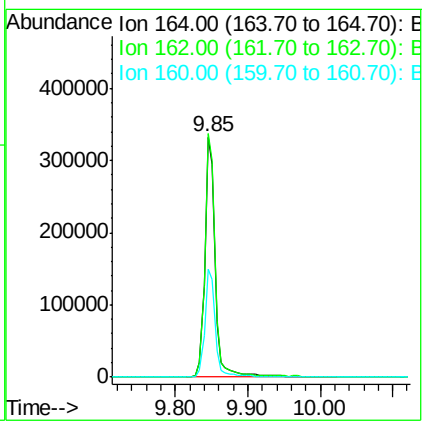


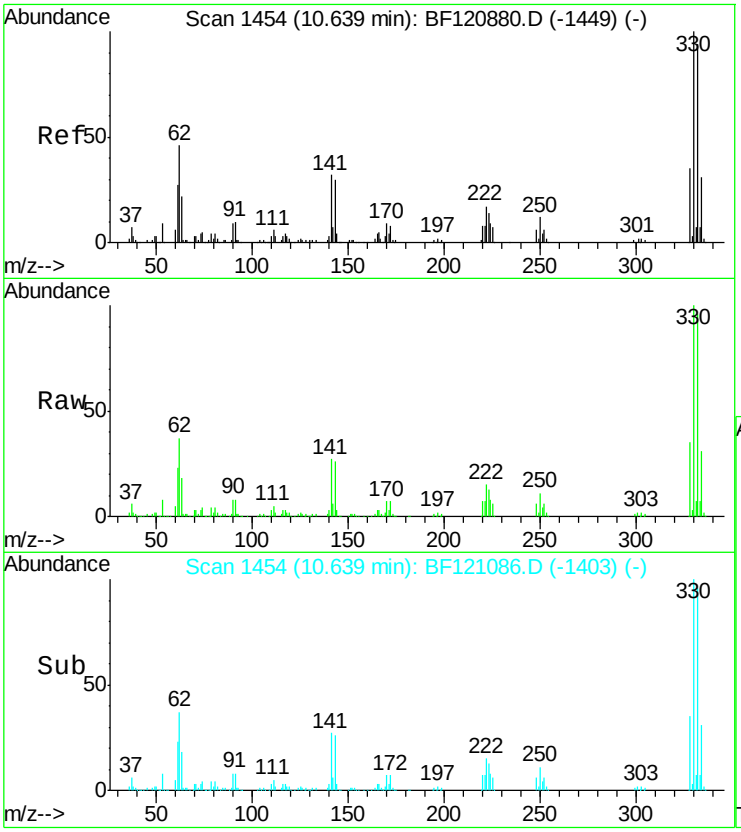


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF121086.D
Acq: 28 Jul 2020 23:58

