Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121418\
Data File : BF111440.D
Acq On : 15 Dec 2018 1:07
Operator : JU/SJ
Sample : J6374-03 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FK-GF-02-029-B

Quant Time: Dec 15 02:54:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	167787	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	641003	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	255973	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	391370	20.00	ng		0.00
76) Chrysene-d12	13.95	240	296970	20.00	ng		0.00
87) Perylene-d12	15.40	264	204981	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	492802	48.87	ng		0.00
7) Phenol-d6	6.43	99	620904	46.29	ng		0.00
23) Nitrobenzene-d5	7.35	82	353057	32.80	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	88995	38.81	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	623710	37.64	ng		0.00
79) Terphenyl-d14	12.90	244	477434	37.75	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.45	94	40314	2.698	ng		93
19) n-Nitroso-di-n-propylamine	7.35	70	44738	5.056	ng	#	80
25) Isophorone	7.35	82	353053	19.384	ng	#	64
50) Dimethylphthalate	9.55	163	51481	2.793	ng	#	96
57) 2,4-Dinitrotoluene	9.83	165	35156	6.455	ng	#	25
71) Phenanthrene	11.34	178	93746	4.649	ng	#	92
75) Fluoranthene	12.53	202	154017	7.807	ng		95
78) Pyrene	12.76	202	150910	7.208	ng		93
81) Benzo(a)anthracene	13.94	228	65335	4.046	ng		96
83) Chrysene	13.98	228	66188	3.891	ng		94
88) Benzo(b)fluoranthene	14.98	252	82039	6.865	ng	#	75
89) Benzo(k)fluoranthene	14.98	252	82039	7.184	ng	#	74
90) Benzo(a)pyrene	15.33	252	39606	3.675	ng	#	76
92) Benzo(g,h,i)perylene	17.24	276	22356	2.679	ng	#	90

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121418\
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Misc :
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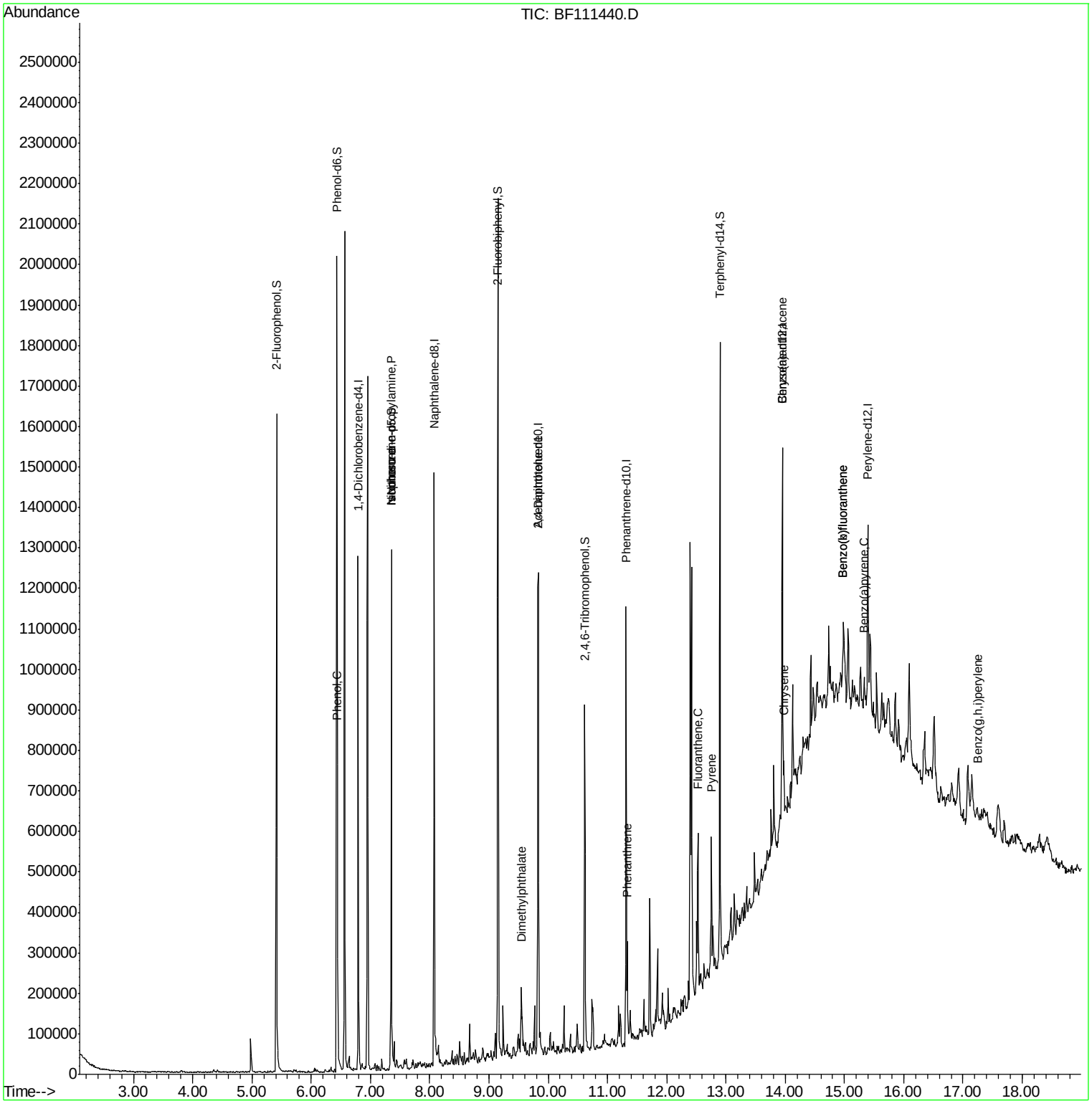
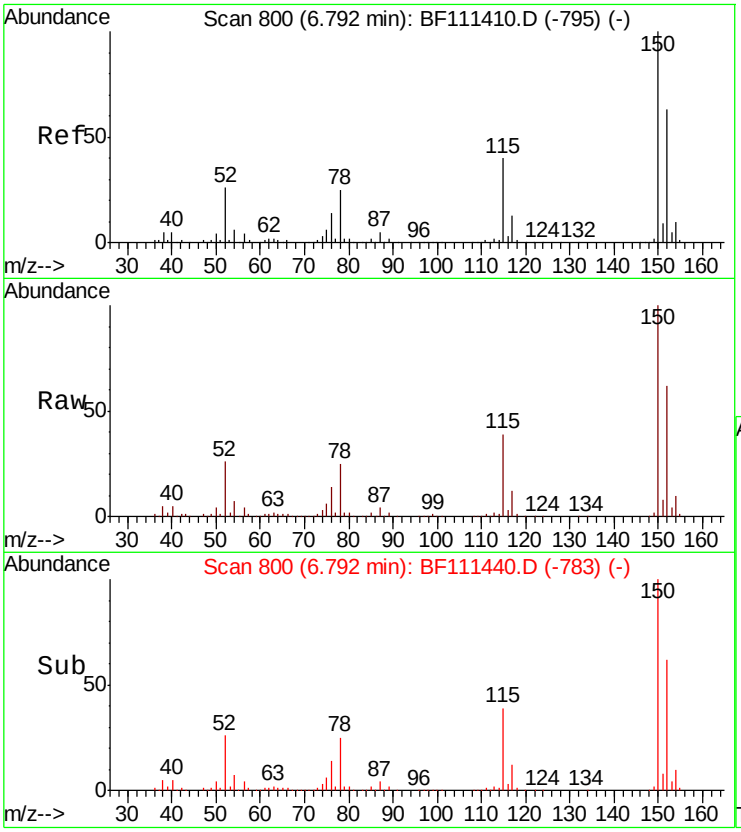
Quant Time: Dec 15 02:54:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration



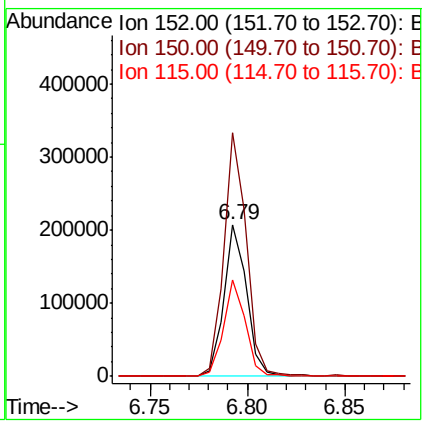


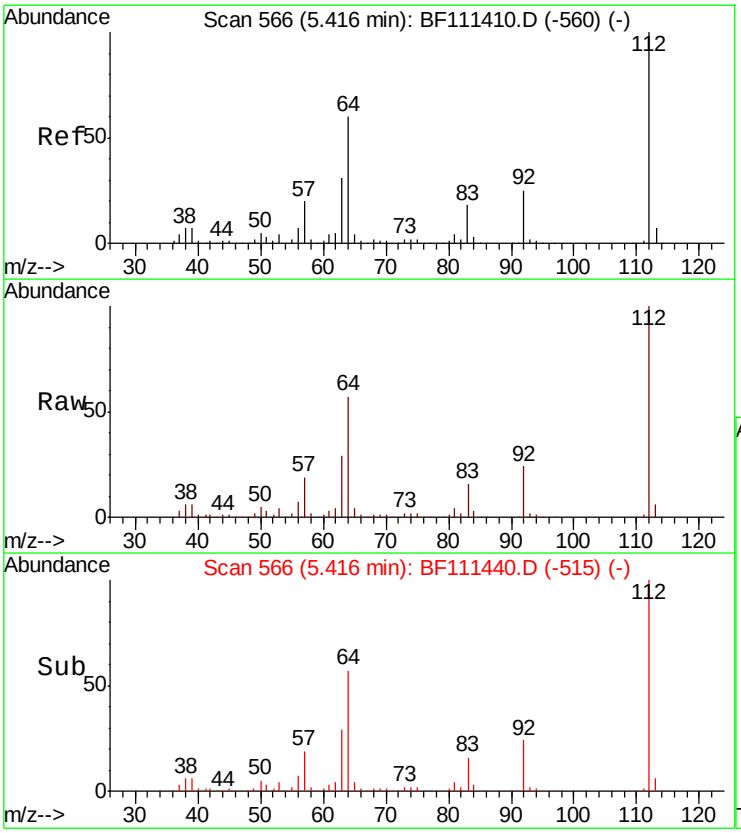
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF111440.D
Acq: 15 Dec 2018 1:07

