Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060719\
Data File : BF114907.D
Acq On : 7 Jun 2019 23:12
Operator : HP/JU
Sample : K3214-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-4A

Quant Time: Jun 10 07:43:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 04 16:57:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	335510	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	880760	20.00	ng		0.00
39) Acenaphthene-d10	9.70	164	589233	20.00	ng		0.00
64) Phenanthrene-d10	11.16	188	1139836	20.00	ng		0.00
76) Chrysene-d12	13.78	240	681921	20.00	ng		-0.01
87) Perylene-d12	15.16	264	710941	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	1539946m	80.20	ng		0.03
7) Phenol-d6	6.32	99	1192453	51.04	ng		0.02
23) Nitrobenzene-d5	7.23	82	1826767	127.68	ng		0.00
42) 2,4,6-Tribromophenol	10.48	330	815443	128.42	ng		0.00
45) 2-Fluorobiphenyl	9.03	172	3156693	100.36	ng		0.00
79) Terphenyl-d14	12.75	244	3227841	92.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	21717	2.369	ng		98
20) 3+4-Methylphenols	7.11	107	1232791	58.940	ng	#	30
31) Naphthalene	7.99	128	16882094	425.756	ng	#	93
37) 2-Methylnaphthalene	8.67	142	4850887	176.375	ng	#	94
38) 1-Methylnaphthalene	8.78	142	5821777	223.208	ng	#	99
46) 1,1'-Biphenyl	9.13	154	1194947	27.362	ng		96
52) Acenaphthene	9.73	154	2184275	61.963	ng		99
55) Dibenzofuran	9.90	168	2083593	42.506	ng		99
58) Fluorene	10.24	166	1464143	47.017	ng		100
71) Phenanthrene	11.19	178	1555915	28.594	ng		98
72) Anthracene	11.24	178	327048	5.711	ng		97
73) Carbazole	11.40	167	227598	4.636	ng		96
75) Fluoranthene	12.36	202	166498	2.940	ng		98

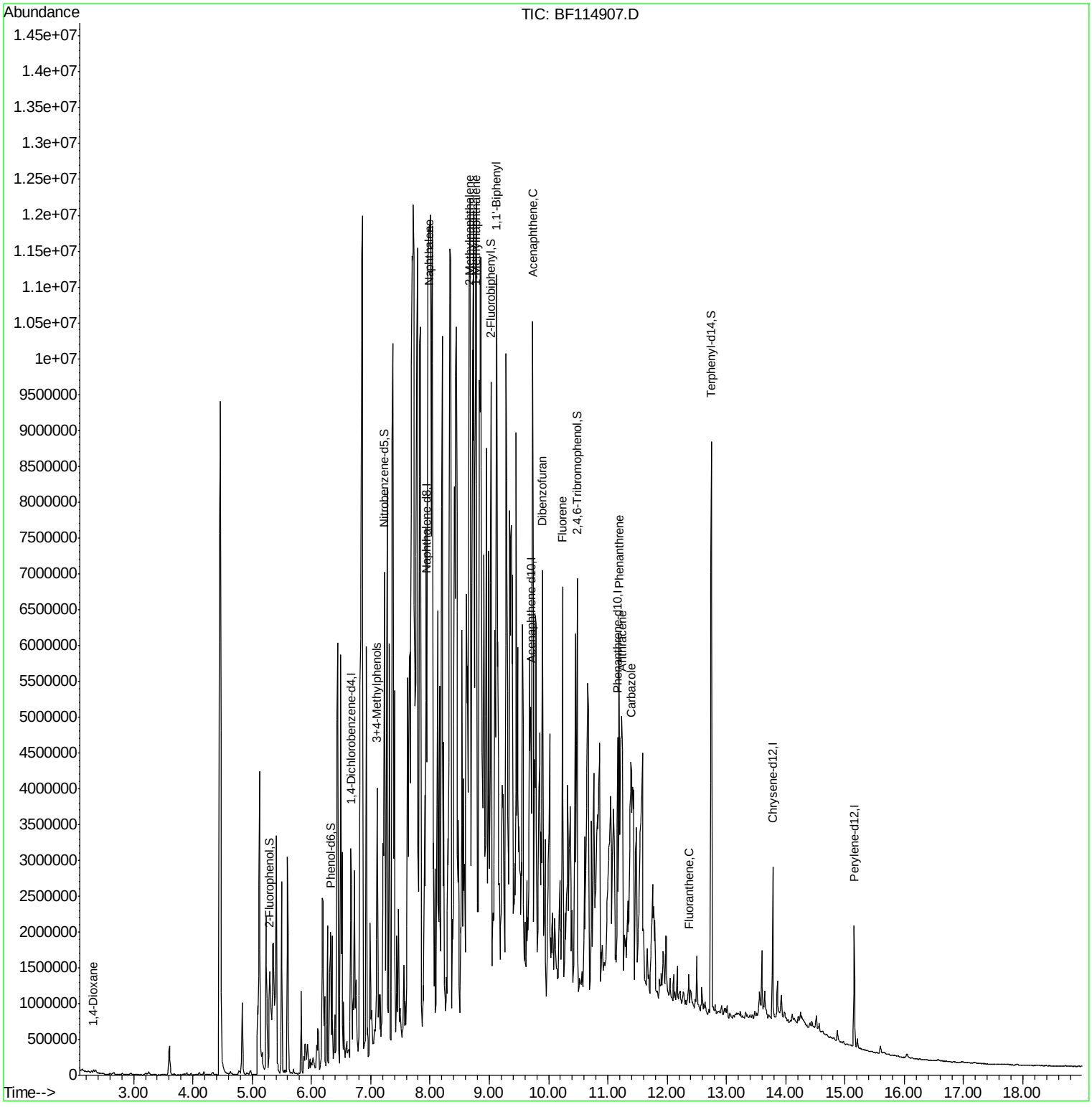
(#) = qualifier out of range (m) = manual integration (+) = signals summed

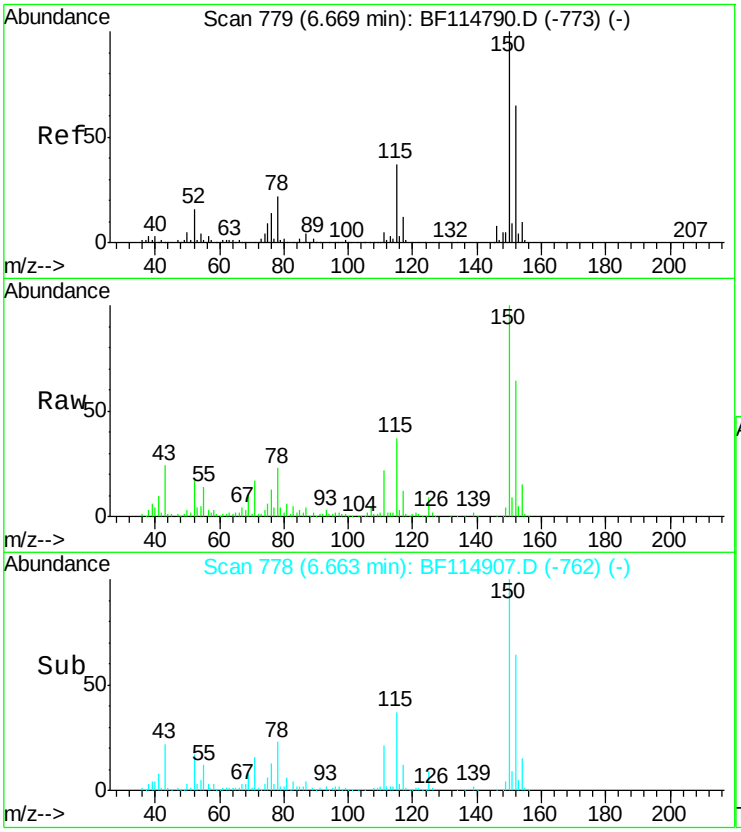
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060719\
Data File : BF114907.D
Acq On : 7 Jun 2019 23:12
Operator : HP/JU
Sample : K3214-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-4A

Quant Time: Jun 10 07:43:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 04 16:57:15 2019
Response via : Initial Calibration



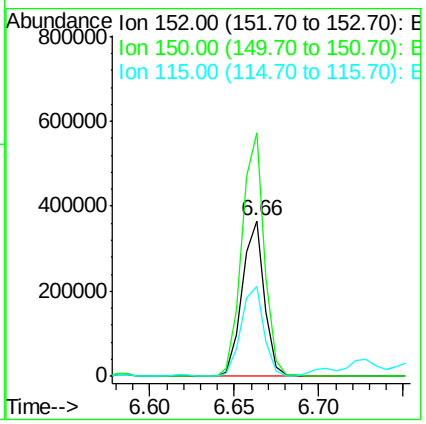


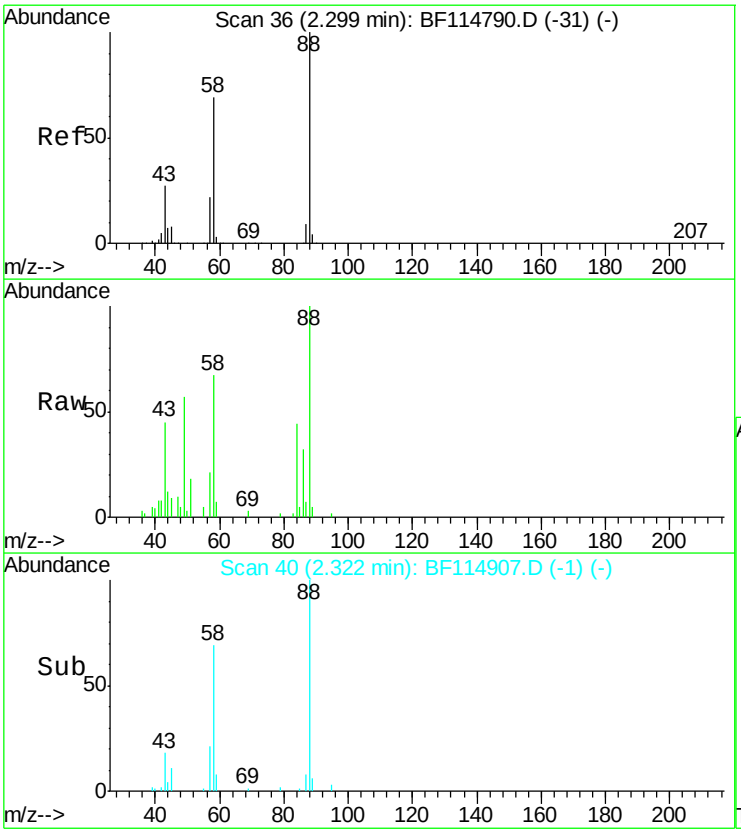
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF114907.D
Acq: 7 Jun 2019 23:12

