Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF040620\
Data File : BF119814.D
Acq On : 7 Apr 2020 11:42
Operator : MA/SJ
Sample : L2148-01
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-055-A

Quant Time: Apr 07 12:12:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 06 11:15:16 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	166518	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	601086	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	292414	20.00	ng		0.00
64) Phenanthrene-d10	11.31	188	536671	20.00	ng		0.00
76) Chrysene-d12	13.96	240	381230	20.00	ng		0.00
87) Perylene-d12	15.40	264	364590	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	1088291	104.04	ng		0.00
7) Phenol-d6	6.42	99	1350887	101.10	ng		0.00
23) Nitrobenzene-d5	7.35	82	831877	75.22	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	345627	114.57	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	1427412	72.32	ng		0.00
79) Terphenyl-d14	12.90	244	1465887	75.33	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.35	70	107003	13.286	ng	#	75
25) Isophorone	7.35	82	831869	37.078	ng	#	65
31) Naphthalene	8.09	128	64085	2.072	ng		98
50) Dimethylphthalate	9.54	163	197882	9.527	ng		100
57) 2,4-Dinitrotoluene	9.83	165	38327	6.834	ng	#	20
67) 4-Bromophenyl-phenylether	10.62	248	20224	3.309	ng	#	1
71) Phenanthrene	11.33	178	213888	7.686	ng		98
75) Fluoranthene	12.53	202	356322	11.832	ng		94
78) Pyrene	12.76	202	315309	10.078	ng		97
81) Benzo(a)anthracene	13.94	228	160839	6.488	ng		97
83) Chrysene	13.98	228	134339	5.251	ng		97
86) Indeno(1,2,3-cd)pyrene	16.83	276	72343	3.002	ng	#	93
88) Benzo(b)fluoranthene	14.99	252	240675	9.882	ng	#	96
89) Benzo(k)fluoranthene	14.99	252	240675	10.378	ng		98
90) Benzo(a)pyrene	15.34	252	122715	5.544	ng		96
92) Benzo(g,h,i)perylene	17.26	276	66742	3.432	ng		98

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

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FK-GF-02-055-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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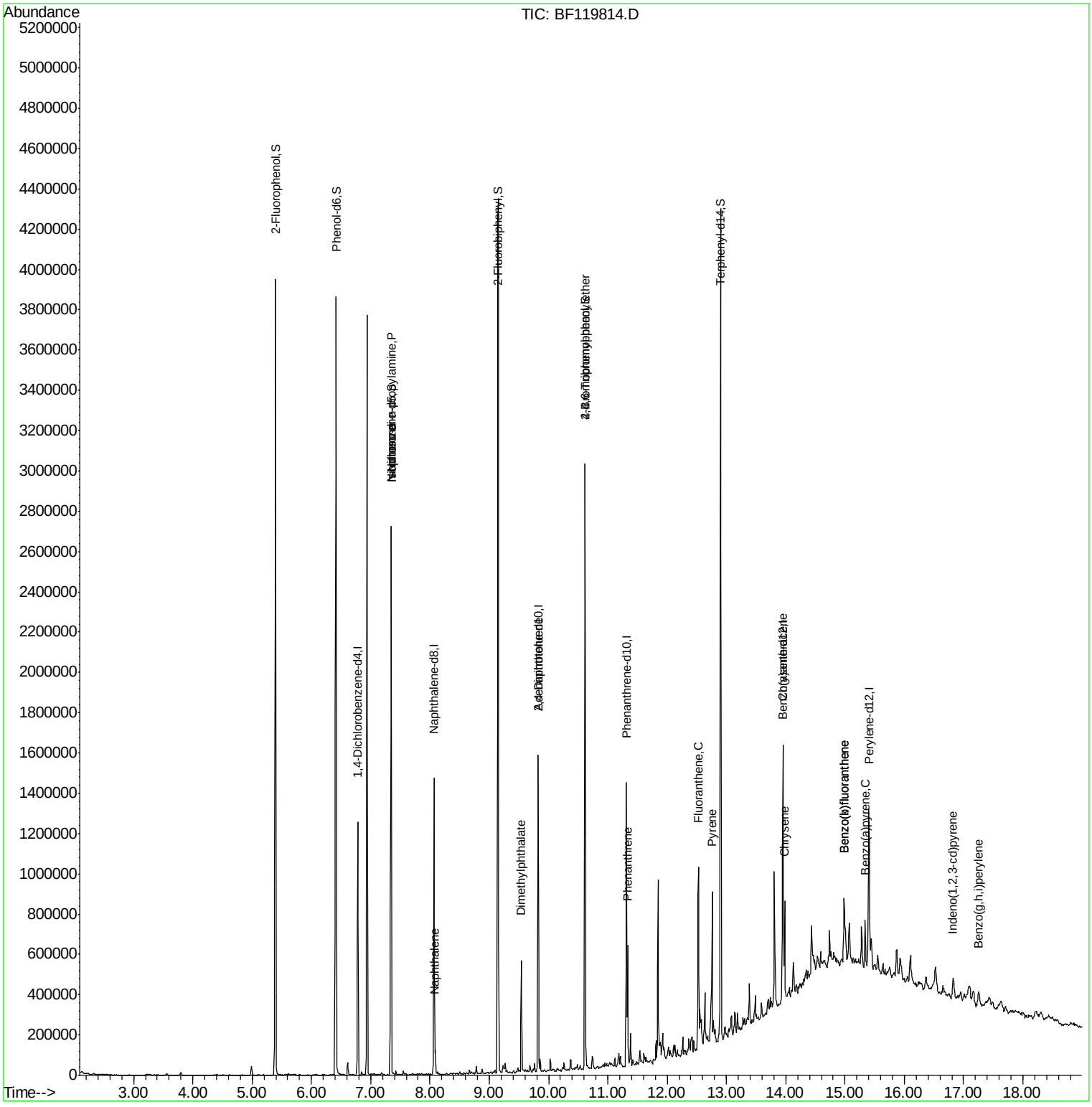
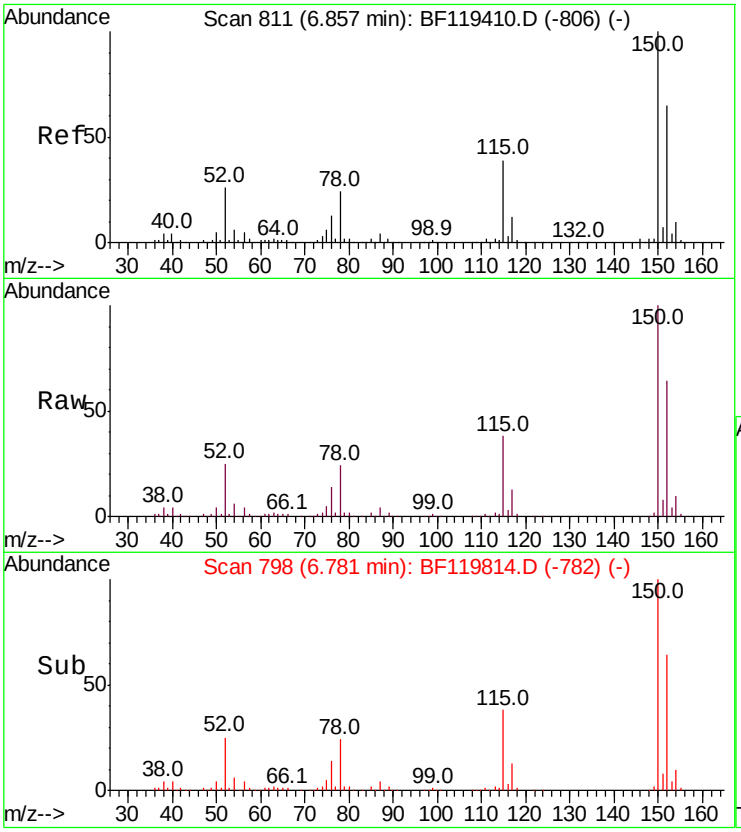


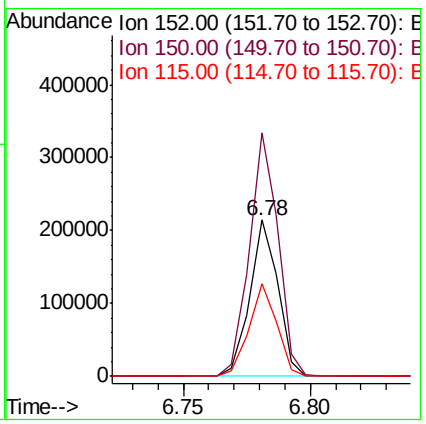


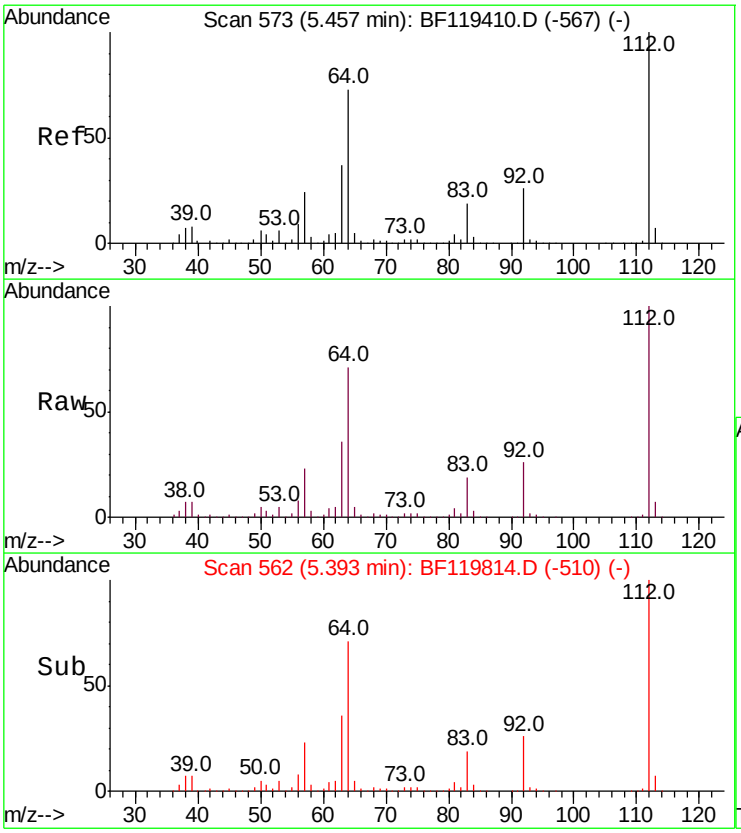
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF119814.D
Acq: 7 Apr 2020 11:42

