Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
Data File : BF113432.D
Acq On : 30 Mar 2019 00:12
Operator : JU/SJ
Sample : K2132-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-036-B

Quant Time: Mar 30 00:59:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 03:32:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	121625	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	451213	20.00	ng		0.00
39) Acenaphthene-d10	9.73	164	216472	20.00	ng		0.00
64) Phenanthrene-d10	11.22	188	434273	20.00	ng		0.00
76) Chrysene-d12	13.84	240	406523	20.00	ng		0.00
87) Perylene-d12	15.25	264	315723	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	904886	121.65	ng		0.00
7) Phenol-d6	6.35	99	1185907	126.03	ng		0.00
23) Nitrobenzene-d5	7.27	82	719921	94.70	ng		0.00
42) 2,4,6-Tribromophenol	10.52	330	336461	125.83	ng		0.00
45) 2-Fluorobiphenyl	9.06	172	1215371	88.78	ng		0.00
79) Terphenyl-d14	12.79	244	1359636	73.72	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.27	70	90909	15.380	ng	#	74
25) Isophorone	7.27	82	698657	47.423	ng	#	64
50) Dimethylphthalate	9.45	163	82094	5.117	ng	#	98
67) 4-Bromophenyl-phenylether	10.52	248	18782	3.968	ng	#	1
71) Phenanthrene	11.23	178	51902	2.407	ng		99
75) Fluoranthene	12.42	202	119606	4.906	ng		99
78) Pyrene	12.64	202	120344	4.272	ng		97
81) Benzo(a)anthracene	13.83	228	68184	2.930	ng		92
83) Chrysene	13.87	228	73581	3.113	ng		96
88) Benzo(b)fluoranthene	14.85	252	104910	5.349	ng	#	88
89) Benzo(k)fluoranthene	14.85	252	104910	6.091	ng	#	87
90) Benzo(a)pyrene	15.19	252	53172	3.058	ng	#	88
92) Benzo(g,h,i)perylene	17.02	276	31809	2.098	ng	#	87

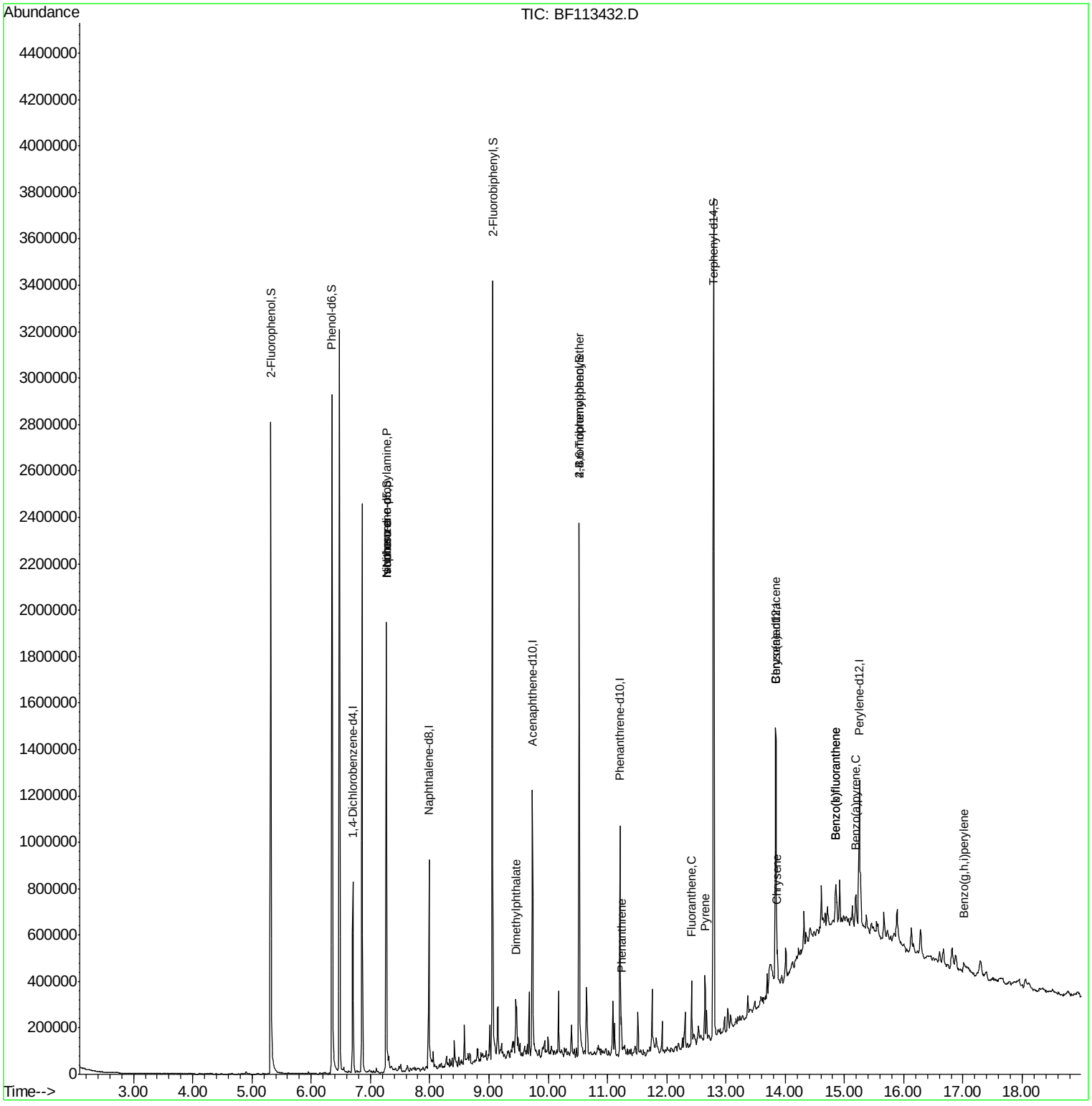
(#) = qualifier out of range (m) = manual integration (+) = signals summed

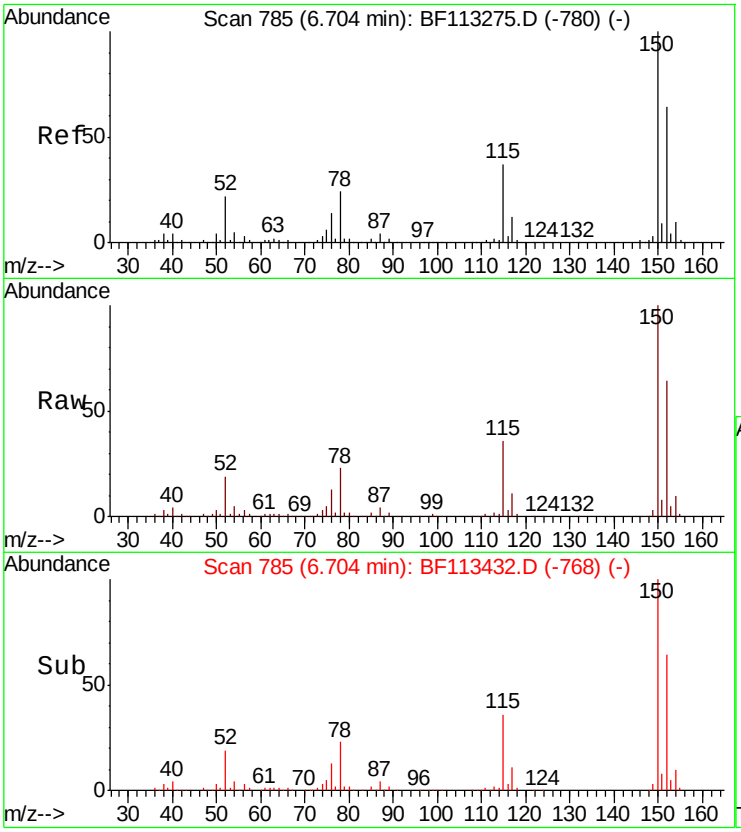
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
Data File : BF113432.D
Acq On : 30 Mar 2019 00:12
Operator : JU/SJ
Sample : K2132-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-036-B

Quant Time: Mar 30 00:59:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 03:32:08 2019
Response via : Initial Calibration



