Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122719\
Data File : BF118350.D
Acq On : 27 Dec 2019 21:02
Operator : JU
Sample : K6392-03DL 4X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 28 00:01:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	135606	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	522564	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	243089	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	390372	20.00	ng		0.00
76) Chrysene-d12	14.05	240	344507	20.00	ng		0.00
87) Perylene-d12	15.54	264	324754	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	159541	20.08	ng		0.00
7) Phenol-d6	6.48	99	204871	20.79	ng		0.00
23) Nitrobenzene-d5	7.42	82	116509	12.75	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	50230	16.73	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	234457	14.72	ng		0.00
79) Terphenyl-d14	12.98	244	232940	11.22	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.42	70	15872	2.614	ng	#	73
25) Isophorone	7.42	82	116508	7.317	ng	#	62
31) Naphthalene	8.16	128	79195	2.982	ng		97
32) Benzoic acid	7.95	122	874	5.815	ng	#	1
51) 2,6-Dinitrotoluene	9.90	165	32589	8.284	ng	#	26
52) Acenaphthene	9.93	154	66967	4.790	ng		96
55) Dibenzofuran	10.10	168	64123	3.104	ng		97
56) 4-Nitrophenol	10.10	139	25606	8.983	ng	#	8
58) Fluorene	10.45	166	82573	4.952	ng		95
71) Phenanthrene	11.42	178	1052832	49.473	ng		100
72) Anthracene	11.47	178	263997	12.394	ng		100
73) Carbazole	11.63	167	112940	5.975	ng		98
75) Fluoranthene	12.62	202	1434307	66.783	ng		99
78) Pyrene	12.85	202	1227966	43.649	ng		99
81) Benzo(a)anthracene	14.04	228	742837	30.805	ng		99
83) Chrysene	14.07	228	622393	26.955	ng		97
86) Indeno(1,2,3-cd)pyrene	17.05	276	224556	11.414	ng		96
88) Benzo(b)fluoranthene	15.11	252	1002991	46.527	ng		96
89) Benzo(k)fluoranthene	15.11	252	1002991	48.457	ng		97
90) Benzo(a)pyrene	15.48	252	500638	26.363	ng		98
91) Dibenzo(a,h)anthracene	17.05	278	66218	4.018	ng	#	82
92) Benzo(g,h,i)perylene	17.51	276	203449	12.780	ng		100

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

Quantitation Report (Not Reviewed)

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ALS Vial : 18 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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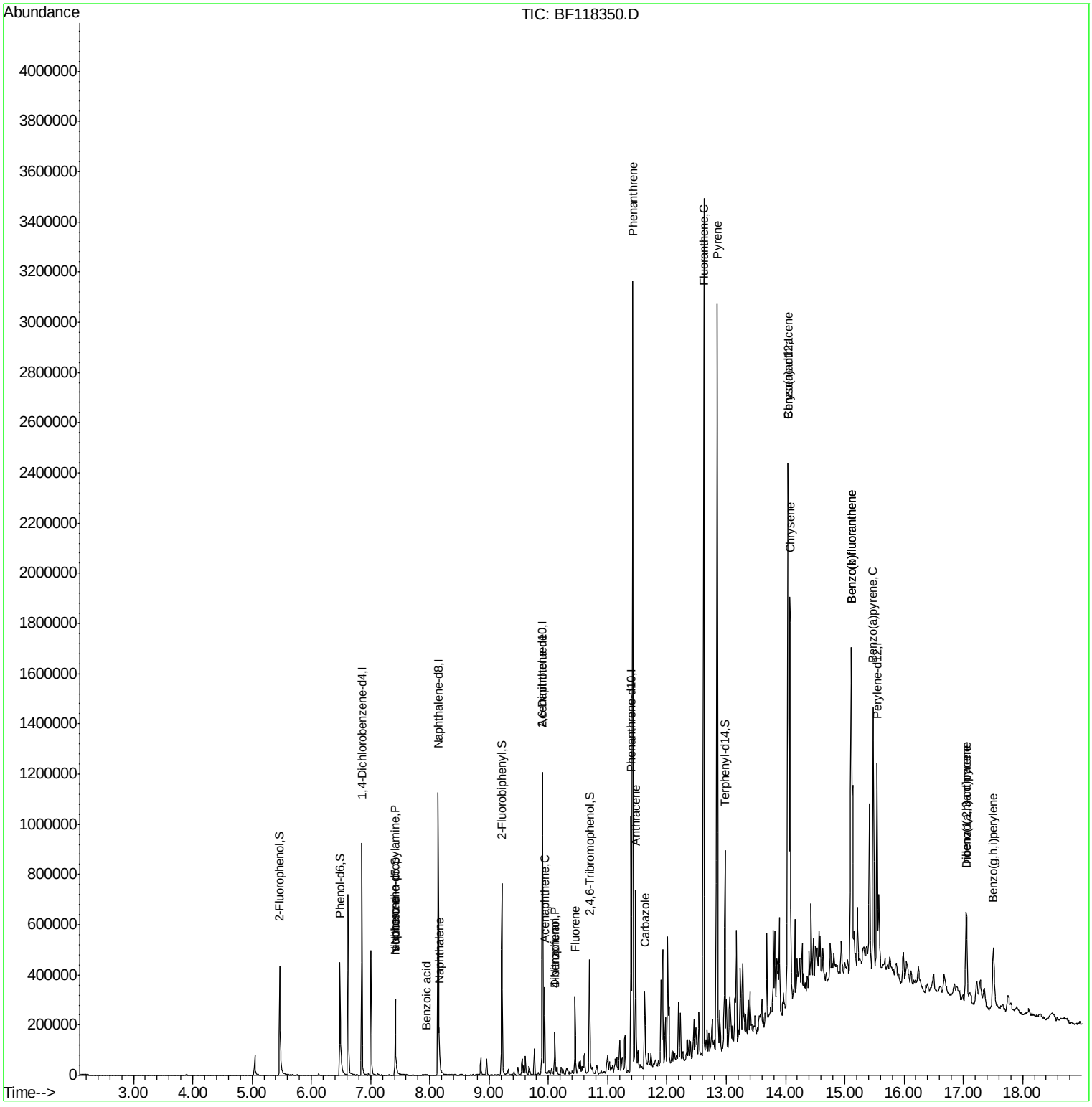
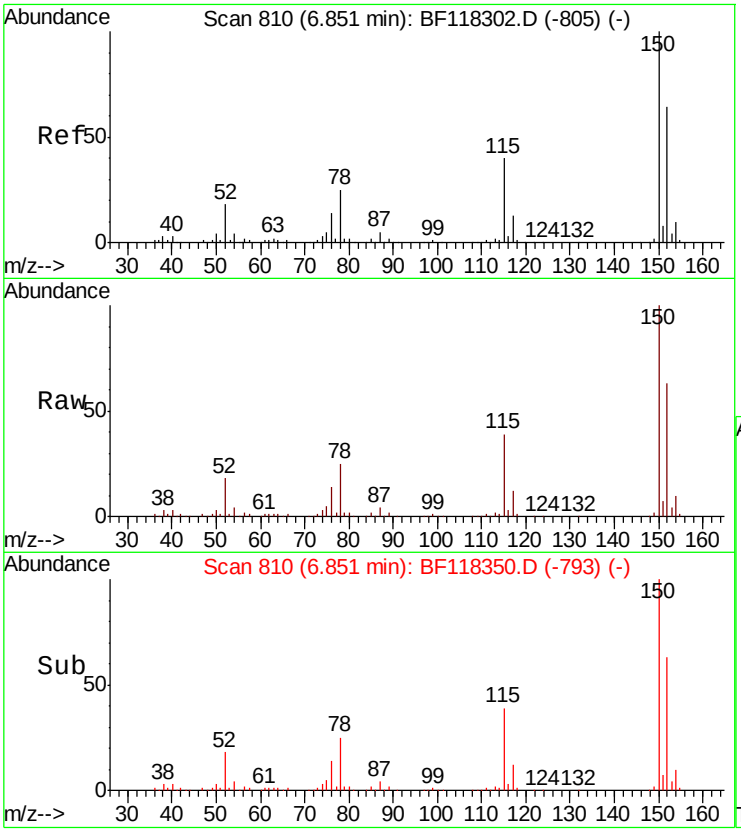


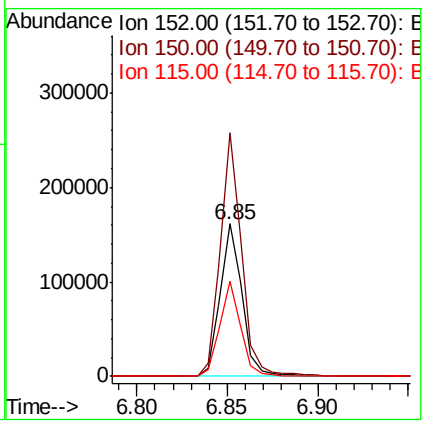


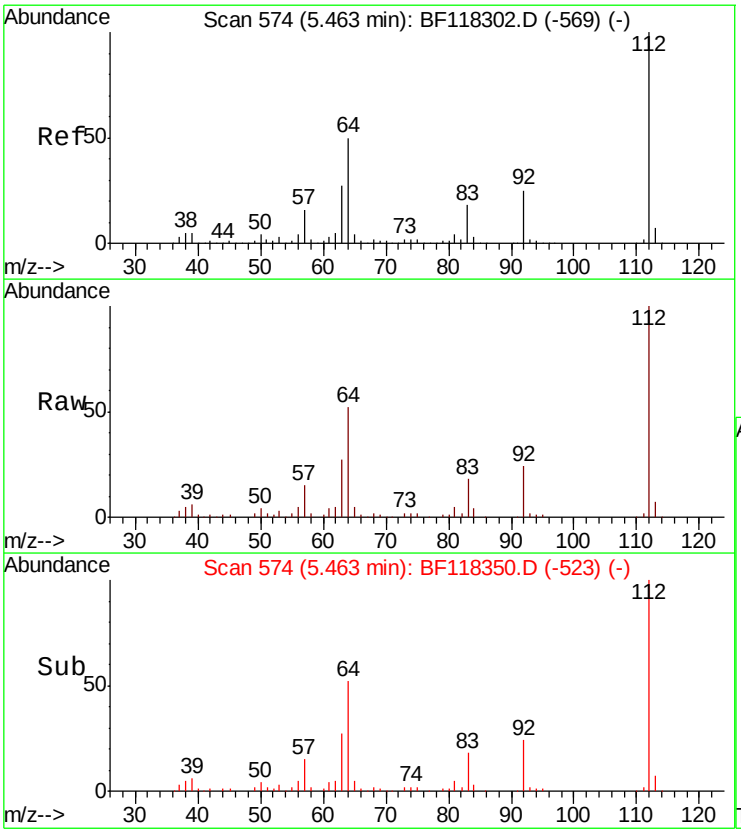
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF118350.D
Acq: 27 Dec 2019 21:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 135606

Ion	Ratio	Lower	Upper
152	100		
150	159.5	125.4	188.2
115	62.0	50.2	75.4

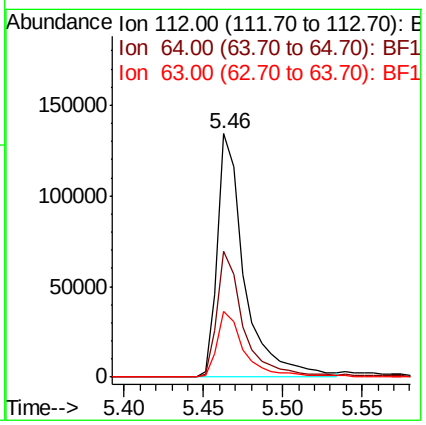


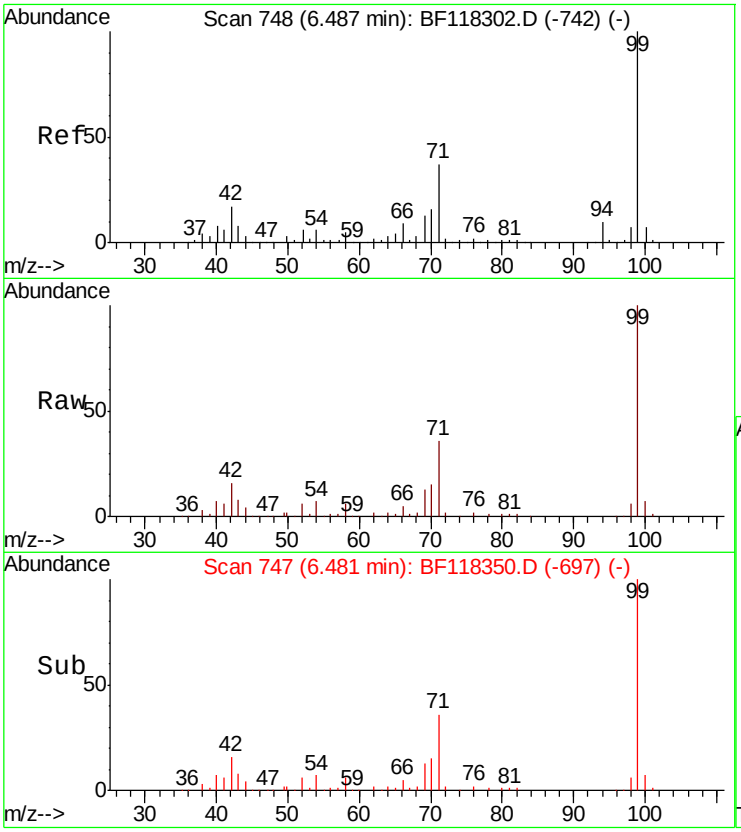


#5
2-Fluorophenol
Concen: 20.083 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.00 min
Lab File: BF118350.D
Acq: 27 Dec 2019 21:02