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-055-A

Tgt Ion:152 Resp: 166518

Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.5	186.7
115	59.3	49.6	74.4

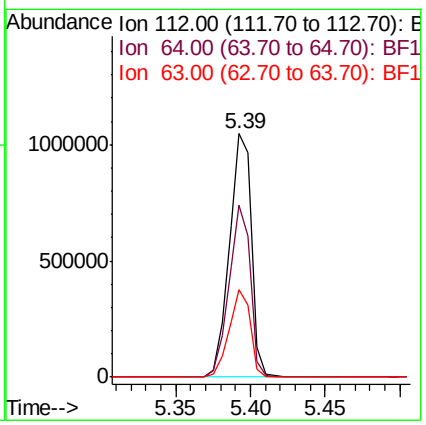


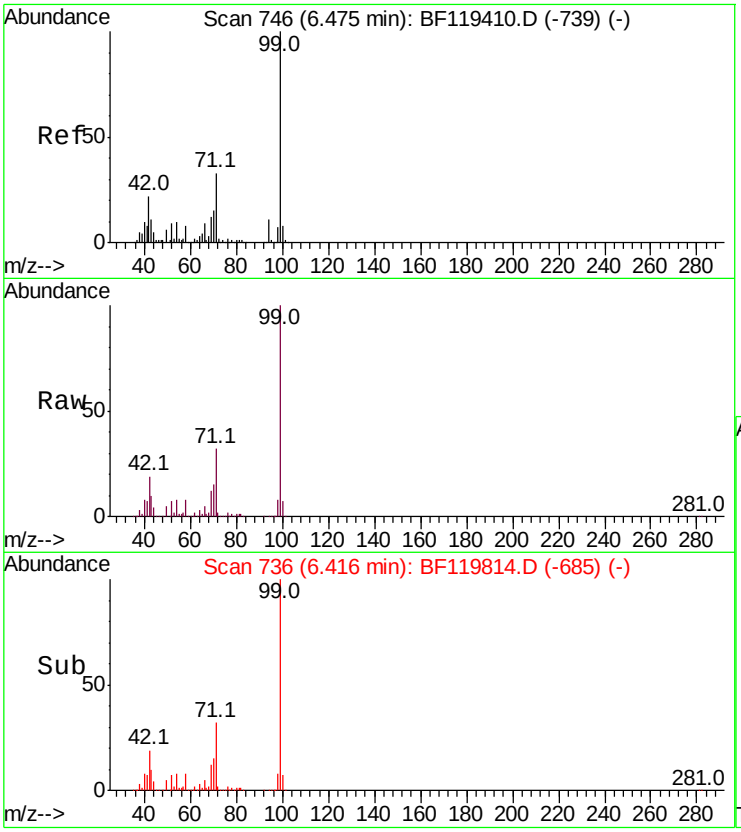


#5
2-Fluorophenol
Concen: 104.040 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF119814.D
Acq: 7 Apr 2020 11:42

Tgt Ion:112 Resp: 1088291

Ion	Ratio	Lower	Upper
112	100		
64	70.6	56.7	85.1
63	36.2	29.5	44.3



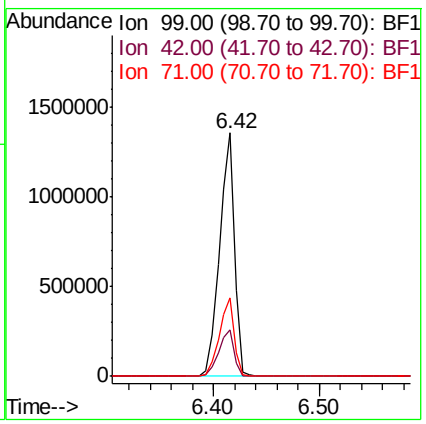


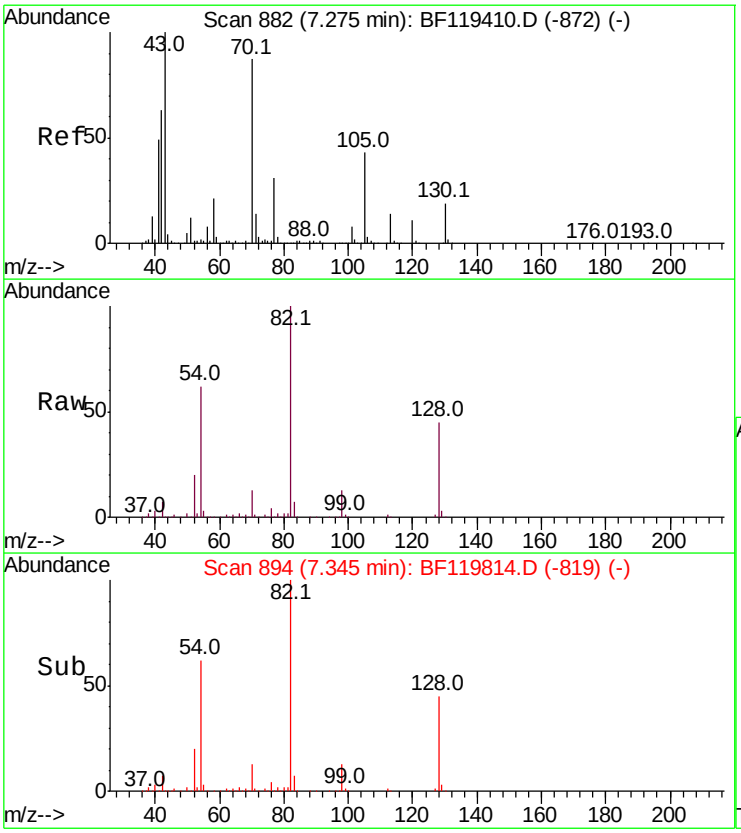
#7
Phenol-d6
Concen: 101.097 ng
RT: 6.42 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF119814.D
Acq: 7 Apr 2020 11:42

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-055-A

Tgt Ion: 99 Resp: 1350887

Ion	Ratio	Lower	Upper
99	100		
42	19.3	16.6	24.8
71	32.4	26.4	39.6

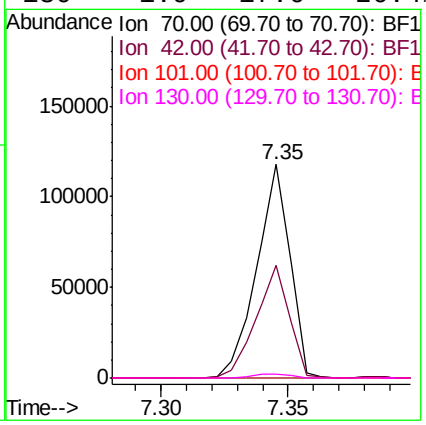


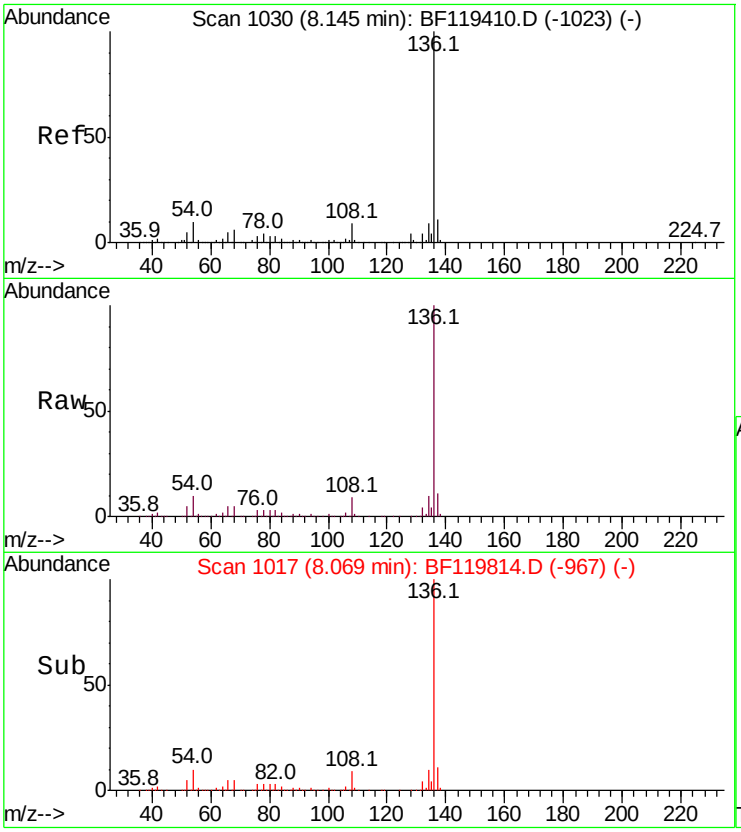


#19
n-Nitroso-di-n-propylamine
Concen: 13.286 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.14 min
Lab File: BF119814.D
Acq: 7 Apr 2020 11:42

Tgt Ion: 70 Resp: 107003

Ion	Ratio	Lower	Upper
70	100		
42	52.8	54.5	81.7#
101	0.0	7.6	11.4#
130	1.9	17.6	26.4#



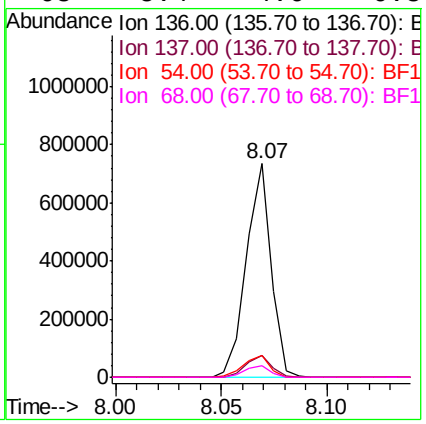


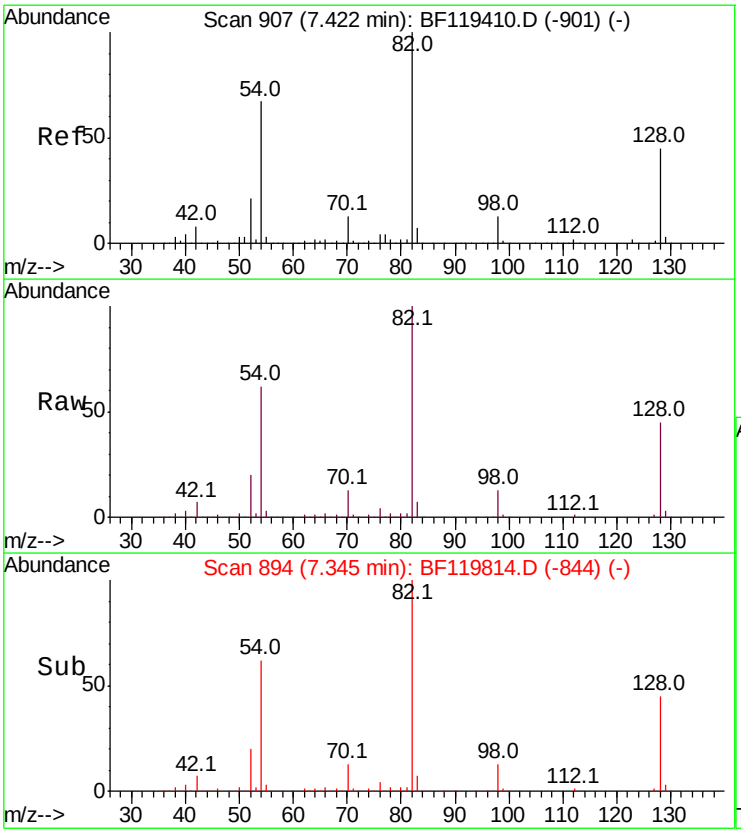
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF119814.D
Acq: 7 Apr 2020 11:42

