Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114757.D
Acq On : 1 Jun 2019 15:19
Operator : HP/JU
Sample : K3097-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
0430-HR-10(HACKENSACK)

Manual Integrations APPROVED
mohammad
6/3/2019 8:51:21 AM

Quant Time: Jun 03 03:49:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 19:08:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	371993	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1351192	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	661913	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	1168446	20.00	ng	0.00
76) Chrysene-d12	13.83	240	597035	20.00	ng	0.01
87) Perylene-d12	15.22	264	971003	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	2553657	120.53	ng	0.02
7) Phenol-d6	6.33	99	3107735	121.72	ng	0.00
23) Nitrobenzene-d5	7.26	82	1920014	88.65	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	741833	117.62	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	3112448	89.10	ng	0.00
79) Terphenyl-d14	12.78	244	2743159	86.39	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.35	94	122583	3.974	ng	85
38) 1-Methylnaphthalene	8.78	142	175881	4.489	ng	97
49) Acenaphthylene	9.58	152	471851	7.578	ng	96
50) Dimethylphthalate	9.44	163	475885	10.318	ng	98
52) Acenaphthene	9.76	154	2024487	53.016	ng	98
55) Dibenzofuran	9.93	168	2039612	37.523	ng	97
58) Fluorene	10.27	166	2422496	82.443	ng	99
71) Phenanthrene	11.24	178	7341827	123.176	ng	92
72) Anthracene	11.28	178	3329134	55.186	ng	97
75) Fluoranthene	12.43	202	8883238	143.931	ng	93
78) Pyrene	12.65	202	7430306m	147.122	ng	
81) Benzo(a)anthracene	13.82	228	5017508	109.362	ng	94
83) Chrysene	13.86	228	4037517	92.108	ng	96
86) Indeno(1,2,3-cd)pyrene	16.54	276	2041912	46.510	ng	94
88) Benzo(b)fluoranthene	14.84	252	5719117m	93.515	ng	
89) Benzo(k)fluoranthene	14.86	252	1551079m	29.179	ng	
90) Benzo(a)pyrene	15.17	252	3820809	71.116	ng	94
91) Dibenzo(a,h)anthracene	16.55	278	689942	14.533	ng	97
92) Benzo(g,h,i)perylene	16.94	276	1676971	36.394	ng	99

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

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Instrument :
BNA_F
ClientSampleId :
0430-HR-10(HACKENSACK)

Manual Integrations APPROVED
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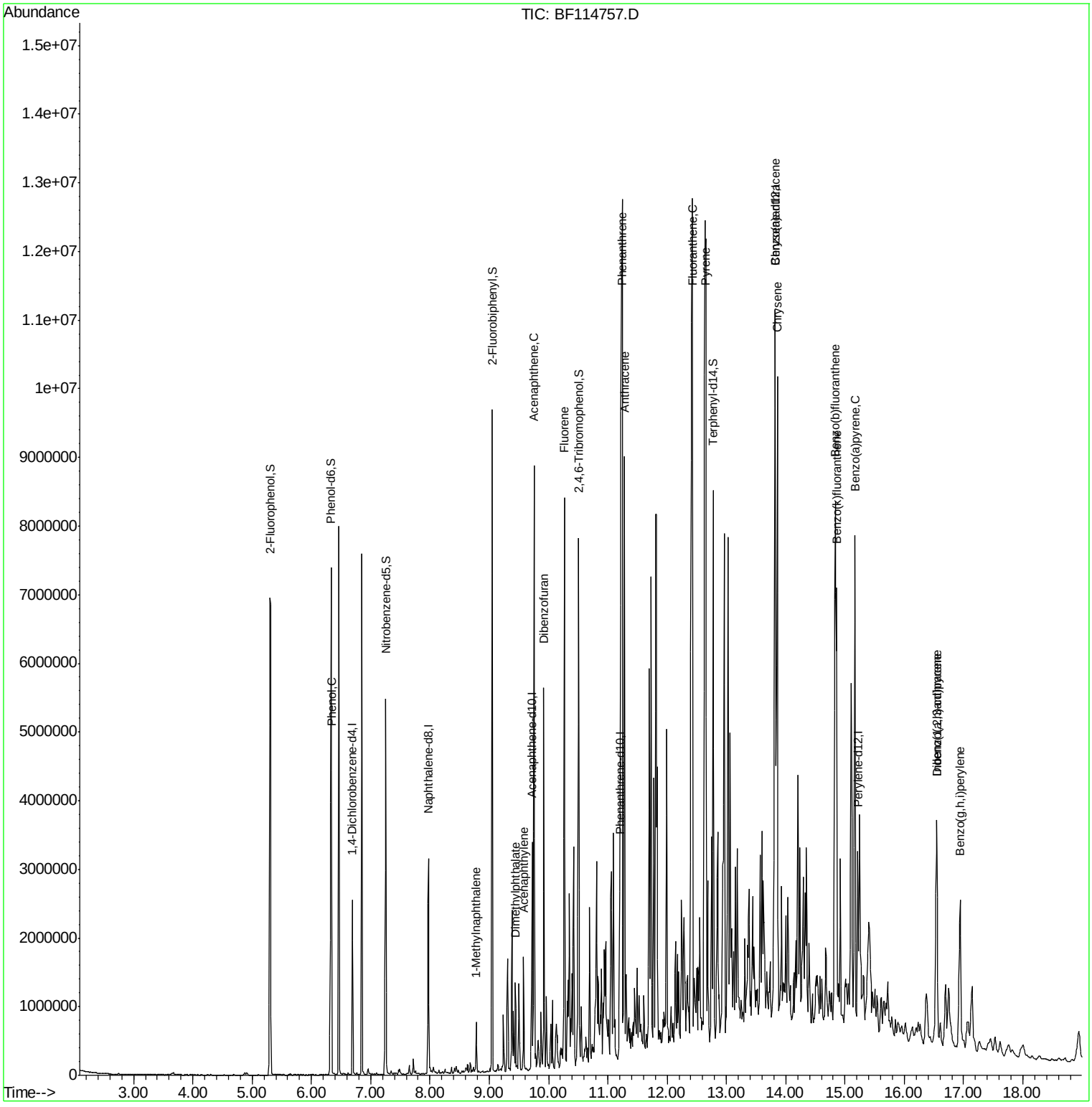
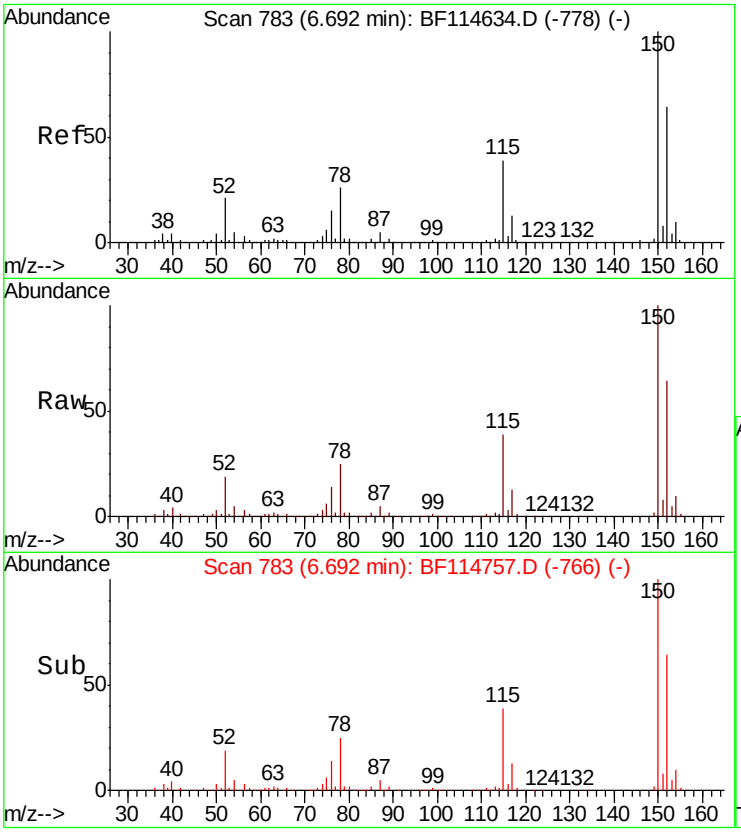
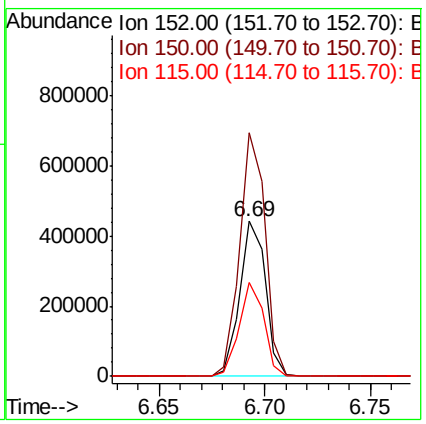




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF114757.D
Acq: 1 Jun 2019 15:19

Tgt Ion:152 Resp: 371993

Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.4	186.6
115	60.9	48.7	73.1



Instrument :
BNA_F
ClientSampleId :
0430-HR-10(HACKENSACK)

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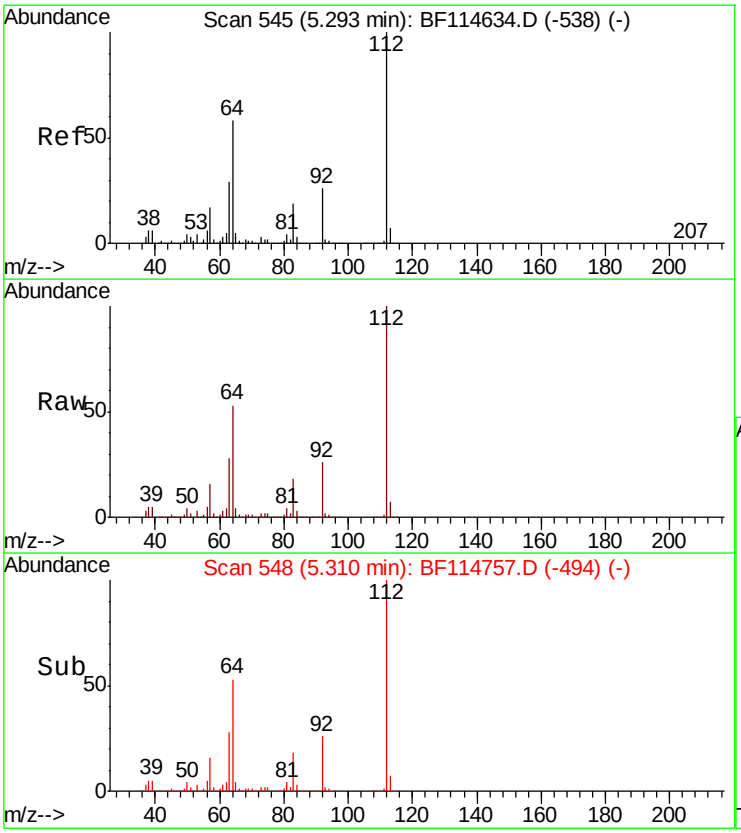
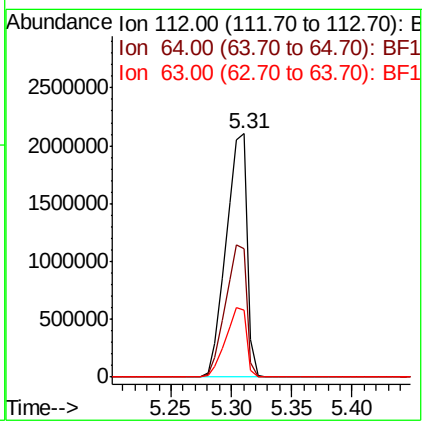
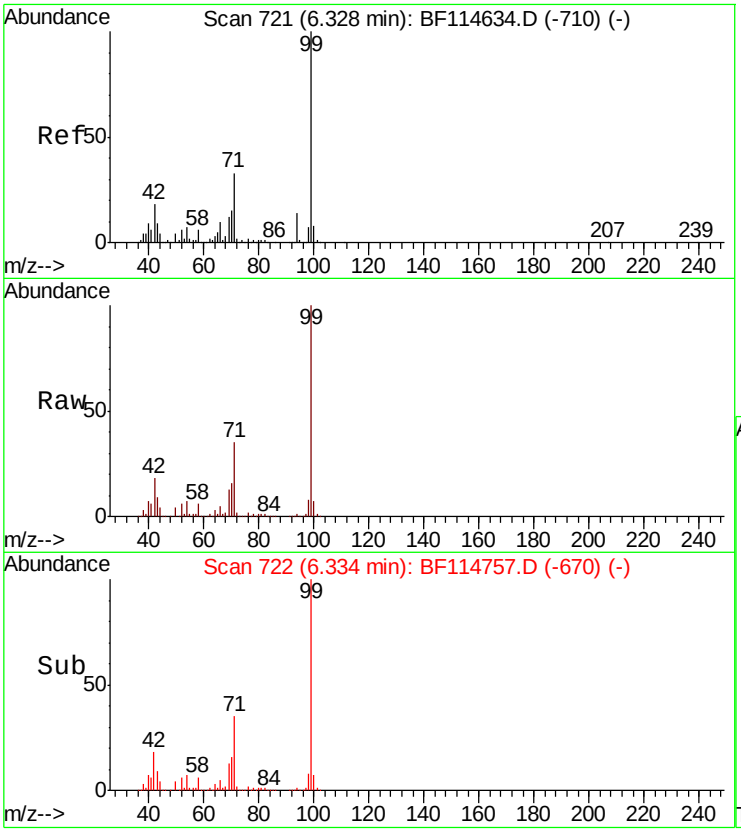


