Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
Data File : BF114951.D
Acq On : 11 Jun 2019 18:56
Operator : HP/JU
Sample : K3163-07 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 12 04:32:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 16:44:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	248280	20.00	ng		0.00
21) Naphthalene-d8	7.94	136	945906	20.00	ng		0.00
39) Acenaphthene-d10	9.69	164	450578	20.00	ng		0.00
64) Phenanthrene-d10	11.16	188	789450	20.00	ng		0.00
76) Chrysene-d12	13.79	240	604174	20.00	ng		0.00
87) Perylene-d12	15.17	264	536999	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	657053	44.79	ng		0.00
7) Phenol-d6	6.30	99	823589	46.54	ng		-0.01
23) Nitrobenzene-d5	7.22	82	484547	31.47	ng		-0.01
42) 2,4,6-Tribromophenol	10.47	330	188594	38.48	ng		0.00
45) 2-Fluorobiphenyl	9.02	172	984976	34.69	ng		0.00
79) Terphenyl-d14	12.75	244	904275	29.77	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.22	70	64149	5.797	ng	#	76
25) Isophorone	7.22	82	474267	15.732	ng	#	62
49) Acenaphthylene	9.55	152	129256	3.082	ng		98
50) Dimethylphthalate	9.41	163	105952	3.129	ng		97
71) Phenanthrene	11.19	178	395507	10.326	ng		97
72) Anthracene	11.24	178	121830	3.134	ng		97
75) Fluoranthene	12.37	202	694682	17.535	ng		95
78) Pyrene	12.60	202	797020	15.147	ng		97
81) Benzo(a)anthracene	13.82	228	479588	10.735	ng		96
83) Chrysene	13.82	228	479588	10.691	ng		97
86) Indeno(1,2,3-cd)pyrene	16.49	276	202780	4.808	ng		95
88) Benzo(b)fluoranthene	14.79	252	717335	20.519	ng	#	96
89) Benzo(k)fluoranthene	14.79	252	717335	23.643	ng	#	95
90) Benzo(a)pyrene	15.12	252	363857	11.982	ng		96
91) Dibenzo(a,h)anthracene	16.49	278	53030	2.067	ng	#	76
92) Benzo(g,h,i)perylene	16.88	276	181776	7.110	ng		99

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

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Instrument :
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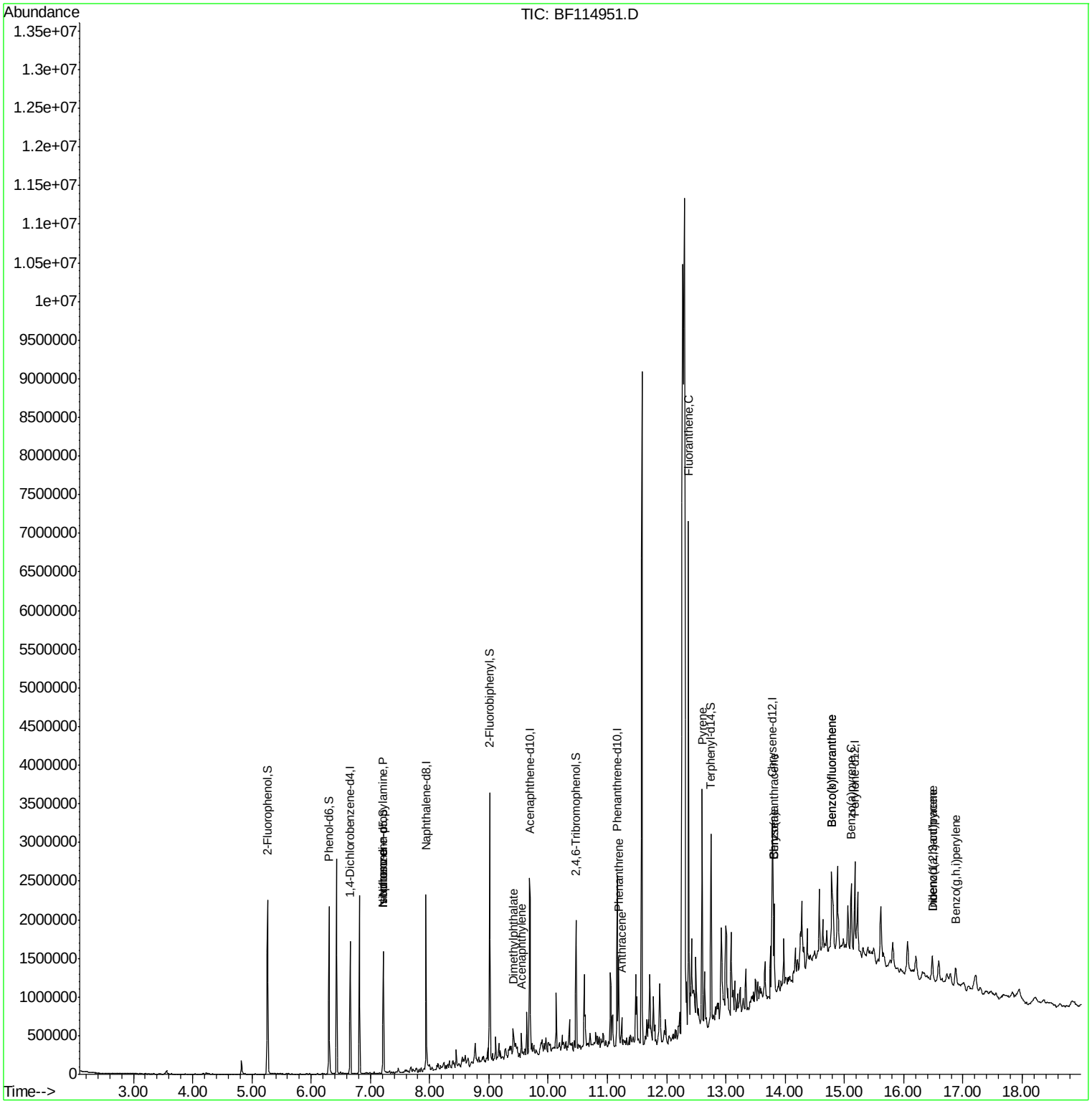
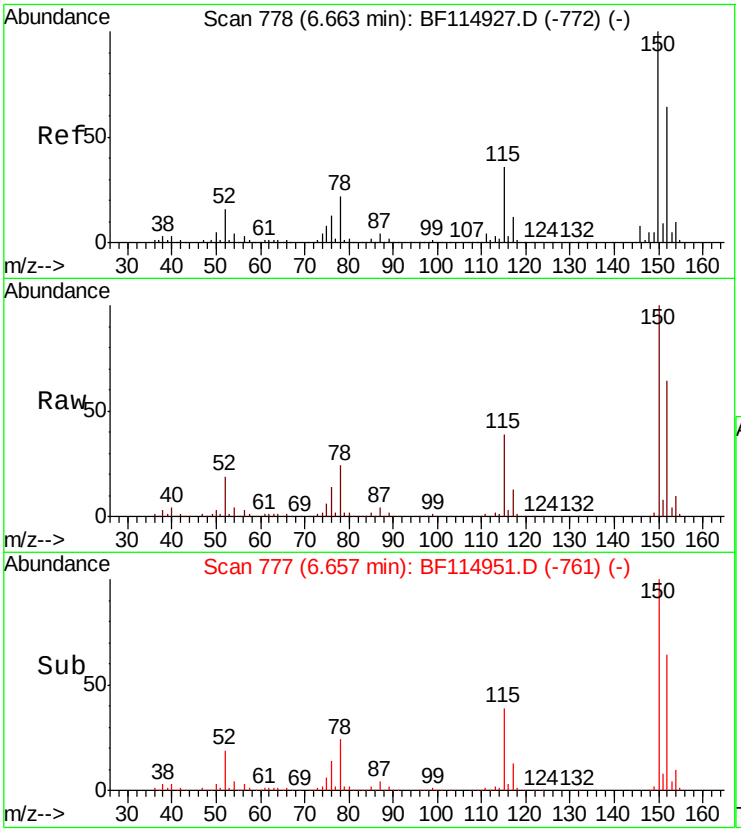
Quant Time: Jun 12 04:32:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 16:44:00 2019
Response via : Initial Calibration



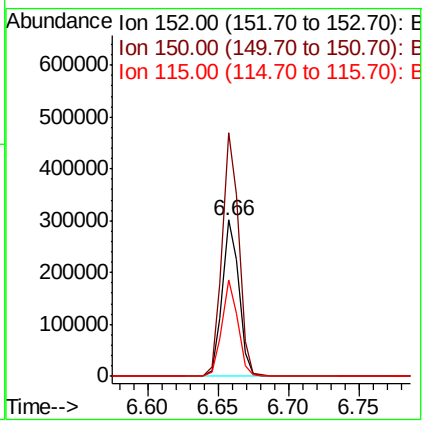


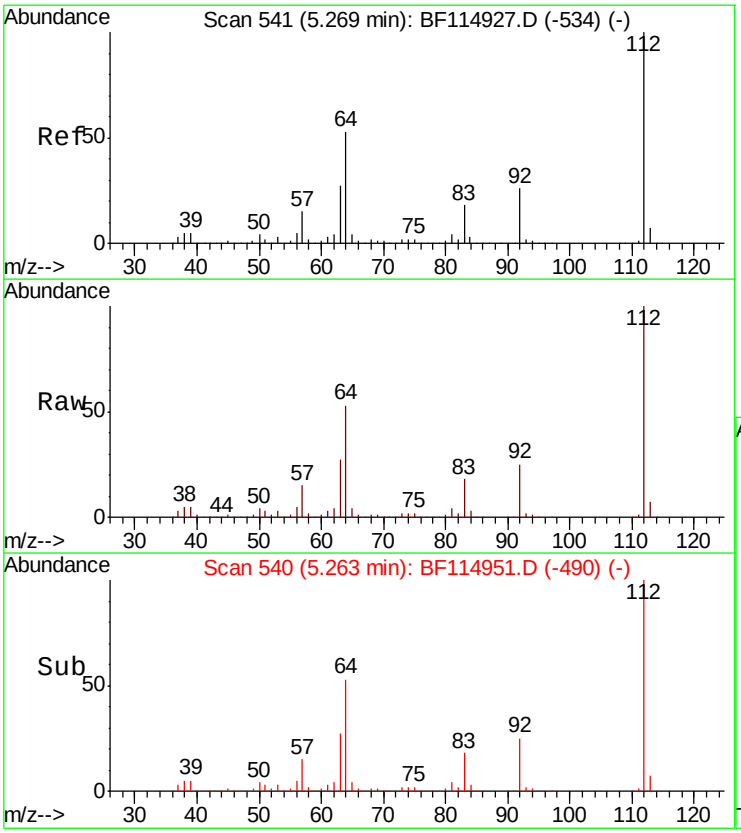
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF114951.D
Acq: 11 Jun 2019 18:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 248280