Instrument :
BNA_G
ClientSampleId :
FK-GF-02-029-B

Tgt Ion:152 Resp: 167787

Ion	Ratio	Lower	Upper
152	100		
150	160.7	126.6	189.8
115	63.2	50.7	76.1

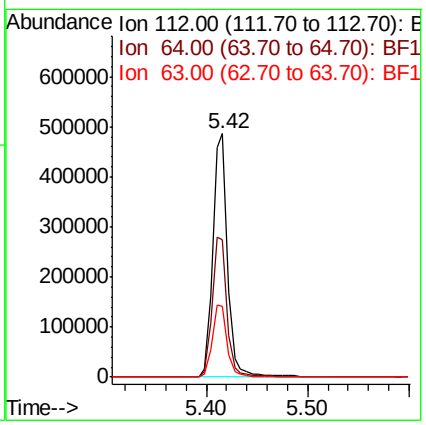


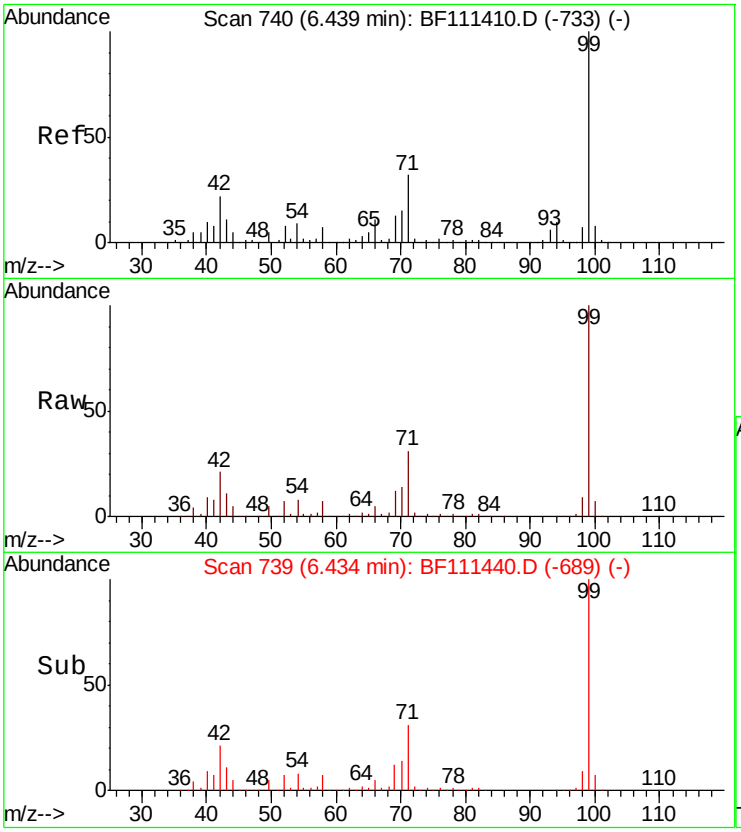


#5
2-Fluorophenol
Concen: 48.875 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF111440.D
Acq: 15 Dec 2018 1:07

Tgt Ion:112 Resp: 492802

Ion	Ratio	Lower	Upper
112	100		
64	56.6	51.8	77.6
63	29.3	26.8	40.2



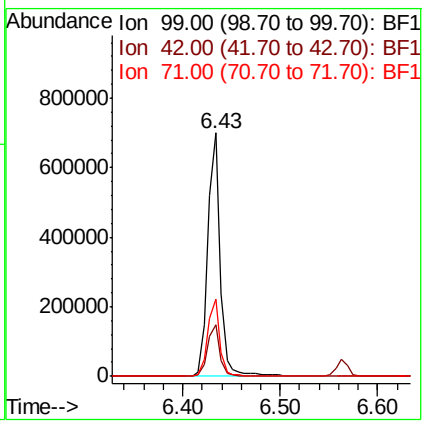


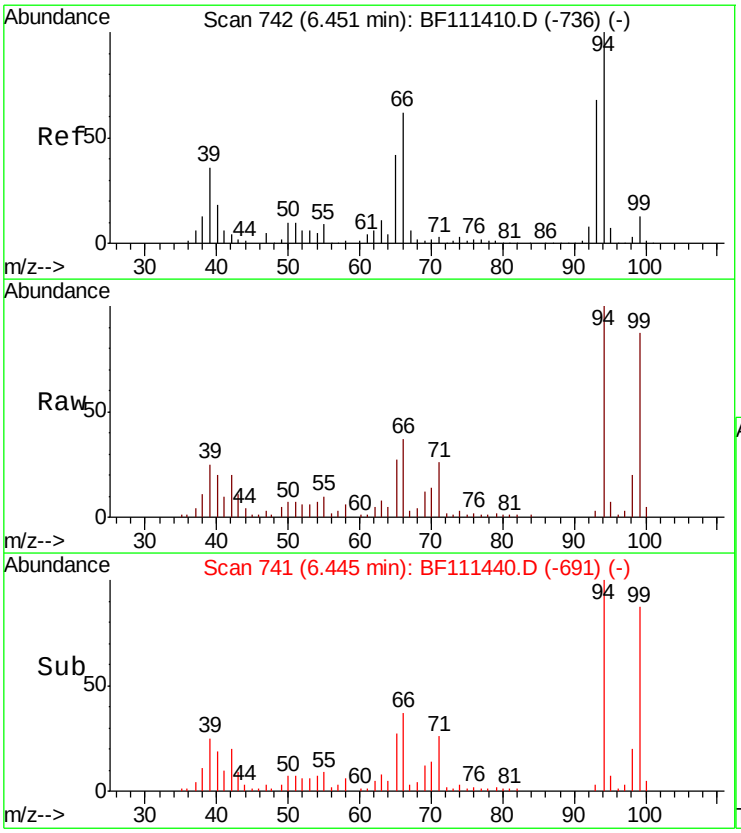
#7
Phenol-d6
Concen: 46.294 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF111440.D
Acq: 15 Dec 2018 1:07

Instrument :
BNA_G
ClientSampleId :
FK-GF-02-029-B

Tgt Ion: 99 Resp: 620904

Ion	Ratio	Lower	Upper
99	100		
42	21.4	17.4	26.0
71	31.5	26.1	39.1

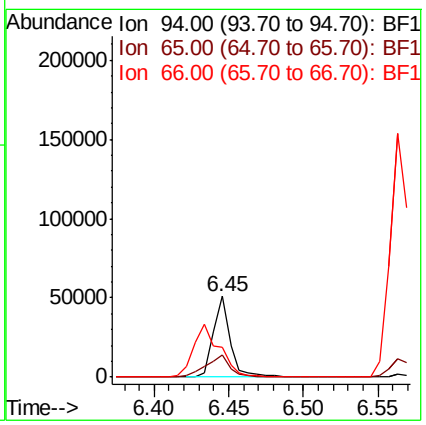


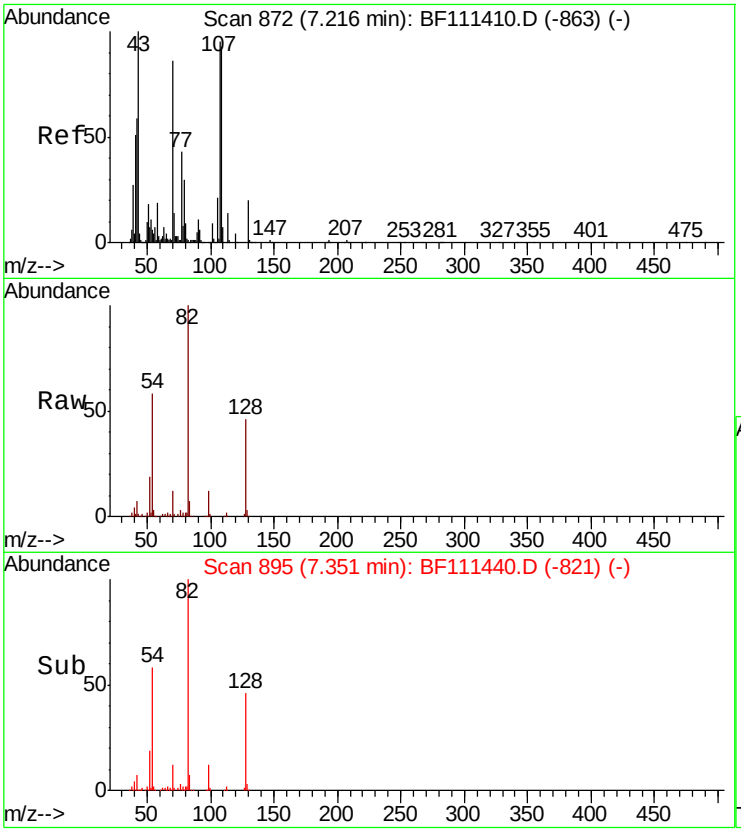


#10
Phenol
Concen: 2.698 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF111440.D
Acq: 15 Dec 2018 1:07