#5
2-Fluorophenol
Concen: 120.526 ng
RT: 5.31 min Scan# 548
Delta R.T. 0.02 min
Lab File: BF114757.D
Acq: 1 Jun 2019 15:19

Tgt Ion:112 Resp: 2553657

Ion	Ratio	Lower	Upper
112	100		
64	52.7	46.1	69.1
63	27.5	23.4	35.2

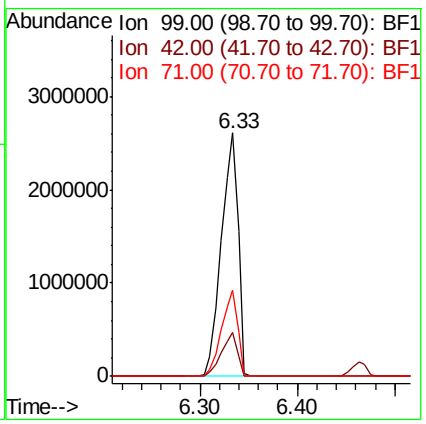




#7
Phenol-d6
Concen: 121.720 ng
RT: 6.33 min Scan# 722
Delta R.T. 0.01 min
Lab File: BF114757.D
Acq: 1 Jun 2019 15:19

Tgt Ion: 99 Resp: 3107735

Ion	Ratio	Lower	Upper
99	100		
42	18.1	14.7	22.1
71	35.4	26.6	40.0



Instrument :
BNA_F
ClientSampleId :
0430-HR-10(HACKENSACK)

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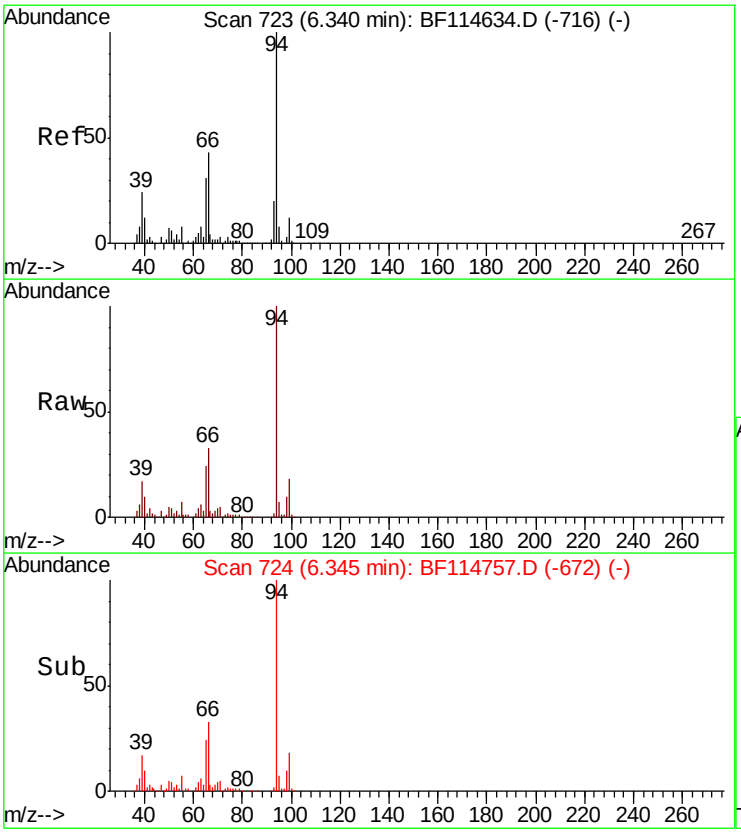
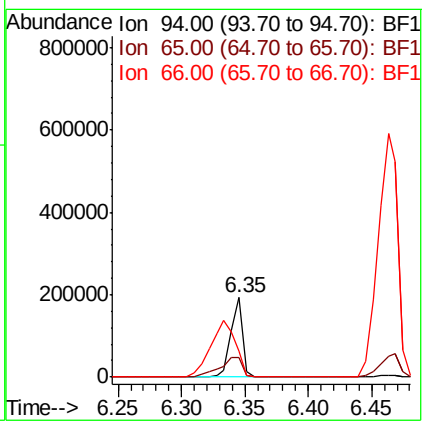
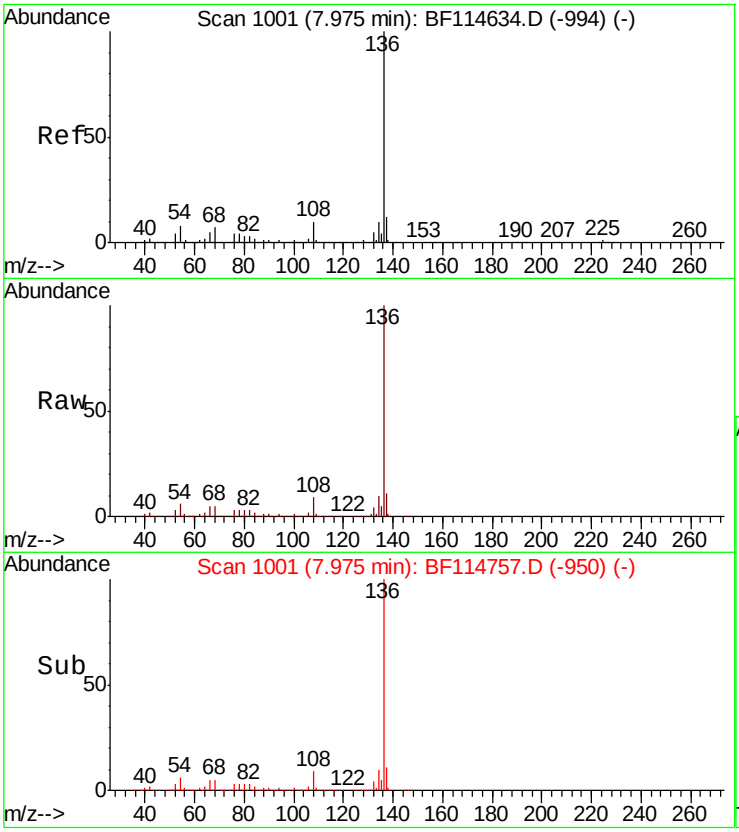


#10
Phenol
Concen: 3.974 ng
RT: 6.35 min Scan# 724
Delta R.T. 0.01 min
Lab File: BF114757.D
Acq: 1 Jun 2019 15:19

Tgt Ion: 94 Resp: 122583

Ion	Ratio	Lower	Upper
94	100		
65	24.2	11.0	51.0
66	32.5	23.0	63.0

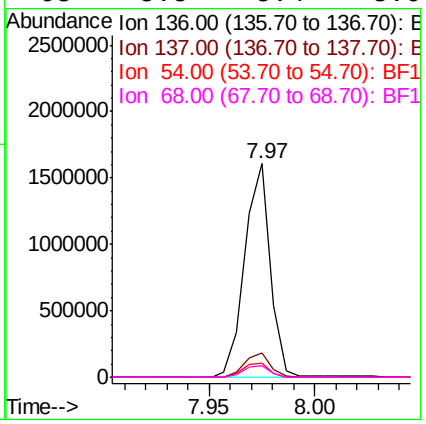




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF114757.D
Acq: 1 Jun 2019 15:19

Tgt Ion:136 Resp: 1351192

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.3	13.9
54	6.5	6.3	9.5
68	5.5	5.4	8.0



Instrument :
BNA_F
ClientSampleId :
0430-HR-10(HACKENSACK)

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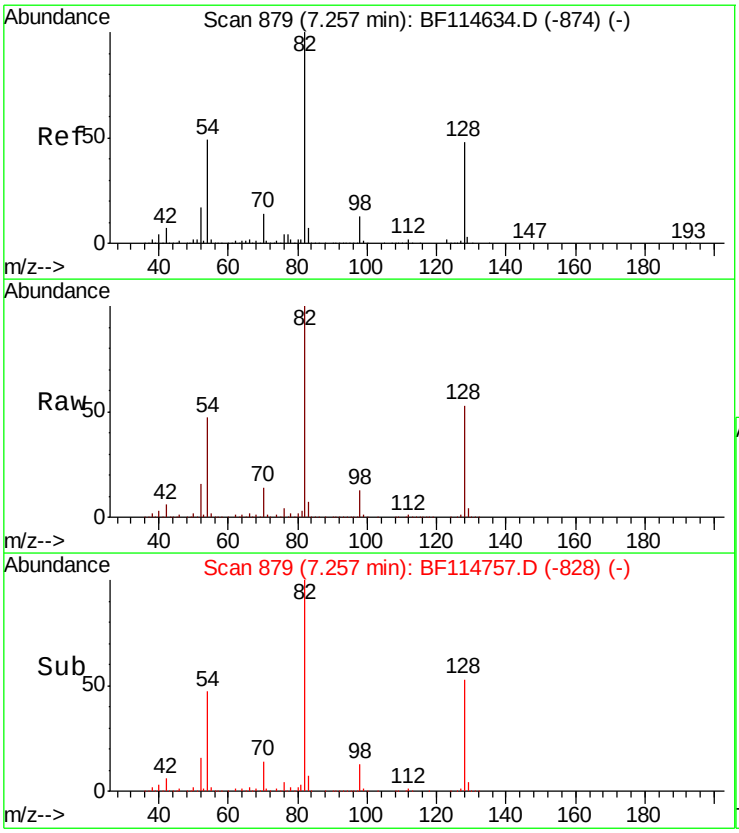
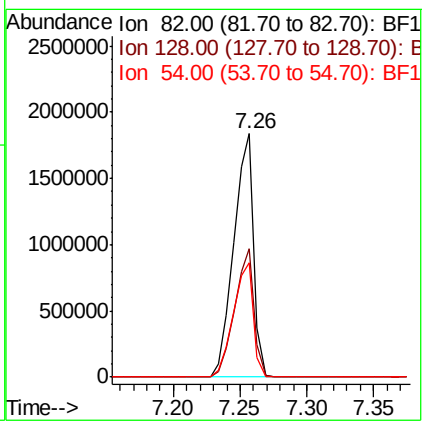
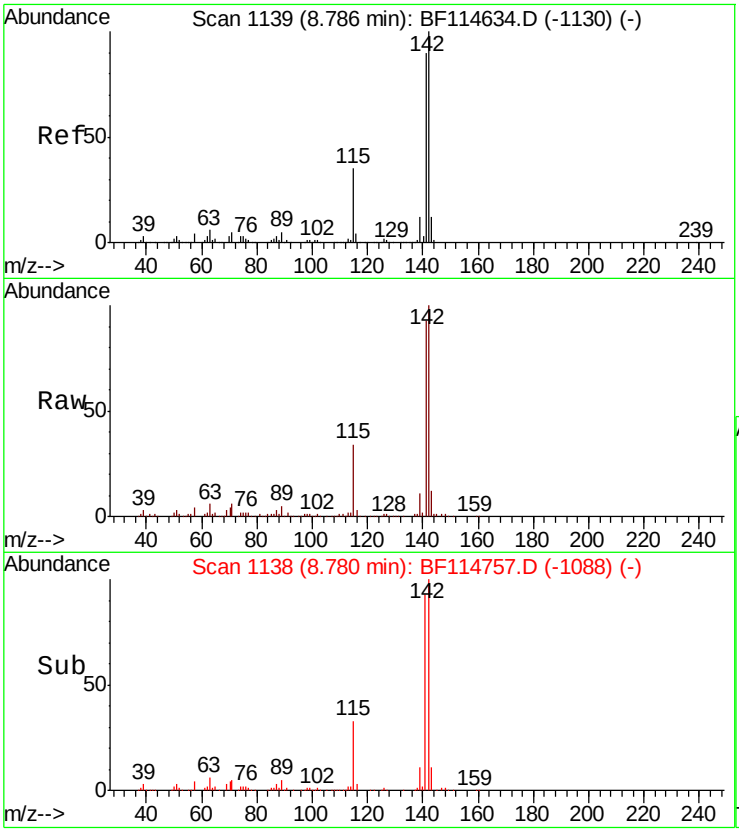