Tgt Ion:164 Resp: 332988

Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.2	121.8
160	45.1	36.9	55.3



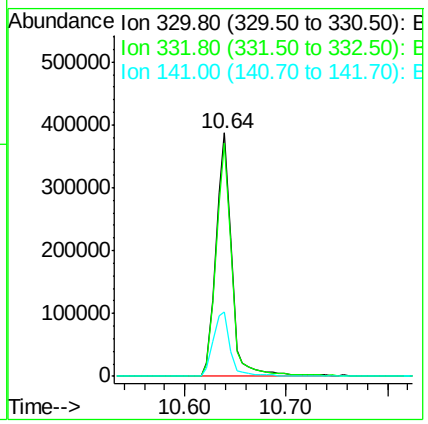


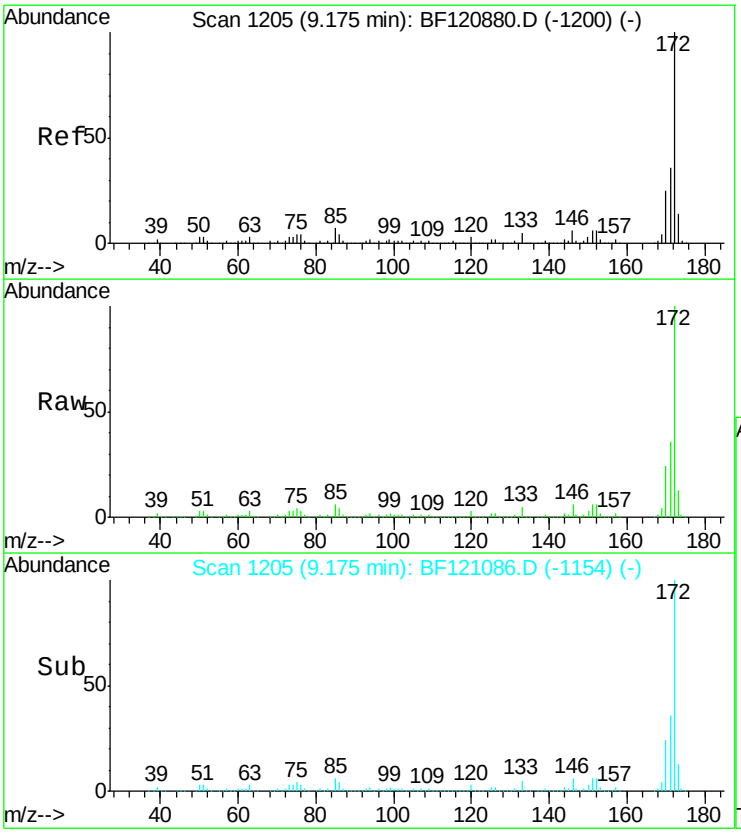
#42
2,4,6-Tribromophenol
Concen: 114.488 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.00 min
Lab File: BF121086.D
Acq: 28 Jul 2020 23:58

Instrument :
BNA_F
ClientSampleId :
SP-2

Tgt Ion:330 Resp: 417294

Ion	Ratio	Lower	Upper
330	100		
332	96.2	75.5	113.3
141	29.4	25.7	38.5

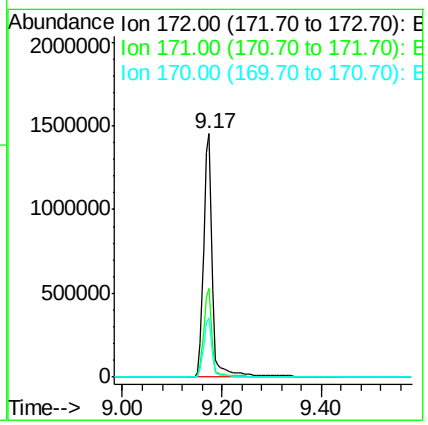


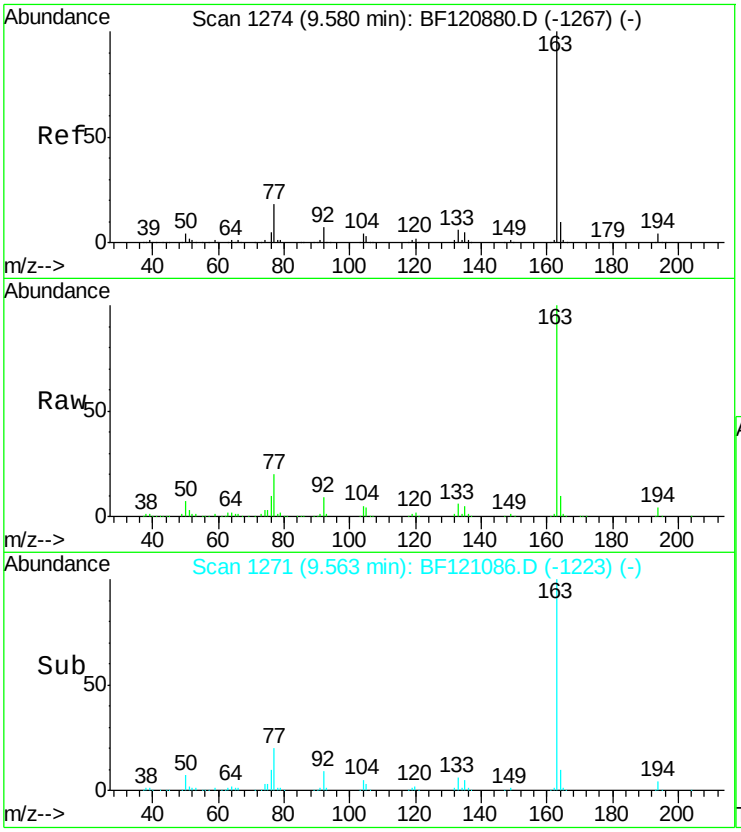


#45
2-Fluorobiphenyl
Concen: 78.999 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF121086.D
Acq: 28 Jul 2020 23:58