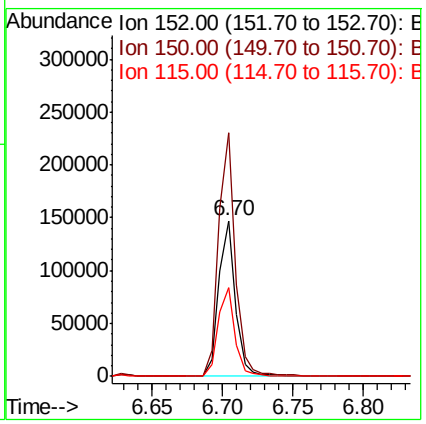


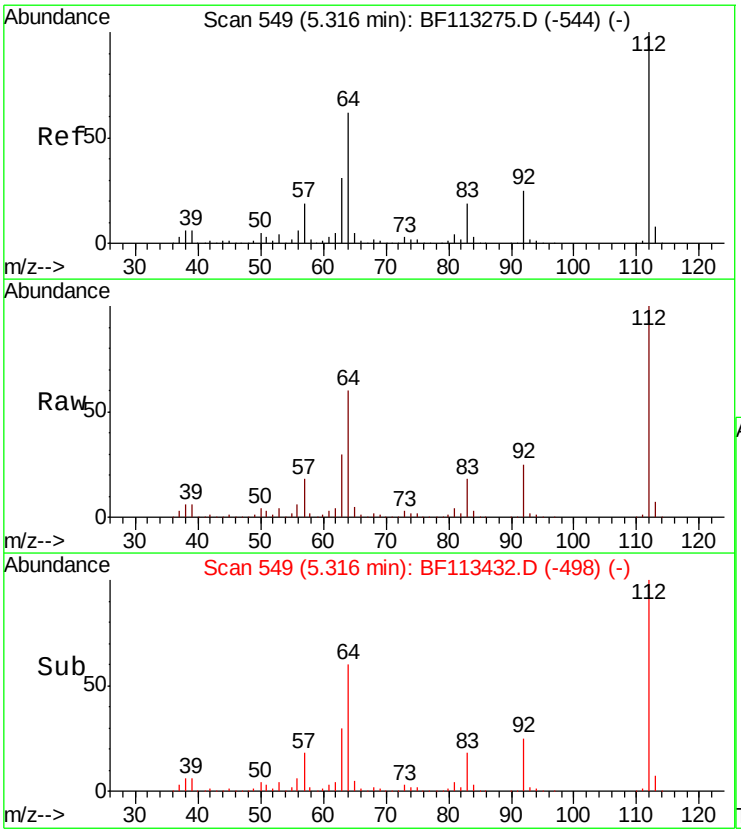
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF113432.D
Acq: 30 Mar 2019 00:12

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-036-B

Tgt Ion:152 Resp: 121625

Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.7	187.1
115	56.7	46.0	69.0

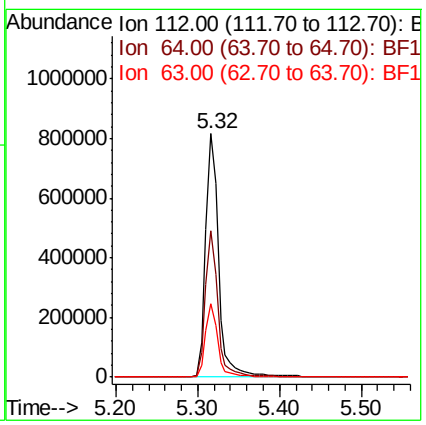


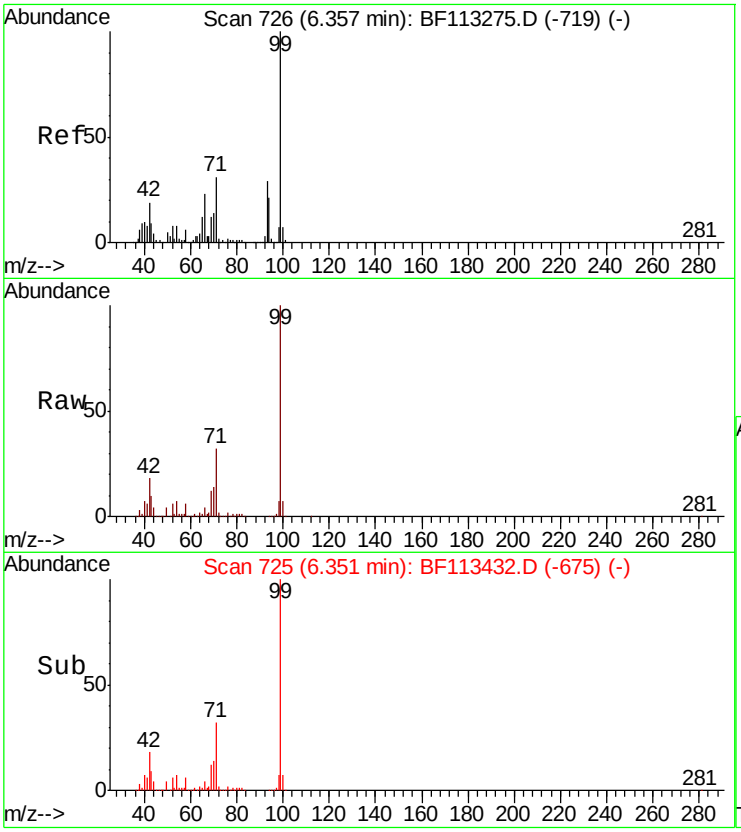


#5
2-Fluorophenol
Concen: 121.652 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF113432.D
Acq: 30 Mar 2019 00:12

Tgt Ion:112 Resp: 904886

Ion	Ratio	Lower	Upper
112	100		
64	60.4	49.2	73.8
63	30.3	24.9	37.3



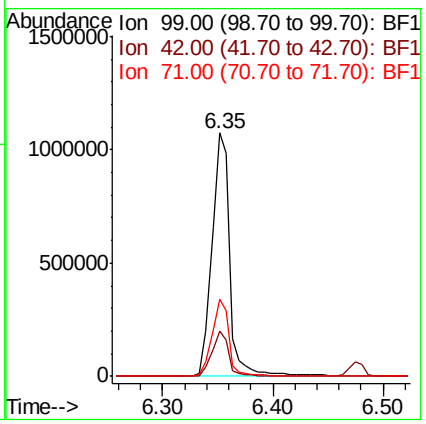


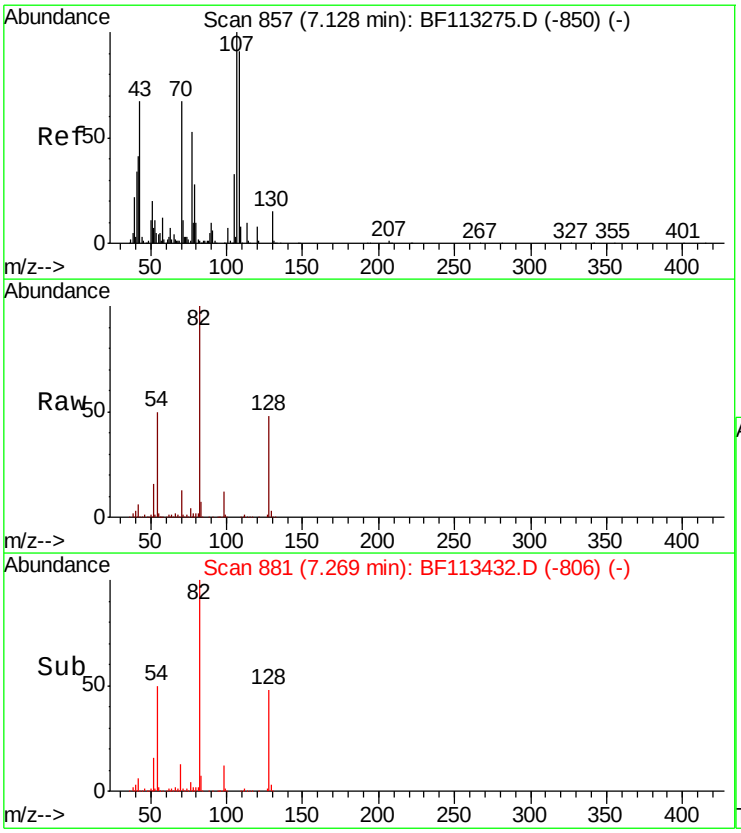
#7
Phenol-d6
Concen: 126.028 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF113432.D
Acq: 30 Mar 2019 00:12

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-036-B

Tgt Ion: 99 Resp: 1185907

Ion	Ratio	Lower	Upper
99	100		
42	18.4	14.8	22.2
71	31.6	24.9	37.3

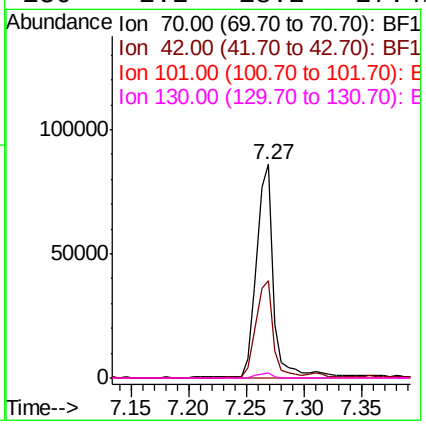


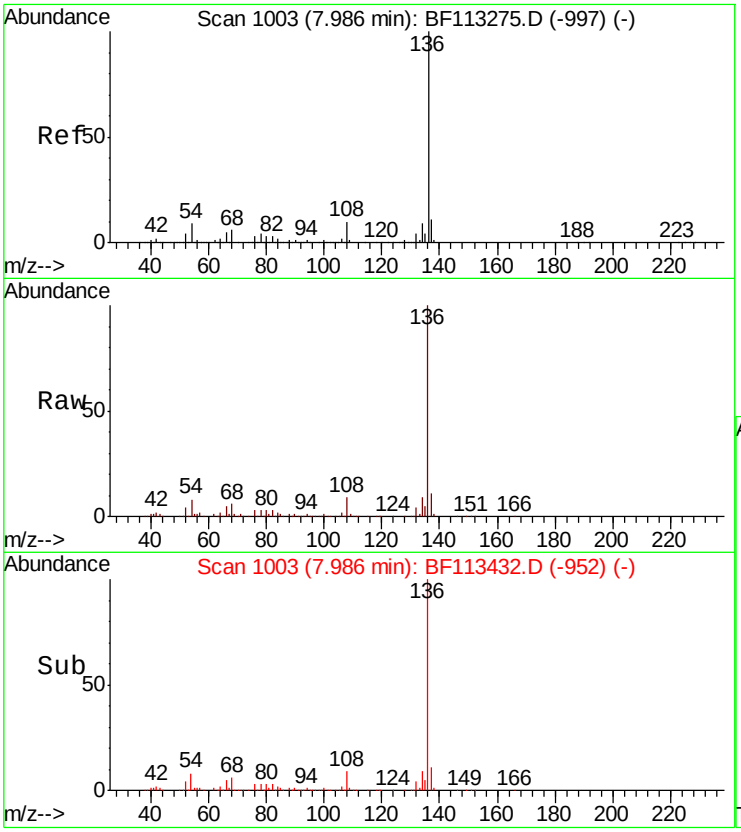


#19
n-Nitroso-di-n-propylamine
Concen: 15.380 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.14 min
Lab File: BF113432.D
Acq: 30 Mar 2019 00:12