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-055-A

Tgt Ion:136 Resp: 601086

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	10.1	9.1	13.7
68	5.4	4.6	6.8

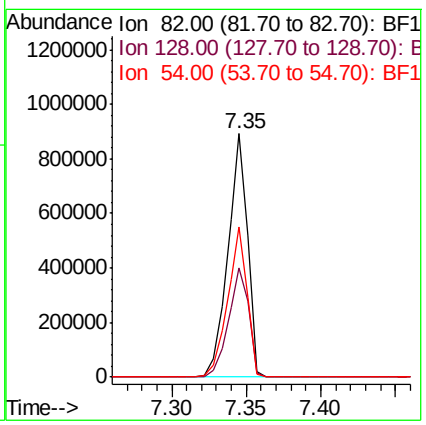


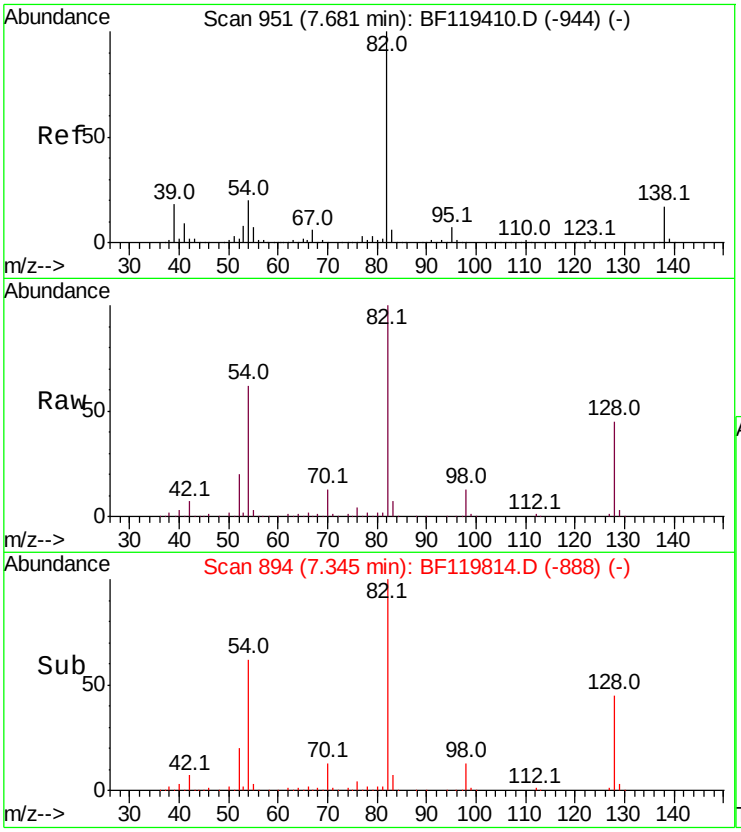


#23
Nitrobenzene-d5
Concen: 75.215 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF119814.D
Acq: 7 Apr 2020 11:42

Tgt Ion: 82 Resp: 831877

Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.3	54.5
54	61.8	50.6	75.8



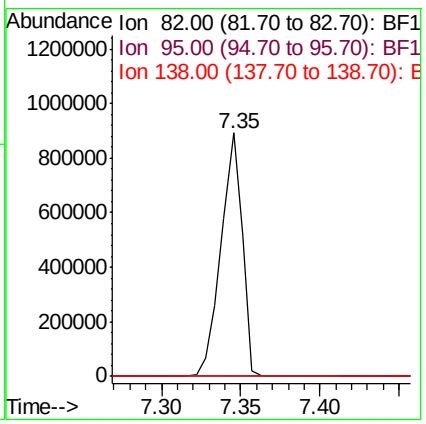


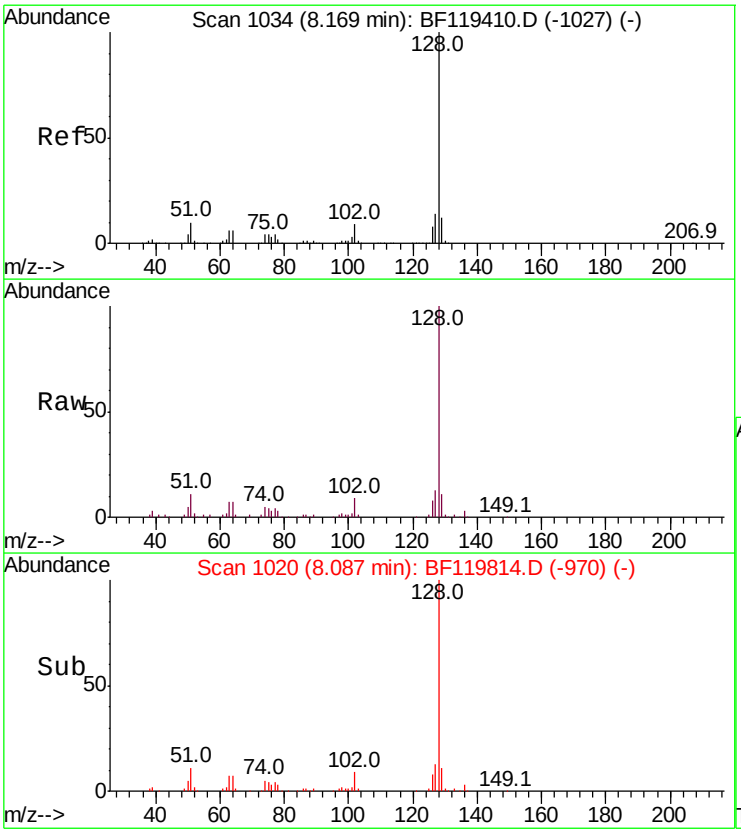
#25
Isophorone
Concen: 37.078 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.26 min
Lab File: BF119814.D
Acq: 7 Apr 2020 11:42

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-055-A

Tgt Ion: 82 Resp: 831869

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	14.6	21.8#

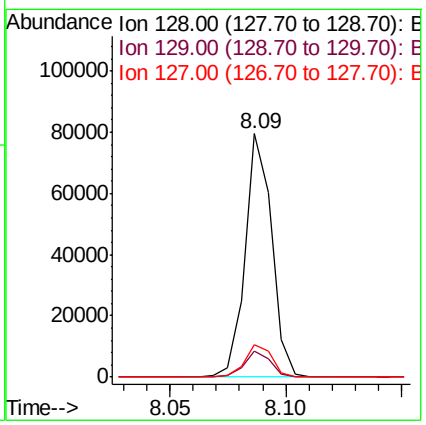


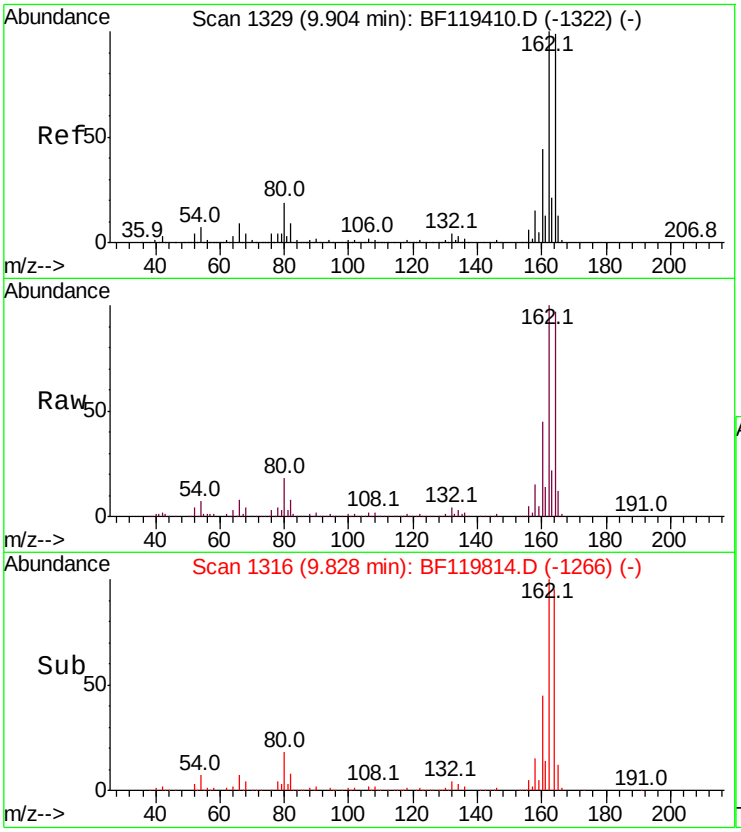


#31
Naphthalene
Concen: 2.072 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF119814.D
Acq: 7 Apr 2020 11:42

Tgt Ion:128 Resp: 64085

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.5	14.3
127	13.4	11.3	16.9



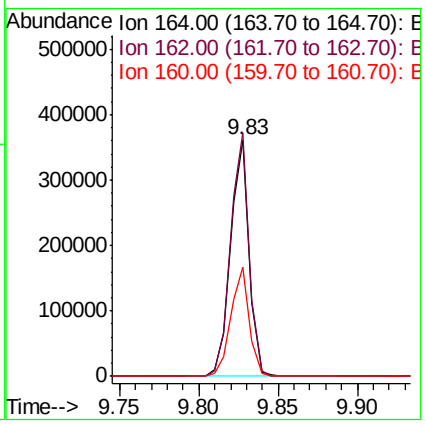


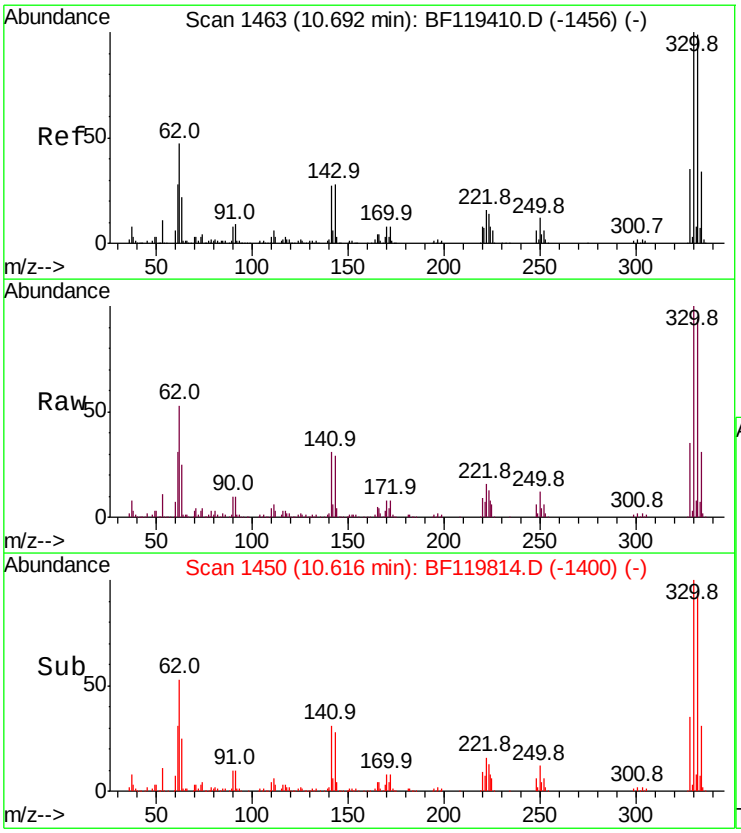
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF119814.D
Acq: 7 Apr 2020 11:42