Tgt Ion:172 Resp: 1761894

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.0	43.4
170	24.4	19.6	29.4



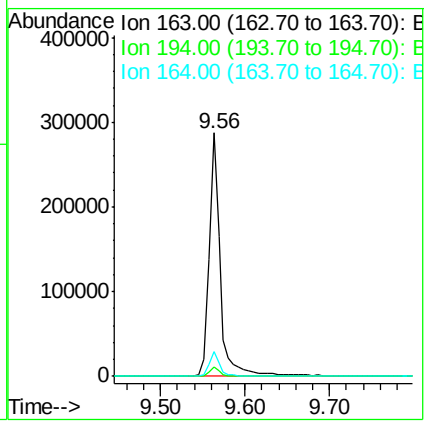


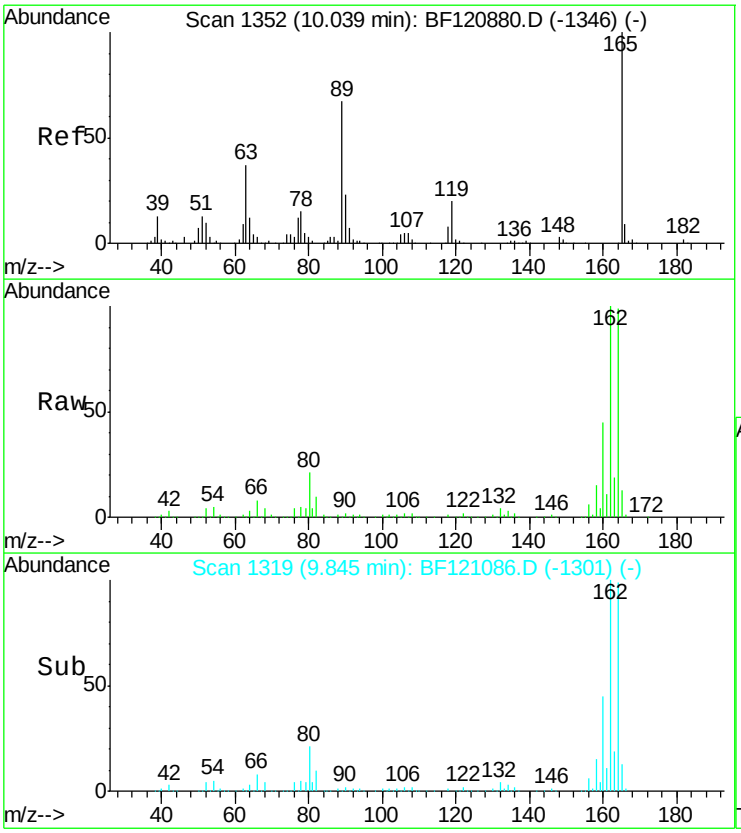
#50
Dimethylphthalate
Concen: 11.083 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF121086.D
Acq: 28 Jul 2020 23:58