Tgt Ion: 70 Resp: 90909

Ion	Ratio	Lower	Upper
70	100		
42	45.8	48.4	72.6#
101	0.0	7.8	11.8#
130	2.2	18.2	27.4#



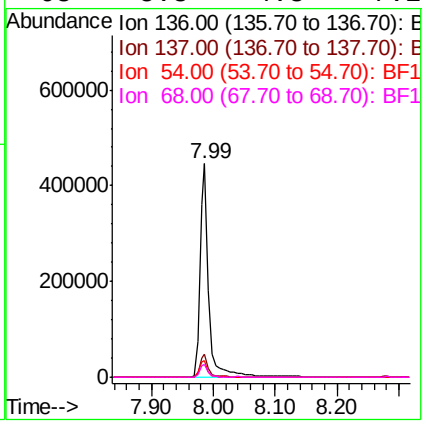


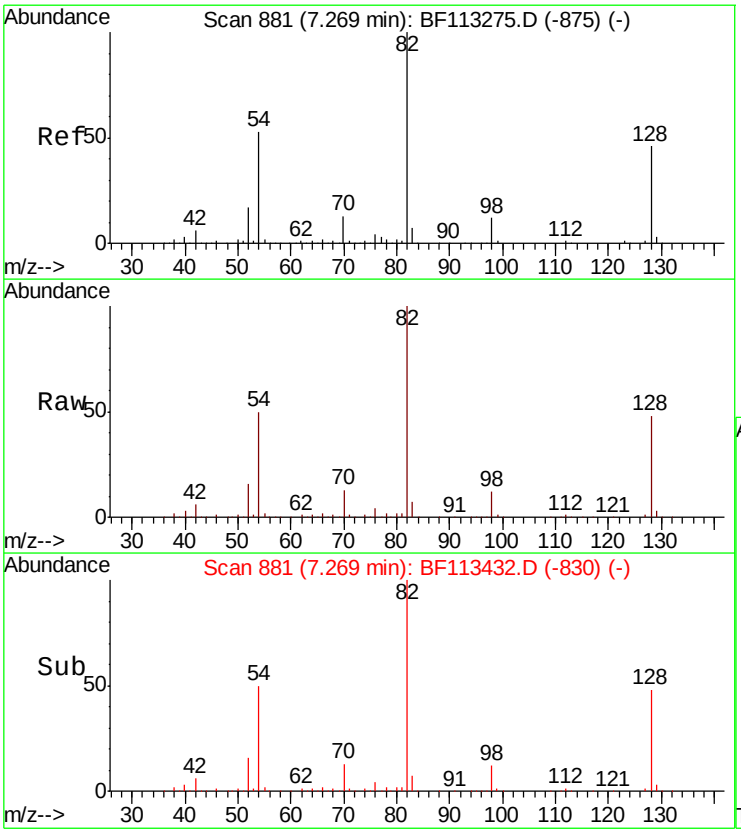
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BF113432.D
Acq: 30 Mar 2019 00:12

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-036-B

Tgt Ion:136 Resp: 451213

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.6	7.0	10.6
68	5.8	4.8	7.2

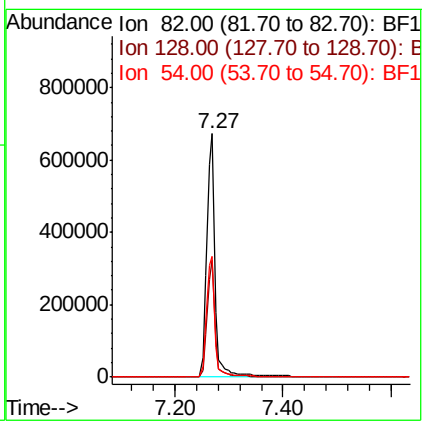


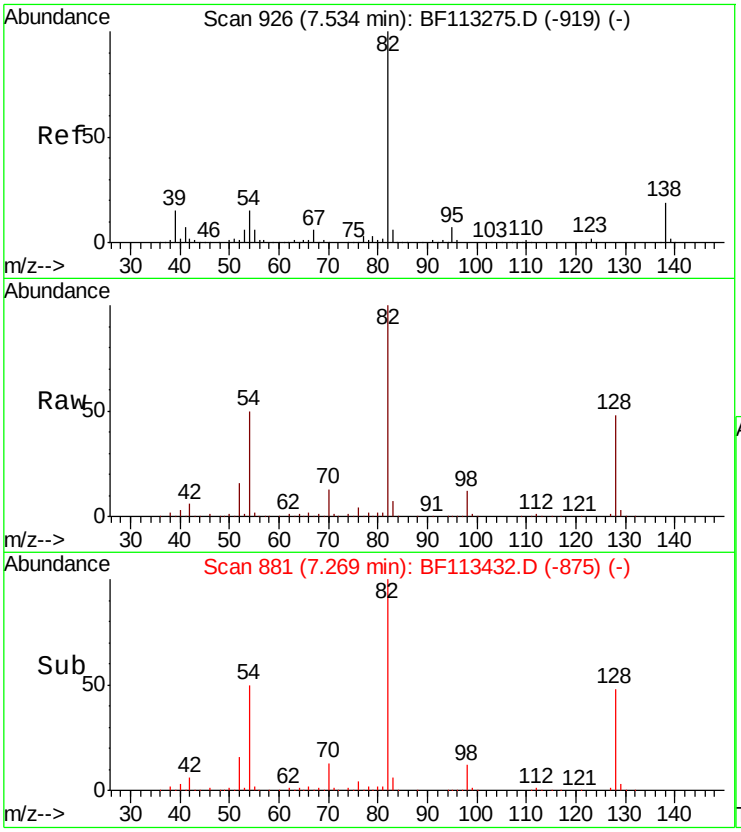


#23
Nitrobenzene-d5
Concen: 94.701 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF113432.D
Acq: 30 Mar 2019 00:12

Tgt Ion: 82 Resp: 719921

Ion	Ratio	Lower	Upper
82	100		
128	47.8	36.5	54.7
54	49.8	42.2	63.2



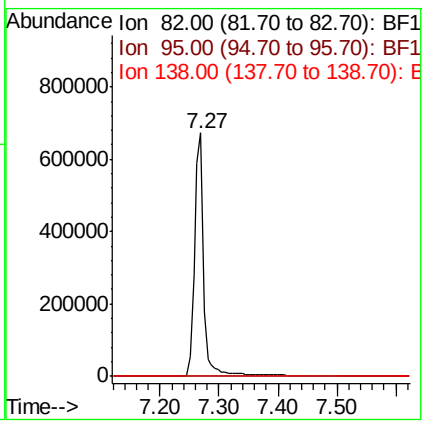


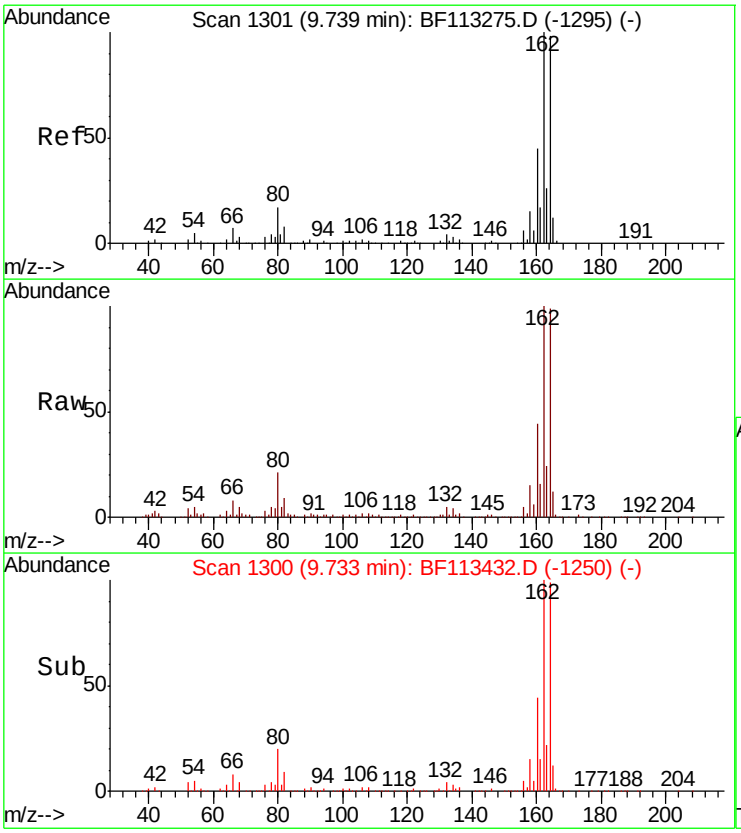
#25
Isophorone
Concen: 47.423 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.26 min
Lab File: BF113432.D
Acq: 30 Mar 2019 00:12