Tgt Ion:112 Resp: 159541

Ion	Ratio	Lower	Upper
112	100		
64	51.7	39.7	59.5
63	26.9	21.7	32.5



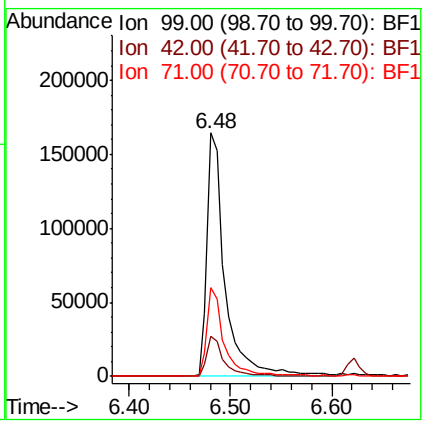


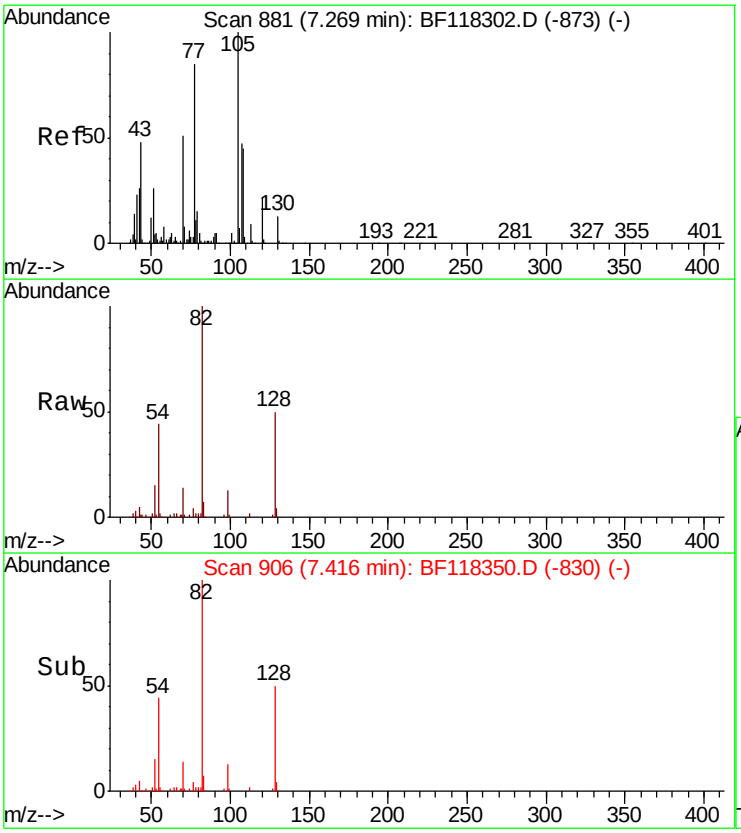
#7
Phenol-d6
Concen: 20.789 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF118350.D
Acq: 27 Dec 2019 21:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 204871

Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.5	20.3
71	36.4	29.4	44.2

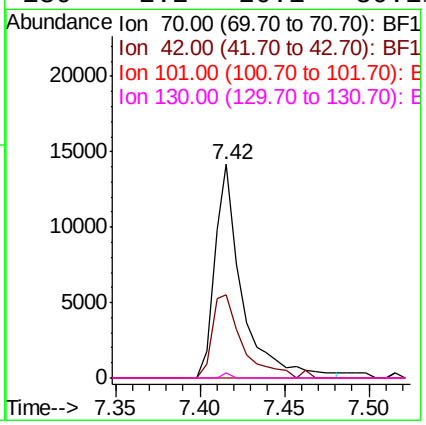


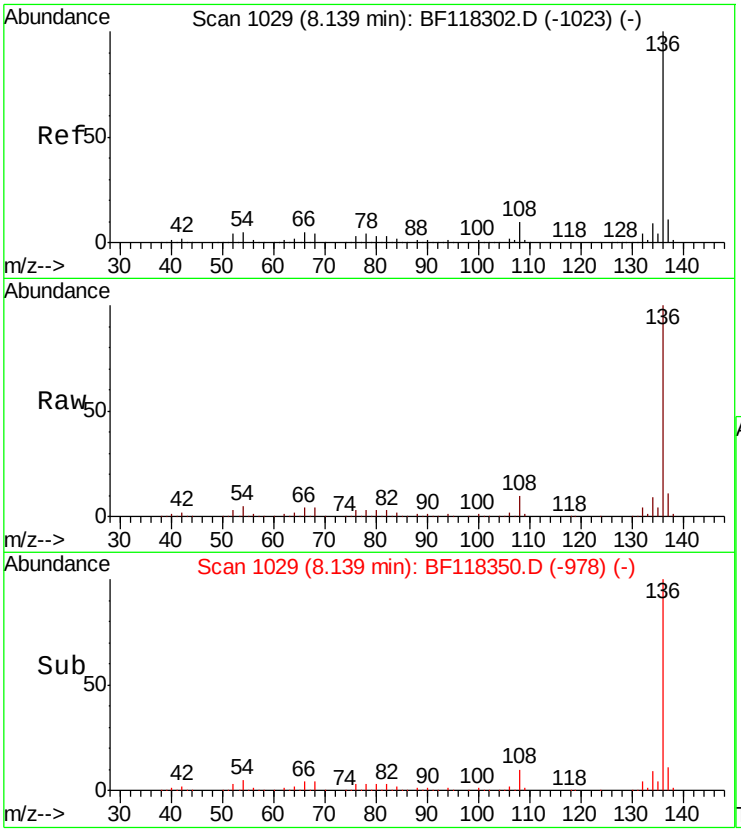


#19
n-Nitroso-di-n-propylamine
Concen: 2.614 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.15 min
Lab File: BF118350.D
Acq: 27 Dec 2019 21:02

Tgt Ion: 70 Resp: 15872

Ion	Ratio	Lower	Upper
70	100		
42	38.9	41.1	61.7#
101	0.0	8.3	12.5#
130	2.2	20.1	30.1#



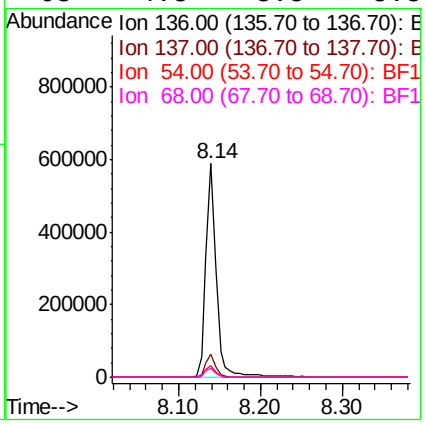


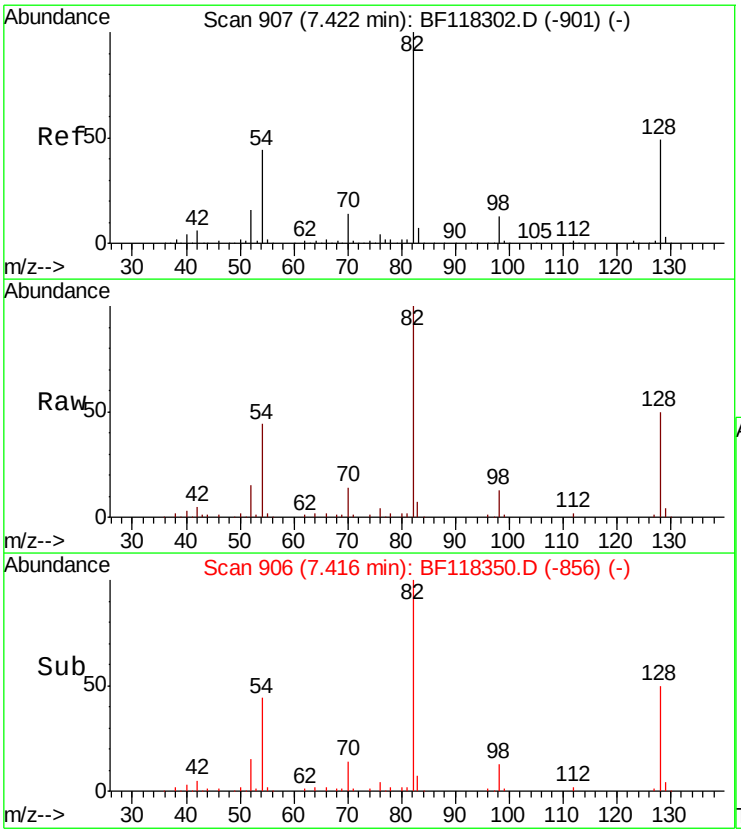
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF118350.D
Acq: 27 Dec 2019 21:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 522564

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	5.5	4.2	6.4
68	4.3	3.5	5.3

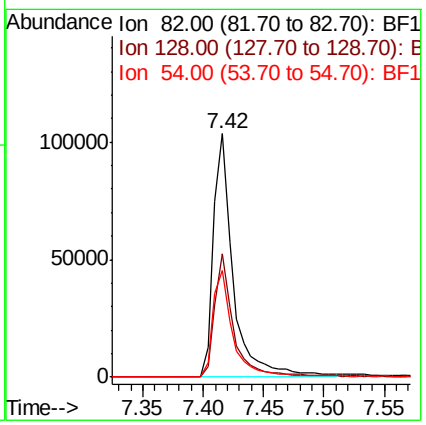


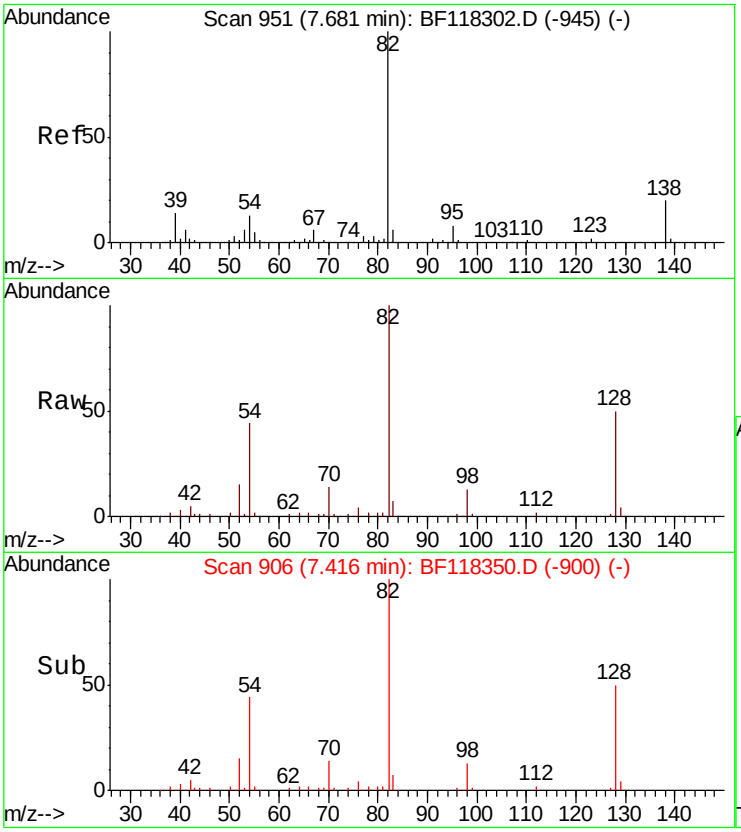


#23
Nitrobenzene-d5
Concen: 12.752 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF118350.D
Acq: 27 Dec 2019 21:02