Instrument :
BNA_F
ClientSampleId :
MW-4A

Tgt Ion:152 Resp: 335510

Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.0	186.0
115	58.1	46.3	69.5

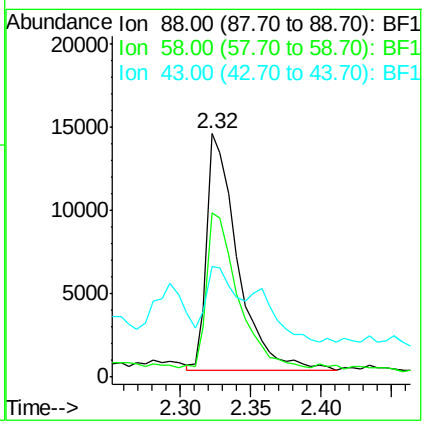


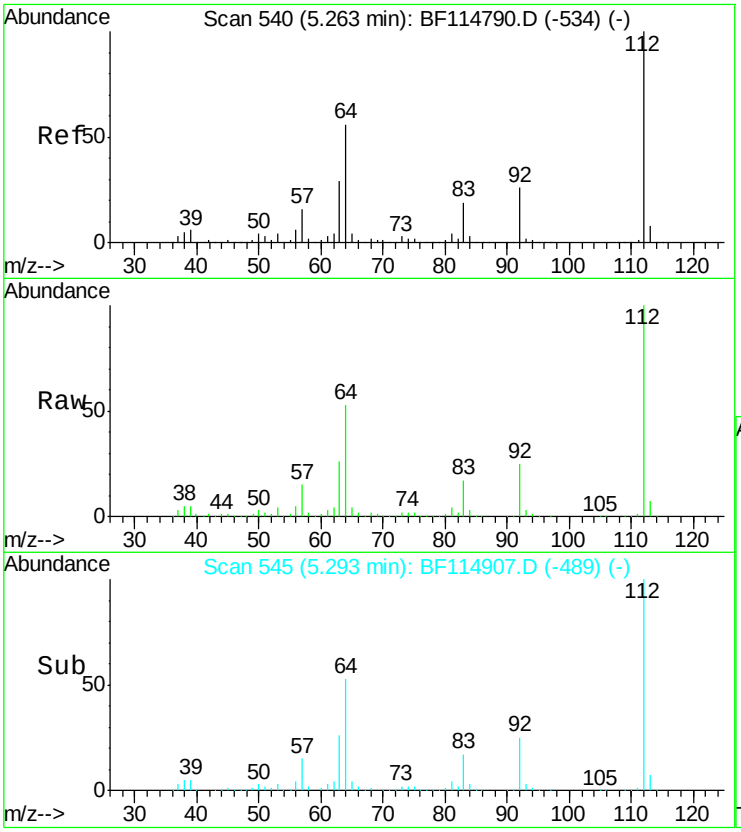


#2
1,4-Dioxane
Concen: 2.369 ng
RT: 2.32 min Scan# 40
Delta R.T. 0.02 min
Lab File: BF114907.D
Acq: 7 Jun 2019 23:12

Tgt Ion: 88 Resp: 21717

Ion	Ratio	Lower	Upper
88	100		
58	67.6	53.8	80.8
43	22.7	20.7	31.1



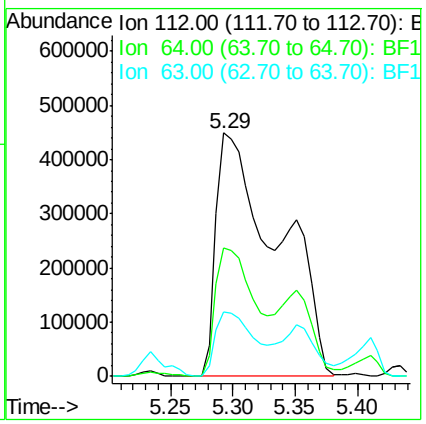


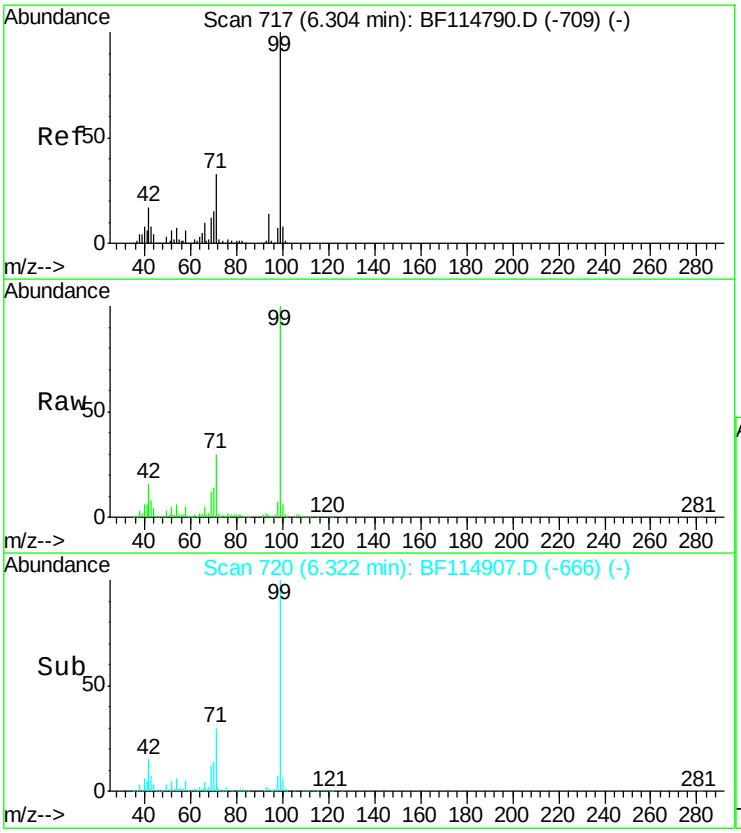
#5
2-Fluorophenol
Concen: 80.201 ng m
RT: 5.29 min Scan# 545
Delta R.T. 0.03 min
Lab File: BF114907.D
Acq: 7 Jun 2019 23:12

Instrument :
BNA_F
ClientSampleId :
MW-4A

Tgt Ion:112 Resp: 1539946

Ion	Ratio	Lower	Upper
112	100		
64	52.6	44.6	66.8
63	26.3	23.0	34.4

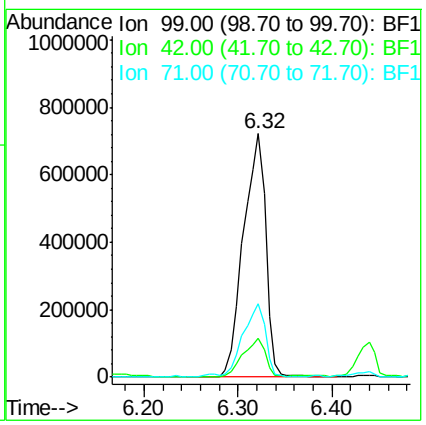


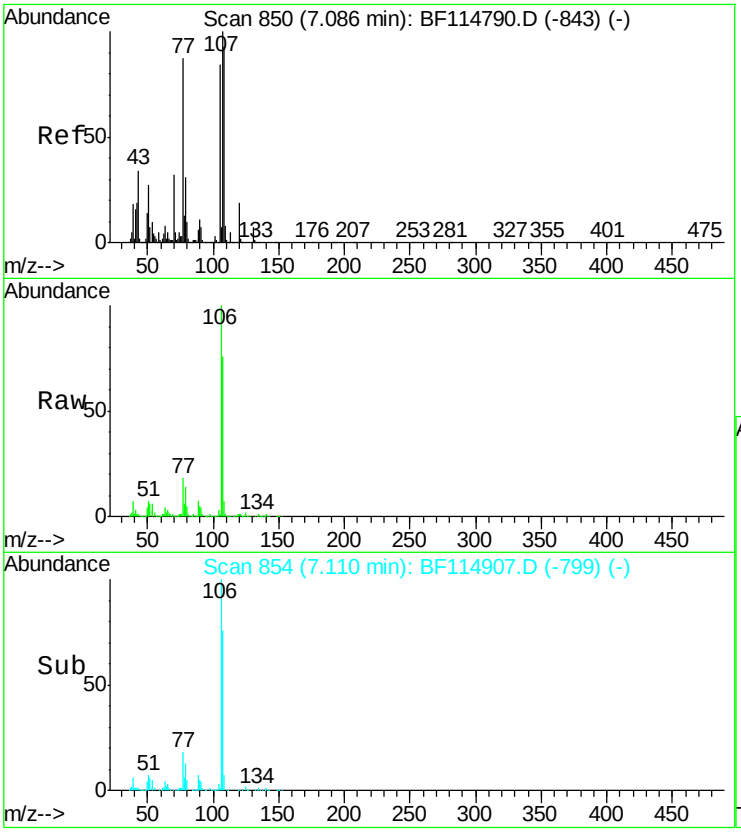


#7
Phenol-d6
Concen: 51.038 ng
RT: 6.32 min Scan# 720
Delta R.T. 0.02 min
Lab File: BF114907.D
Acq: 7 Jun 2019 23:12

