Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070720\
Data File : BF120784.D
Acq On : 7 Jul 2020 13:42
Operator : JU/CG
Sample : L3215-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Time: Jul 07 16:14:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 02 18:51:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	154186	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	590927	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	306147	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	547815	20.00	ng		0.00
76) Chrysene-d12	14.00	240	420757	20.00	ng		0.00
86) Perylene-d12	15.47	264	347018	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	188303	18.85	ng		0.00
7) Phenol-d6	6.47	99	399297	31.30	ng		0.00
23) Nitrobenzene-d5	7.42	82	951724	93.31	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	477534	155.26	ng		0.00
45) 2-Fluorobiphenyl	9.21	172	1769891	87.47	ng		0.00
79) Terphenyl-d14	12.96	244	2157273	100.38	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.49	94	29206	2.226	ng		88
27) 2,4-Dimethylphenol	7.79	122	353479	40.257	ng		99
31) Naphthalene	8.16	128	2070143	65.551	ng		97
37) 2-Methylnaphthalene	8.85	142	93366	4.548	ng	#	80
38) 1-Methylnaphthalene	8.95	142	323041	16.799	ng	#	98
50) Dimethylphthalate	9.60	163	67080	3.004	ng	#	91
73) Carbazole	11.60	167	102299	3.544	ng		99

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

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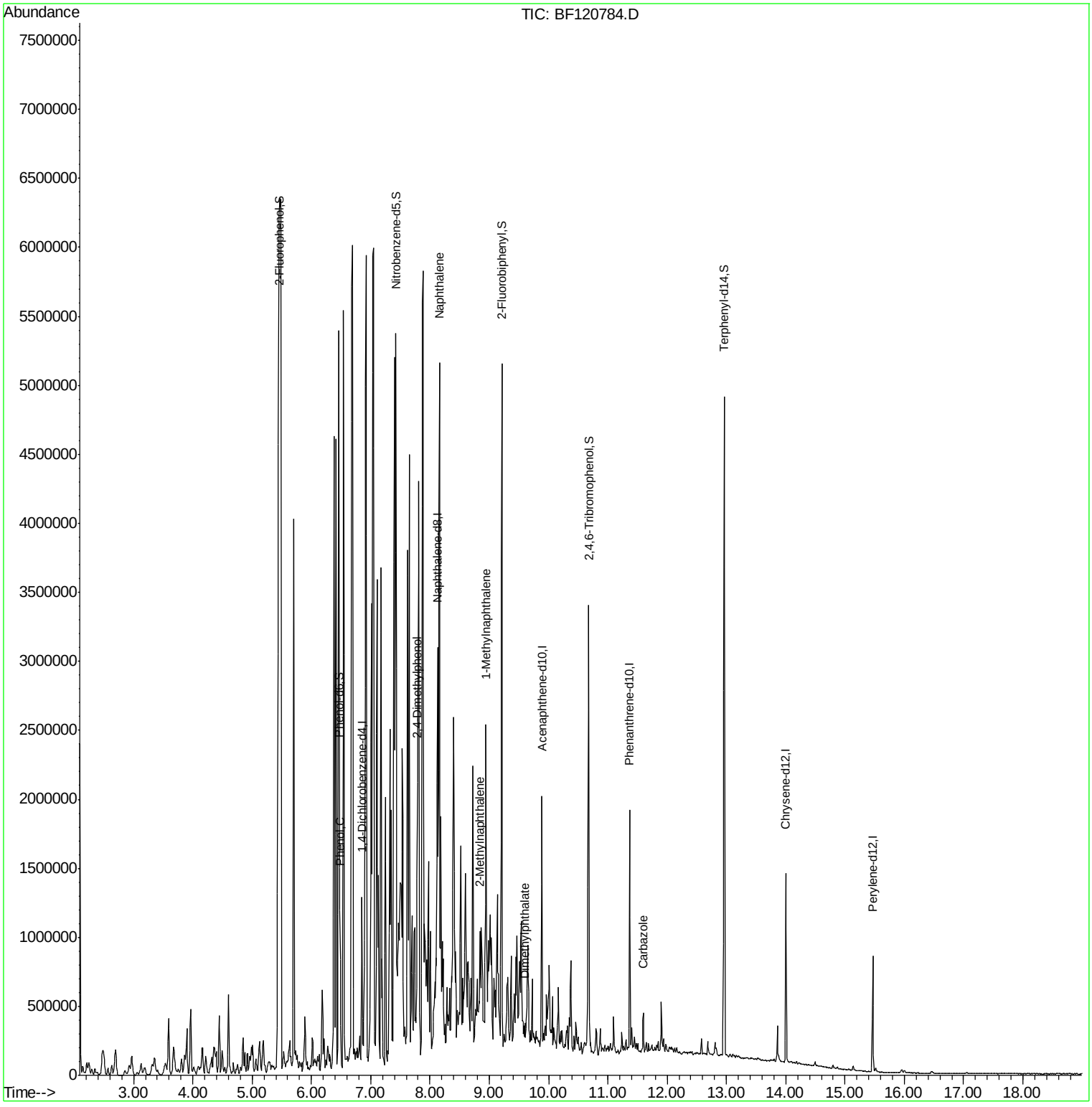
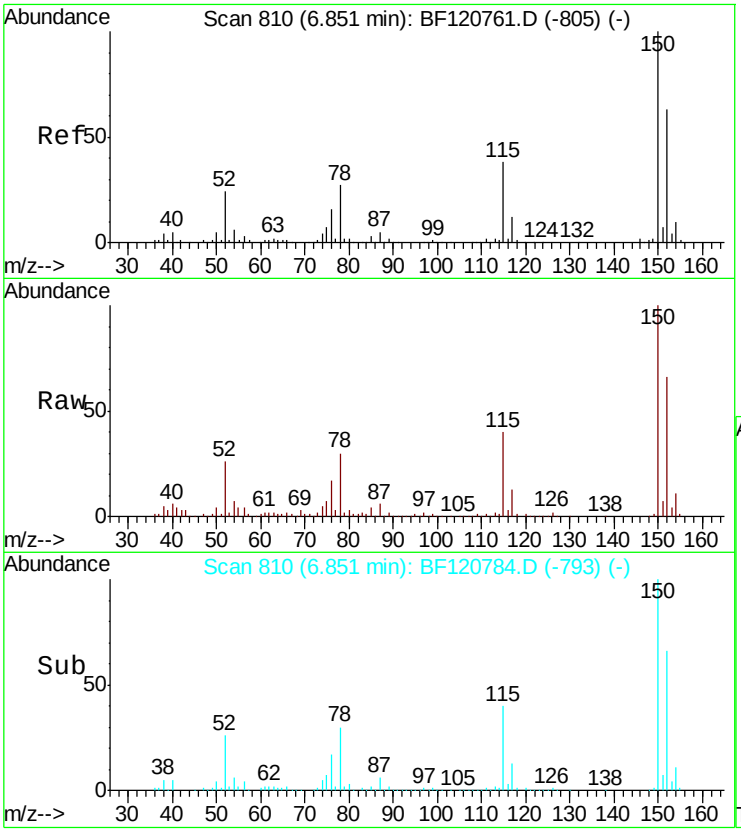