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-055-A

Tgt Ion:164 Resp: 292414

Ion	Ratio	Lower	Upper
164	100		
162	103.0	80.6	121.0
160	46.0	35.7	53.5

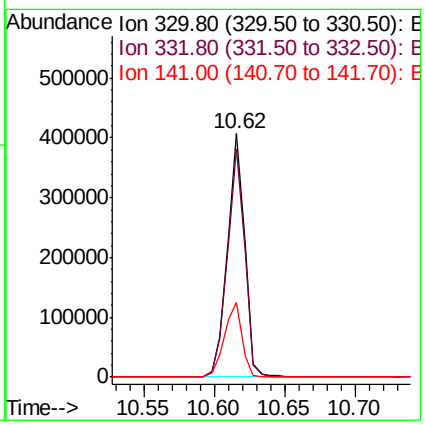


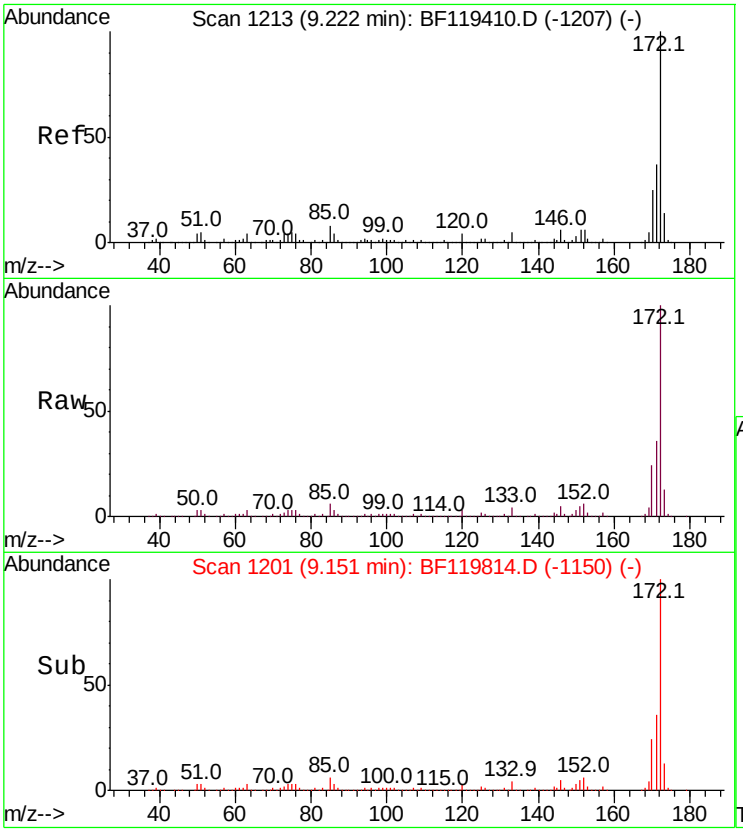


#42
2,4,6-Tribromophenol
Concen: 114.570 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF119814.D
Acq: 7 Apr 2020 11:42

Tgt Ion:330 Resp: 345627

Ion	Ratio	Lower	Upper
330	100		
332	94.7	75.7	113.5
141	31.8	25.4	38.0



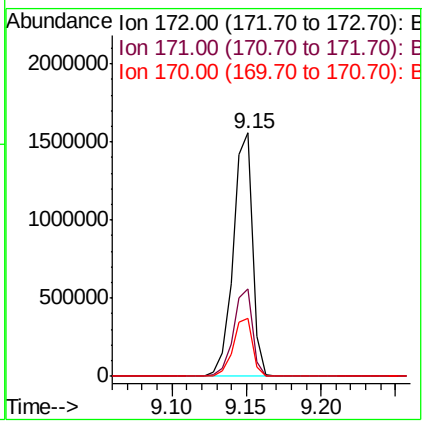


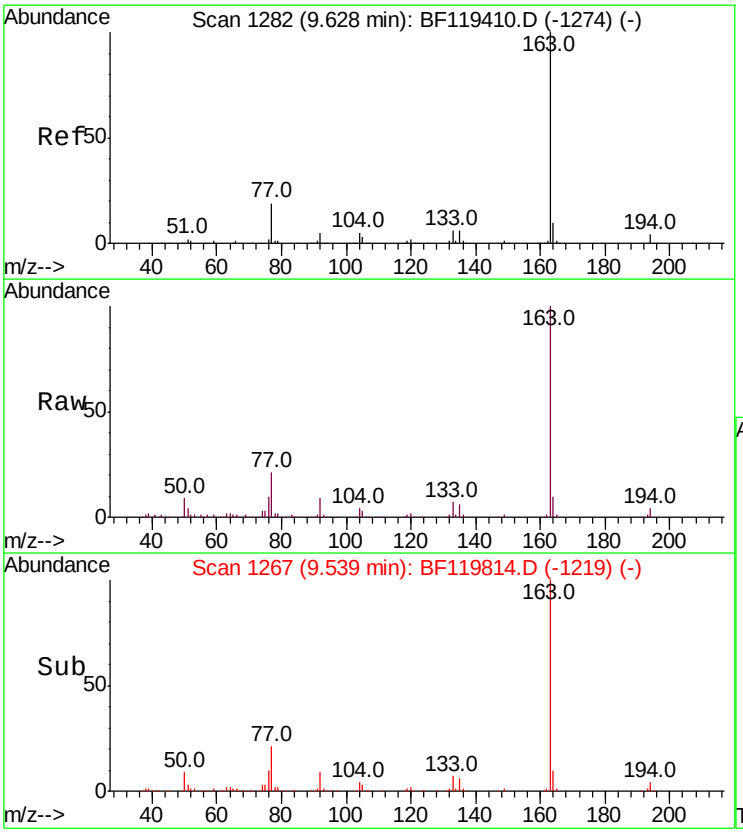
#45
2-Fluorobiphenyl
Concen: 72.318 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BF119814.D
Acq: 7 Apr 2020 11:42

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-055-A

Tgt Ion:172 Resp: 1427412

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	23.9	20.2	30.2

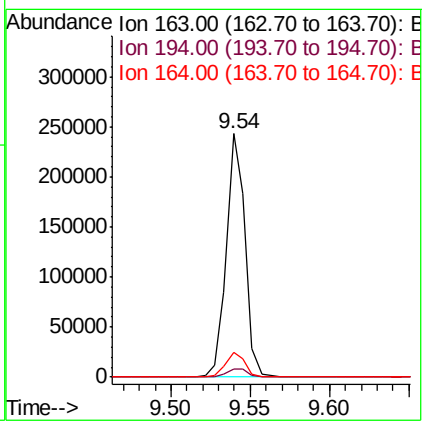


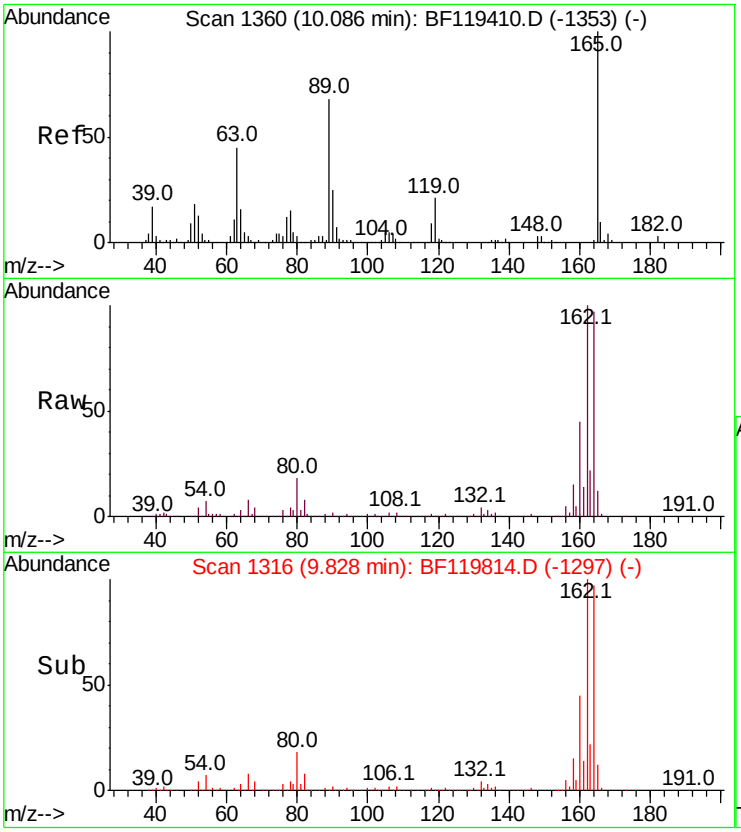


#50
Dimethylphthalate
Concen: 9.527 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF119814.D
Acq: 7 Apr 2020 11:42