Tgt Ion: 99 Resp: 1192453

Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.3	19.9
71	30.3	26.3	39.5



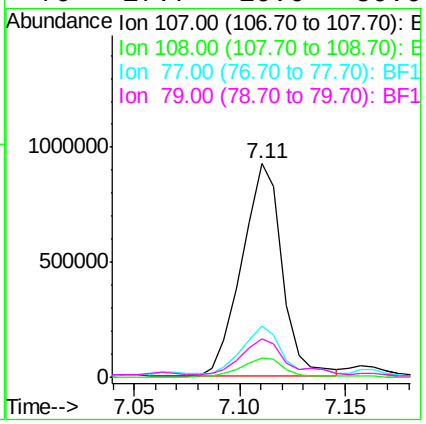


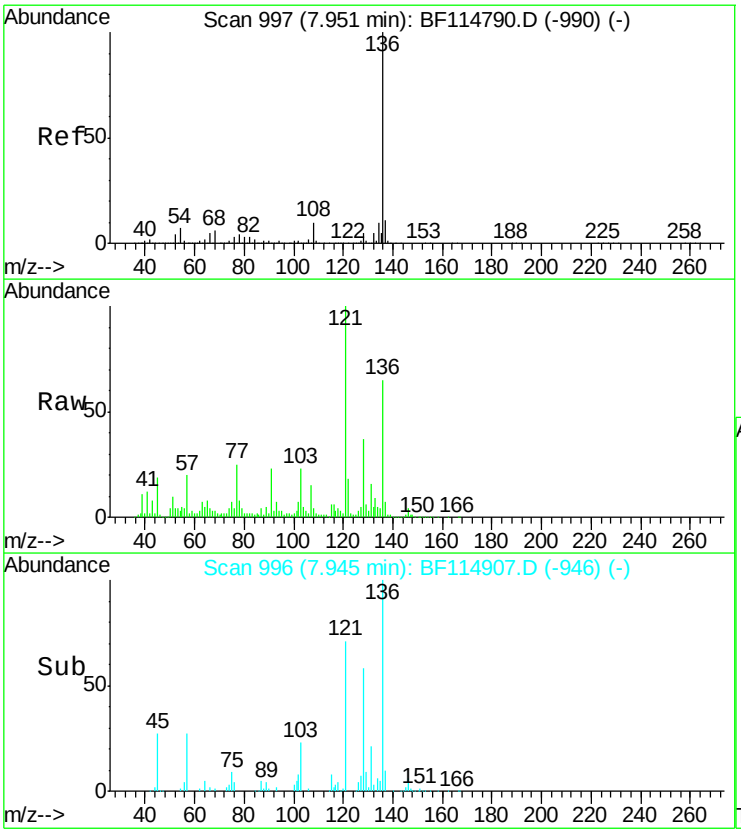
#20
3+4-Methylphenols
Concen: 58.940 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.02 min
Lab File: BF114907.D
Acq: 7 Jun 2019 23:12

Instrument :
BNA_F
ClientSampleId :
MW-4A

Tgt Ion:107 Resp: 1232791

Ion	Ratio	Lower	Upper
107	100		
108	9.3	73.5	113.5#
77	23.9	67.2	107.2#
79	17.7	10.6	50.6

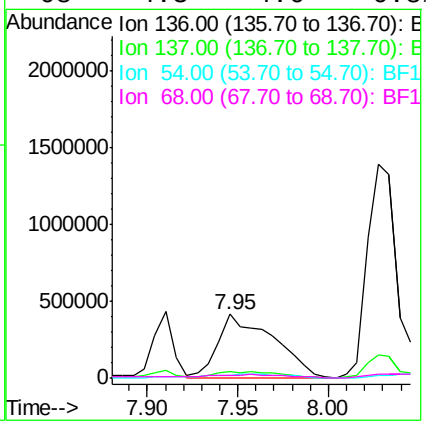


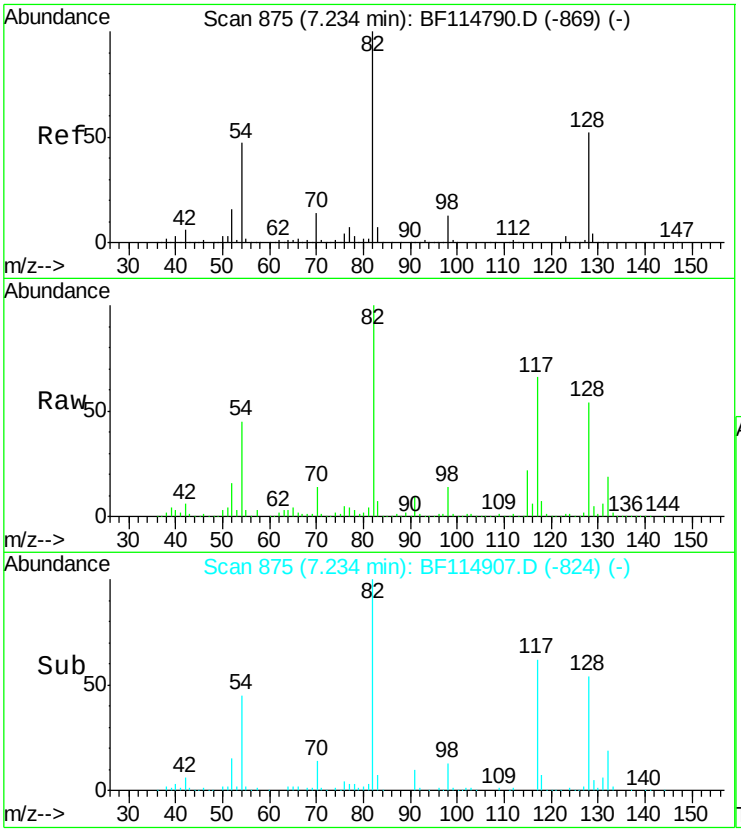


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF114907.D
Acq: 7 Jun 2019 23:12

Tgt Ion:136 Resp: 880760

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	4.6	5.4	8.0#
68	4.3	4.6	6.8#



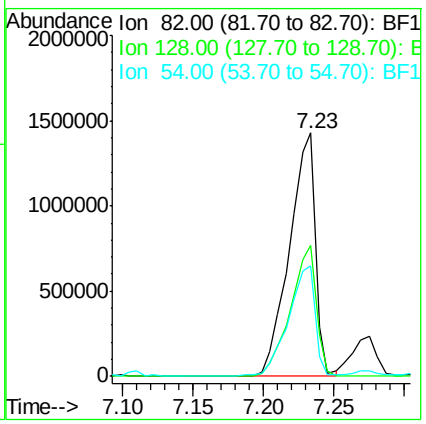


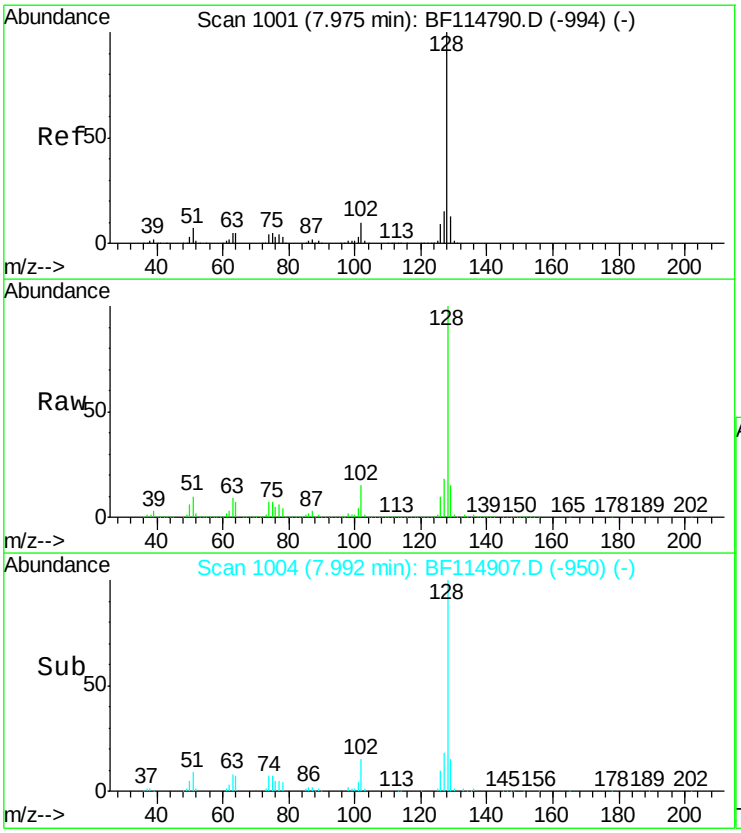
#23
Nitrobenzene-d5
Concen: 127.677 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF114907.D
Acq: 7 Jun 2019 23:12

