Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF020619\
Data File : BF112424.D
Acq On : 6 Feb 2019 17:10
Operator : JU/SJ
Sample : K1379-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-6A

Quant Time: Feb 06 23:54:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	149287	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	591740	20.00	ng		-0.01
39) Acenaphthene-d10	9.87	164	273453	20.00	ng		-0.02
64) Phenanthrene-d10	11.36	188	426596	20.00	ng		-0.01
76) Chrysene-d12	14.00	240	326612	20.00	ng		0.00
87) Perylene-d12	15.47	264	306320	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	176875	25.17	ng		-0.02
7) Phenol-d6	6.48	99	233112	23.87	ng		-0.01
23) Nitrobenzene-d5	7.39	82	137104	13.35	ng		-0.02
42) 2,4,6-Tribromophenol	10.66	330	57573	18.09	ng		-0.02
45) 2-Fluorobiphenyl	9.19	172	248601	12.86	ng		-0.02
79) Terphenyl-d14	12.93	244	171676	9.90	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.39	70	18545	2.754	ng	#	77
25) Isophorone	7.39	82	137103	8.510	ng	#	63
49) Acenaphthylene	9.73	152	79421	2.923	ng		97
51) 2,6-Dinitrotoluene	9.87	165	37660	7.915	ng	#	36
52) Acenaphthene	9.90	154	53575	3.301	ng		99
71) Phenanthrene	11.38	178	227225	10.245	ng		97
72) Anthracene	11.43	178	78966	3.574	ng		98
75) Fluoranthene	12.57	202	358203	15.059	ng		97
78) Pyrene	12.80	202	477461	21.115	ng		97
81) Benzo(a)anthracene	13.99	228	226386	11.791	ng		98
83) Chrysene	14.03	228	209354	11.423	ng		97
86) Indeno(1,2,3-cd)pyrene	16.95	276	90485	6.231	ng	#	93
88) Benzo(b)fluoranthene	15.04	252	357094	19.493	ng		99
89) Benzo(k)fluoranthene	15.04	252	357094	20.350	ng		100
90) Benzo(a)pyrene	15.41	252	183558	11.136	ng	#	96
91) Dibenzo(a,h)anthracene	16.95	278	26616	2.003	ng	#	88
92) Benzo(g,h,i)perylene	17.40	276	93525	7.462	ng		97

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

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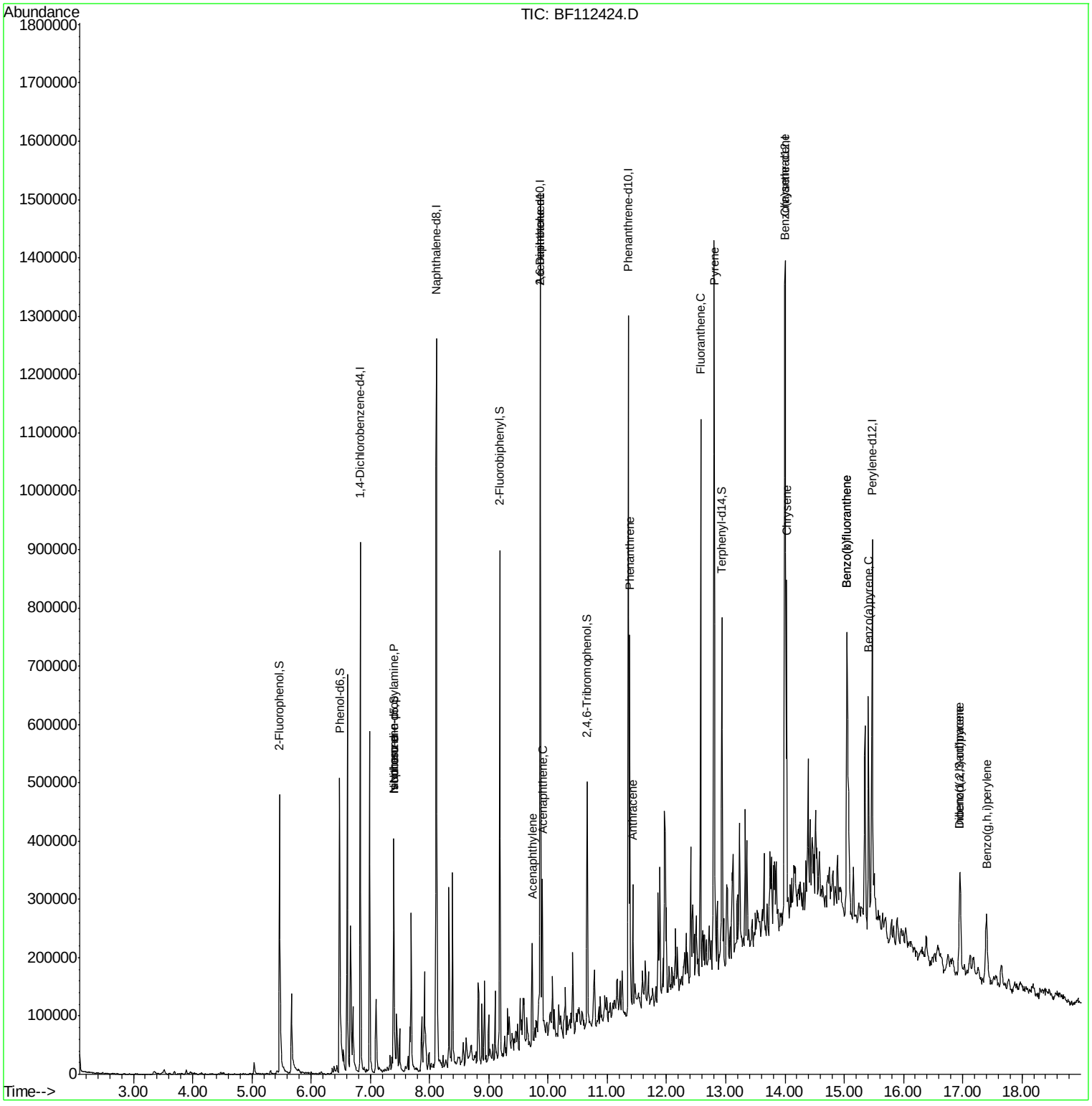
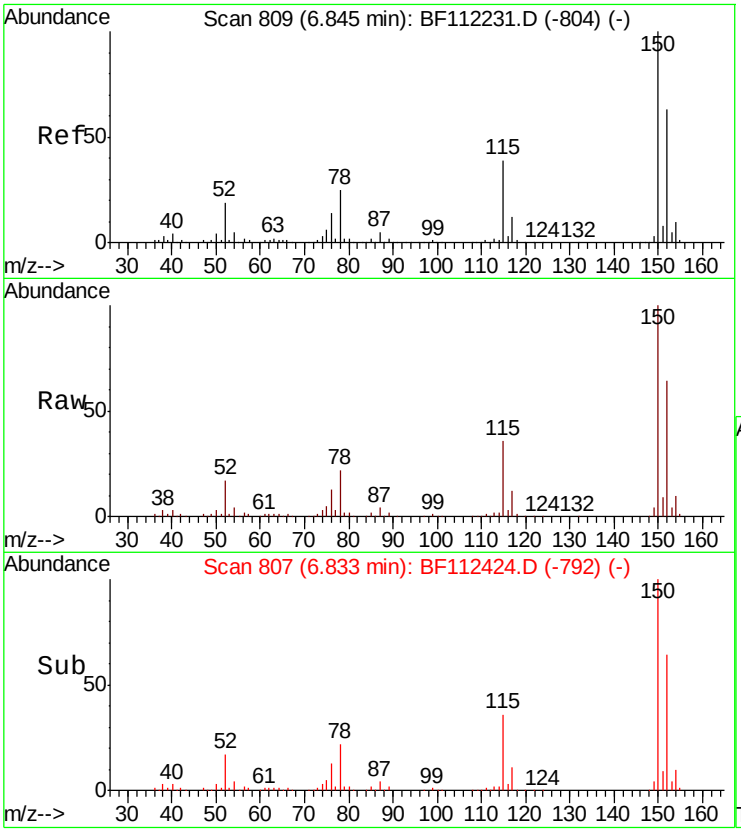


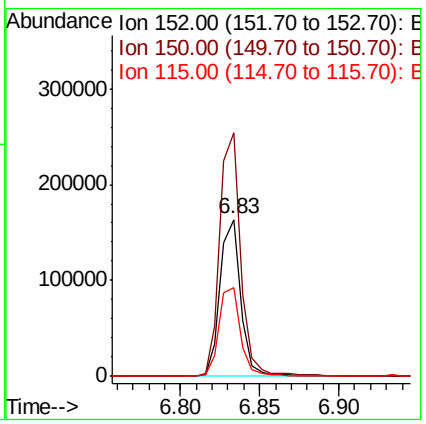


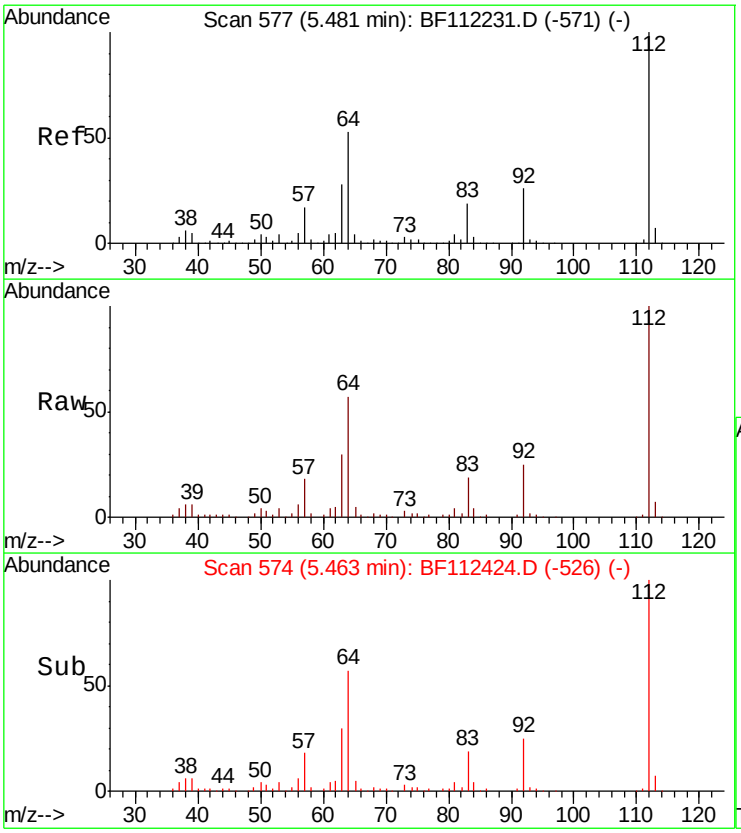
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112424.D
Acq: 6 Feb 2019 17:10