Tgt Ion:163 Resp: 197882

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.1	4.7
164	10.2	8.2	12.2



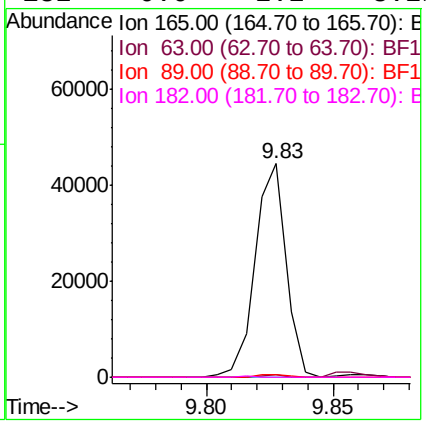


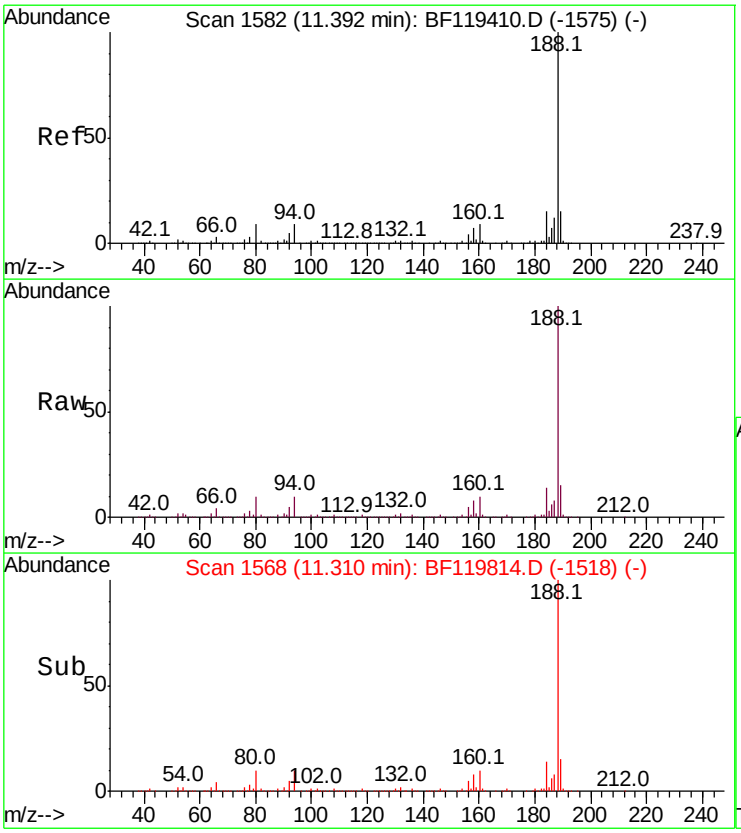
#57
2,4-Dinitrotoluene
Concen: 6.834 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.19 min
Lab File: BF119814.D
Acq: 7 Apr 2020 11:42

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-055-A

Tgt Ion:165 Resp: 38327

Ion	Ratio	Lower	Upper
165	100		
63	1.4	42.6	64.0#
89	0.9	61.0	91.4#
182	0.0	2.2	3.2#

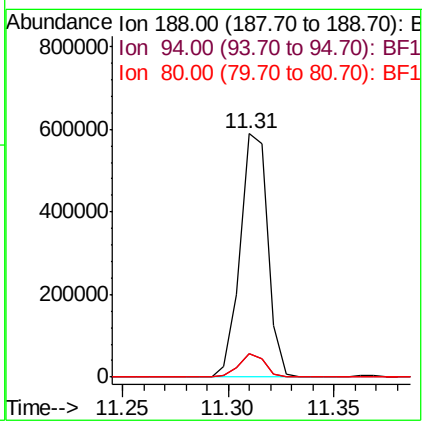


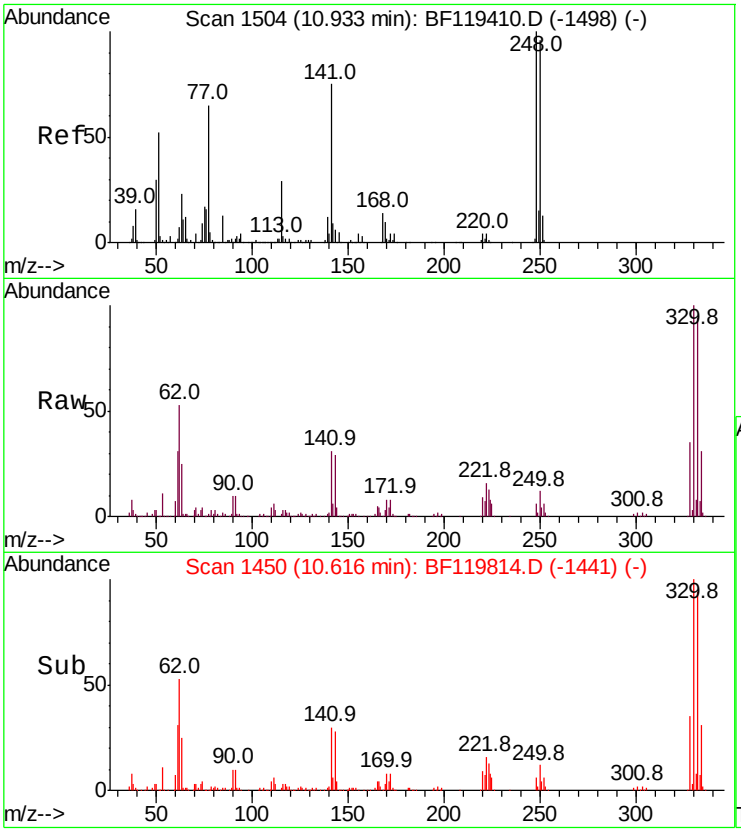


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF119814.D
Acq: 7 Apr 2020 11:42

Tgt Ion:188 Resp: 536671

Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.5	11.3
80	9.7	9.0	13.4



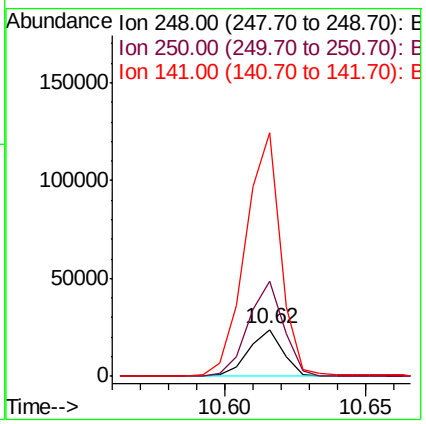


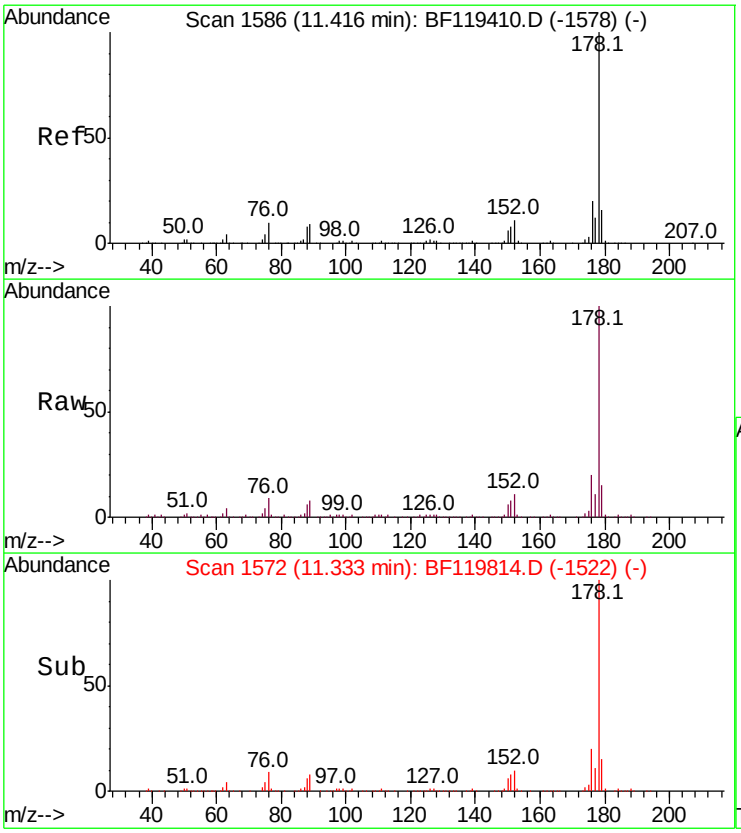
#67
4-Bromophenyl-phenylether
Concen: 3.309 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF119814.D
Acq: 7 Apr 2020 11:42

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-055-A

Tgt Ion:248 Resp: 20224

Ion	Ratio	Lower	Upper
248	100		
250	204.3	77.3	115.9#
141	523.1	58.6	87.8#

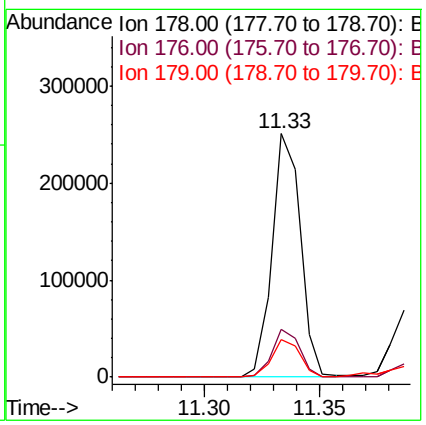


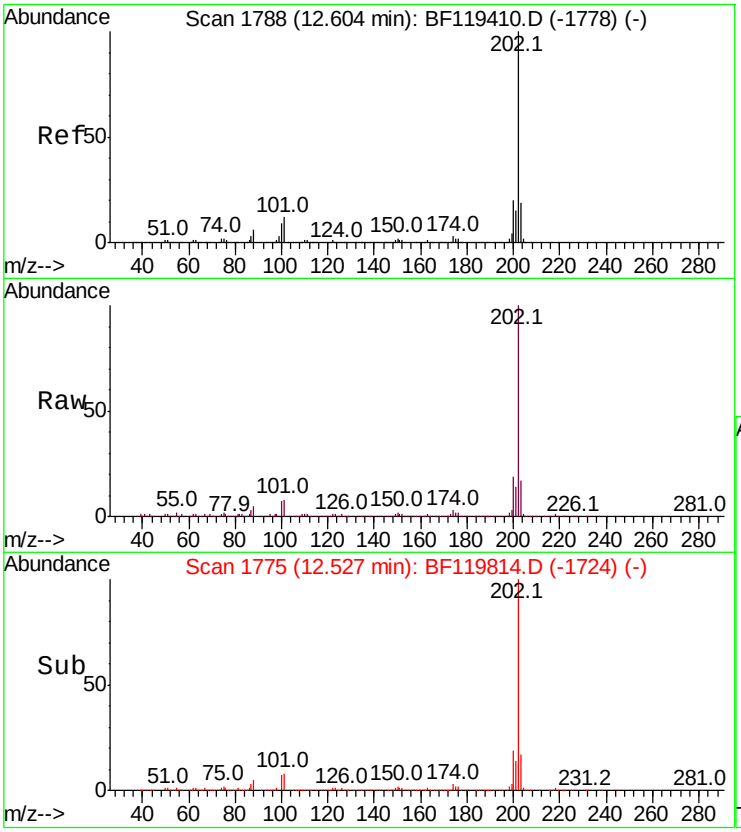


#71
Phenanthrene
Concen: 7.686 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF119814.D
Acq: 7 Apr 2020 11:42