Tgt Ion: 82 Resp: 116509

Ion	Ratio	Lower	Upper
82	100		
128	50.4	39.6	59.4
54	43.6	34.9	52.3



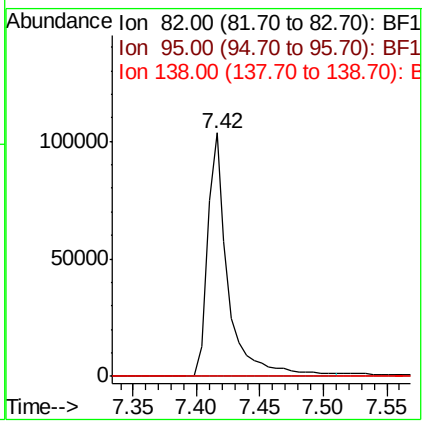


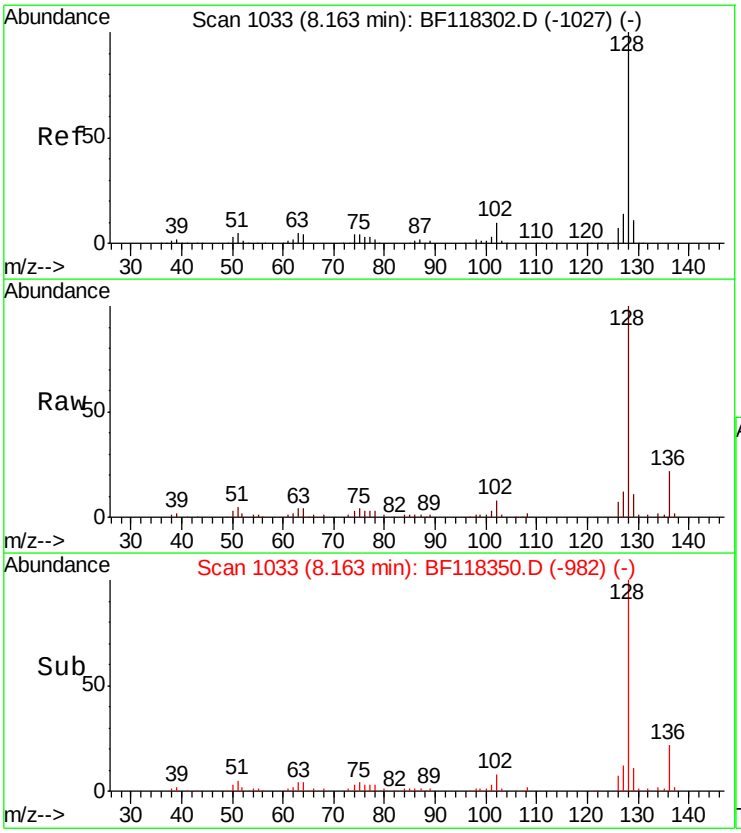
#25
Isophorone
Concen: 7.317 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.26 min
Lab File: BF118350.D
Acq: 27 Dec 2019 21:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 116508

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.3	9.5#
138	0.0	16.2	24.2#

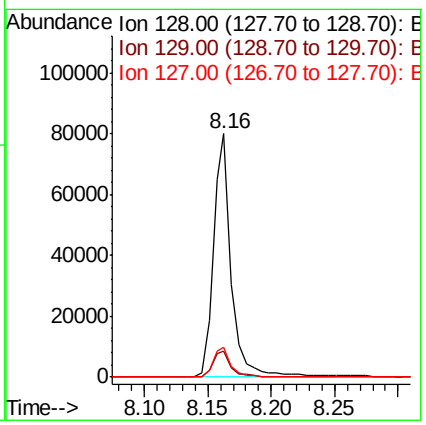


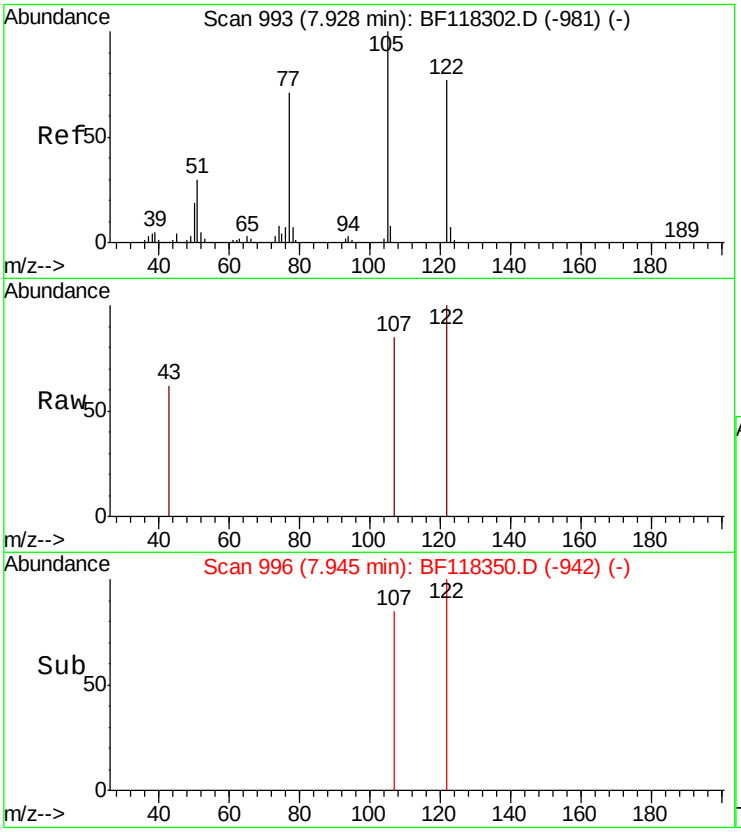


#31
Naphthalene
Concen: 2.982 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF118350.D
Acq: 27 Dec 2019 21:02

Tgt Ion:128 Resp: 79195

Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.0	13.4
127	12.3	11.0	16.4



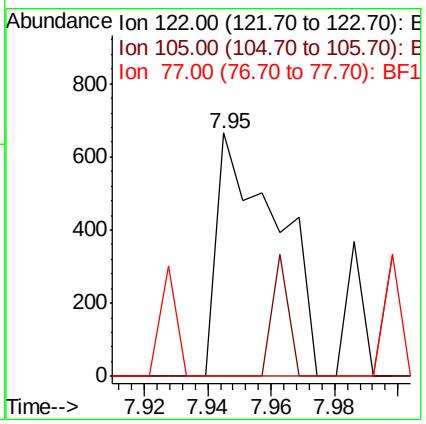


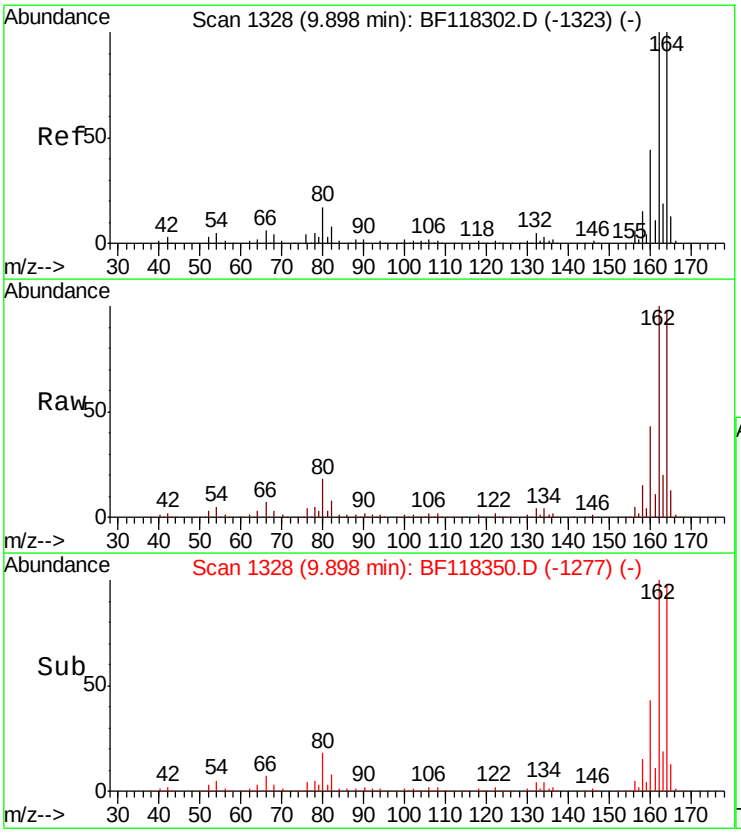
#32
Benzoic acid
Concen: 5.815 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.02 min
Lab File: BF118350.D
Acq: 27 Dec 2019 21:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 874

Ion	Ratio	Lower	Upper
122	100		
105	0.0	106.8	146.8#
77	0.0	70.4	110.4#

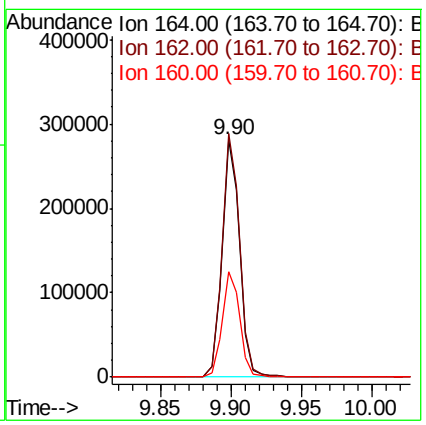


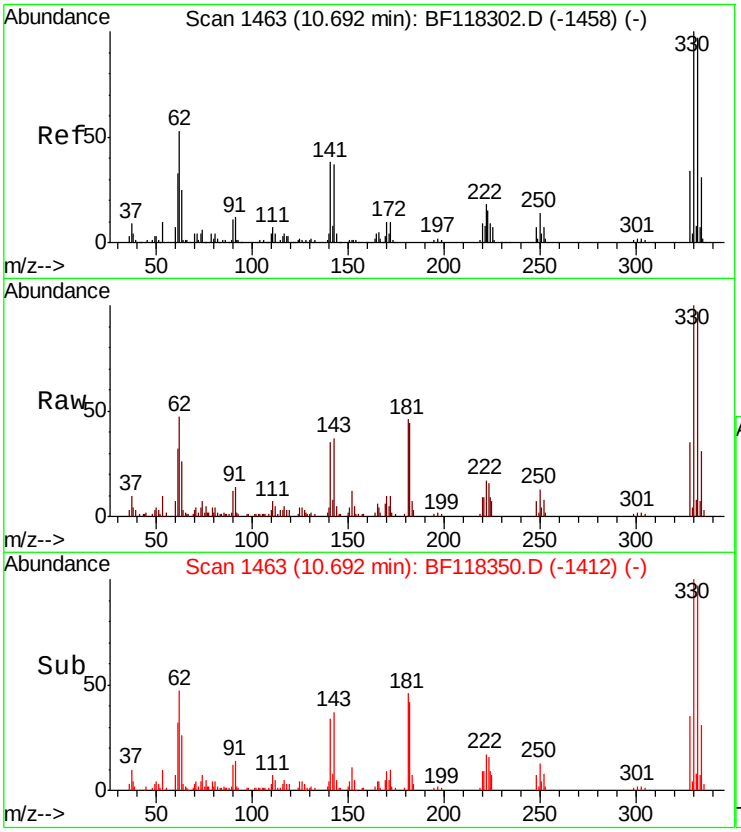


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BF118350.D
Acq: 27 Dec 2019 21:02

Tgt Ion:164 Resp: 243089

Ion	Ratio	Lower	Upper
164	100		
162	102.5	80.0	120.0
160	44.4	34.8	52.2



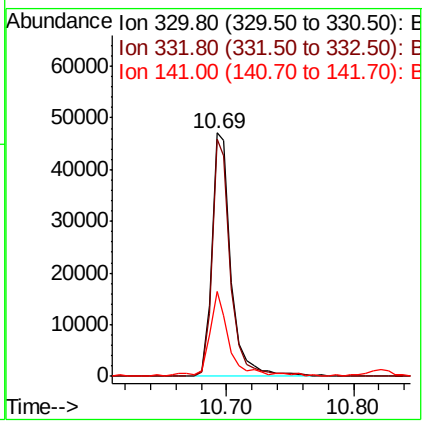


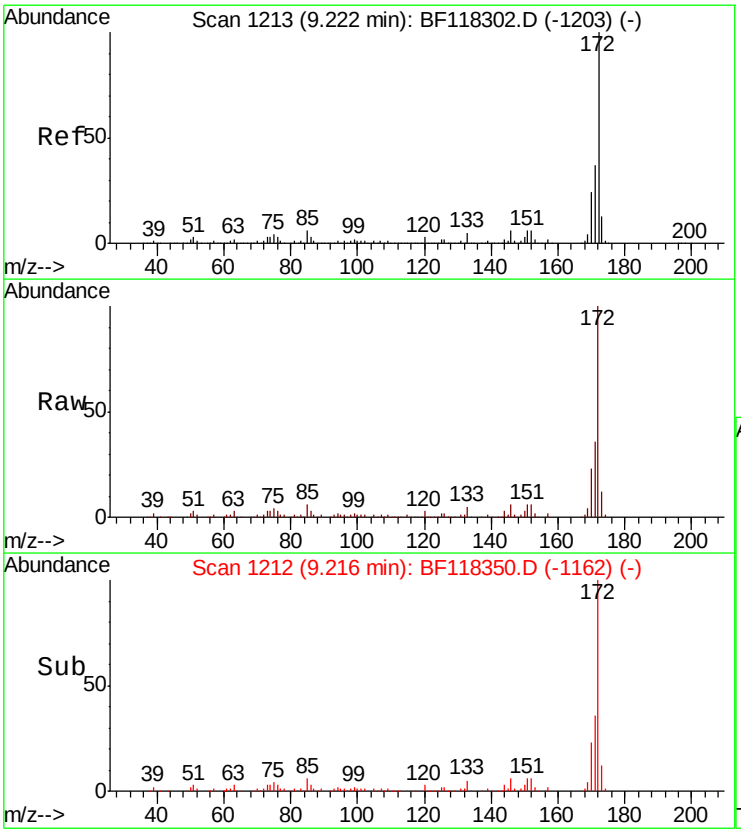
#42
2,4,6-Tribromophenol
Concen: 16.732 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.00 min
Lab File: BF118350.D
Acq: 27 Dec 2019 21:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 50230