Instrument :
BNA_F
ClientSampleId :
HR-6A

Tgt Ion:152 Resp: 149287

Ion	Ratio	Lower	Upper
152	100		
150	155.4	127.4	191.0
115	56.5	45.5	68.3

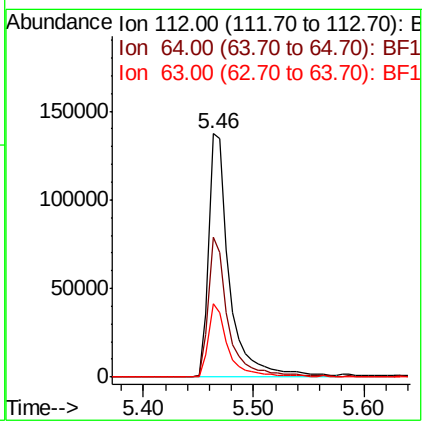


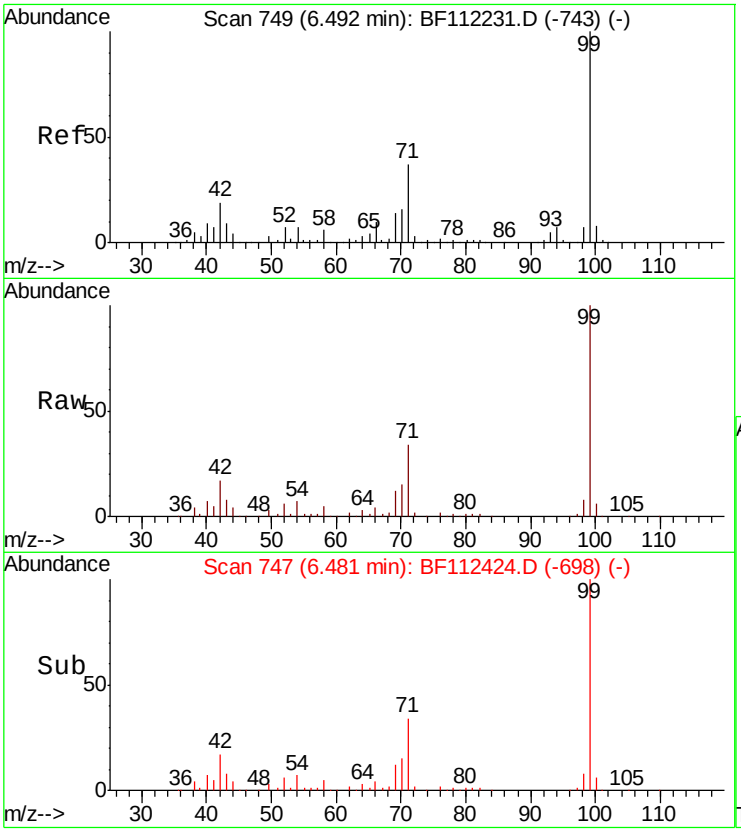


#5
2-Fluorophenol
Concen: 25.166 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.02 min
Lab File: BF112424.D
Acq: 6 Feb 2019 17:10

Tgt Ion:112 Resp: 176875

Ion	Ratio	Lower	Upper
112	100		
64	57.4	45.7	68.5
63	30.2	23.6	35.4



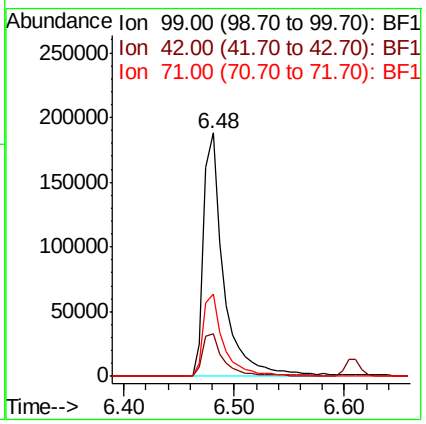


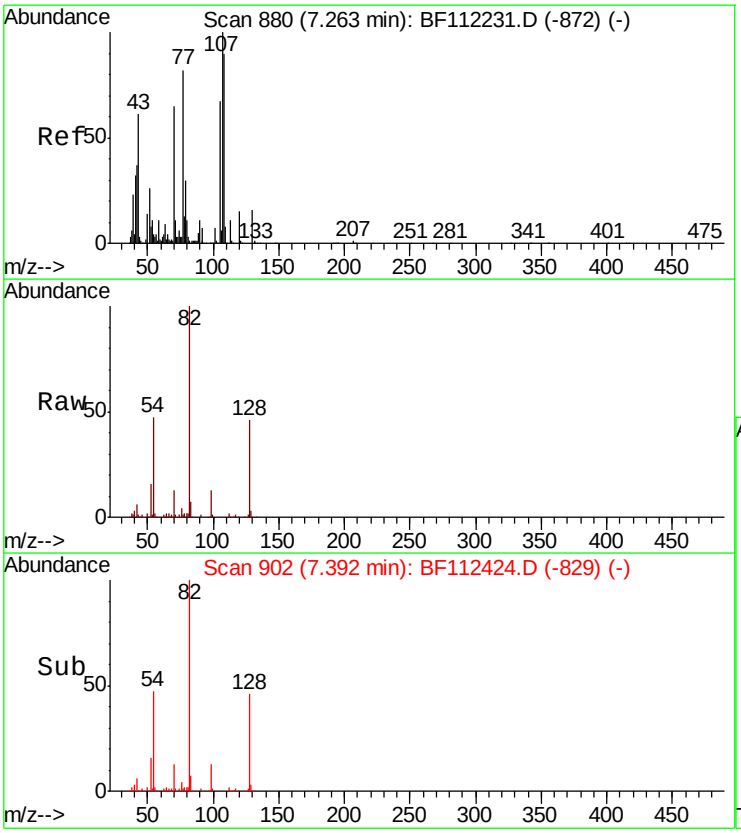
#7
Phenol-d6
Concen: 23.869 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF112424.D
Acq: 6 Feb 2019 17:10

Instrument :
BNA_F
ClientSampleId :
HR-6A

Tgt Ion: 99 Resp: 233112

Ion	Ratio	Lower	Upper
99	100		
42	17.3	15.1	22.7
71	33.8	26.9	40.3

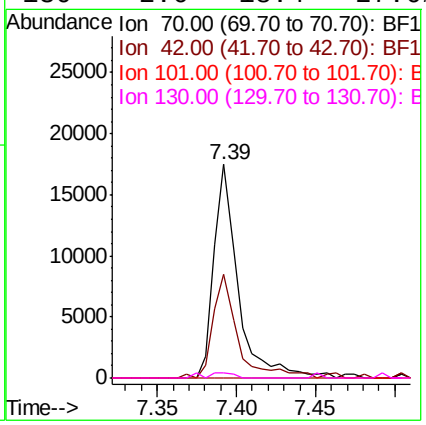


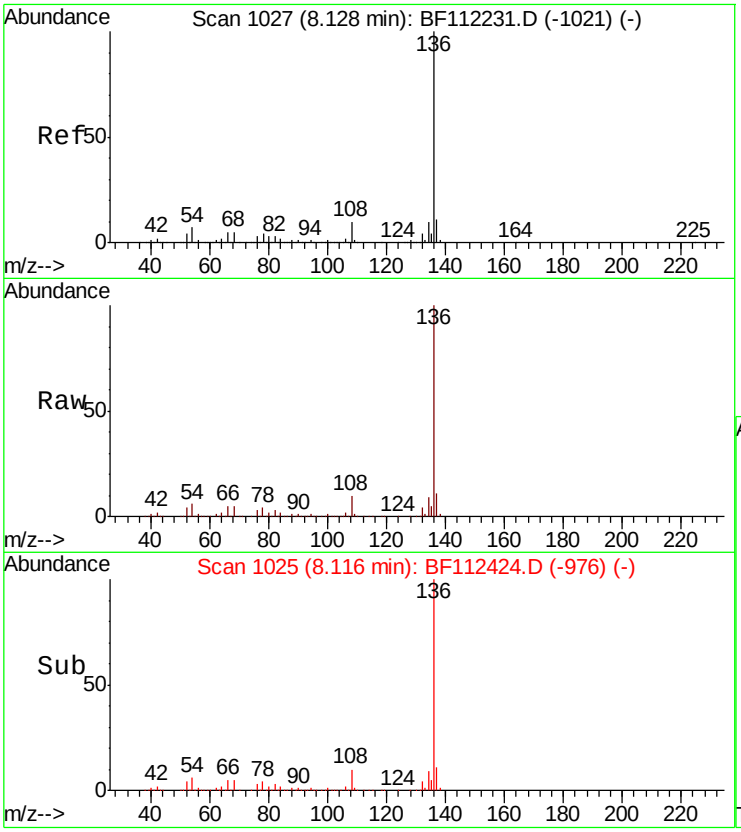


#19
n-Nitroso-di-n-propylamine
Concen: 2.754 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.13 min
Lab File: BF112424.D
Acq: 6 Feb 2019 17:10

Tgt Ion: 70 Resp: 18545

Ion	Ratio	Lower	Upper
70	100		
42	48.7	47.6	71.4
101	0.0	7.9	11.9#
130	2.6	18.4	27.6#



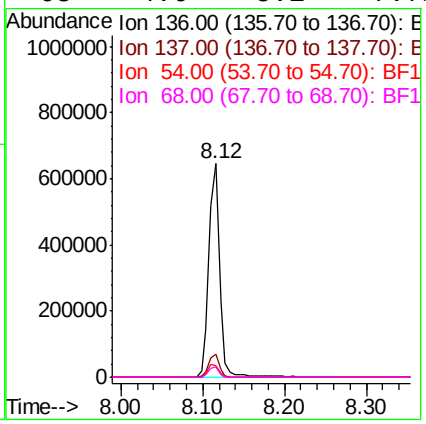


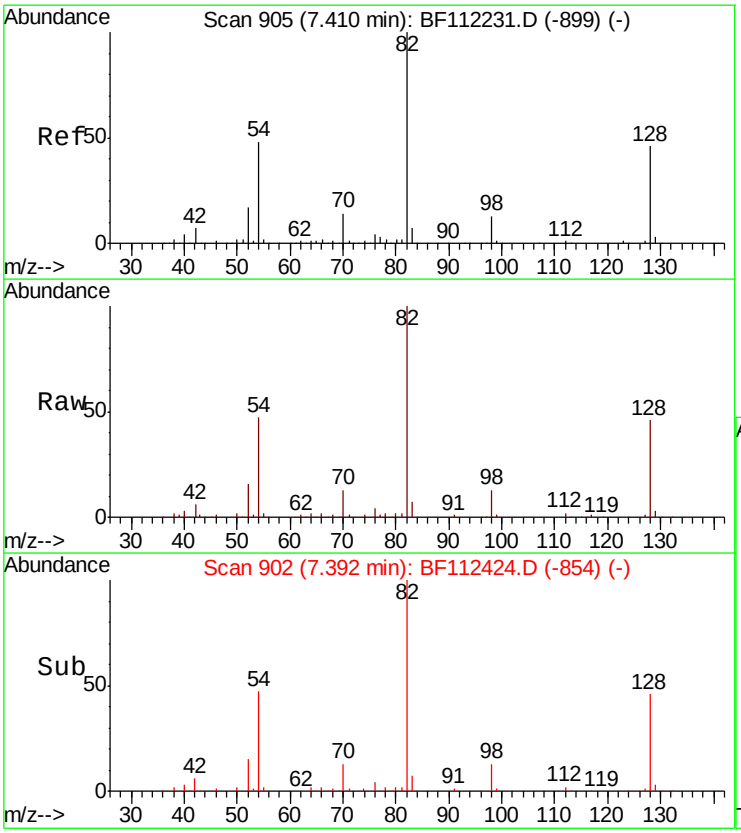
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112424.D
Acq: 6 Feb 2019 17:10