Tgt Ion:178 Resp: 213888

Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.2	24.4
179	15.4	13.2	19.8



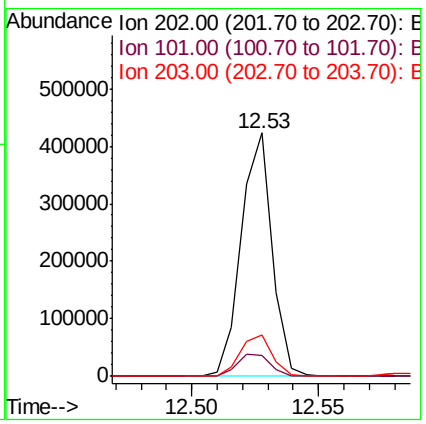


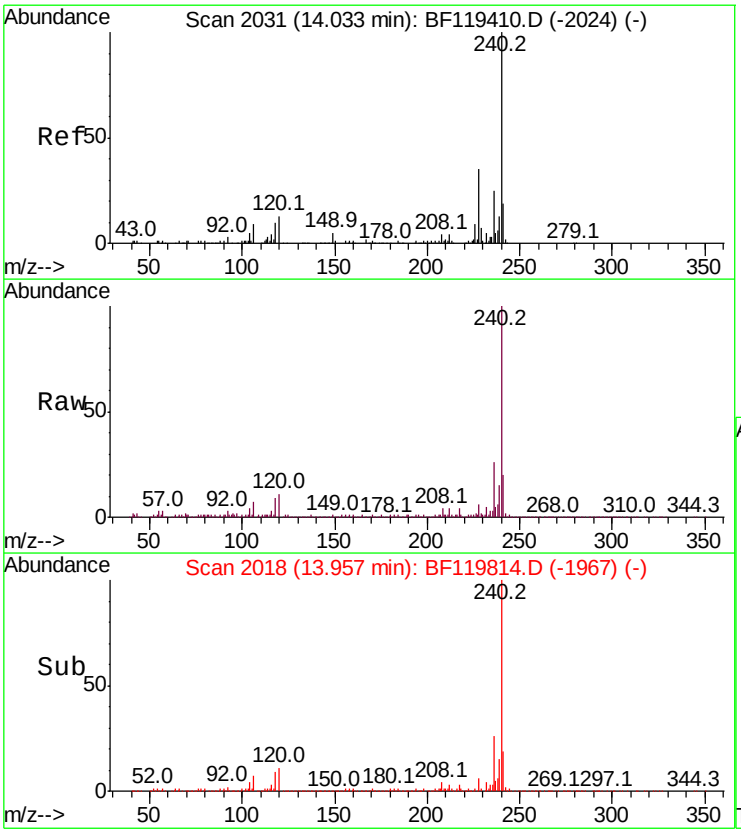
#75
Fluoranthene
Concen: 11.832 ng
RT: 12.53 min Scan# 1775
Delta R.T. 0.00 min
Lab File: BF119814.D
Acq: 7 Apr 2020 11:42

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-055-A

Tgt Ion:202 Resp: 356322

Ion	Ratio	Lower	Upper
202	100		
101	8.5	0.0	32.2
203	16.8	0.0	38.8

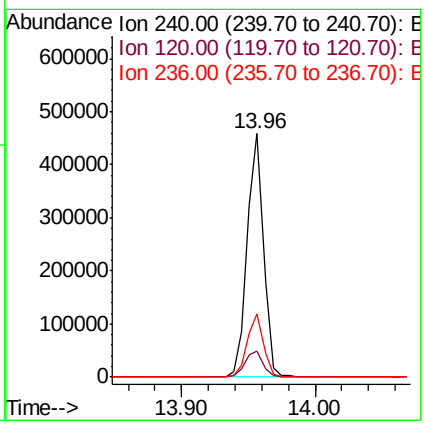


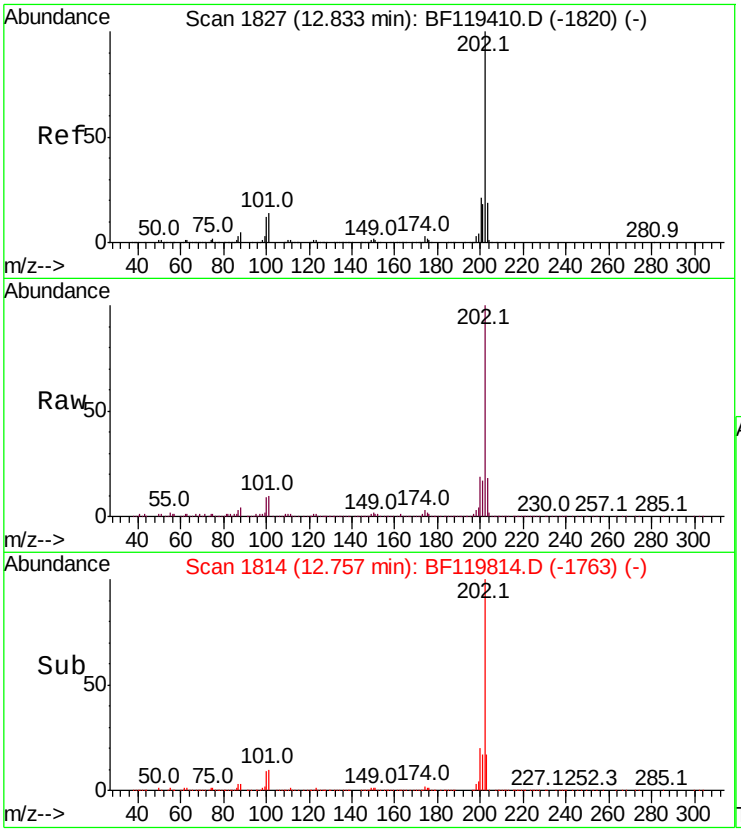


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BF119814.D
Acq: 7 Apr 2020 11:42

Tgt Ion:240 Resp: 381230

Ion	Ratio	Lower	Upper
240	100		
120	10.8	10.6	15.8
236	25.9	20.2	30.2



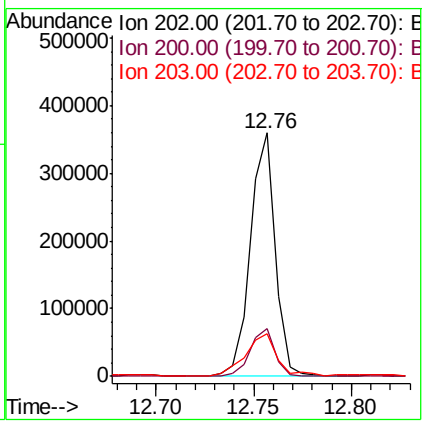


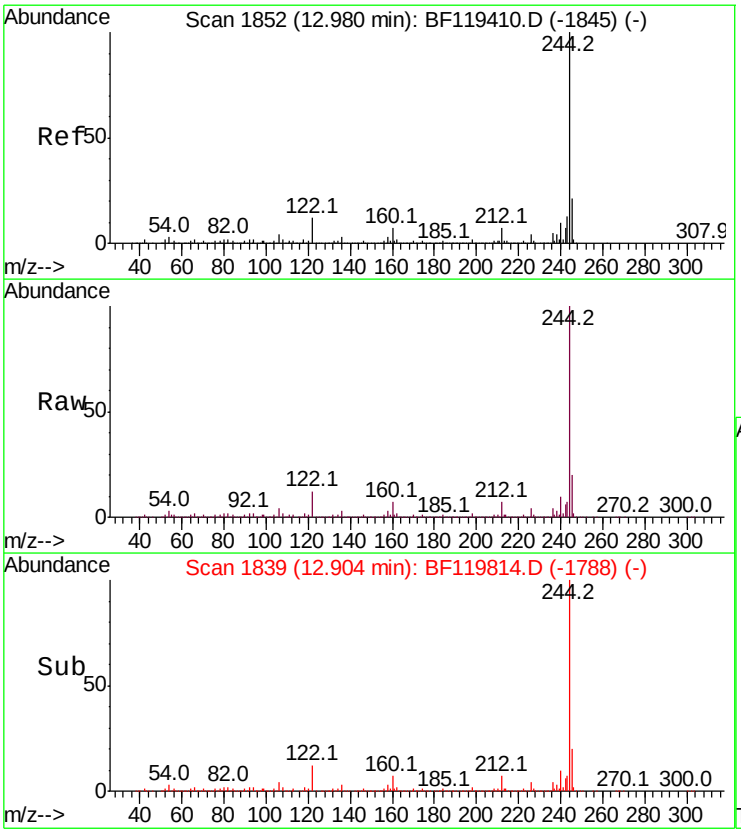
#78
Pyrene
Concen: 10.078 ng
RT: 12.76 min Scan# 1814
Delta R.T. 0.00 min
Lab File: BF119814.D
Acq: 7 Apr 2020 11:42

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-055-A

Tgt Ion:202 Resp: 315309

Ion	Ratio	Lower	Upper
202	100		
200	19.5	16.8	25.2
203	17.7	15.1	22.7

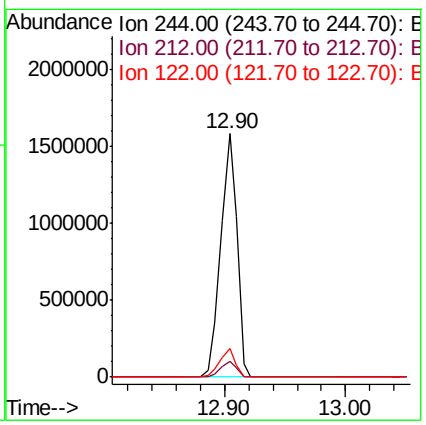


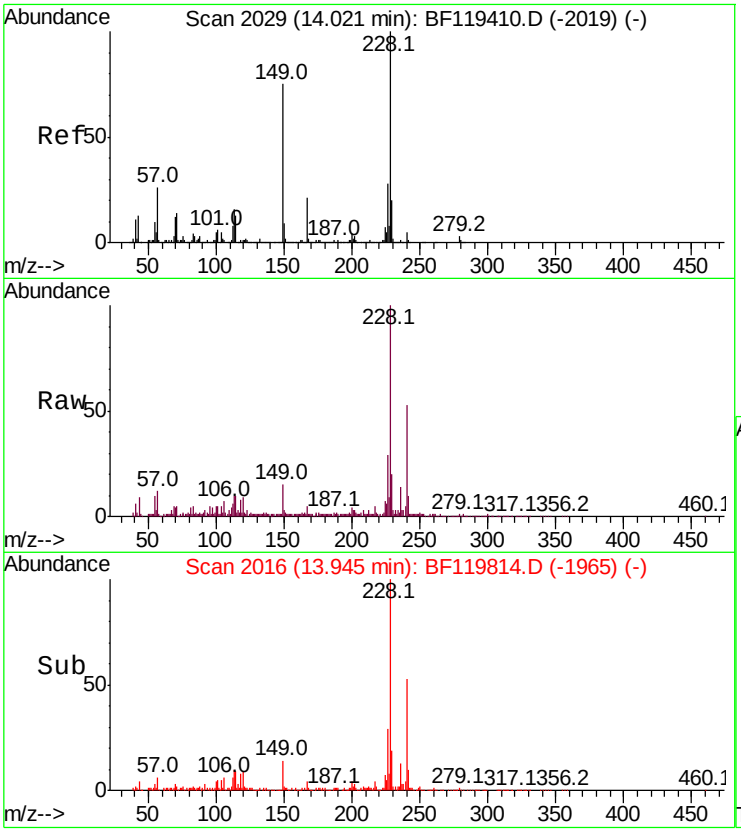


#79
Terphenyl-d14
Concen: 75.335 ng
RT: 12.90 min Scan# 1839
Delta R.T. 0.00 min
Lab File: BF119814.D
Acq: 7 Apr 2020 11:42