Instrument :
BNA_F
ClientSampleId :
SP-2

Tgt Ion:163 Resp: 266251

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	10.0	7.9	11.9

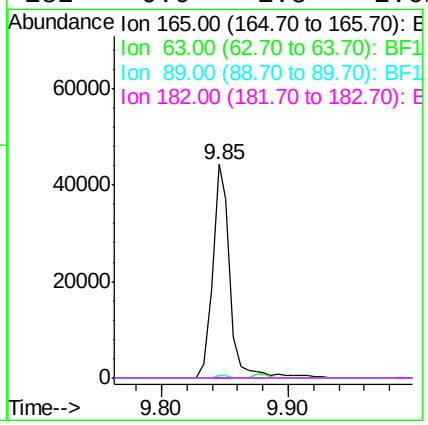


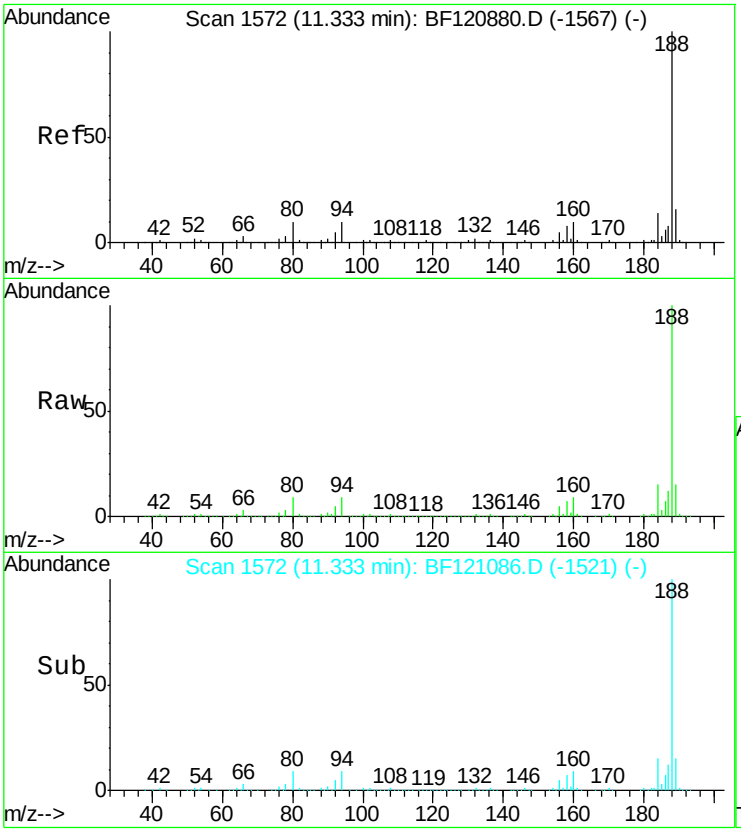


#57
2,4-Dinitrotoluene
Concen: 6.315 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.19 min
Lab File: BF121086.D
Acq: 28 Jul 2020 23:58

Tgt Ion:165 Resp: 42799

Ion	Ratio	Lower	Upper
165	100		
63	1.3	29.4	44.2#
89	1.0	53.4	80.0#
182	0.0	1.8	2.6#