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-036-B

Tgt Ion: 82 Resp: 698657

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.5	8.3#
138	0.0	15.2	22.8#

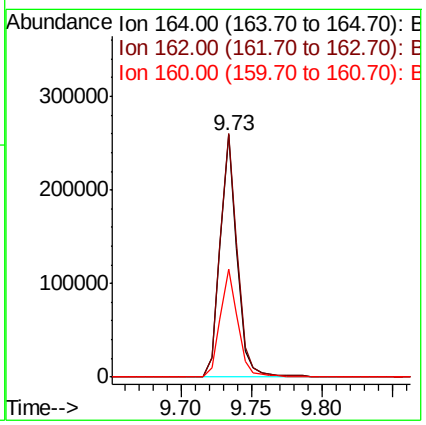


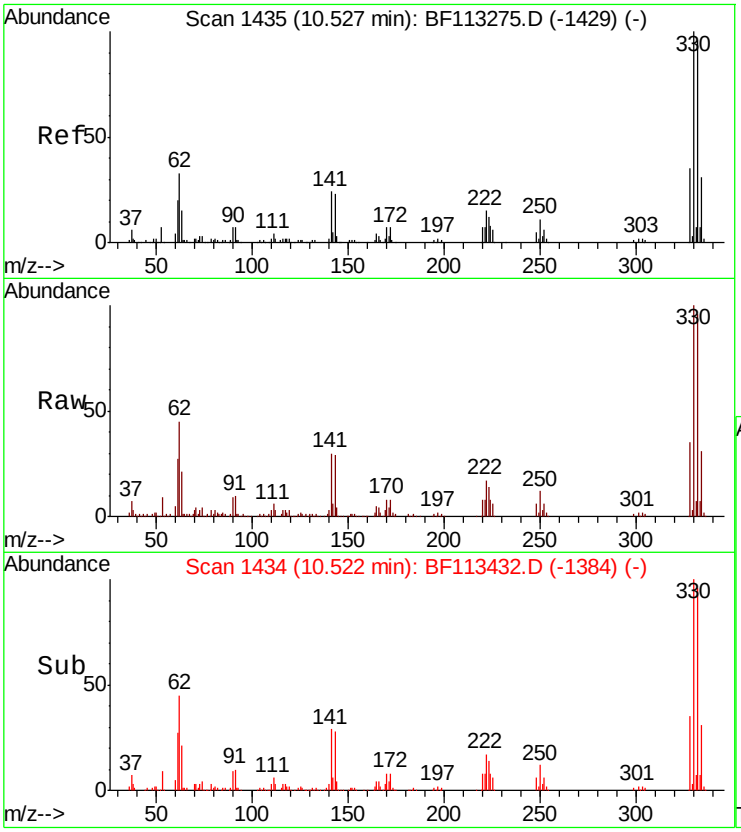


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF113432.D
Acq: 30 Mar 2019 00:12

Tgt Ion:164 Resp: 216472

Ion	Ratio	Lower	Upper
164	100		
162	100.6	81.8	122.6
160	44.3	36.4	54.6



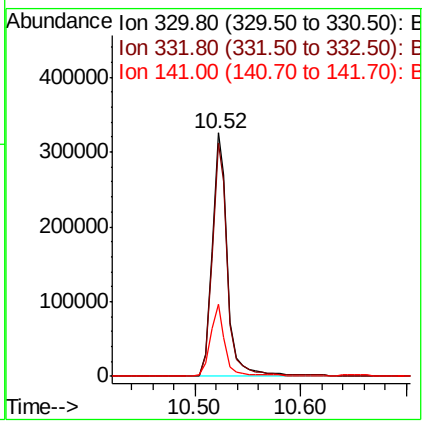


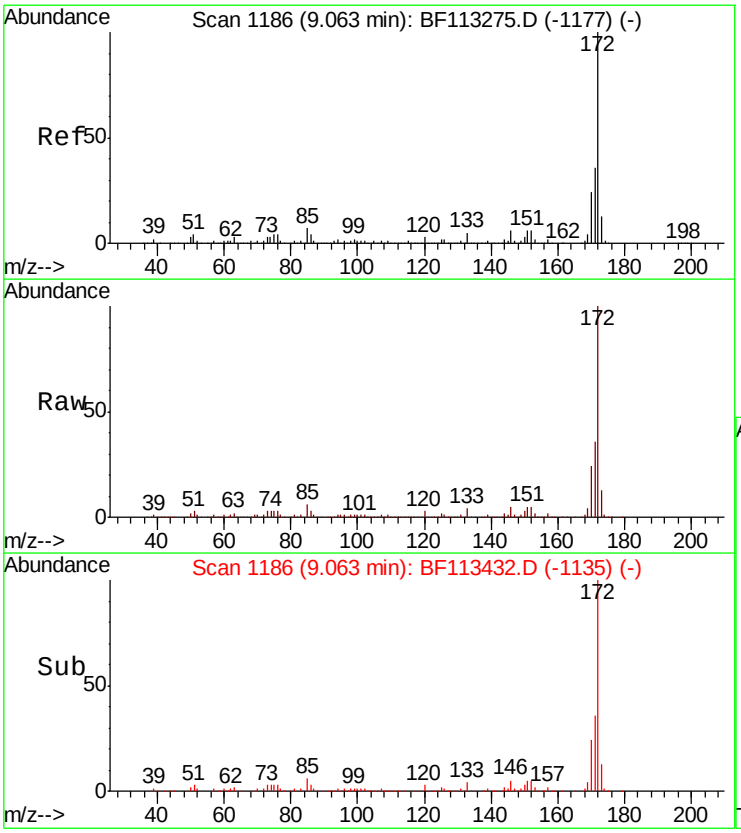
#42
2,4,6-Tribromophenol
Concen: 125.830 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF113432.D
Acq: 30 Mar 2019 00:12

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-036-B

Tgt Ion:330 Resp: 336461

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.8	116.6
141	27.2	22.7	34.1

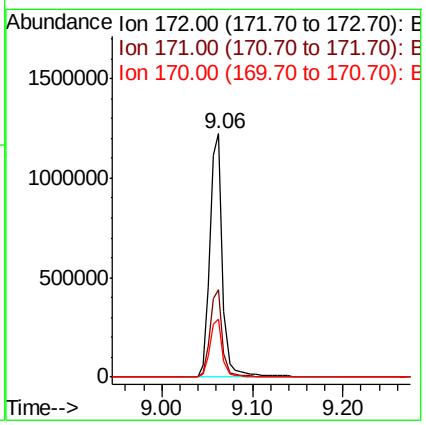


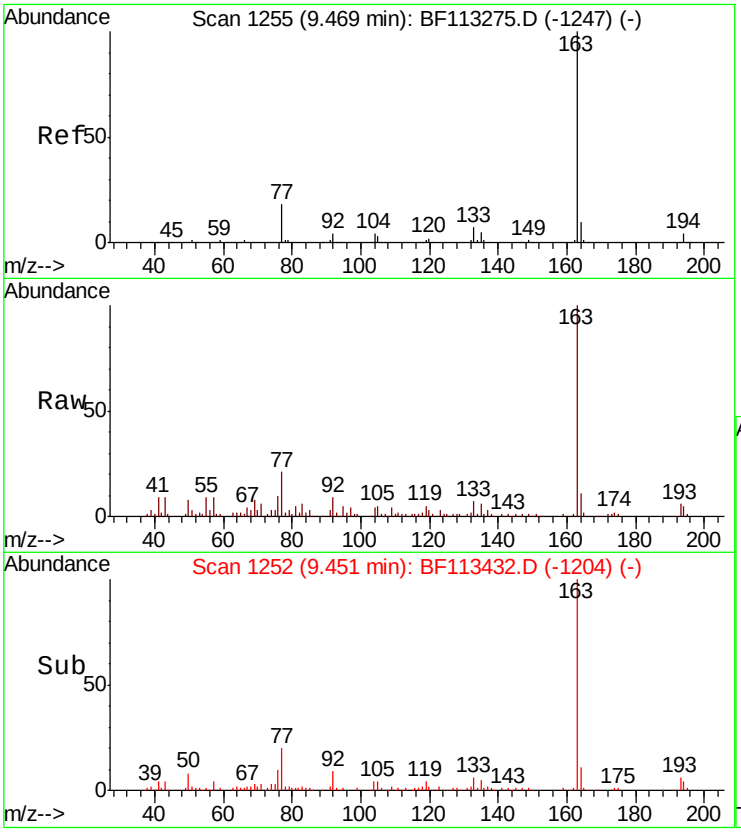


#45
2-Fluorobiphenyl
Concen: 88.784 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF113432.D
Acq: 30 Mar 2019 00:12