#23
Nitrobenzene-d5
Concen: 88.654 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF114757.D
Acq: 1 Jun 2019 15:19

Tgt Ion: 82 Resp: 1920014

Ion	Ratio	Lower	Upper
82	100		
128	52.9	38.5	57.7
54	47.0	39.1	58.7

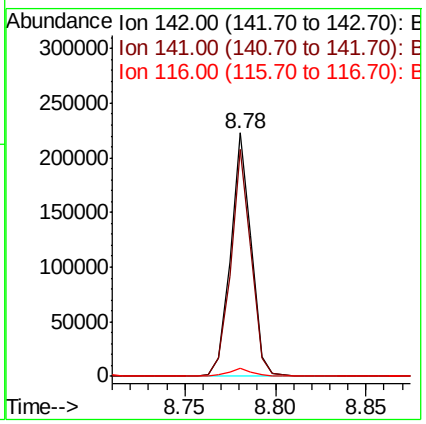




#38
1-Methylnaphthalene
Concen: 4.489 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF114757.D
Acq: 1 Jun 2019 15:19

Tgt Ion:142 Resp: 175881

Ion	Ratio	Lower	Upper
142	100		
141	93.0	72.3	108.5
116	3.5	3.0	4.4



Instrument :
BNA_F
ClientSampleId :
0430-HR-10(HACKENSACK)

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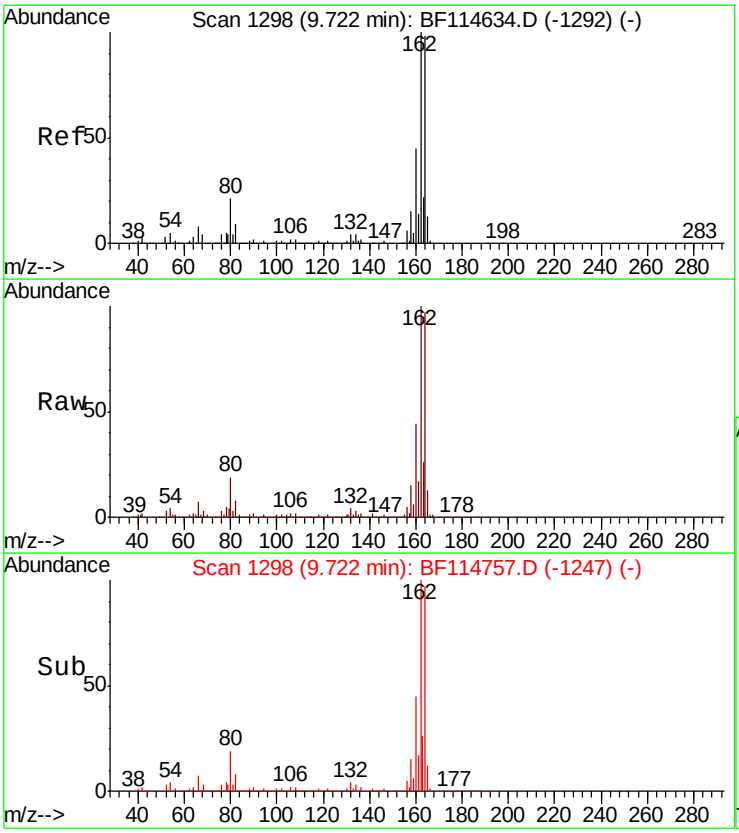
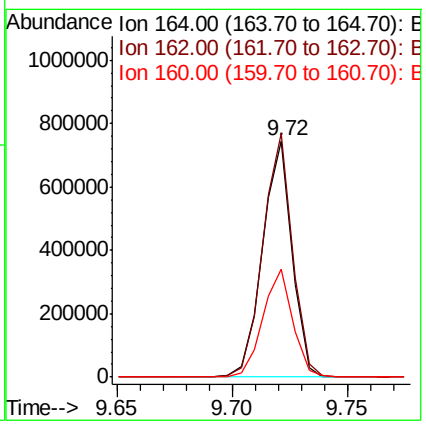
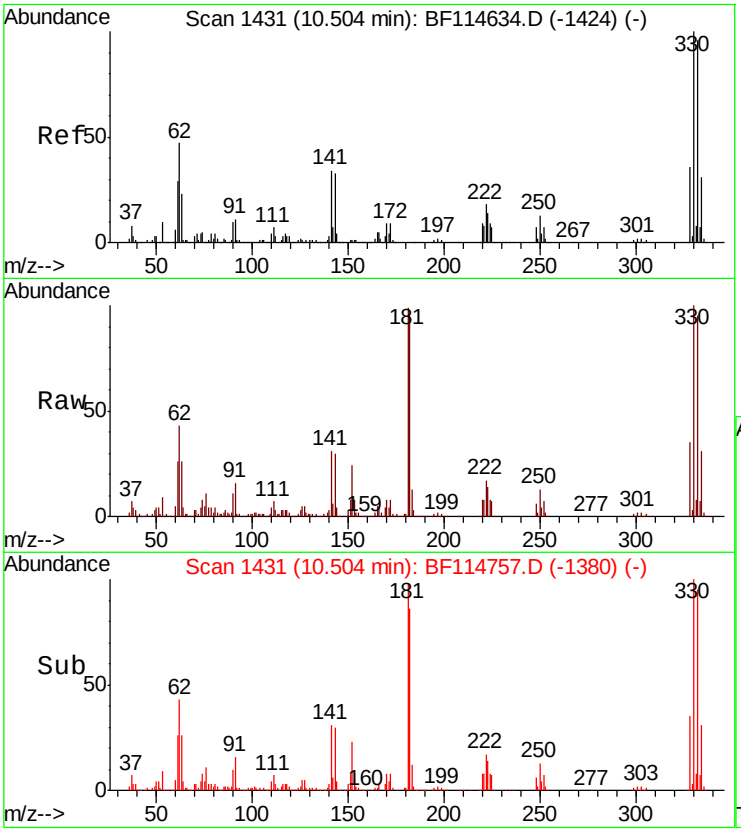


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF114757.D
Acq: 1 Jun 2019 15:19

Tgt Ion:164 Resp: 661913

Ion	Ratio	Lower	Upper
164	100		
162	103.1	81.4	122.2
160	45.7	36.6	54.8





#42
2,4,6-Tribromophenol
Concen: 117.621 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BF114757.D
Acq: 1 Jun 2019 15:19

Tgt Ion:330 Resp: 741833

Ion	Ratio	Lower	Upper
330	100		
332	95.6	75.8	113.8
141	32.5	27.8	41.8

Instrument :
BNA_F
ClientSampleId :
0430-HR-10(HACKENSACK)

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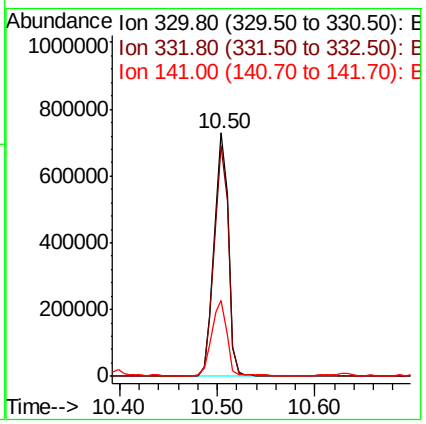
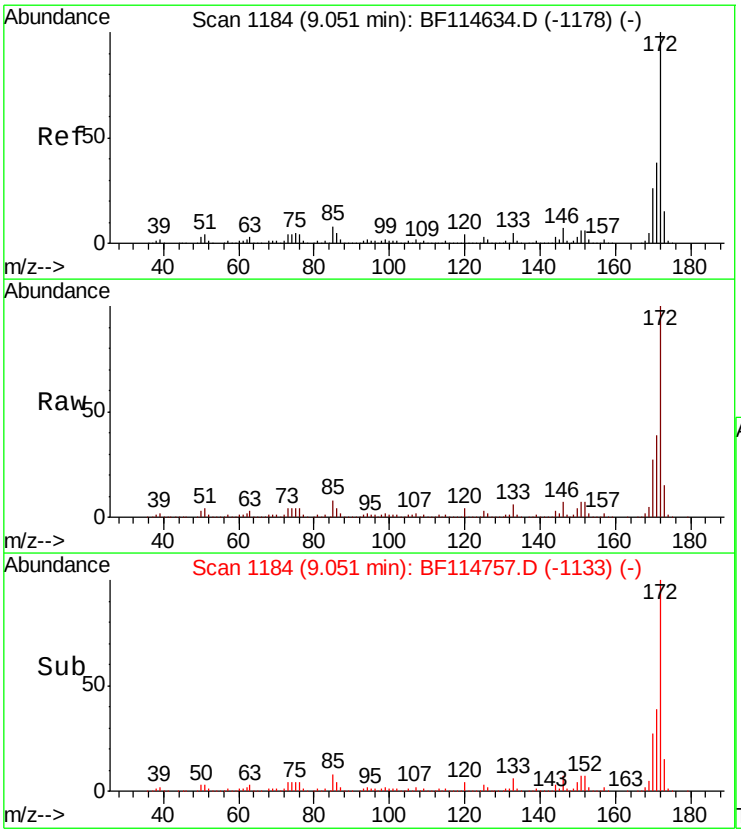
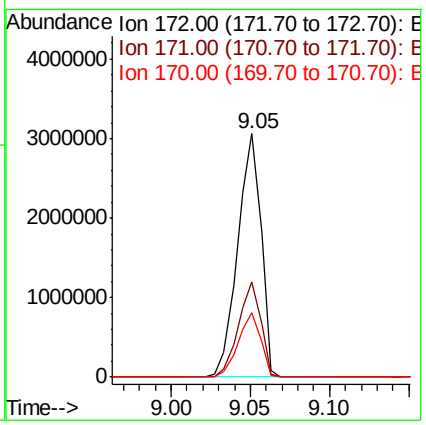


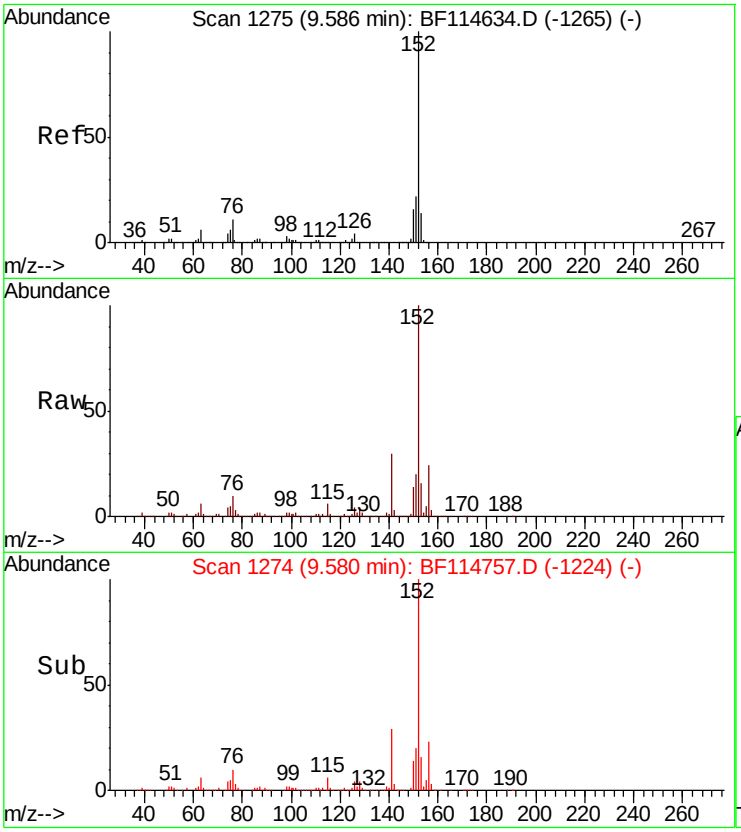


#45
2-Fluorobiphenyl
Concen: 89.102 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF114757.D
Acq: 1 Jun 2019 15:19