Ion	Ratio	Lower	Upper
330	100		
332	93.4	76.6	114.8
141	36.2	26.0	39.0

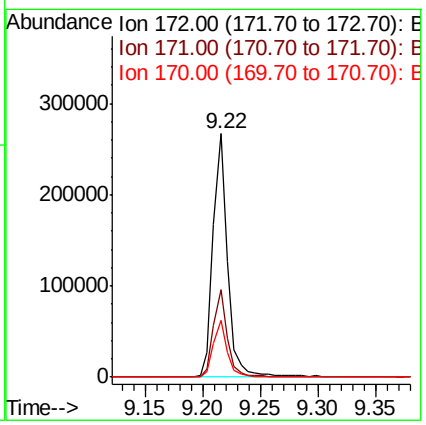


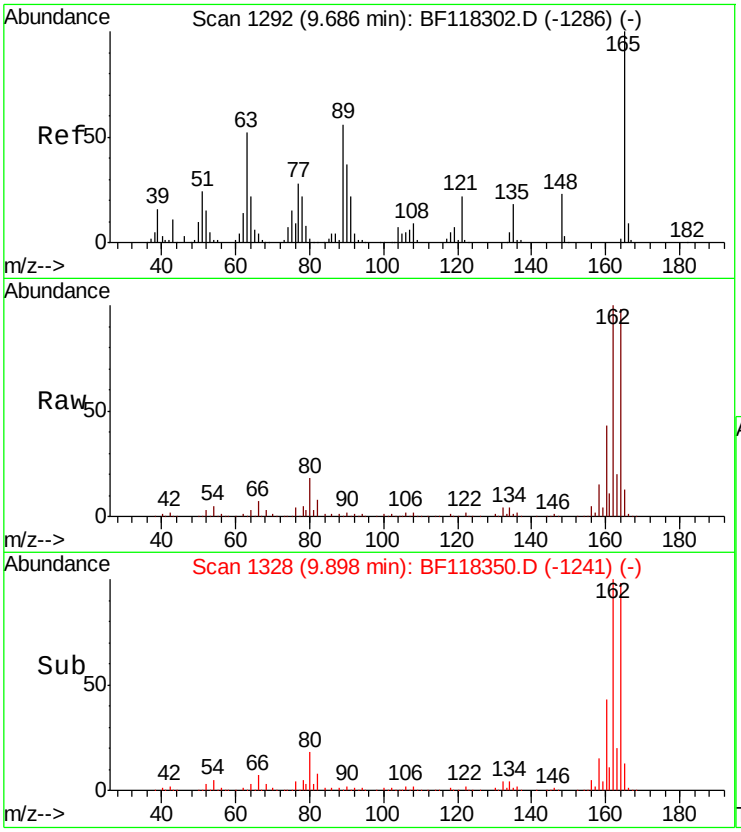


#45
2-Fluorobiphenyl
Concen: 14.723 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF118350.D
Acq: 27 Dec 2019 21:02

Tgt Ion:172 Resp: 234457

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.3	43.9
170	23.4	19.2	28.8



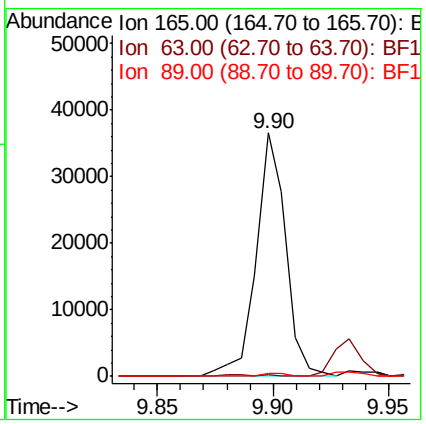


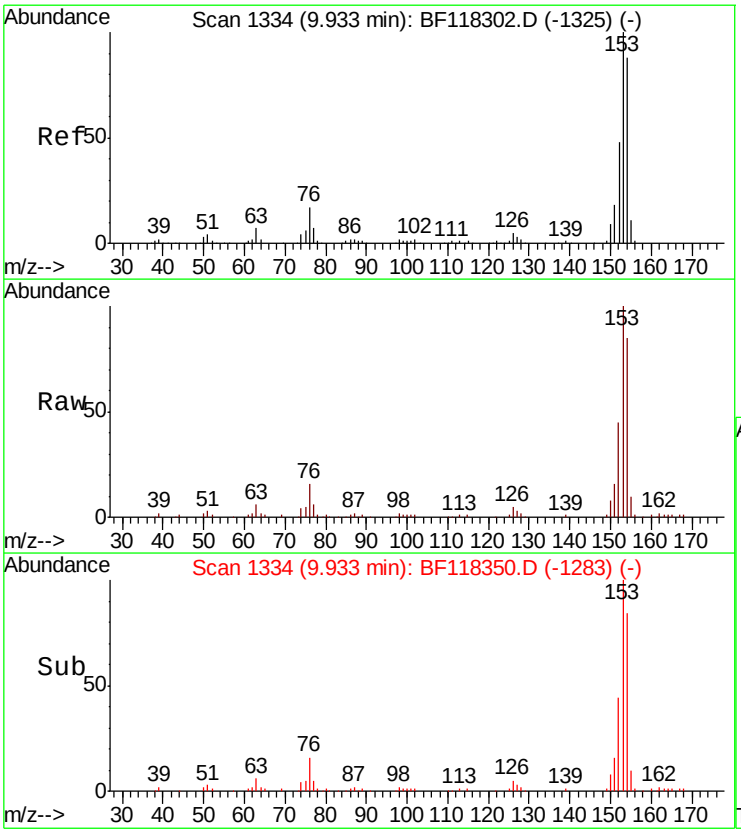
#51
2,6-Dinitrotoluene
Concen: 8.284 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.21 min
Lab File: BF118350.D
Acq: 27 Dec 2019 21:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 32589

Ion	Ratio	Lower	Upper
165	100		
63	0.9	42.2	63.4#
89	1.4	44.4	66.6#

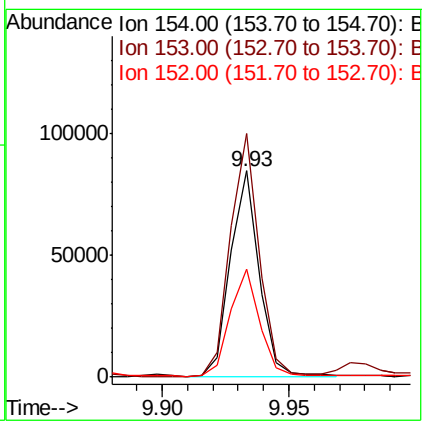


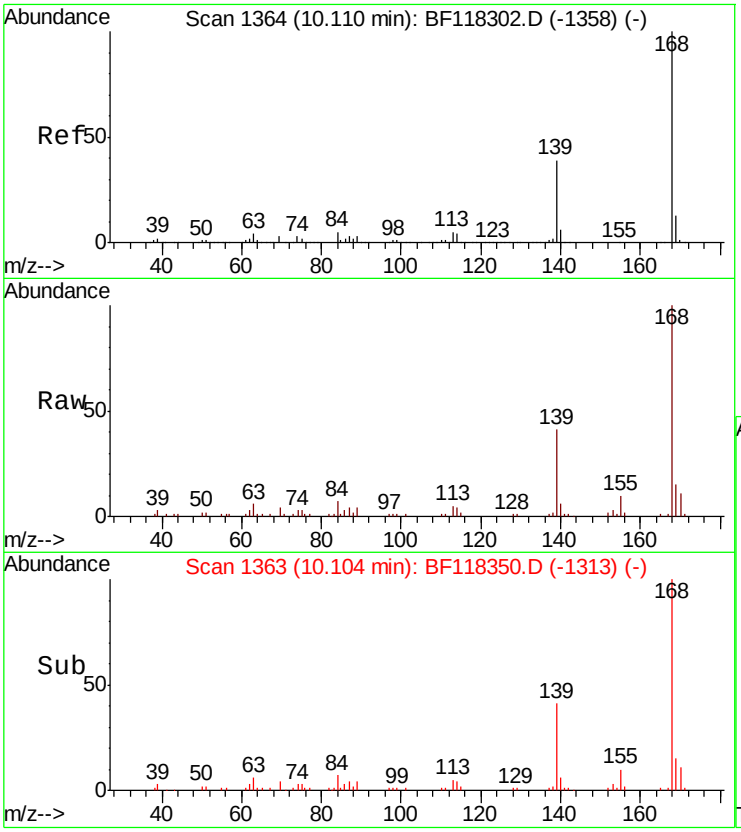


#52
Acenaphthene
Concen: 4.790 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF118350.D
Acq: 27 Dec 2019 21:02

Tgt Ion:154 Resp: 66967

Ion	Ratio	Lower	Upper
154	100		
153	118.0	90.6	136.0
152	52.6	43.1	64.7



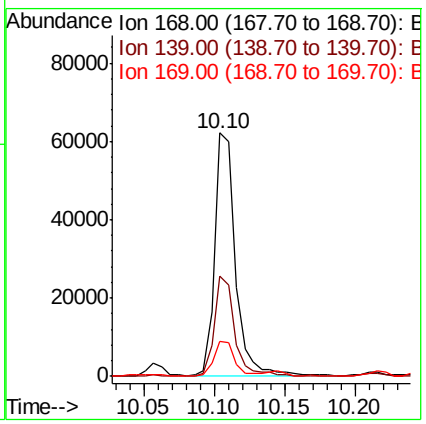


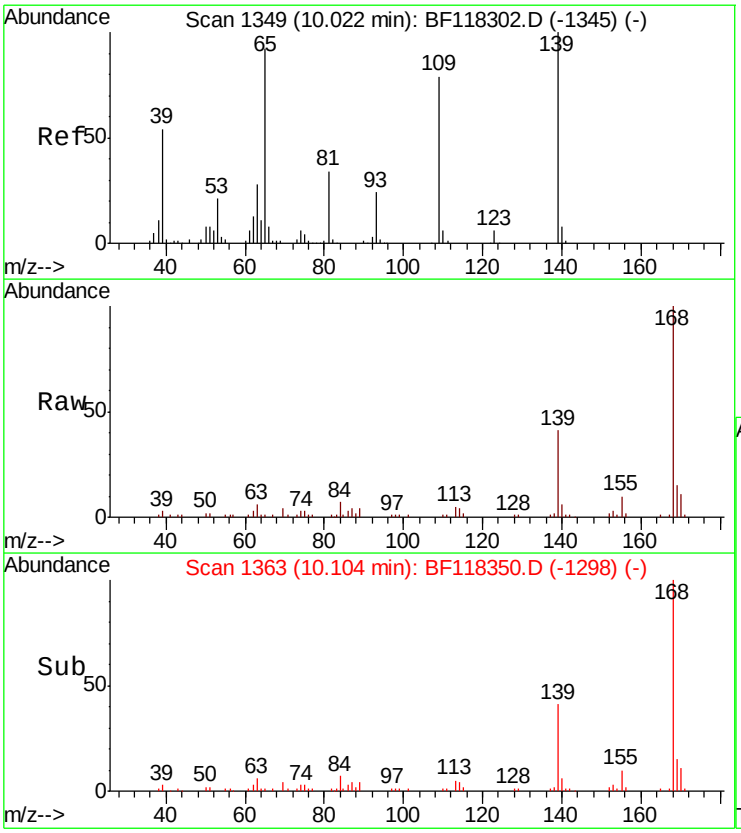
#55
Dibenzofuran
Concen: 3.104 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF118350.D
Acq: 27 Dec 2019 21:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 64123

