Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052319\
Data File : BF114551.D
Acq On : 24 May 2019 3:45
Operator : JU/SJ
Sample : K3008-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 24 07:22:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 23 03:49:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	166699	20.00	ng		-0.03
21) Naphthalene-d8	8.09	136	646460	20.00	ng		-0.03
39) Acenaphthene-d10	9.85	164	317286	20.00	ng		-0.03
64) Phenanthrene-d10	11.33	188	615975	20.00	ng		-0.02
76) Chrysene-d12	13.98	240	394117	20.00	ng		-0.02
87) Perylene-d12	15.45	264	375304	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	681727	65.81	ng		-0.03
7) Phenol-d6	6.46	99	981922	80.15	ng		-0.03
23) Nitrobenzene-d5	7.37	82	597334	51.86	ng		-0.03
42) 2,4,6-Tribromophenol	10.64	330	189103	57.65	ng		-0.02
45) 2-Fluorobiphenyl	9.17	172	1068259	50.93	ng		-0.02
79) Terphenyl-d14	12.92	244	976997	51.10	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.37	70	79155	10.193	ng	#	75
25) Isophorone	7.37	82	597328	27.960	ng	#	64
32) Benzoic acid	7.91	122	660	7.109	ng	#	72
50) Dimethylphthalate	9.56	163	143873	6.177	ng		98
52) Acenaphthene	9.88	154	48418	2.515	ng		99
58) Fluorene	10.40	166	72057	3.304	ng		96
71) Phenanthrene	11.36	178	654657	21.845	ng		98
72) Anthracene	11.41	178	204718	6.801	ng		96
73) Carbazole	11.57	167	60703	2.115	ng		99
75) Fluoranthene	12.55	202	1088517	33.730	ng		99
78) Pyrene	12.78	202	1021880	32.231	ng		99
81) Benzo(a)anthracene	13.97	228	542485	21.281	ng		96
83) Chrysene	14.01	228	473200	18.937	ng		97
86) Indeno(1,2,3-cd)pyrene	16.92	276	209790	9.499	ng		96
88) Benzo(b)fluoranthene	15.03	252	795060	33.067	ng		98
89) Benzo(k)fluoranthene	15.03	252	795060	35.997	ng		99
90) Benzo(a)pyrene	15.39	252	446021	21.078	ng		96
91) Dibenzo(a,h)anthracene	16.92	278	52360	2.978	ng	#	85
92) Benzo(g,h,i)perylene	17.37	276	190417	10.806	ng		97

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

Quantitation Report (Not Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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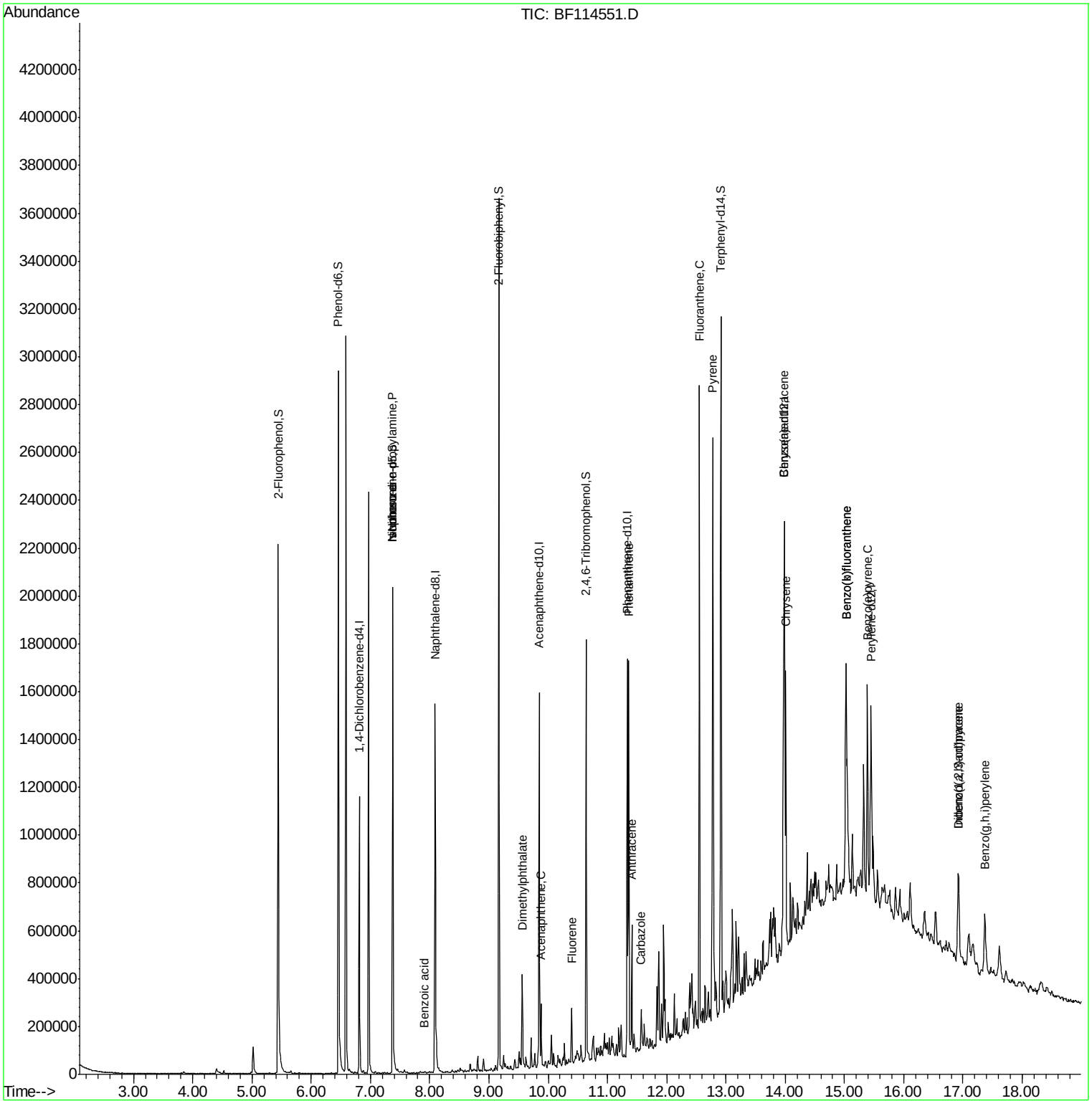
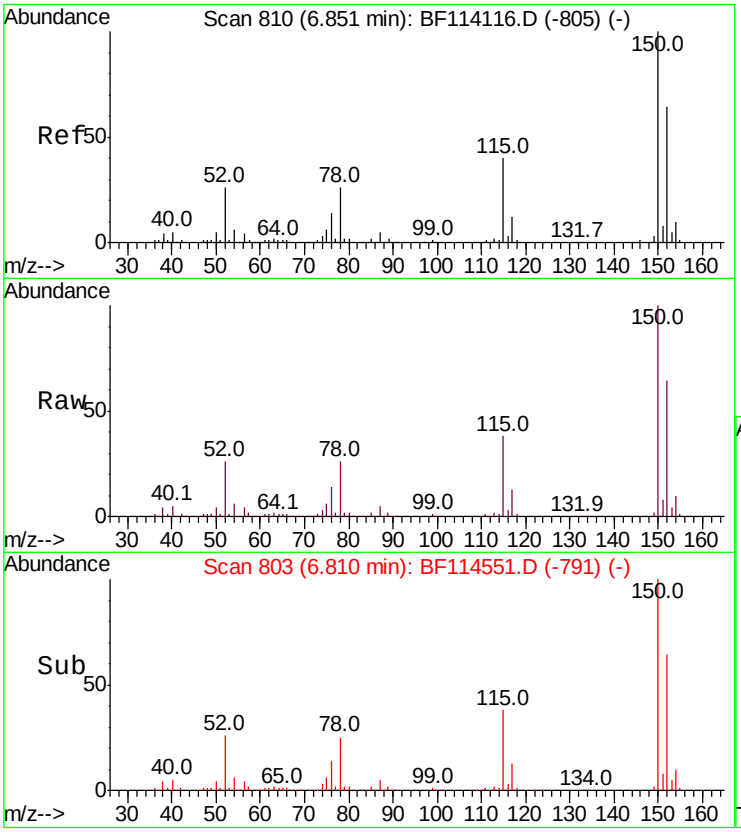


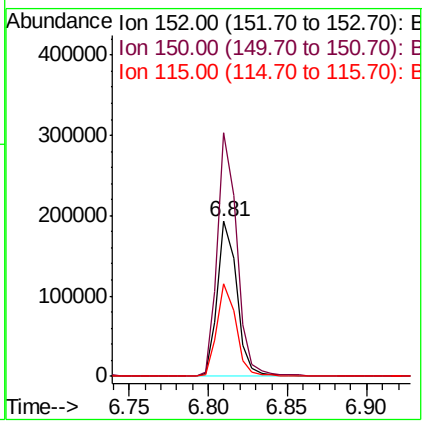


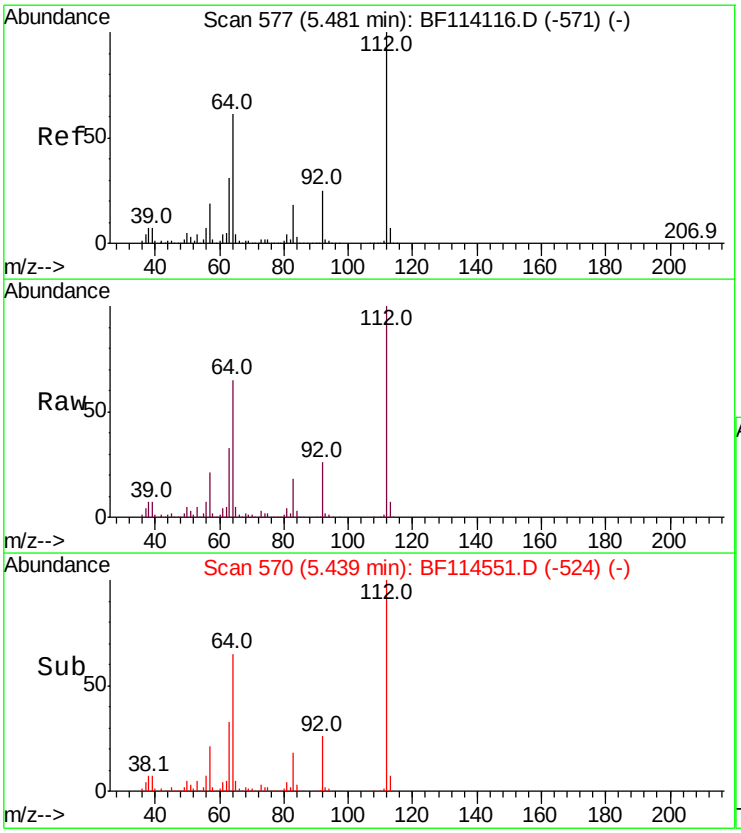
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.03 min
Lab File: BF114551.D
Acq: 24 May 2019 3:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 166699

Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.3	186.5
115	60.0	49.1	73.7

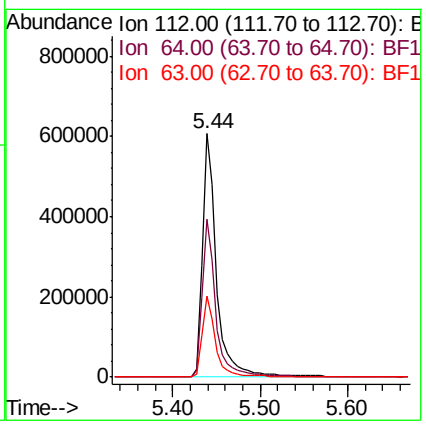


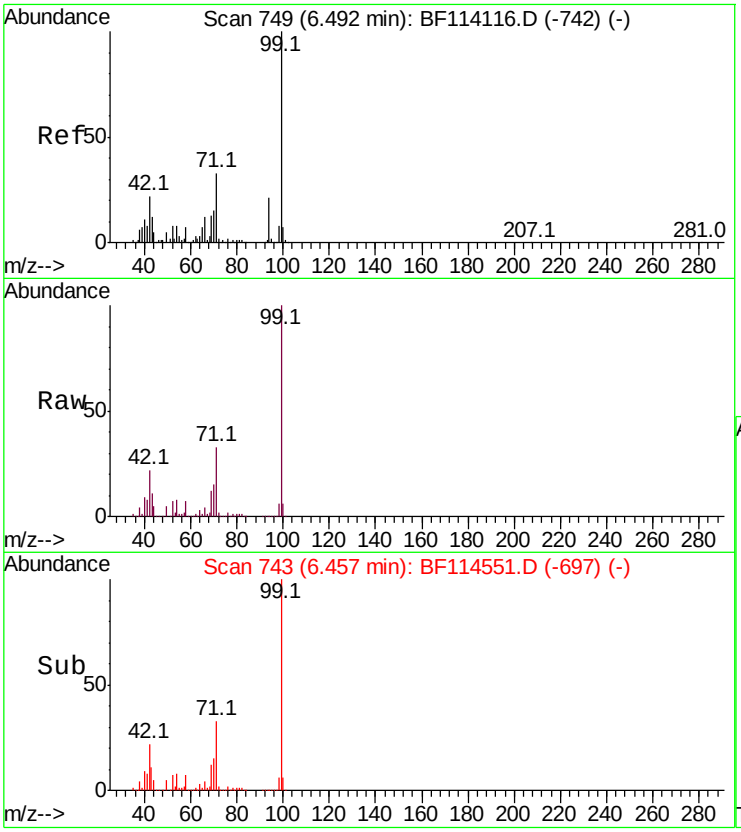


#5
2-Fluorophenol
Concen: 65.812 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.03 min
Lab File: BF114551.D
Acq: 24 May 2019 3:45

Tgt Ion:112 Resp: 681727

Ion	Ratio	Lower	Upper
112	100		
64	64.7	49.0	73.6
63	33.3	24.6	37.0



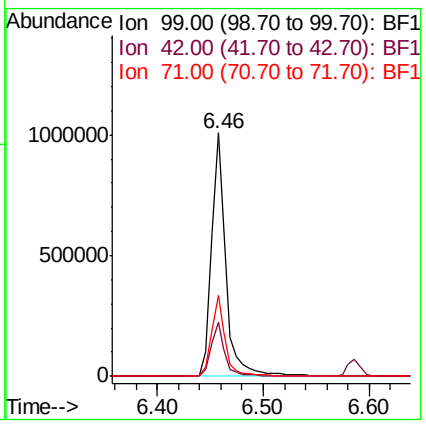


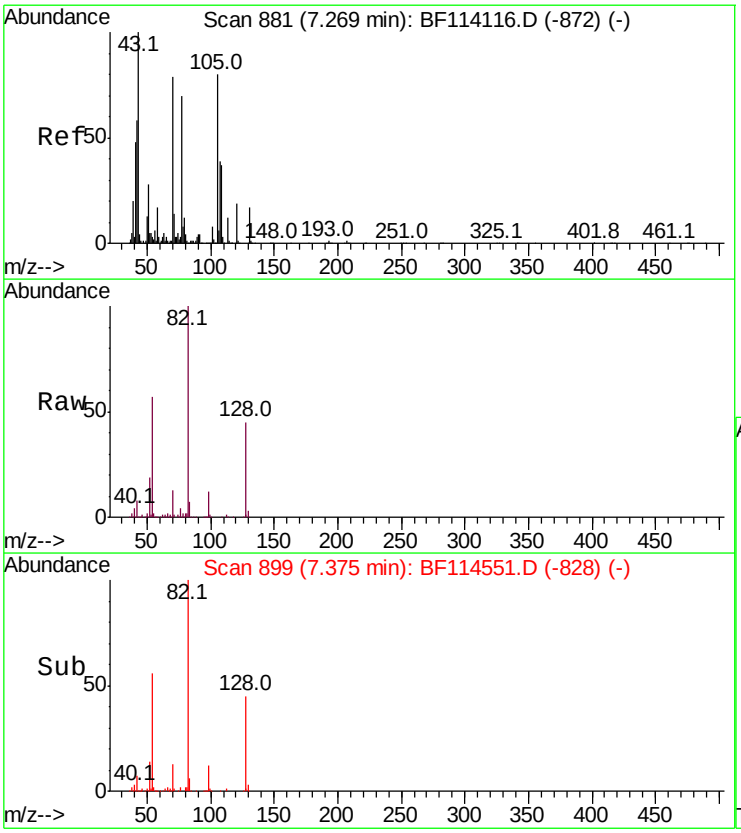
#7
Phenol-d6
Concen: 80.146 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.03 min
Lab File: BF114551.D
Acq: 24 May 2019 3:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 981922

Ion	Ratio	Lower	Upper
99	100		
42	22.1	17.9	26.9
71	33.4	26.2	39.2

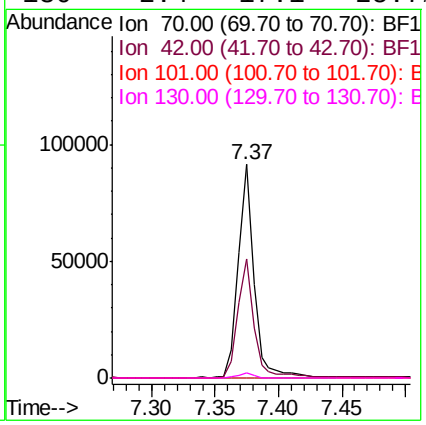


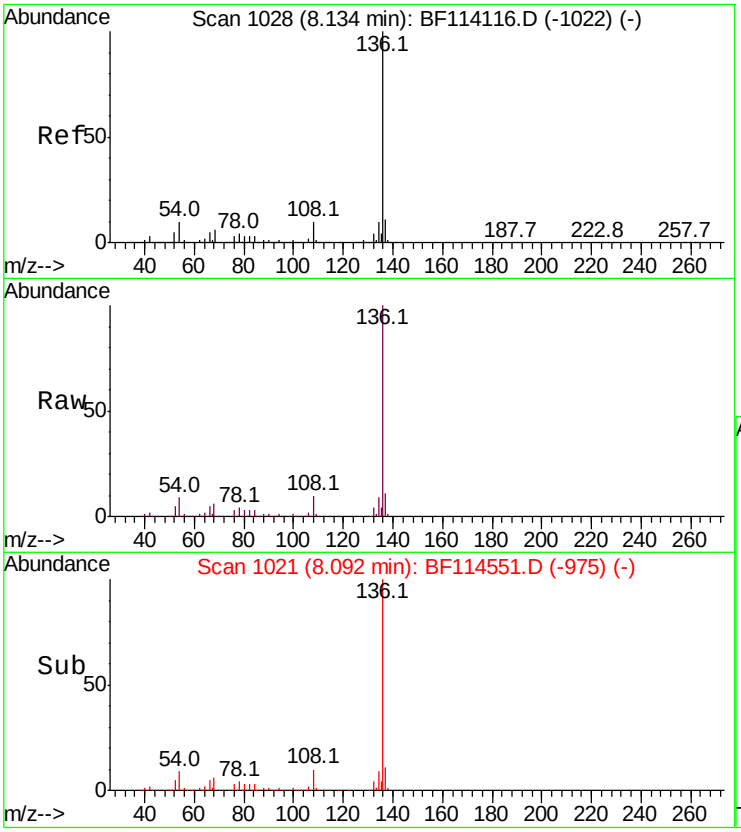


#19
n-Nitroso-di-n-propylamine
Concen: 10.193 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.12 min
Lab File: BF114551.D
Acq: 24 May 2019 3:45

Tgt Ion: 70 Resp: 79155

Ion	Ratio	Lower	Upper
70	100		
42	55.8	58.6	87.8#
101	0.0	7.8	11.8#
130	2.4	17.1	25.7#



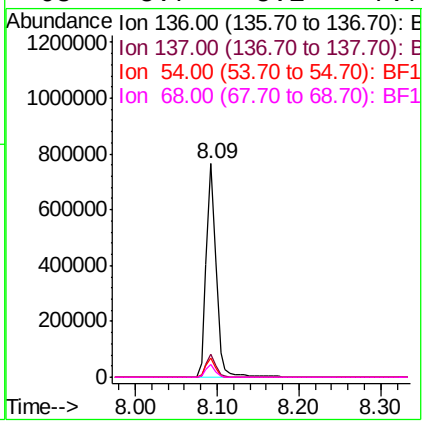


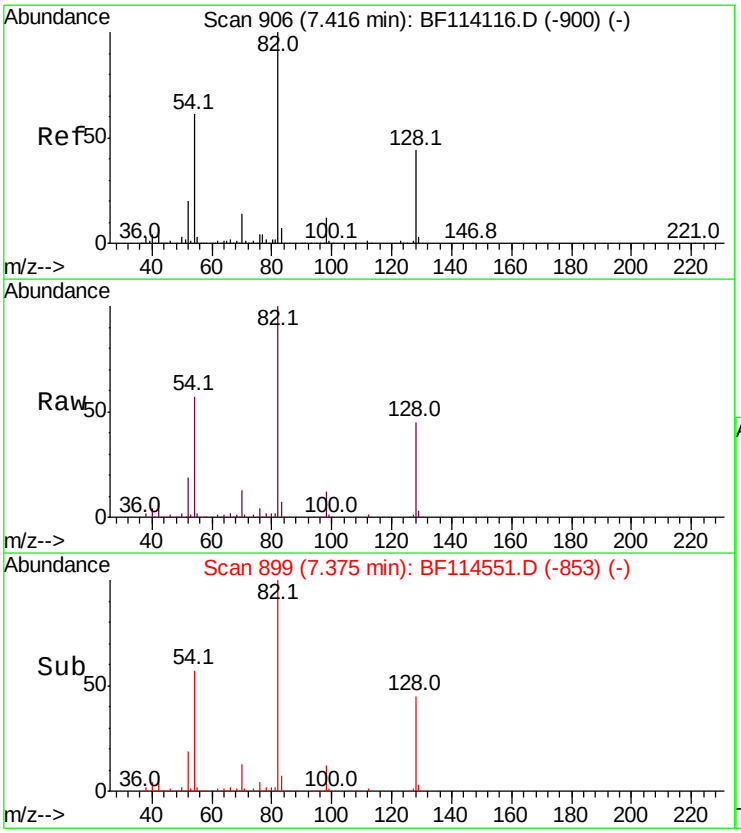
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.03 min
Lab File: BF114551.D
Acq: 24 May 2019 3:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 646460

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	9.3	7.8	11.8
68	5.7	5.1	7.7