Tgt Ion:172 Resp: 3112448

Ion	Ratio	Lower	Upper
172	100		
171	38.9	30.6	45.8
170	26.6	20.7	31.1

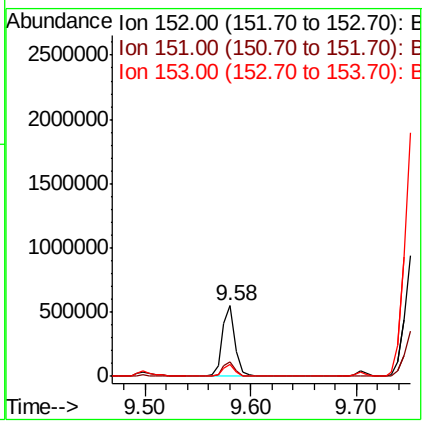




#49
Acenaphthylene
Concen: 7.578 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF114757.D
Acq: 1 Jun 2019 15:19

Tgt Ion:152 Resp: 471851

Ion	Ratio	Lower	Upper
152	100		
151	20.2	17.5	26.3
153	16.1	11.6	17.4



Instrument :
BNA_F
ClientSampleId :
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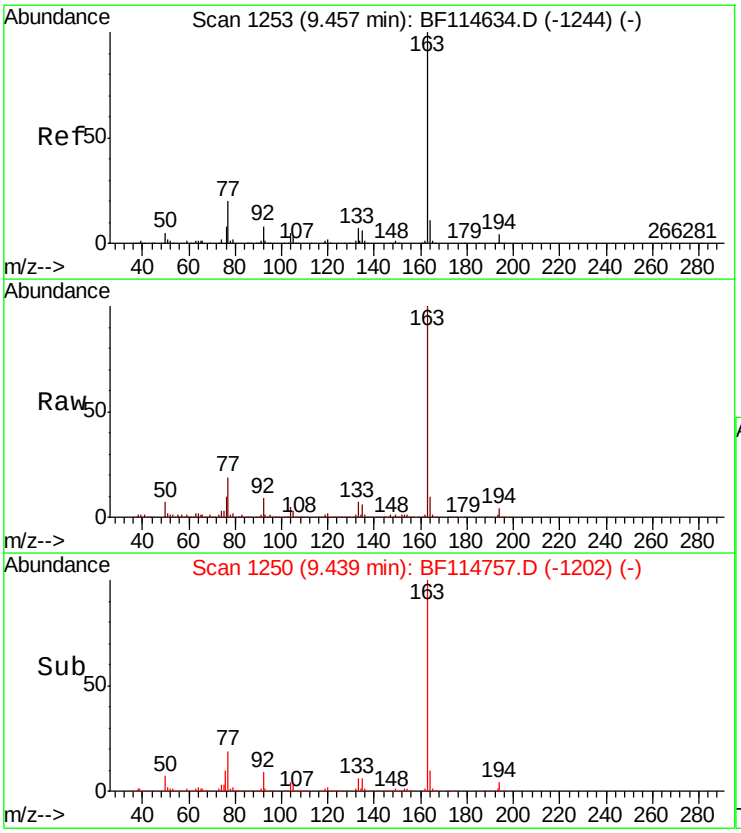
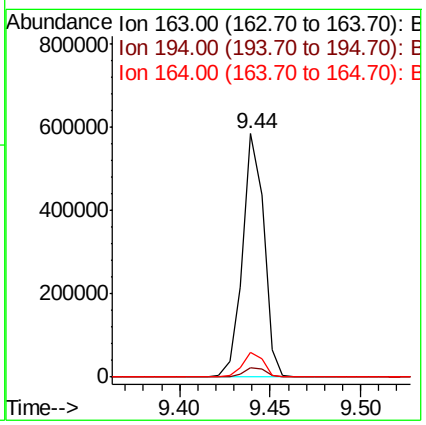
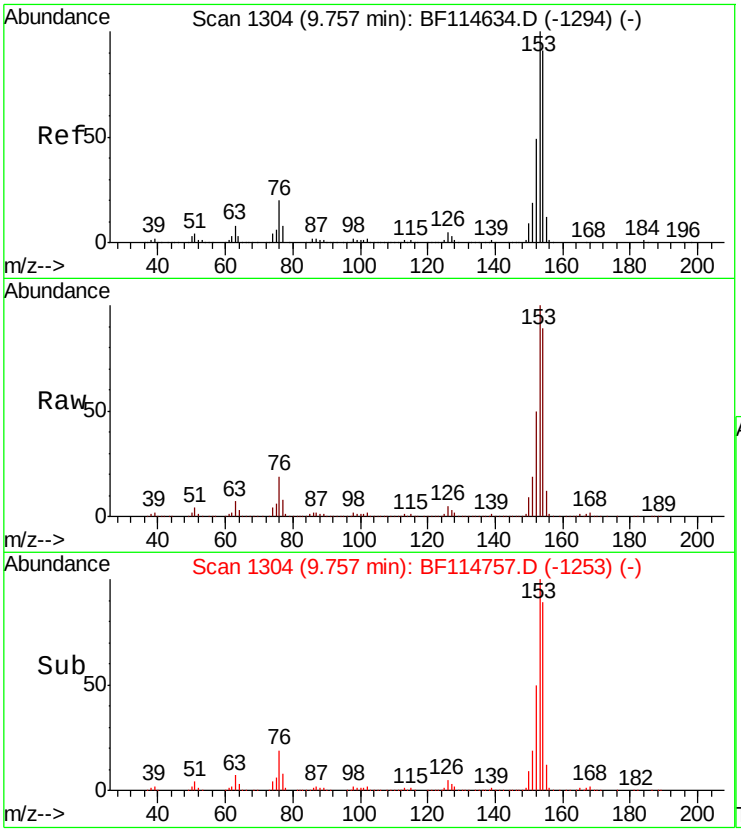


#50
Dimethylphthalate
Concen: 10.318 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.02 min
Lab File: BF114757.D
Acq: 1 Jun 2019 15:19

Tgt Ion:163 Resp: 475885

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.4	5.0
164	10.2	8.6	13.0

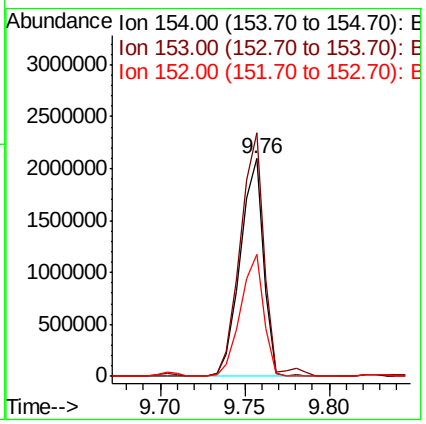




#52
Acenaphthene
Concen: 53.016 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BF114757.D
Acq: 1 Jun 2019 15:19

Tgt Ion:154 Resp: 2024487

Ion	Ratio	Lower	Upper
154	100		
153	111.8	88.4	132.6
152	55.9	43.4	65.0



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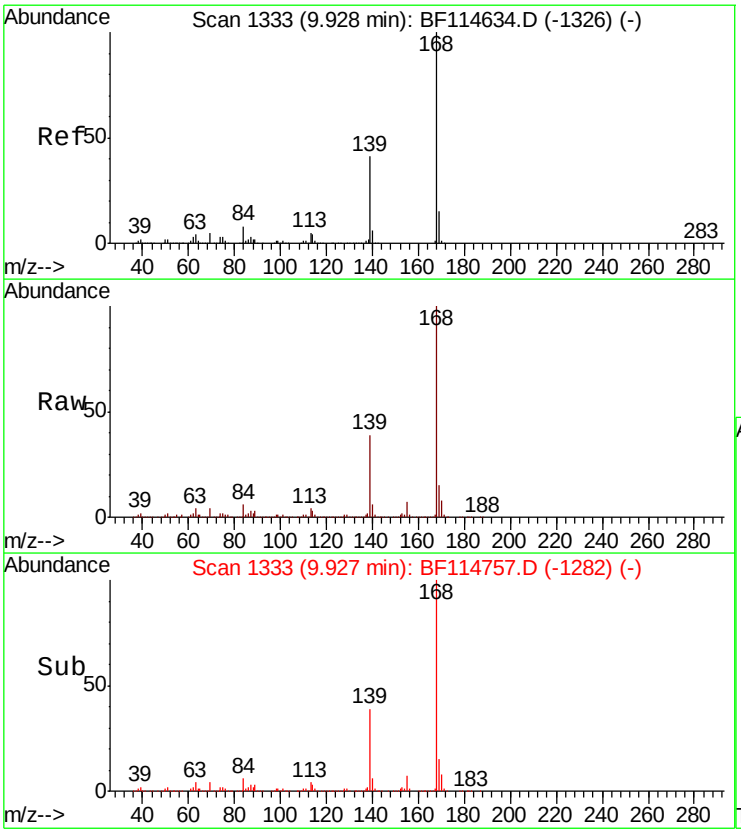
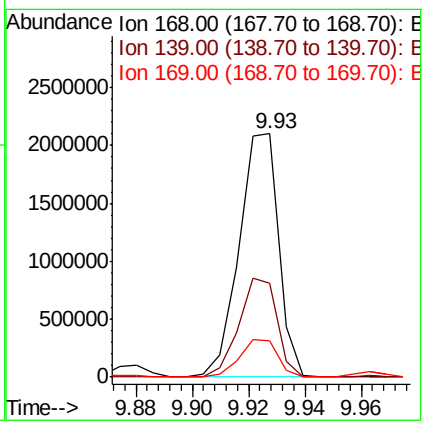
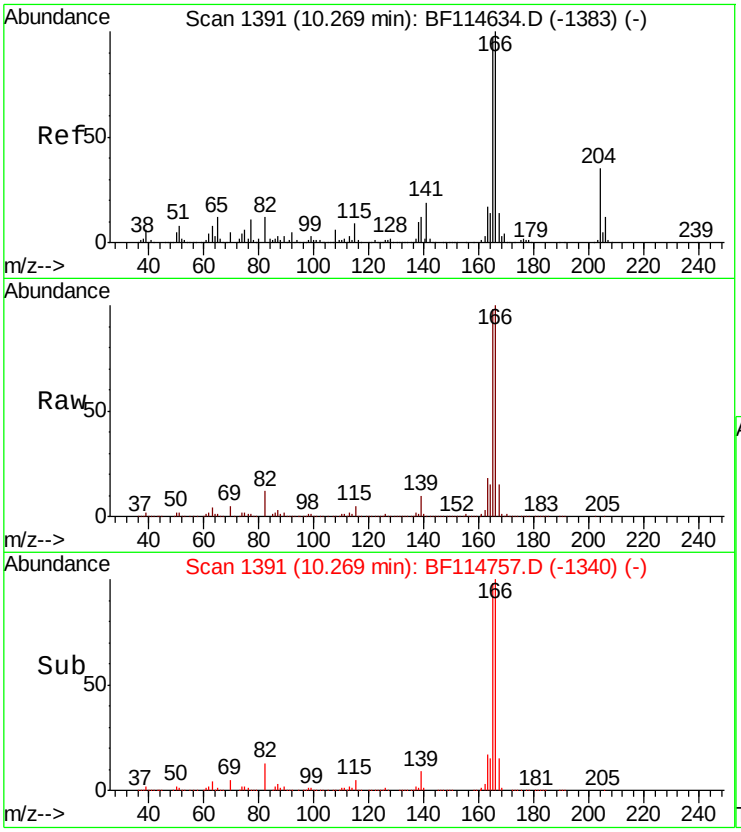