Tgt Ion: 94 Resp: 40314

Ion	Ratio	Lower	Upper
94	100		
65	26.7	11.7	51.7
66	37.1	21.0	61.0



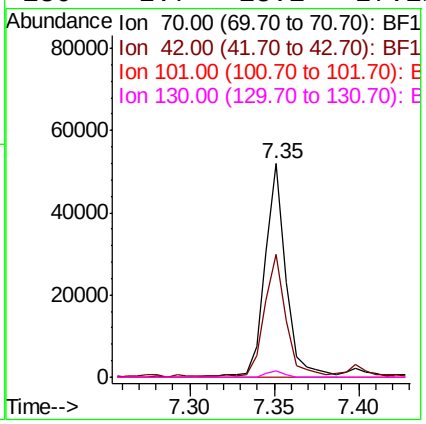


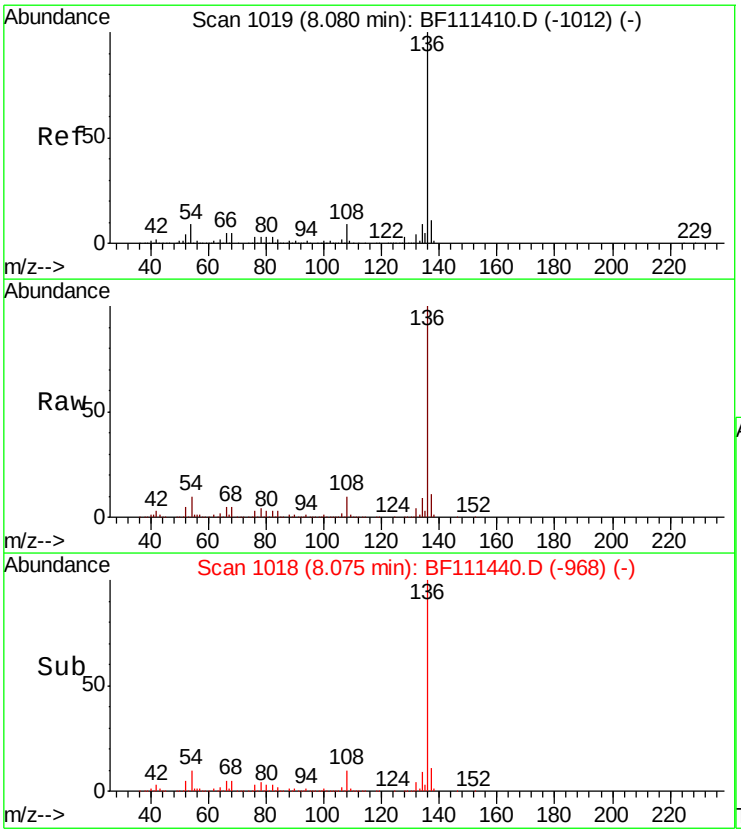
#19
n-Nitroso-di-n-propylamine
Concen: 5.056 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.14 min
Lab File: BF111440.D
Acq: 15 Dec 2018 1:07

Instrument :
BNA_G
ClientSampleId :
FK-GF-02-029-B

Tgt Ion: 70 Resp: 44738

Ion	Ratio	Lower	Upper
70	100		
42	57.6	53.2	79.8
101	0.0	8.2	12.4#
130	2.7	18.1	27.1#

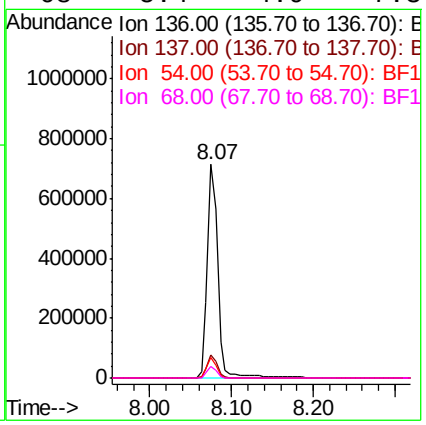


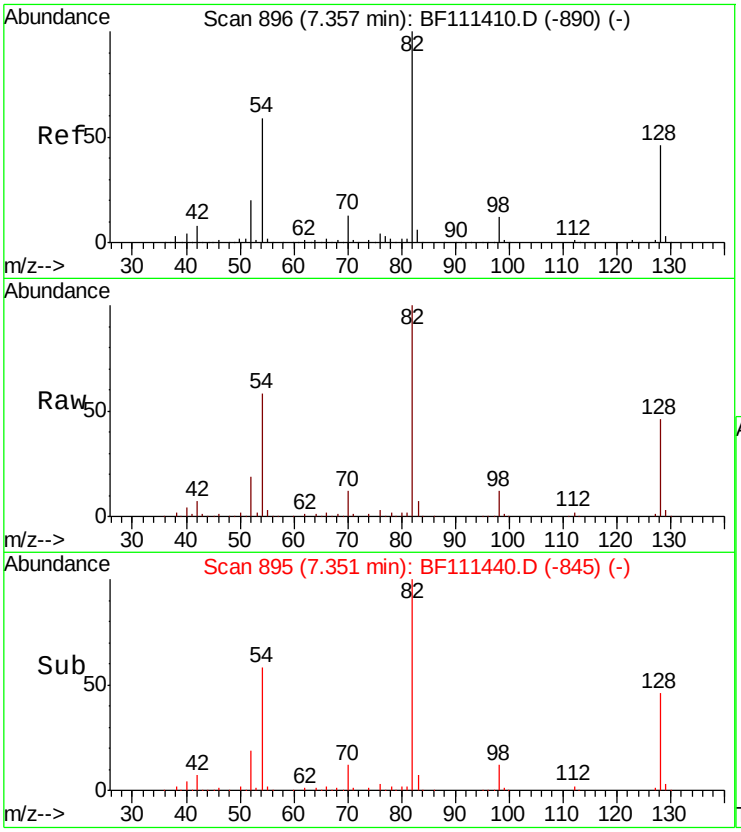


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111440.D
Acq: 15 Dec 2018 1:07

Tgt Ion:136 Resp: 641003

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	9.6	7.7	11.5
68	5.4	4.9	7.3



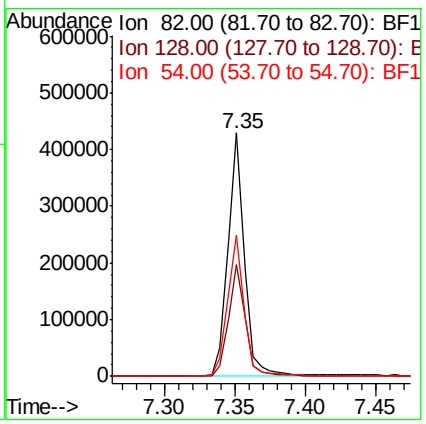


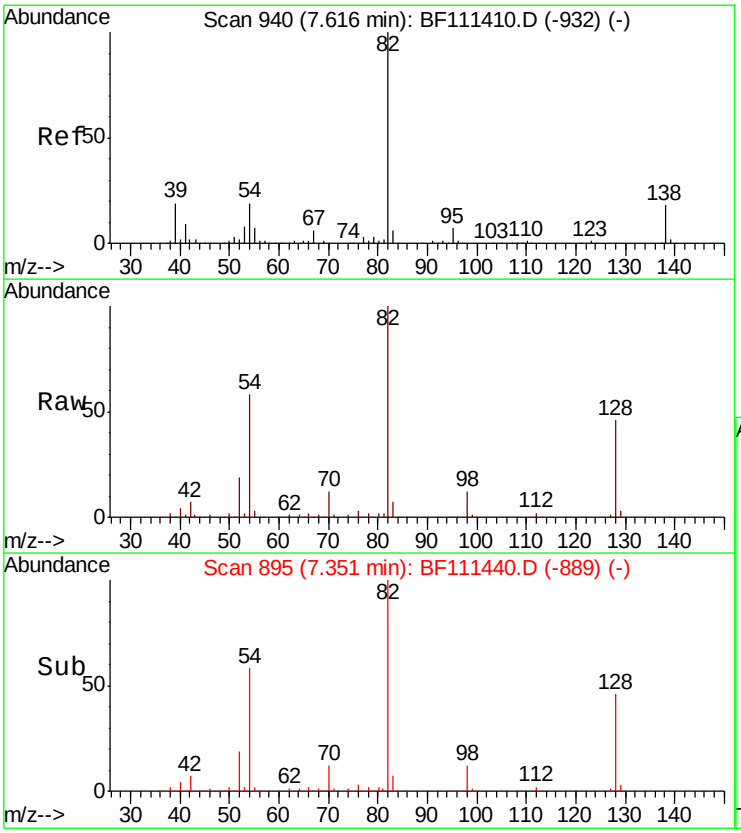
#23
Nitrobenzene-d5
Concen: 32.799 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111440.D
Acq: 15 Dec 2018 1:07

Instrument :
BNA_G
ClientSampleId :
FK-GF-02-029-B

Tgt Ion: 82 Resp: 353057

Ion	Ratio	Lower	Upper
82	100		
128	45.9	37.4	56.2
54	57.8	47.6	71.4

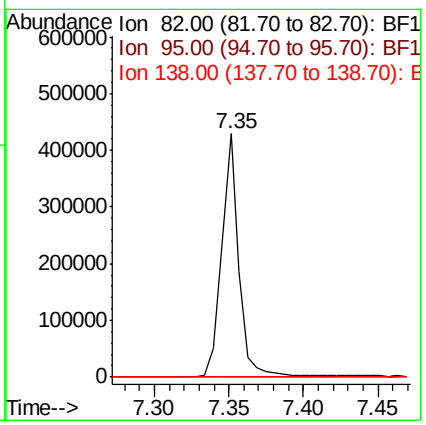


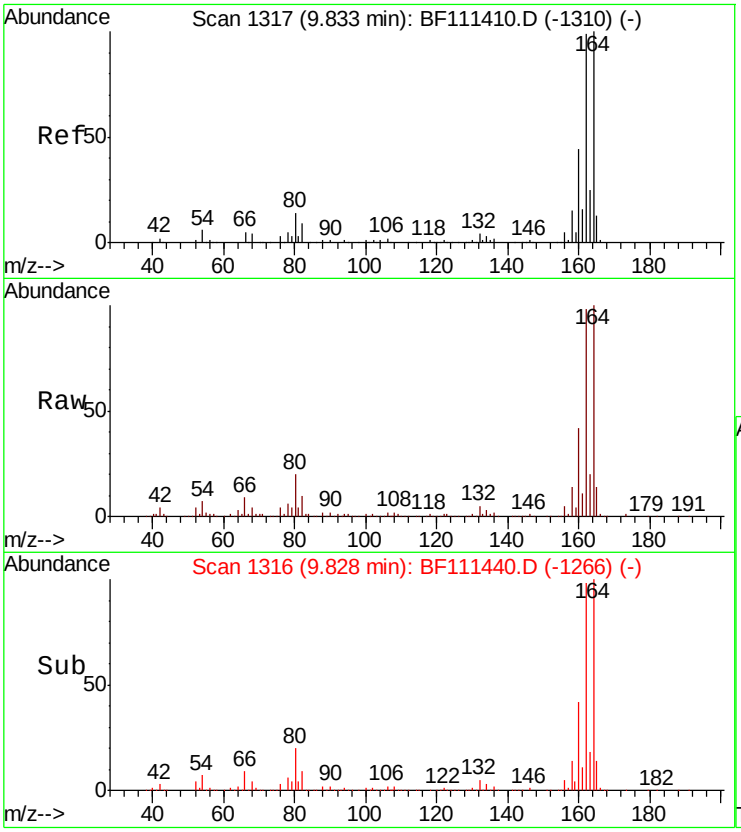


#25
Isophorone
Concen: 19.384 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.26 min
Lab File: BF111440.D
Acq: 15 Dec 2018 1:07