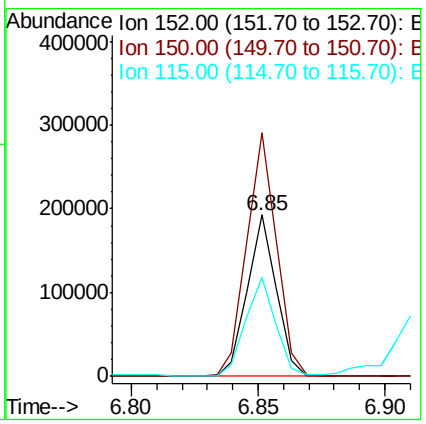


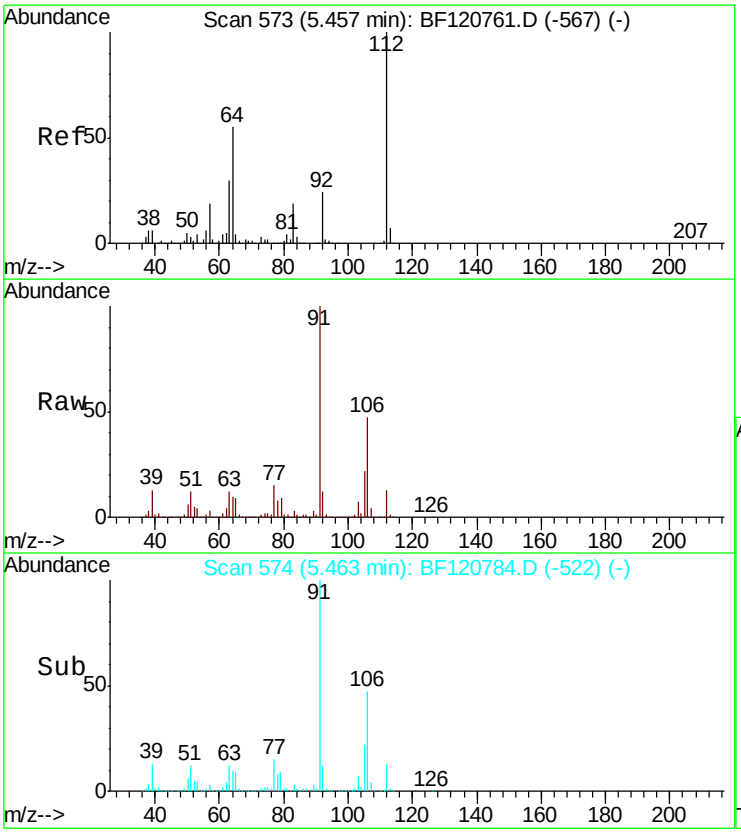
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF120784.D
Acq: 7 Jul 2020 13:42

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion:152 Resp: 154186

Ion	Ratio	Lower	Upper
152	100		
150	151.0	126.1	189.1
115	61.1	48.5	72.7

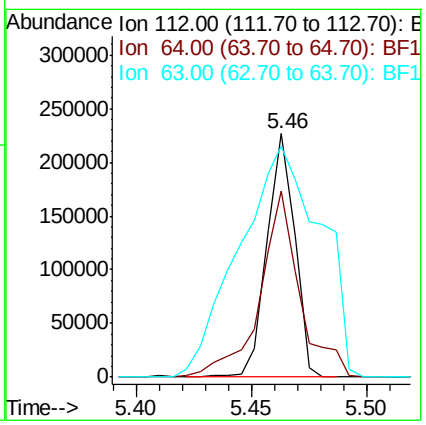


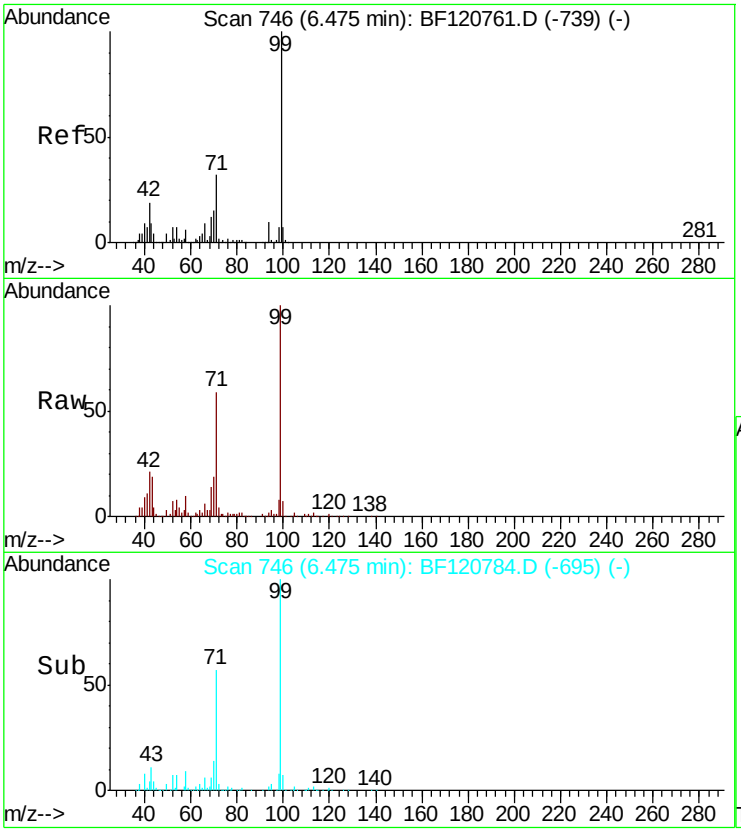


#5
2-Fluorophenol
Concen: 18.852 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.01 min
Lab File: BF120784.D
Acq: 7 Jul 2020 13:42

Tgt Ion:112 Resp: 188303

Ion	Ratio	Lower	Upper
112	100		
64	76.6	43.8	65.6#
63	94.6	23.6	35.4#



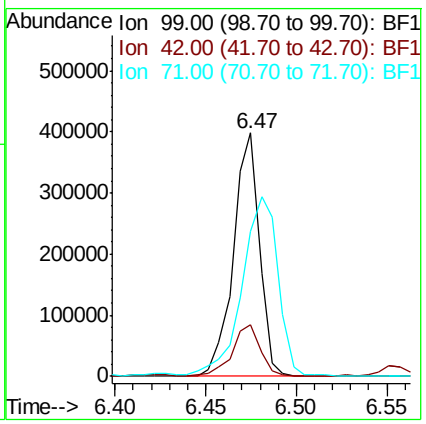


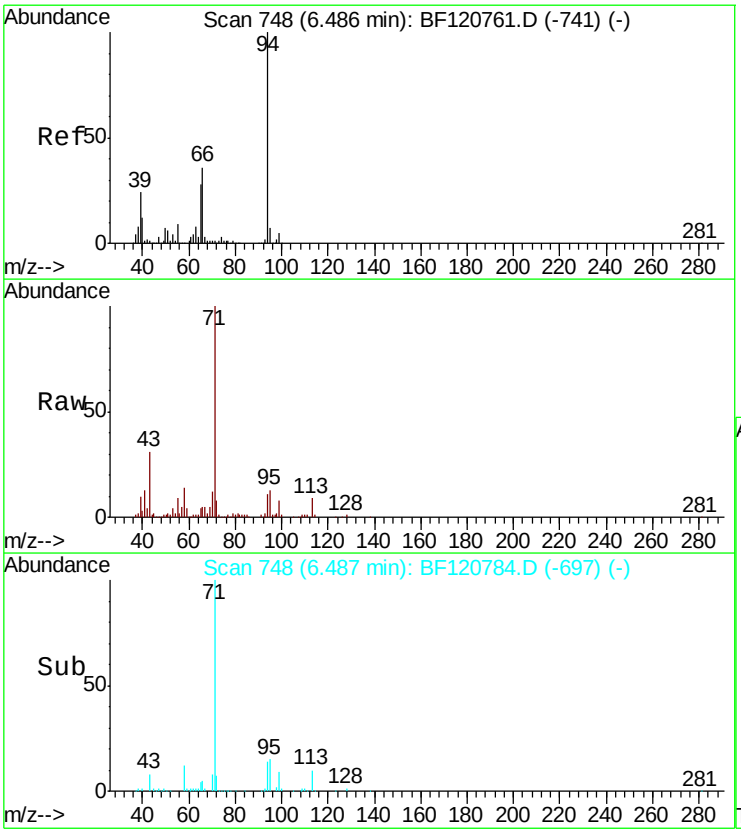
#7
Phenol-d6
Concen: 31.304 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF120784.D
Acq: 7 Jul 2020 13:42