Instrument :
BNA_F
ClientSampleId :
MW-4A

Tgt Ion: 82 Resp: 1826767

Ion	Ratio	Lower	Upper
82	100		
128	53.8	41.8	62.6
54	45.3	37.9	56.9

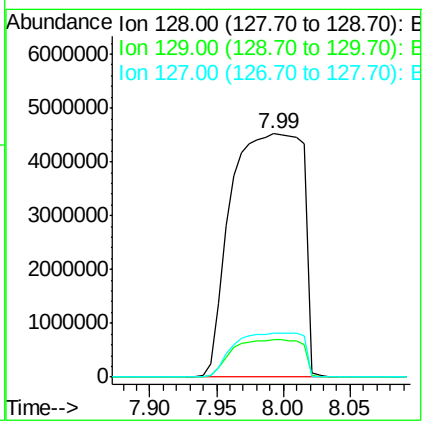


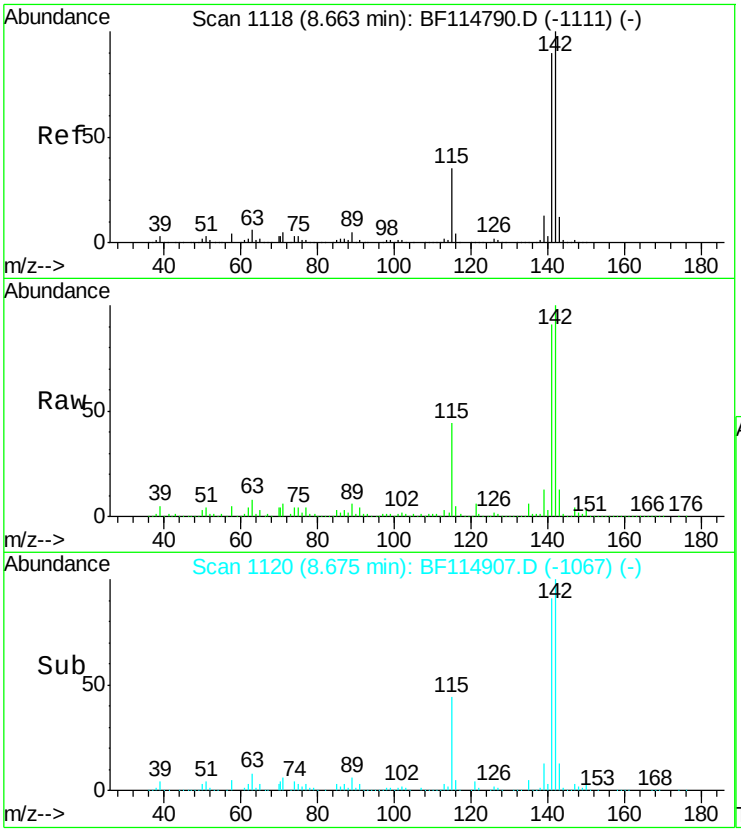


#31
Naphthalene
Concen: 425.756 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.02 min
Lab File: BF114907.D
Acq: 7 Jun 2019 23:12

Tgt Ion:128 Resp:16882094

Ion	Ratio	Lower	Upper
128	100		
129	15.3	10.0	15.0#
127	18.1	12.2	18.2



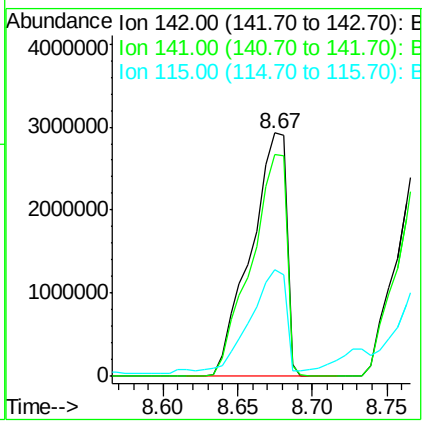


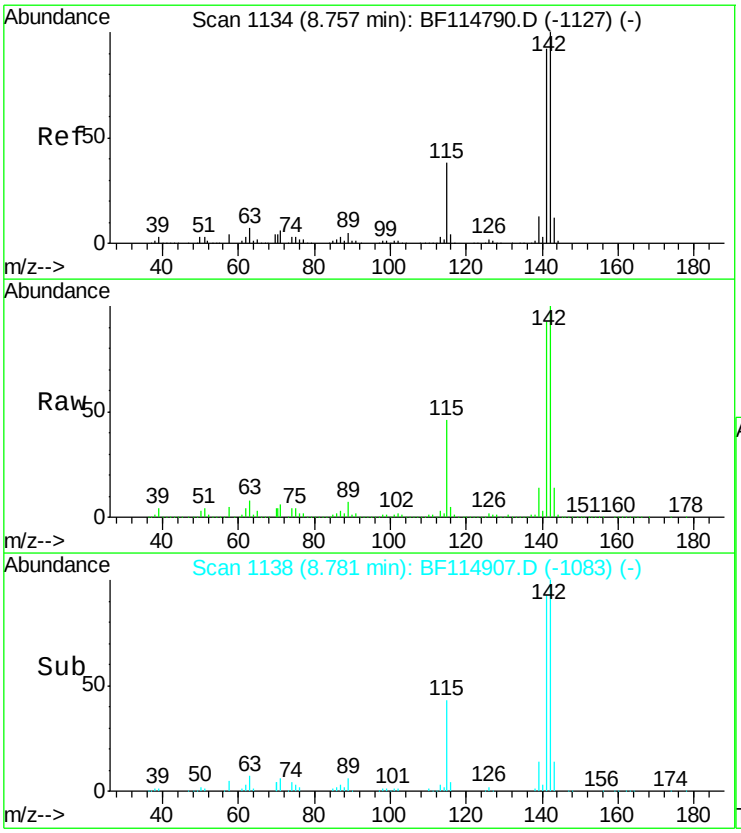
#37
2-Methylnaphthalene
Concen: 176.375 ng
RT: 8.67 min Scan# 1120
Delta R.T. 0.01 min
Lab File: BF114907.D
Acq: 7 Jun 2019 23:12

Instrument :
BNA_F
ClientSampleId :
MW-4A

Tgt Ion:142 Resp: 4850887

Ion	Ratio	Lower	Upper
142	100		
141	91.4	71.6	107.4
115	44.0	28.2	42.4#

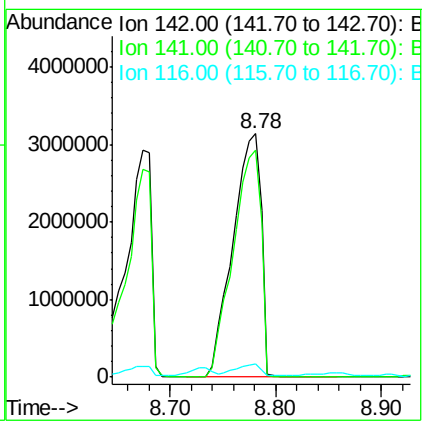


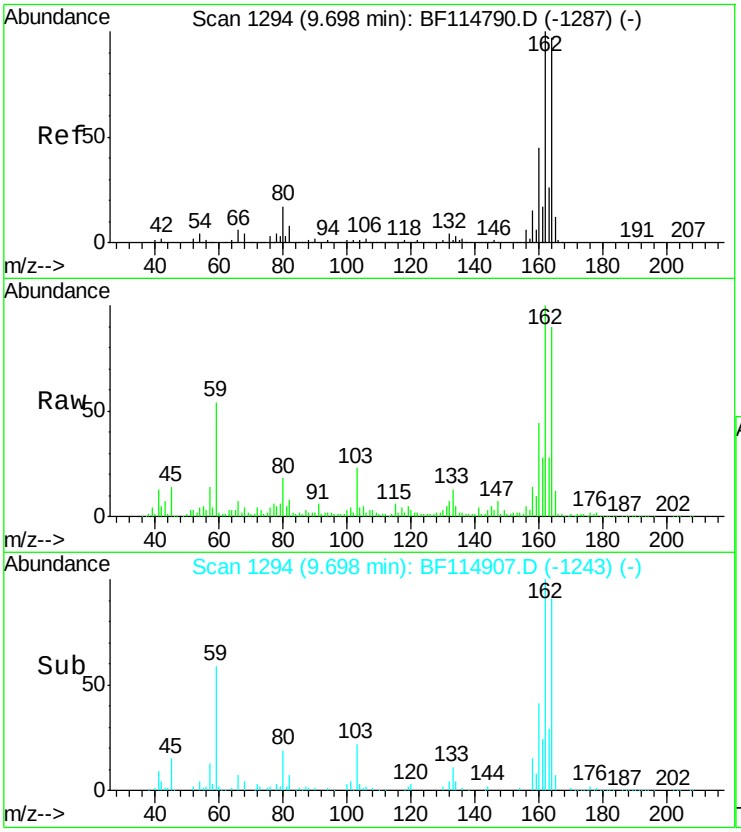


#38
1-Methylnaphthalene
Concen: 223.208 ng
RT: 8.78 min Scan# 1138
Delta R.T. 0.02 min
Lab File: BF114907.D
Acq: 7 Jun 2019 23:12

Tgt Ion:142 Resp: 5821777

Ion	Ratio	Lower	Upper
142	100		
141	93.0	73.8	110.6
116	5.2	3.3	4.9#



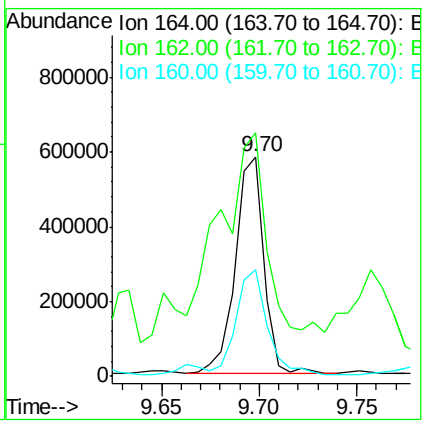


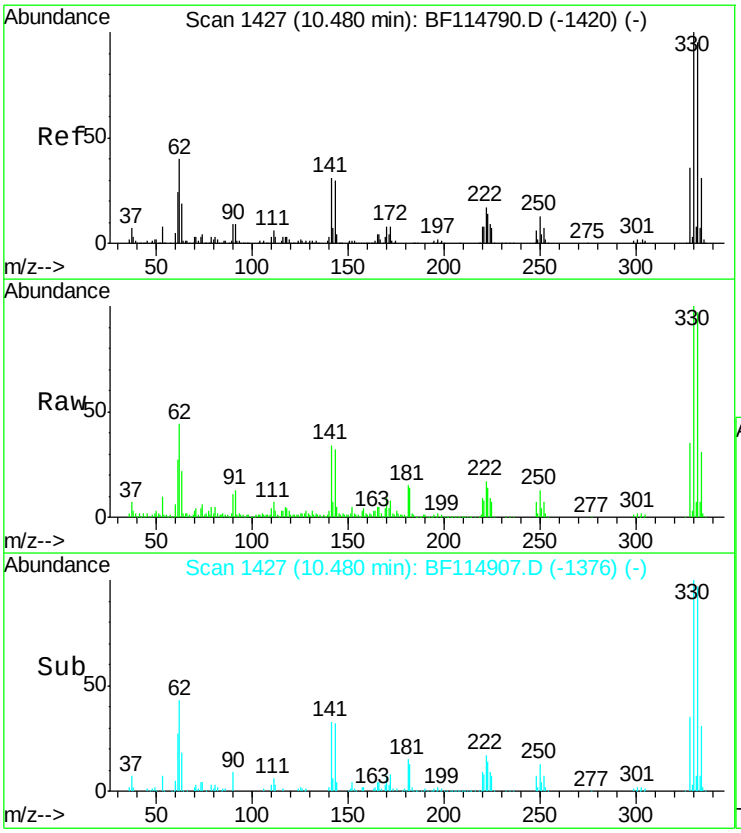
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BF114907.D
Acq: 7 Jun 2019 23:12