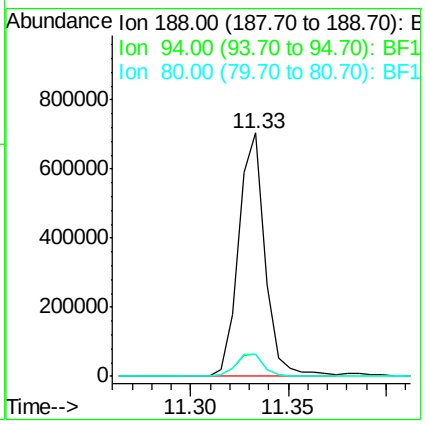


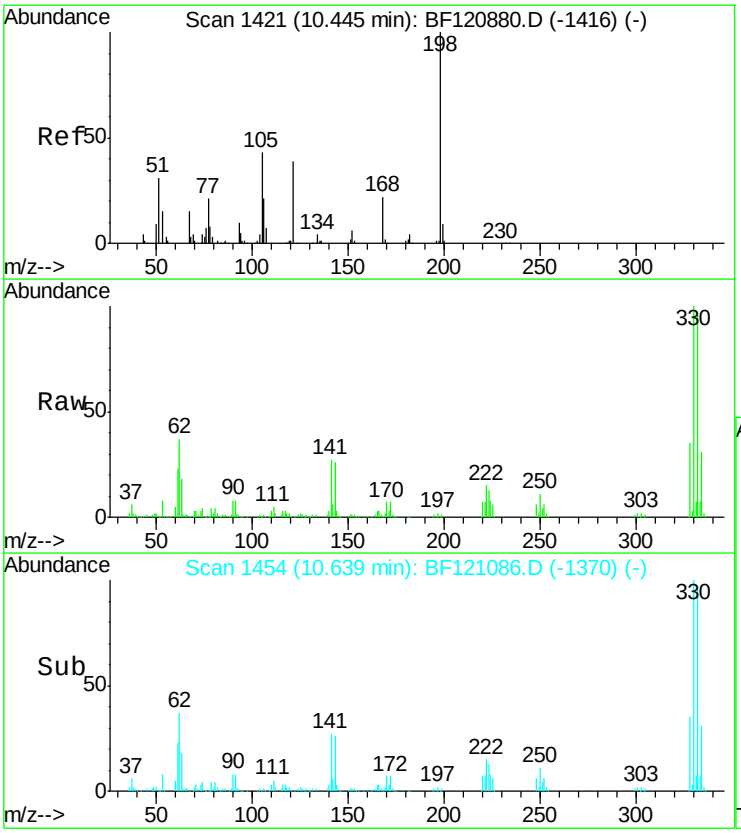
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF121086.D
Acq: 28 Jul 2020 23:58

Instrument :
BNA_F
ClientSampleId :
SP-2

Tgt Ion:188 Resp: 660631

Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.0	12.0
80	9.1	8.3	12.5

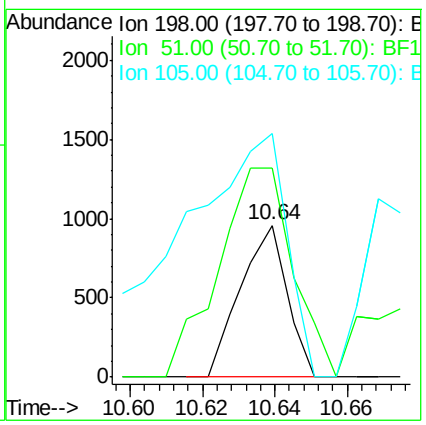


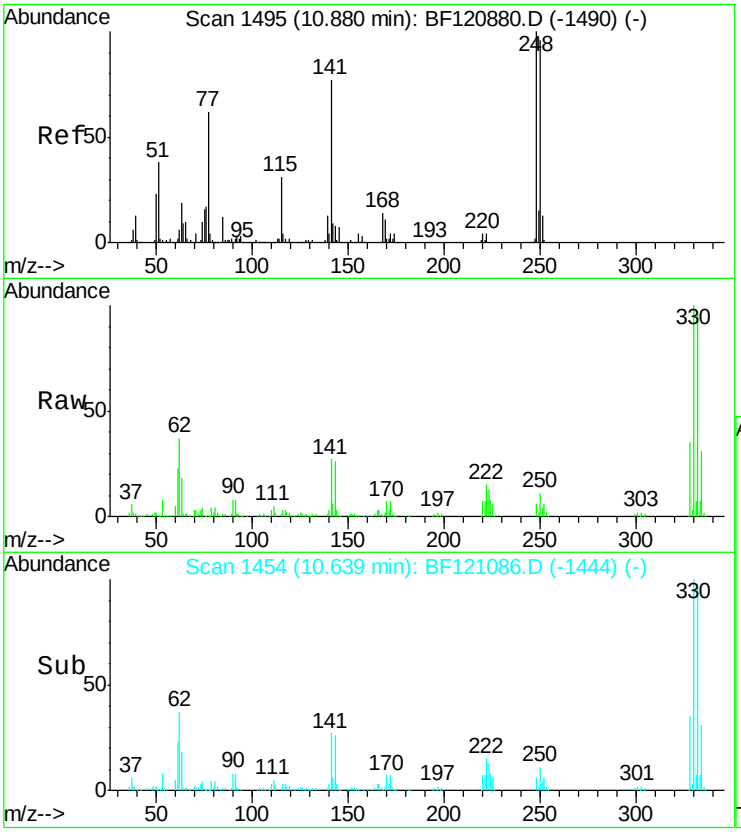


#65
4,6-Dinitro-2-methylphenol
Concen: 4.048 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.19 min
Lab File: BF121086.D
Acq: 28 Jul 2020 23:58