#55
Dibenzofuran
Concen: 37.523 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BF114757.D
Acq: 1 Jun 2019 15:19

Tgt Ion:168 Resp: 2039612

Ion	Ratio	Lower	Upper
168	100		
139	38.7	32.6	48.8
169	15.1	11.8	17.8

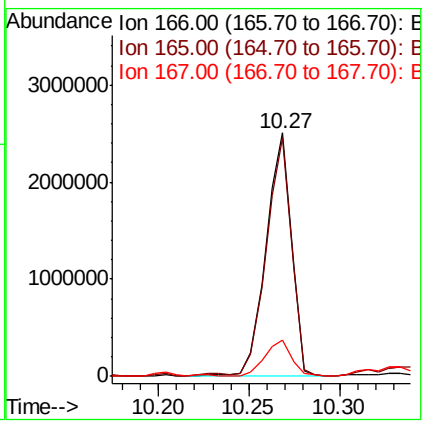




#58
Fluorene
Concen: 82.443 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BF114757.D
Acq: 1 Jun 2019 15:19

Tgt Ion:166 Resp: 2422496

Ion	Ratio	Lower	Upper
166	100		
165	97.9	77.6	116.4
167	14.8	11.2	16.8



Instrument :
BNA_F
ClientSampleId :
0430-HR-10(HACKENSACK)

Manual Integrations APPROVED
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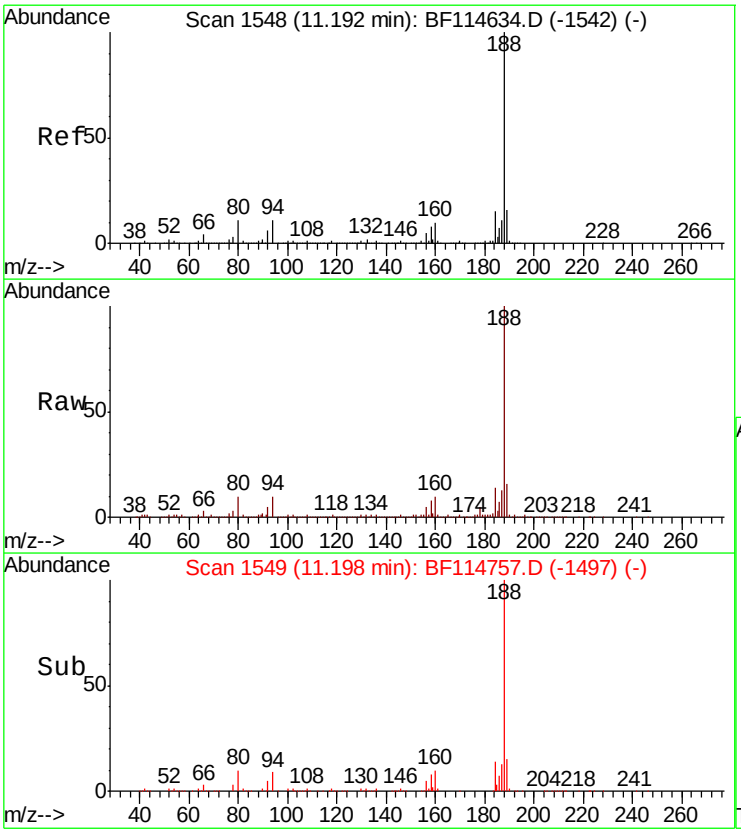
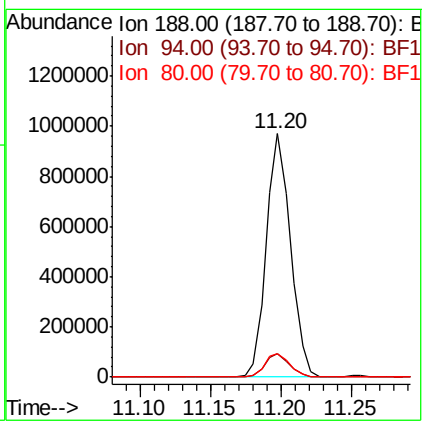
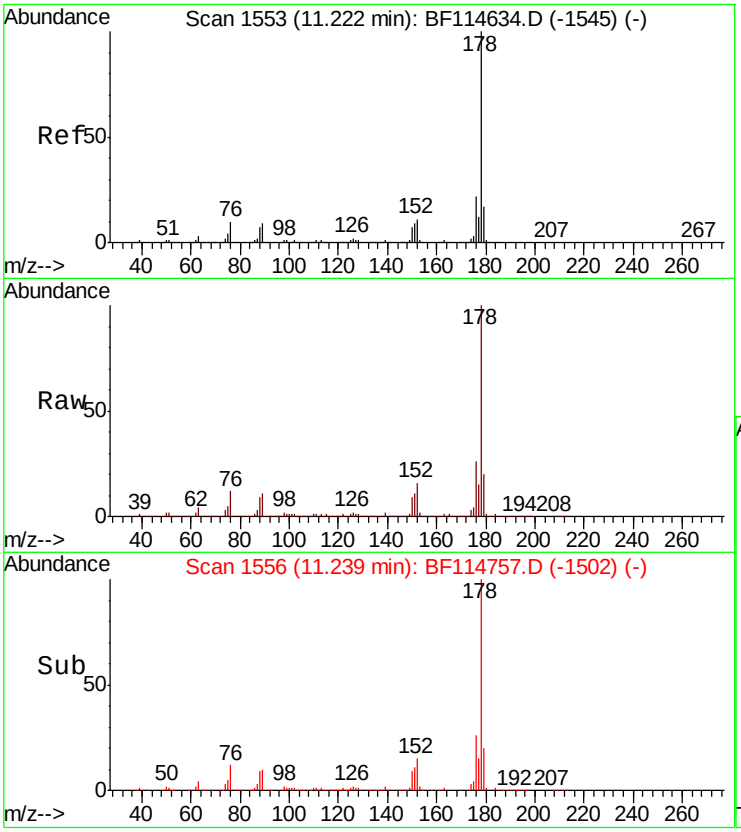


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.01 min
Lab File: BF114757.D
Acq: 1 Jun 2019 15:19

Tgt Ion:188 Resp: 1168446

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.6	13.0
80	9.8	9.0	13.6

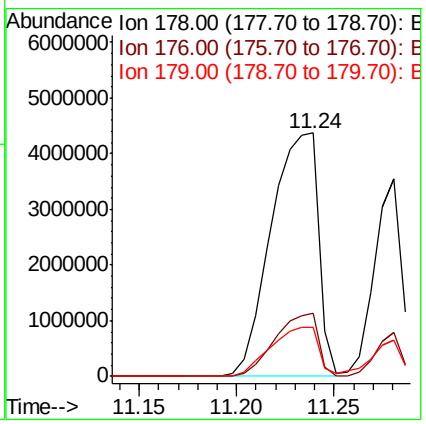




#71
Phenanthrene
Concen: 123.176 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.02 min
Lab File: BF114757.D
Acq: 1 Jun 2019 15:19

Tgt Ion:178 Resp: 7341827

Ion	Ratio	Lower	Upper
178	100		
176	25.7	17.2	25.8
179	20.2	13.9	20.9



Instrument :
BNA_F
ClientSampleId :
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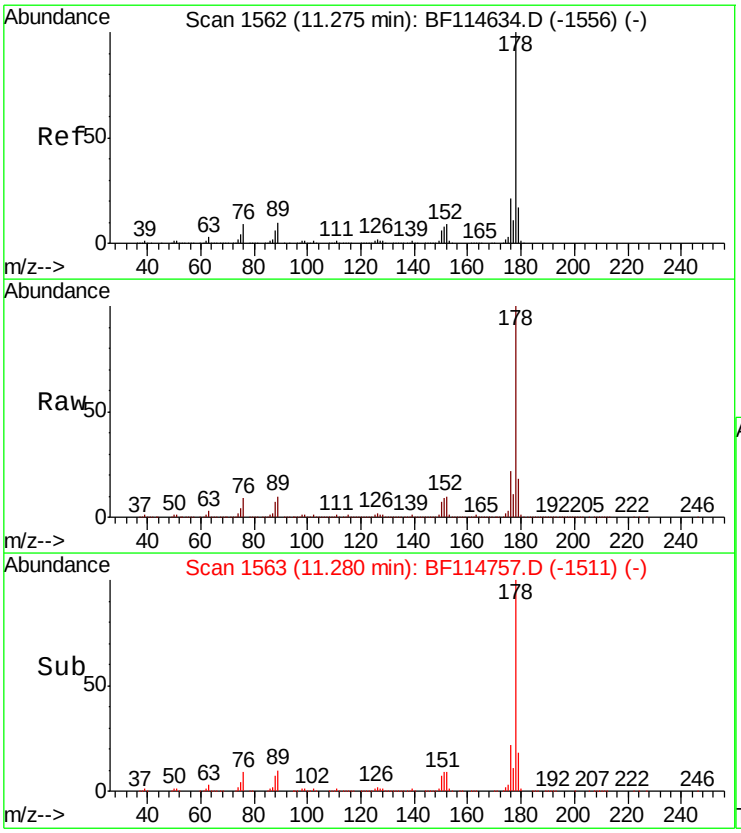
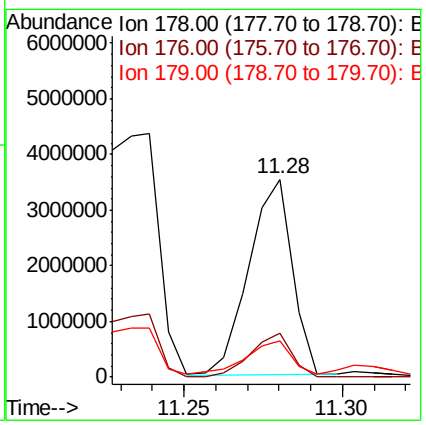
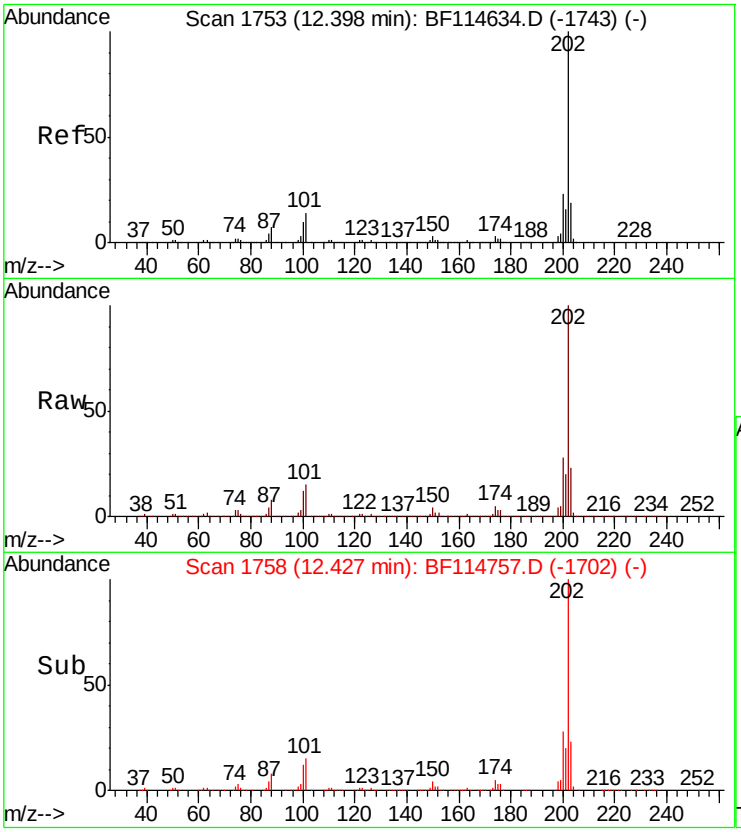


#72
Anthracene
Concen: 55.186 ng
RT: 11.28 min Scan# 1563
Delta R.T. 0.01 min
Lab File: BF114757.D
Acq: 1 Jun 2019 15:19