Ion	Ratio	Lower	Upper
168	100		
139	41.0	31.5	47.3
169	14.6	10.4	15.6

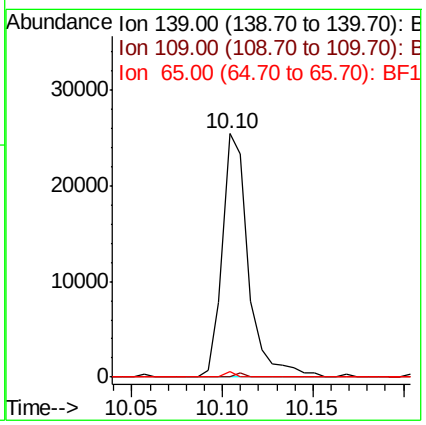


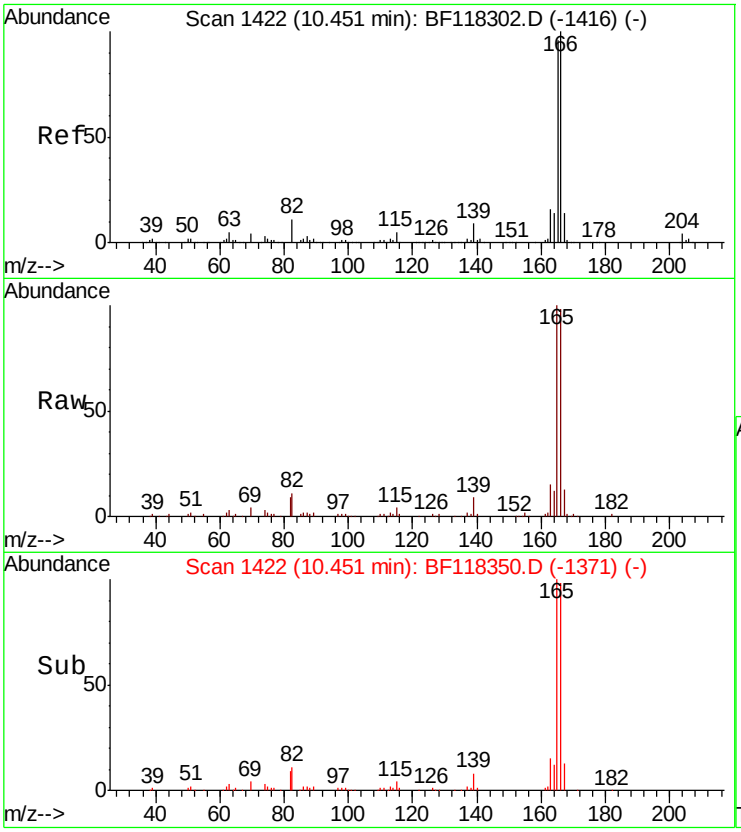


#56
4-Nitrophenol
Concen: 8.983 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.08 min
Lab File: BF118350.D
Acq: 27 Dec 2019 21:02

Tgt Ion:139 Resp: 25606

Ion	Ratio	Lower	Upper
139	100		
109	0.0	59.3	99.3#
65	2.2	72.4	112.4#



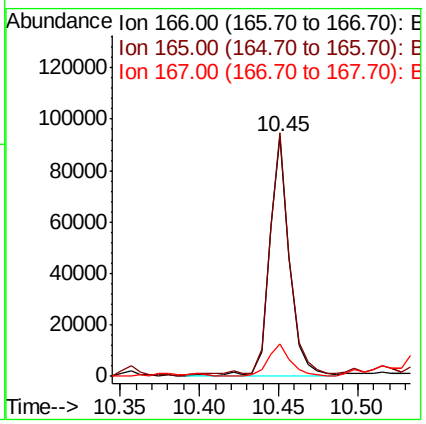


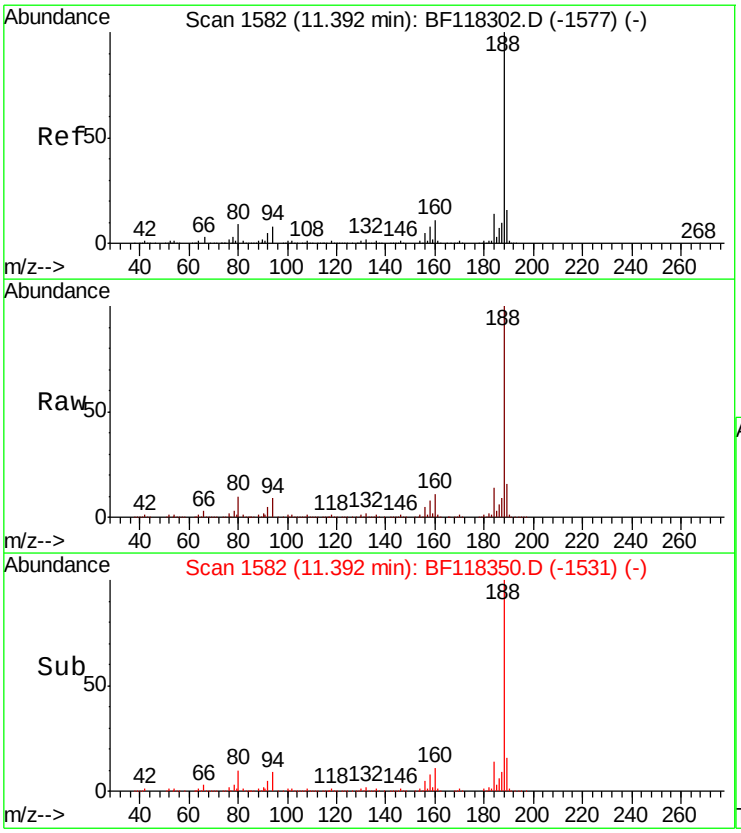
#58
Fluorene
Concen: 4.952 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BF118350.D
Acq: 27 Dec 2019 21:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 82573

Ion	Ratio	Lower	Upper
166	100		
165	101.7	77.0	115.4
167	13.4	10.9	16.3

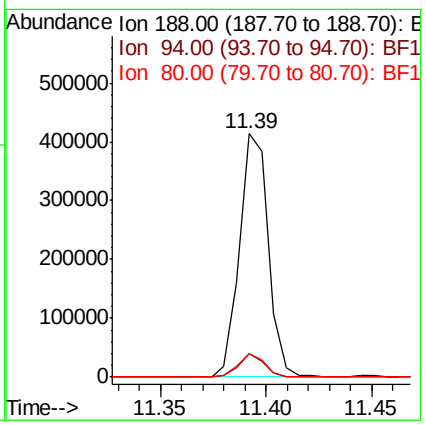


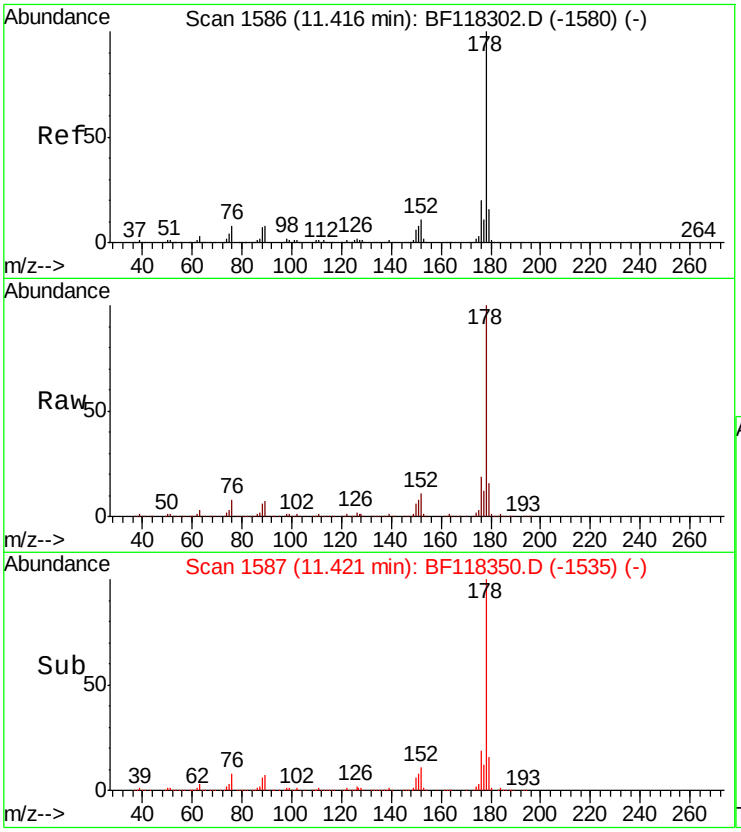


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BF118350.D
Acq: 27 Dec 2019 21:02

Tgt Ion:188 Resp: 390372

Ion	Ratio	Lower	Upper
188	100		
94	9.5	6.7	10.1
80	9.8	7.2	10.8



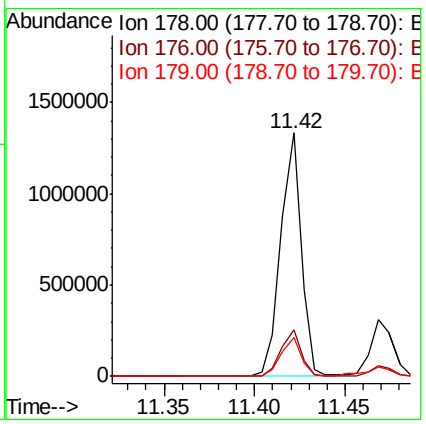


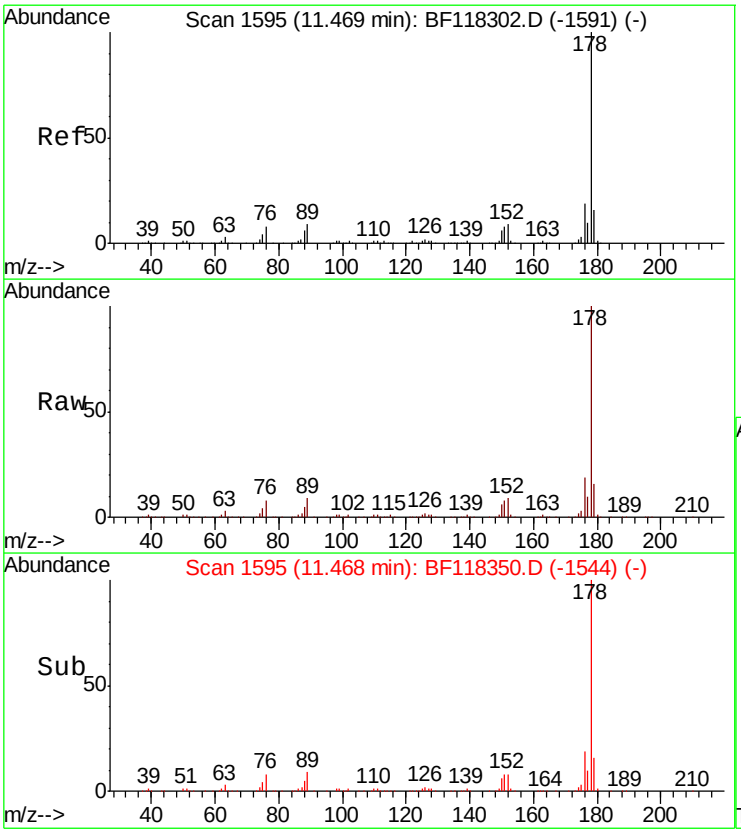
#71
Phenanthrene
Concen: 49.473 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF118350.D
Acq: 27 Dec 2019 21:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 1052832

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.6	23.4
179	15.9	12.6	19.0

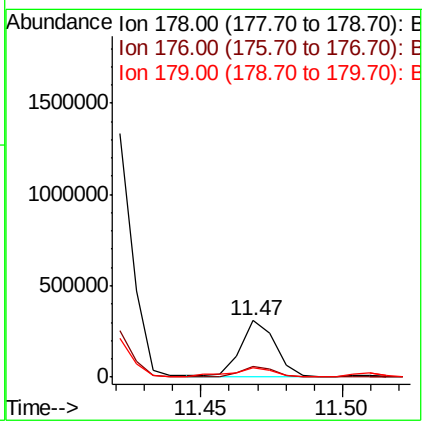


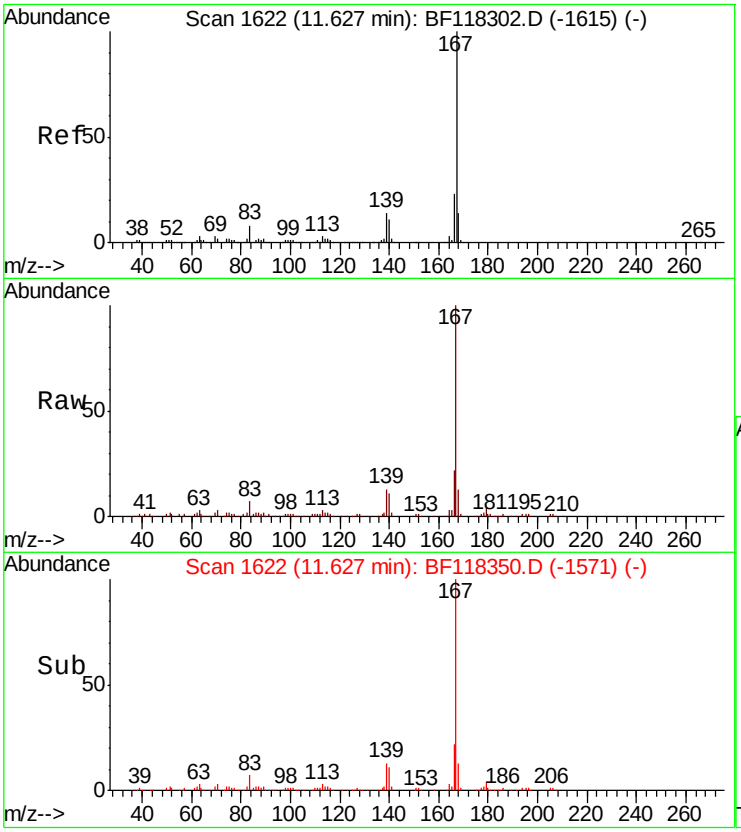


#72
Anthracene
Concen: 12.394 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.00 min
Lab File: BF118350.D
Acq: 27 Dec 2019 21:02