Ion	Ratio	Lower	Upper
152	100		
150	156.0	125.2	187.8
115	61.5	45.0	67.4

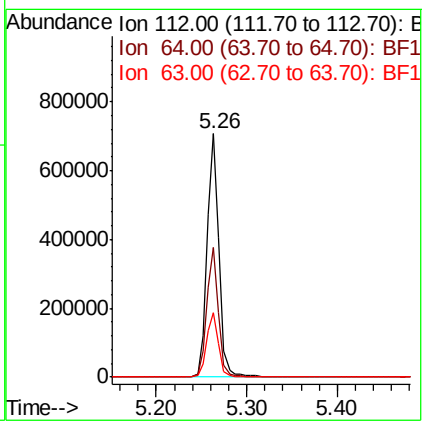


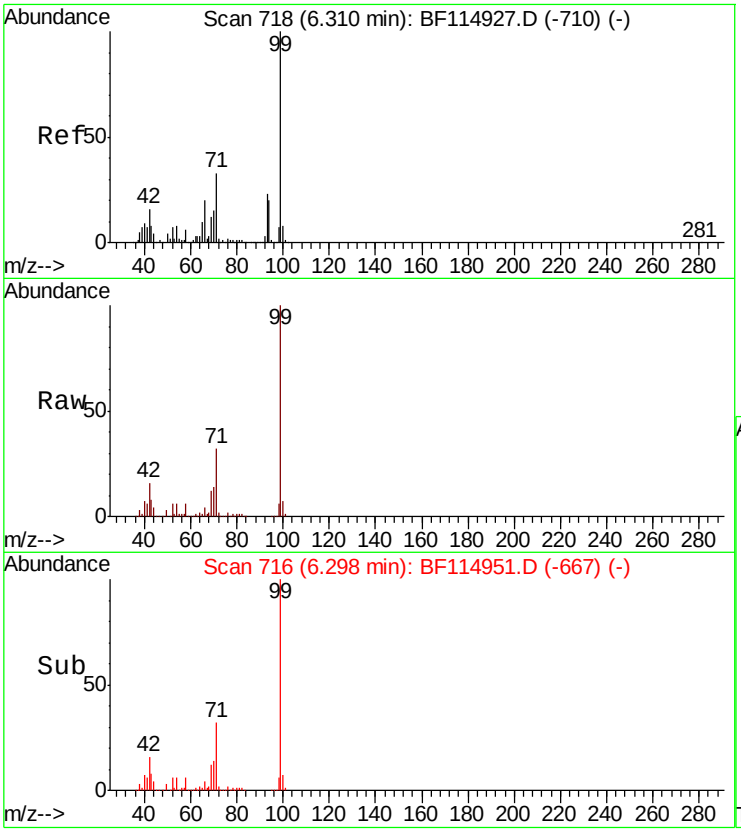


#5
2-Fluorophenol
Concen: 44.788 ng
RT: 5.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF114951.D
Acq: 11 Jun 2019 18:56

Tgt Ion:112 Resp: 657053

Ion	Ratio	Lower	Upper
112	100		
64	53.3	42.1	63.1
63	26.7	21.8	32.8



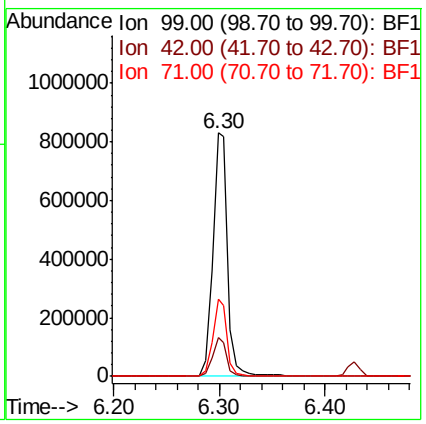


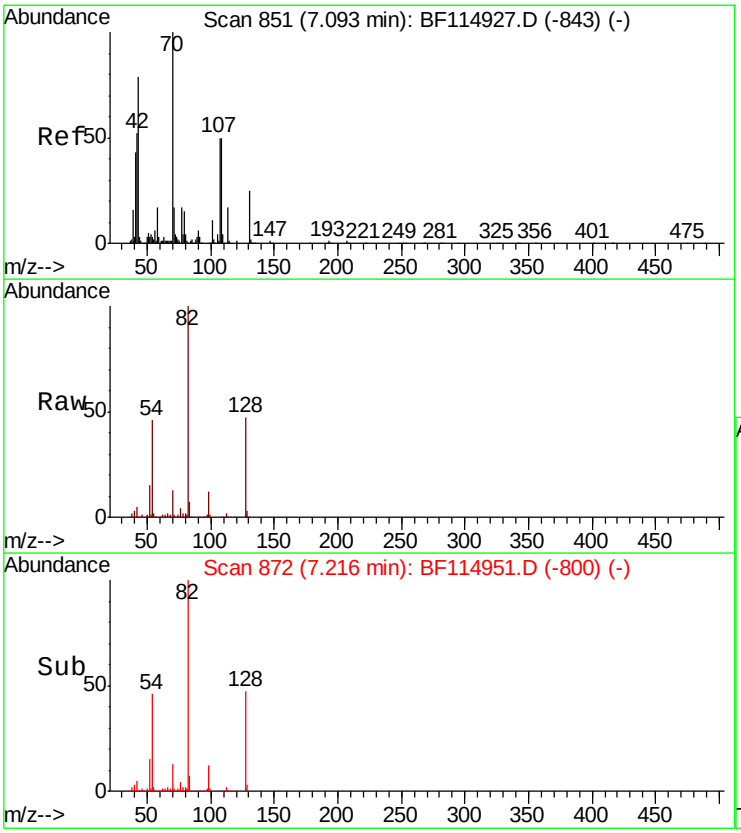
#7
Phenol-d6
Concen: 46.544 ng
RT: 6.30 min Scan# 716
Delta R.T. -0.01 min
Lab File: BF114951.D
Acq: 11 Jun 2019 18:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 823589

Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.1	19.7
71	31.6	26.8	40.2

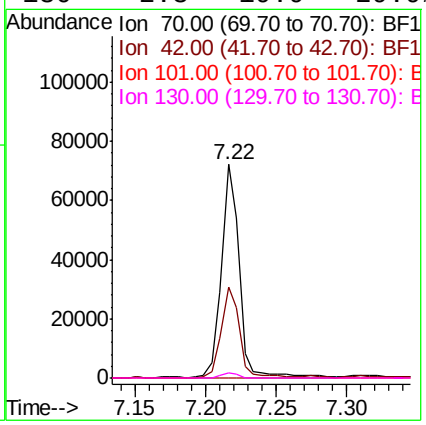


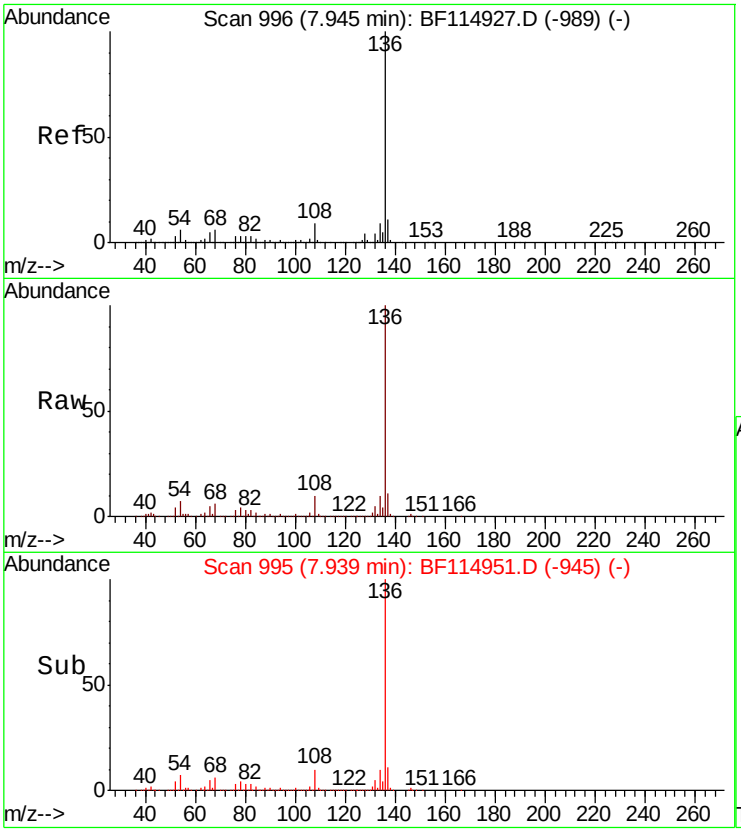


#19
n-Nitroso-di-n-propylamine
Concen: 5.797 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.12 min
Lab File: BF114951.D
Acq: 11 Jun 2019 18:56

Tgt Ion: 70 Resp: 64149

Ion	Ratio	Lower	Upper
70	100		
42	42.4	41.7	62.5
101	0.0	8.4	12.6#
130	2.3	19.9	29.9#



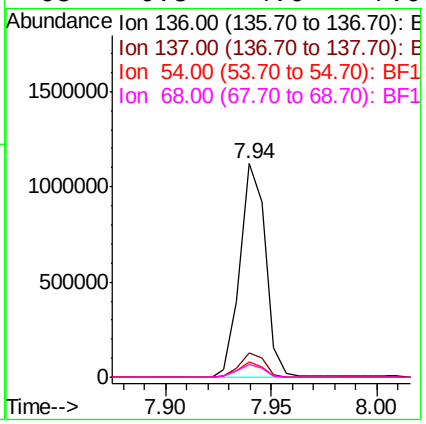


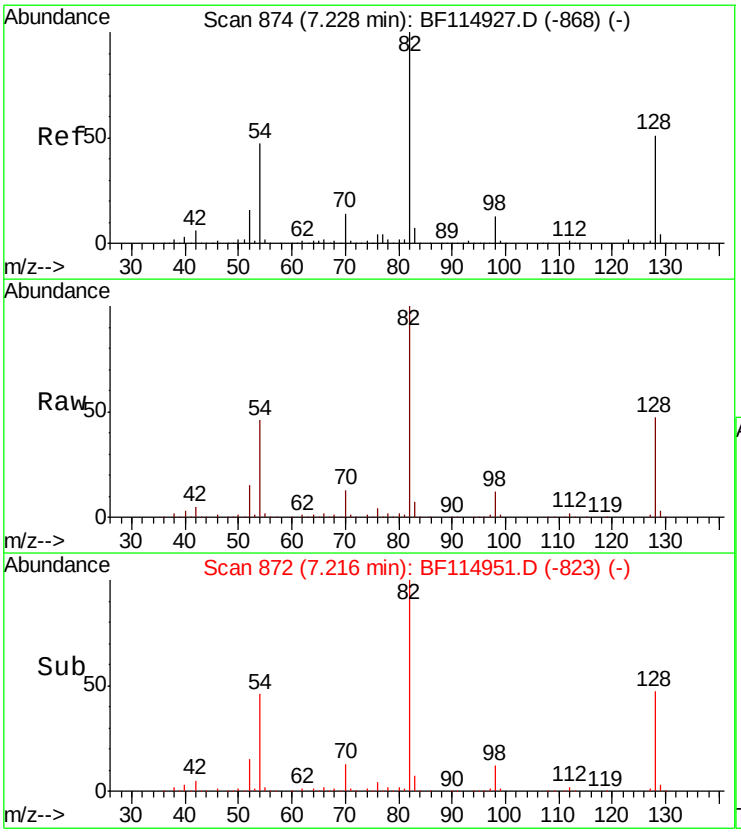
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF114951.D
Acq: 11 Jun 2019 18:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 945906