Tgt Ion:178 Resp: 3329134

Ion	Ratio	Lower	Upper
178	100		
176	22.0	16.6	24.8
179	18.2	13.4	20.0

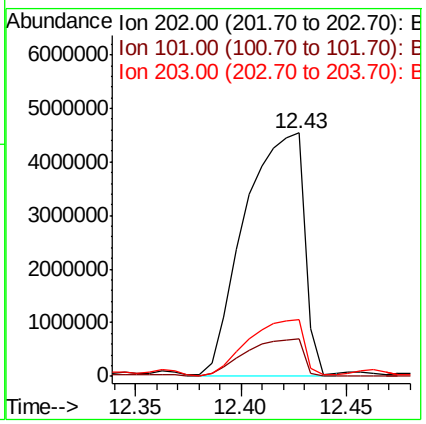




#75
Fluoranthene
Concen: 143.931 ng
RT: 12.43 min Scan# 1758
Delta R.T. 0.03 min
Lab File: BF114757.D
Acq: 1 Jun 2019 15:19

Tgt Ion:202 Resp: 8883238

Ion	Ratio	Lower	Upper
202	100		
101	15.2	0.0	33.9
203	23.1	0.0	39.1



Instrument :
BNA_F
ClientSampleId :
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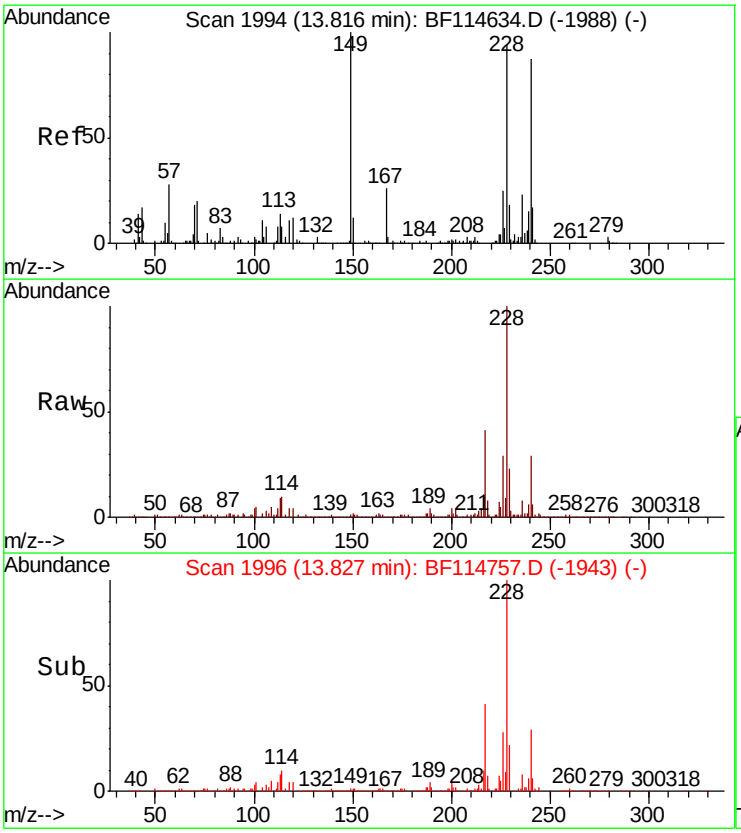
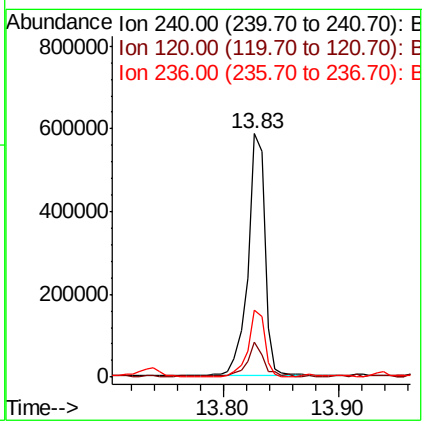
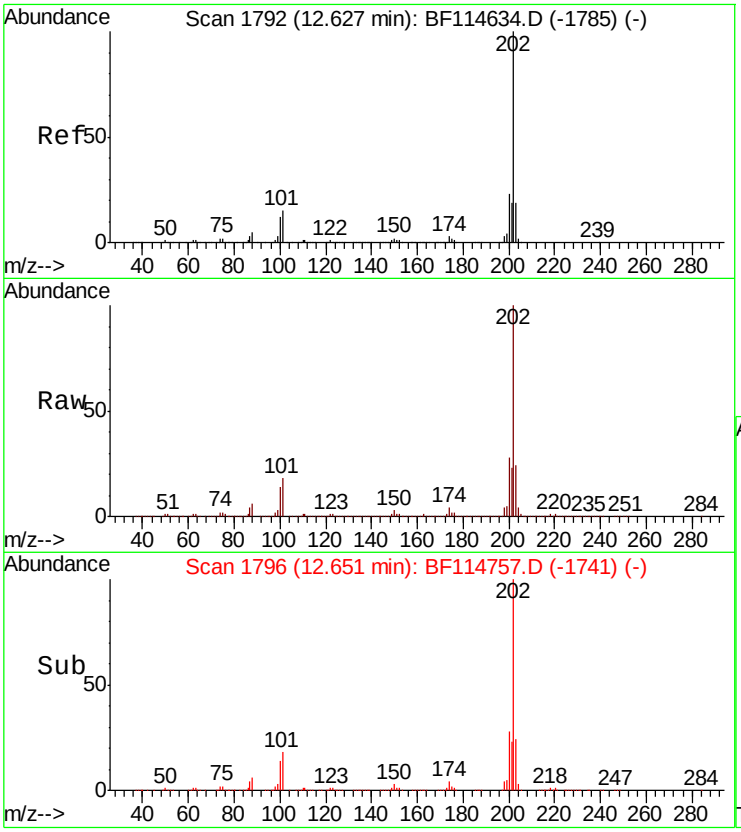


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. 0.01 min
Lab File: BF114757.D
Acq: 1 Jun 2019 15:19

Tgt Ion:240 Resp: 597035

Ion	Ratio	Lower	Upper
240	100		
120	14.4	11.2	16.8
236	27.7	21.2	31.8

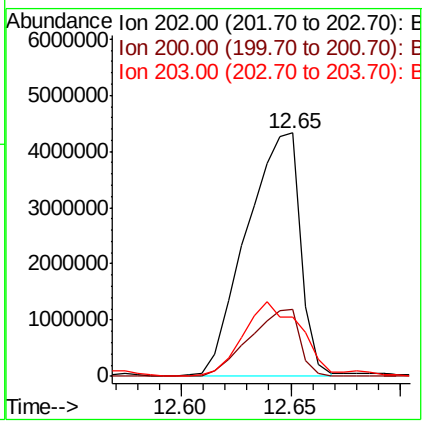




#78
Pyrene
Concen: 147.122 ng m
RT: 12.65 min Scan# 1796
Delta R.T. 0.02 min
Lab File: BF114757.D
Acq: 1 Jun 2019 15:19

Tgt Ion:202 Resp: 7430306

Ion	Ratio	Lower	Upper
202	100		
200	27.7	18.6	28.0
203	24.5	15.4	23.2#



Instrument :
BNA_F
ClientSampleId :
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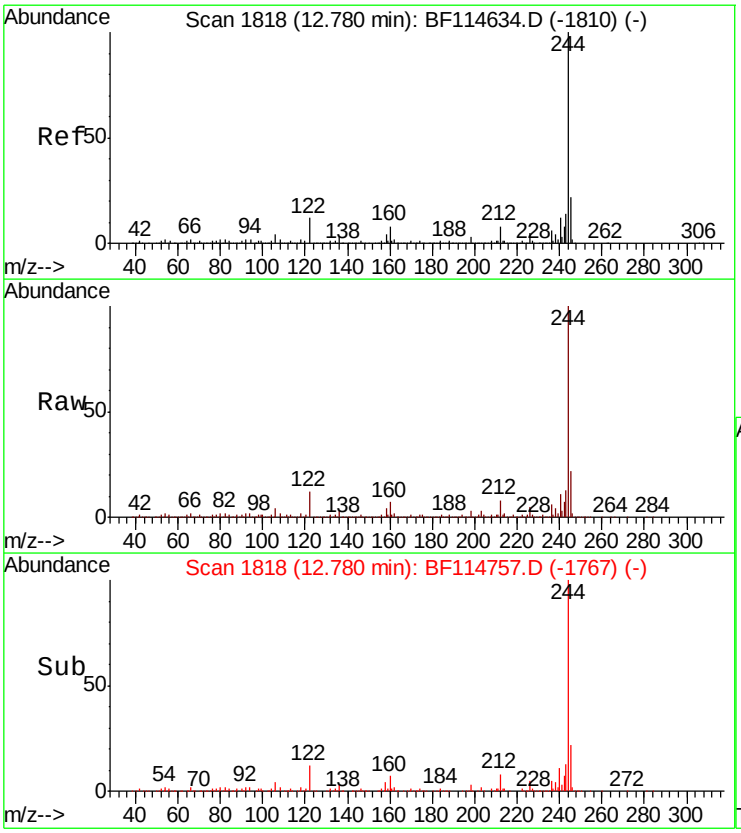
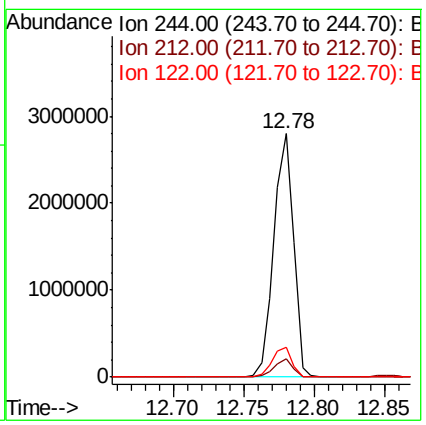
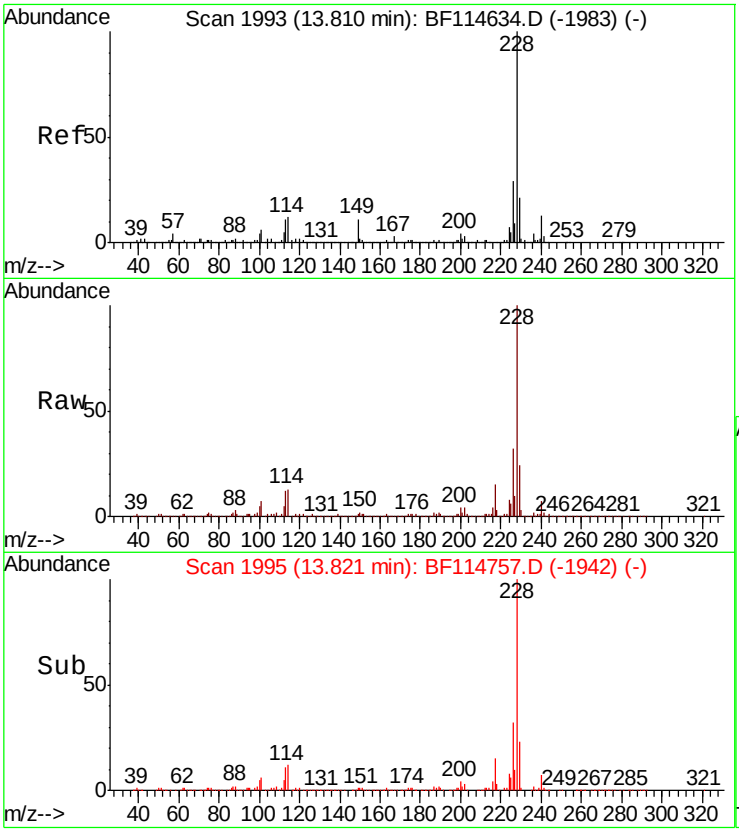


#79
Terphenyl-d14
Concen: 86.386 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BF114757.D
Acq: 1 Jun 2019 15:19

Tgt Ion:244 Resp: 2743159

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.1	9.1
122	12.3	9.8	14.8

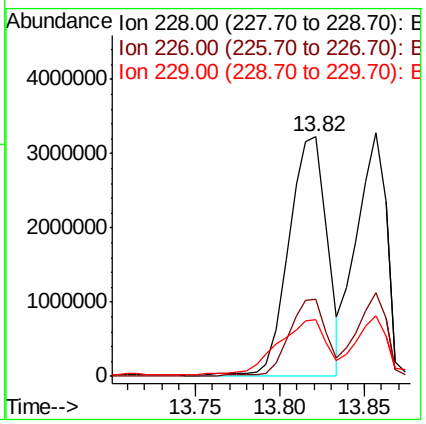




#81
Benzo(a)anthracene
Concen: 109.362 ng
RT: 13.82 min Scan# 1995
Delta R.T. 0.01 min
Lab File: BF114757.D
Acq: 1 Jun 2019 15:19