Instrument :
BNA_F
ClientSampleId :
HR-6A

Tgt Ion:136 Resp: 591740

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	5.7	5.9	8.9#
68	4.6	5.1	7.7#

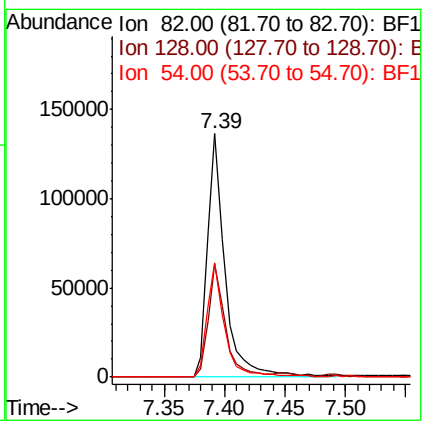


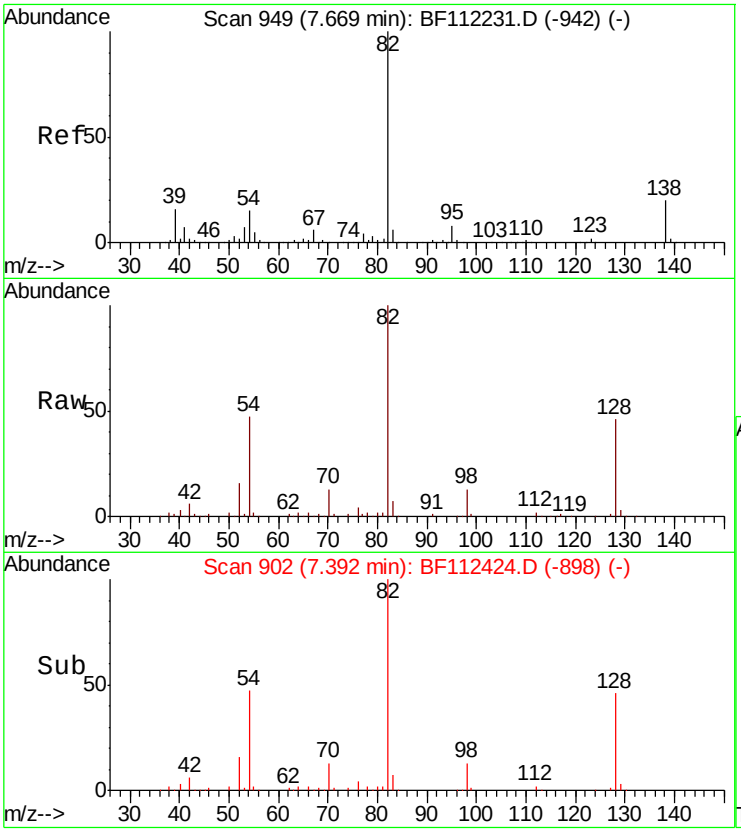


#23
Nitrobenzene-d5
Concen: 13.350 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF112424.D
Acq: 6 Feb 2019 17:10

Tgt Ion: 82 Resp: 137104

Ion	Ratio	Lower	Upper
82	100		
128	46.4	37.8	56.8
54	47.0	39.7	59.5



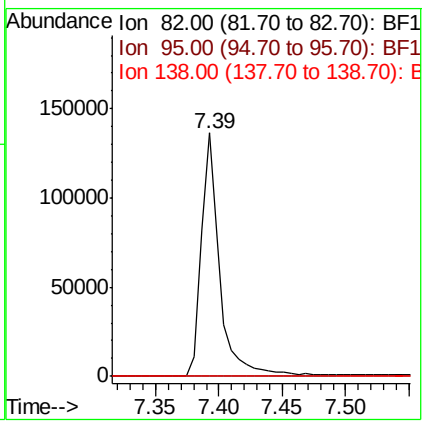


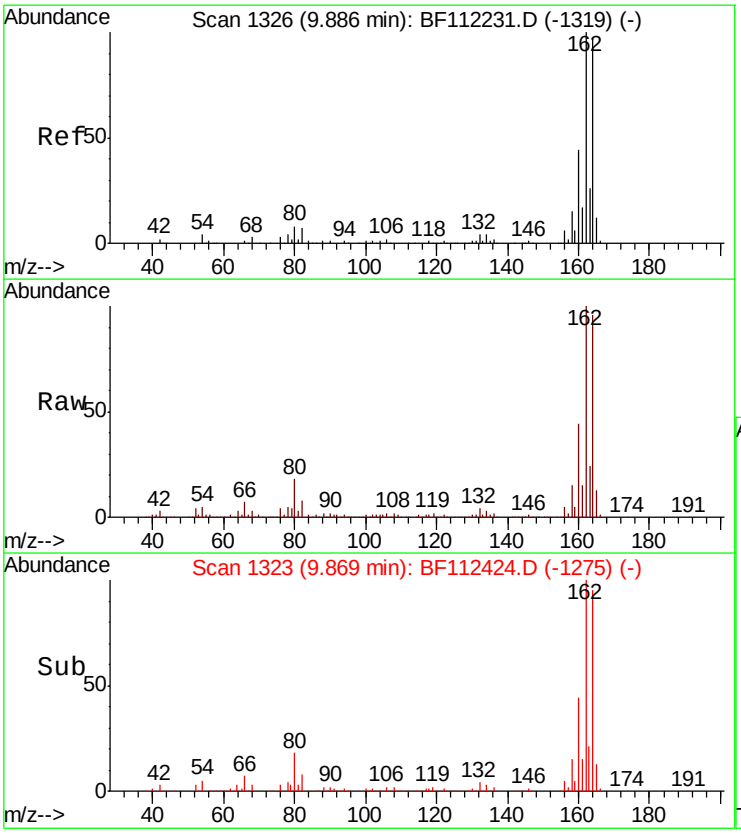
#25
Isophorone
Concen: 8.510 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.28 min
Lab File: BF112424.D
Acq: 6 Feb 2019 17:10

Instrument :
BNA_F
ClientSampleId :
HR-6A

Tgt Ion: 82 Resp: 137103

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	15.4	23.0#

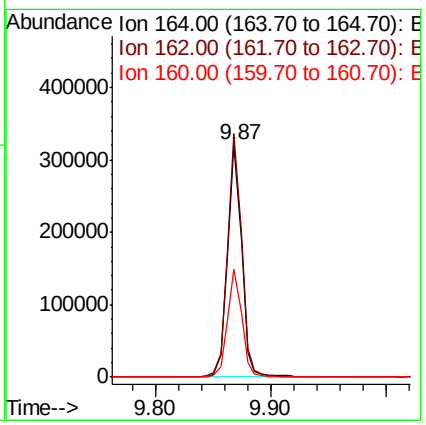


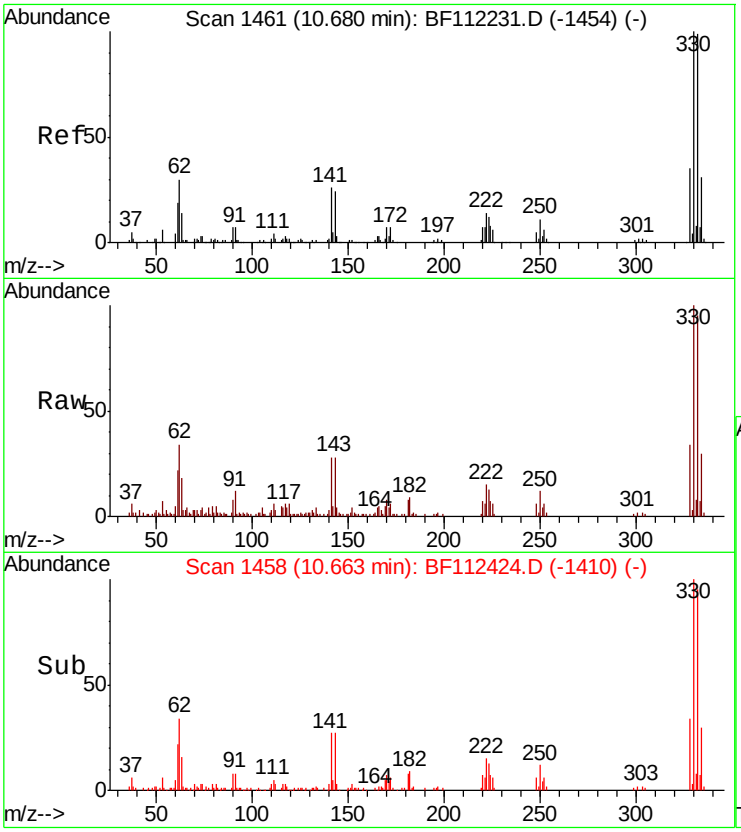


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF112424.D
Acq: 6 Feb 2019 17:10

Tgt Ion:164 Resp: 273453

Ion	Ratio	Lower	Upper
164	100		
162	104.7	82.2	123.4
160	46.4	36.2	54.4



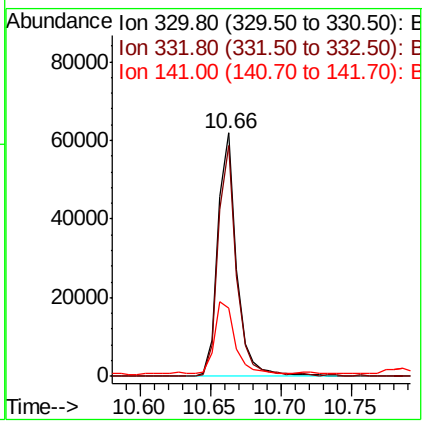


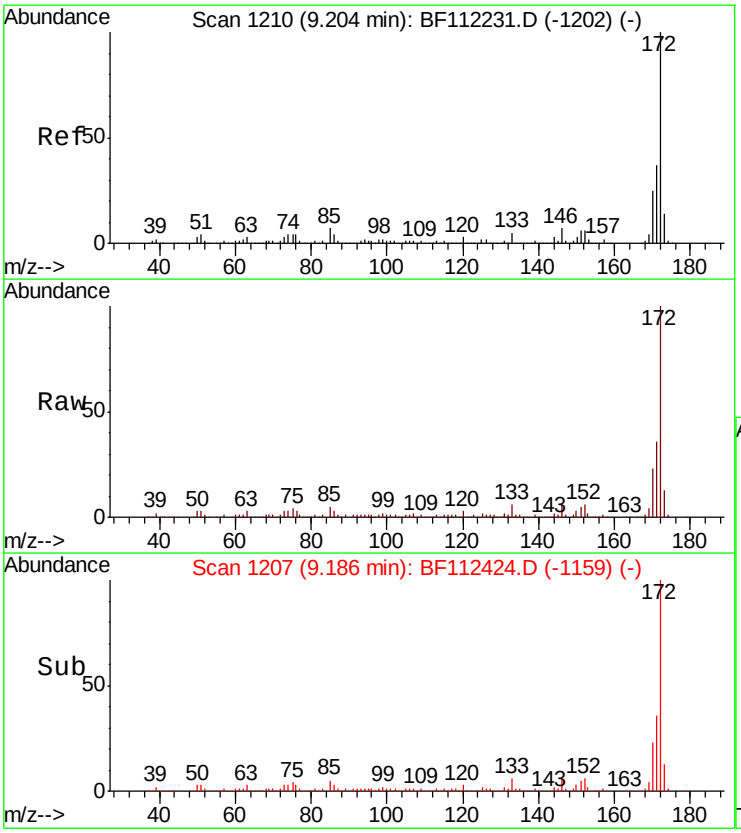
#42
2,4,6-Tribromophenol
Concen: 18.088 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.02 min
Lab File: BF112424.D
Acq: 6 Feb 2019 17:10