Tgt Ion:198 Resp: 856

Ion	Ratio	Lower	Upper
198	100		
51	138.1	19.5	59.5#
105	160.4	24.4	64.4#



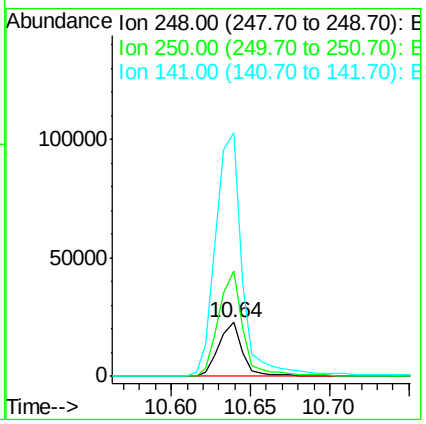


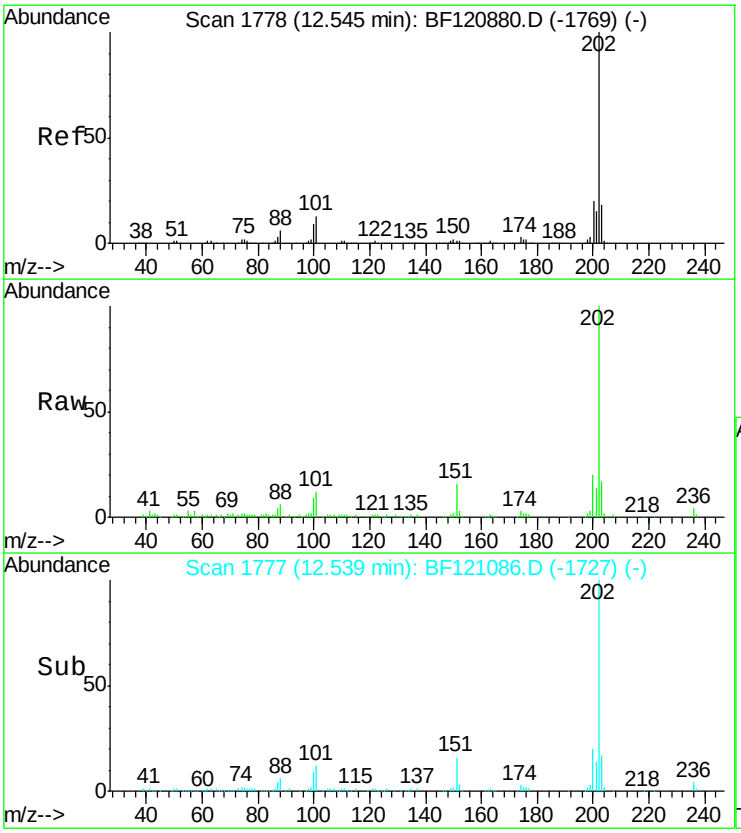
#67
4-Bromophenyl-phenylether
Concen: 3.258 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF121086.D
Acq: 28 Jul 2020 23:58