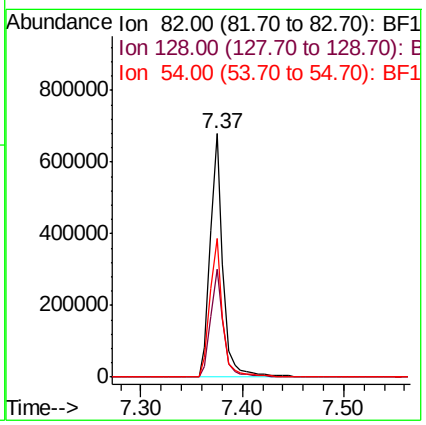


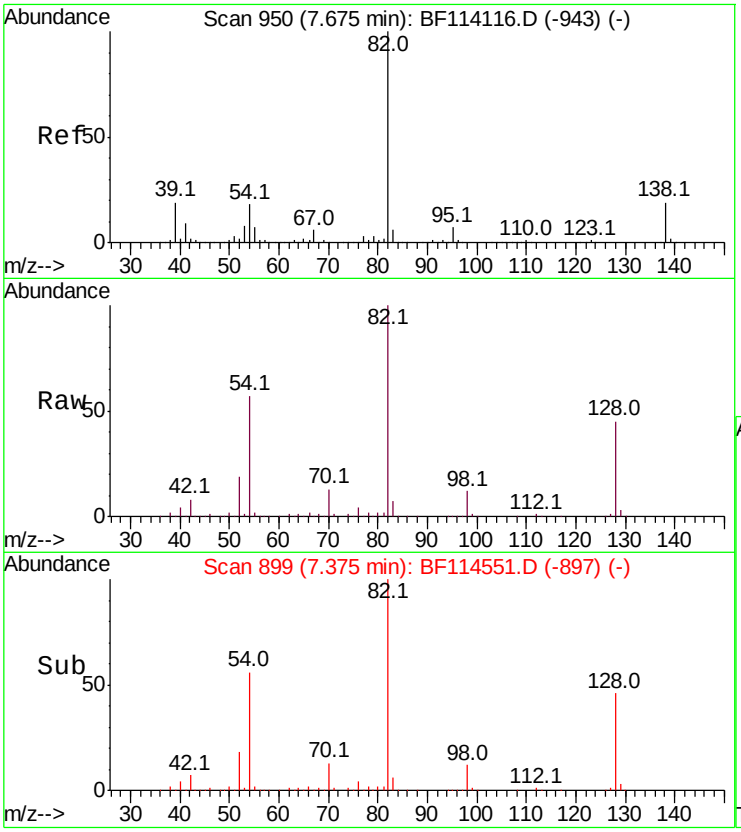


#23
Nitrobenzene-d5
Concen: 51.855 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.03 min
Lab File: BF114551.D
Acq: 24 May 2019 3:45

Tgt Ion: 82 Resp: 597334

Ion	Ratio	Lower	Upper
82	100		
128	44.5	35.5	53.3
54	56.8	48.5	72.7



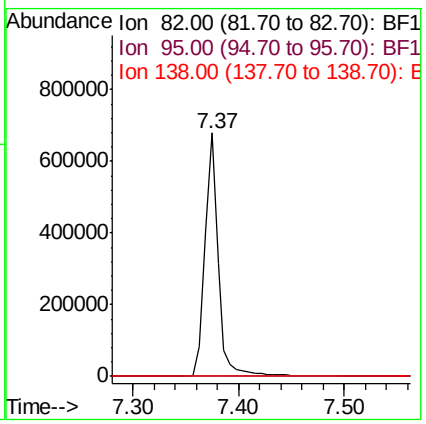


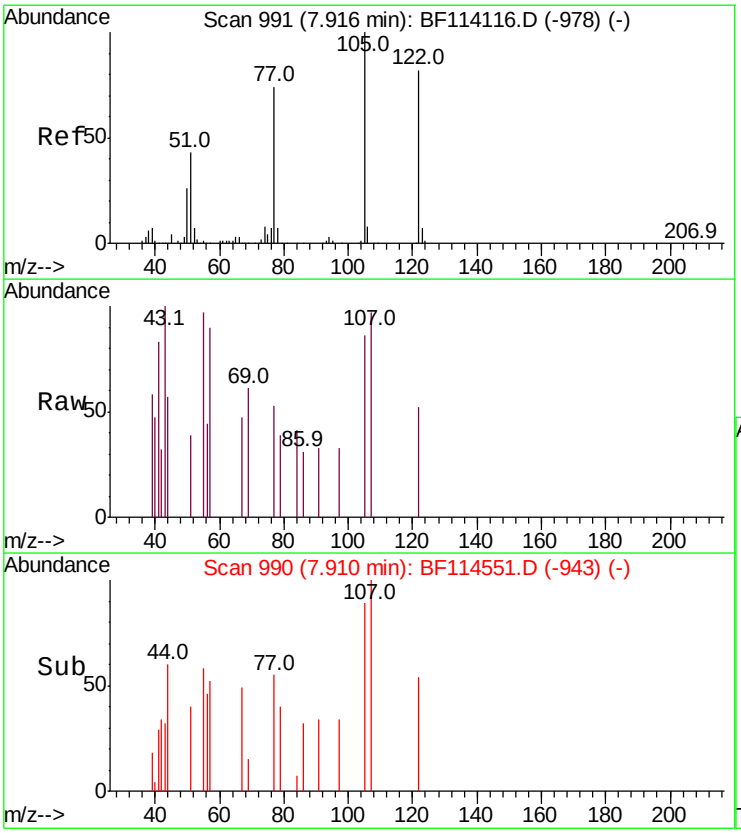
#25
Isophorone
Concen: 27.960 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.29 min
Lab File: BF114551.D
Acq: 24 May 2019 3:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 597328

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.6	8.4#
138	0.0	14.8	22.2#

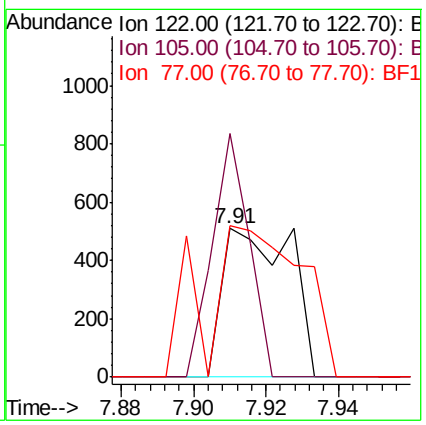


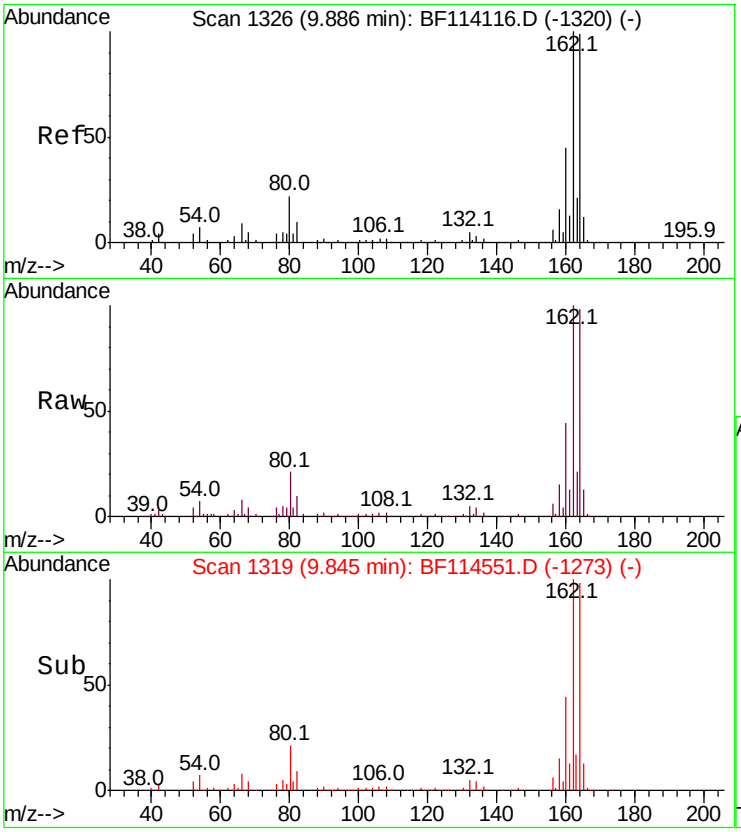


#32
Benzoic acid
Concen: 7.109 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.02 min
Lab File: BF114551.D
Acq: 24 May 2019 3:45

Tgt Ion:122 Resp: 660

Ion	Ratio	Lower	Upper
122	100		
105	163.7	99.9	139.9#
77	101.6	69.4	109.4



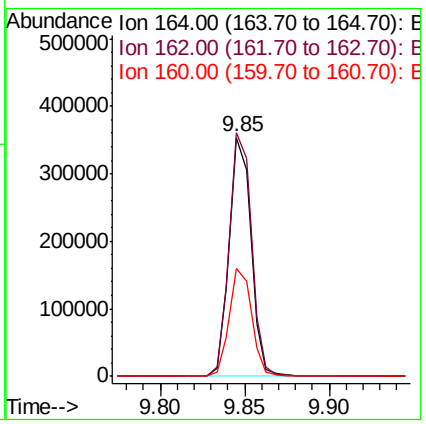


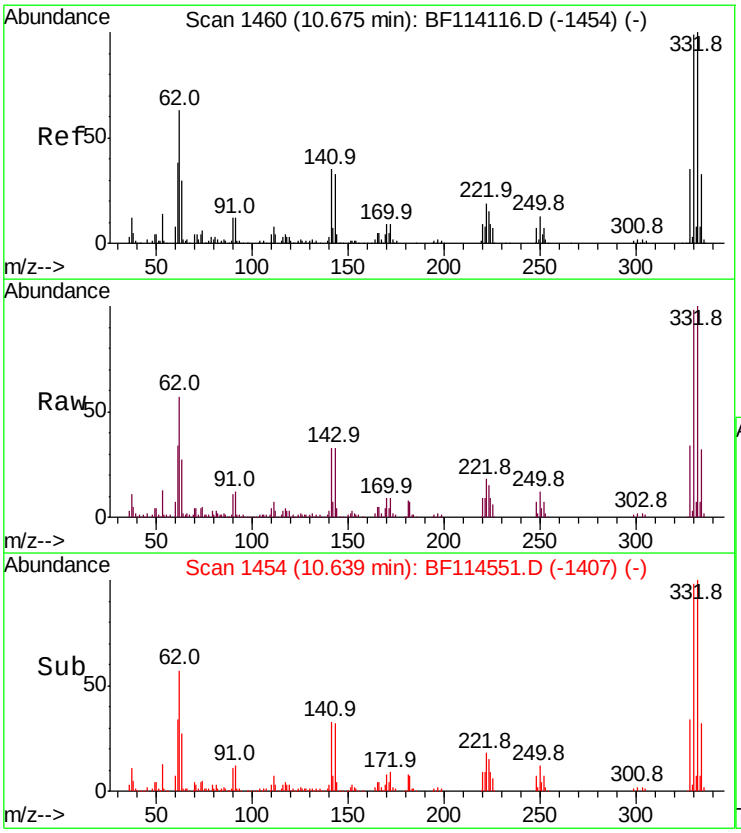
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.03 min
Lab File: BF114551.D
Acq: 24 May 2019 3:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 317286

Ion	Ratio	Lower	Upper
164	100		
162	102.0	80.6	120.8
160	45.3	36.5	54.7

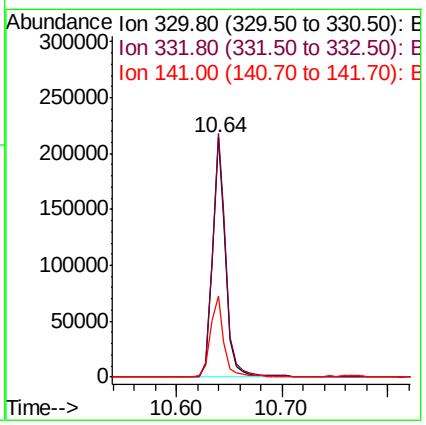


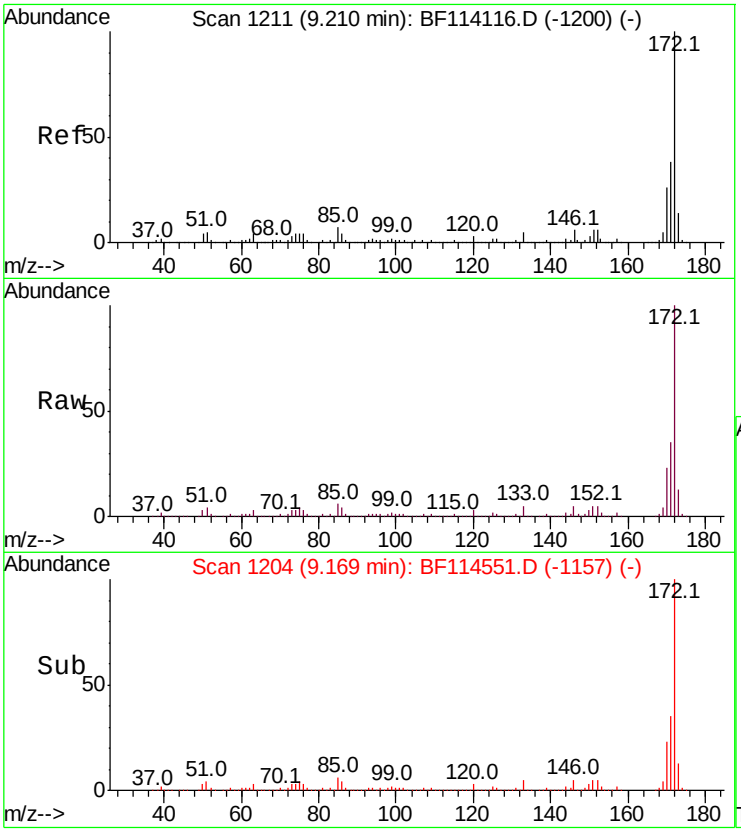


#42
2,4,6-Tribromophenol
Concen: 57.650 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.02 min
Lab File: BF114551.D
Acq: 24 May 2019 3:45