Tgt Ion:228 Resp: 5017508

Ion	Ratio	Lower	Upper
228	100		
226	32.0	23.0	34.6
229	23.5	17.0	25.4



Instrument :
BNA_F
ClientSampleId :
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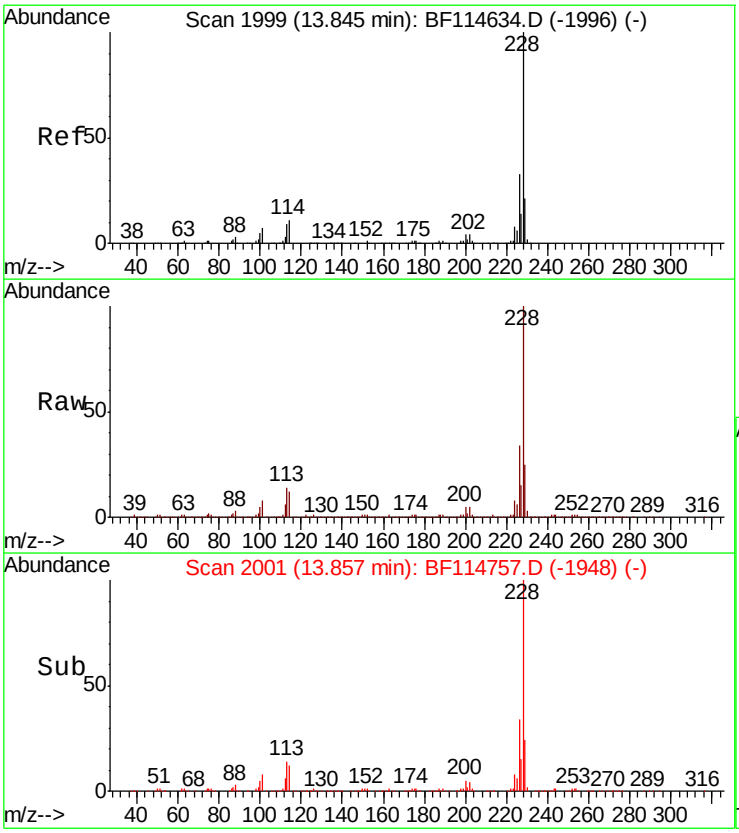
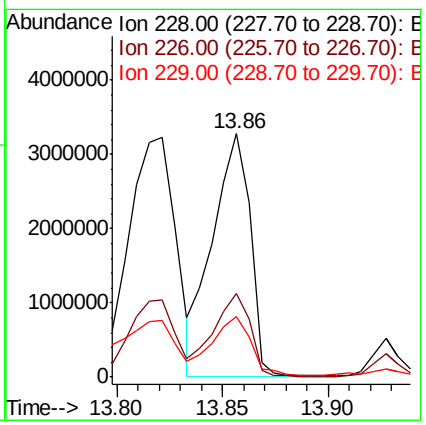
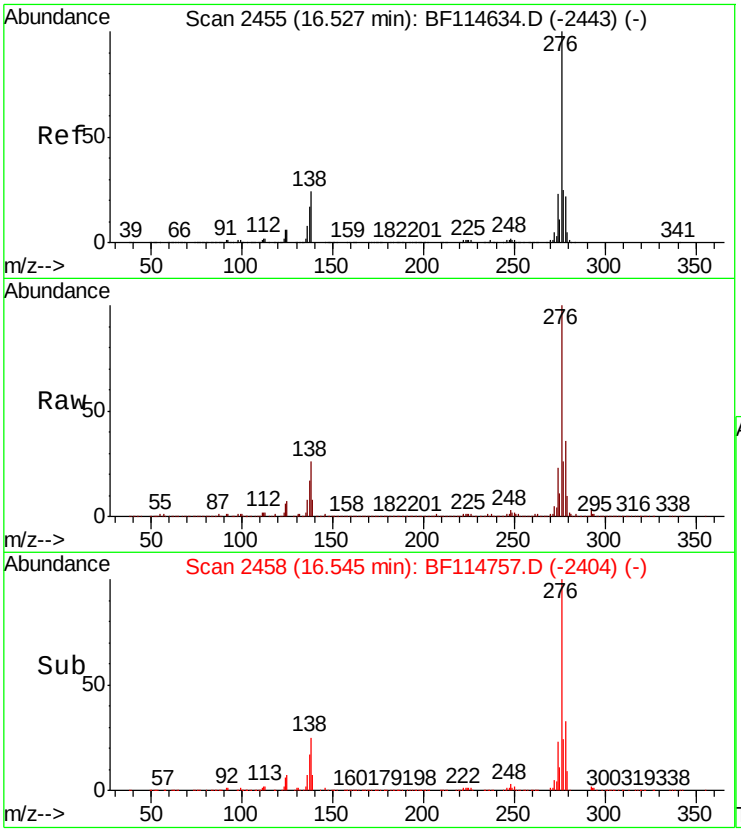


#83
Chrysene
Concen: 92.108 ng
RT: 13.86 min Scan# 2001
Delta R.T. 0.01 min
Lab File: BF114757.D
Acq: 1 Jun 2019 15:19

Tgt Ion:228 Resp: 4037517

Ion	Ratio	Lower	Upper
228	100		
226	34.3	26.4	39.6
229	24.7	17.1	25.7





#86
Indeno(1,2,3-cd)pyrene
Concen: 46.510 ng
RT: 16.54 min Scan# 2458
Delta R.T. 0.02 min
Lab File: BF114757.D
Acq: 1 Jun 2019 15:19

Tgt Ion:276 Resp: 2041912

Ion	Ratio	Lower	Upper
276	100		
138	24.7	23.0	34.6
277	27.4	20.5	30.7

Instrument :
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ClientSampleId :
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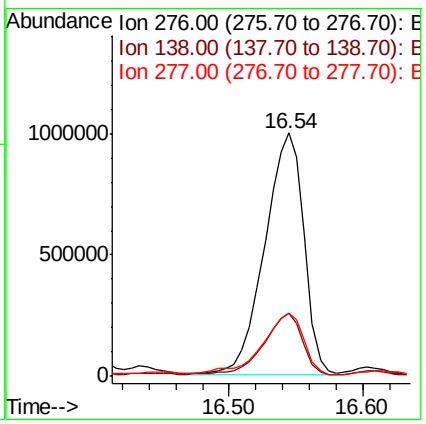
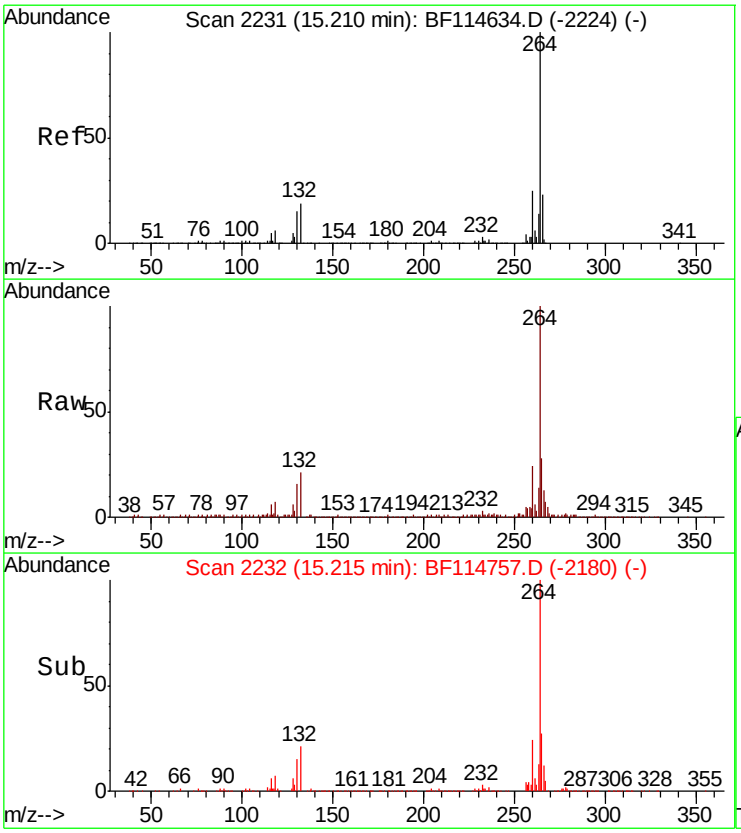
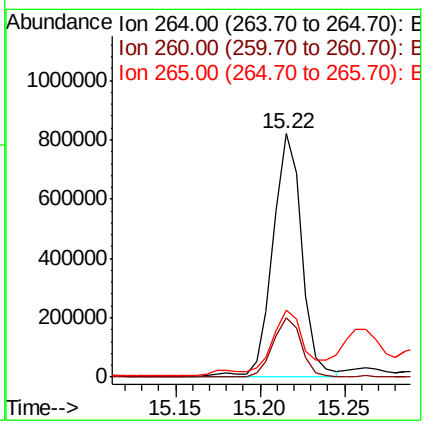


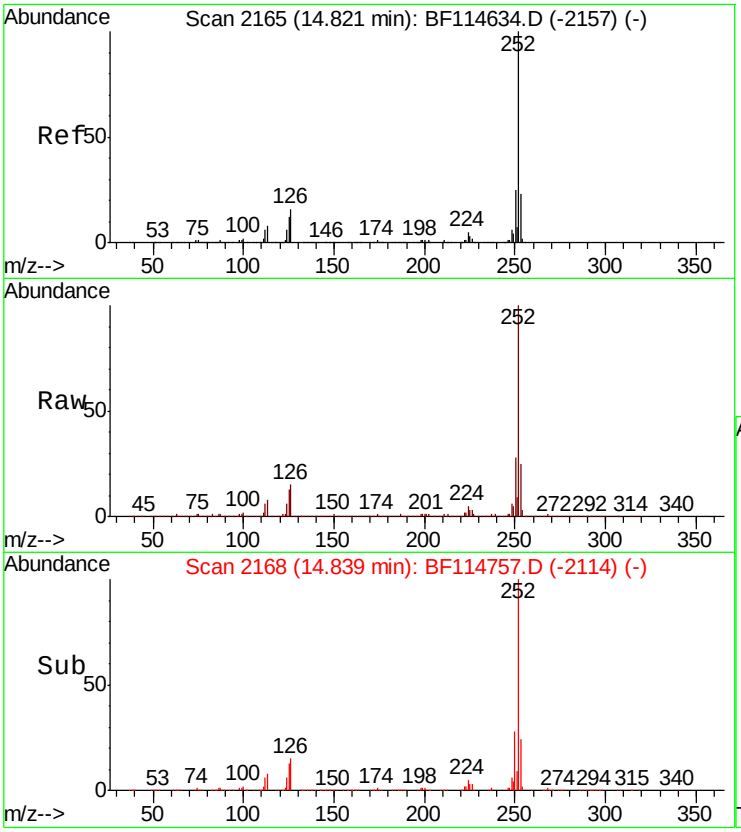


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.01 min
Lab File: BF114757.D
Acq: 1 Jun 2019 15:19

Tgt Ion:264 Resp: 971003

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.7	29.5
265	27.7	18.1	27.1#

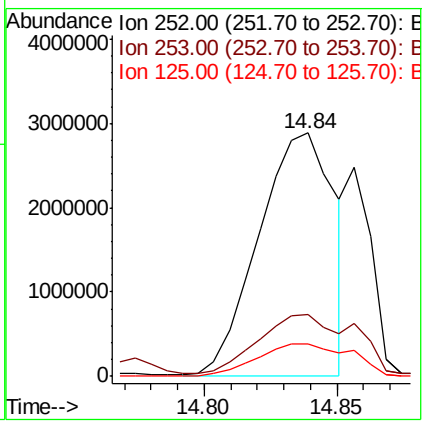




#88
Benzo(b)fluoranthene
Concen: 93.515 ng m
RT: 14.84 min Scan# 2168
Delta R.T. 0.02 min
Lab File: BF114757.D
Acq: 1 Jun 2019 15:19