Tgt Ion: 82 Resp: 353053

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.4	8.2#
138	0.0	15.1	22.7#



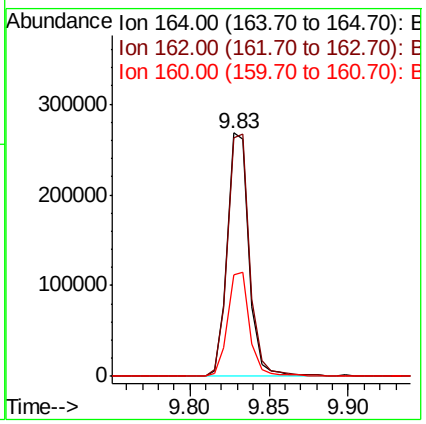


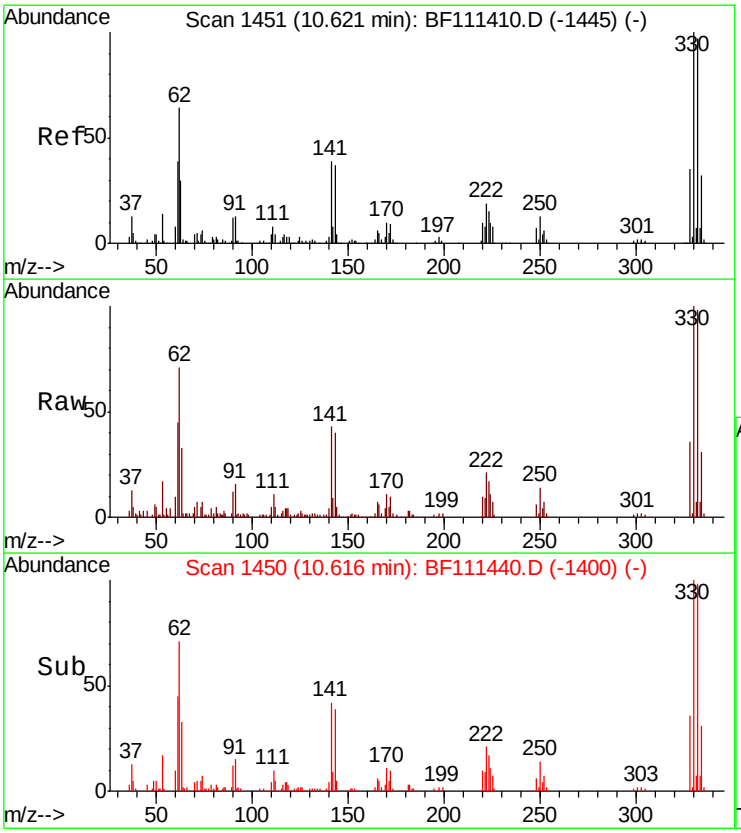
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111440.D
Acq: 15 Dec 2018 1:07

Instrument :
BNA_G
ClientSampleId :
FK-GF-02-029-B

Tgt Ion:164 Resp: 255973

Ion	Ratio	Lower	Upper
164	100		
162	97.8	81.4	122.0
160	41.7	35.7	53.5

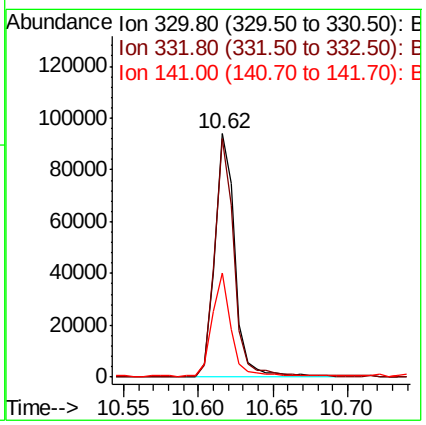


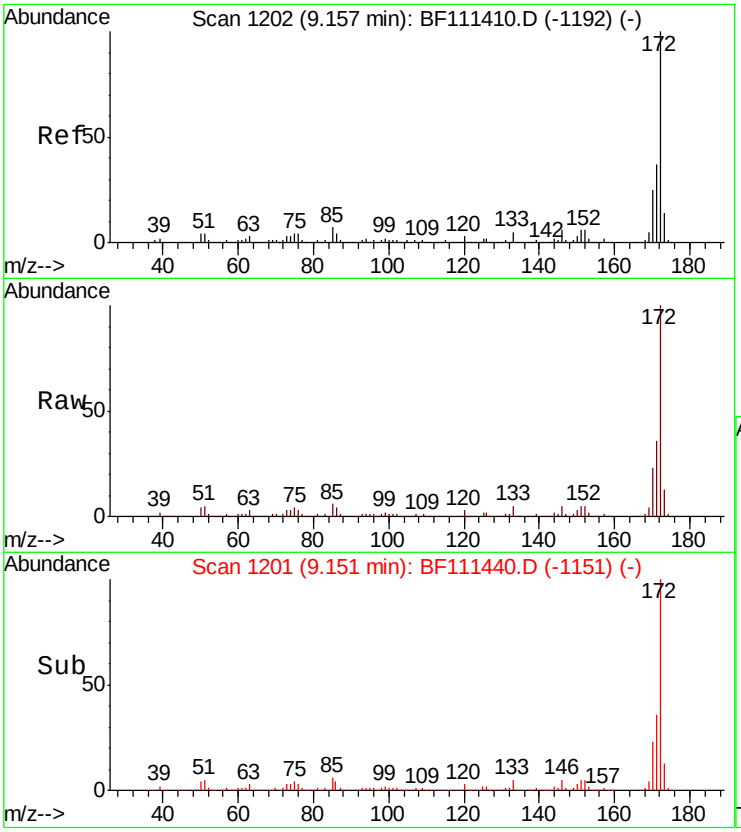


#42
2,4,6-Tribromophenol
Concen: 38.812 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF111440.D
Acq: 15 Dec 2018 1:07

Tgt Ion:330 Resp: 88995

Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.0	114.0
141	39.6	31.0	46.6



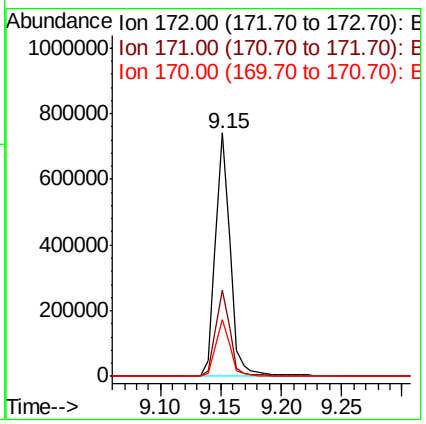


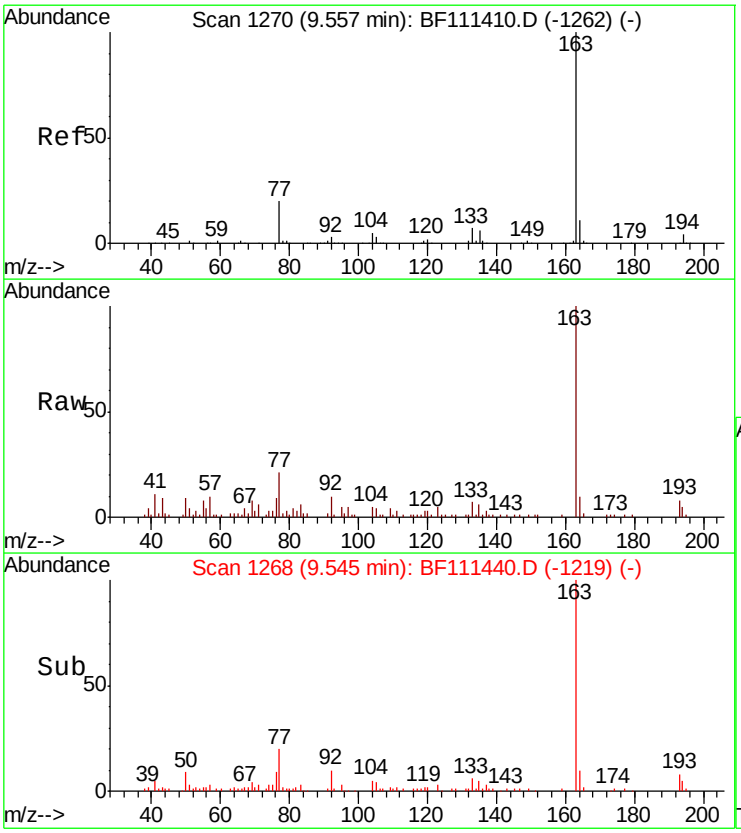
#45
2-Fluorobiphenyl
Concen: 37.637 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111440.D
Acq: 15 Dec 2018 1:07