Instrument :
BNA_F
ClientSampleId :
HR-6A

Tgt Ion:330 Resp: 57573

Ion	Ratio	Lower	Upper
330	100		
332	93.0	76.6	114.8
141	31.8	24.3	36.5

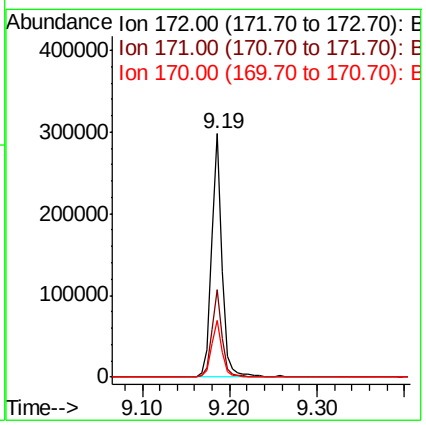


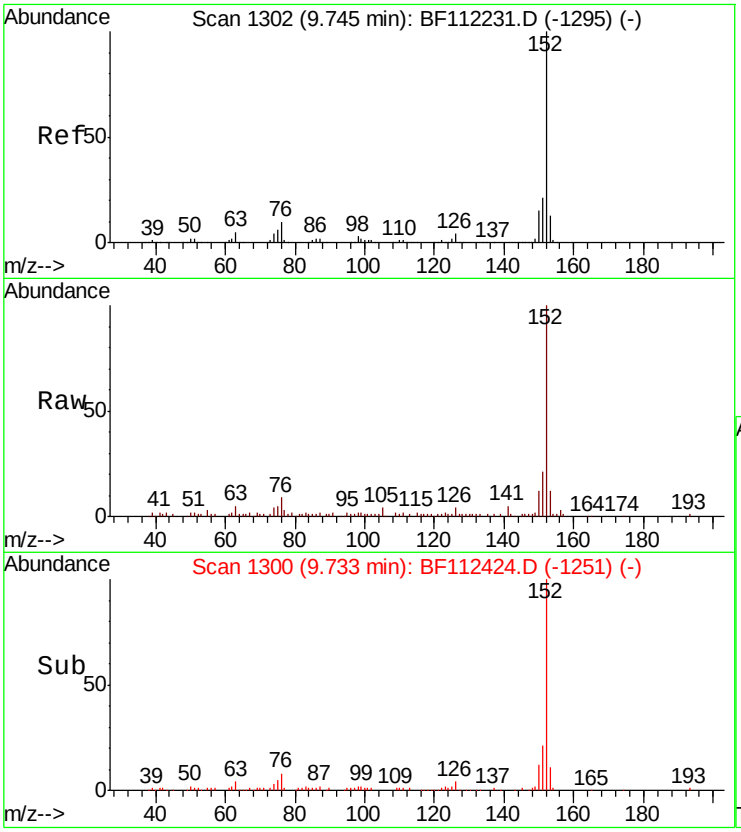


#45
2-Fluorobiphenyl
Concen: 12.858 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF112424.D
Acq: 6 Feb 2019 17:10

Tgt Ion:172 Resp: 248601

Ion	Ratio	Lower	Upper
172	100		
171	35.7	30.5	45.7
170	23.4	20.2	30.4



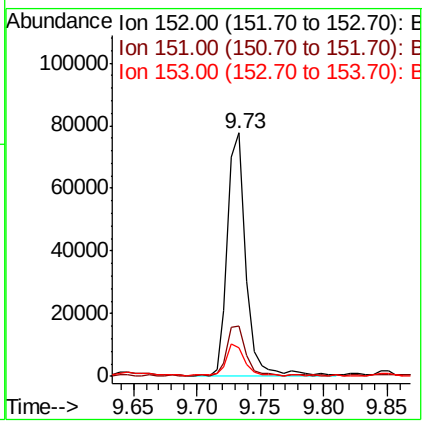


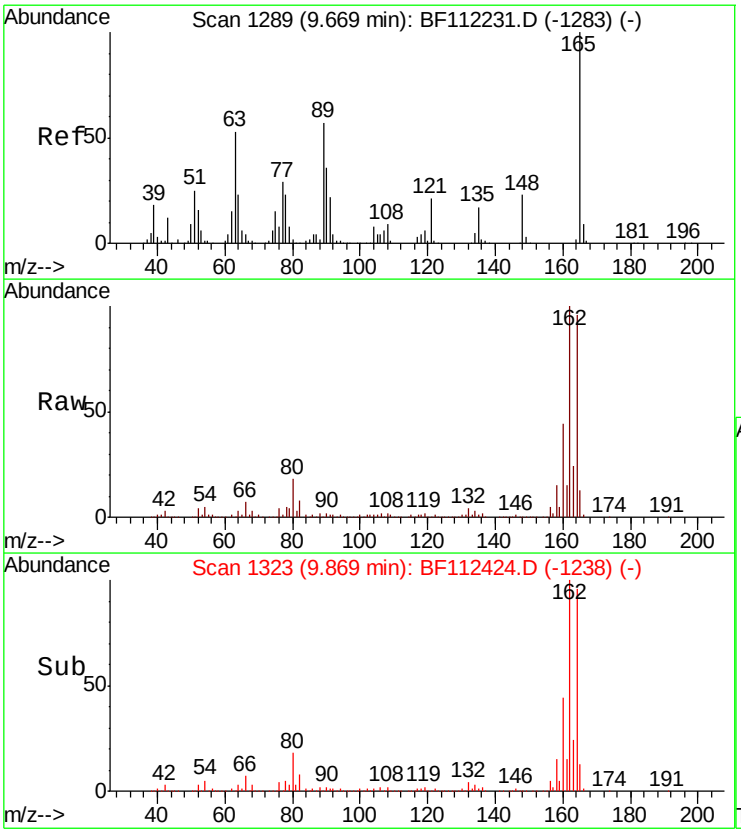
#49
Acenaphthylene
Concen: 2.923 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF112424.D
Acq: 6 Feb 2019 17:10

Instrument :
BNA_F
ClientSampleId :
HR-6A

Tgt Ion:152 Resp: 79421

Ion	Ratio	Lower	Upper
152	100		
151	20.9	17.0	25.6
153	11.9	11.2	16.8

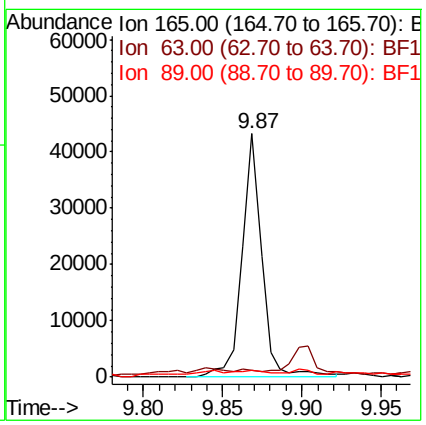


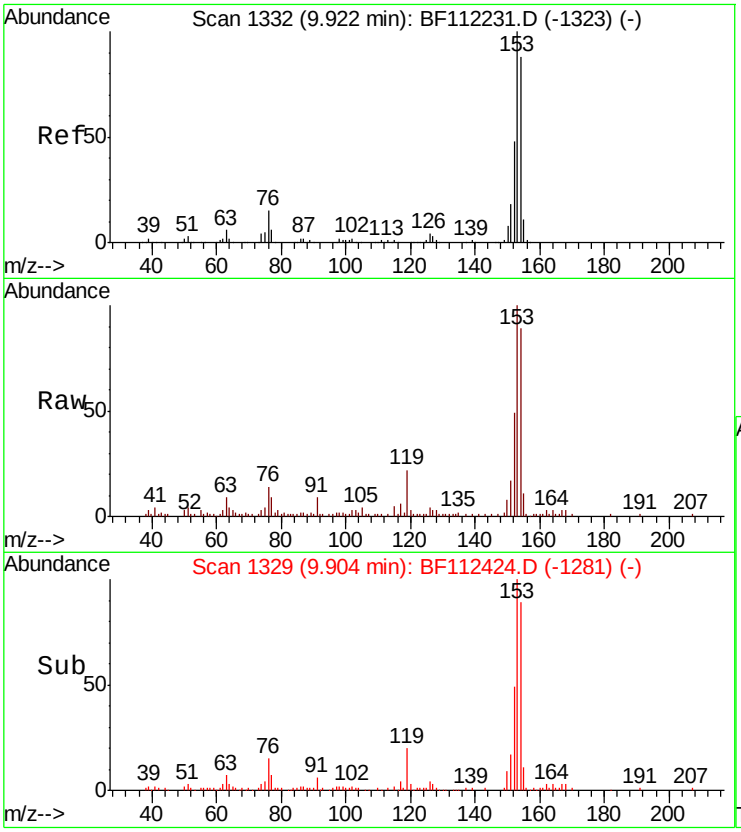


#51
2,6-Dinitrotoluene
Concen: 7.915 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.20 min
Lab File: BF112424.D
Acq: 6 Feb 2019 17:10

Tgt Ion:165 Resp: 37660

Ion	Ratio	Lower	Upper
165	100		
63	3.0	33.8	50.8#
89	2.8	36.9	55.3#



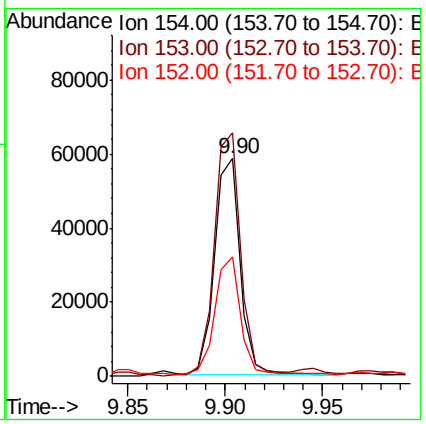


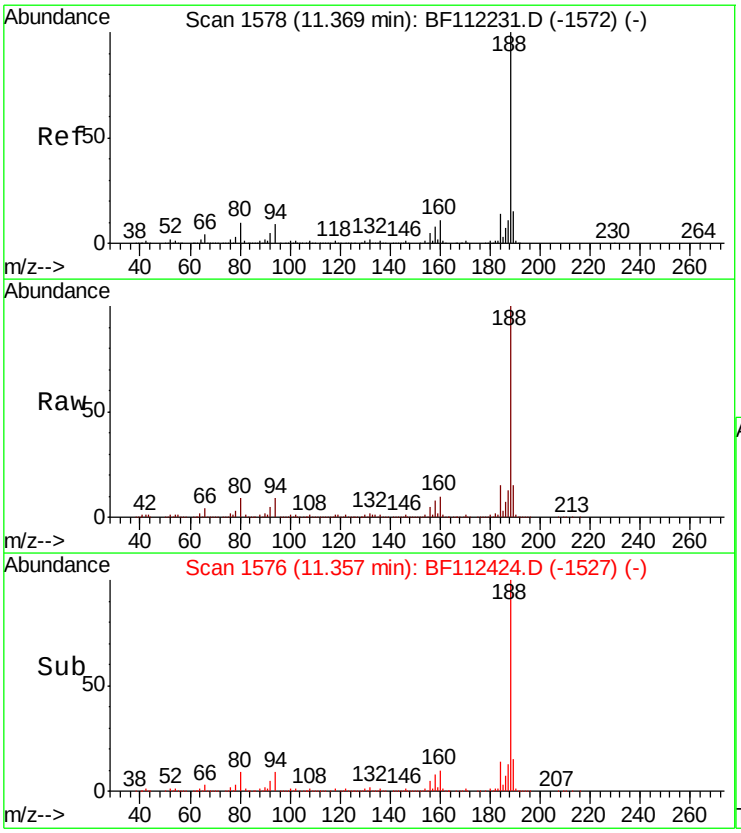
#52
Acenaphthene
Concen: 3.301 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.02 min
Lab File: BF112424.D
Acq: 6 Feb 2019 17:10