Tgt Ion:330 Resp: 189103

Ion	Ratio	Lower	Upper
330	100		
332	103.2	81.4	122.2
141	34.1	26.6	40.0



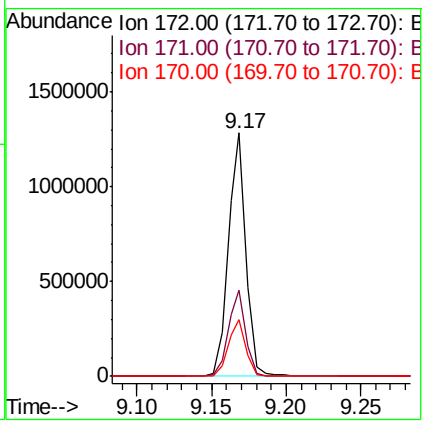


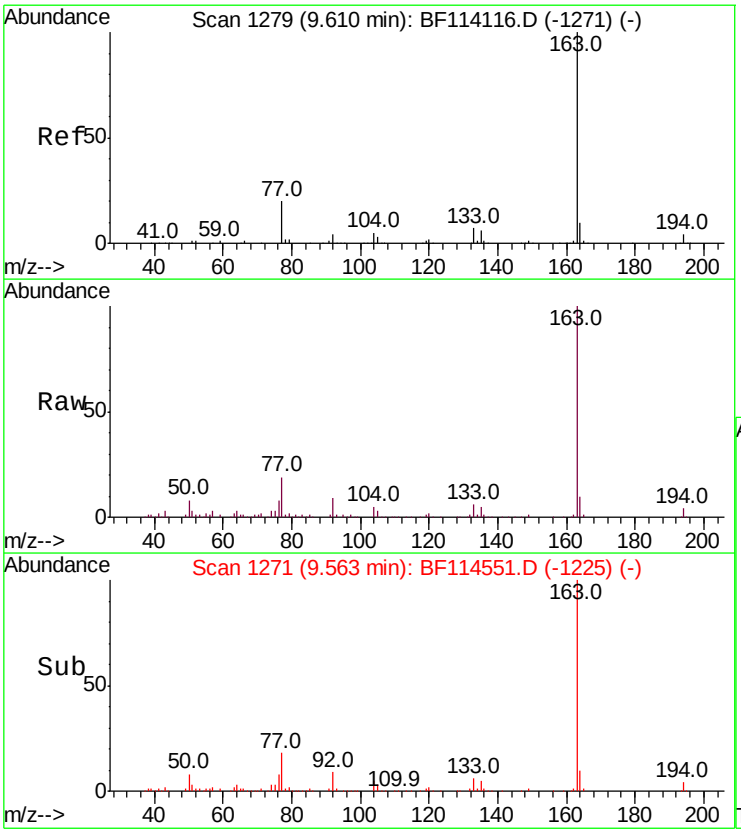
#45
2-Fluorobiphenyl
Concen: 50.929 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.02 min
Lab File: BF114551.D
Acq: 24 May 2019 3:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1068259

Ion	Ratio	Lower	Upper
172	100		
171	35.4	30.7	46.1
170	23.3	20.5	30.7

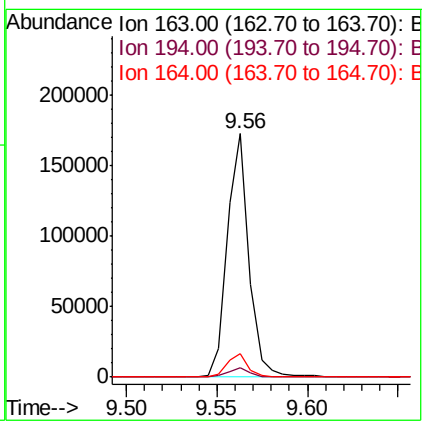


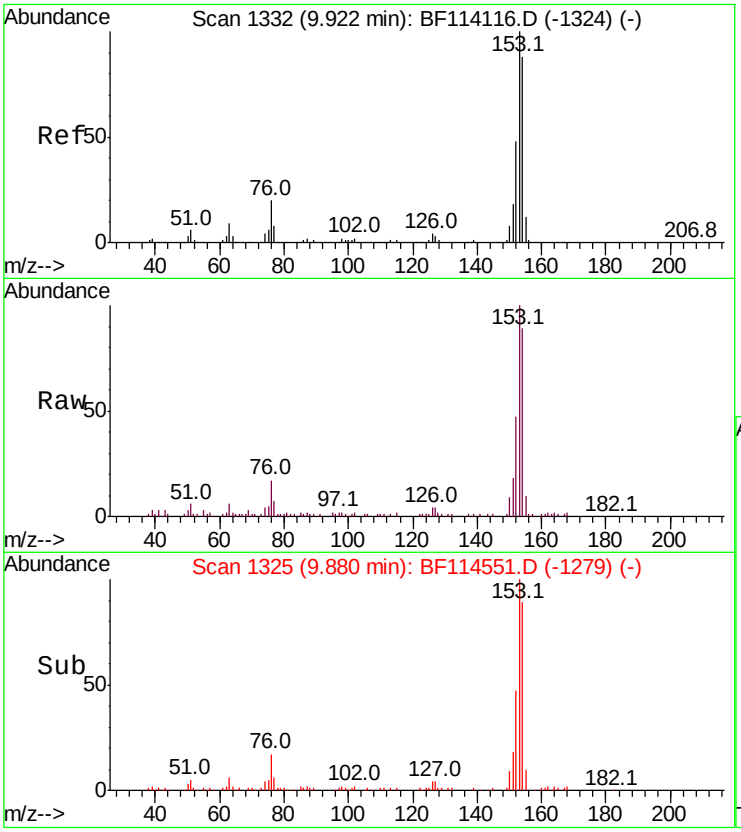


#50
Dimethylphthalate
Concen: 6.177 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.03 min
Lab File: BF114551.D
Acq: 24 May 2019 3:45

Tgt Ion:163 Resp: 143873

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.0
164	9.5	8.2	12.2



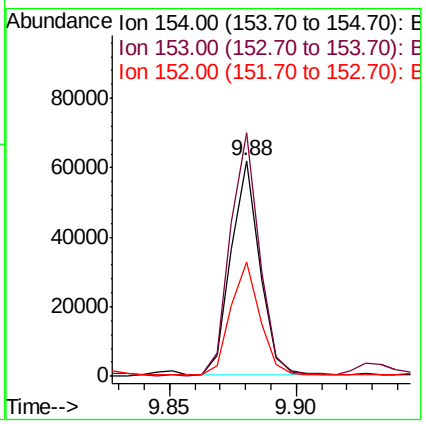


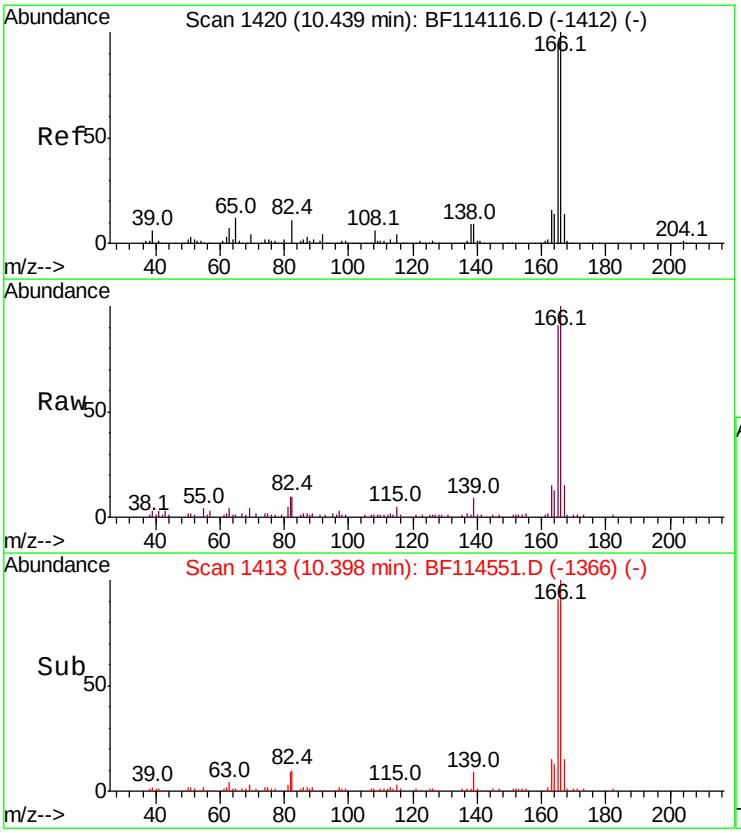
#52
Acenaphthene
Concen: 2.515 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.03 min
Lab File: BF114551.D
Acq: 24 May 2019 3:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 48418

Ion	Ratio	Lower	Upper
154	100		
153	112.8	90.5	135.7
152	53.3	43.4	65.2

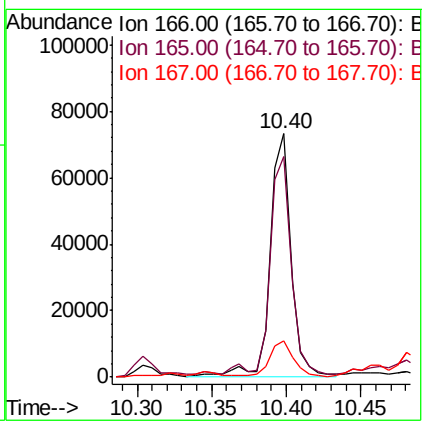


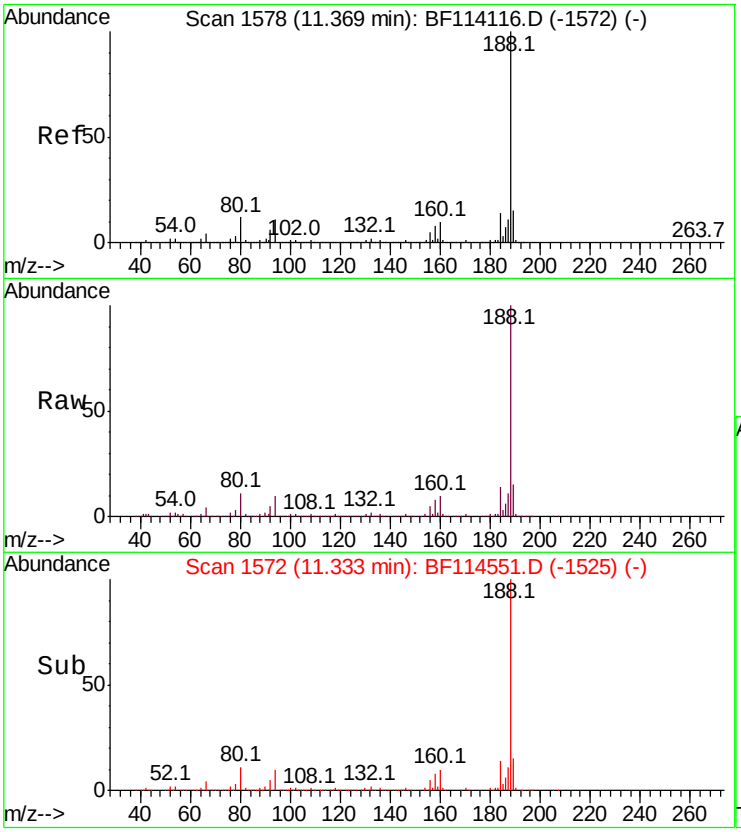


#58
Fluorene
Concen: 3.304 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.02 min
Lab File: BF114551.D
Acq: 24 May 2019 3:45