Instrument :
BNA_G
ClientSampleId :
FK-GF-02-029-B

Tgt Ion:172 Resp: 623710

Ion	Ratio	Lower	Upper
172	100		
171	35.5	33.0	49.4
170	23.3	22.3	33.5

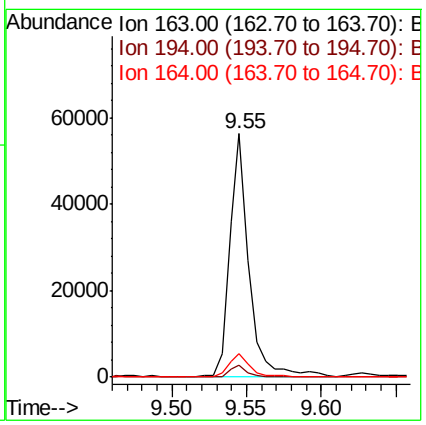


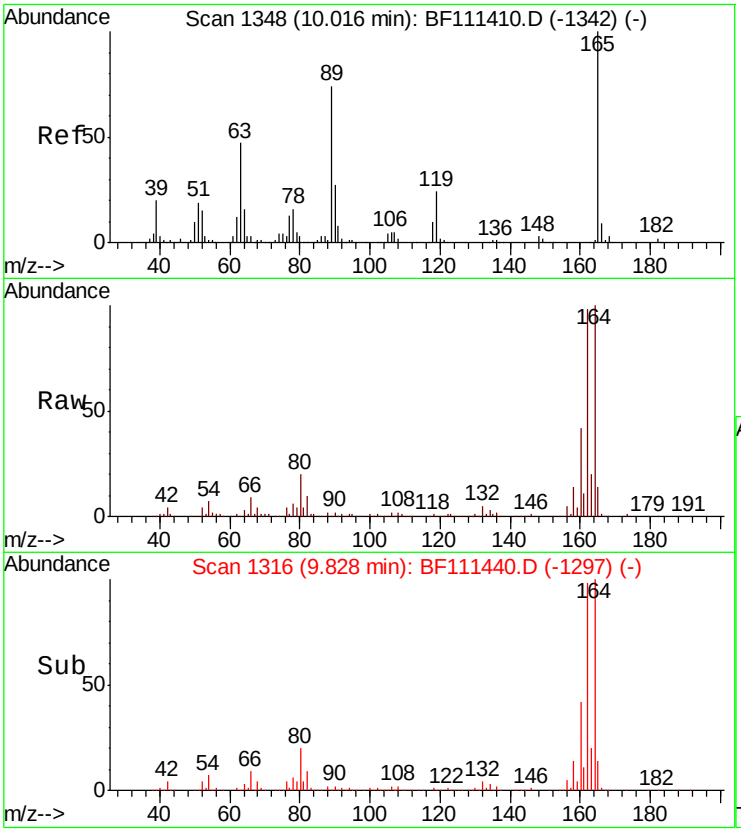


#50
Dimethylphthalate
Concen: 2.793 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF111440.D
Acq: 15 Dec 2018 1:07

Tgt Ion:163 Resp: 51481

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.0	4.6#
164	9.5	8.9	13.3



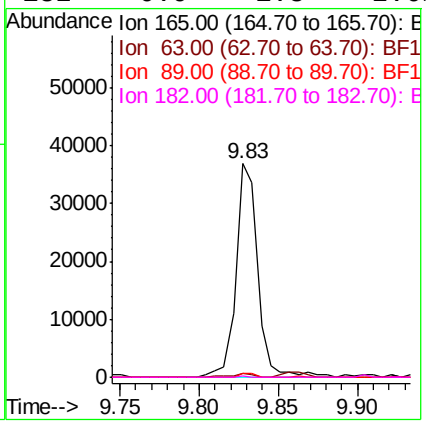


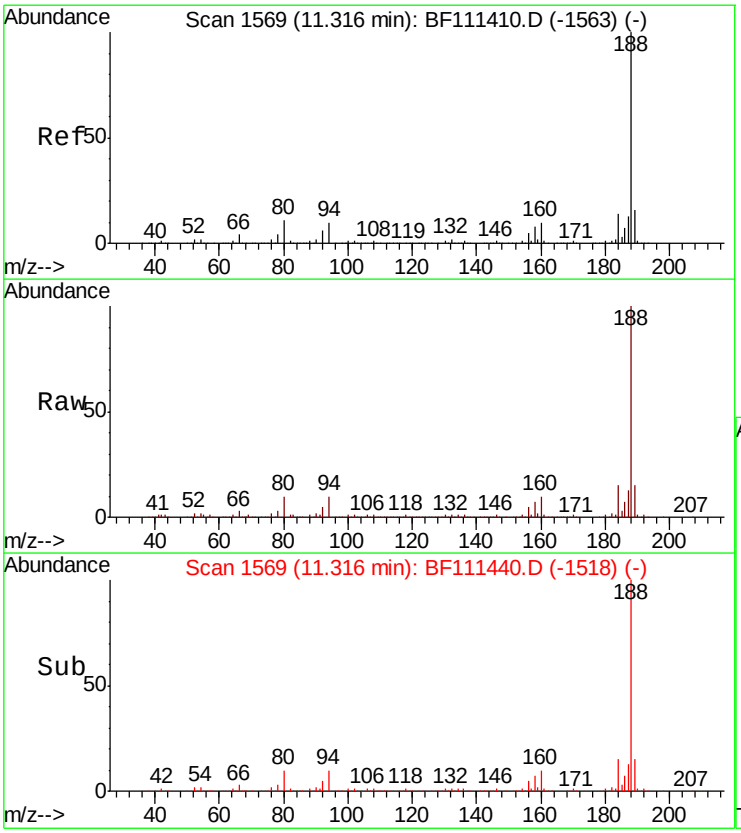
#57
2,4-Dinitrotoluene
Concen: 6.455 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.19 min
Lab File: BF111440.D
Acq: 15 Dec 2018 1:07

Instrument :
BNA_G
ClientSampleId :
FK-GF-02-029-B

Tgt Ion:165 Resp: 35156

Ion	Ratio	Lower	Upper
165	100		
63	1.9	34.6	52.0#
89	1.8	56.2	84.4#
182	0.9	1.8	2.6#

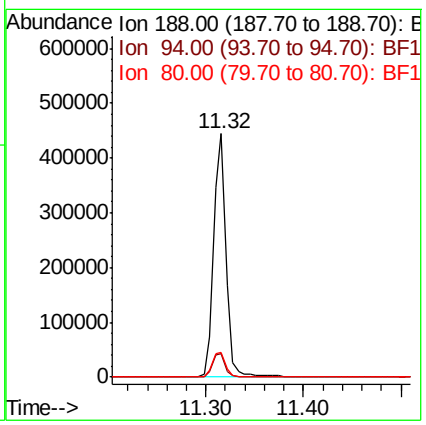


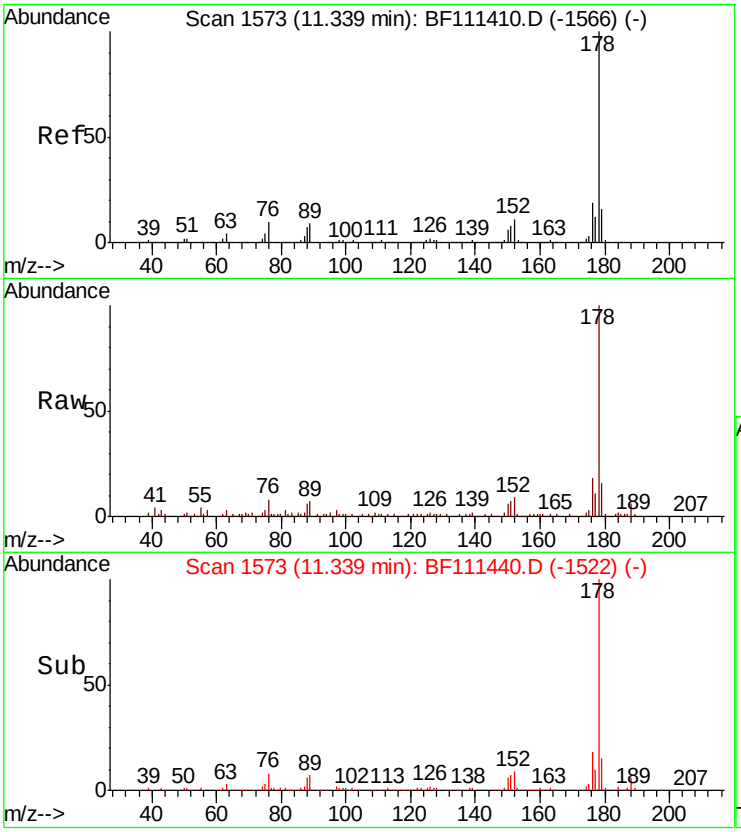


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF111440.D
Acq: 15 Dec 2018 1:07

Tgt Ion:188 Resp: 391370

Ion	Ratio	Lower	Upper
188	100		
94	9.6	9.6	14.4
80	10.0	9.8	14.6



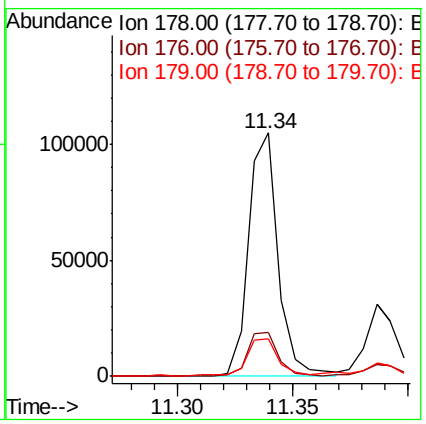


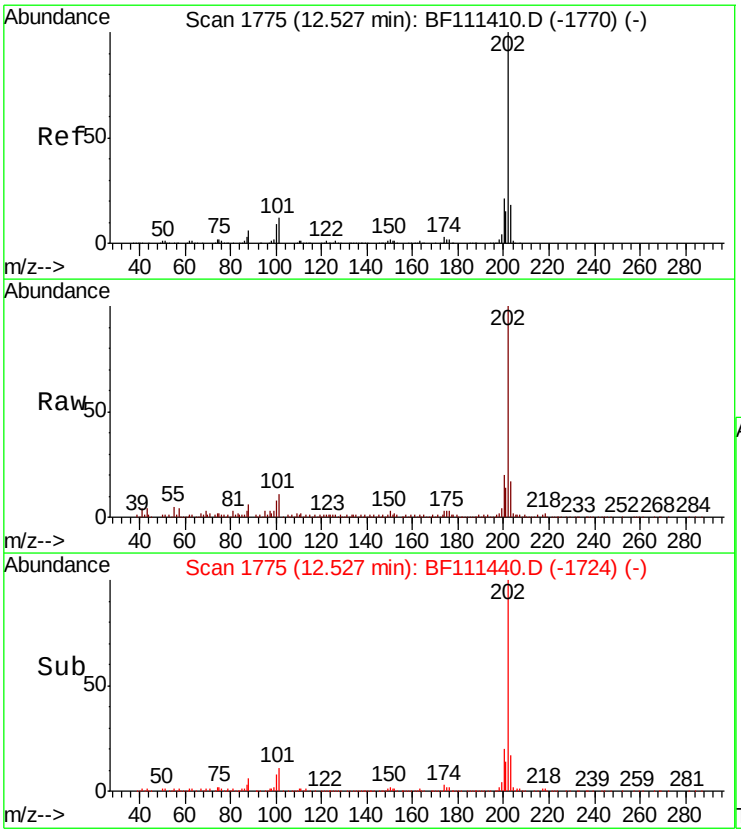
#71
Phenanthrene
Concen: 4.649 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF111440.D
Acq: 15 Dec 2018 1:07