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.6
54	7.0	5.2	7.8
68	6.3	4.6	7.0

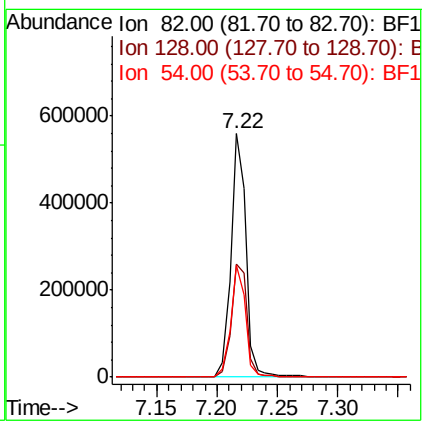


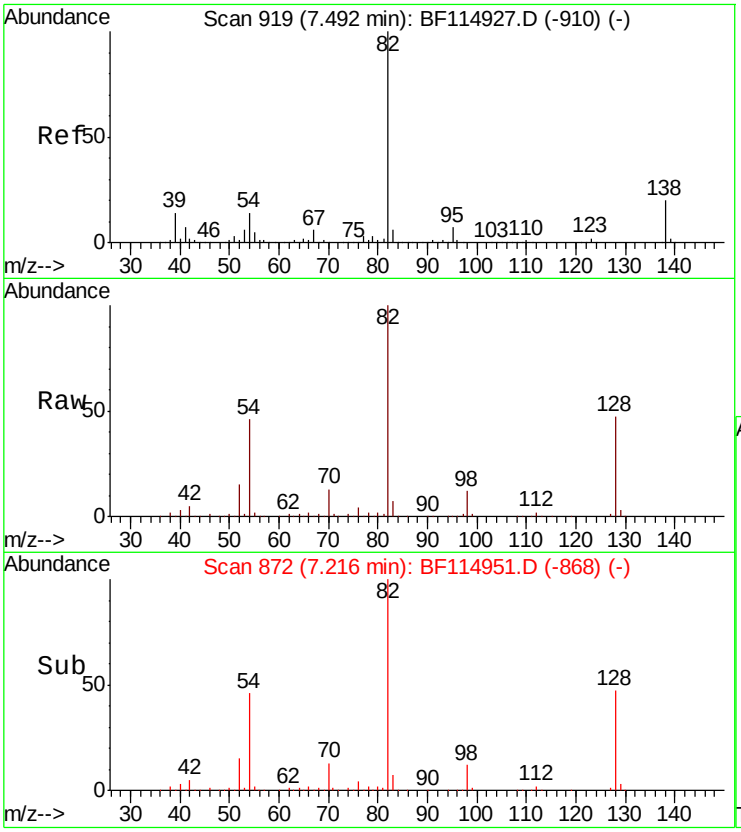


#23
Nitrobenzene-d5
Concen: 31.474 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF114951.D
Acq: 11 Jun 2019 18:56

Tgt Ion: 82 Resp: 484547

Ion	Ratio	Lower	Upper
82	100		
128	46.5	40.9	61.3
54	45.9	37.4	56.0



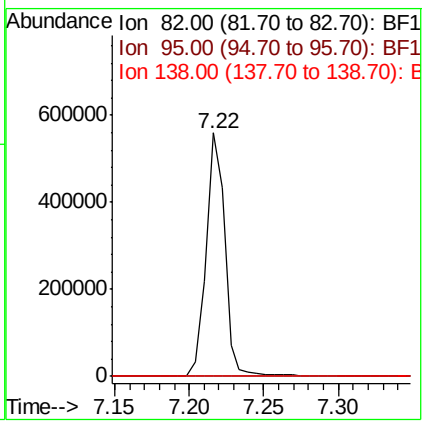


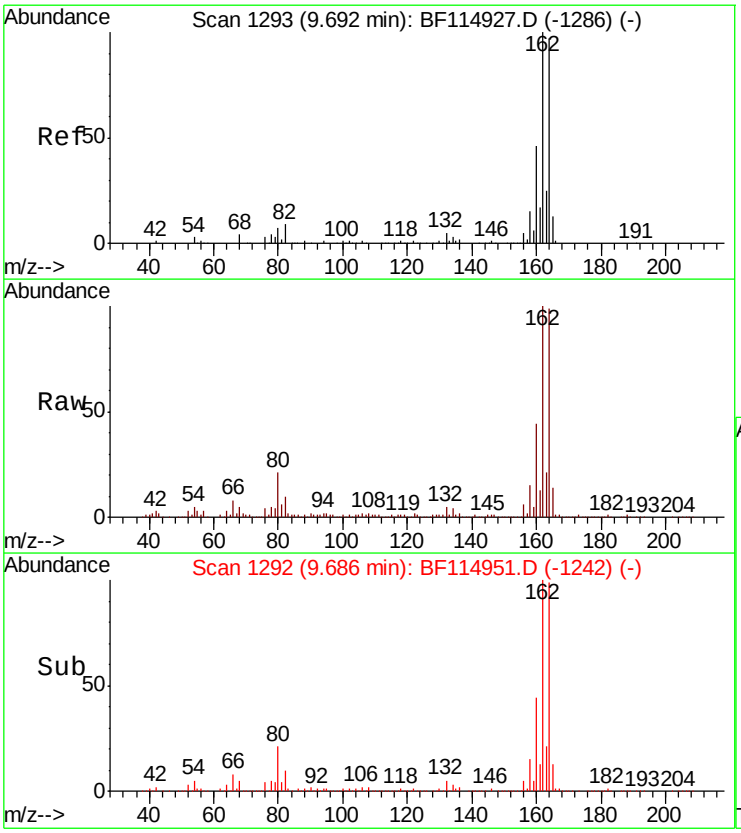
#25
Isophorone
Concen: 15.732 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.28 min
Lab File: BF114951.D
Acq: 11 Jun 2019 18:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 474267

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.7	8.5#
138	0.0	16.4	24.6#

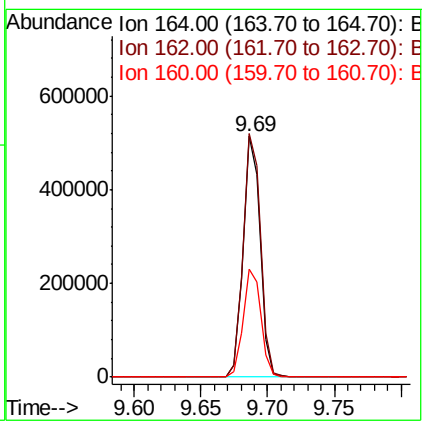


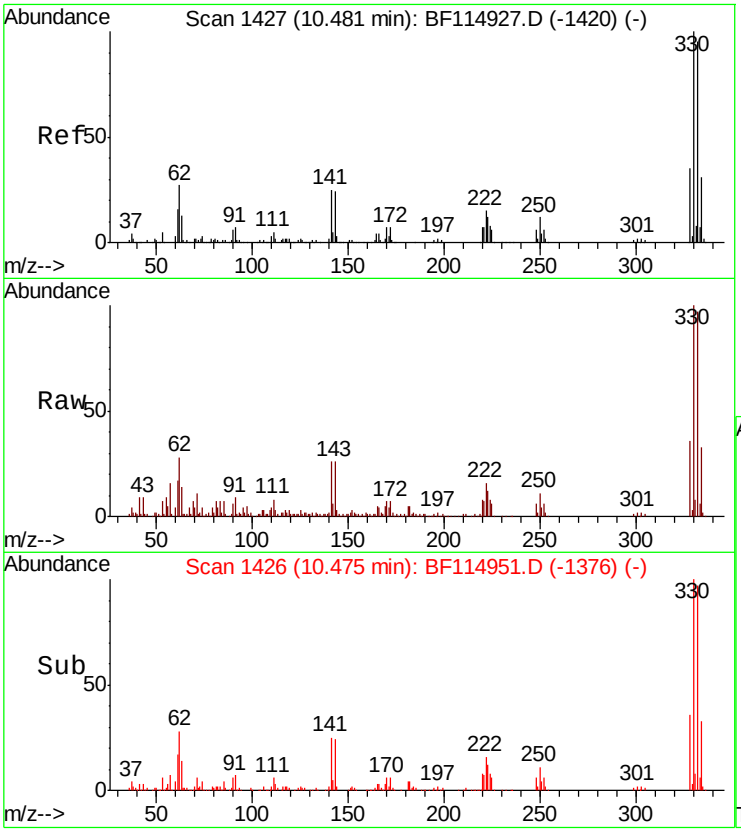


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF114951.D
Acq: 11 Jun 2019 18:56