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion: 99 Resp: 399297

Ion	Ratio	Lower	Upper
99	100		
42	21.0	15.4	23.0
71	59.3	25.9	38.9#

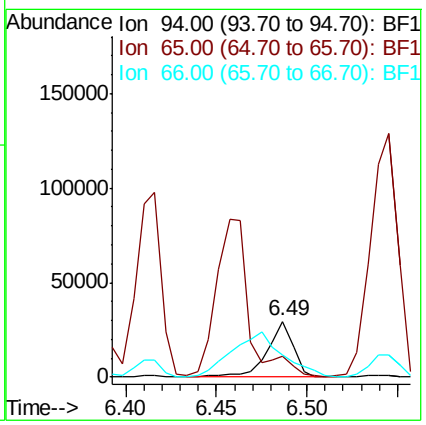


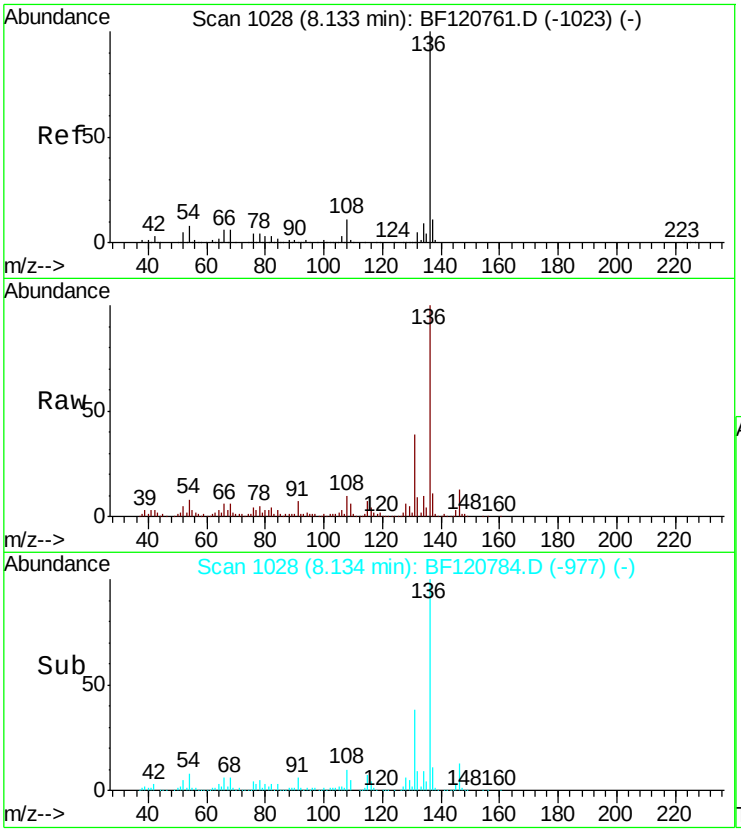


#10
Phenol
Concen: 2.226 ng
RT: 6.49 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF120784.D
Acq: 7 Jul 2020 13:42

Tgt Ion: 94 Resp: 29206

Ion	Ratio	Lower	Upper
94	100		
65	38.7	8.4	48.4
66	40.4	16.5	56.5



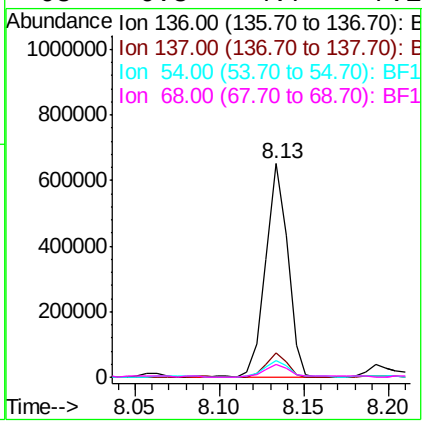


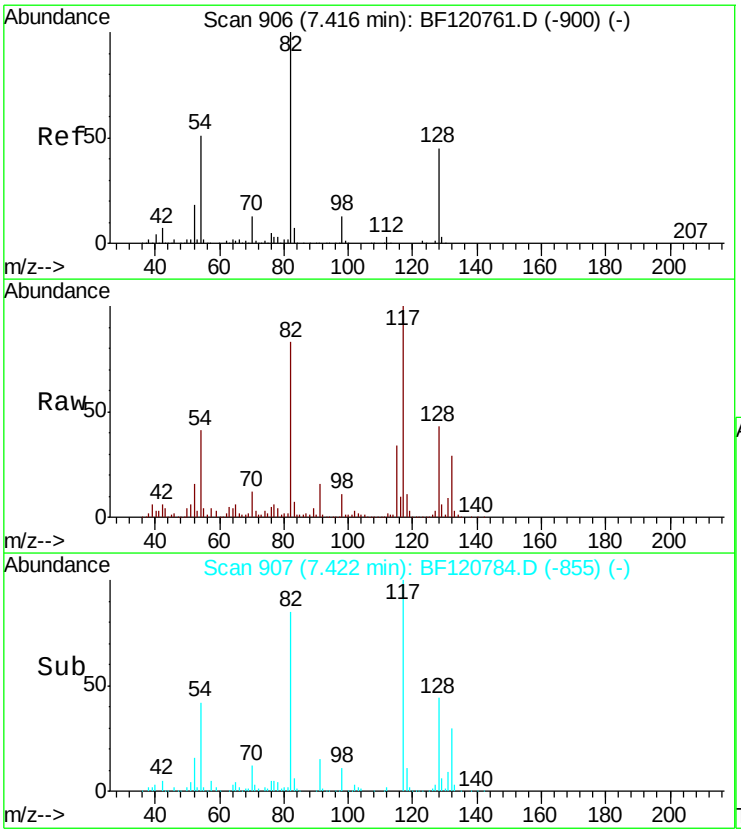
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF120784.D
Acq: 7 Jul 2020 13:42