Instrument :
BNA_G
ClientSampleId :
FK-GF-02-029-B

Tgt Ion:178 Resp: 93746

Ion	Ratio	Lower	Upper
178	100		
176	17.8	18.1	27.1#
179	15.6	14.0	21.0

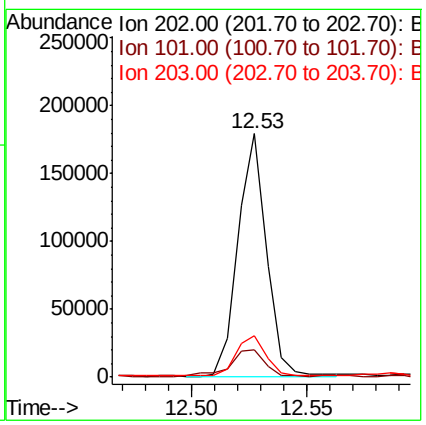


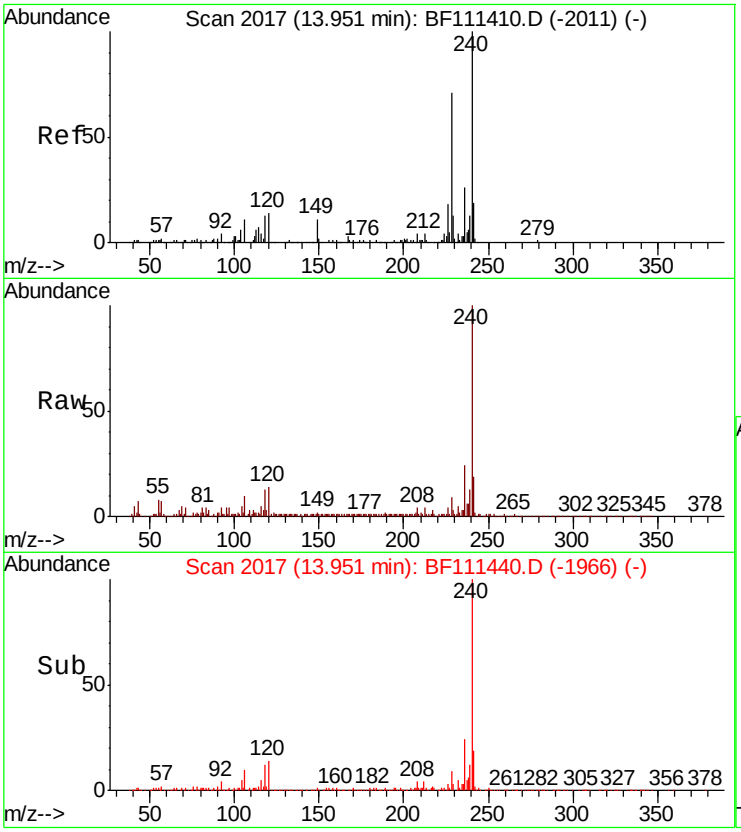


#75
Fluoranthene
Concen: 7.807 ng
RT: 12.53 min Scan# 1775
Delta R.T. 0.00 min
Lab File: BF111440.D
Acq: 15 Dec 2018 1:07

Tgt Ion:202 Resp: 154017

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	33.8
203	17.1	0.0	38.6



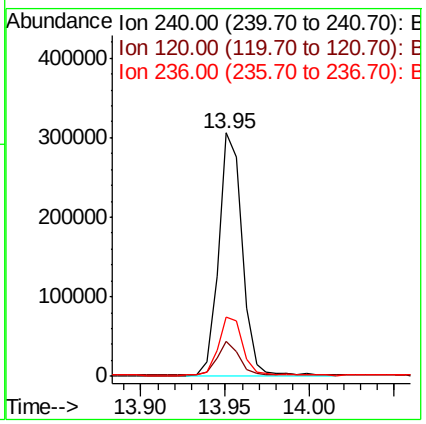


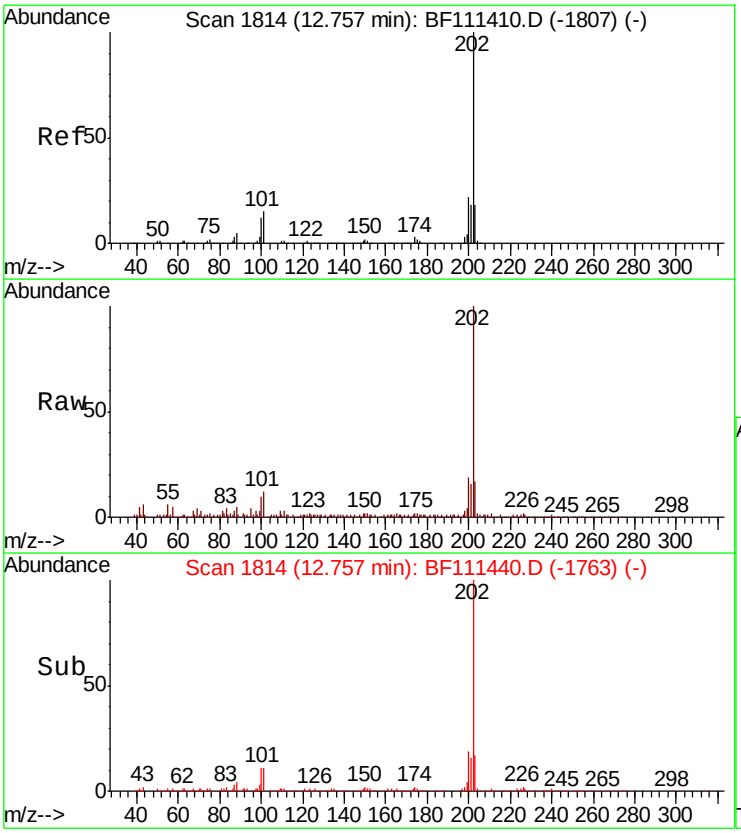
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF111440.D
Acq: 15 Dec 2018 1:07

Instrument :
BNA_G
ClientSampleId :
FK-GF-02-029-B

Tgt Ion:240 Resp: 296970

Ion	Ratio	Lower	Upper
240	100		
120	14.5	12.2	18.2
236	24.5	20.2	30.2

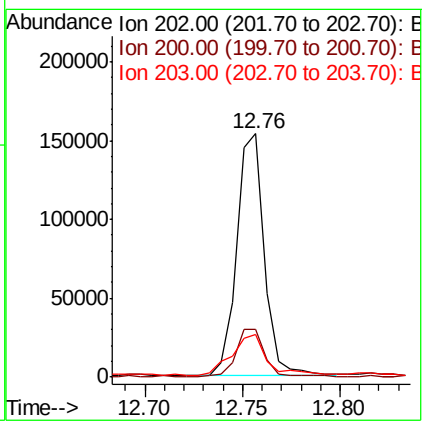


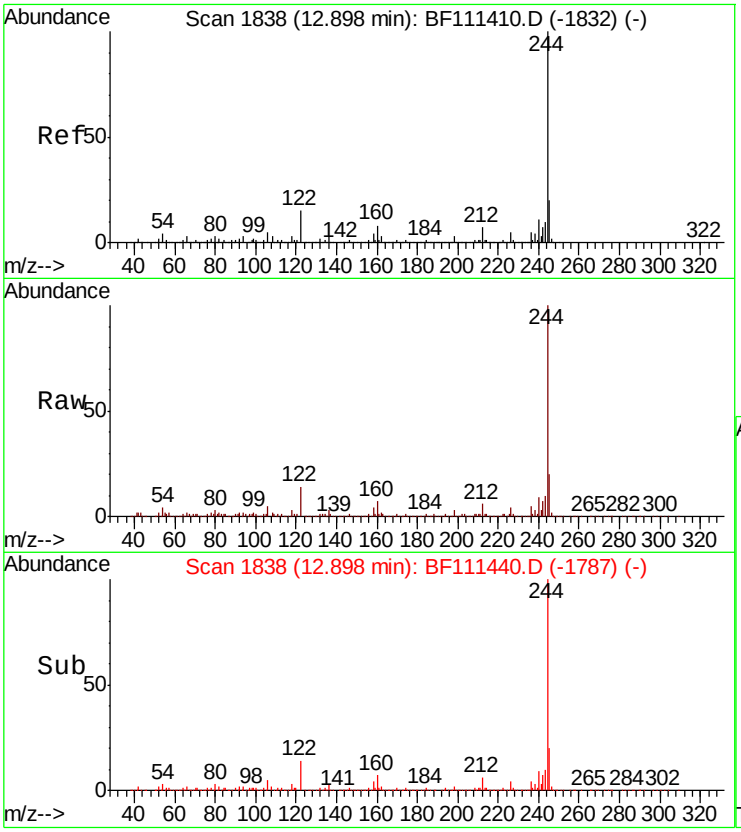


#78
Pyrene
Concen: 7.208 ng
RT: 12.76 min Scan# 1814
Delta R.T. 0.00 min
Lab File: BF111440.D
Acq: 15 Dec 2018 1:07