Tgt Ion:164 Resp: 450578

Ion	Ratio	Lower	Upper
164	100		
162	101.0	82.4	123.6
160	44.8	37.5	56.3



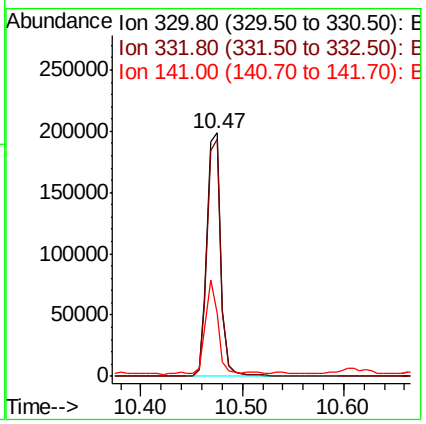


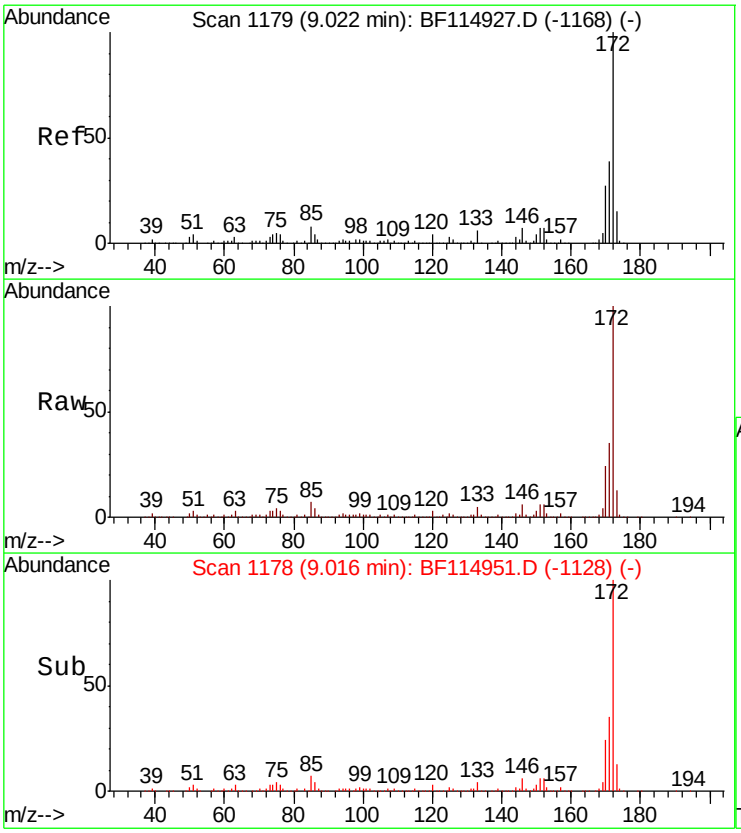
#42
2,4,6-Tribromophenol
Concen: 38.477 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF114951.D
Acq: 11 Jun 2019 18:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 188594

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.4	114.6
141	34.9	26.8	40.2

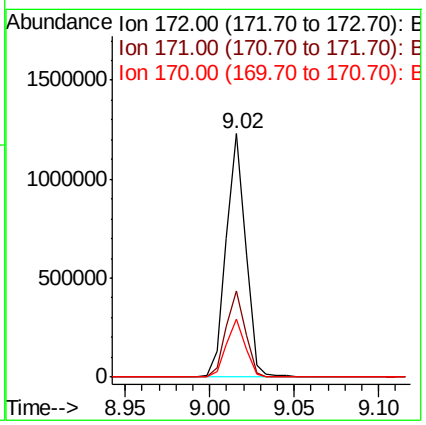


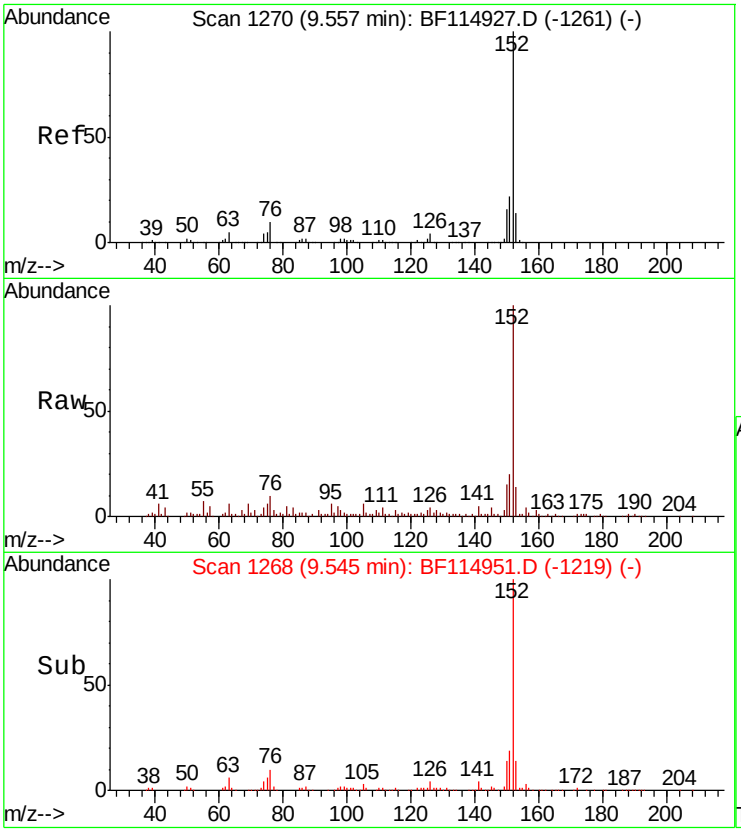


#45
2-Fluorobiphenyl
Concen: 34.694 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF114951.D
Acq: 11 Jun 2019 18:56

Tgt Ion:172 Resp: 984976

Ion	Ratio	Lower	Upper
172	100		
171	35.5	31.3	46.9
170	24.0	21.4	32.0



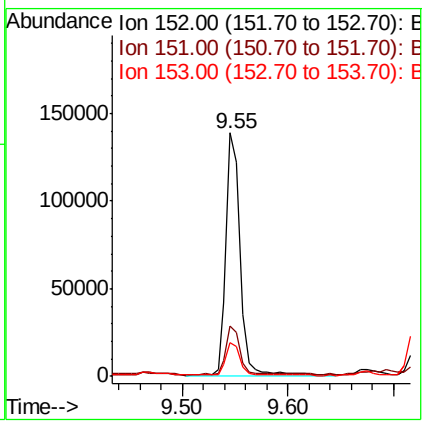


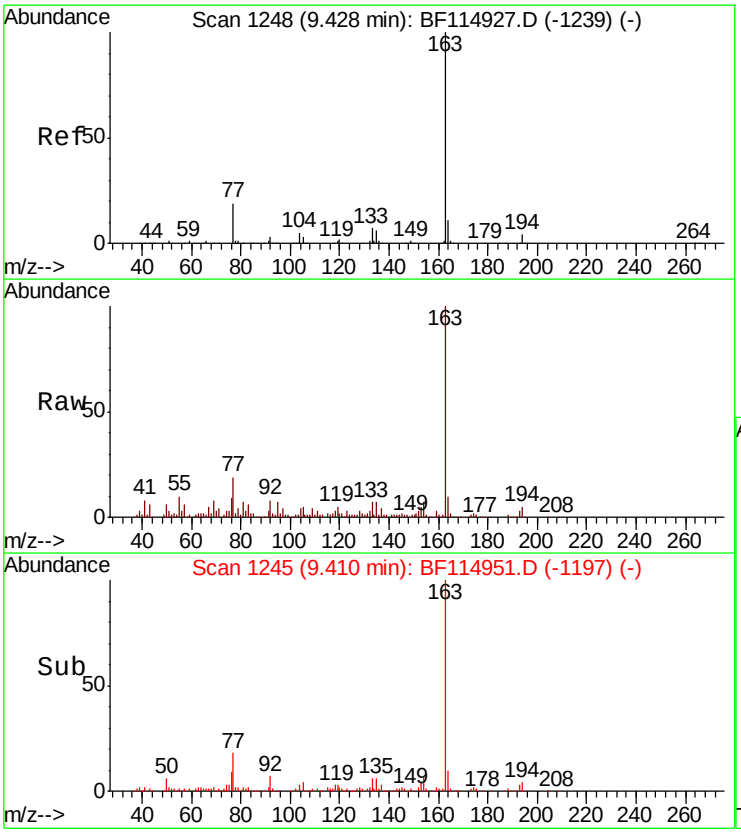
#49
Acenaphthylene
Concen: 3.082 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF114951.D
Acq: 11 Jun 2019 18:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 129256

Ion	Ratio	Lower	Upper
152	100		
151	20.5	17.6	26.4
153	13.7	11.4	17.0

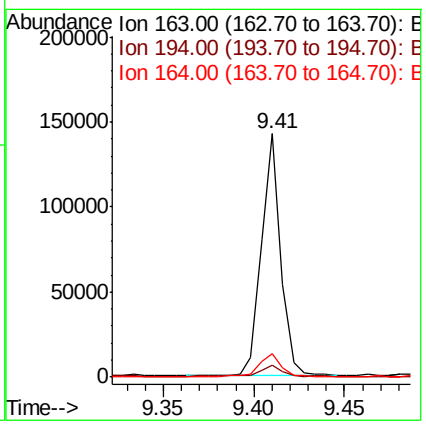


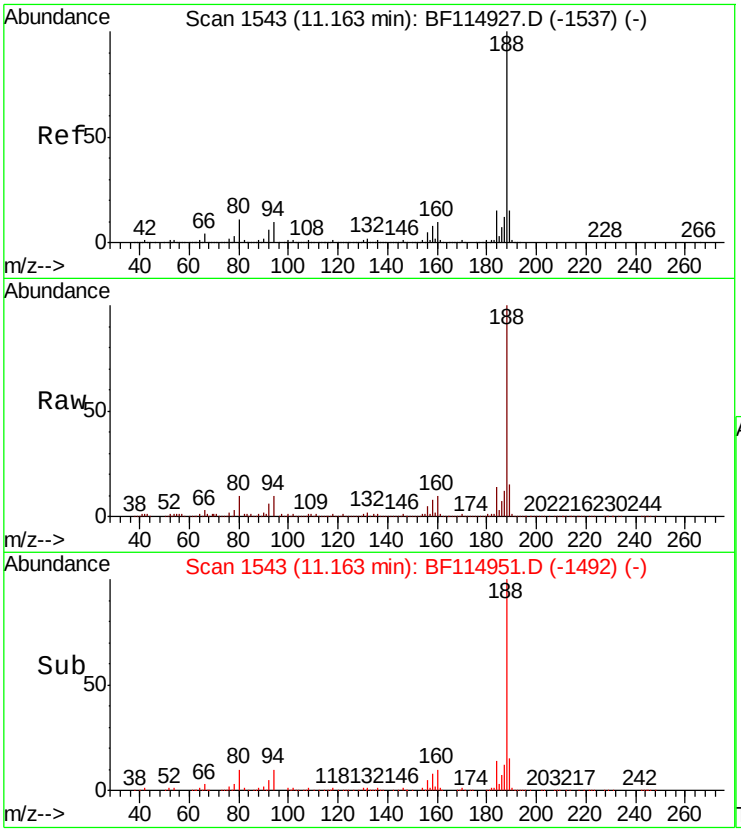


#50
Dimethylphthalate
Concen: 3.129 ng
RT: 9.41 min Scan# 1245
Delta R.T. -0.02 min
Lab File: BF114951.D
Acq: 11 Jun 2019 18:56