Tgt Ion:172 Resp: 1215371

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.6
170	23.9	19.5	29.3



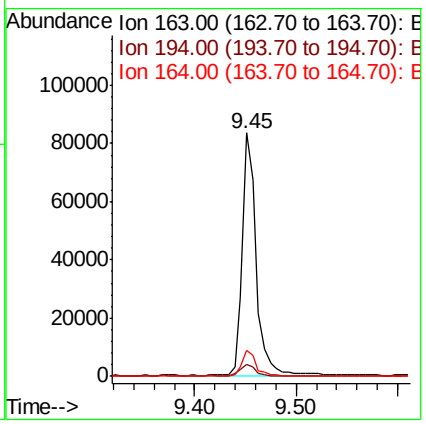


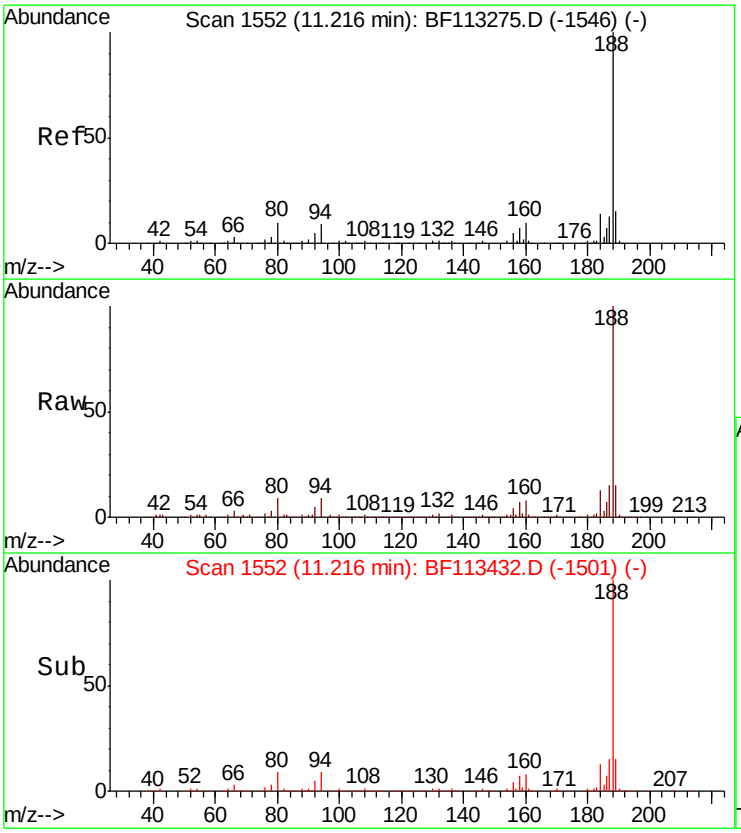
#50
Dimethylphthalate
Concen: 5.117 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF113432.D
Acq: 30 Mar 2019 00:12

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-036-B

Tgt Ion:163 Resp: 82094

Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.0	4.6#
164	10.8	8.1	12.1

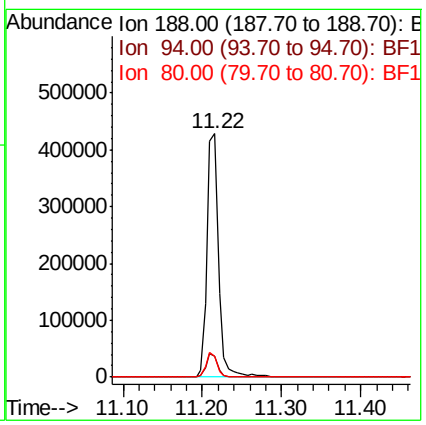


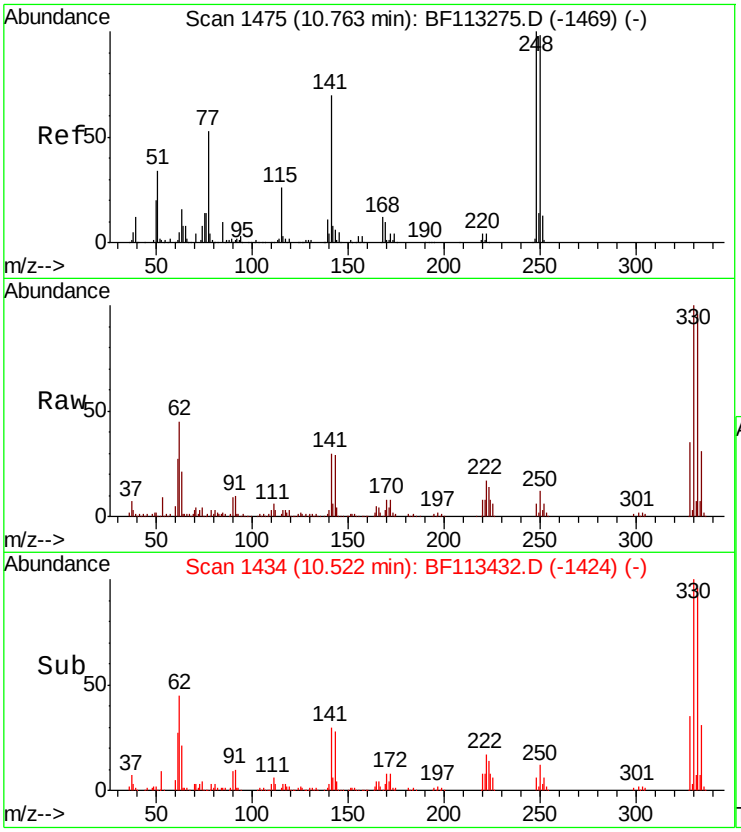


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF113432.D
Acq: 30 Mar 2019 00:12

Tgt Ion:188 Resp: 434273

Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.0	10.6
80	8.6	7.7	11.5



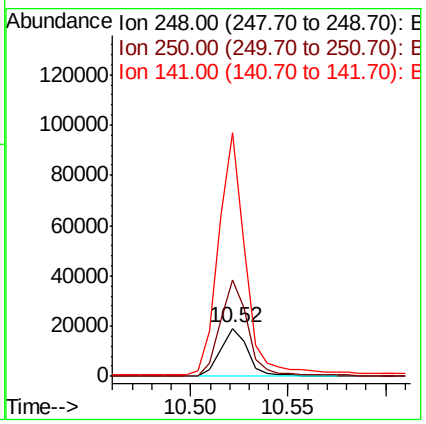


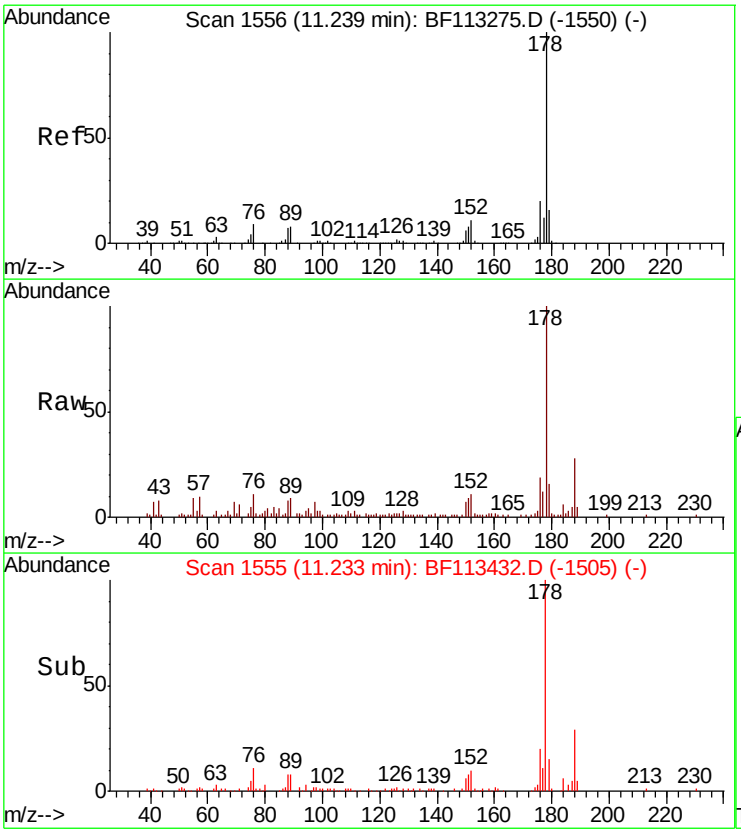
#67
4-Bromophenyl-phenylether
Concen: 3.968 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.24 min
Lab File: BF113432.D
Acq: 30 Mar 2019 00:12

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-036-B

Tgt Ion:248 Resp: 18782

Ion	Ratio	Lower	Upper
248	100		
250	199.3	78.3	117.5#
141	505.5	56.2	84.4#

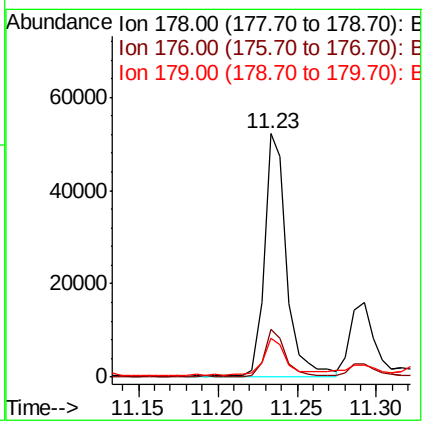


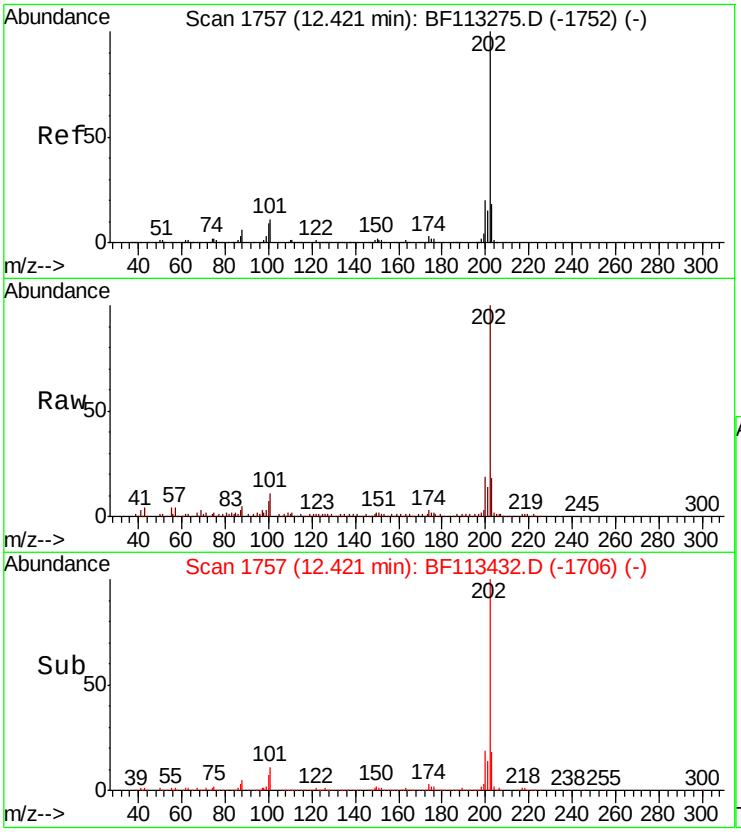


#71
Phenanthrene
Concen: 2.407 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113432.D
Acq: 30 Mar 2019 00:12