Tgt Ion:202 Resp: 150910

Ion	Ratio	Lower	Upper
202	100		
200	19.4	19.0	28.4
203	17.3	15.2	22.8



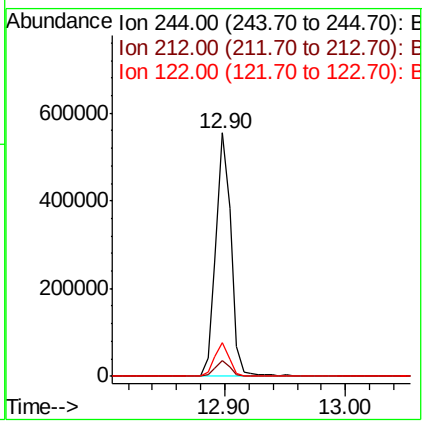


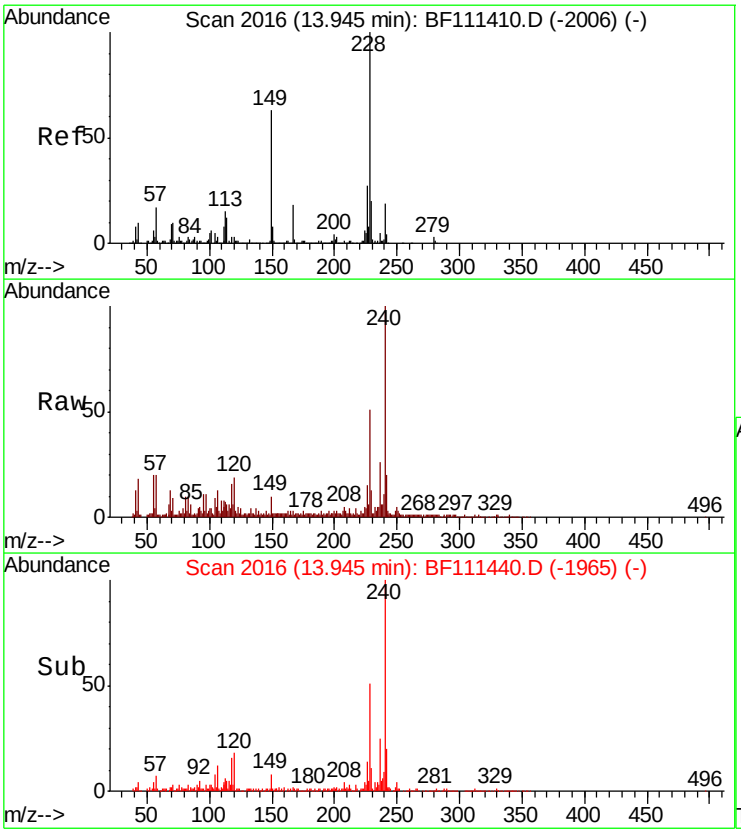
#79
Terphenyl-d14
Concen: 37.752 ng
RT: 12.90 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BF111440.D
Acq: 15 Dec 2018 1:07

Instrument :
BNA_G
ClientSampleId :
FK-GF-02-029-B

Tgt Ion:244 Resp: 477434

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.7	8.5
122	13.9	13.1	19.7

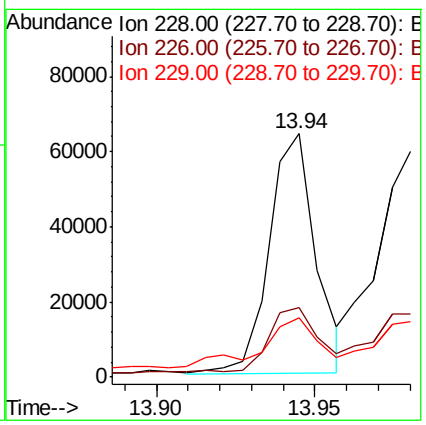


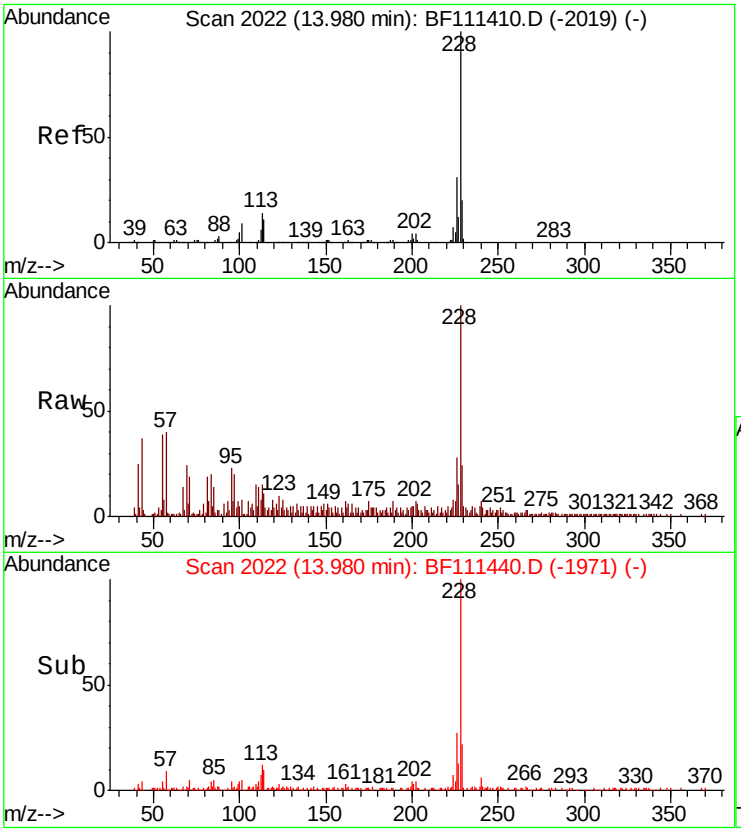


#81
Benzo(a)anthracene
Concen: 4.046 ng
RT: 13.94 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BF111440.D
Acq: 15 Dec 2018 1:07

Tgt Ion:228 Resp: 65335

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.6	34.0
229	24.4	16.3	24.5



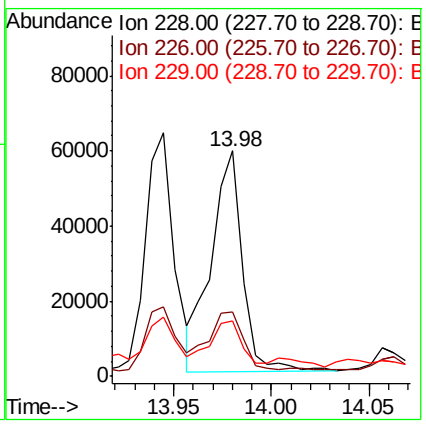


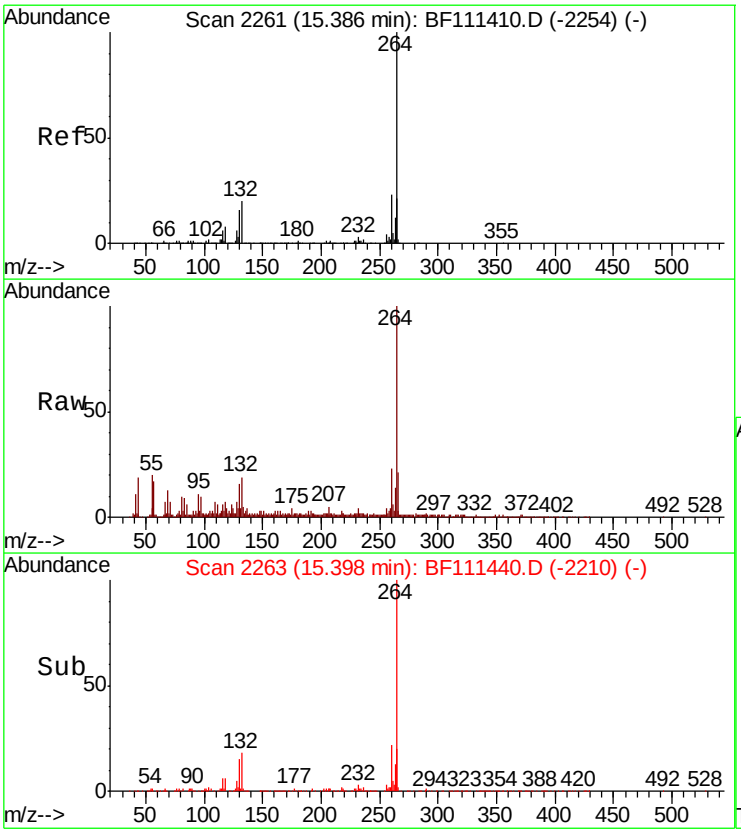
#83
Chrysene
Concen: 3.891 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BF111440.D
Acq: 15 Dec 2018 1:07

Instrument :
BNA_G
ClientSampleId :
FK-GF-02-029-B

Tgt Ion:228 Resp: 66188

Ion	Ratio	Lower	Upper
228	100		
226	28.3	25.3	37.9
229	24.4	17.2	25.8

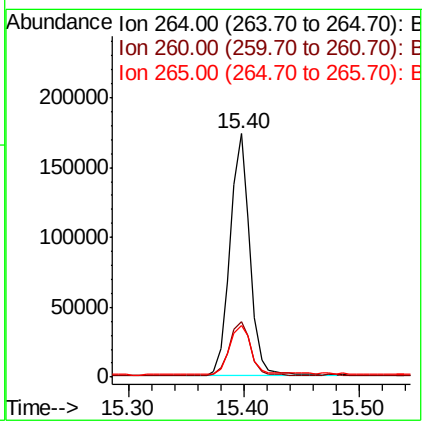


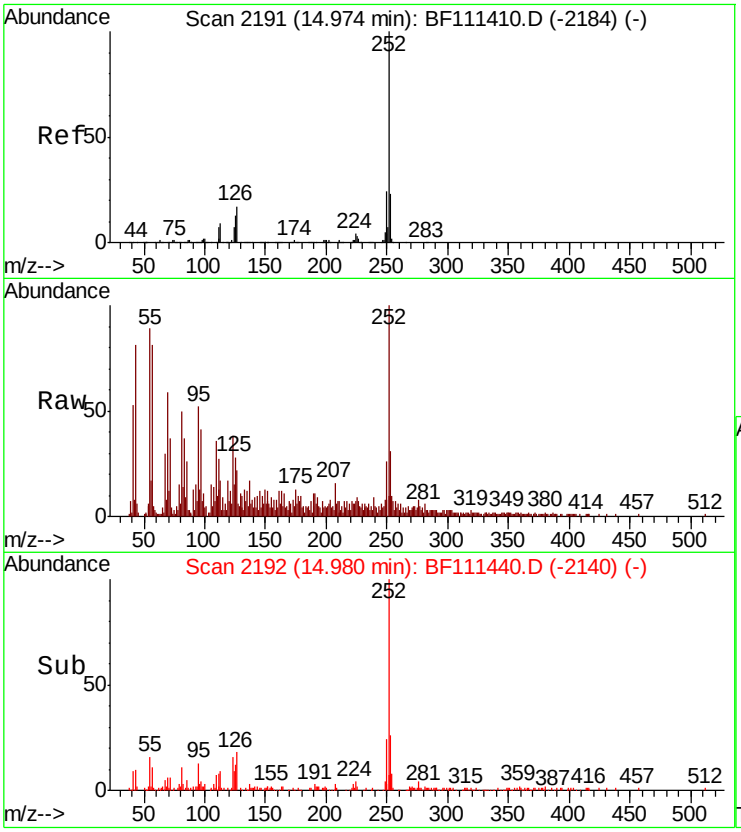


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.01 min
Lab File: BF111440.D
Acq: 15 Dec 2018 1:07