Tgt Ion:163 Resp: 105952

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.4	5.0
164	9.7	8.7	13.1



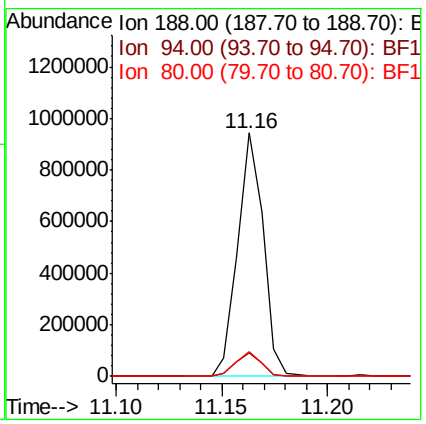


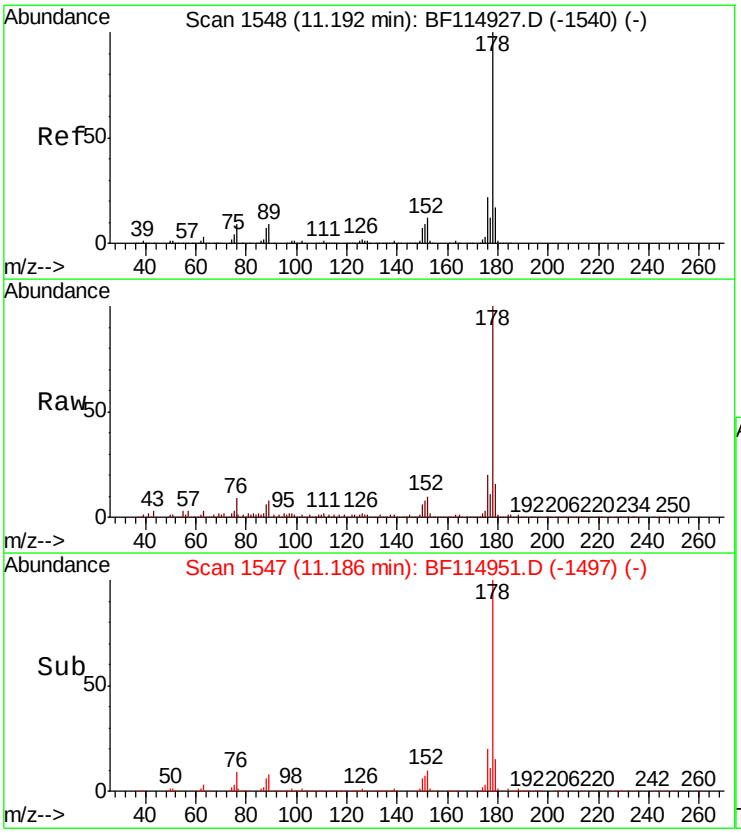
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. 0.00 min
Lab File: BF114951.D
Acq: 11 Jun 2019 18:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 789450

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.1	12.1
80	10.3	8.6	12.8

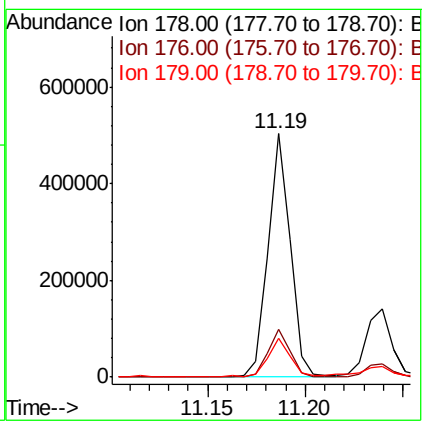


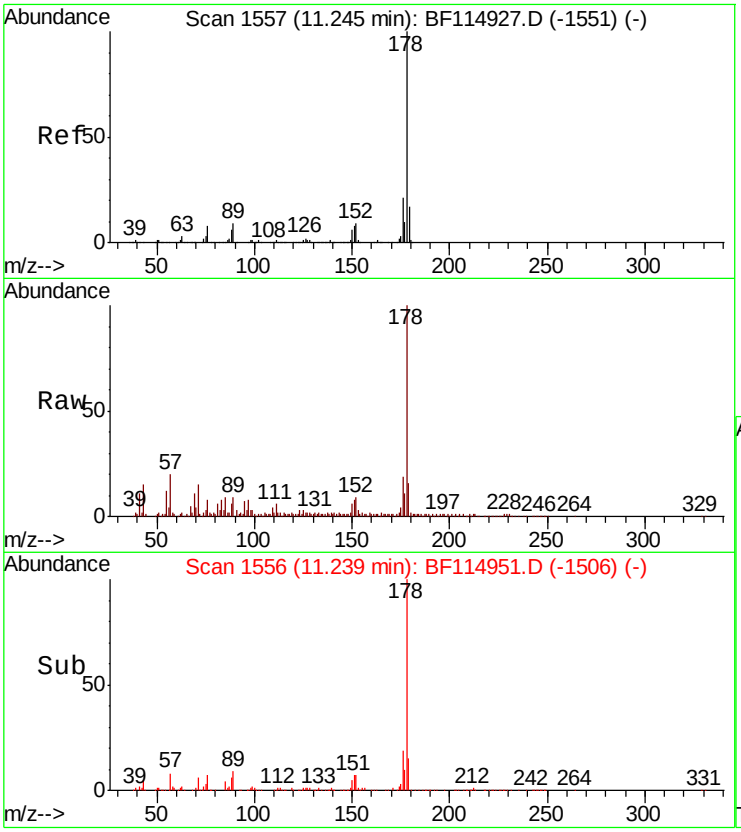


#71
Phenanthrene
Concen: 10.326 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BF114951.D
Acq: 11 Jun 2019 18:56

Tgt Ion:178 Resp: 395507

Ion	Ratio	Lower	Upper
178	100		
176	19.9	17.4	26.2
179	16.0	13.6	20.4



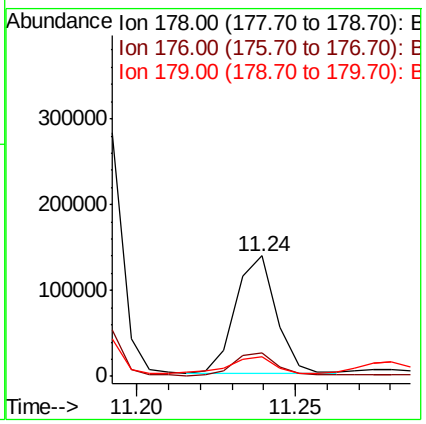


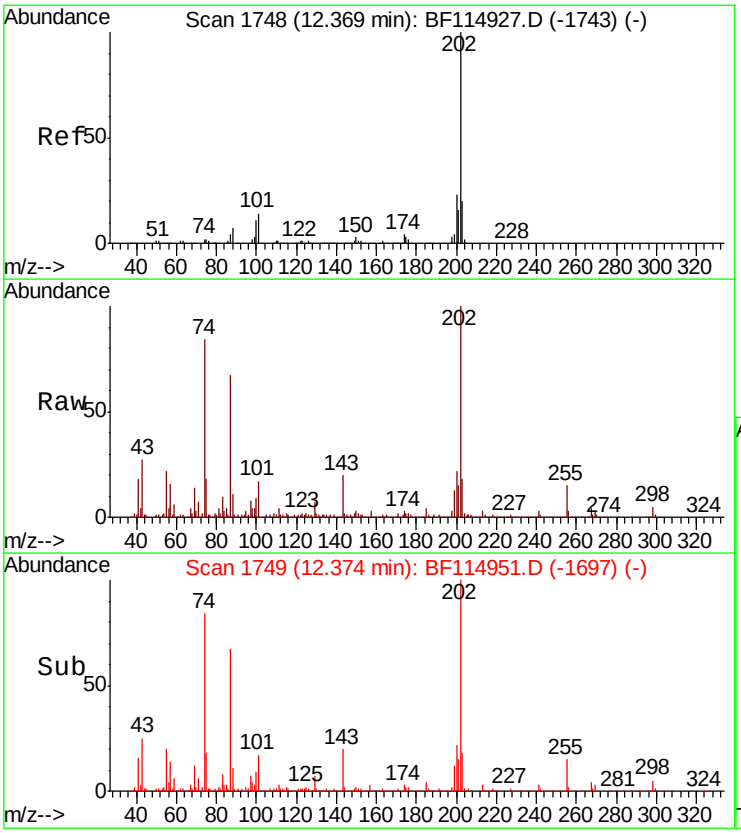
#72
Anthracene
Concen: 3.134 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF114951.D
Acq: 11 Jun 2019 18:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 121830

Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.6	25.0
179	16.1	13.4	20.2

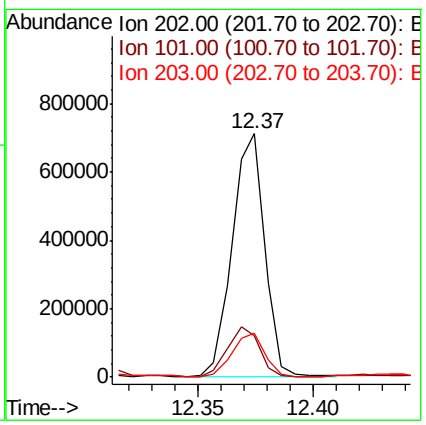


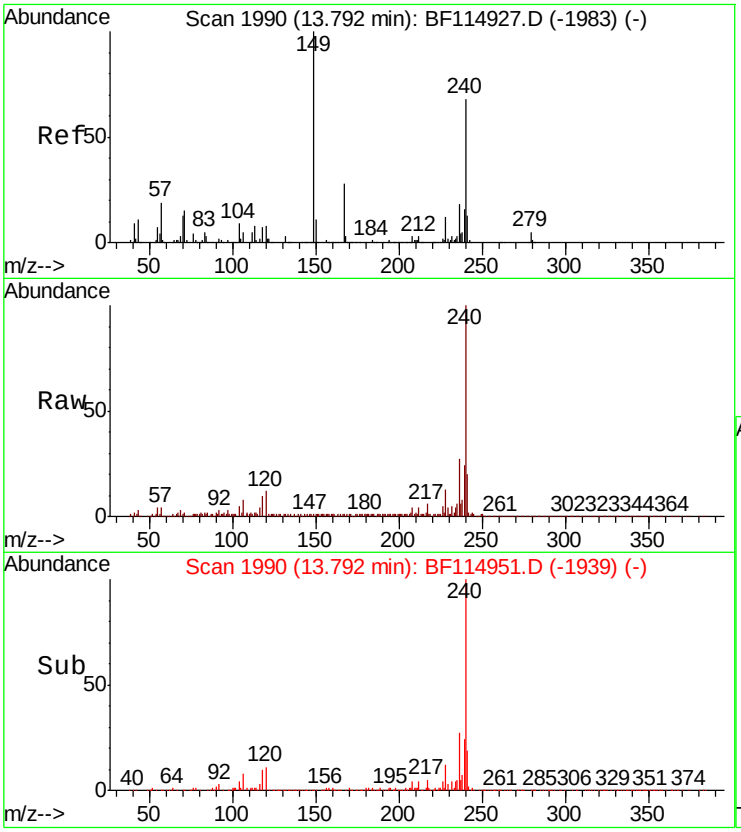


#75
Fluoranthene
Concen: 17.535 ng
RT: 12.37 min Scan# 1749
Delta R.T. 0.01 min
Lab File: BF114951.D
Acq: 11 Jun 2019 18:56