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion:136 Resp: 590927

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	8.0	6.2	9.4
68	6.3	4.7	7.1

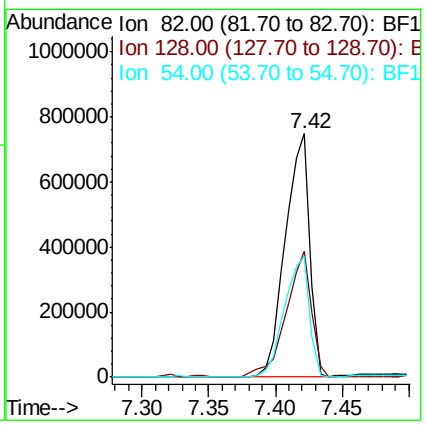


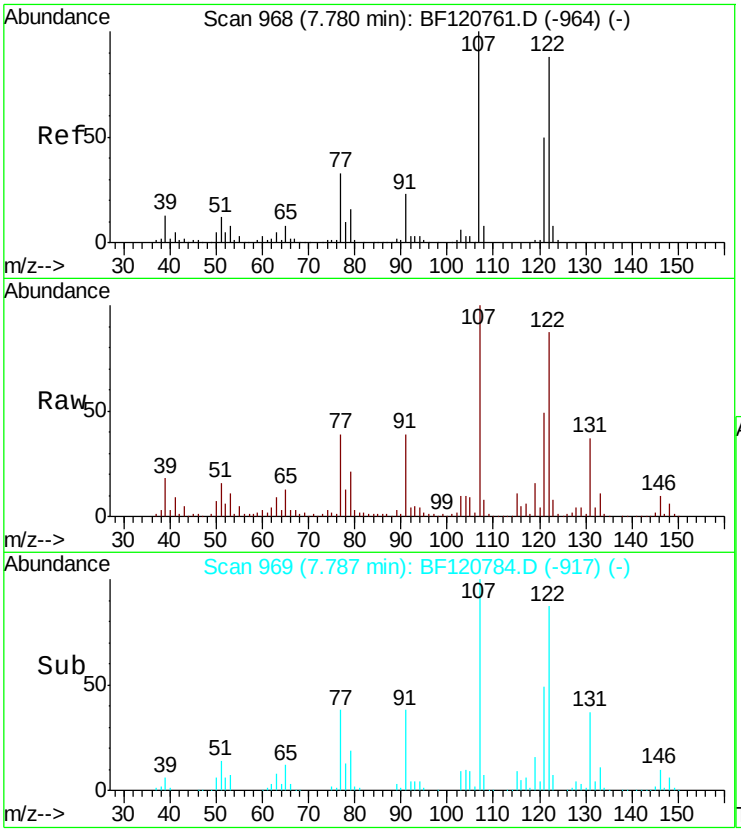


#23
Nitrobenzene-d5
Concen: 93.312 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.01 min
Lab File: BF120784.D
Acq: 7 Jul 2020 13:42

Tgt Ion: 82 Resp: 951724

Ion	Ratio	Lower	Upper
82	100		
128	51.4	35.7	53.5
54	49.5	40.9	61.3



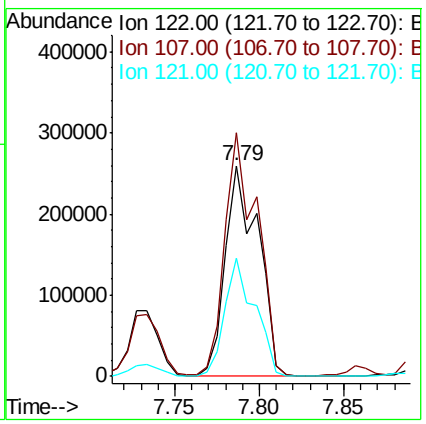


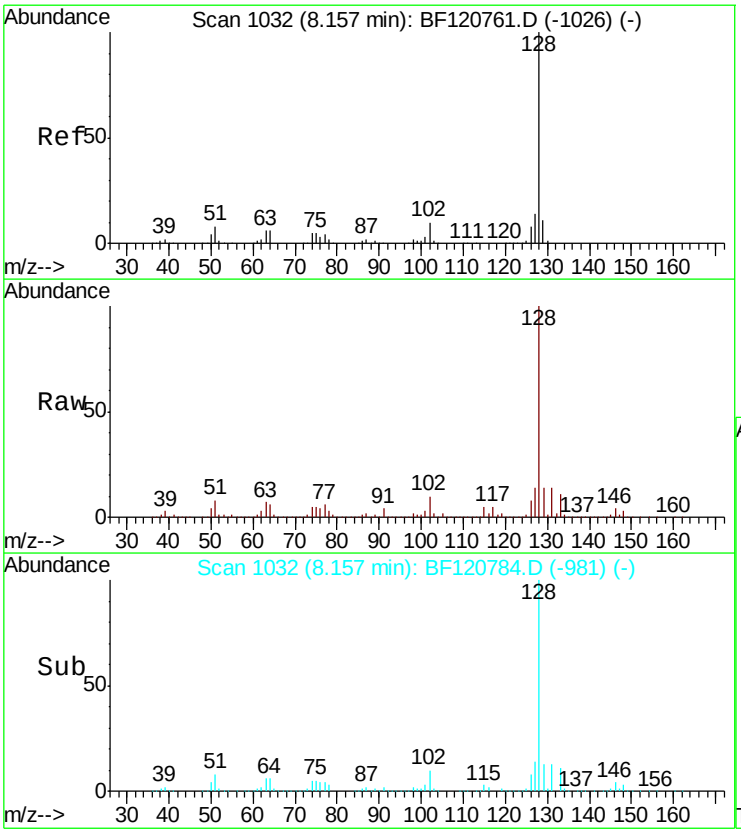
#27
2,4-Dimethylphenol
Concen: 40.257 ng
RT: 7.79 min Scan# 969
Delta R.T. 0.01 min
Lab File: BF120784.D
Acq: 7 Jul 2020 13:42

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion:122 Resp: 353479

Ion	Ratio	Lower	Upper
122	100		
107	115.6	90.7	136.1
121	56.4	45.4	68.0

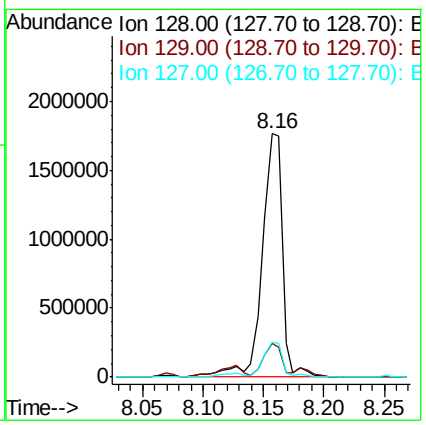


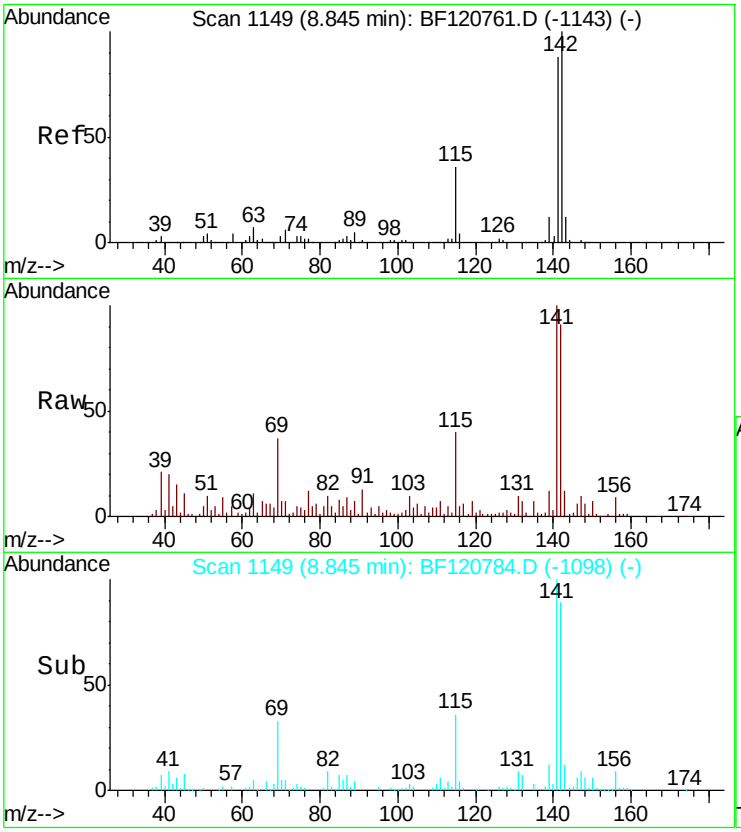


#31
Naphthalene
Concen: 65.551 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF120784.D
Acq: 7 Jul 2020 13:42