Instrument :
BNA_F
ClientSampleId :
SP-2

Tgt Ion:248 Resp: 23996

Ion	Ratio	Lower	Upper
248	100		
250	195.0	77.1	115.7#
141	452.8	61.2	91.8#

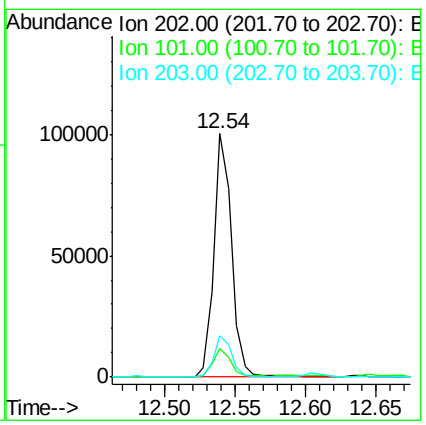


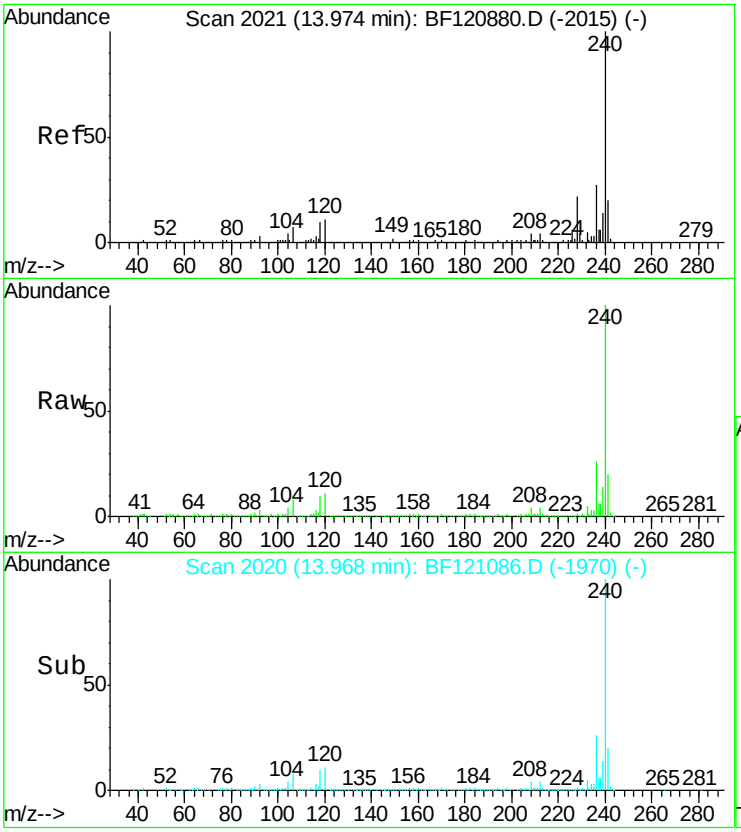


#75
Fluoranthene
Concen: 2.334 ng
RT: 12.54 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BF121086.D
Acq: 28 Jul 2020 23:58

Tgt Ion:202 Resp: 87887

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	32.7
203	16.8	0.0	38.0



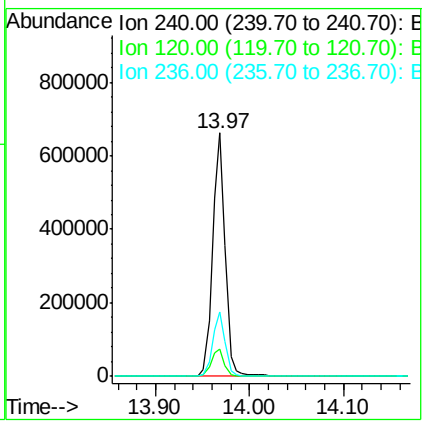


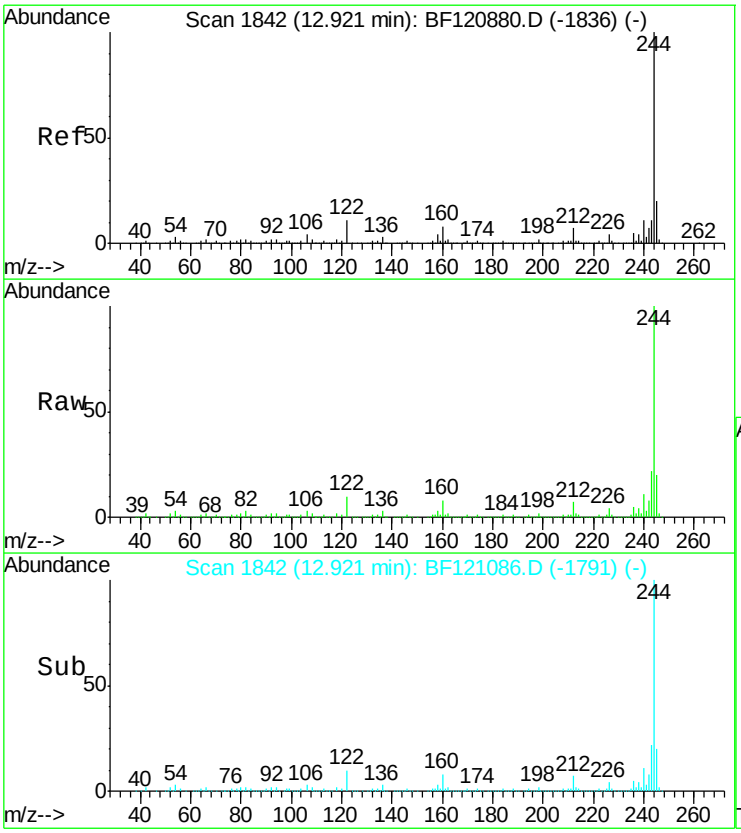
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF121086.D
Acq: 28 Jul 2020 23:58