Tgt Ion:178 Resp: 263997

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.2	22.8
179	16.4	12.9	19.3



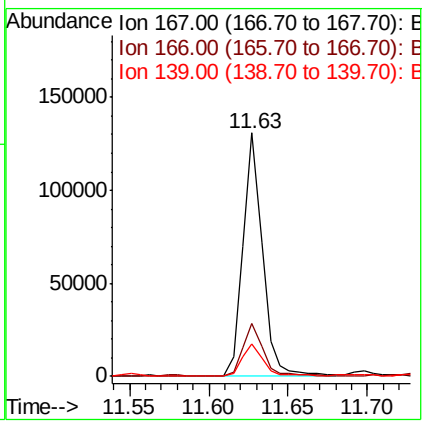


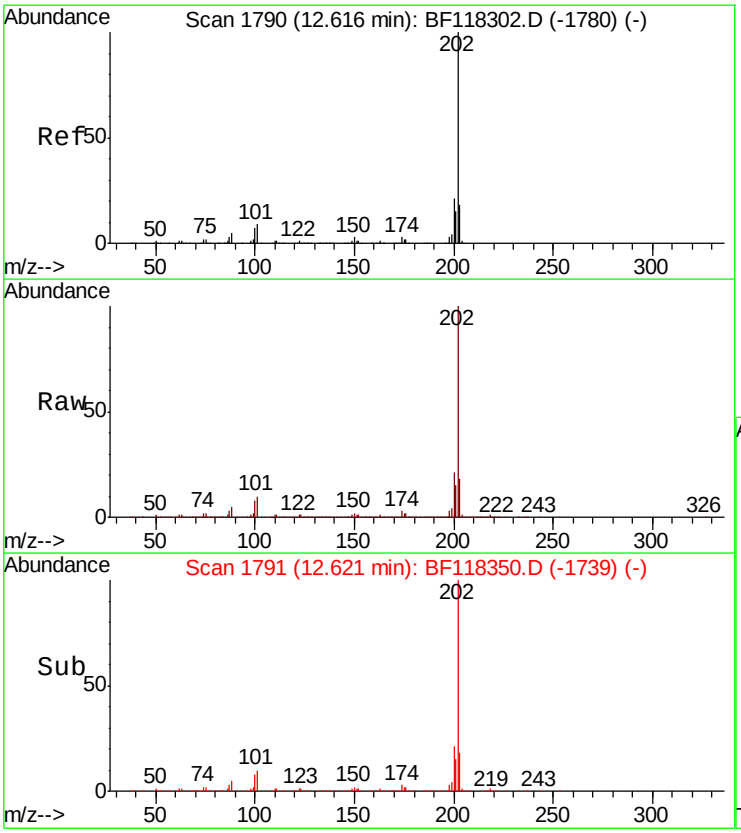
#73
Carbazole
Concen: 5.975 ng
RT: 11.63 min Scan# 1622
Delta R.T. -0.00 min
Lab File: BF118350.D
Acq: 27 Dec 2019 21:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 112940

Ion	Ratio	Lower	Upper
167	100		
166	21.8	18.1	27.1
139	13.1	11.5	17.3

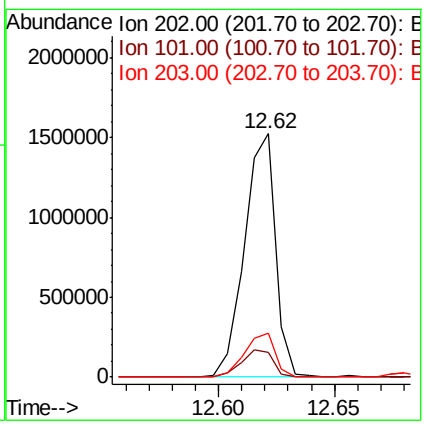


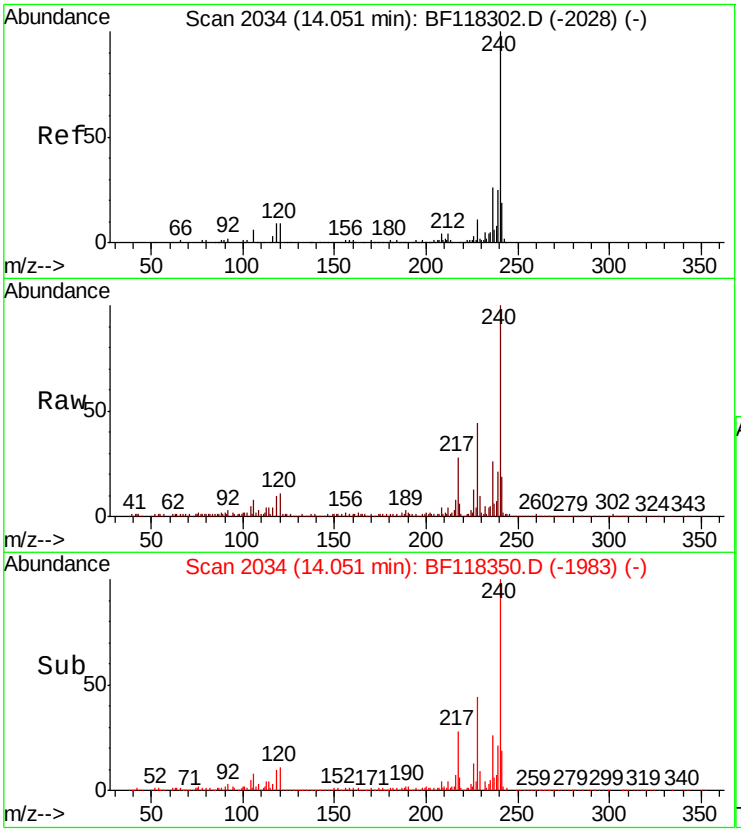


#75
Fluoranthene
Concen: 66.783 ng
RT: 12.62 min Scan# 1791
Delta R.T. 0.01 min
Lab File: BF118350.D
Acq: 27 Dec 2019 21:02

Tgt Ion:202 Resp: 1434307

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	29.5
203	18.0	0.0	37.6



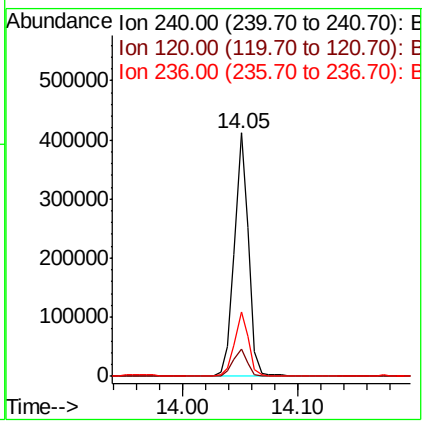


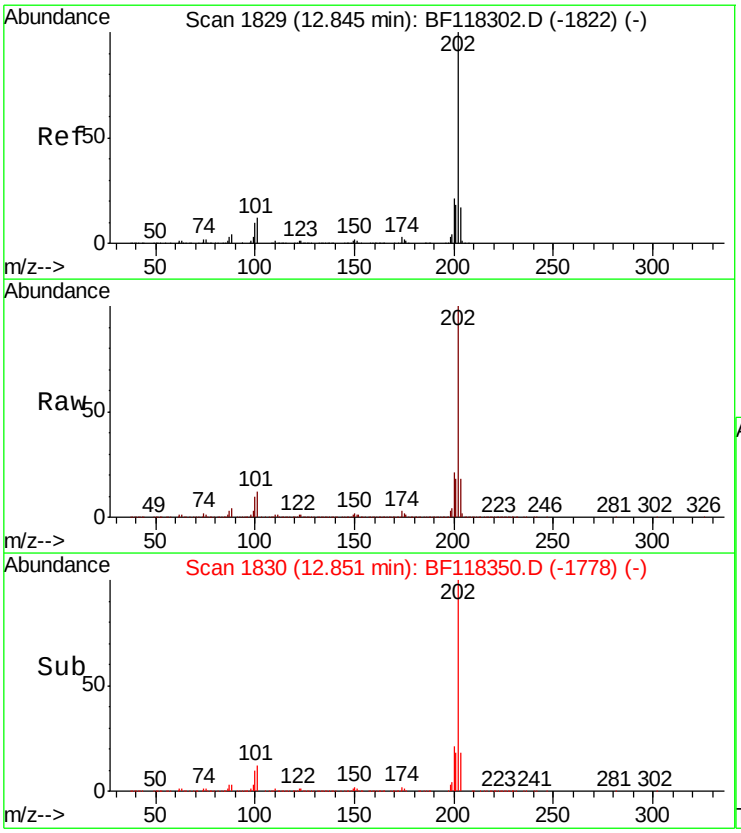
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BF118350.D
Acq: 27 Dec 2019 21:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 344507

Ion	Ratio	Lower	Upper
240	100		
120	11.3	7.1	10.7#
236	26.2	21.0	31.6

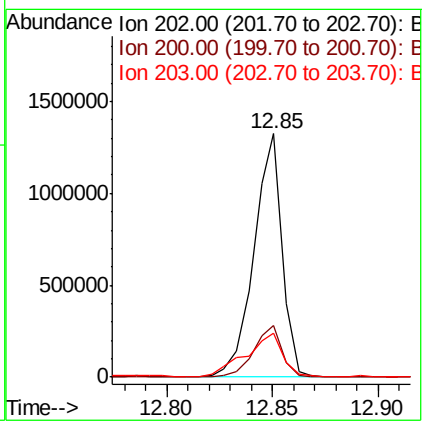


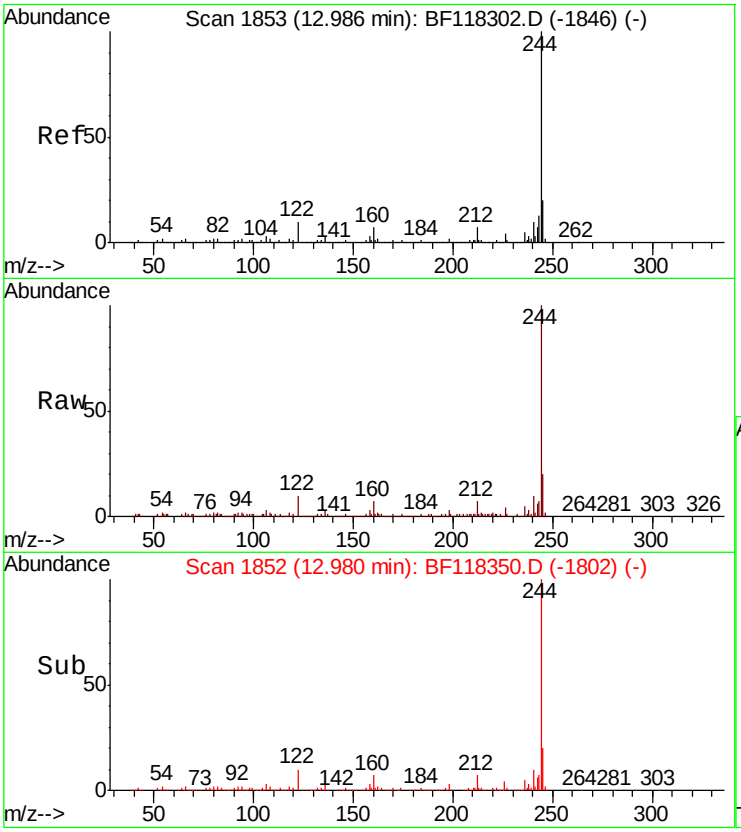


#78
Pyrene
Concen: 43.649 ng
RT: 12.85 min Scan# 1830
Delta R.T. 0.01 min
Lab File: BF118350.D
Acq: 27 Dec 2019 21:02