Instrument :
BNA_F
ClientSampleId :
HR-6A

Tgt Ion:154 Resp: 53575

Ion	Ratio	Lower	Upper
154	100		
153	111.9	89.8	134.6
152	55.1	43.5	65.3

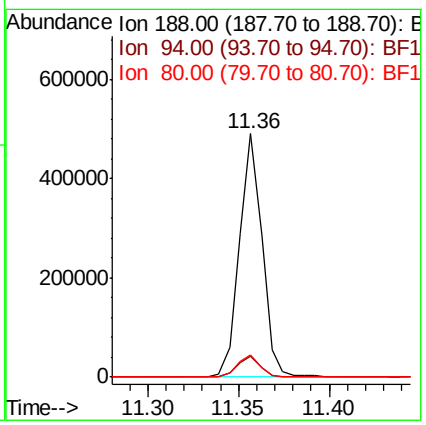


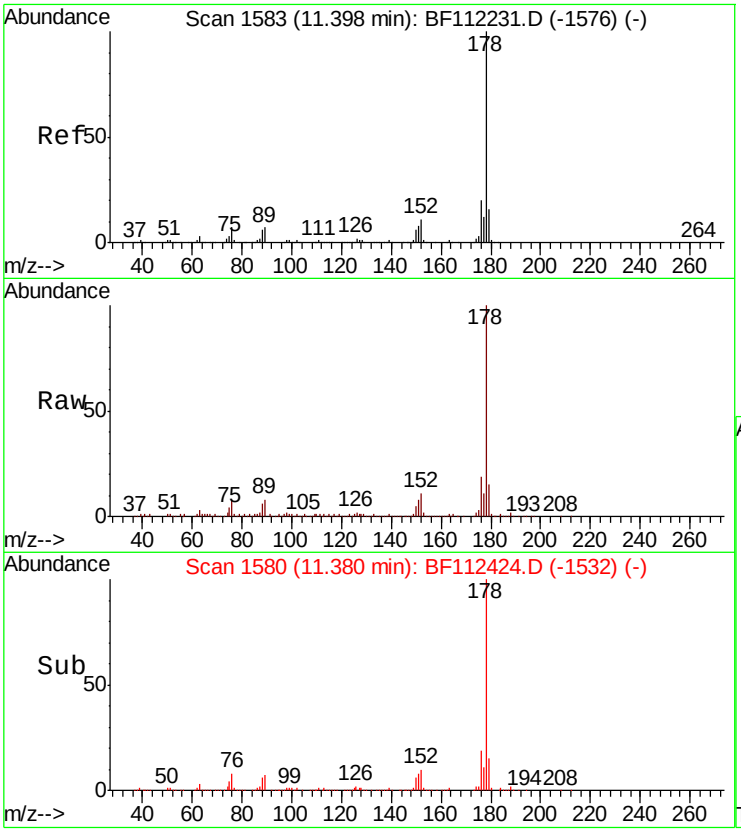


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112424.D
Acq: 6 Feb 2019 17:10

Tgt Ion:188 Resp: 426596

Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.2	12.2
80	9.0	8.9	13.3



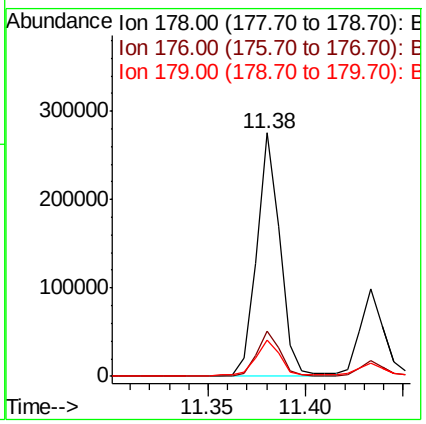


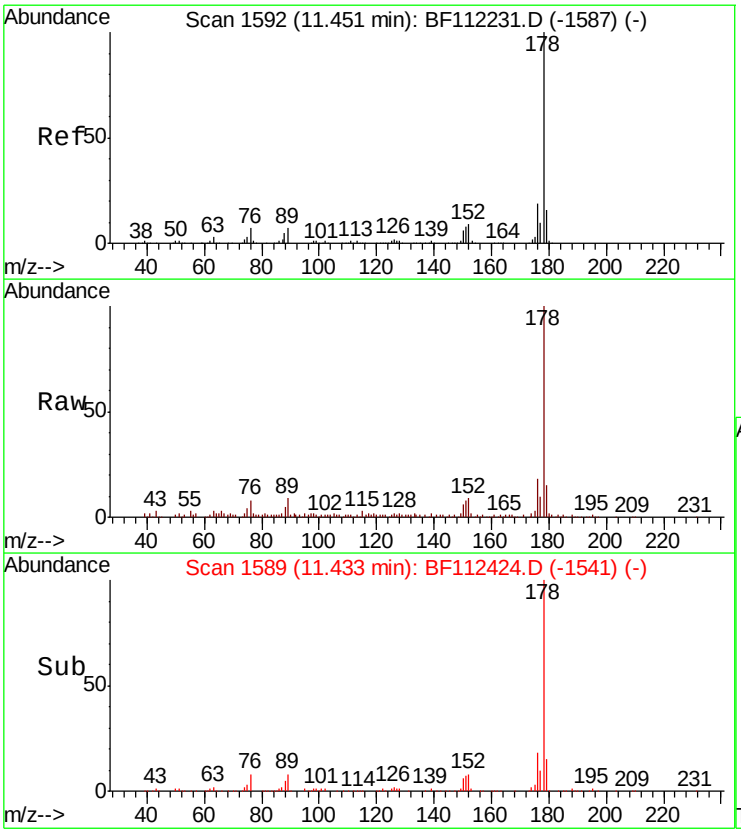
#71
Phenanthrene
Concen: 10.245 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF112424.D
Acq: 6 Feb 2019 17:10

Instrument :
BNA_F
ClientSampleId :
HR-6A

Tgt Ion:178 Resp: 227225

Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.3	24.5
179	15.1	13.0	19.4

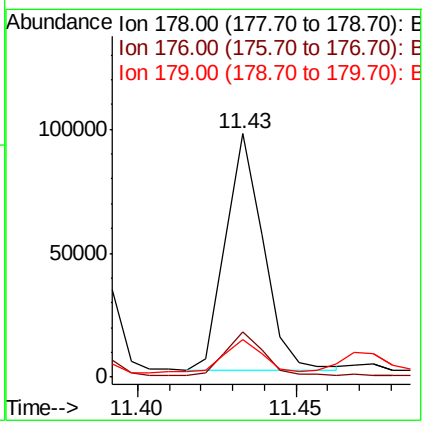


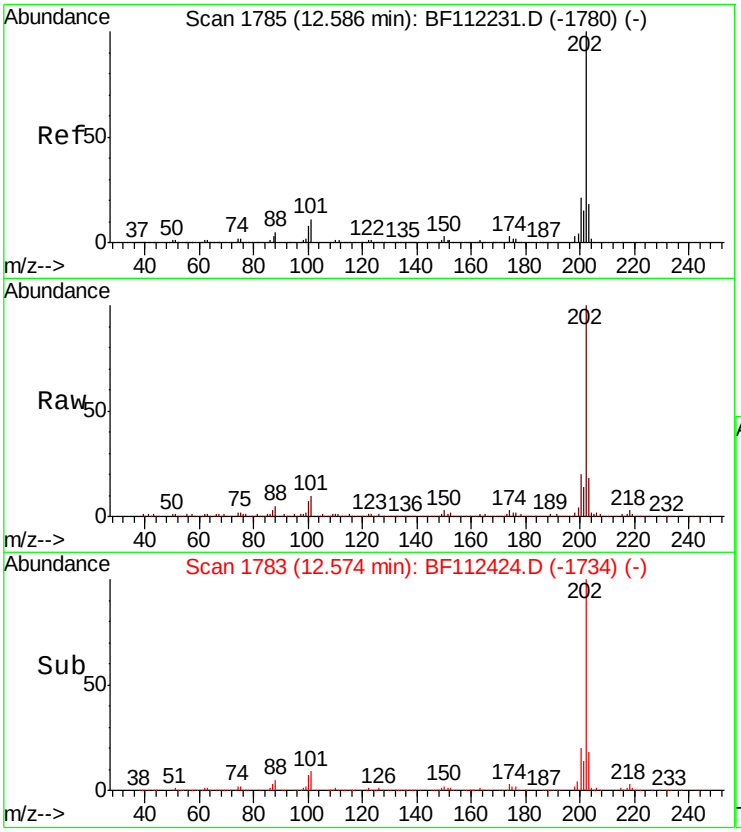


#72
Anthracene
Concen: 3.574 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.02 min
Lab File: BF112424.D
Acq: 6 Feb 2019 17:10

Tgt Ion:178 Resp: 78966

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.5	23.3
179	15.4	12.8	19.2



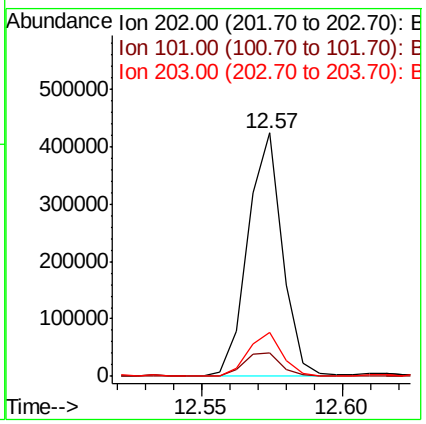


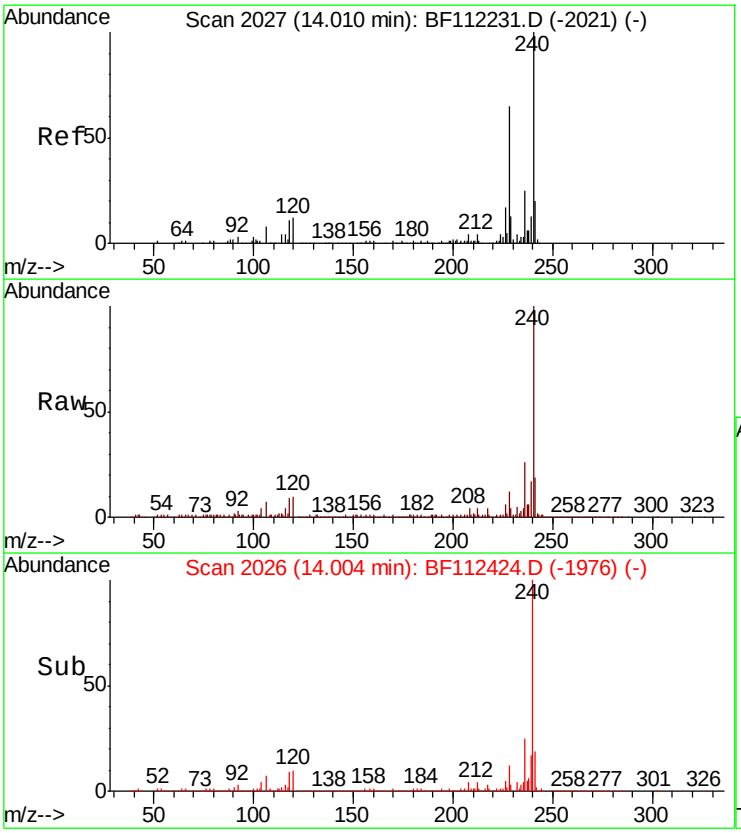
#75
Fluoranthene
Concen: 15.059 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BF112424.D
Acq: 6 Feb 2019 17:10