Instrument :
BNA_F
ClientSampleId :
SP-2

Tgt Ion:240 Resp: 628572

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.0	13.4
236	26.4	21.7	32.5

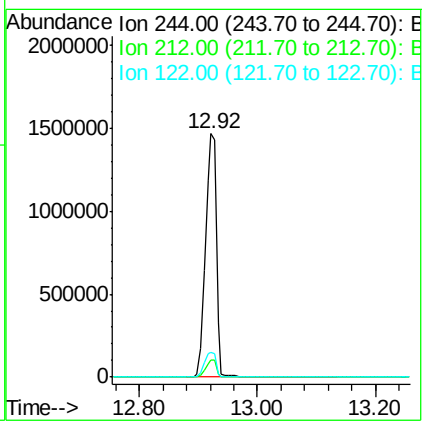


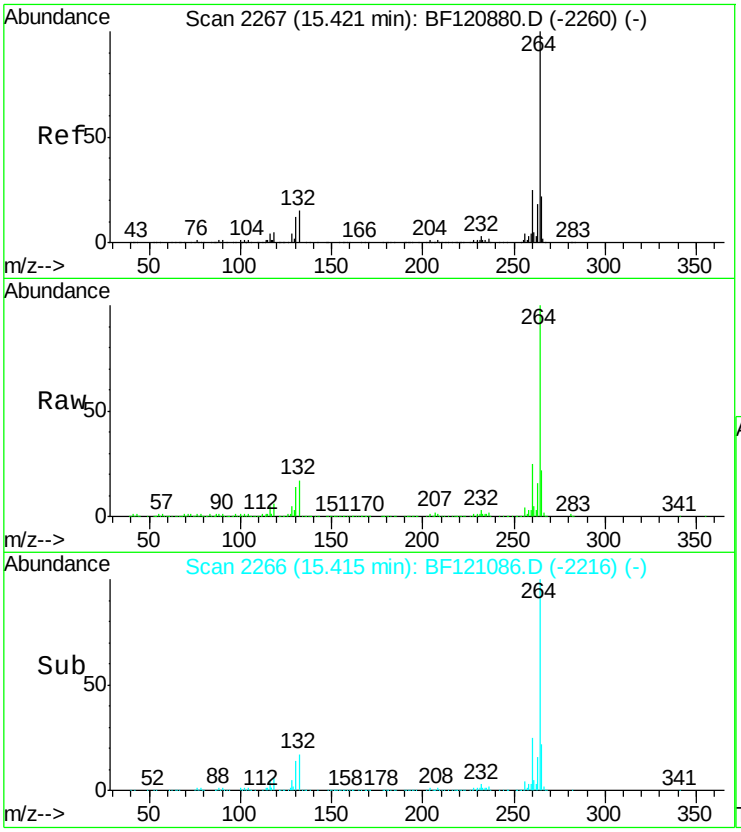


#79
Terphenyl-d14
Concen: 65.550 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.00 min
Lab File: BF121086.D
Acq: 28 Jul 2020 23:58

Tgt Ion:244 Resp: 1895443

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.6	8.4
122	10.2	8.9	13.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF121086.D
Acq: 28 Jul 2020 23:58

Instrument :
BNA_F
ClientSampleId :
SP-2

Tgt Ion:264 Resp: 634347

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.0	30.0
265	22.0	17.4	26.2