Tgt Ion:178 Resp: 51902

Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.2	24.2
179	16.1	12.7	19.1



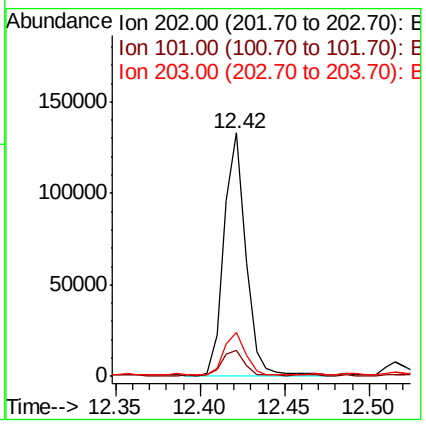


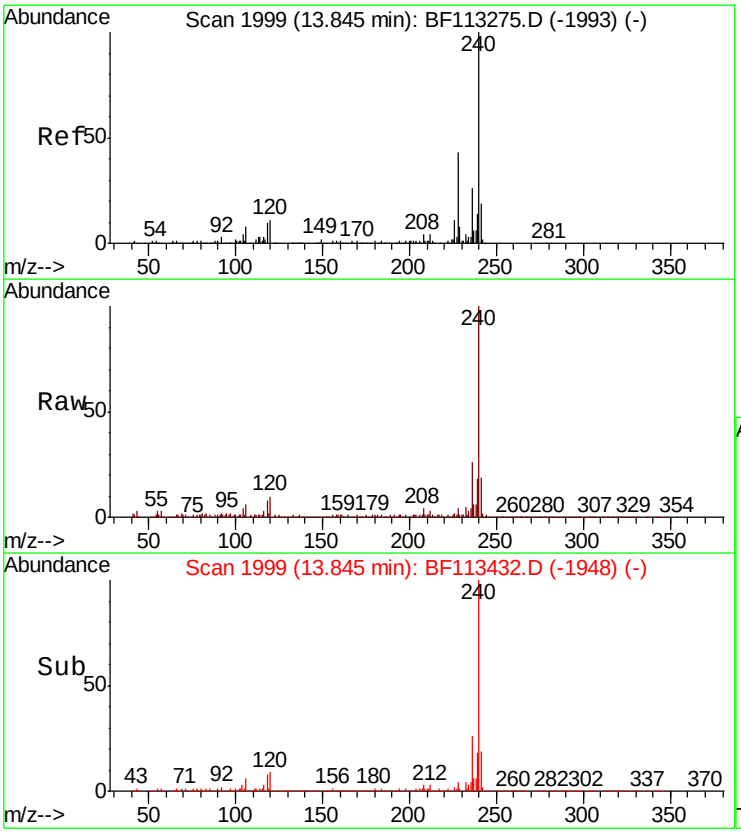
#75
Fluoranthene
Concen: 4.906 ng
RT: 12.42 min Scan# 1757
Delta R.T. 0.00 min
Lab File: BF113432.D
Acq: 30 Mar 2019 00:12

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-036-B

Tgt Ion:202 Resp: 119606

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	31.4
203	17.9	0.0	38.0

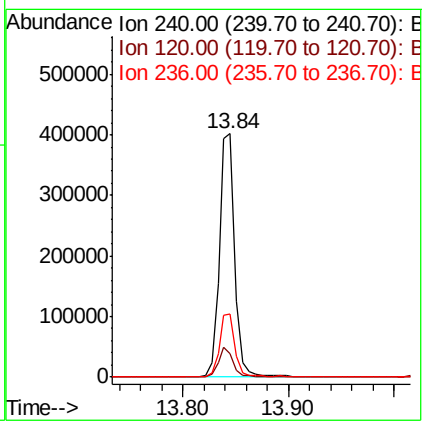


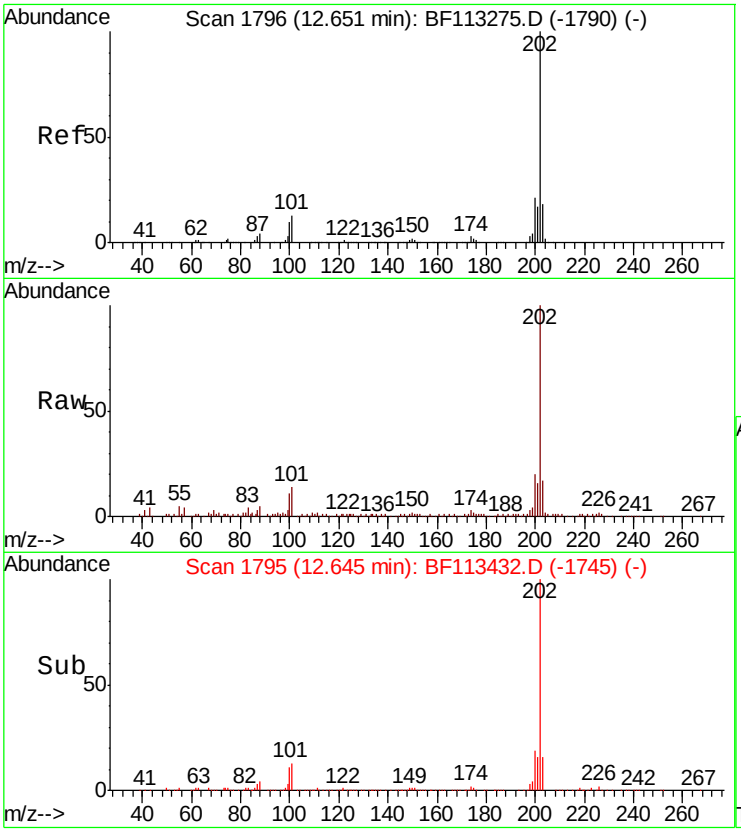


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BF113432.D
Acq: 30 Mar 2019 00:12

Tgt Ion:240 Resp: 406523

Ion	Ratio	Lower	Upper
240	100		
120	9.6	8.8	13.2
236	26.0	20.9	31.3



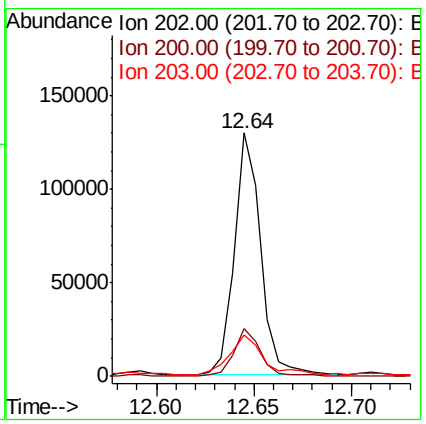


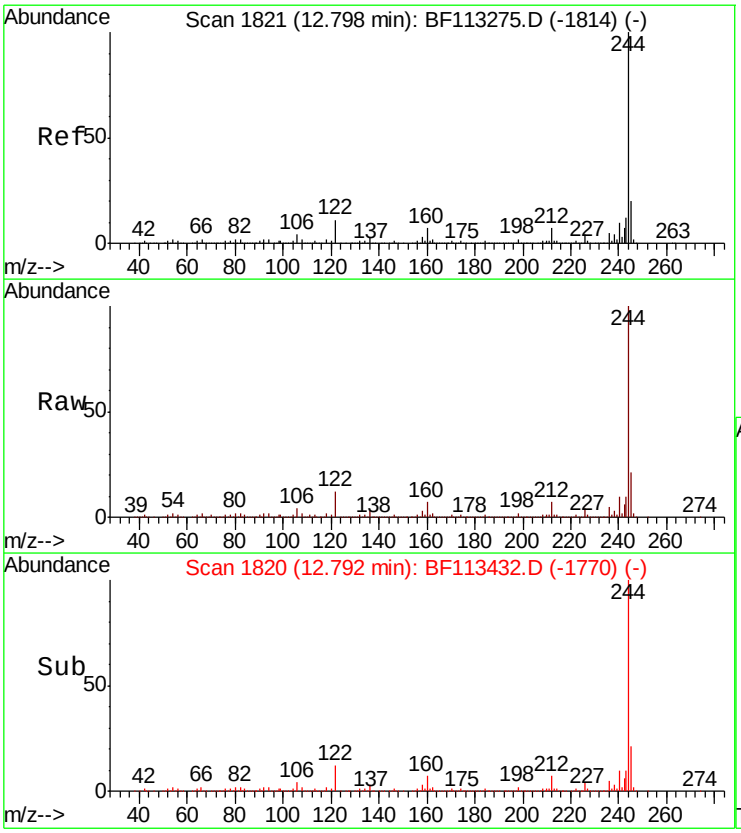
#78
Pyrene
Concen: 4.272 ng
RT: 12.64 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BF113432.D
Acq: 30 Mar 2019 00:12