Tgt Ion:252 Resp: 5719117

Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.7	28.1
125	13.4	9.4	14.2



Instrument :
BNA_F
ClientSampleId :
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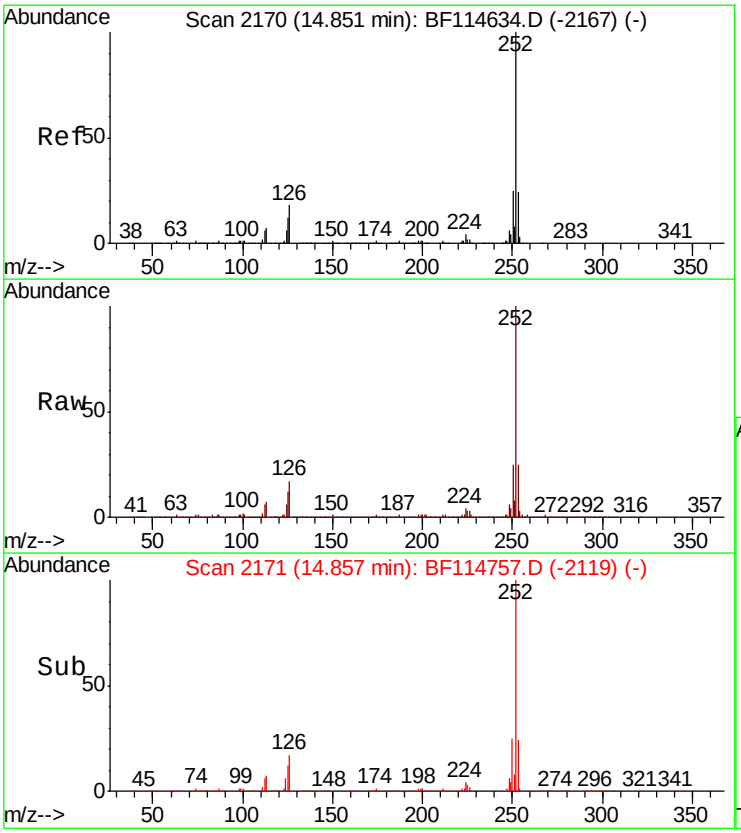
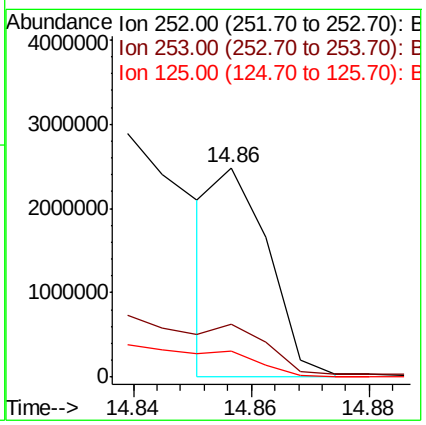
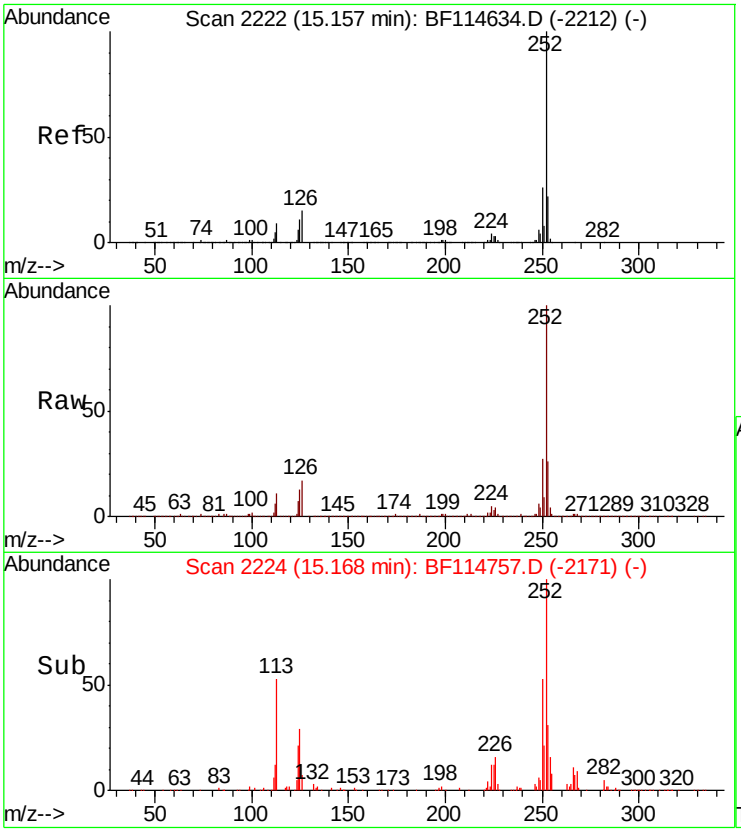


#89
Benzo(k)fluoranthene
Concen: 29.179 ng m
RT: 14.86 min Scan# 2171
Delta R.T. 0.01 min
Lab File: BF114757.D
Acq: 1 Jun 2019 15:19

Tgt Ion:252 Resp: 1551079

Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.9	28.3
125	12.1	9.5	14.3

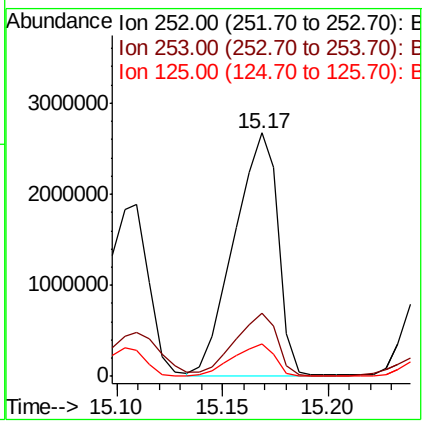




#90
Benzo(a)pyrene
Concen: 71.116 ng
RT: 15.17 min Scan# 2224
Delta R.T. 0.01 min
Lab File: BF114757.D
Acq: 1 Jun 2019 15:19

Tgt Ion:252 Resp: 3820809

Ion	Ratio	Lower	Upper
252	100		
253	25.7	18.0	27.0
125	13.3	9.2	13.8



Instrument :
BNA_F
ClientSampleId :
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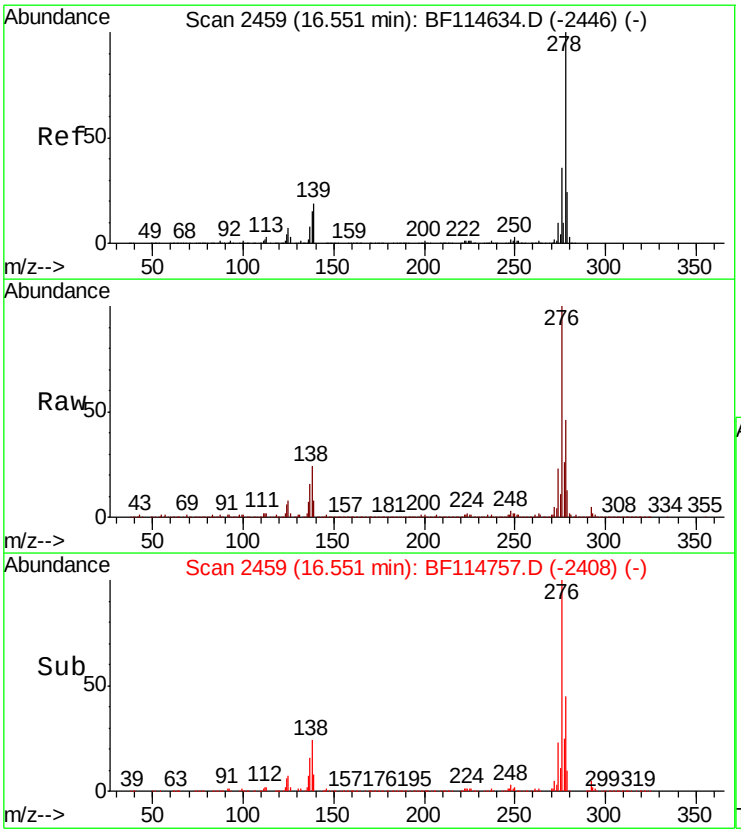
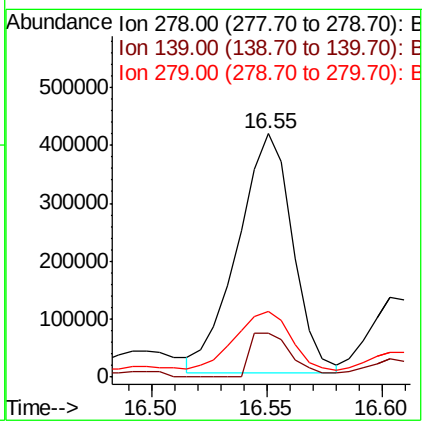
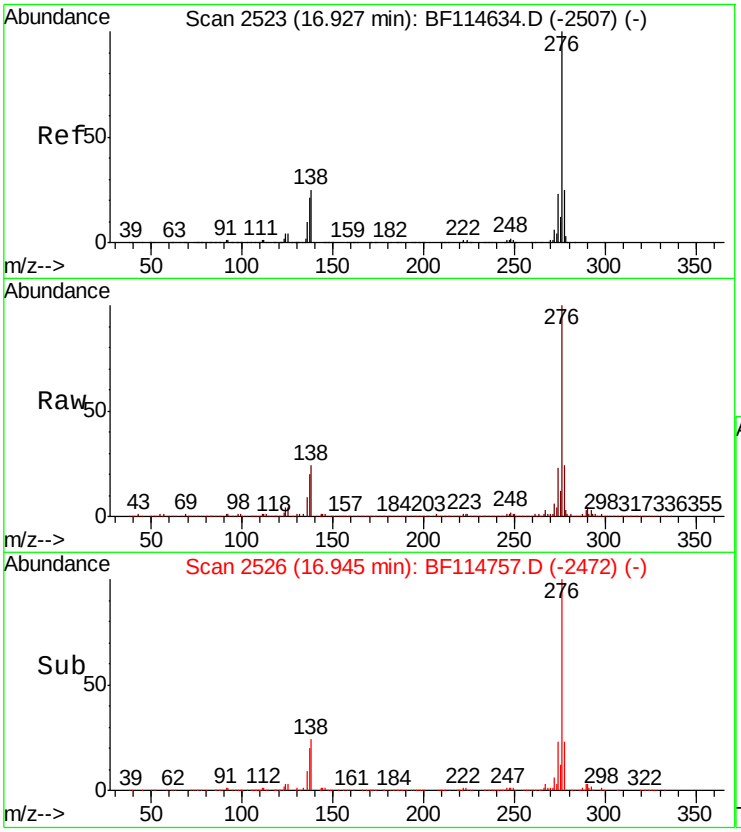


#91
Dibenzo(a,h)anthracene
Concen: 14.533 ng
RT: 16.55 min Scan# 2459
Delta R.T. -0.00 min
Lab File: BF114757.D
Acq: 1 Jun 2019 15:19

Tgt Ion:278 Resp: 689942

Ion	Ratio	Lower	Upper
278	100		
139	18.2	14.9	22.3
279	27.0	19.5	29.3

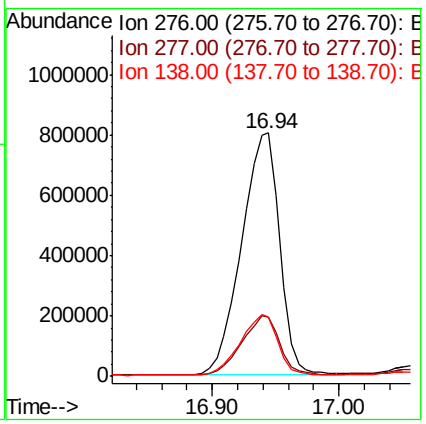




#92
Benzo(g,h,i)perylene
Concen: 36.394 ng
RT: 16.94 min Scan# 2526
Delta R.T. 0.02 min
Lab File: BF114757.D
Acq: 1 Jun 2019 15:19

Tgt Ion:276 Resp: 1676971

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.7	29.5
138	24.2	19.8	29.8



Instrument :
BNA_F
ClientSampleId :
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