Tgt Ion:128 Resp: 2070143

Ion	Ratio	Lower	Upper
128	100		
129	13.6	9.2	13.8
127	14.4	11.1	16.7



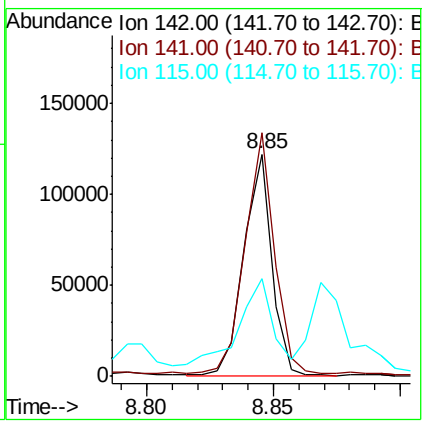


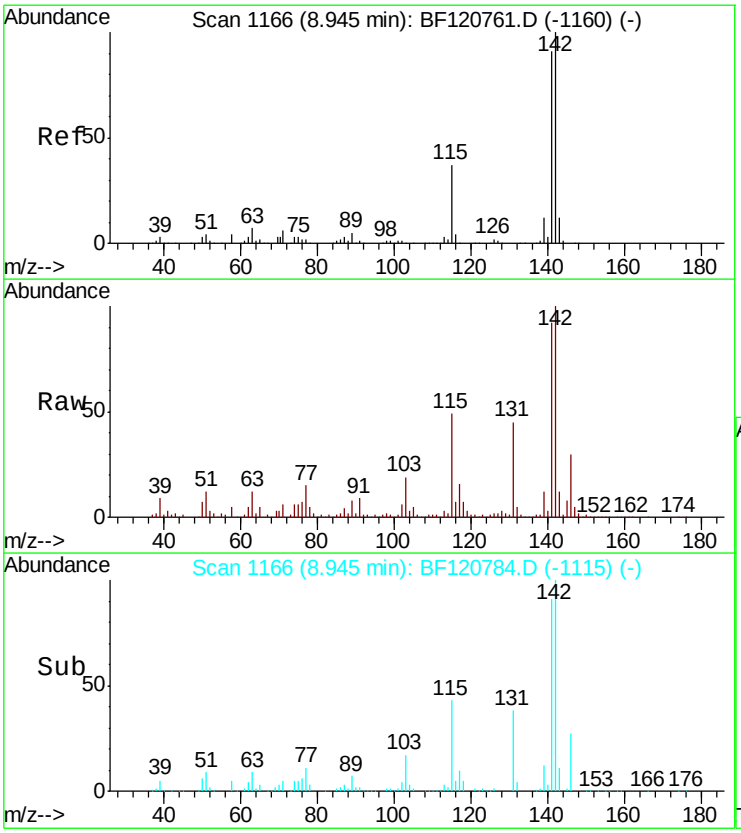
#37
2-Methylnaphthalene
Concen: 4.548 ng
RT: 8.85 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF120784.D
Acq: 7 Jul 2020 13:42

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion:142 Resp: 93366

Ion	Ratio	Lower	Upper
142	100		
141	109.4	70.2	105.4#
115	44.0	29.0	43.4#

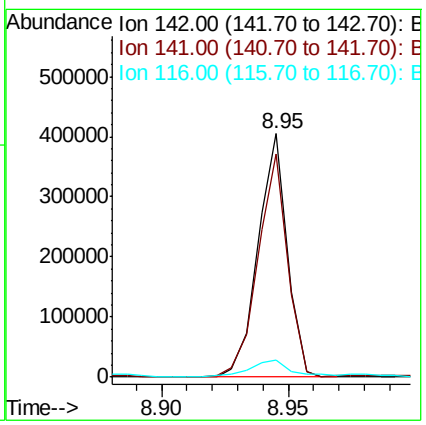


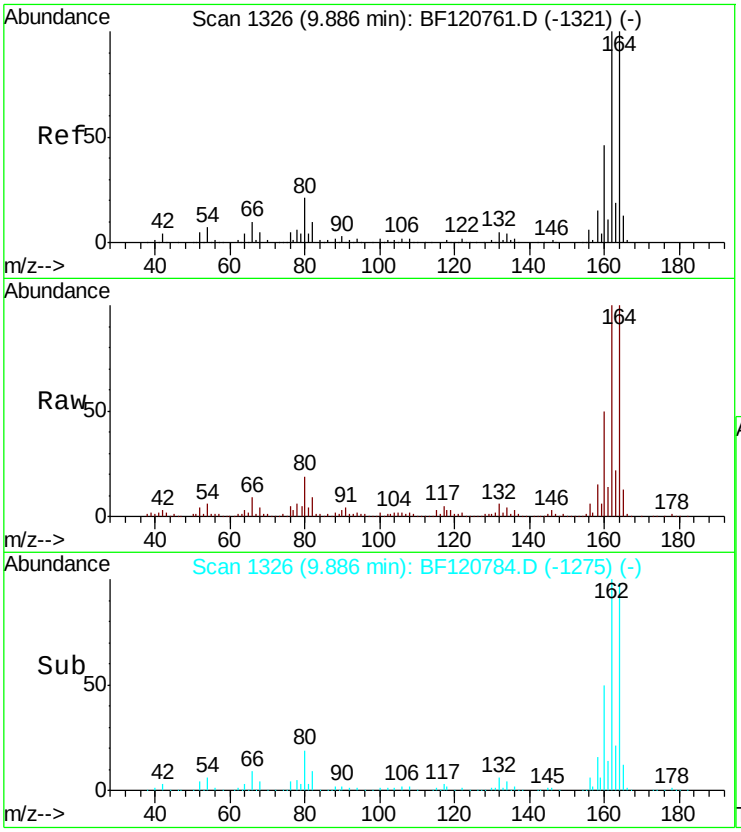


#38
1-Methylnaphthalene
Concen: 16.799 ng
RT: 8.95 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF120784.D
Acq: 7 Jul 2020 13:42