Tgt Ion:202 Resp: 694682

Ion	Ratio	Lower	Upper
202	100		
101	16.8	0.0	34.3
203	17.8	0.0	39.6



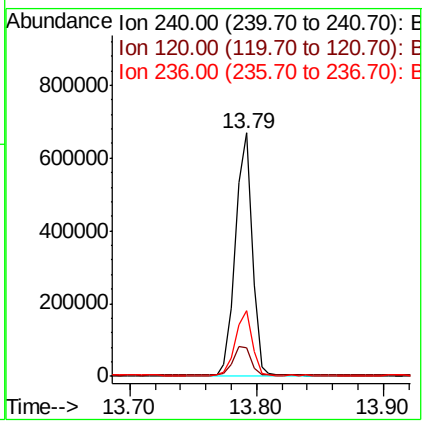


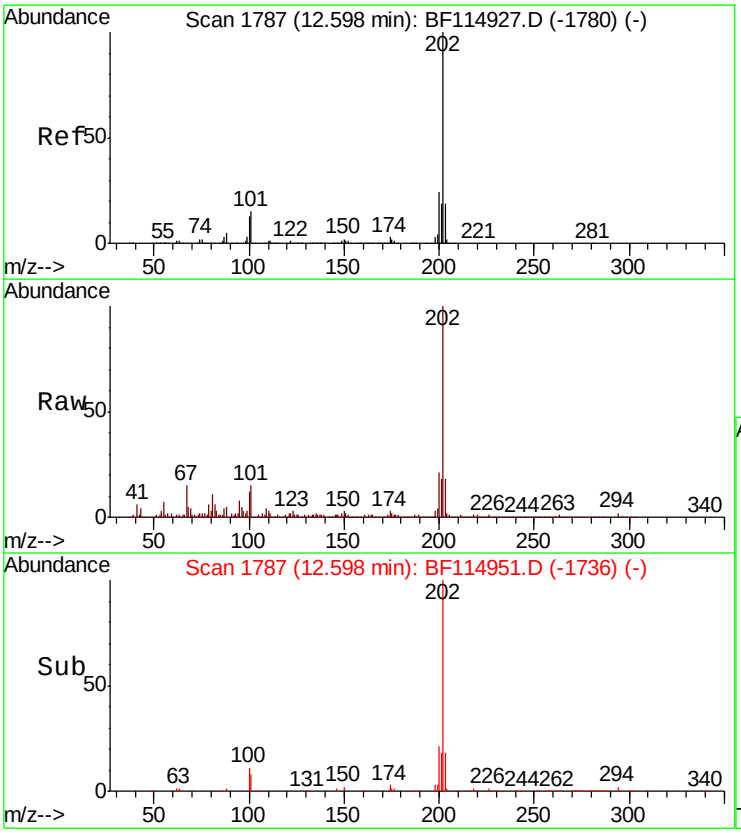
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.79 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BF114951.D
Acq: 11 Jun 2019 18:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 604174

Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.2	13.8
236	27.0	21.7	32.5

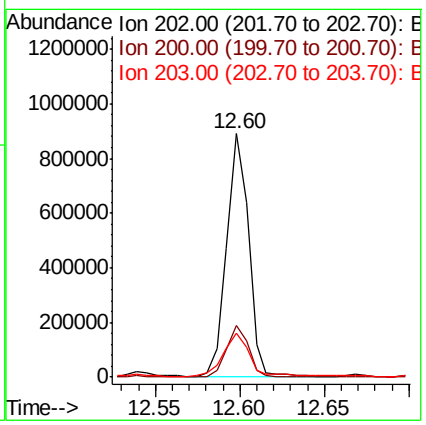


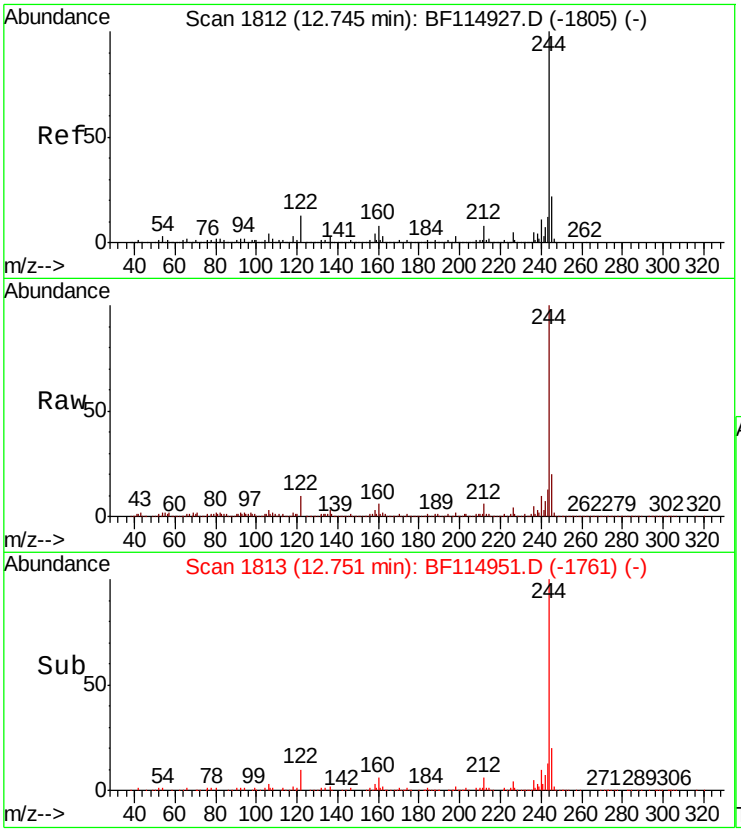


#78
Pyrene
Concen: 15.147 ng
RT: 12.60 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BF114951.D
Acq: 11 Jun 2019 18:56

Tgt Ion:202 Resp: 797020

Ion	Ratio	Lower	Upper
202	100		
200	21.4	18.9	28.3
203	18.0	15.2	22.8



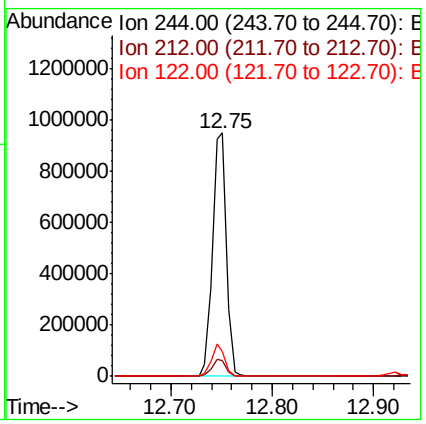


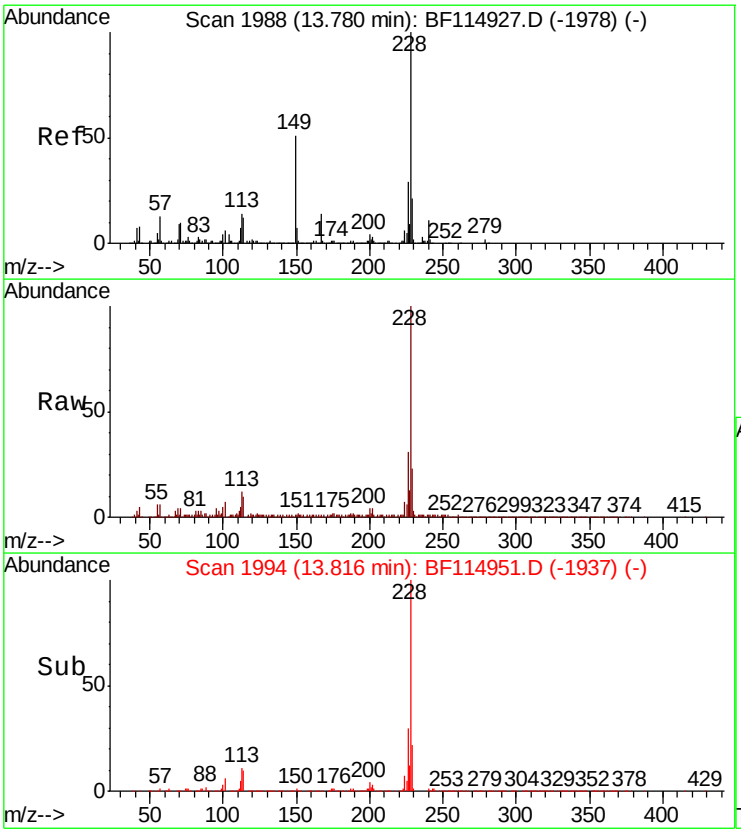
#79
Terphenyl-d14
Concen: 29.765 ng
RT: 12.75 min Scan# 1813
Delta R.T. 0.01 min
Lab File: BF114951.D
Acq: 11 Jun 2019 18:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 904275

Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.2	9.2
122	10.1	10.2	15.4#

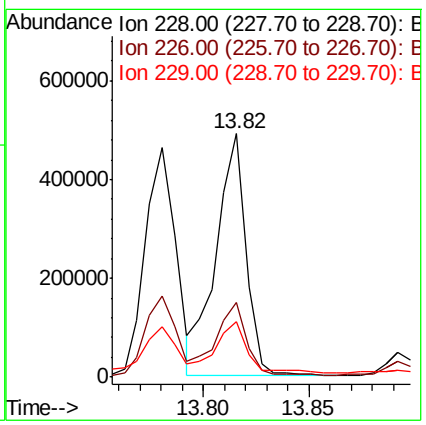


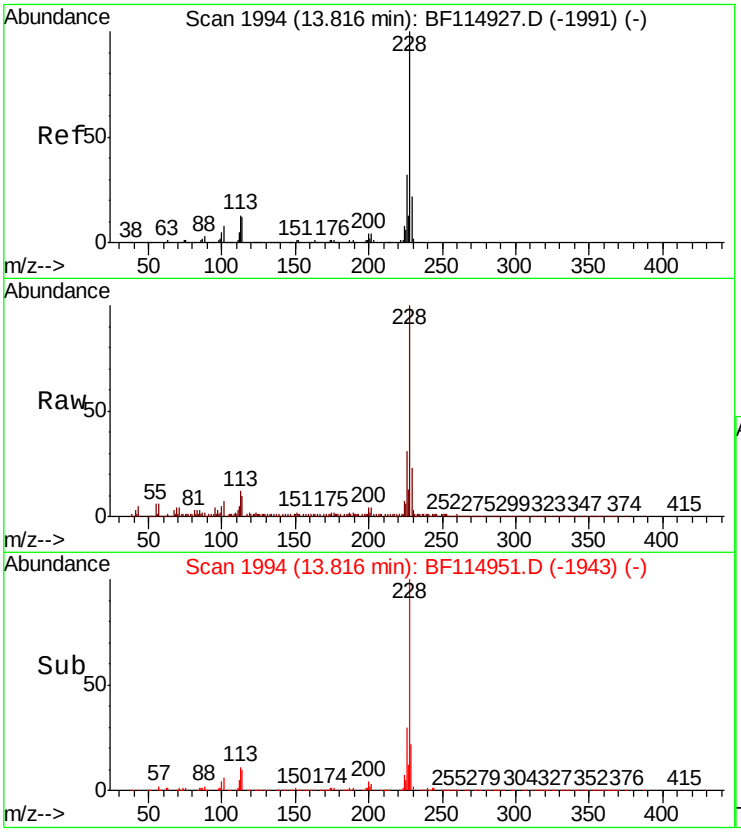


#81
Benzo(a)anthracene
Concen: 10.735 ng
RT: 13.82 min Scan# 1994
Delta R.T. 0.04 min
Lab File: BF114951.D
Acq: 11 Jun 2019 18:56