Tgt Ion:264 Resp: 204981

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.3	27.5
265	21.3	17.7	26.5



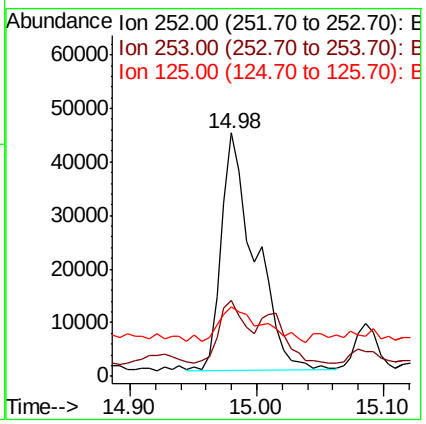


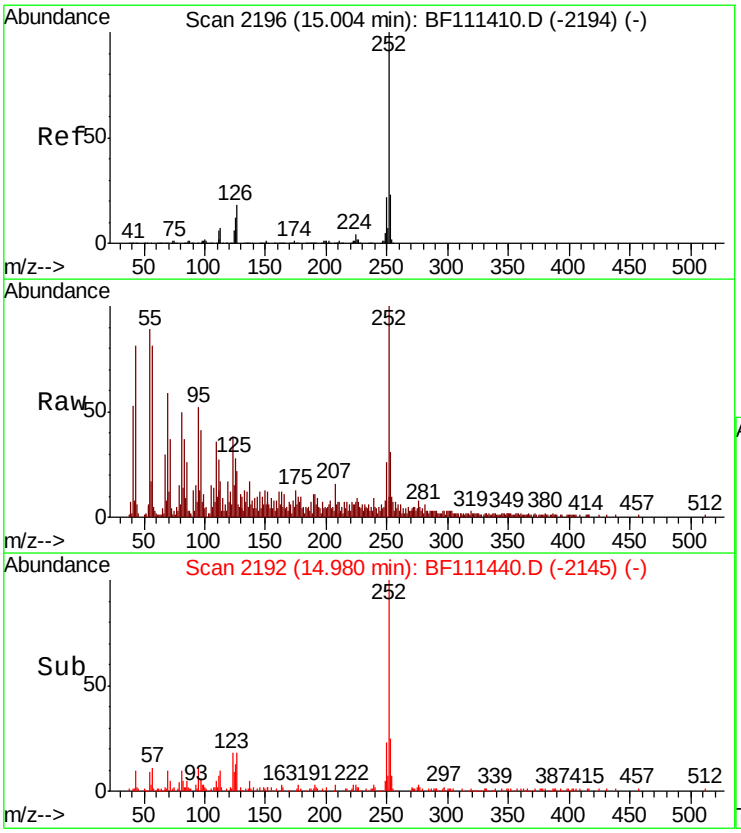
#88
Benzo(b)fluoranthene
Concen: 6.865 ng
RT: 14.98 min Scan# 2192
Delta R.T. 0.01 min
Lab File: BF111440.D
Acq: 15 Dec 2018 1:07

Instrument :
BNA_G
ClientSampleId :
FK-GF-02-029-B

Tgt Ion:252 Resp: 82039

Ion	Ratio	Lower	Upper
252	100		
253	31.3	18.2	27.2#
125	28.5	10.4	15.6#

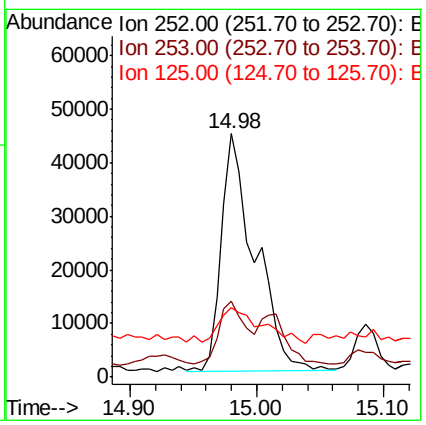


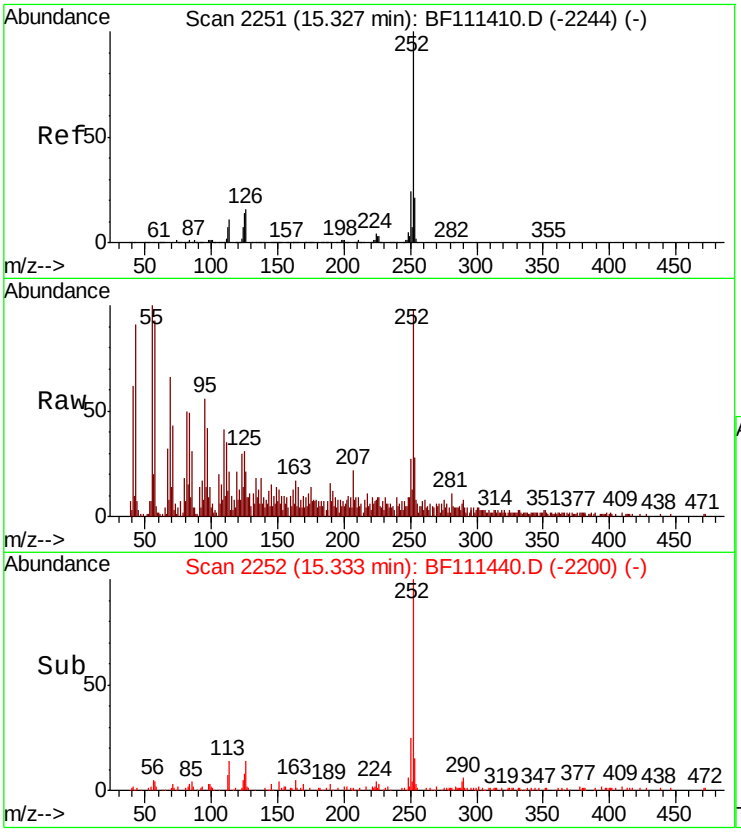


#89
Benzo(k)fluoranthene
Concen: 7.184 ng
RT: 14.98 min Scan# 2192
Delta R.T. -0.02 min
Lab File: BF111440.D
Acq: 15 Dec 2018 1:07

Tgt Ion:252 Resp: 82039

Ion	Ratio	Lower	Upper
252	100		
253	31.3	18.1	27.1#
125	28.5	9.8	14.8#



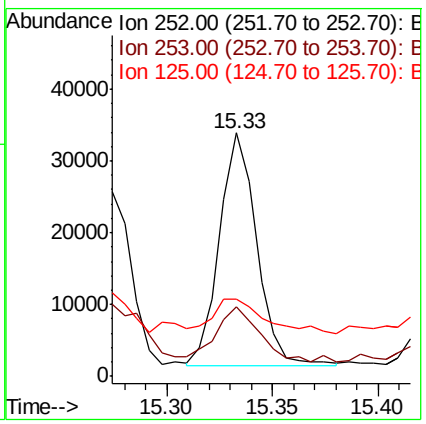


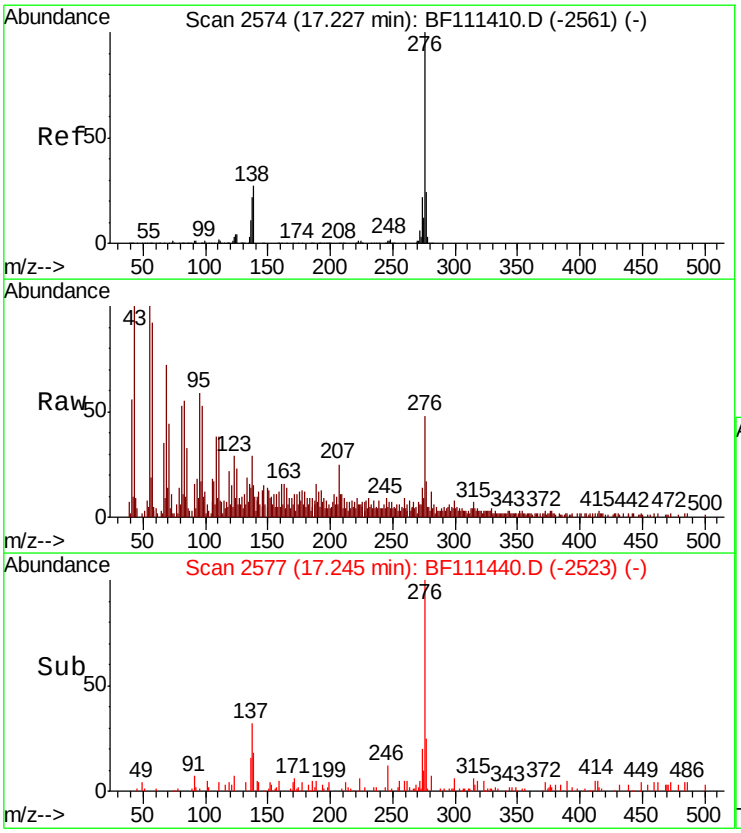
#90
Benzo(a)pyrene
Concen: 3.675 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF111440.D
Acq: 15 Dec 2018 1:07

Instrument :
BNA_G
ClientSampleId :
FK-GF-02-029-B

Tgt Ion:252 Resp: 39606

Ion	Ratio	Lower	Upper
252	100		
253	28.7	17.8	26.8#
125	31.6	12.3	18.5#





#92
Benzo(g,h,i)perylene
Concen: 2.679 ng
RT: 17.24 min Scan# 2577
Delta R.T. 0.02 min
Lab File: BF111440.D
Acq: 15 Dec 2018 1:07

Tgt Ion:276 Resp: 22356

Ion	Ratio	Lower	Upper
276	100		
277	35.0	19.2	28.8#
138	31.5	24.9	37.3