Tgt Ion:166 Resp: 72057

Ion	Ratio	Lower	Upper
166	100		
165	90.8	76.1	114.1
167	14.7	11.1	16.7



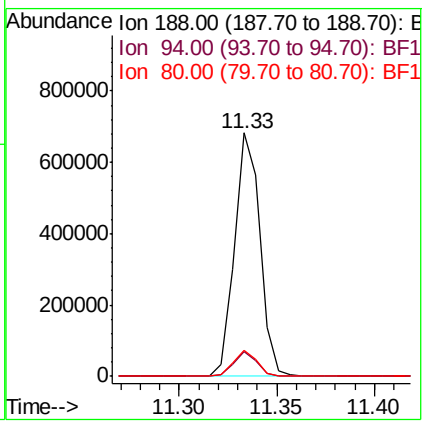


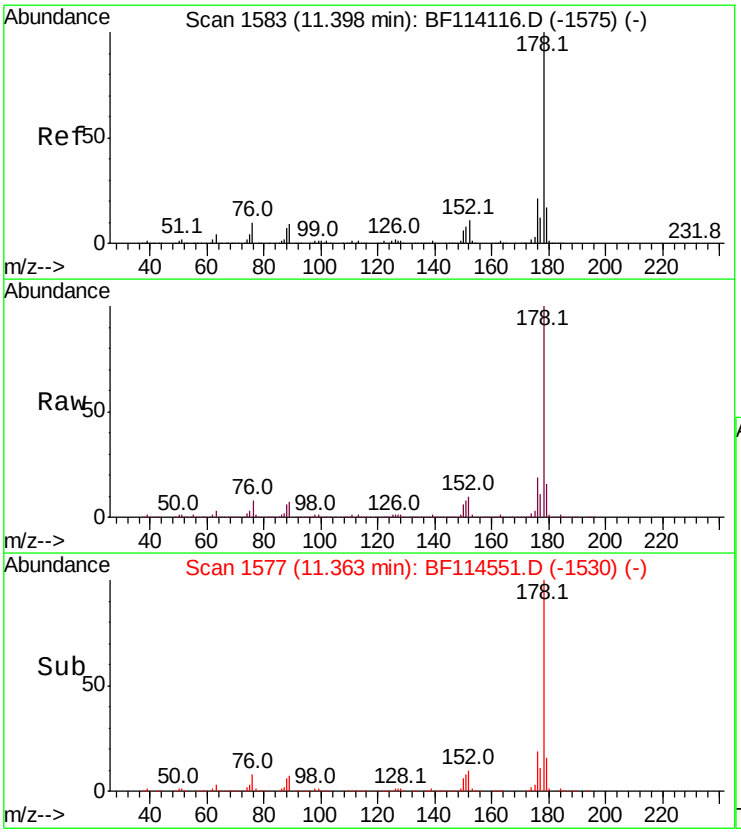
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.02 min
Lab File: BF114551.D
Acq: 24 May 2019 3:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 615975

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.4	12.6
80	10.5	9.2	13.8

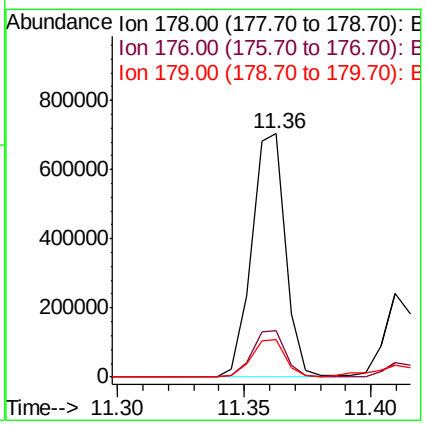


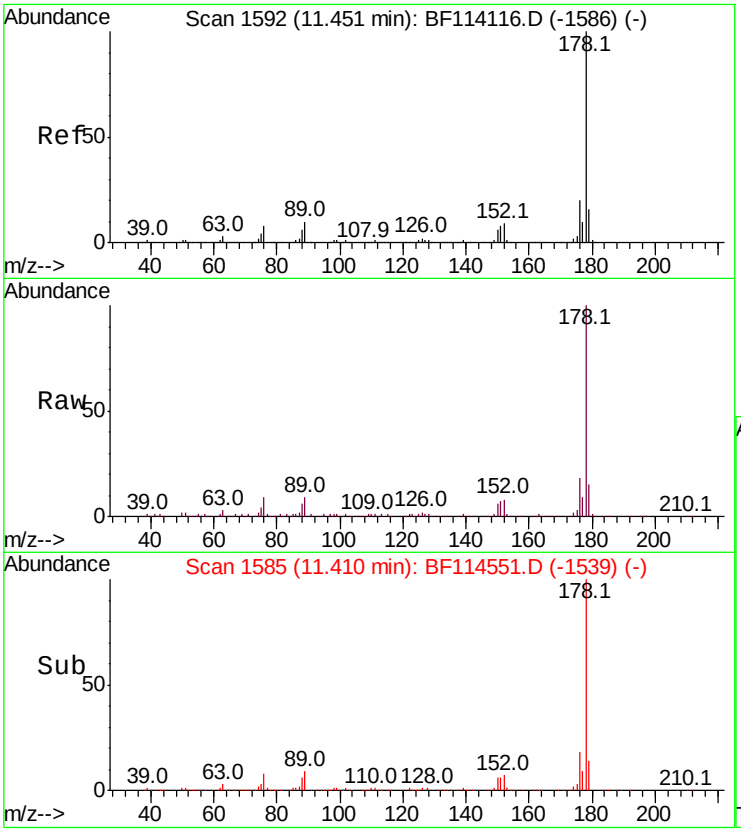


#71
Phenanthrene
Concen: 21.845 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.02 min
Lab File: BF114551.D
Acq: 24 May 2019 3:45

Tgt Ion:178 Resp: 654657

Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.4	24.6
179	15.6	13.2	19.8



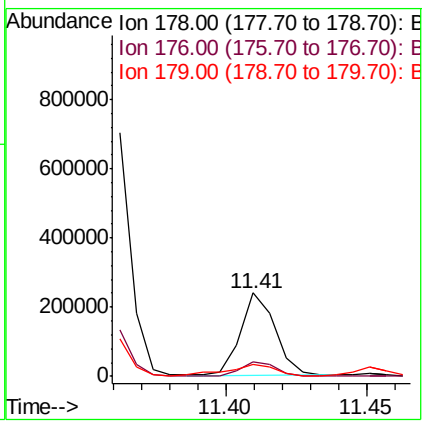


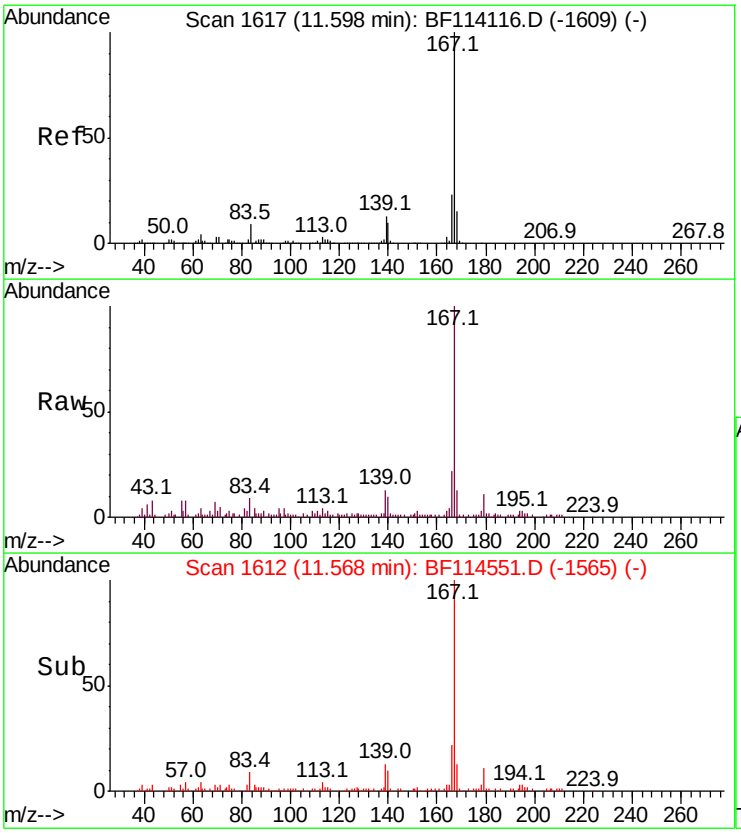
#72
Anthracene
Concen: 6.801 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.03 min
Lab File: BF114551.D
Acq: 24 May 2019 3:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 204718

Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.8	23.8
179	14.7	13.0	19.4

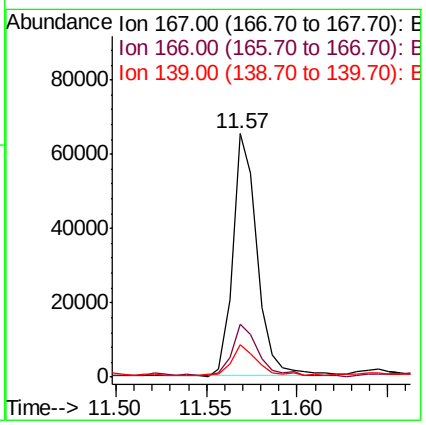


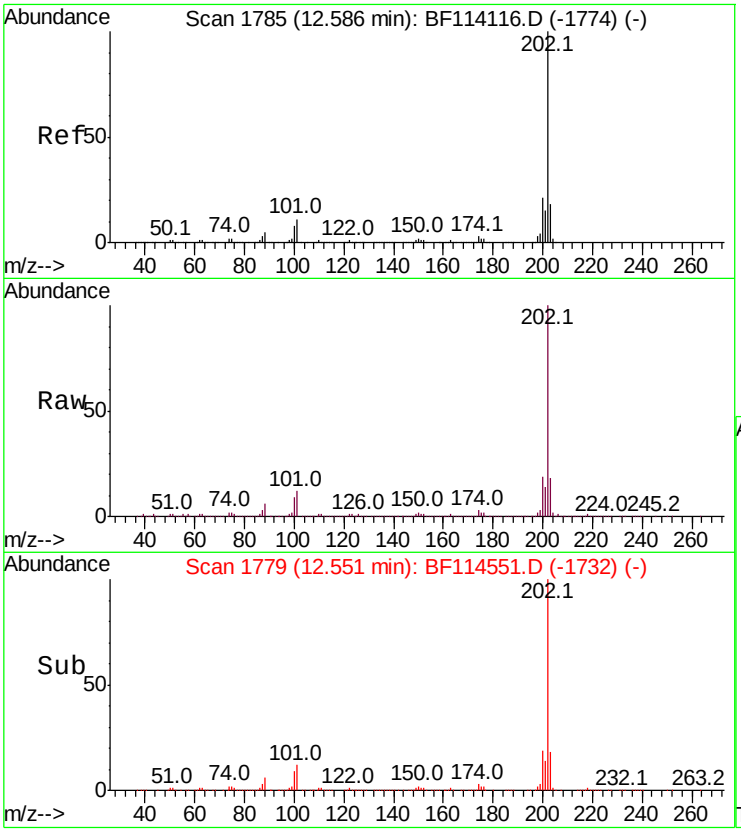


#73
Carbazole
Concen: 2.115 ng
RT: 11.57 min Scan# 1612
Delta R.T. -0.02 min
Lab File: BF114551.D
Acq: 24 May 2019 3:45