Tgt Ion:228 Resp: 479588

Ion	Ratio	Lower	Upper
228	100		
226	30.8	22.8	34.2
229	22.7	16.6	25.0



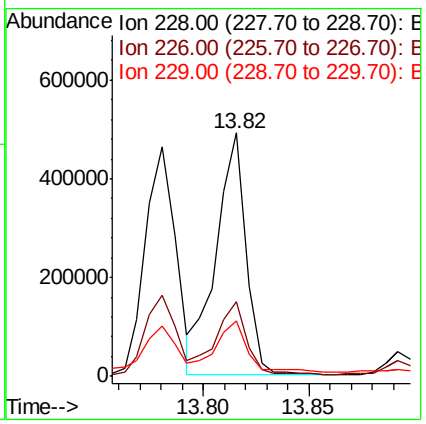


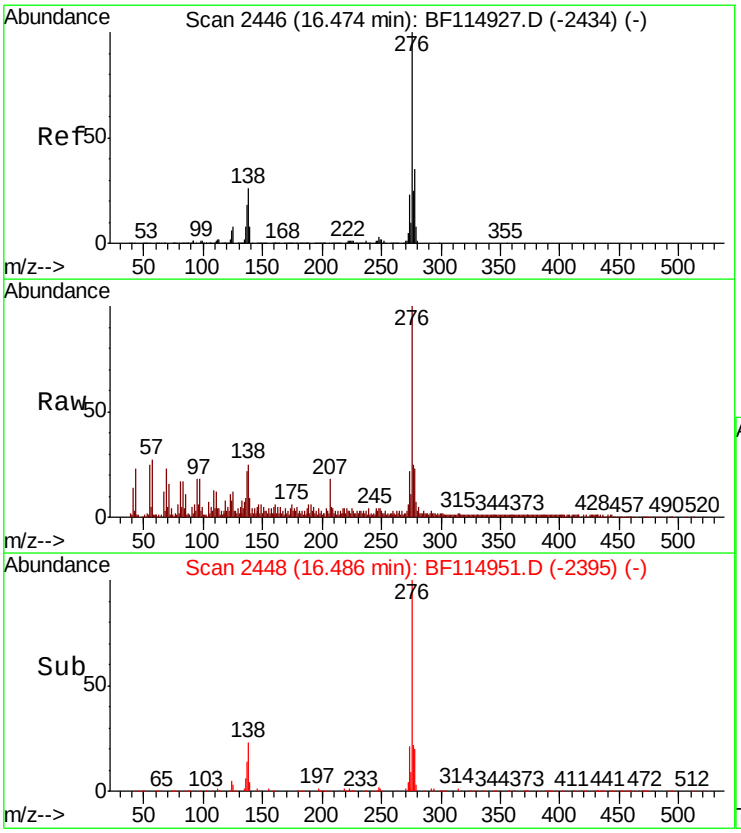
#83
Chrysene
Concen: 10.691 ng
RT: 13.82 min Scan# 1994
Delta R.T. 0.00 min
Lab File: BF114951.D
Acq: 11 Jun 2019 18:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 479588

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.8	38.8
229	22.7	17.2	25.8

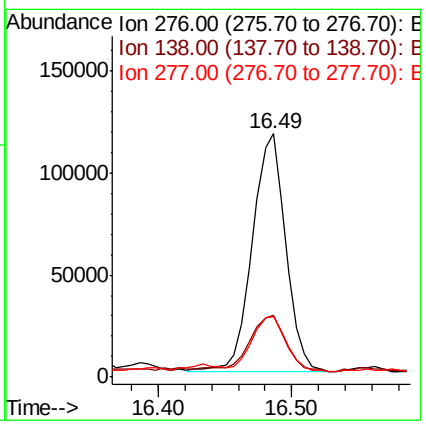


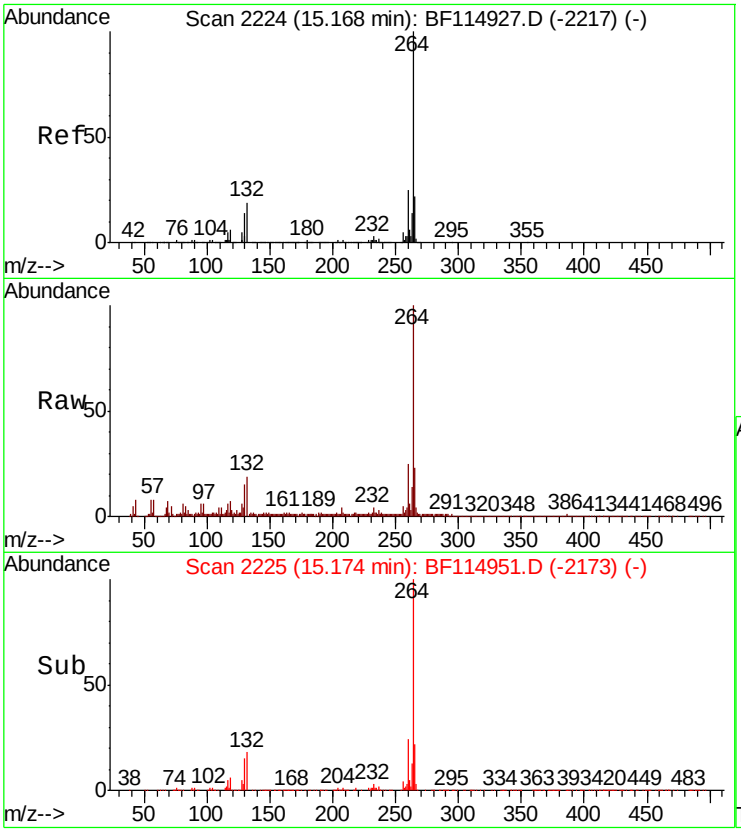


#86
Indeno(1,2,3-cd)pyrene
Concen: 4.808 ng
RT: 16.49 min Scan# 2448
Delta R.T. 0.01 min
Lab File: BF114951.D
Acq: 11 Jun 2019 18:56

Tgt Ion:276 Resp: 202780

Ion	Ratio	Lower	Upper
276	100		
138	25.5	23.3	34.9
277	23.9	20.5	30.7



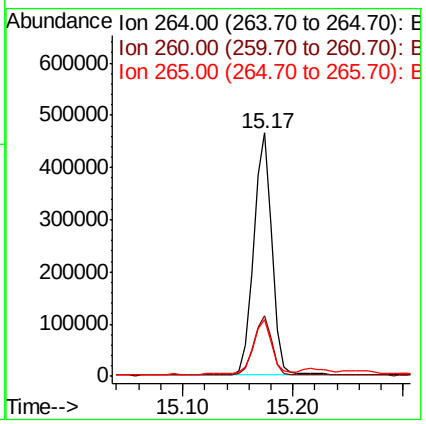


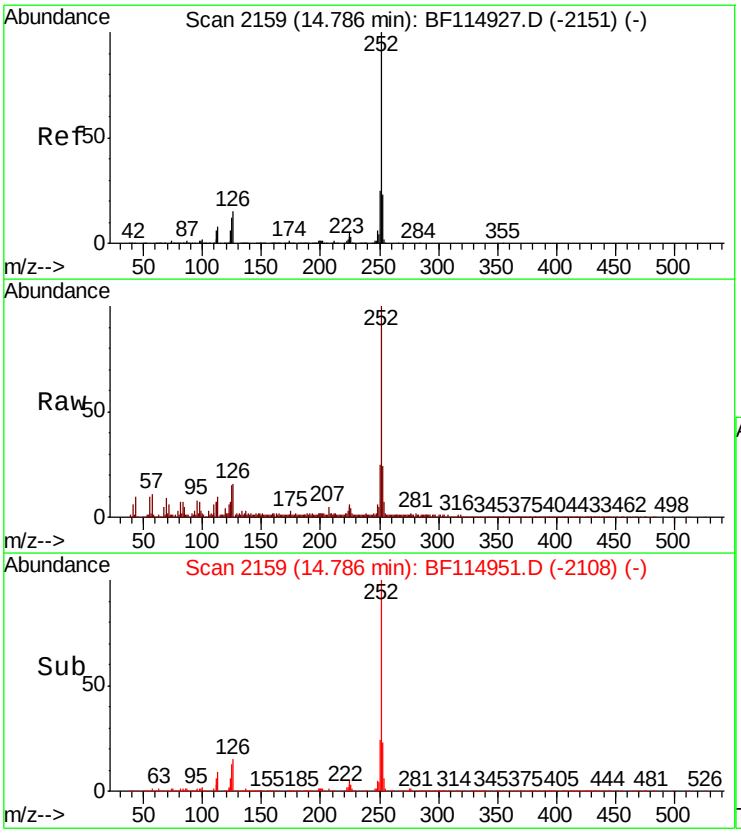
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BF114951.D
Acq: 11 Jun 2019 18:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 536999