Tgt Ion:142 Resp: 323041

Ion	Ratio	Lower	Upper
142	100		
141	91.8	72.5	108.7
116	7.0	3.1	4.7#



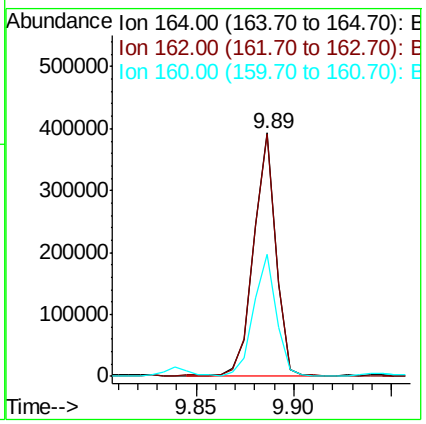


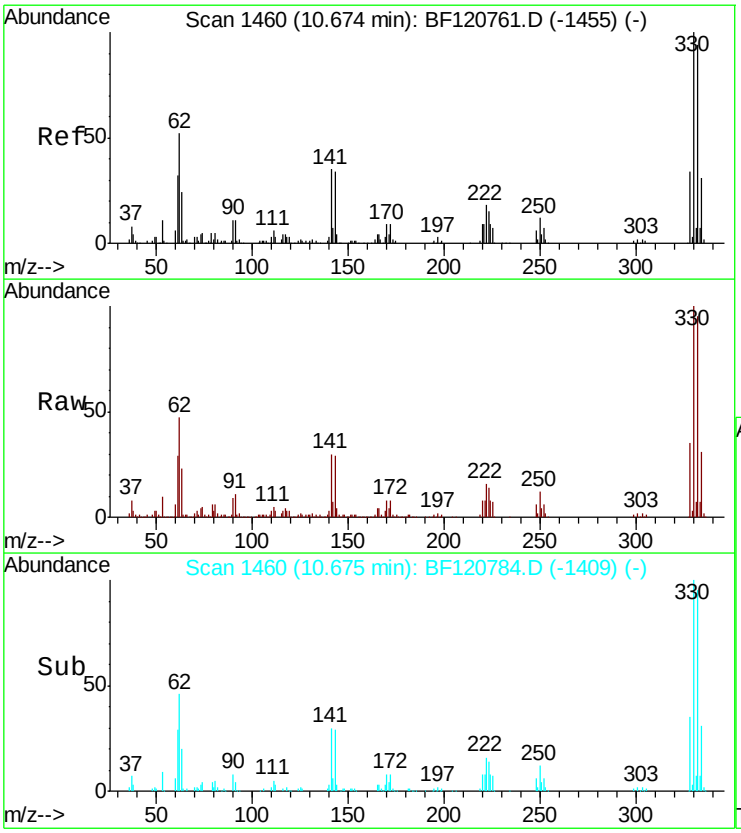
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF120784.D
Acq: 7 Jul 2020 13:42

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion:164 Resp: 306147

Ion	Ratio	Lower	Upper
164	100		
162	99.7	80.2	120.2
160	49.9	36.9	55.3

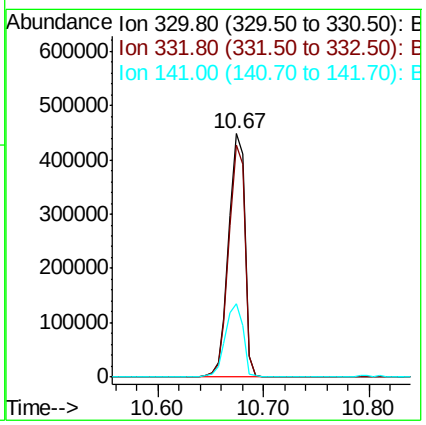


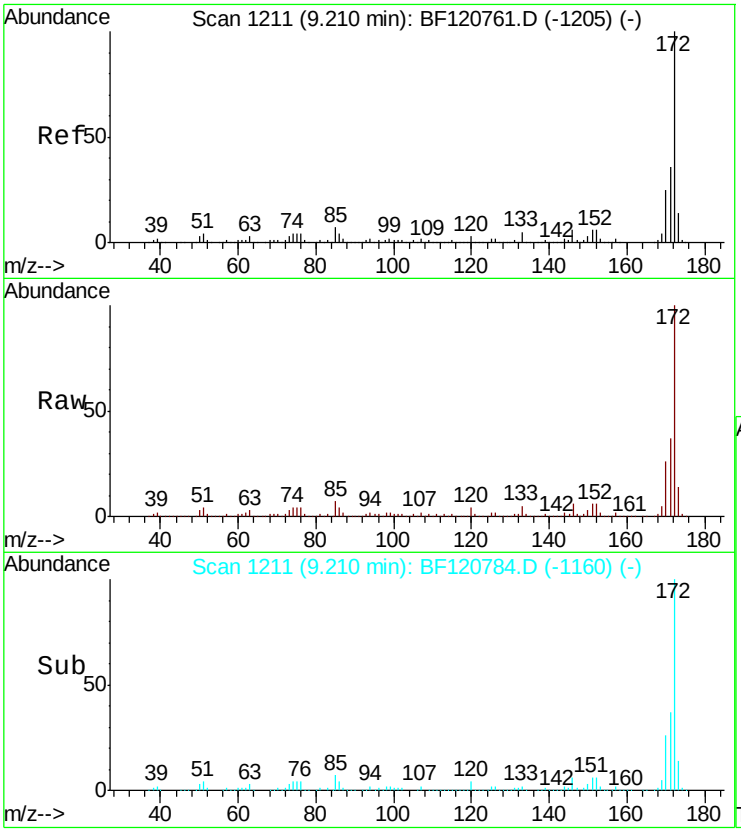


#42
2,4,6-Tribromophenol
Concen: 155.261 ng
RT: 10.67 min Scan# 1460
Delta R.T. 0.00 min
Lab File: BF120784.D
Acq: 7 Jul 2020 13:42

Tgt Ion:330 Resp: 477534

Ion	Ratio	Lower	Upper
330	100		
332	95.0	75.8	113.6
141	33.1	29.7	44.5



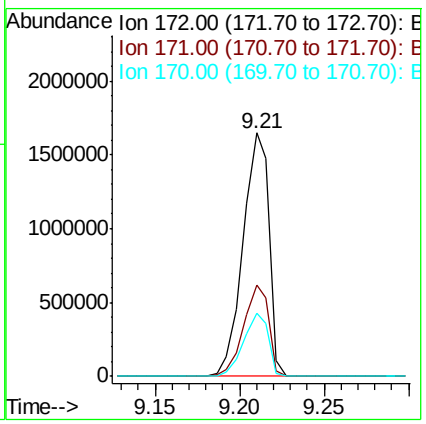


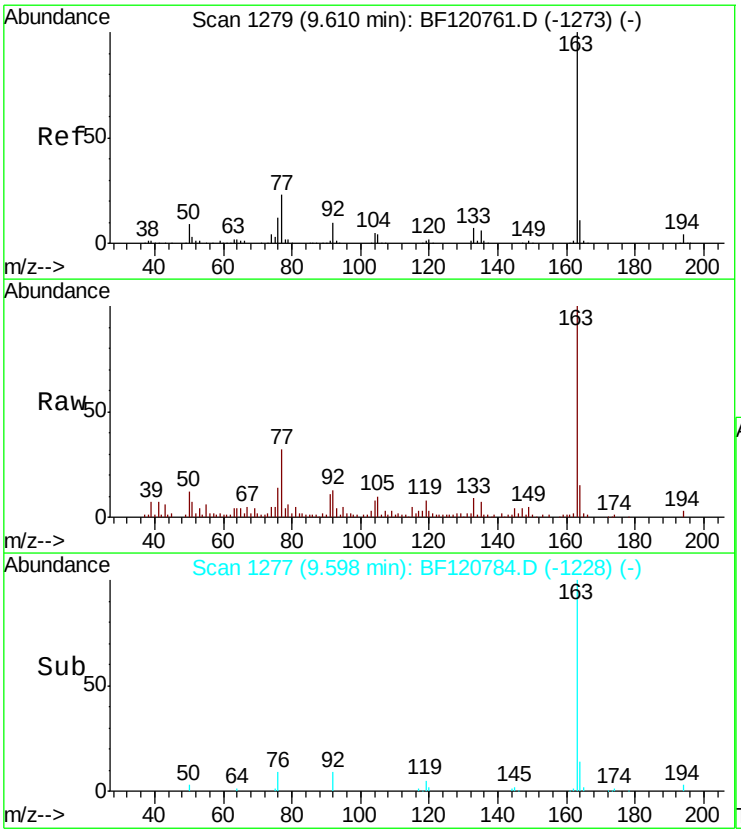
#45
2-Fluorobiphenyl
Concen: 87.466 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF120784.D
Acq: 7 Jul 2020 13:42