Tgt Ion:202 Resp: 1227966

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.8	25.2
203	18.1	13.9	20.9



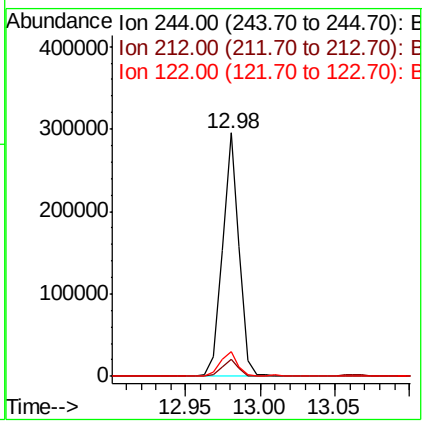


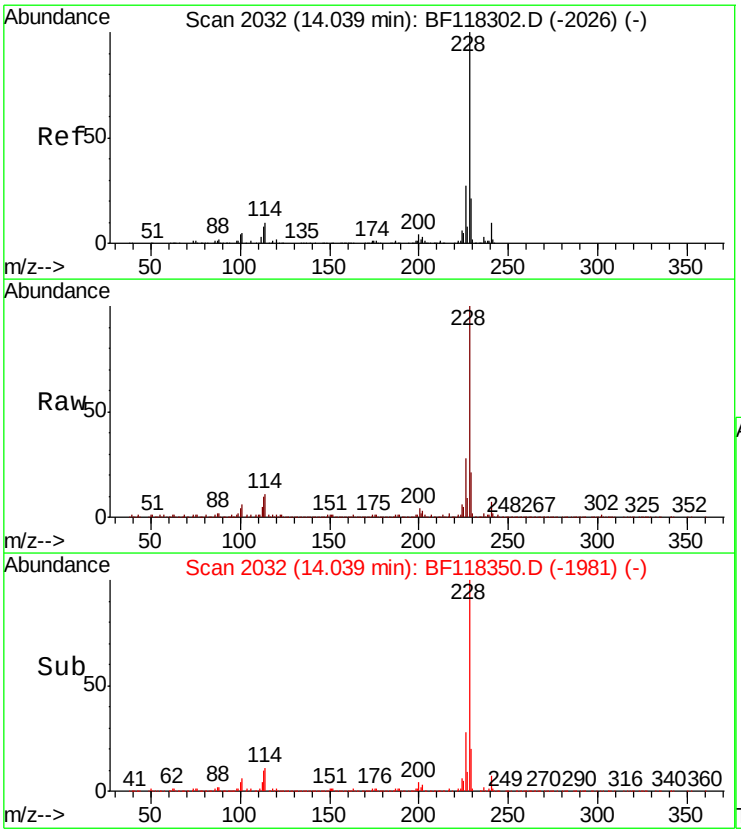
#79
Terphenyl-d14
Concen: 11.218 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BF118350.D
Acq: 27 Dec 2019 21:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 232940

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.2
122	10.4	7.8	11.8

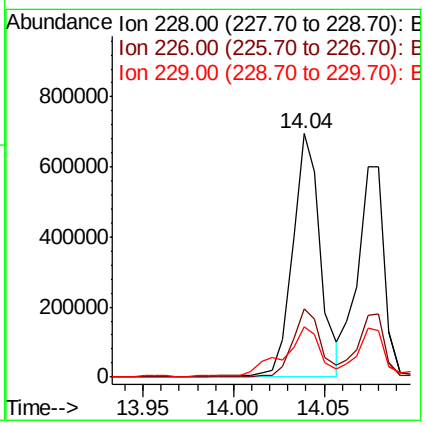


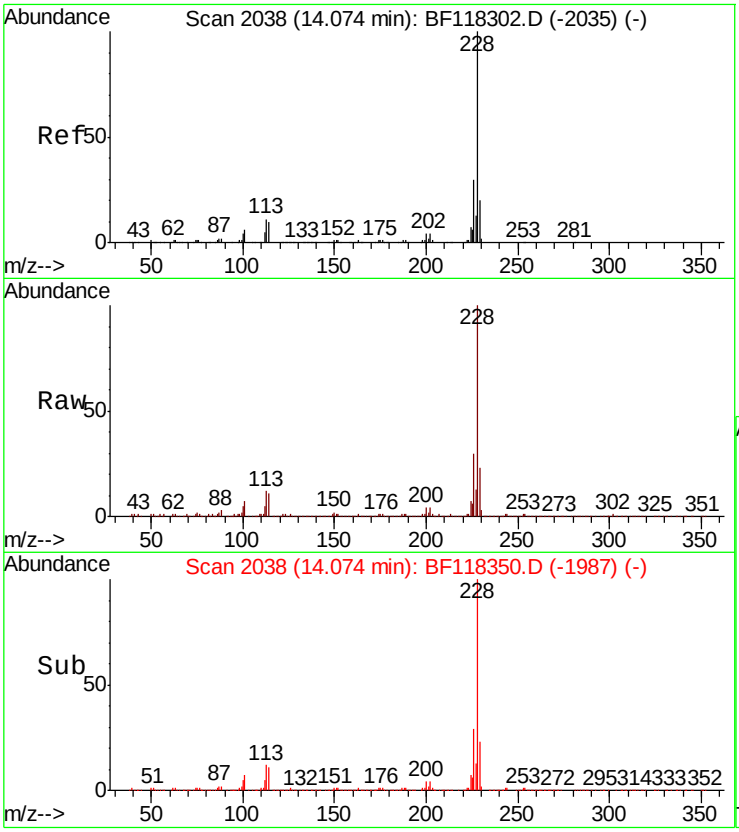


#81
Benzo(a)anthracene
Concen: 30.805 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BF118350.D
Acq: 27 Dec 2019 21:02

Tgt Ion:228 Resp: 742837

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.0	33.0
229	20.6	16.6	24.8



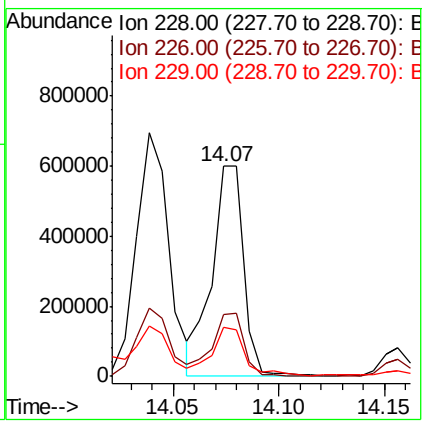


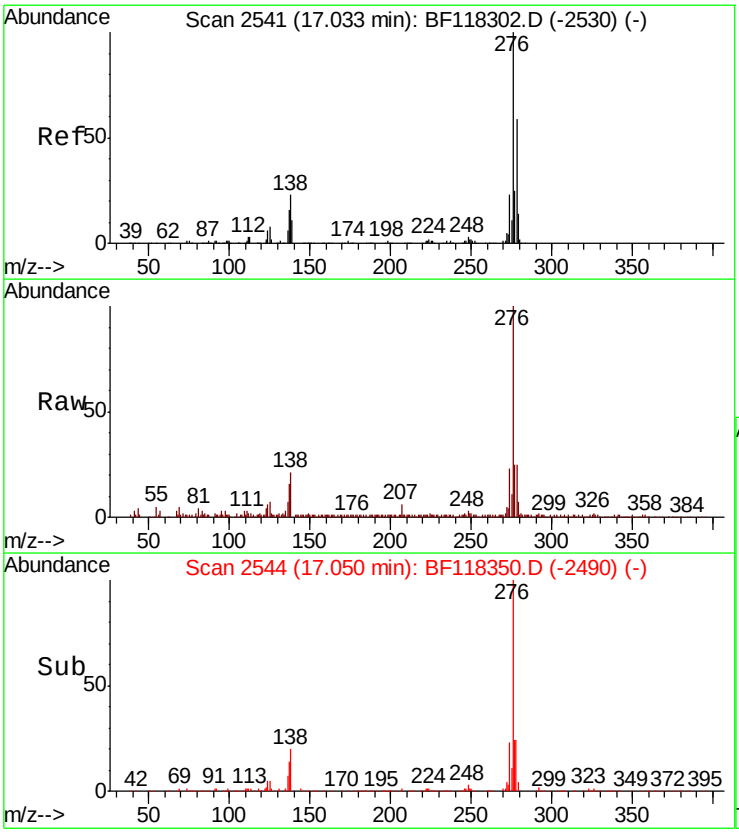
#83
Chrysene
Concen: 26.955 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BF118350.D
Acq: 27 Dec 2019 21:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 622393

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.9	35.9
229	23.1	16.1	24.1

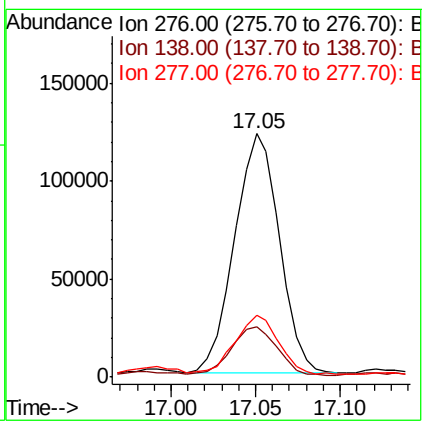


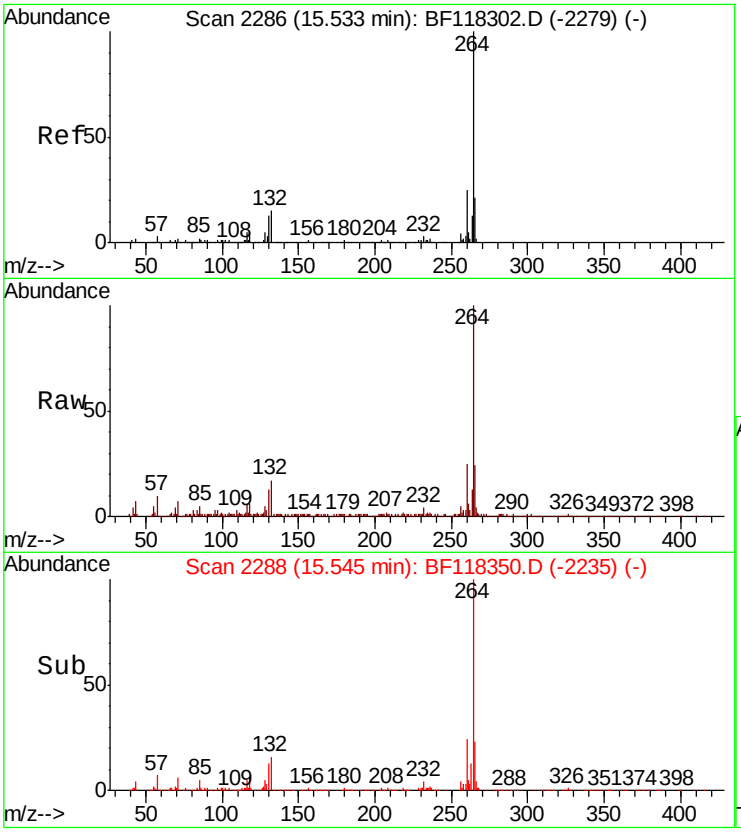


#86
Indeno(1,2,3-cd)pyrene
Concen: 11.414 ng
RT: 17.05 min Scan# 2544
Delta R.T. 0.02 min
Lab File: BF118350.D
Acq: 27 Dec 2019 21:02

Tgt Ion:276 Resp: 224556

Ion	Ratio	Lower	Upper
276	100		
138	21.2	19.5	29.3
277	24.5	20.6	30.8



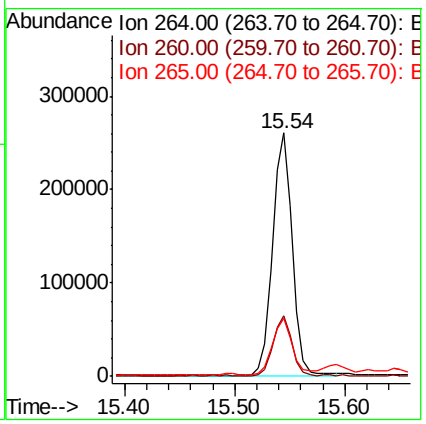


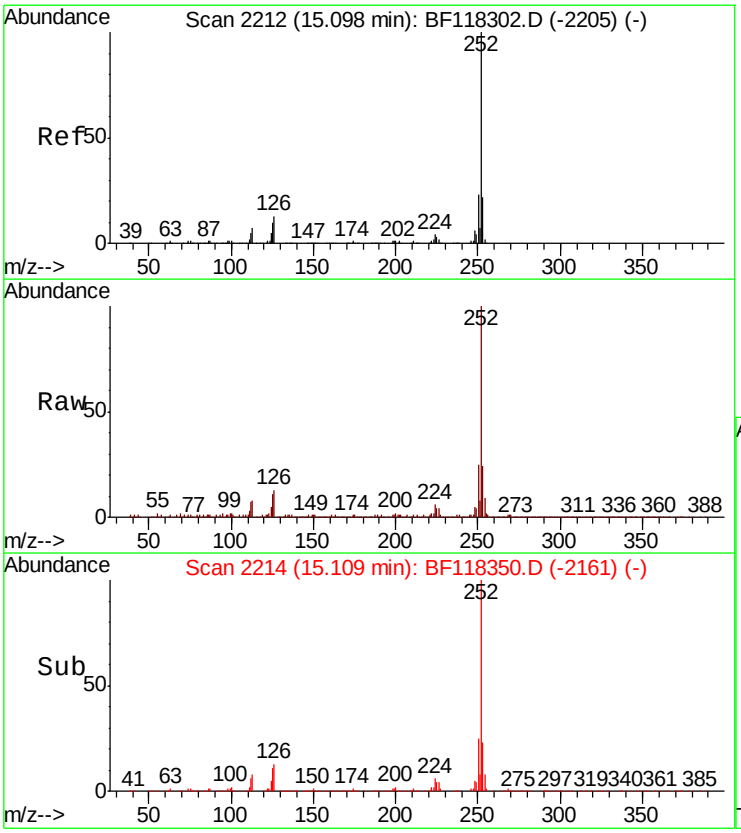
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.01 min
Lab File: BF118350.D
Acq: 27 Dec 2019 21:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 324754