Instrument :
BNA_F
ClientSampleId :
HR-6A

Tgt Ion:202 Resp: 358203

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	31.8
203	18.0	0.0	38.4

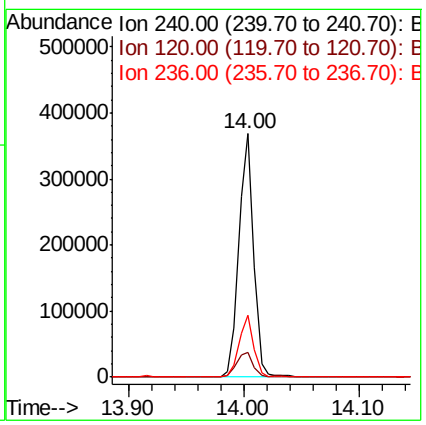


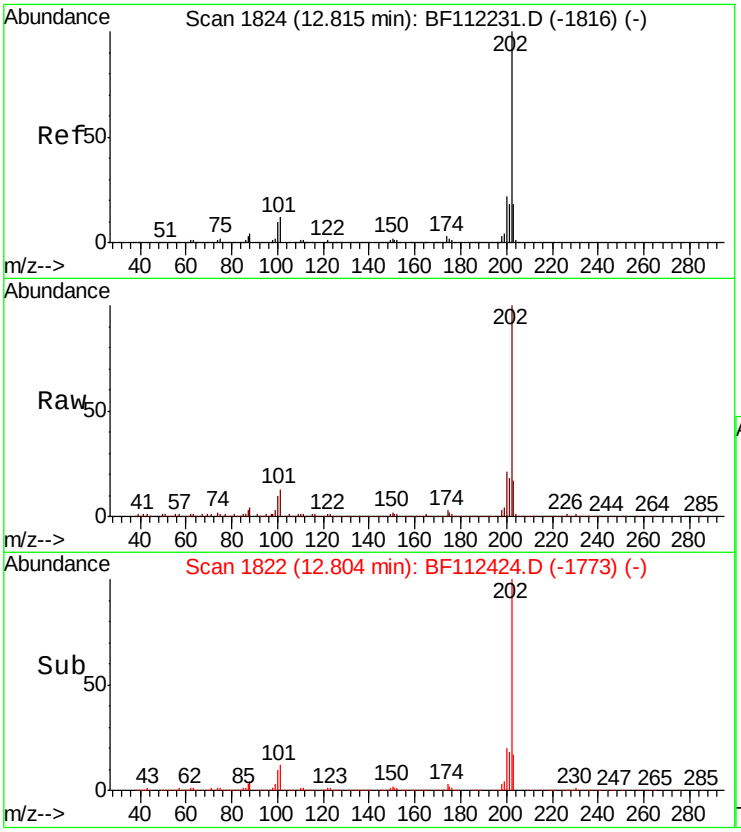


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF112424.D
Acq: 6 Feb 2019 17:10

Tgt Ion:240 Resp: 326612

Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.0	13.6
236	25.6	20.7	31.1



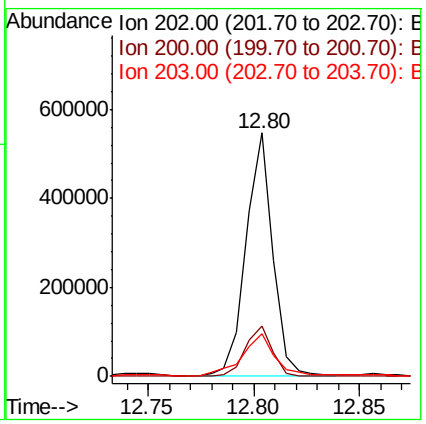


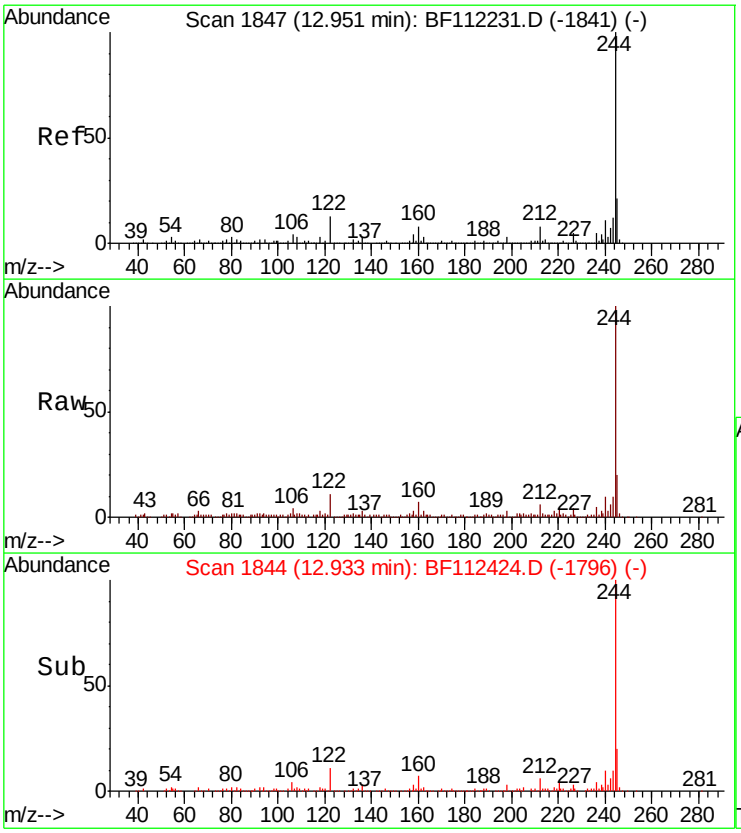
#78
Pyrene
Concen: 21.115 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BF112424.D
Acq: 6 Feb 2019 17:10

Instrument :
BNA_F
ClientSampleId :
HR-6A

Tgt Ion:202 Resp: 477461

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.7	26.5
203	17.4	14.6	22.0

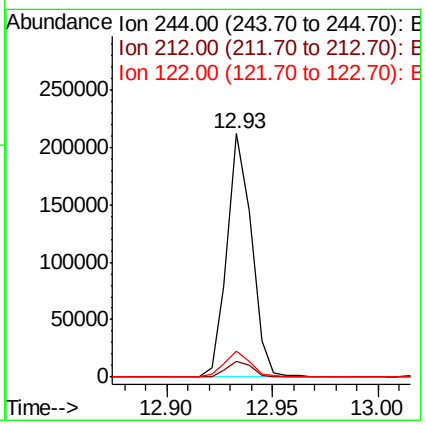


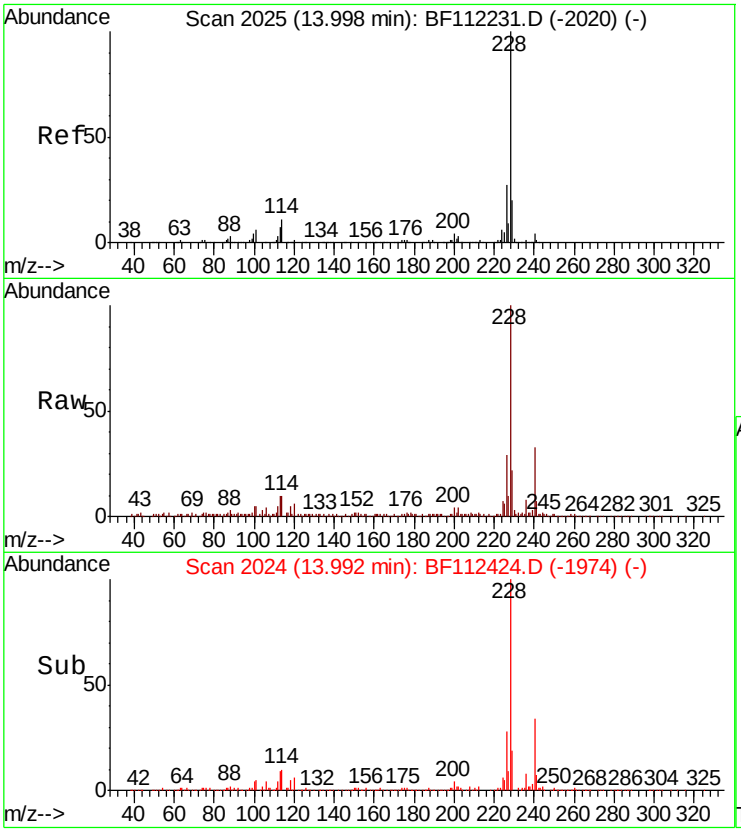


#79
Terphenyl-d14
Concen: 9.900 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.02 min
Lab File: BF112424.D
Acq: 6 Feb 2019 17:10