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion:172 Resp: 1769891

Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.1	43.7
170	25.7	19.8	29.6

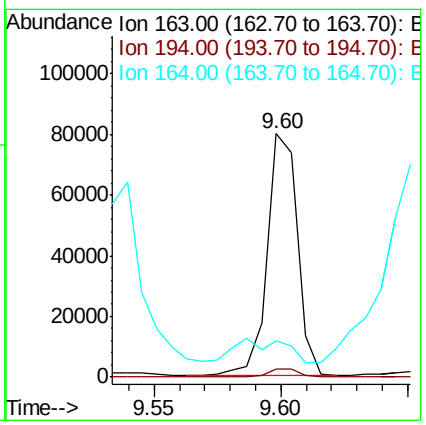


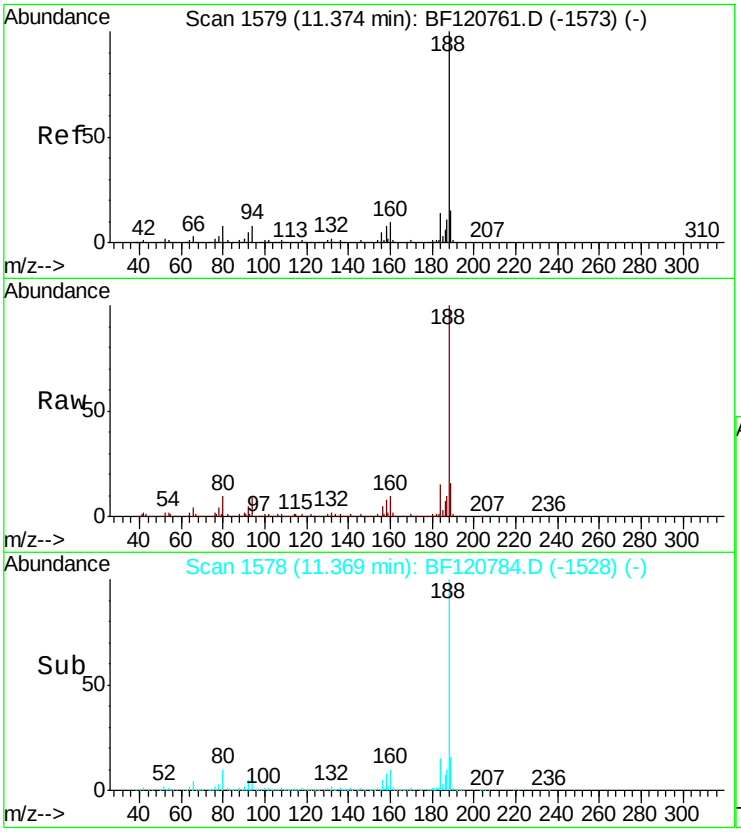


#50
Dimethylphthalate
Concen: 3.004 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF120784.D
Acq: 7 Jul 2020 13:42

Tgt Ion:163 Resp: 67080

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.9	4.3
164	15.0	8.5	12.7#



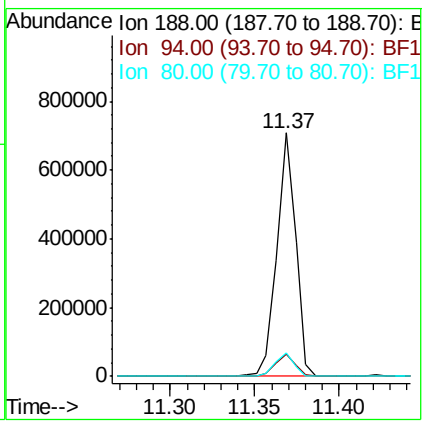


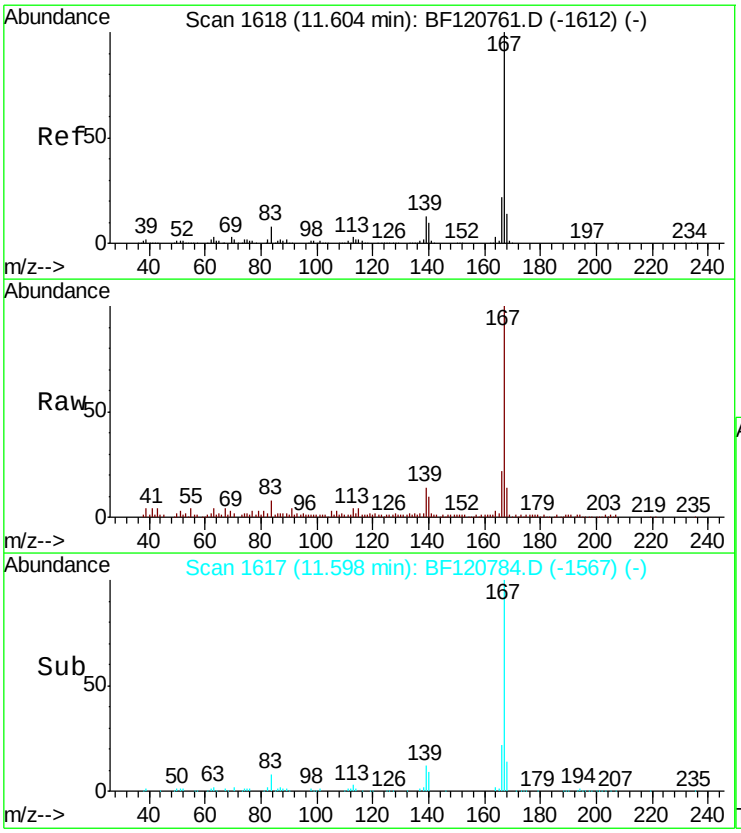
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF120784.D
Acq: 7 Jul 2020 13:42