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.8	29.6
265	23.8	17.0	25.4

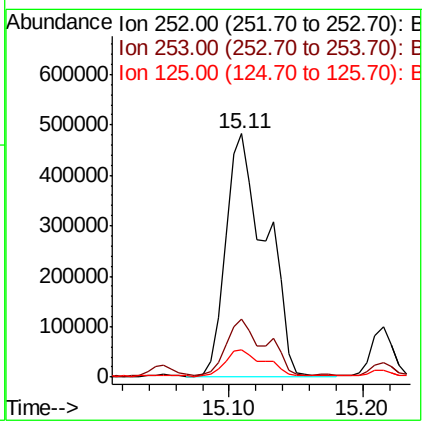


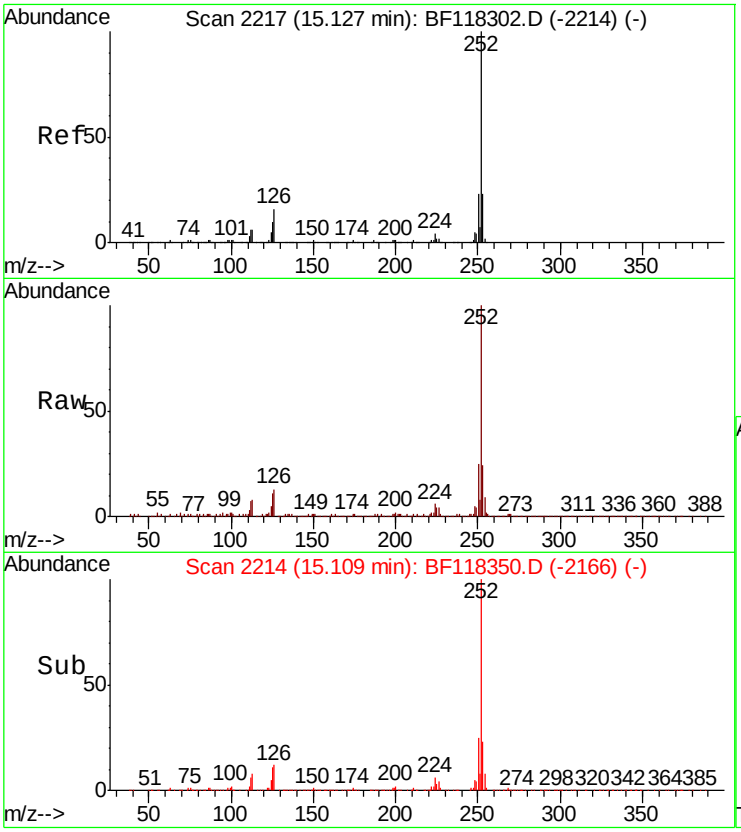


#88
Benzo(b)fluoranthene
Concen: 46.527 ng
RT: 15.11 min Scan# 2214
Delta R.T. 0.01 min
Lab File: BF118350.D
Acq: 27 Dec 2019 21:02

Tgt Ion:252 Resp: 1002991

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.5	26.3
125	11.4	7.7	11.5



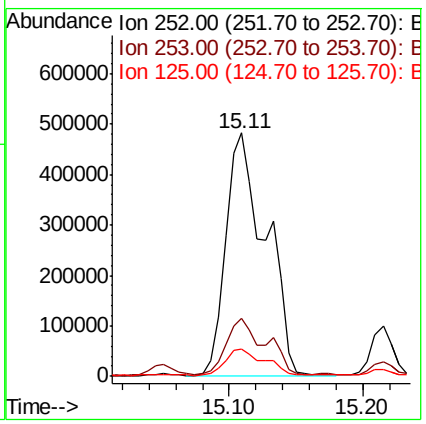


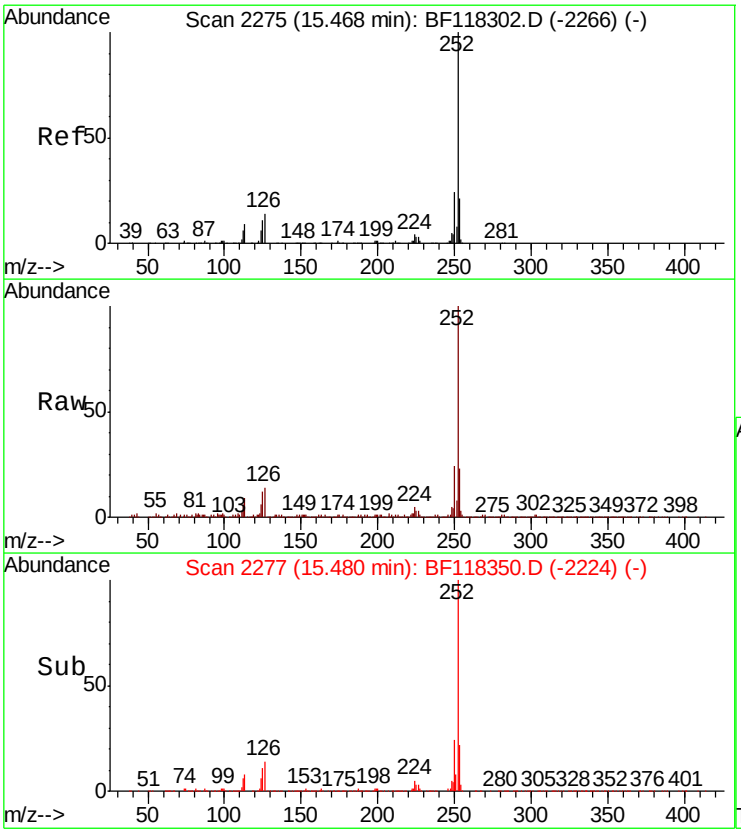
#89
Benzo(k)fluoranthene
Concen: 48.457 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BF118350.D
Acq: 27 Dec 2019 21:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 1002991

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.0	27.0
125	11.4	8.0	12.0

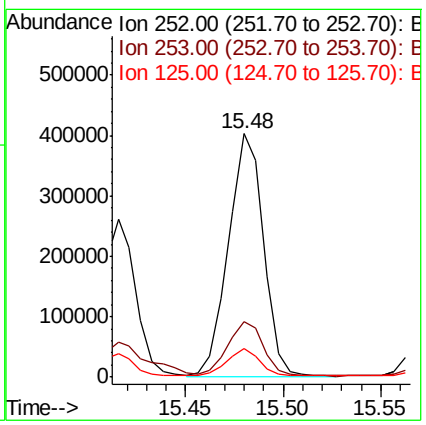


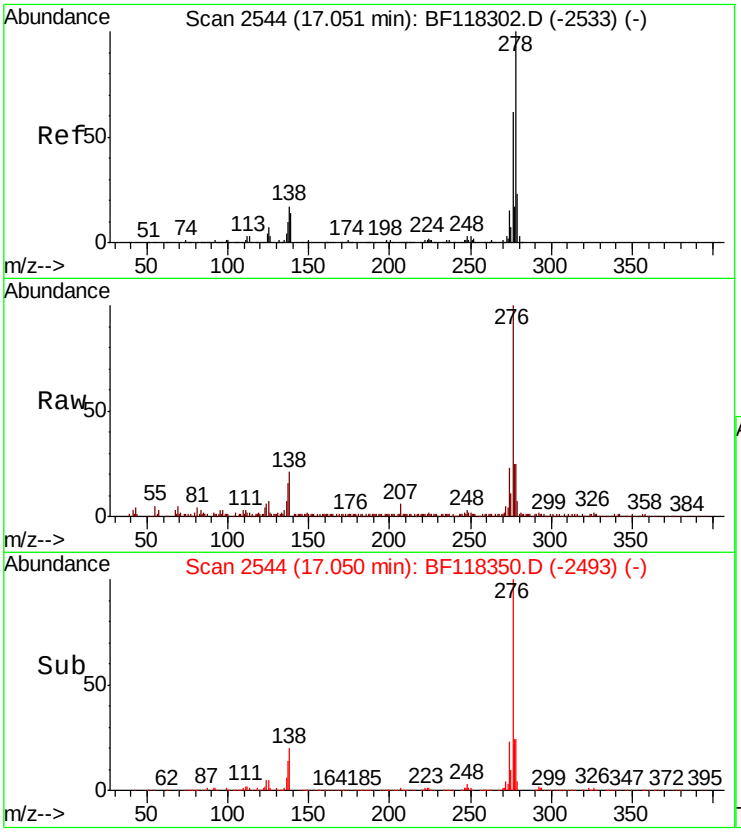


#90
Benzo(a)pyrene
Concen: 26.363 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.01 min
Lab File: BF118350.D
Acq: 27 Dec 2019 21:02

Tgt Ion:252 Resp: 500638

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.6
125	11.6	9.0	13.4



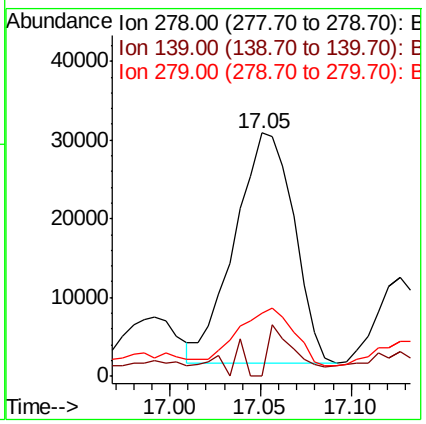


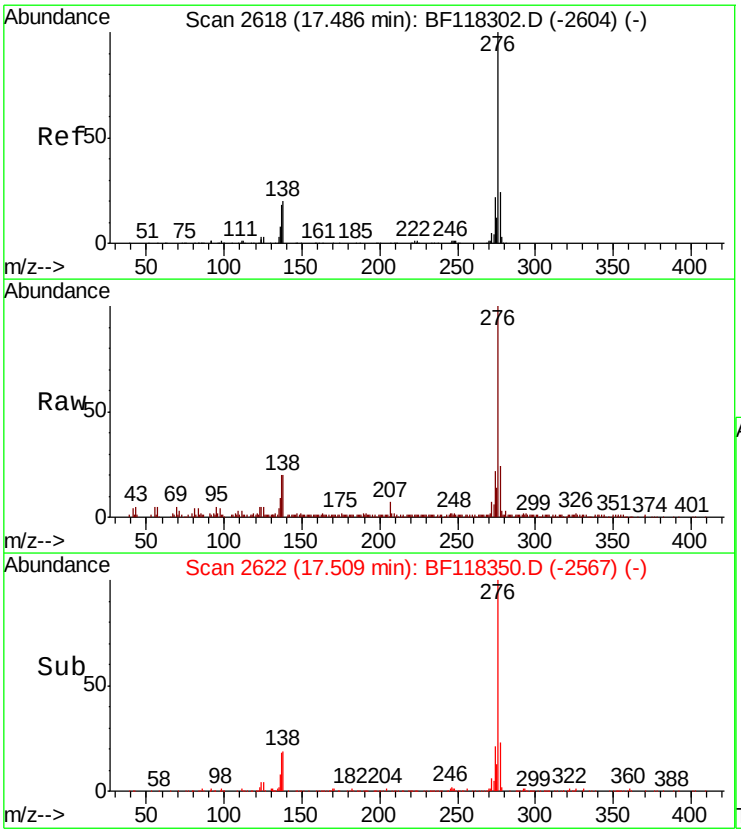
#91
Dibenzo(a,h)anthracene
Concen: 4.018 ng
RT: 17.05 min Scan# 2544
Delta R.T. -0.00 min
Lab File: BF118350.D
Acq: 27 Dec 2019 21:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 66218

Ion	Ratio	Lower	Upper
278	100		
139	0.0	11.5	17.3#
279	26.2	18.3	27.5





#92
Benzo(g,h,i)perylene
Concen: 12.780 ng
RT: 17.51 min Scan# 2622
Delta R.T. 0.02 min
Lab File: BF118350.D
Acq: 27 Dec 2019 21:02

Tgt Ion:276 Resp: 203449

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.1	28.7
138	20.2	16.1	24.1