Tgt Ion:167 Resp: 60703

Ion	Ratio	Lower	Upper
167	100		
166	21.6	18.2	27.2
139	13.4	10.6	16.0



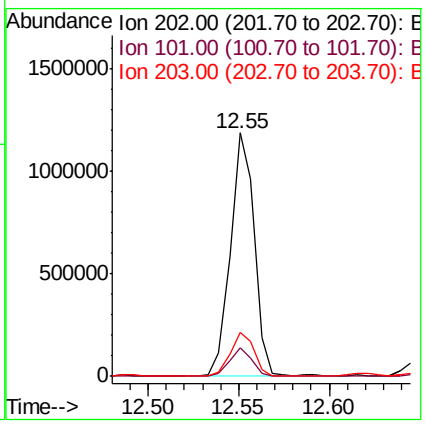


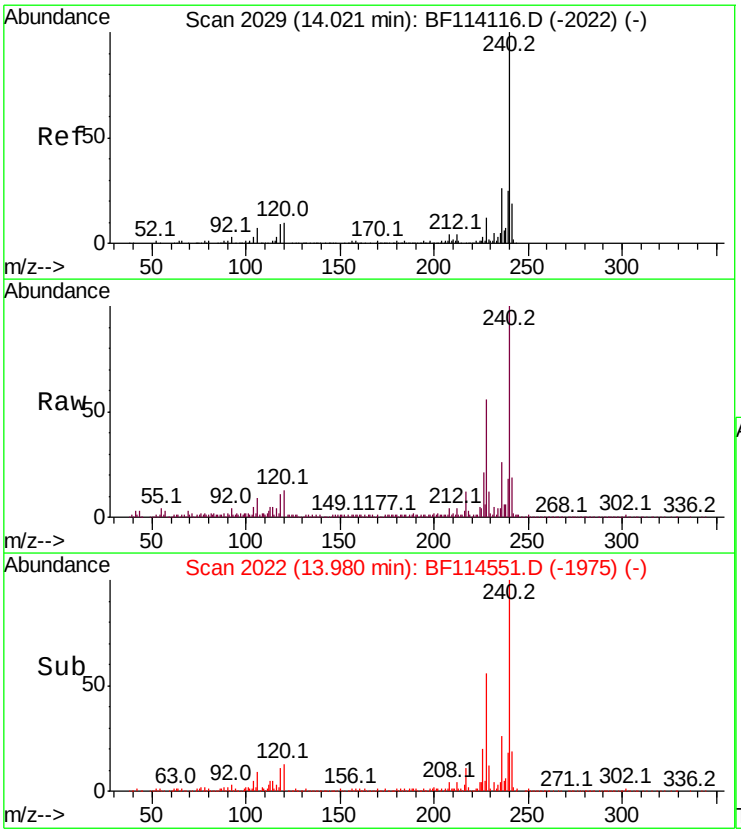
#75
Fluoranthene
Concen: 33.730 ng
RT: 12.55 min Scan# 1779
Delta R.T. -0.02 min
Lab File: BF114551.D
Acq: 24 May 2019 3:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 1088517

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	31.0
203	17.9	0.0	38.4

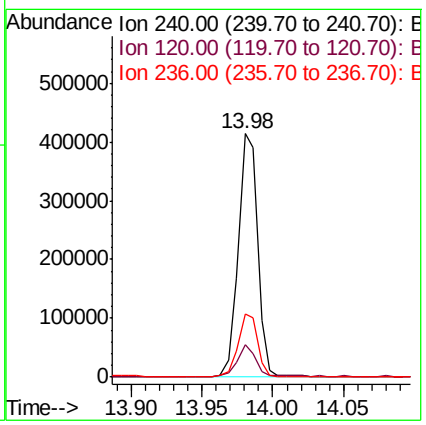


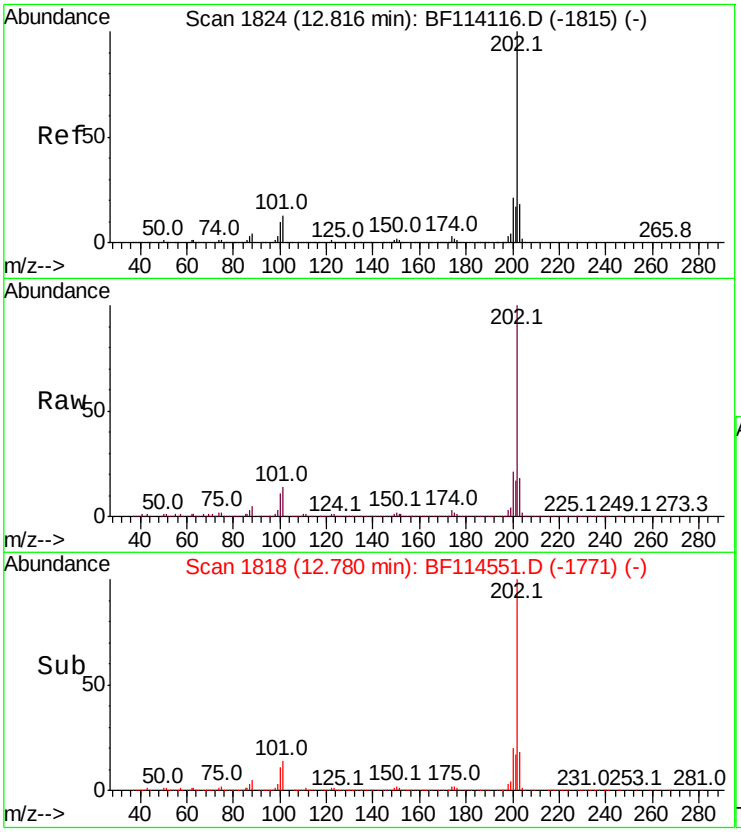


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BF114551.D
Acq: 24 May 2019 3:45

Tgt Ion:240 Resp: 394117

Ion	Ratio	Lower	Upper
240	100		
120	13.2	8.3	12.5#
236	26.1	20.8	31.2



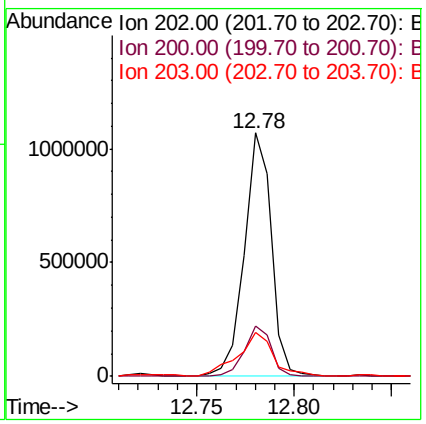


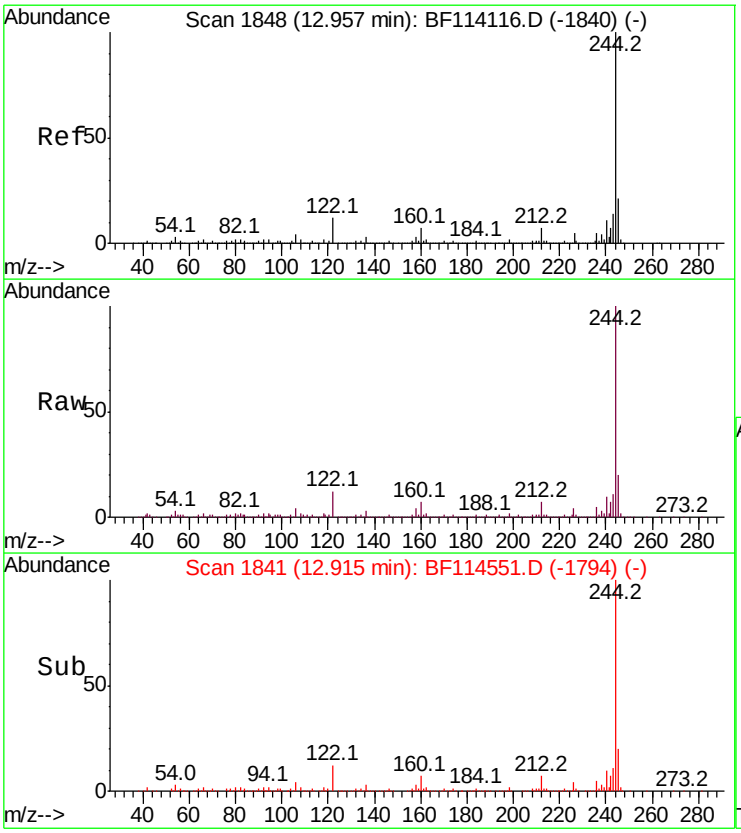
#78
Pyrene
Concen: 32.231 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.02 min
Lab File: BF114551.D
Acq: 24 May 2019 3:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 1021880

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.9	25.3
203	18.3	14.5	21.7

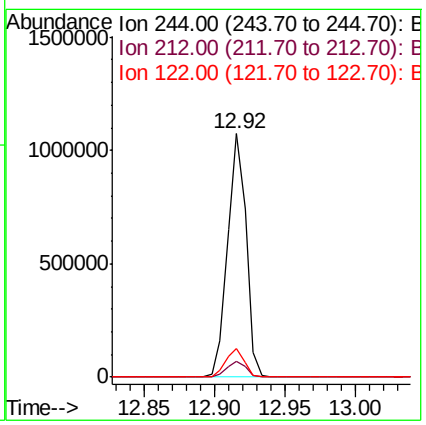


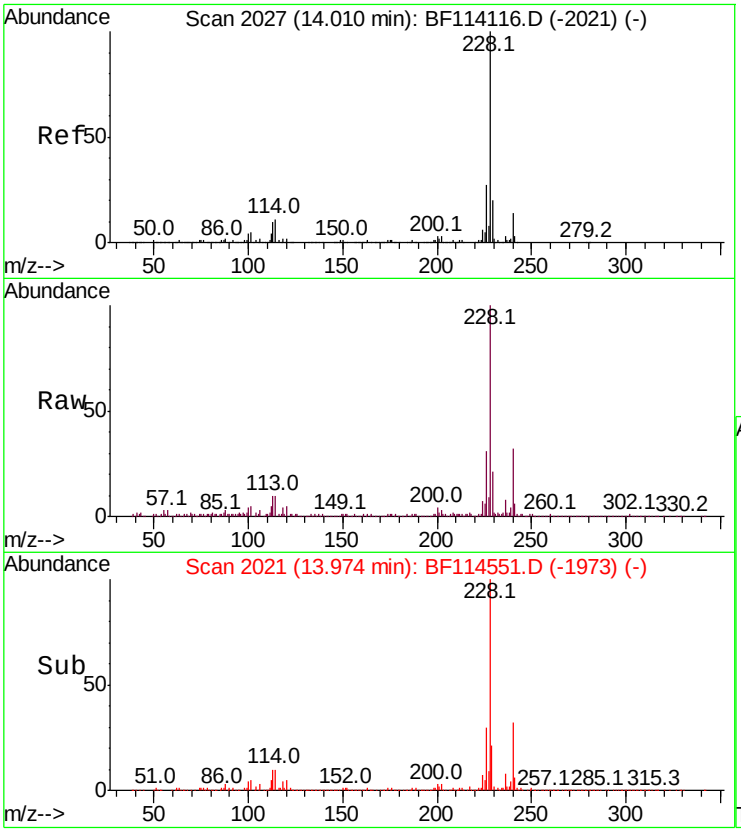


#79
Terphenyl-d14
Concen: 51.102 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.02 min
Lab File: BF114551.D
Acq: 24 May 2019 3:45