Tgt Ion:244 Resp: 1465887

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.8
122	11.8	10.3	15.5



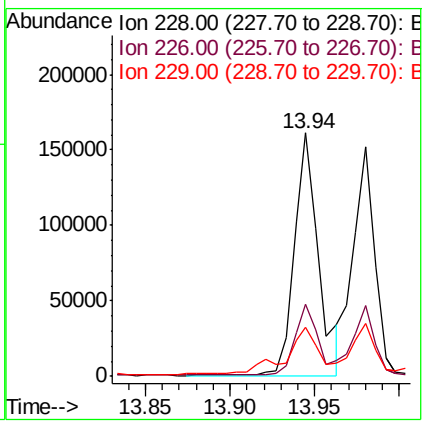


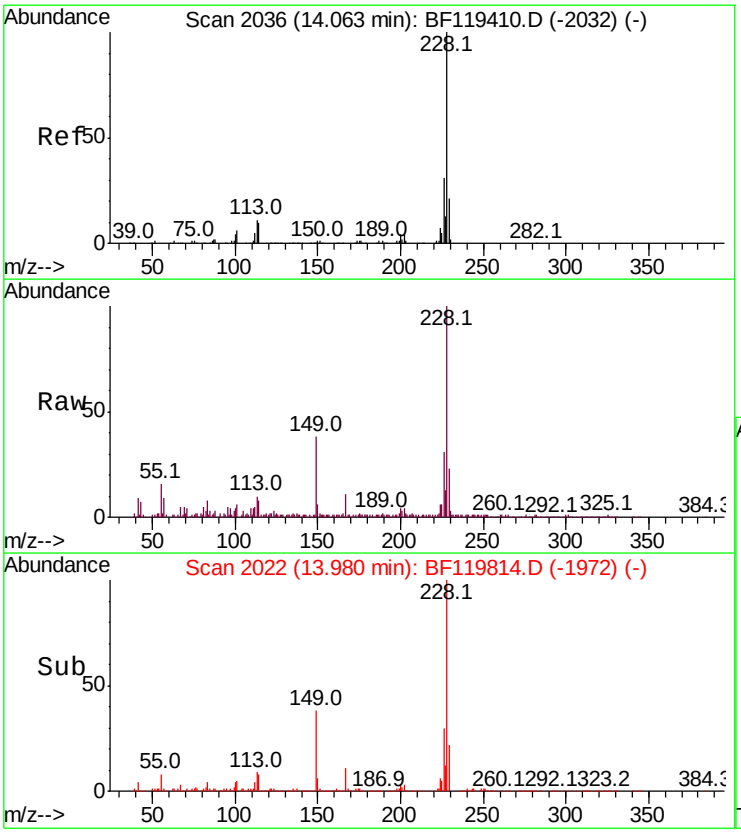
#81
Benzo(a)anthracene
Concen: 6.488 ng
RT: 13.94 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BF119814.D
Acq: 7 Apr 2020 11:42

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-055-A

Tgt Ion:228 Resp: 160839

Ion	Ratio	Lower	Upper
228	100		
226	29.4	21.8	32.8
229	20.0	16.2	24.4

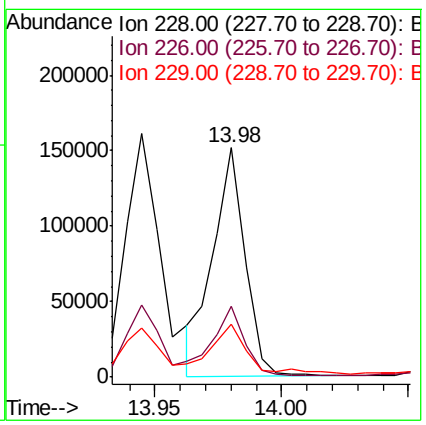


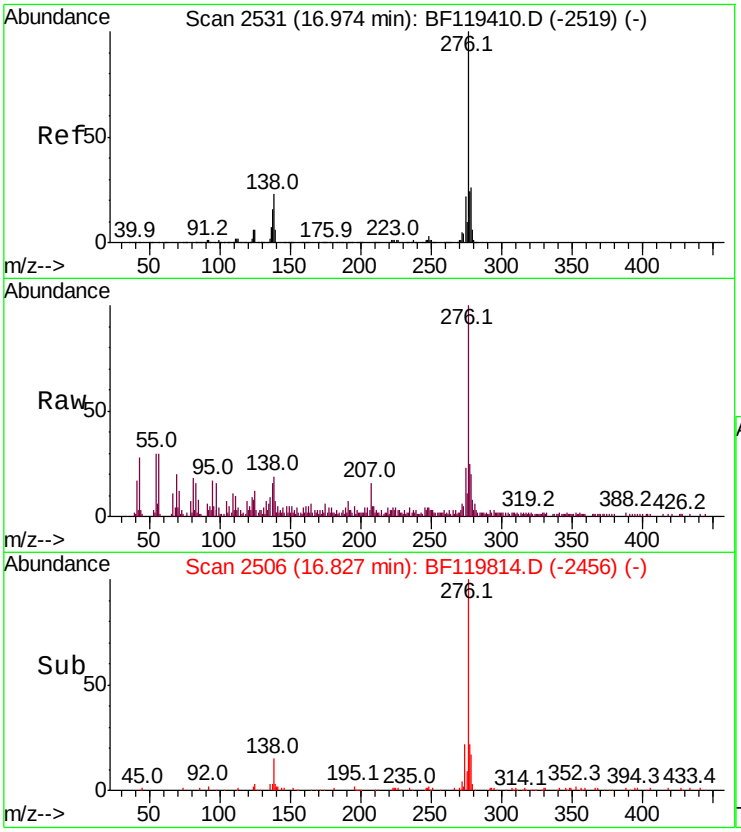


#83
Chrysene
Concen: 5.251 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF119814.D
Acq: 7 Apr 2020 11:42

Tgt Ion:228 Resp: 134339

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.4	38.0
229	22.8	16.6	24.8



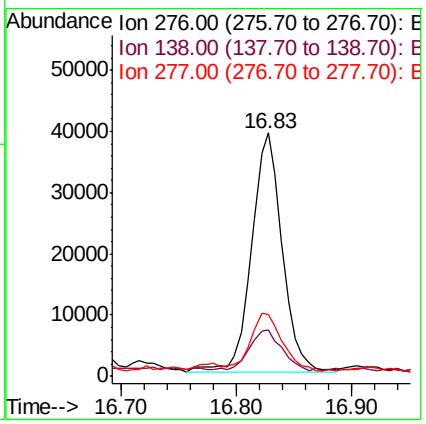


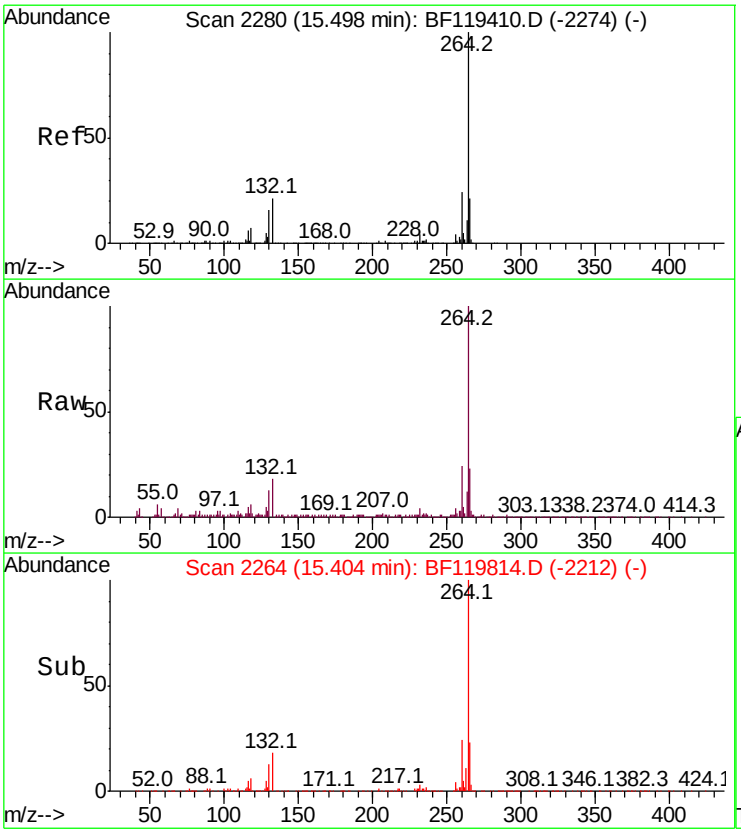
#86
Indeno(1,2,3-cd)pyrene
Concen: 3.002 ng
RT: 16.83 min Scan# 2506
Delta R.T. -0.01 min
Lab File: BF119814.D
Acq: 7 Apr 2020 11:42