Instrument :
BNA_F
ClientSampleId :
MW-4A

Tgt Ion:164 Resp: 589233

Ion	Ratio	Lower	Upper
164	100		
162	110.9	82.3	123.5
160	48.7	36.7	55.1

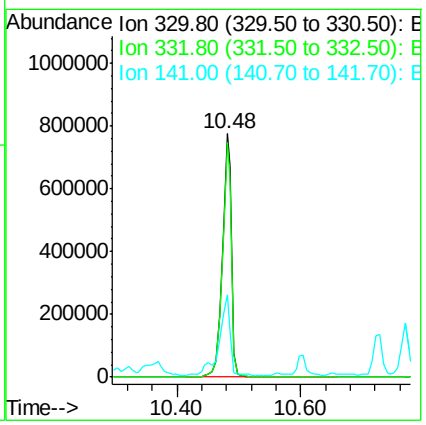


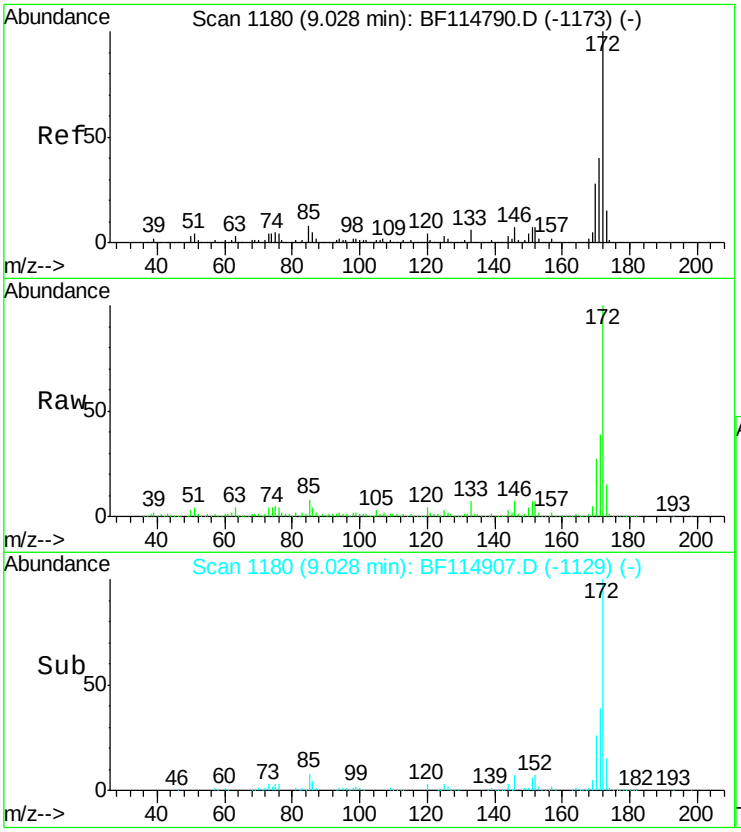


#42
2,4,6-Tribromophenol
Concen: 128.418 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BF114907.D
Acq: 7 Jun 2019 23:12

Tgt Ion:330 Resp: 815443

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.3	115.9
141	38.7	26.2	39.4



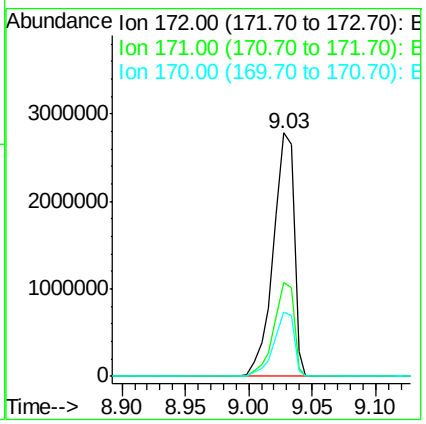


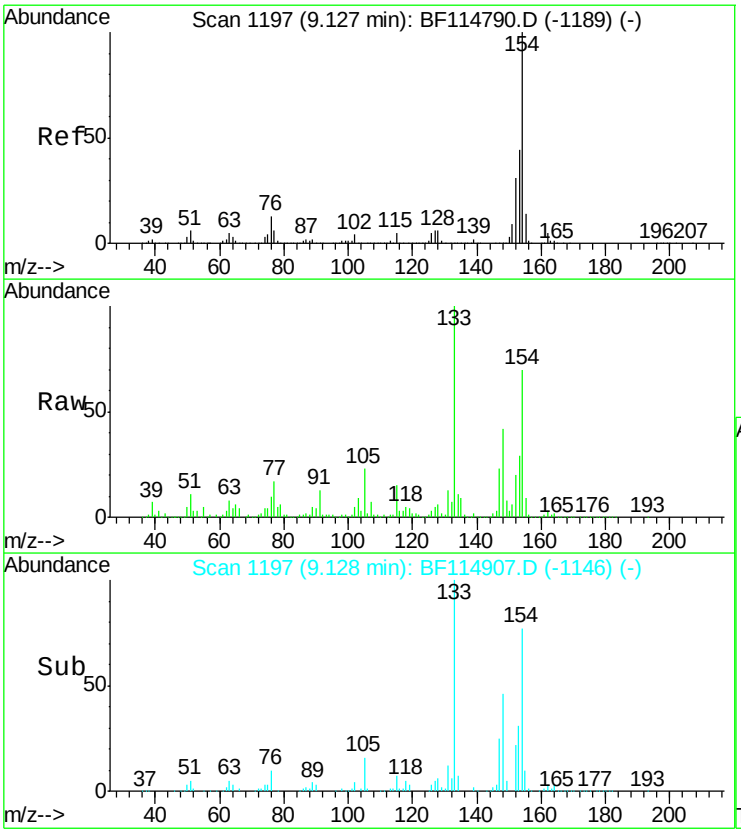
#45
2-Fluorobiphenyl
Concen: 100.357 ng
RT: 9.03 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BF114907.D
Acq: 7 Jun 2019 23:12

Instrument :
BNA_F
ClientSampleId :
MW-4A

Tgt Ion:172 Resp: 3156693

Ion	Ratio	Lower	Upper
172	100		
171	38.7	32.3	48.5
170	26.5	22.4	33.6

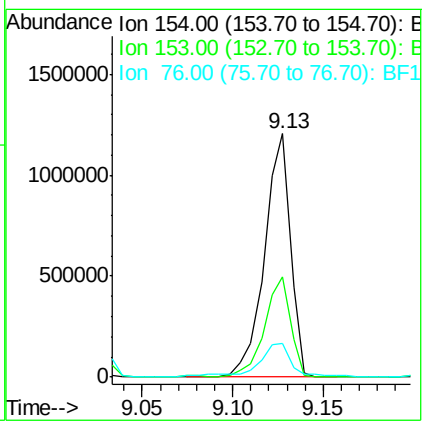


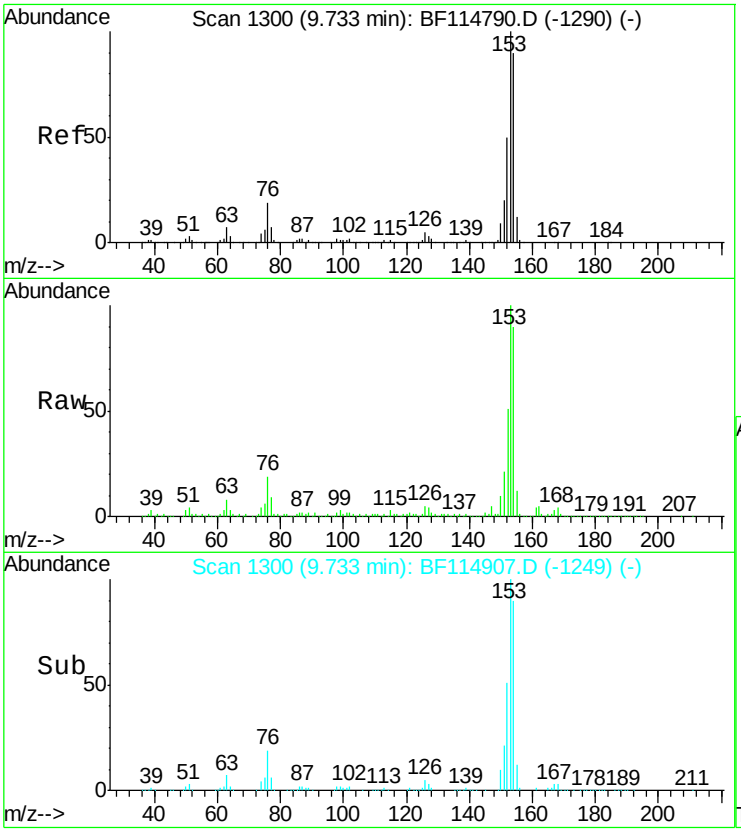


#46
1,1'-Biphenyl
Concen: 27.362 ng
RT: 9.13 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BF114907.D
Acq: 7 Jun 2019 23:12