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion:188 Resp: 547815

Ion	Ratio	Lower	Upper
188	100		
94	9.3	6.6	9.8
80	9.8	6.6	10.0

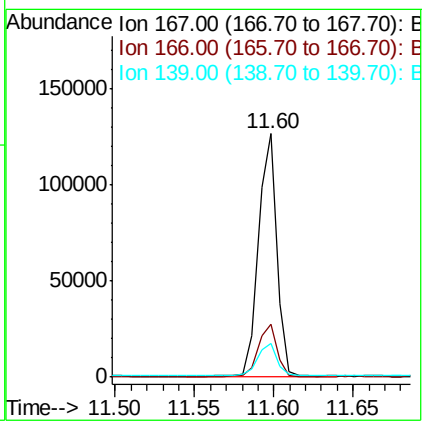


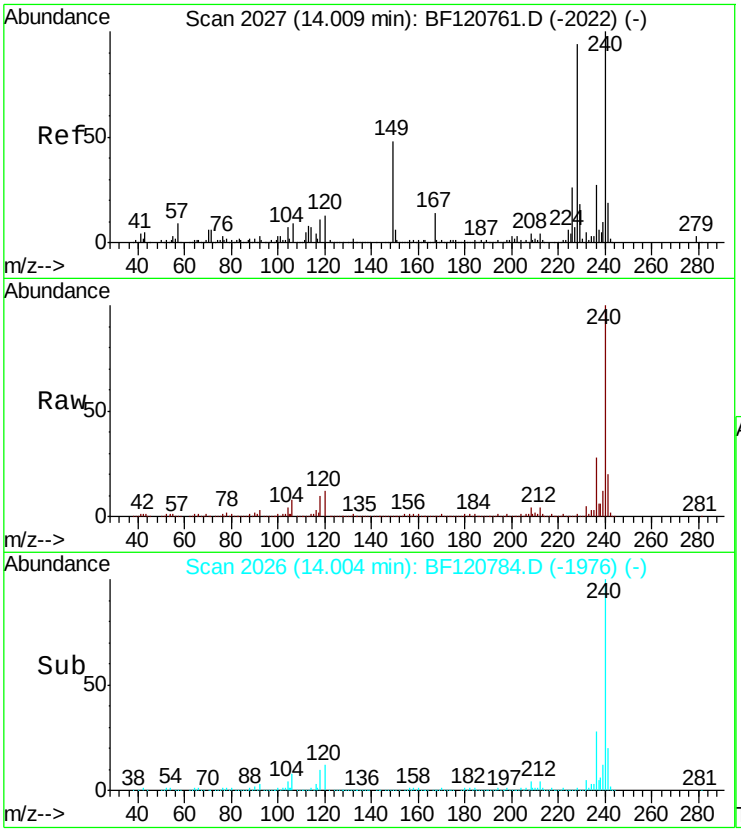


#73
Carbazole
Concen: 3.544 ng
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BF120784.D
Acq: 7 Jul 2020 13:42

Tgt Ion:167 Resp: 102299

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.8	26.8
139	13.6	10.7	16.1



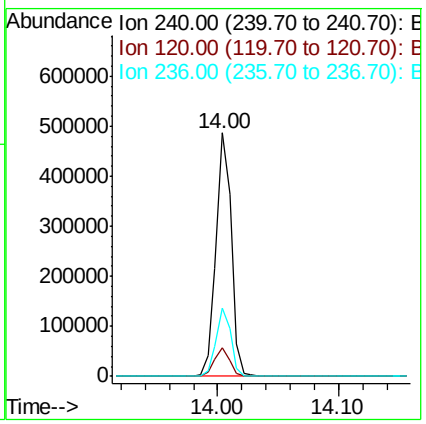


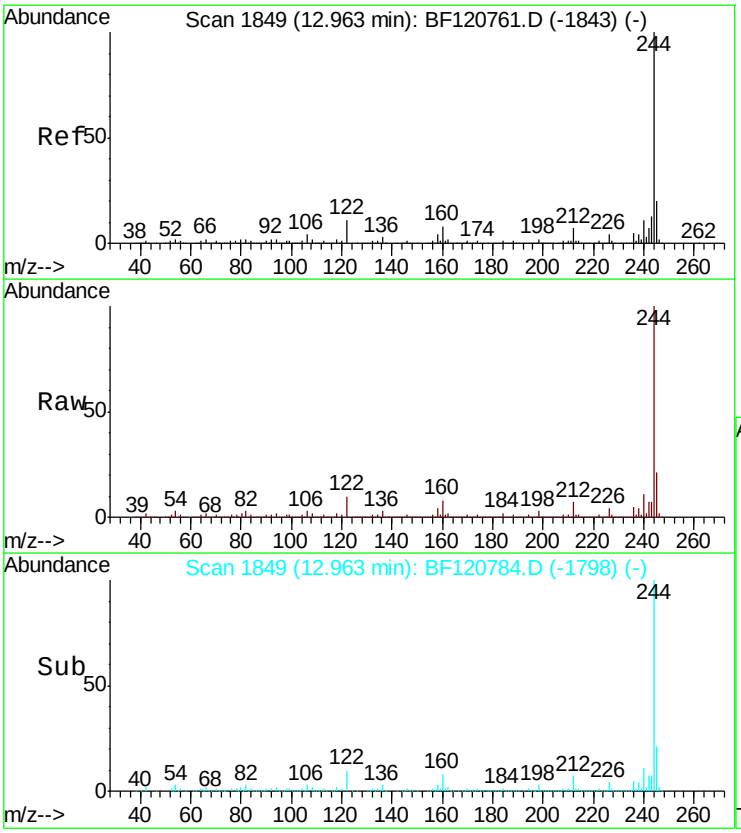
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF120784.D
Acq: 7 Jul 2020 13:42

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion:240 Resp: 420757

Ion	Ratio	Lower	Upper
240	100		
120	12.0	10.3	15.5
236	28.0	21.4	32.2

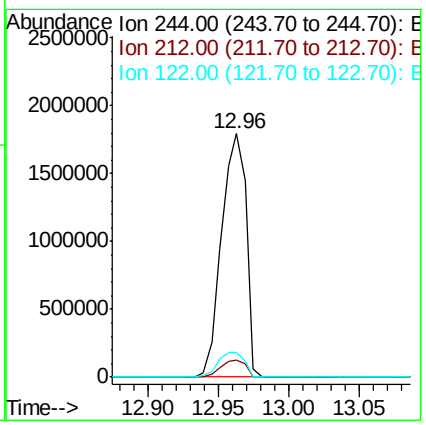


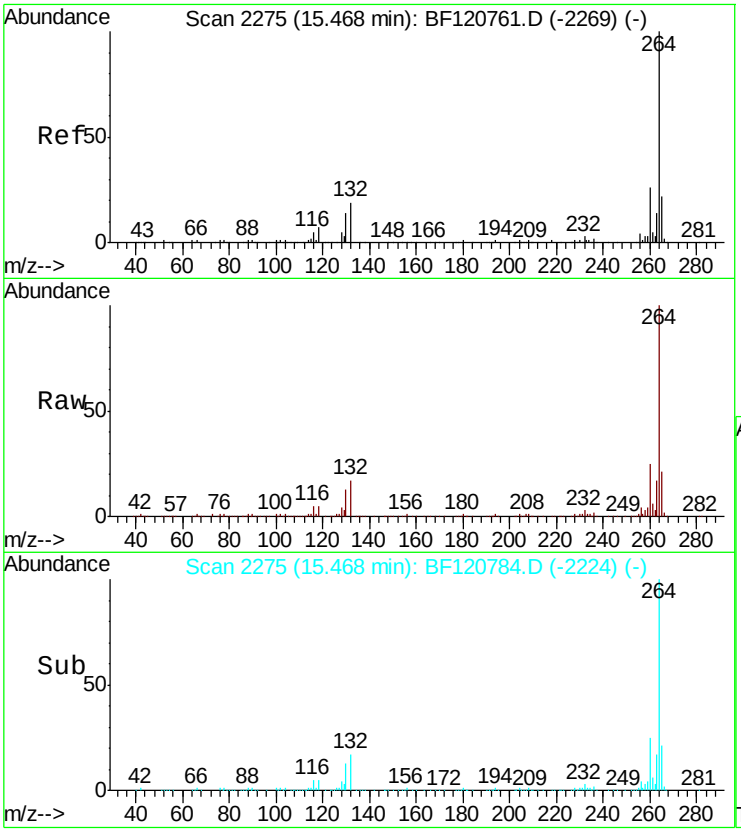


#79
Terphenyl-d14
Concen: 100.383 ng
RT: 12.96 min Scan# 1849
Delta R.T. 0.00 min
Lab File: BF120784.D
Acq: 7 Jul 2020 13:42

Tgt Ion:244 Resp: 2157273

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.6	8.4
122	10.2	9.0	13.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.00 min
Lab File: BF120784.D
Acq: 7 Jul 2020 13:42

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion:264 Resp: 347018

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.6	30.8
265	20.9	17.6	26.4