Tgt Ion:244 Resp: 976997

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.6
122	12.0	9.4	14.2



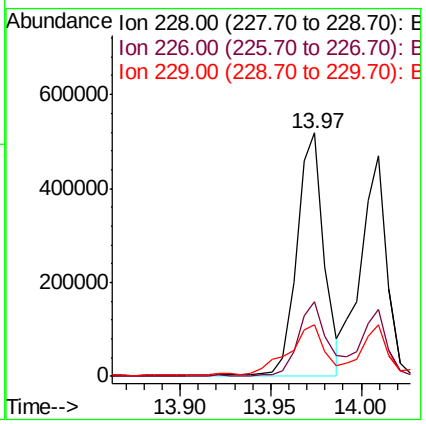


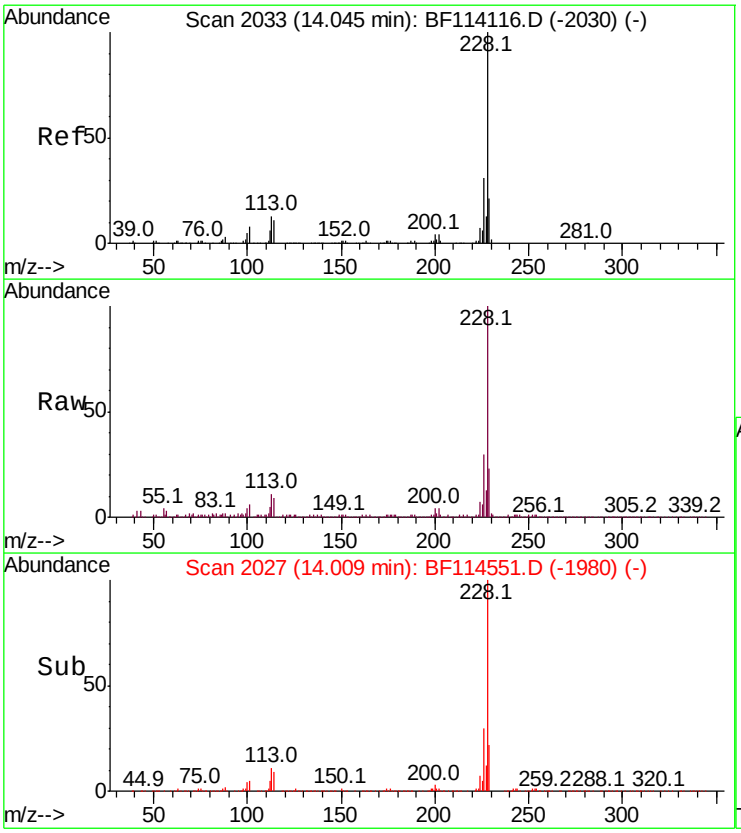
#81
Benzo(a)anthracene
Concen: 21.281 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.02 min
Lab File: BF114551.D
Acq: 24 May 2019 3:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 542485

Ion	Ratio	Lower	Upper
228	100		
226	30.6	22.2	33.2
229	21.1	16.4	24.6

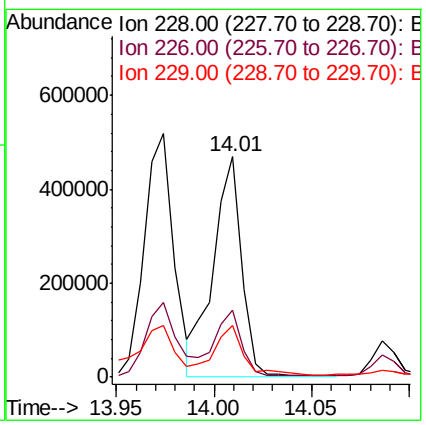


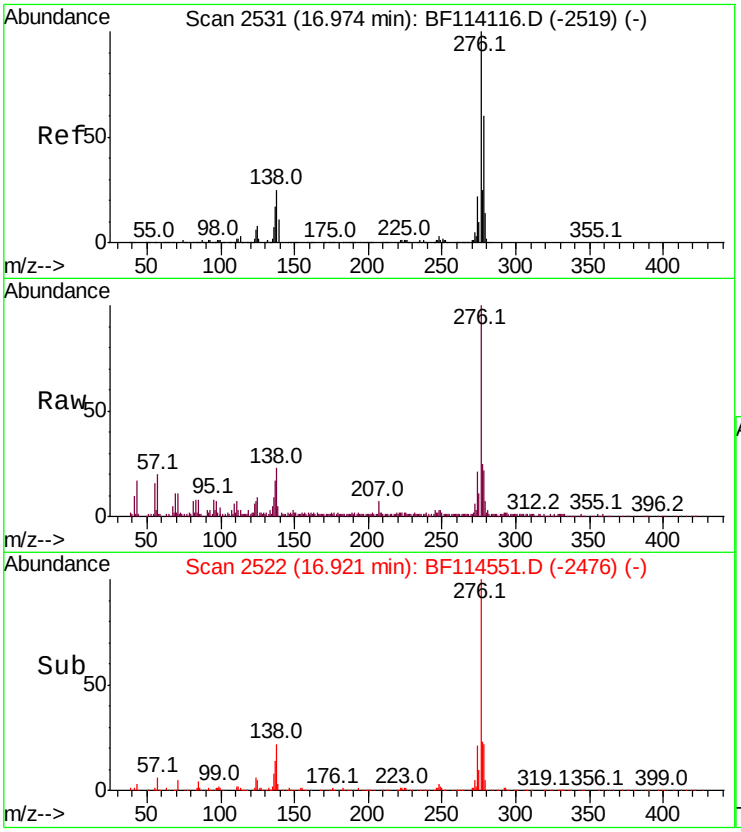


#83
Chrysene
Concen: 18.937 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.02 min
Lab File: BF114551.D
Acq: 24 May 2019 3:45

Tgt Ion:228 Resp: 473200

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	23.4	17.0	25.6



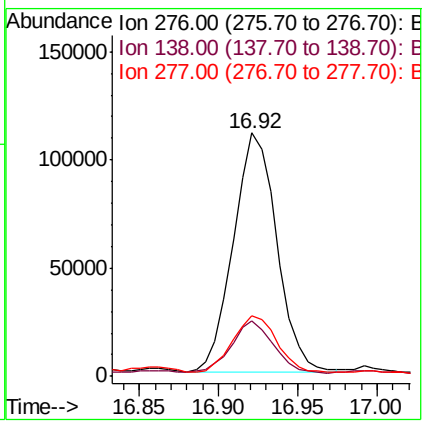


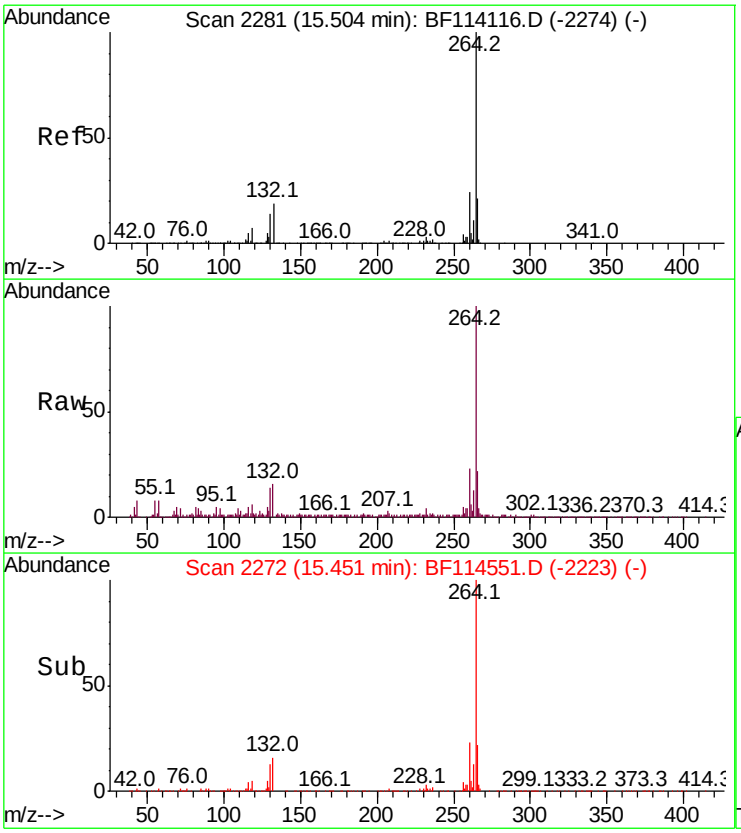
#86
Indeno(1,2,3-cd)pyrene
Concen: 9.499 ng
RT: 16.92 min Scan# 2522
Delta R.T. -0.03 min
Lab File: BF114551.D
Acq: 24 May 2019 3:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 209790

Ion	Ratio	Lower	Upper
276	100		
138	21.3	20.2	30.2
277	24.4	20.0	30.0

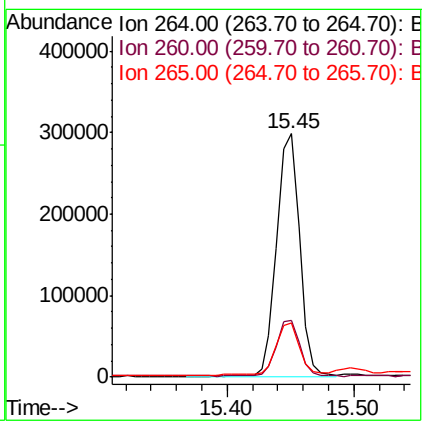


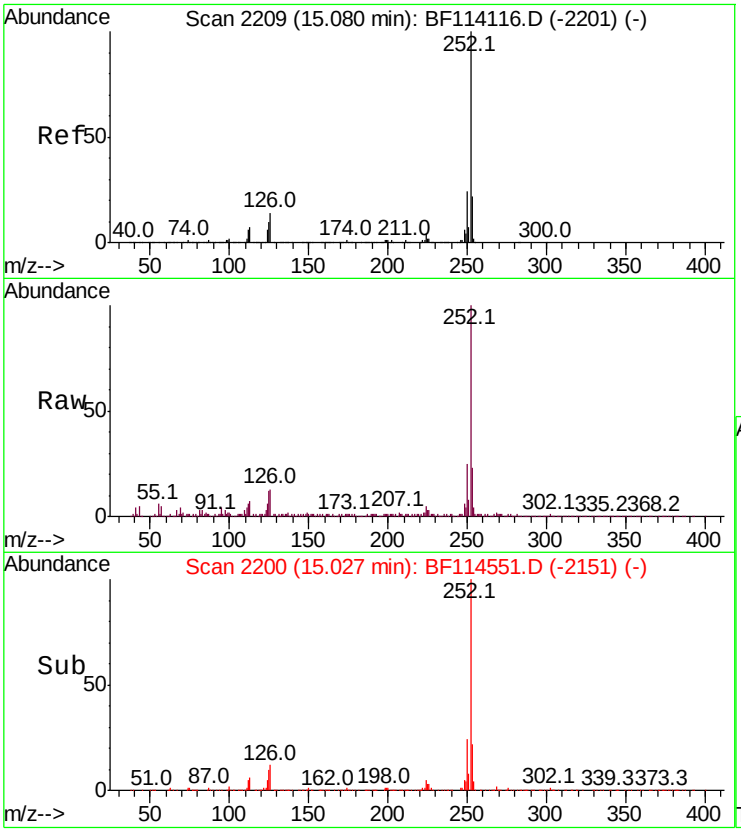


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF114551.D
Acq: 24 May 2019 3:45