Tgt Ion:154 Resp: 1194947

Ion	Ratio	Lower	Upper
154	100		
153	40.9	23.9	63.9
76	14.1	0.0	33.2



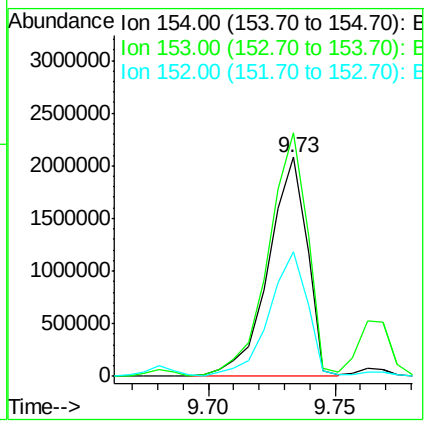


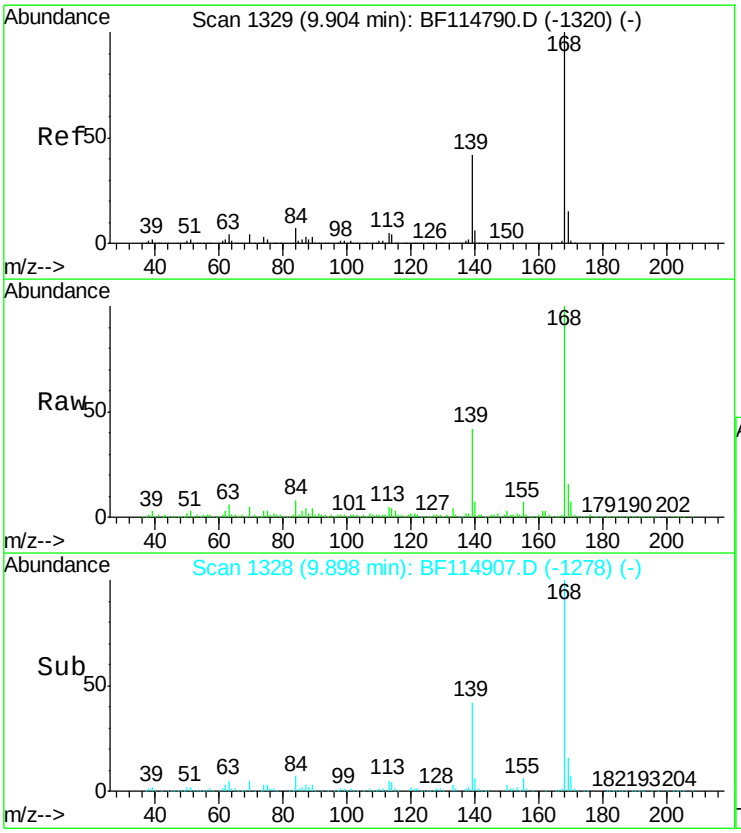
#52
Acenaphthene
Concen: 61.963 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BF114907.D
Acq: 7 Jun 2019 23:12

Instrument :
BNA_F
ClientSampleId :
MW-4A

Tgt Ion:154 Resp: 2184275

Ion	Ratio	Lower	Upper
154	100		
153	111.3	88.5	132.7
152	56.8	44.1	66.1

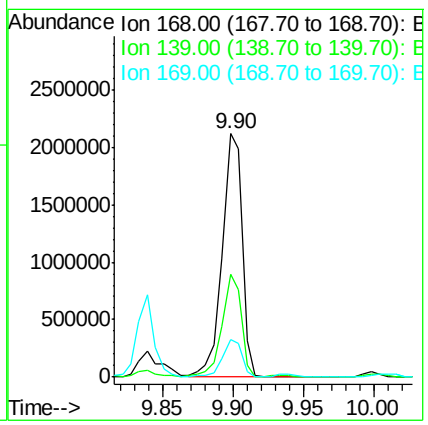


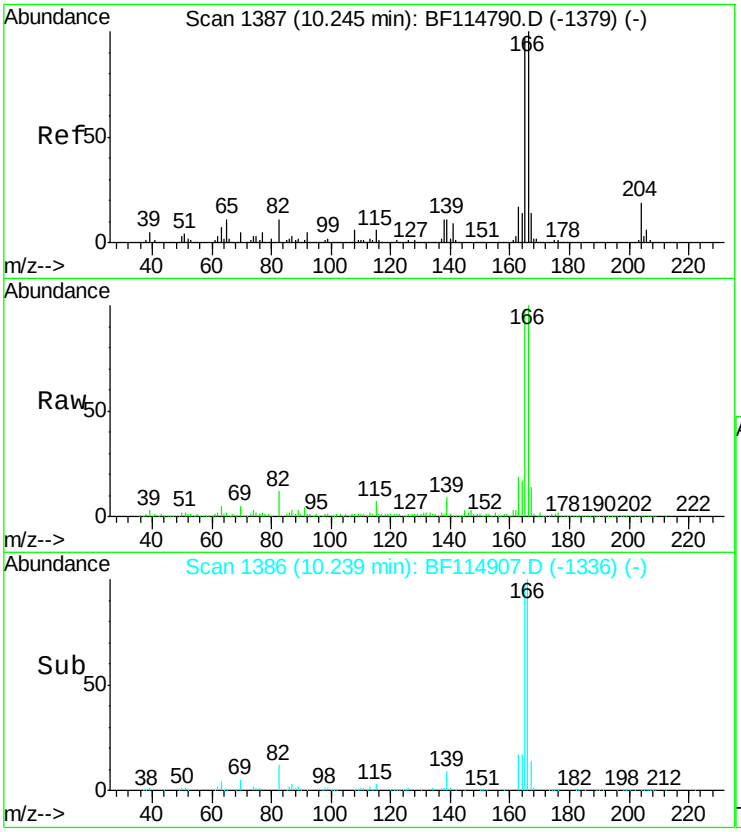


#55
Dibenzofuran
Concen: 42.506 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF114907.D
Acq: 7 Jun 2019 23:12

Tgt Ion:168 Resp: 2083593

Ion	Ratio	Lower	Upper
168	100		
139	42.0	33.8	50.6
169	15.6	11.9	17.9



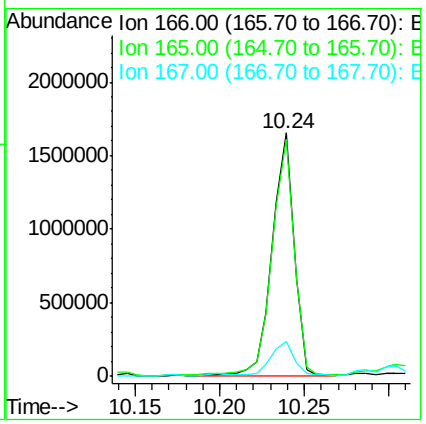


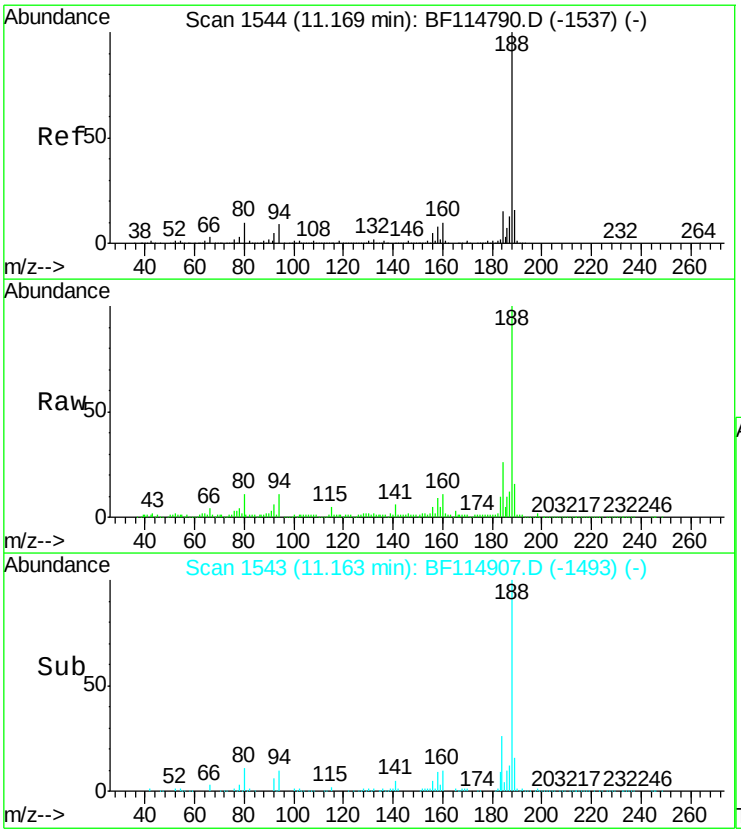
#58
Fluorene
Concen: 47.017 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BF114907.D
Acq: 7 Jun 2019 23:12