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-055-A

Tgt Ion:276 Resp: 72343

Ion	Ratio	Lower	Upper
276	100		
138	18.7	19.6	29.4#
277	24.3	20.0	30.0

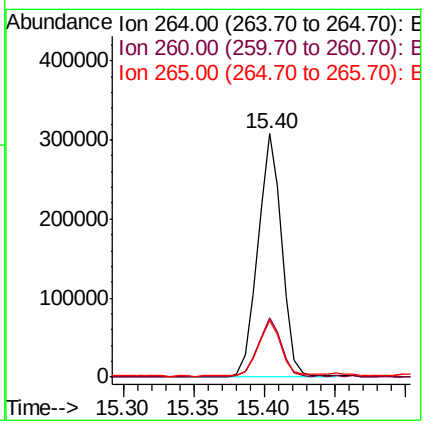


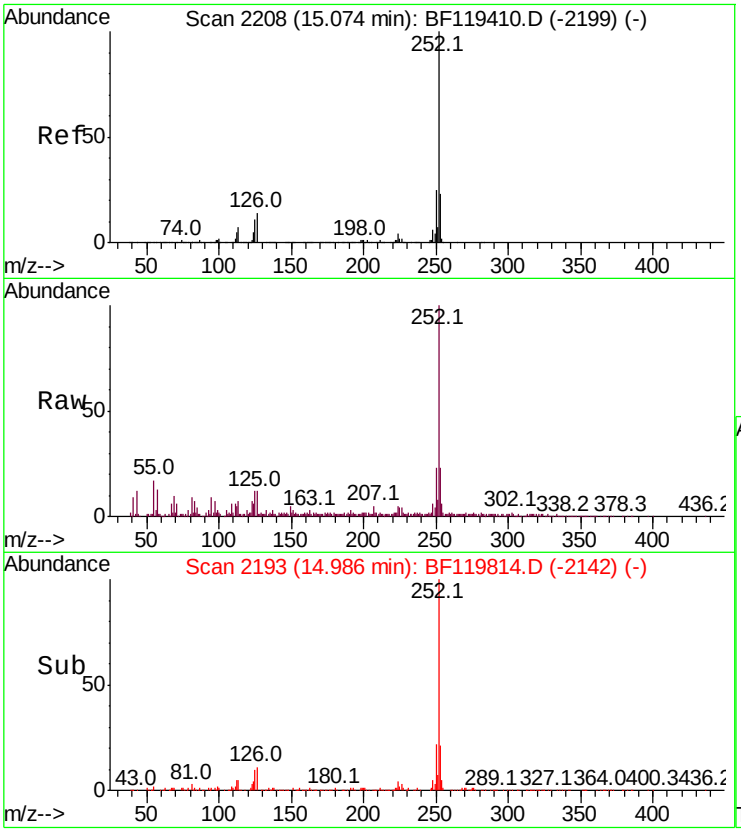


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.01 min
Lab File: BF119814.D
Acq: 7 Apr 2020 11:42

Tgt Ion:264 Resp: 364590

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.7	28.1
265	23.2	17.7	26.5



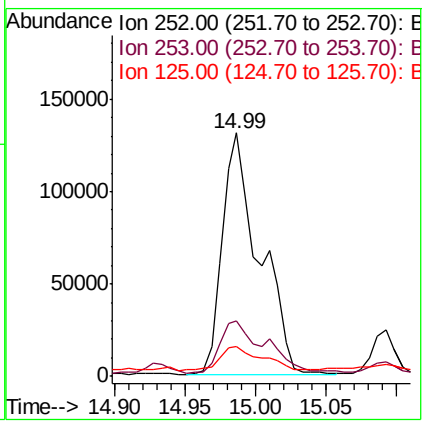


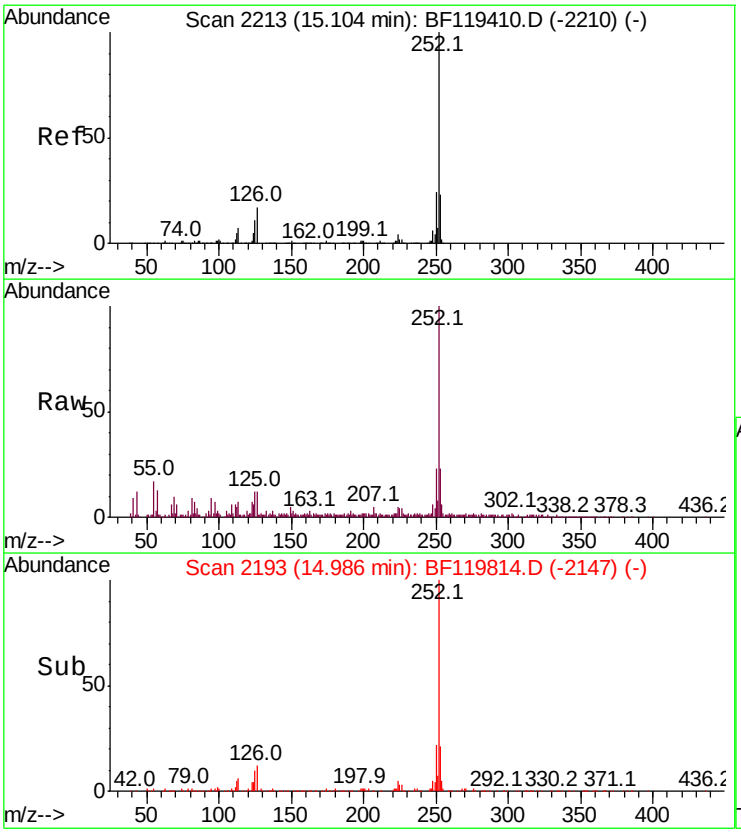
#88
Benzo(b)fluoranthene
Concen: 9.882 ng
RT: 14.99 min Scan# 2193
Delta R.T. 0.00 min
Lab File: BF119814.D
Acq: 7 Apr 2020 11:42

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-055-A

Tgt Ion:252 Resp: 240675

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.0
125	12.5	7.9	11.9#

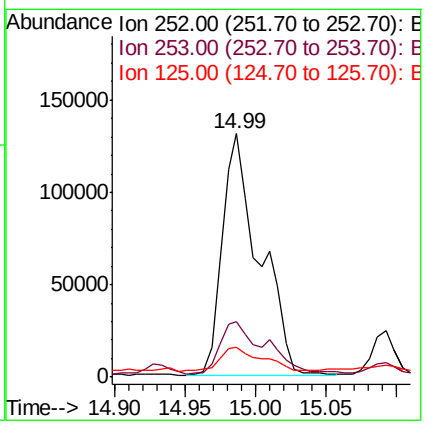


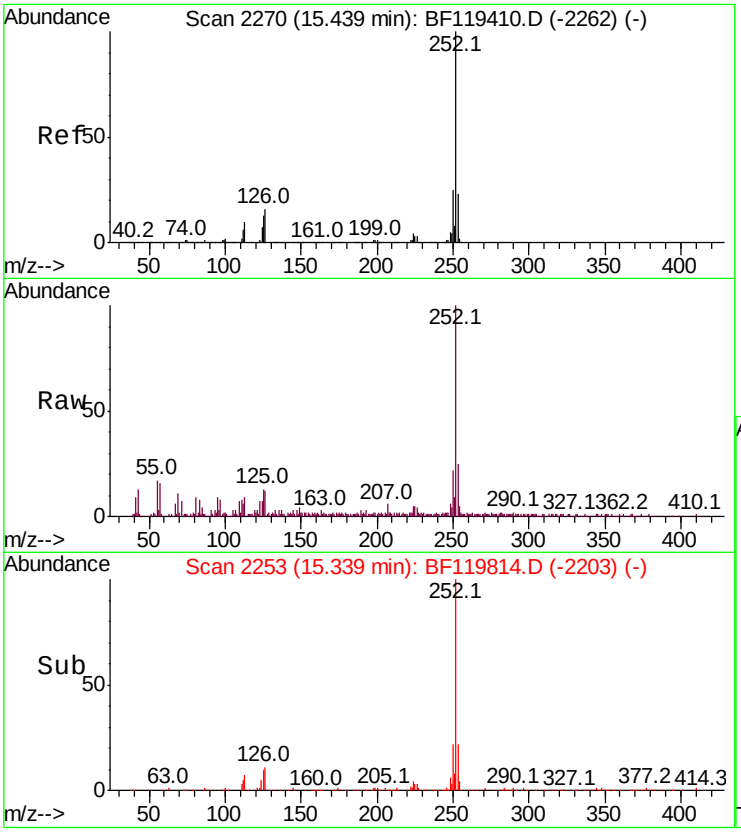


#89
Benzo(k)fluoranthene
Concen: 10.378 ng
RT: 14.99 min Scan# 2193
Delta R.T. -0.03 min
Lab File: BF119814.D
Acq: 7 Apr 2020 11:42

Tgt Ion:252 Resp: 240675

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	12.5	8.4	12.6



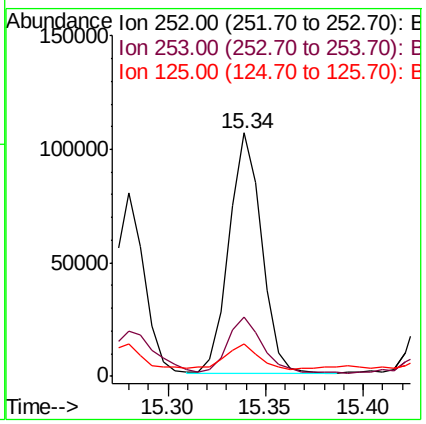


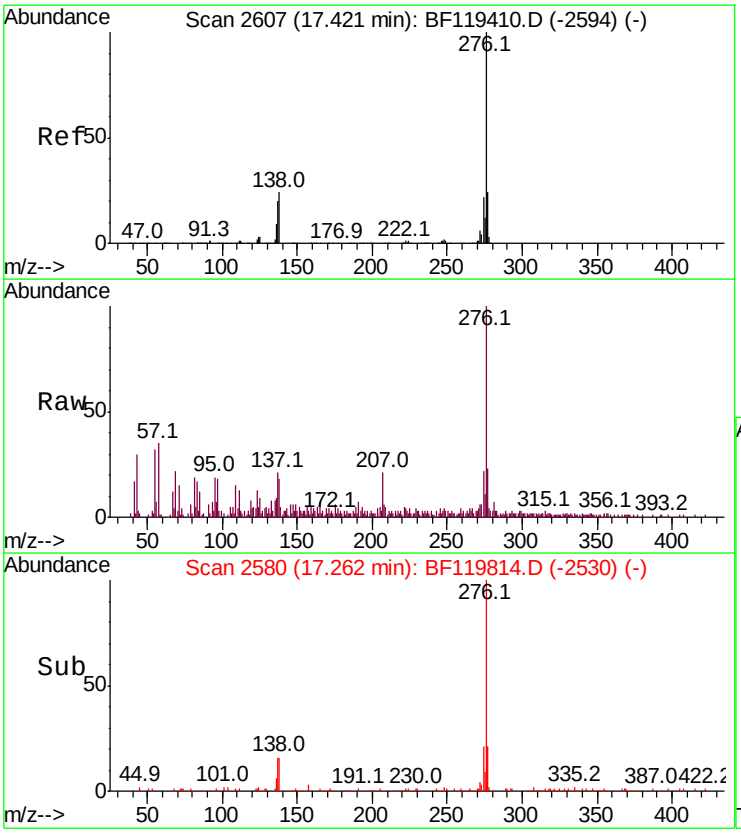
#90
Benzo(a)pyrene
Concen: 5.544 ng
RT: 15.34 min Scan# 2253
Delta R.T. -0.01 min
Lab File: BF119814.D
Acq: 7 Apr 2020 11:42

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-055-A

Tgt Ion:252 Resp: 122715

Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.2	27.2
125	13.2	9.4	14.2





#92
Benzo(g,h,i)perylene
Concen: 3.432 ng
RT: 17.26 min Scan# 2580
Delta R.T. -0.01 min
Lab File: BF119814.D
Acq: 7 Apr 2020 11:42

Tgt Ion:276 Resp: 66742

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.4	27.6
138	18.2	15.4	23.0