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-036-B

Tgt Ion:202 Resp: 120344

Ion	Ratio	Lower	Upper
202	100		
200	19.6	16.8	25.2
203	17.0	14.4	21.6

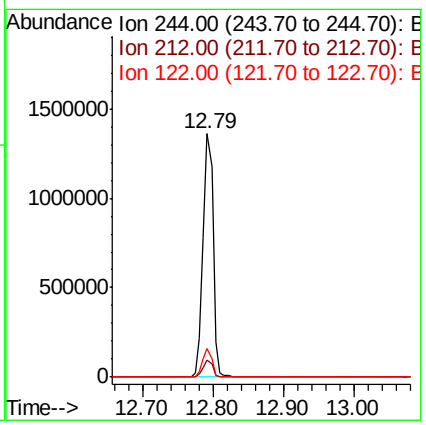


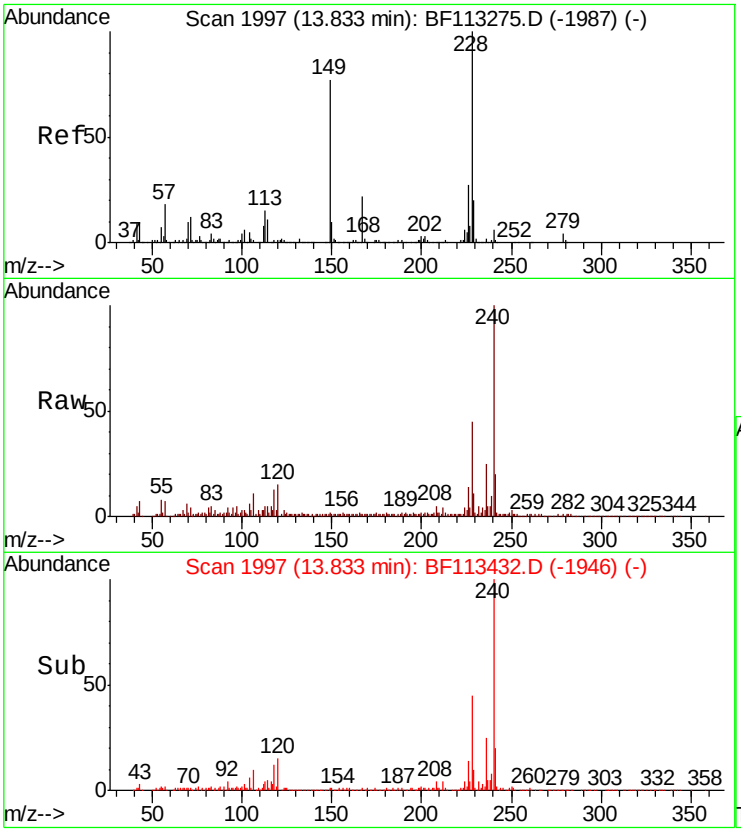


#79
Terphenyl-d14
Concen: 73.719 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.00 min
Lab File: BF113432.D
Acq: 30 Mar 2019 00:12

Tgt Ion:244 Resp: 1359636

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.5	8.3
122	11.9	8.6	13.0



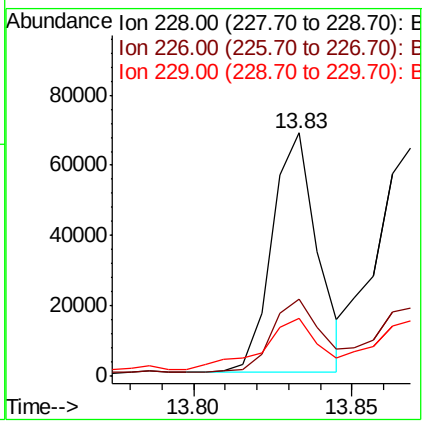


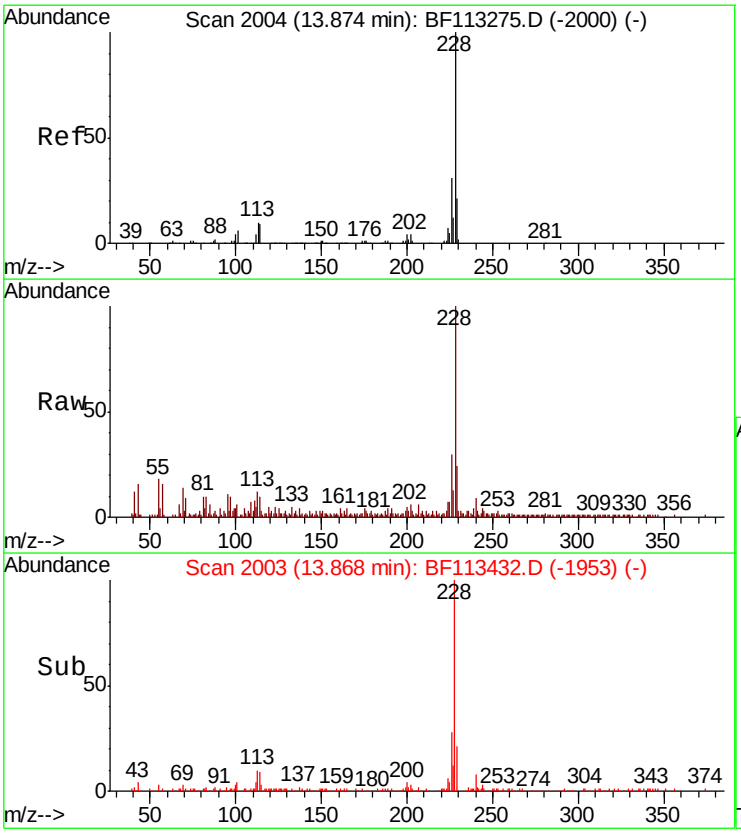
#81
Benzo(a)anthracene
Concen: 2.930 ng
RT: 13.83 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BF113432.D
Acq: 30 Mar 2019 00:12

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-036-B

Tgt Ion:228 Resp: 68184

Ion	Ratio	Lower	Upper
228	100		
226	31.9	21.8	32.8
229	23.6	16.2	24.4

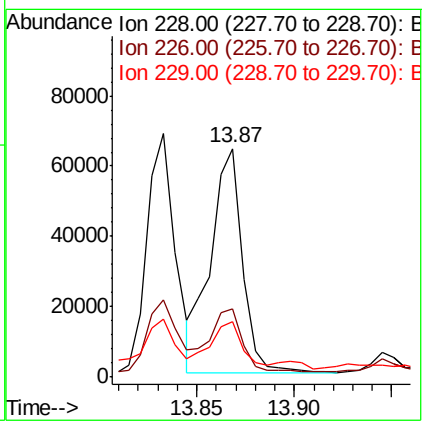


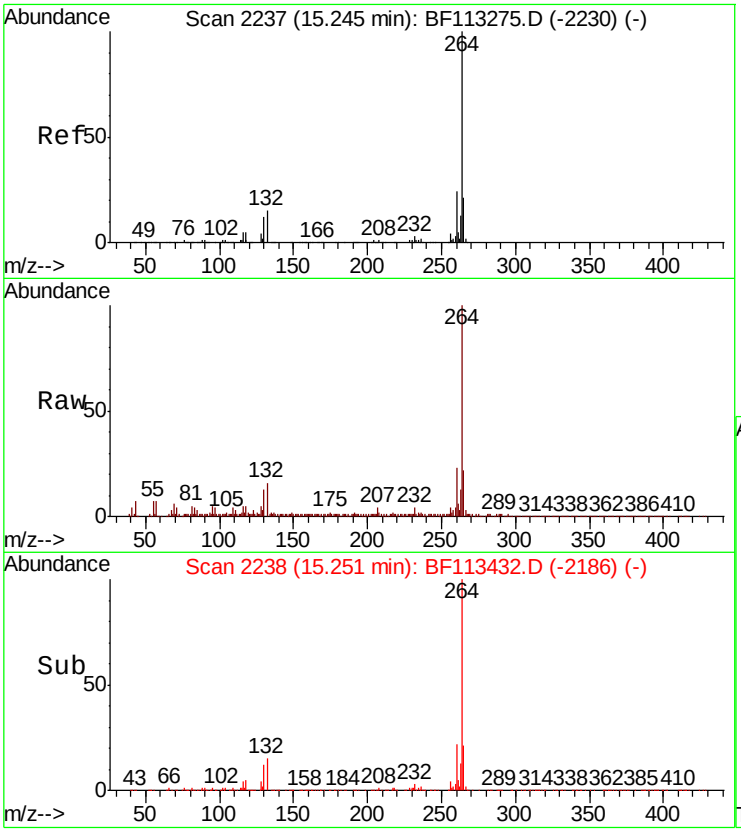


#83
Chrysene
Concen: 3.113 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF113432.D
Acq: 30 Mar 2019 00:12