Tgt Ion:244 Resp: 171676

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.9	8.9
122	10.8	9.8	14.6



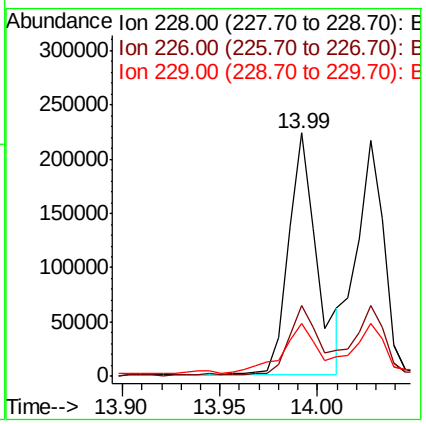


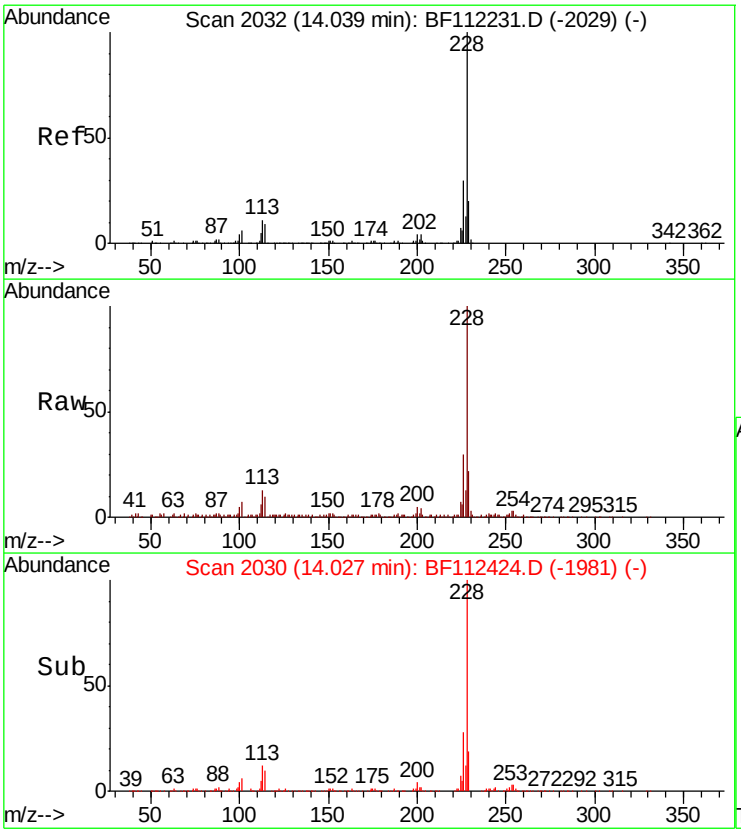
#81
Benzo(a)anthracene
Concen: 11.791 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF112424.D
Acq: 6 Feb 2019 17:10

Instrument :
BNA_F
ClientSampleId :
HR-6A

Tgt Ion:228 Resp: 226386

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.6	34.0
229	21.8	16.5	24.7

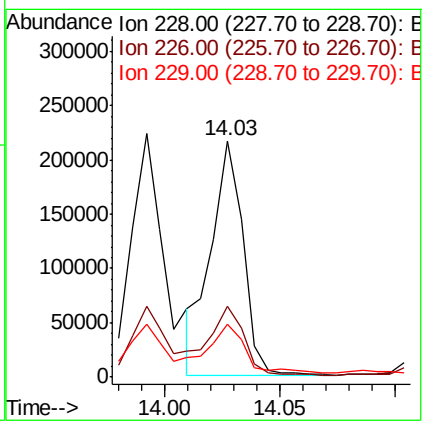


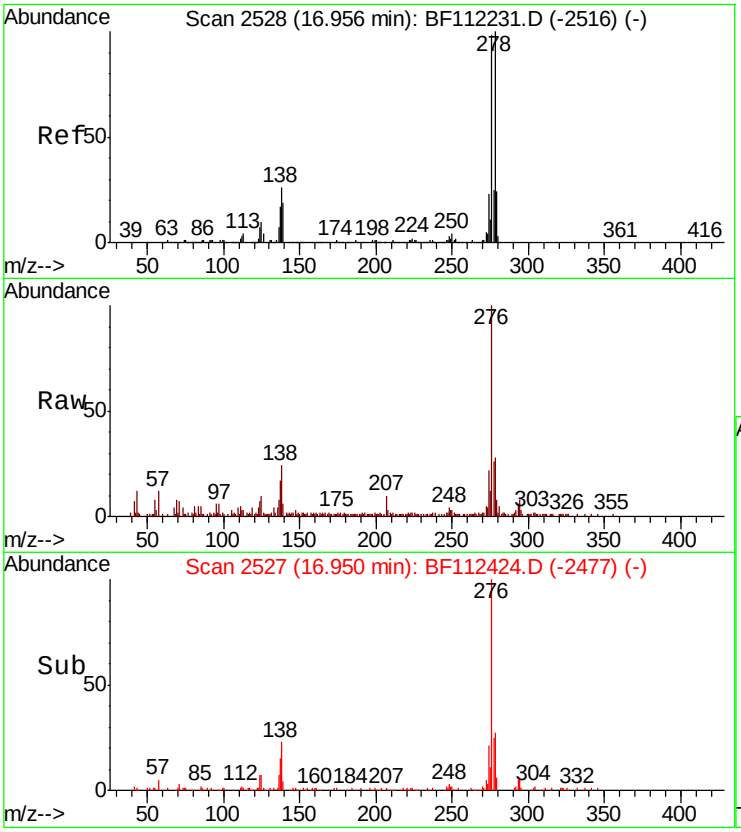


#83
Chrysene
Concen: 11.423 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF112424.D
Acq: 6 Feb 2019 17:10

Tgt Ion:228 Resp: 209354

Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.0	37.6
229	22.2	16.6	24.8



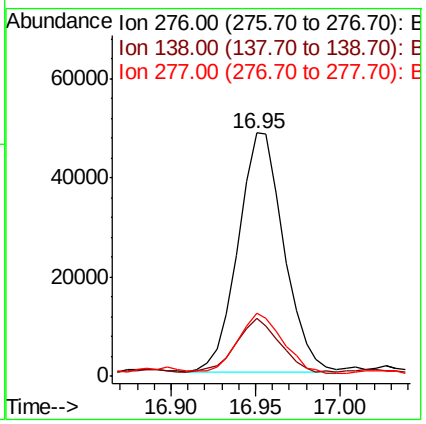


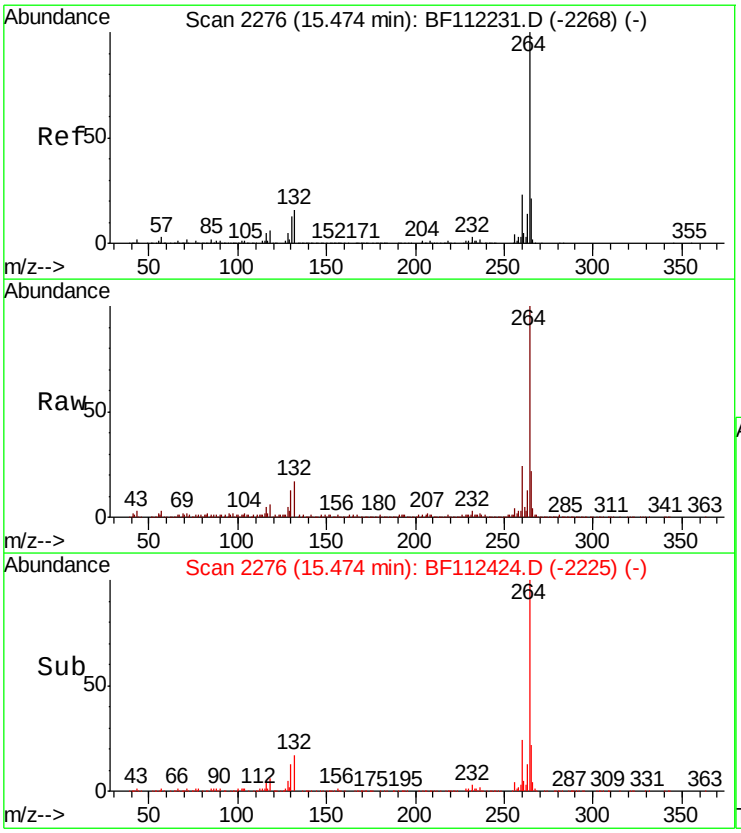
#86
Indeno(1,2,3-cd)pyrene
Concen: 6.231 ng
RT: 16.95 min Scan# 2527
Delta R.T. -0.01 min
Lab File: BF112424.D
Acq: 6 Feb 2019 17:10

Instrument :
BNA_F
ClientSampleId :
HR-6A

Tgt Ion:276 Resp: 90485

Ion	Ratio	Lower	Upper
276	100		
138	22.4	22.6	34.0#
277	24.2	20.3	30.5

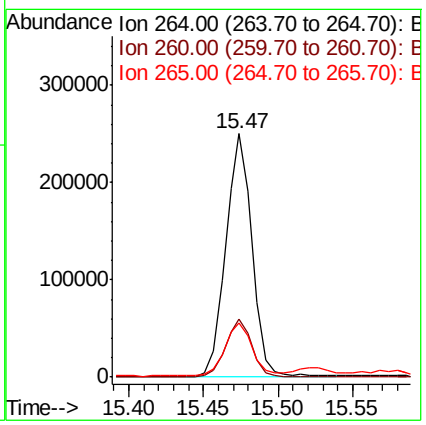


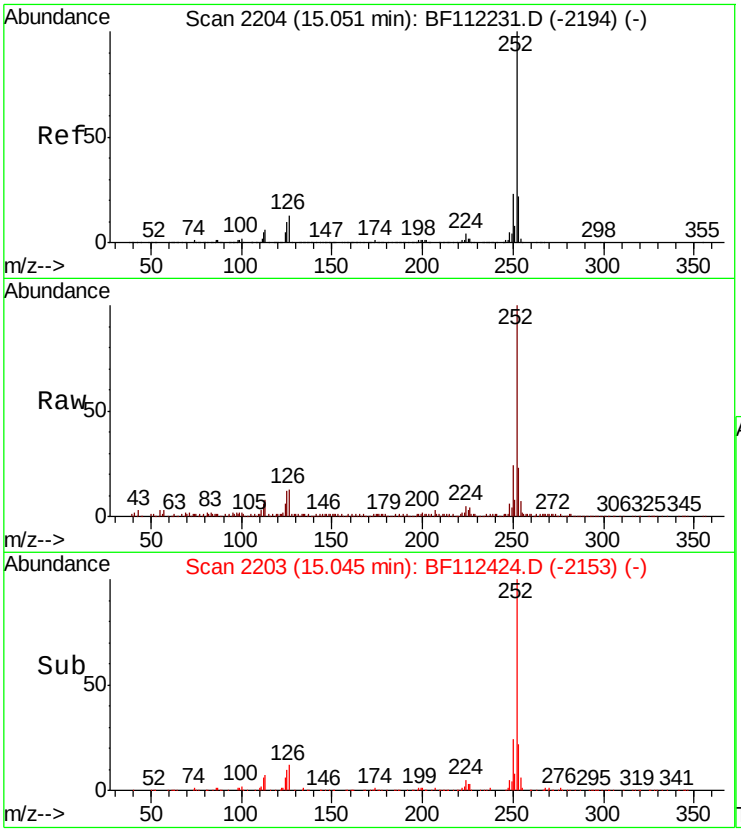


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.00 min
Lab File: BF112424.D
Acq: 6 Feb 2019 17:10