Tgt Ion:264 Resp: 375304

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.0
265	22.5	16.9	25.3



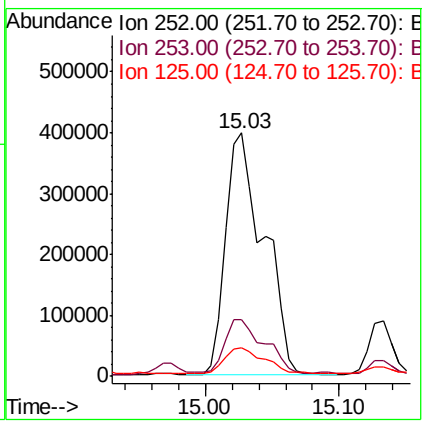


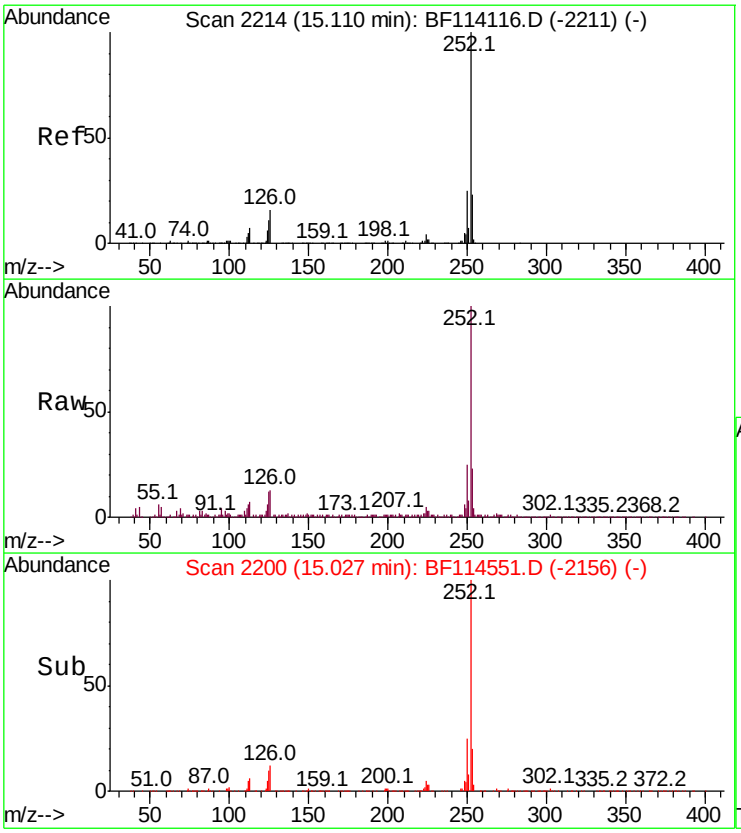
#88
Benzo(b)fluoranthene
Concen: 33.067 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF114551.D
Acq: 24 May 2019 3:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 795060

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.8
125	11.7	8.3	12.5

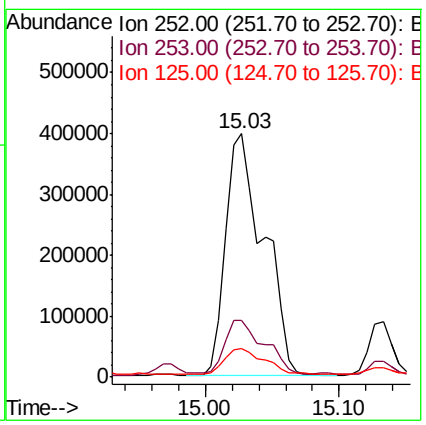


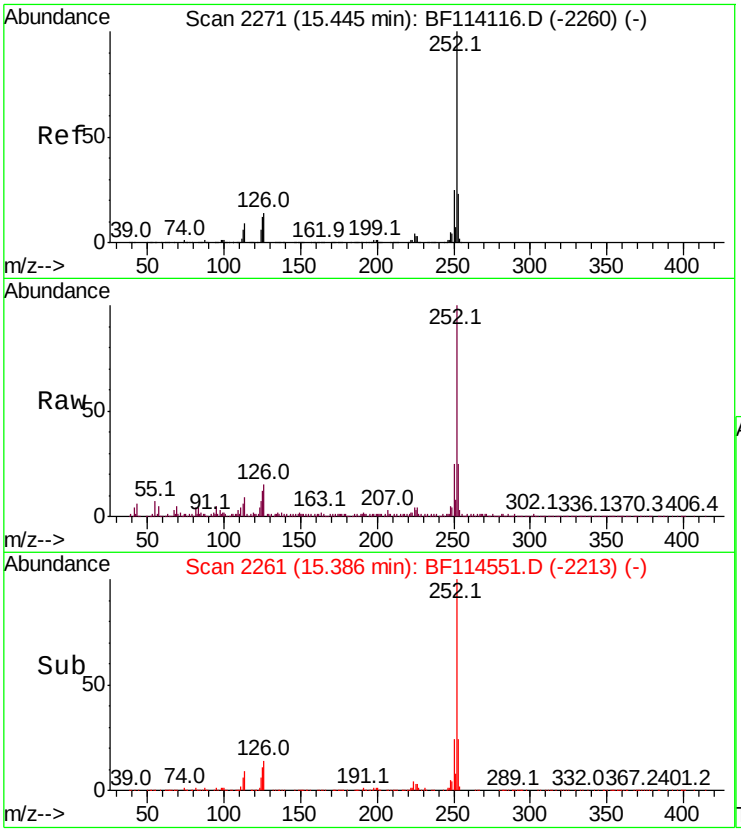


#89
Benzo(k)fluoranthene
Concen: 35.997 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.04 min
Lab File: BF114551.D
Acq: 24 May 2019 3:45

Tgt Ion:252 Resp: 795060

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.2
125	11.7	8.6	13.0



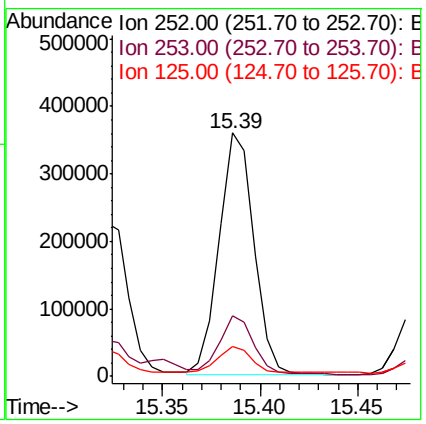


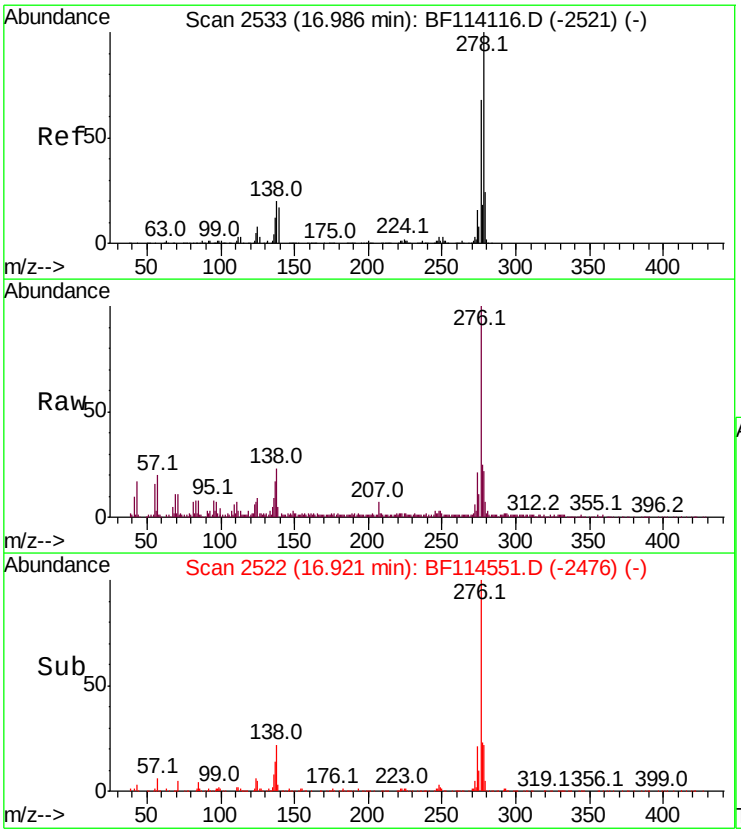
#90
Benzo(a)pyrene
Concen: 21.078 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.02 min
Lab File: BF114551.D
Acq: 24 May 2019 3:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 446021

Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.1	27.1
125	12.5	9.5	14.3

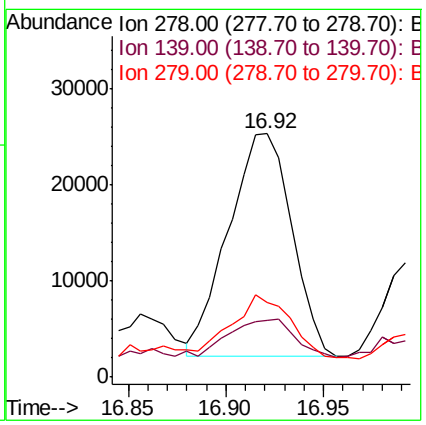


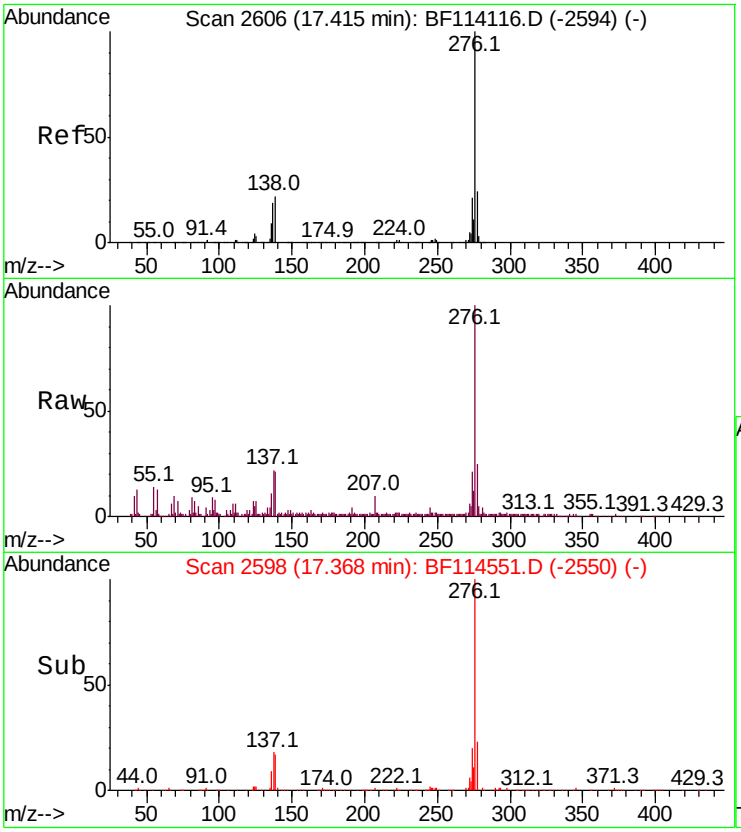


#91
Dibenzo(a,h)anthracene
Concen: 2.978 ng
RT: 16.92 min Scan# 2522
Delta R.T. -0.03 min
Lab File: BF114551.D
Acq: 24 May 2019 3:45

Tgt Ion:278 Resp: 52360

Ion	Ratio	Lower	Upper
278	100		
139	23.4	13.5	20.3#
279	30.9	19.0	28.6#





#92
Benzo(g,h,i)perylene
Concen: 10.806 ng
RT: 17.37 min Scan# 2598
Delta R.T. -0.02 min
Lab File: BF114551.D
Acq: 24 May 2019 3:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 190417

Ion	Ratio	Lower	Upper
276	100		
277	25.2	19.0	28.4
138	21.0	17.8	26.6