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.7	29.5
265	23.1	17.5	26.3

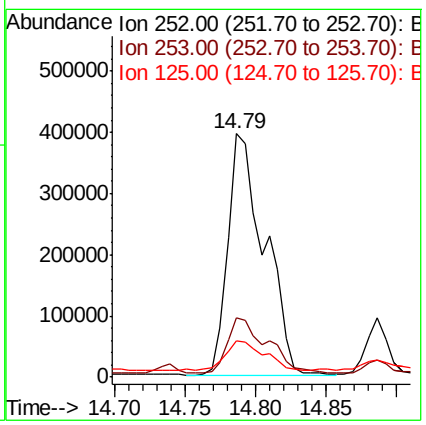


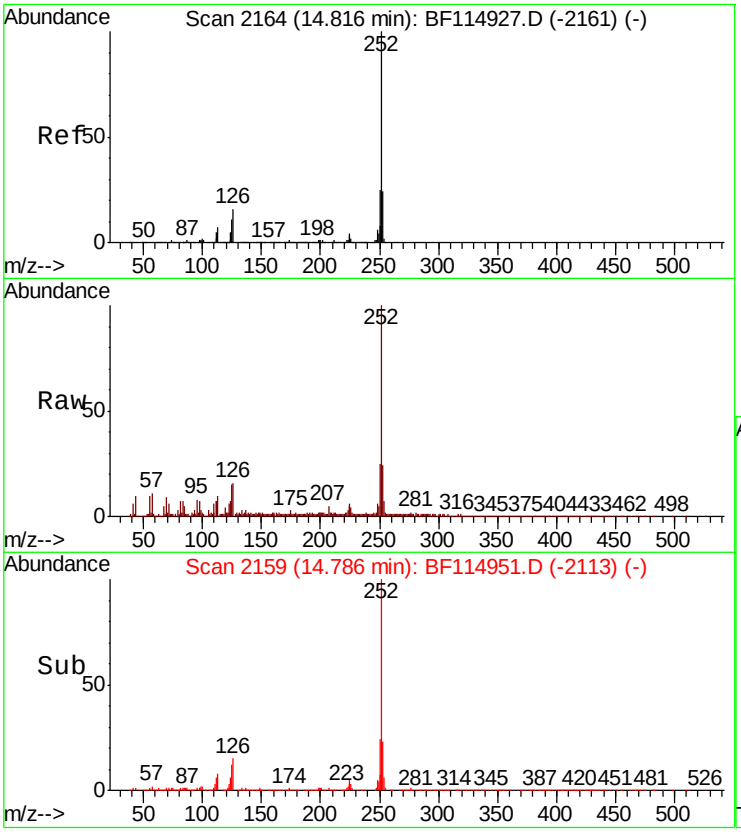


#88
Benzo(b)fluoranthene
Concen: 20.519 ng
RT: 14.79 min Scan# 2159
Delta R.T. 0.00 min
Lab File: BF114951.D
Acq: 11 Jun 2019 18:56

Tgt Ion:252 Resp: 717335

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.6	28.0
125	15.1	9.5	14.3#



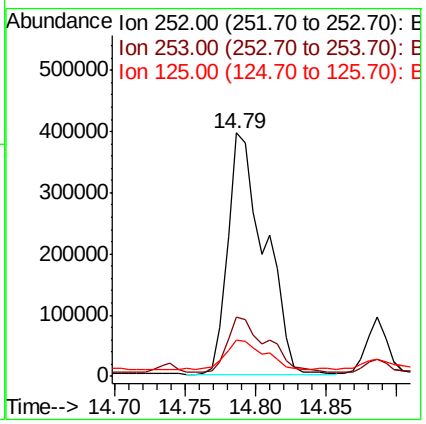


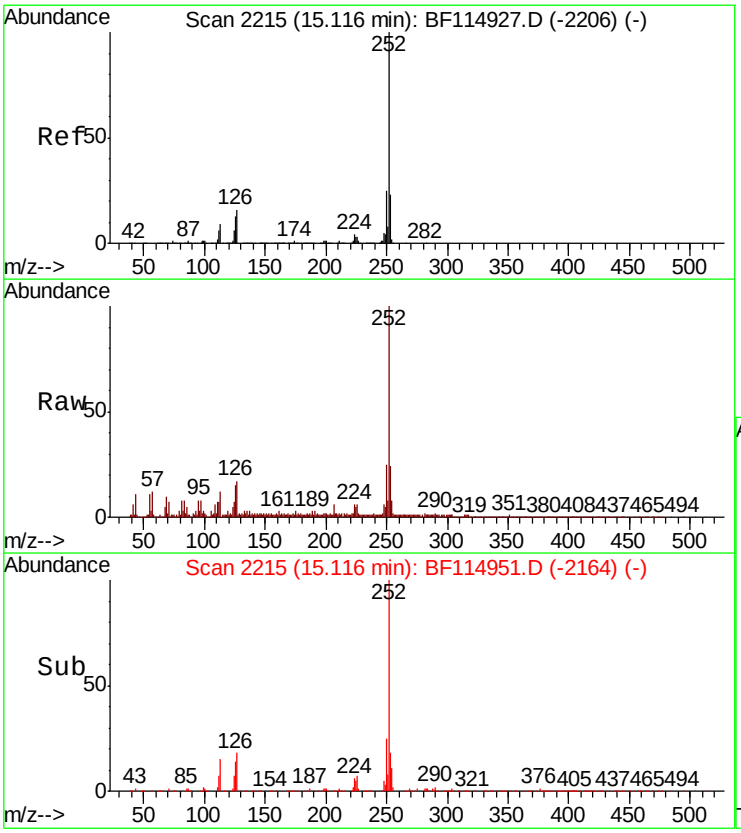
#89
Benzo(k)fluoranthene
Concen: 23.643 ng
RT: 14.79 min Scan# 2159
Delta R.T. -0.03 min
Lab File: BF114951.D
Acq: 11 Jun 2019 18:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 717335

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.6	28.0
125	15.1	9.2	13.8#

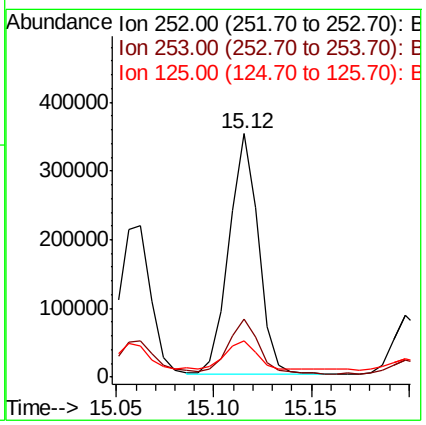


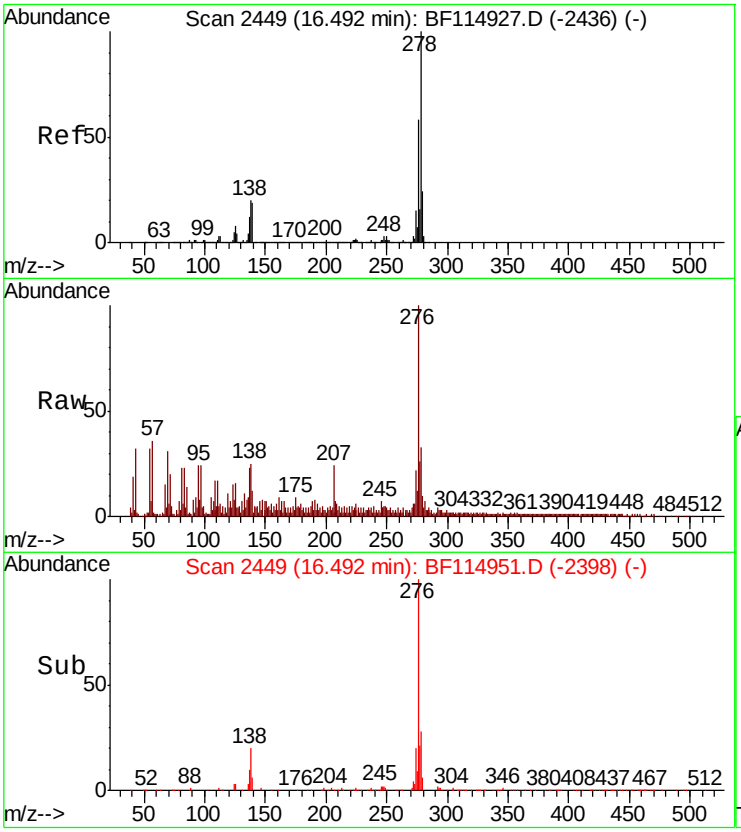


#90
Benzo(a)pyrene
Concen: 11.982 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.00 min
Lab File: BF114951.D
Acq: 11 Jun 2019 18:56

Tgt Ion:252 Resp: 363857

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.2	27.2
125	14.8	10.1	15.1



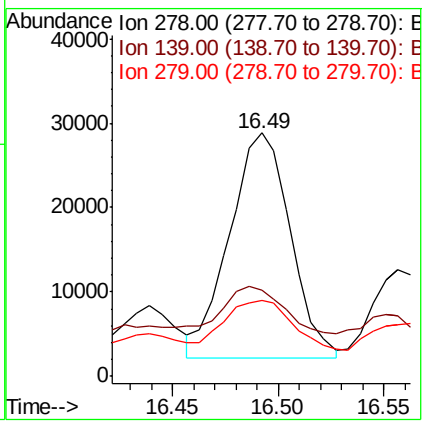


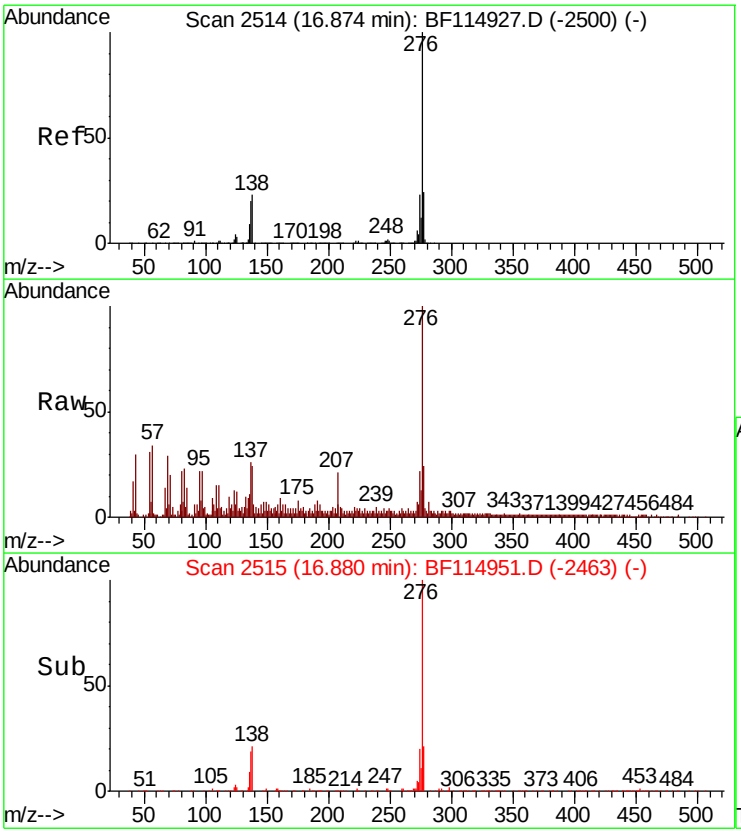
#91
Dibenzo(a,h)anthracene
Concen: 2.067 ng
RT: 16.49 min Scan# 2449
Delta R.T. 0.00 min
Lab File: BF114951.D
Acq: 11 Jun 2019 18:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 53030

Ion	Ratio	Lower	Upper
278	100		
139	35.5	15.1	22.7#
279	31.3	19.6	29.4#





#92
Benzo(g,h,i)perylene
Concen: 7.110 ng
RT: 16.88 min Scan# 2515
Delta R.T. 0.01 min
Lab File: BF114951.D
Acq: 11 Jun 2019 18:56

Tgt Ion:276 Resp: 181776

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.0	28.6
138	24.4	18.7	28.1