Instrument :
BNA_F
ClientSampleId :
MW-4A

Tgt Ion:166 Resp: 1464143

Ion	Ratio	Lower	Upper
166	100		
165	97.6	77.9	116.9
167	14.4	11.3	16.9

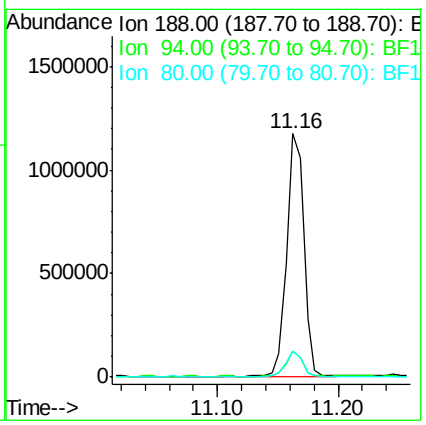


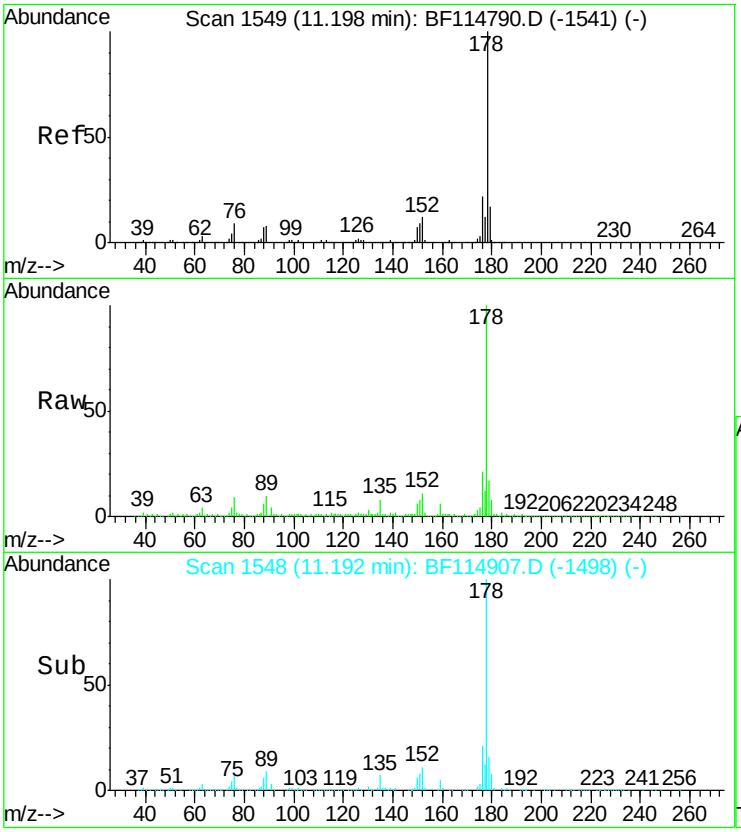


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BF114907.D
Acq: 7 Jun 2019 23:12

Tgt Ion:188 Resp: 1139836

Ion	Ratio	Lower	Upper
188	100		
94	10.7	7.6	11.4
80	10.8	8.3	12.5



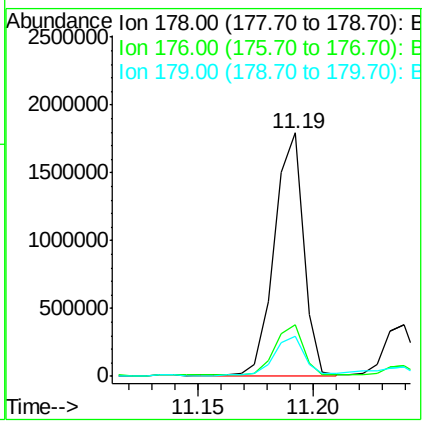


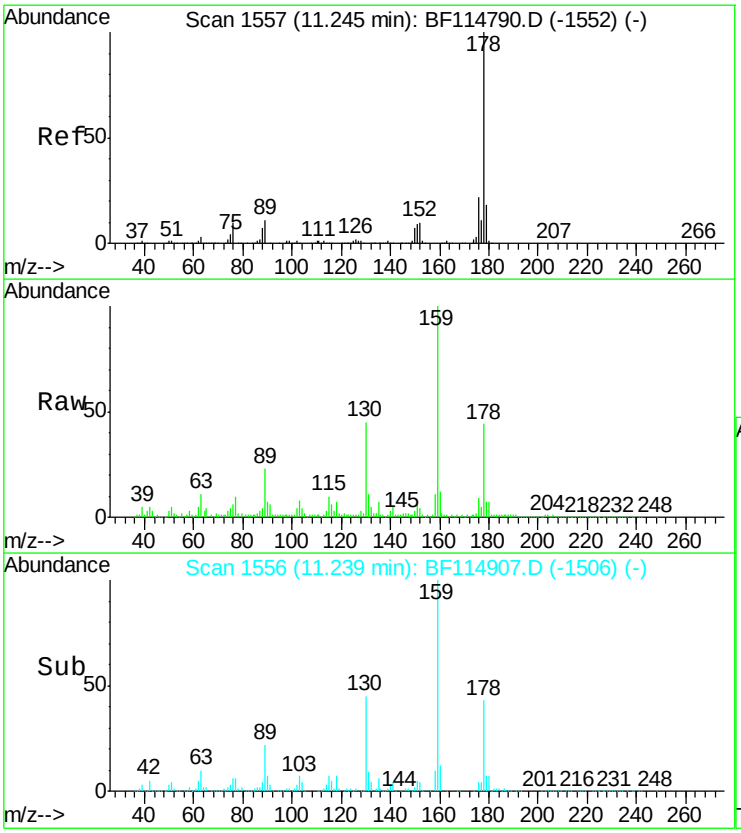
#71
Phenanthrene
Concen: 28.594 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF114907.D
Acq: 7 Jun 2019 23:12

Instrument :
BNA_F
ClientSampleId :
MW-4A

Tgt Ion:178 Resp: 1555915

Ion	Ratio	Lower	Upper
178	100		
176	21.0	17.7	26.5
179	16.7	13.7	20.5

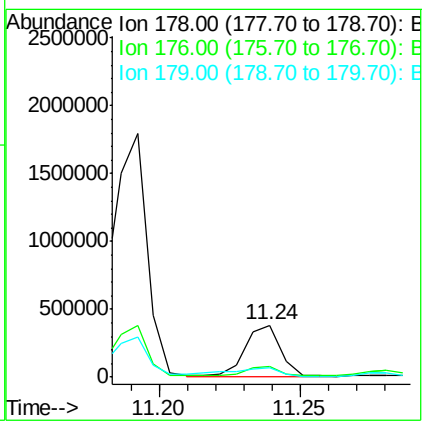


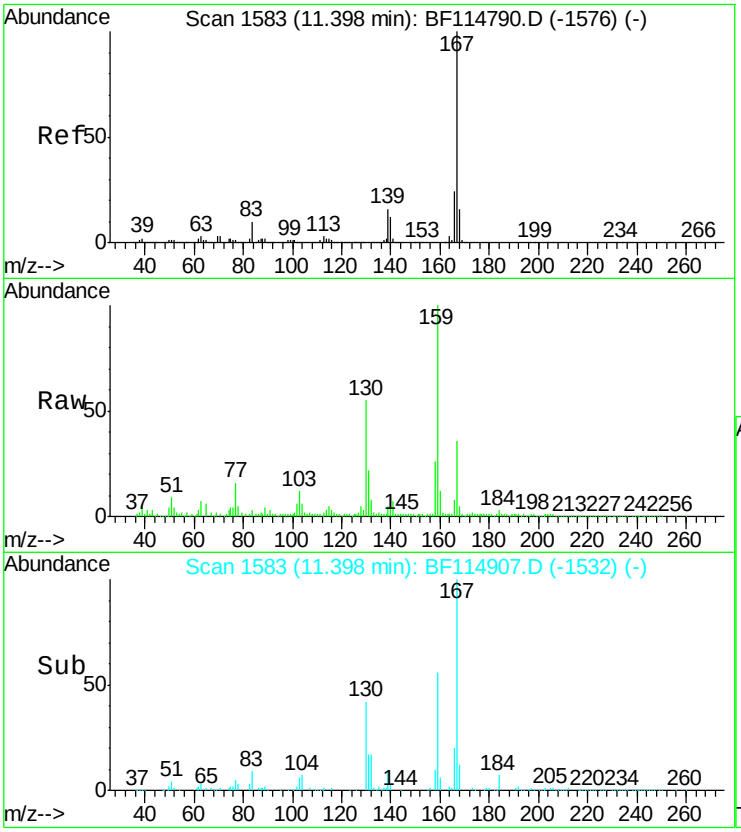


#72
Anthracene
Concen: 5.711 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF114907.D
Acq: 7 Jun 2019 23:12

Tgt Ion:178 Resp: 327048

Ion	Ratio	Lower	Upper
178	100		
176	19.9	17.4	26.0
179	17.0	14.2	21.4



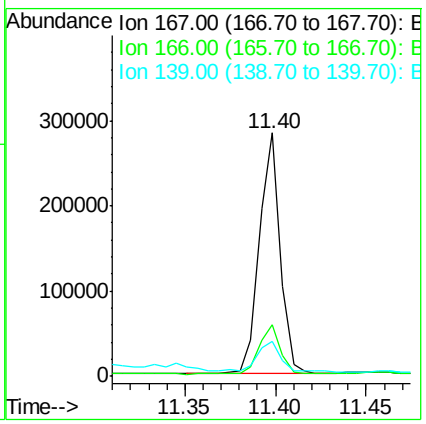


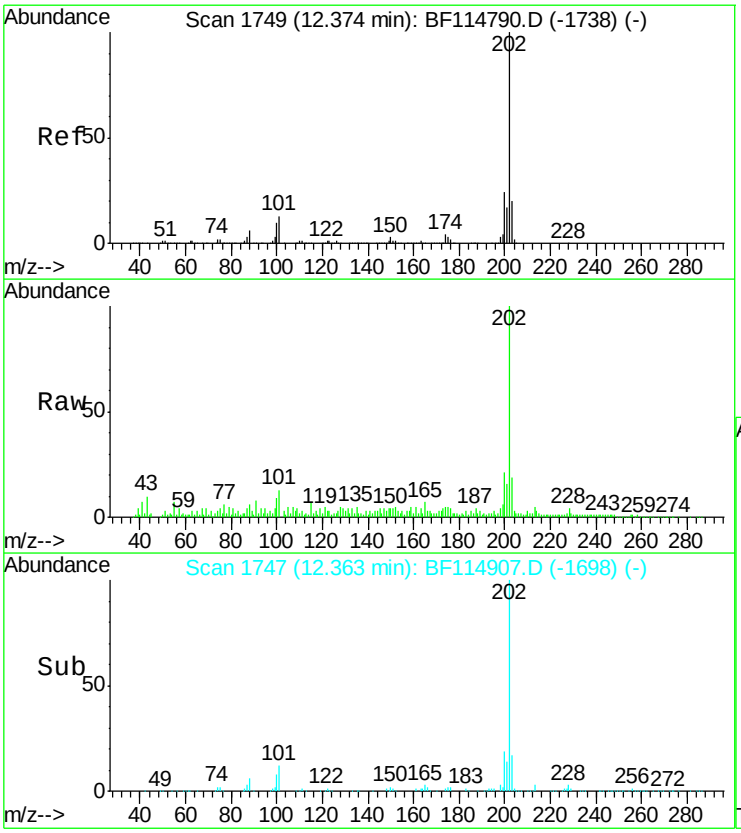
#73
Carbazole
Concen: 4.636 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF114907.D
Acq: 7 Jun 2019 23:12