Tgt Ion:264 Resp: 306320

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.2
265	22.0	17.0	25.4



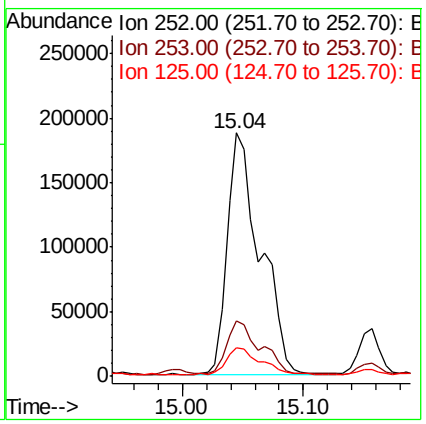


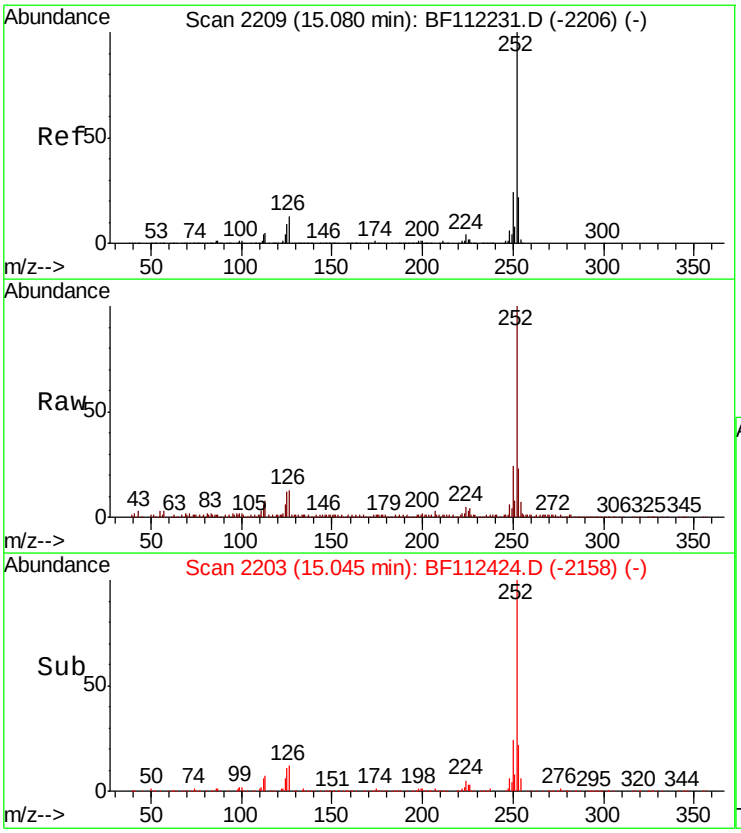
#88
Benzo(b)fluoranthene
Concen: 19.493 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF112424.D
Acq: 6 Feb 2019 17:10

Instrument :
BNA_F
ClientSampleId :
HR-6A

Tgt Ion:252 Resp: 357094

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	11.6	8.7	13.1

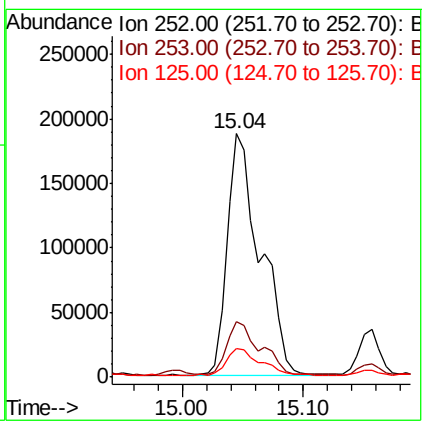


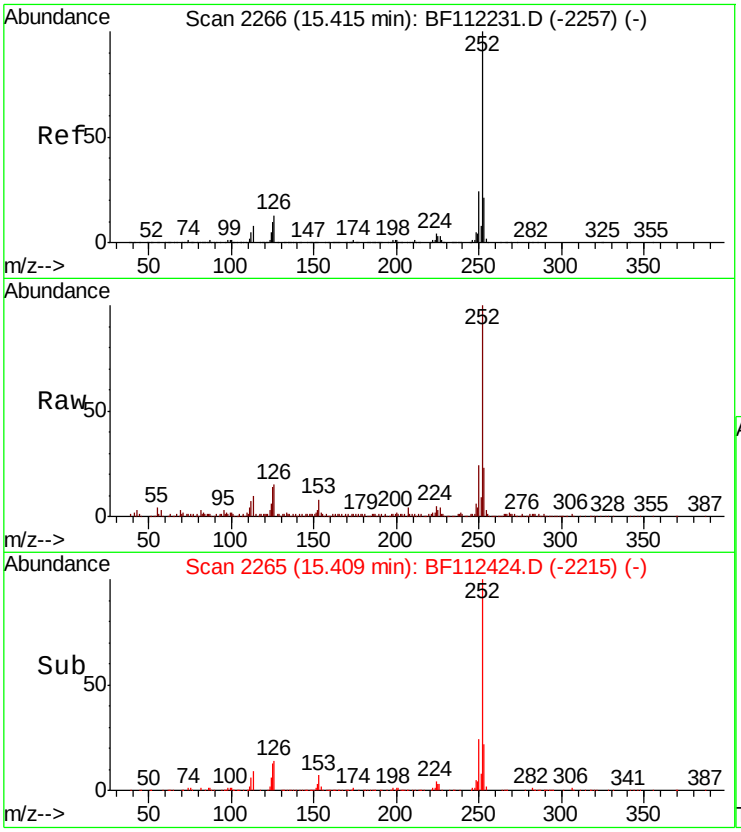


#89
Benzo(k)fluoranthene
Concen: 20.350 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.04 min
Lab File: BF112424.D
Acq: 6 Feb 2019 17:10

Tgt Ion:252 Resp: 357094

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	11.6	9.1	13.7



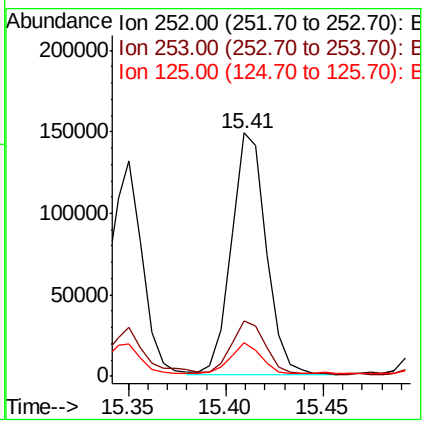


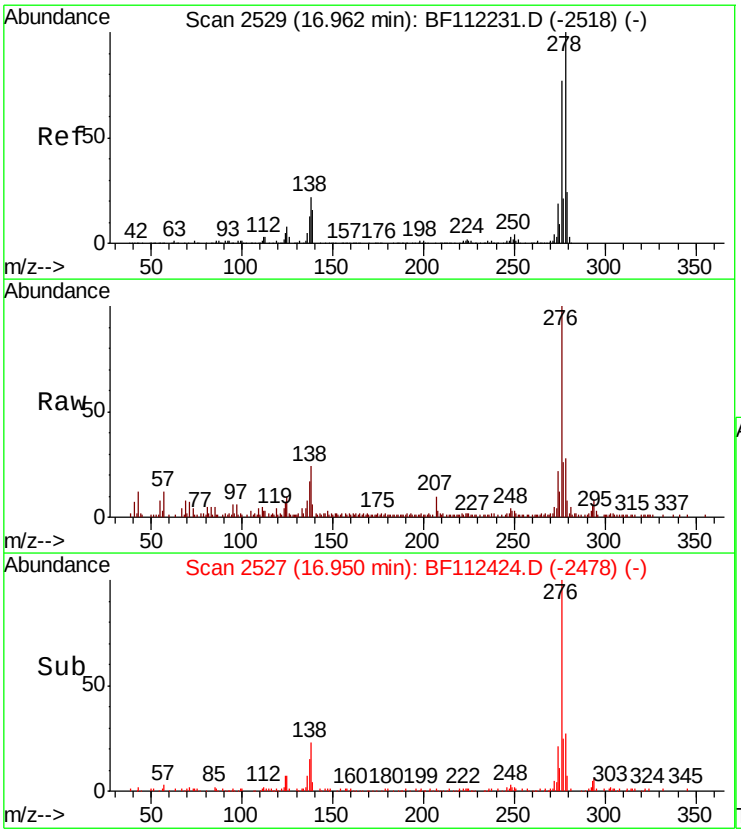
#90
Benzo(a)pyrene
Concen: 11.136 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF112424.D
Acq: 6 Feb 2019 17:10

Instrument :
BNA_F
ClientSampleId :
HR-6A

Tgt Ion:252 Resp: 183558

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	13.8	9.0	13.4#

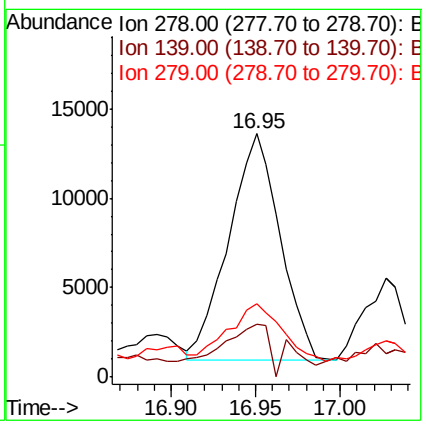


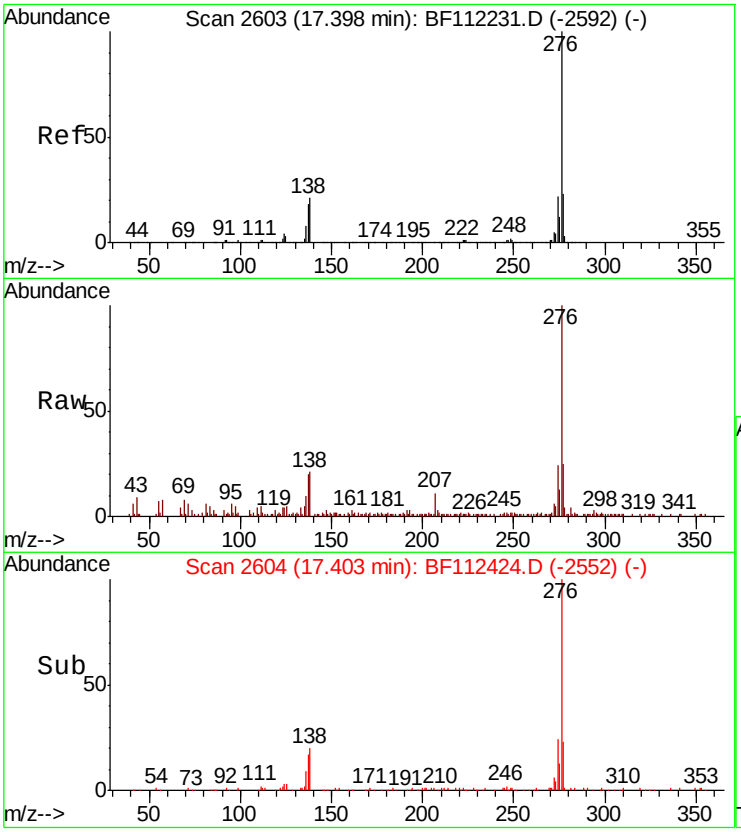


#91
Dibenzo(a,h)anthracene
Concen: 2.003 ng
RT: 16.95 min Scan# 2527
Delta R.T. -0.01 min
Lab File: BF112424.D
Acq: 6 Feb 2019 17:10

Tgt Ion:278 Resp: 26616

Ion	Ratio	Lower	Upper
278	100		
139	22.0	13.7	20.5#
279	30.2	19.0	28.6#





#92
Benzo(g,h,i)perylene
Concen: 7.462 ng
RT: 17.40 min Scan# 2604
Delta R.T. 0.01 min
Lab File: BF112424.D
Acq: 6 Feb 2019 17:10

Instrument :
BNA_F
ClientSampleId :
HR-6A

Tgt Ion:276 Resp: 93525

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.4	29.0
138	21.3	19.1	28.7