Instrument :
BNA_F
ClientSampleId :
MW-4A

Tgt Ion:167 Resp: 227598

Ion	Ratio	Lower	Upper
167	100		
166	21.2	19.1	28.7
139	14.3	12.4	18.6

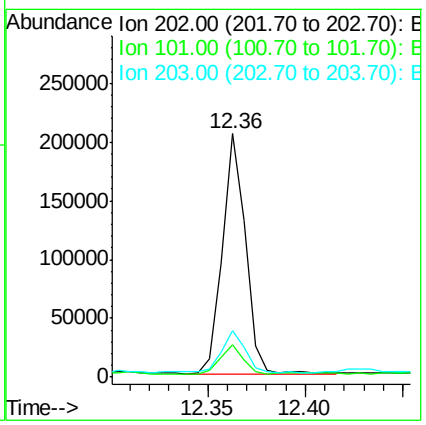


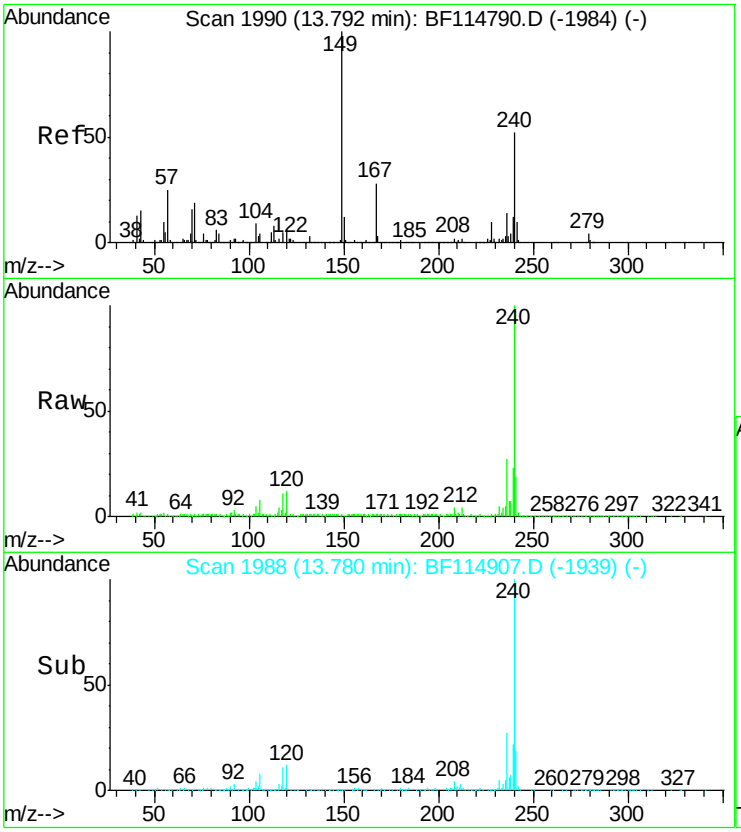


#75
Fluoranthene
Concen: 2.940 ng
RT: 12.36 min Scan# 1747
Delta R.T. -0.01 min
Lab File: BF114907.D
Acq: 7 Jun 2019 23:12

Tgt Ion:202 Resp: 166498

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	32.8
203	18.9	0.2	40.2



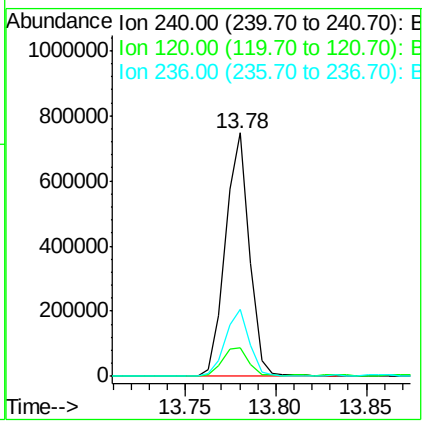


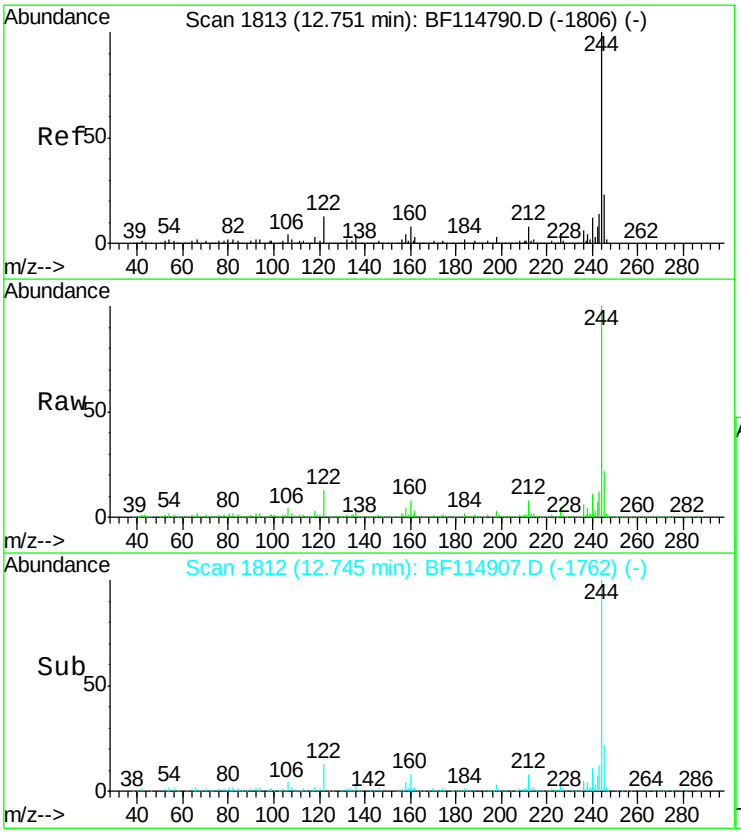
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.78 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BF114907.D
Acq: 7 Jun 2019 23:12

Instrument :
BNA_F
ClientSampleId :
MW-4A

Tgt Ion:240 Resp: 681921

Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.0	13.4
236	27.3	21.4	32.0

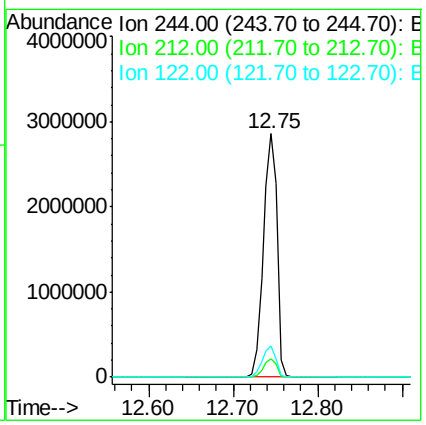


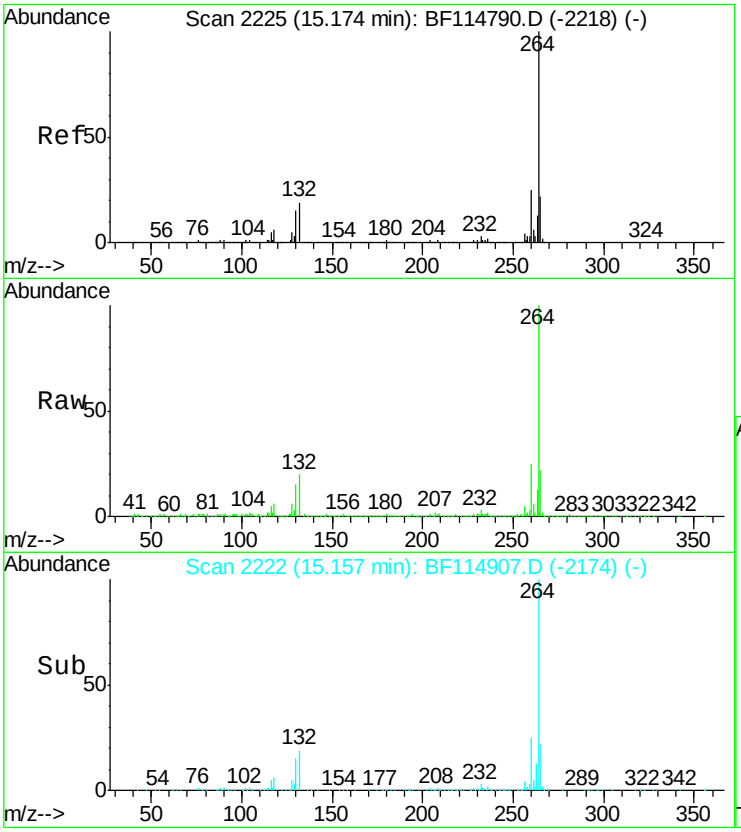


#79
Terphenyl-d14
Concen: 92.054 ng
RT: 12.75 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF114907.D
Acq: 7 Jun 2019 23:12

Tgt Ion:244 Resp: 3227841

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.5	9.7
122	12.9	10.5	15.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.16 min Scan# 2222
Delta R.T. -0.02 min
Lab File: BF114907.D
Acq: 7 Jun 2019 23:12

Instrument :
BNA_F
ClientSampleId :
MW-4A

Tgt Ion:264 Resp: 710941

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.1	30.1
265	22.1	17.7	26.5