Tgt Ion:228 Resp: 73581

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.3	36.5
229	24.0	16.3	24.5



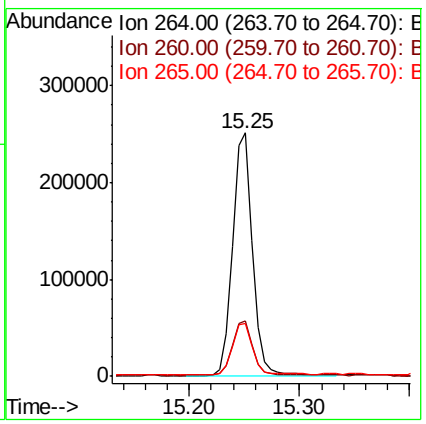


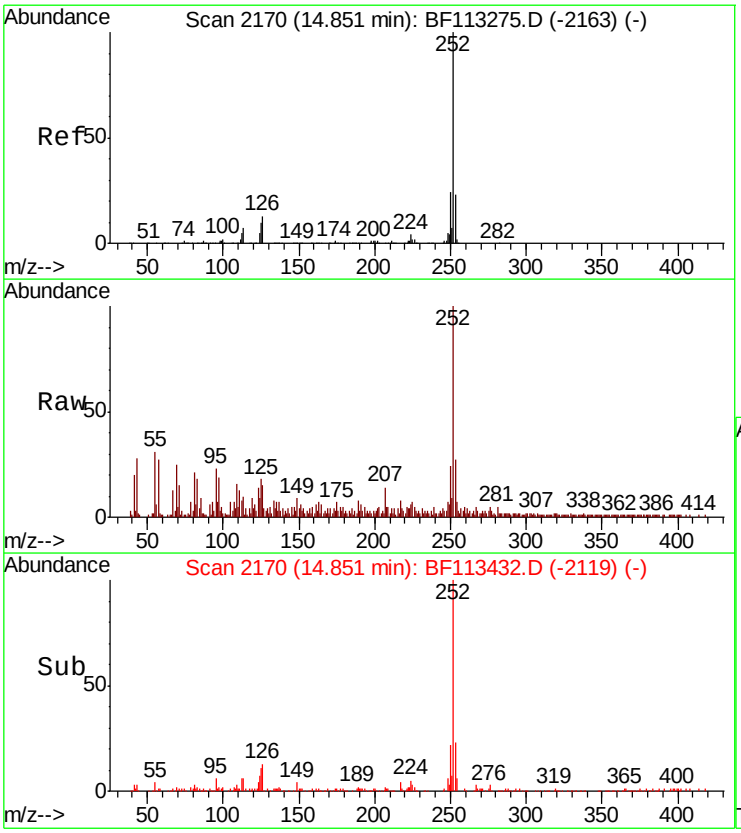
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.01 min
Lab File: BF113432.D
Acq: 30 Mar 2019 00:12

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-036-B

Tgt Ion:264 Resp: 315723

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.1	28.7
265	21.8	17.1	25.7

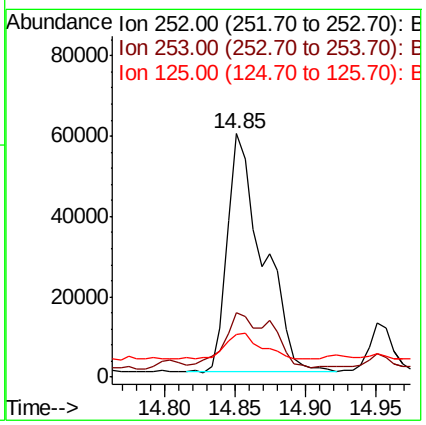


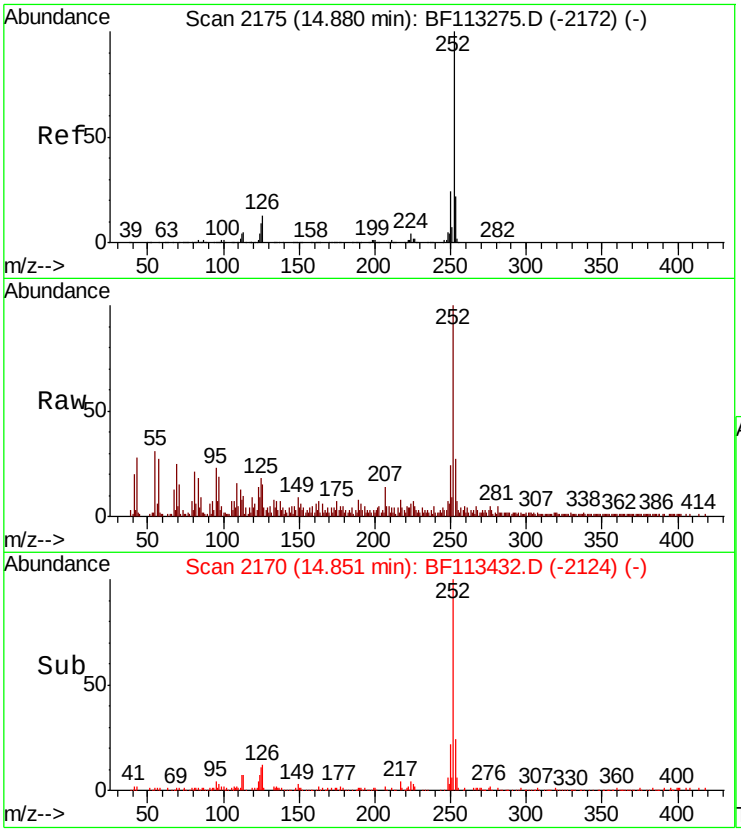


#88
Benzo(b)fluoranthene
Concen: 5.349 ng
RT: 14.85 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BF113432.D
Acq: 30 Mar 2019 00:12

Tgt Ion:252 Resp: 104910

Ion	Ratio	Lower	Upper
252	100		
253	26.6	18.0	27.0
125	17.5	7.6	11.4#



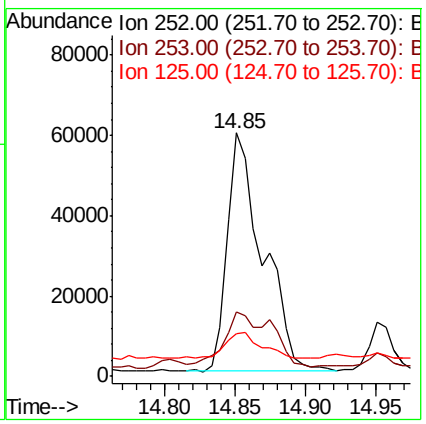


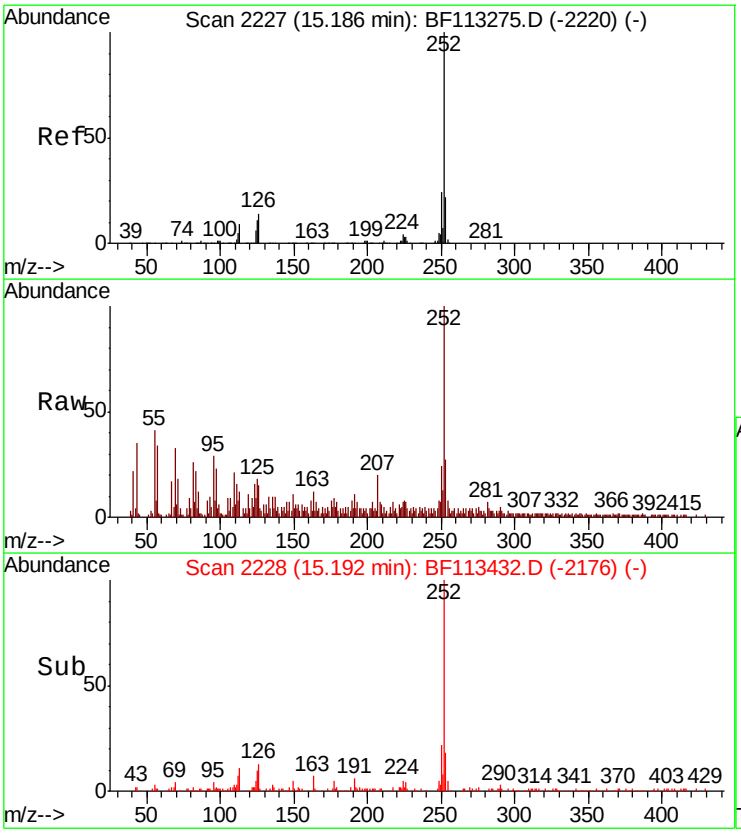
#89
Benzo(k)fluoranthene
Concen: 6.091 ng
RT: 14.85 min Scan# 2170
Delta R.T. -0.03 min
Lab File: BF113432.D
Acq: 30 Mar 2019 00:12

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-036-B

Tgt Ion:252 Resp: 104910

Ion	Ratio	Lower	Upper
252	100		
253	26.6	17.7	26.5#
125	17.5	7.3	10.9#

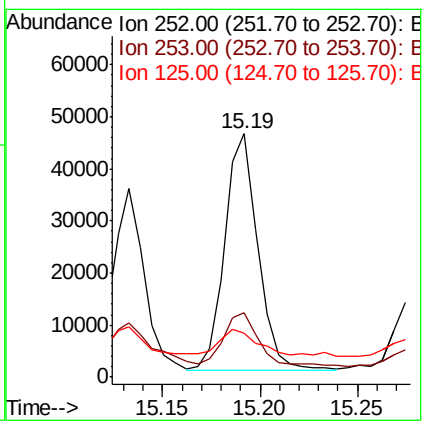


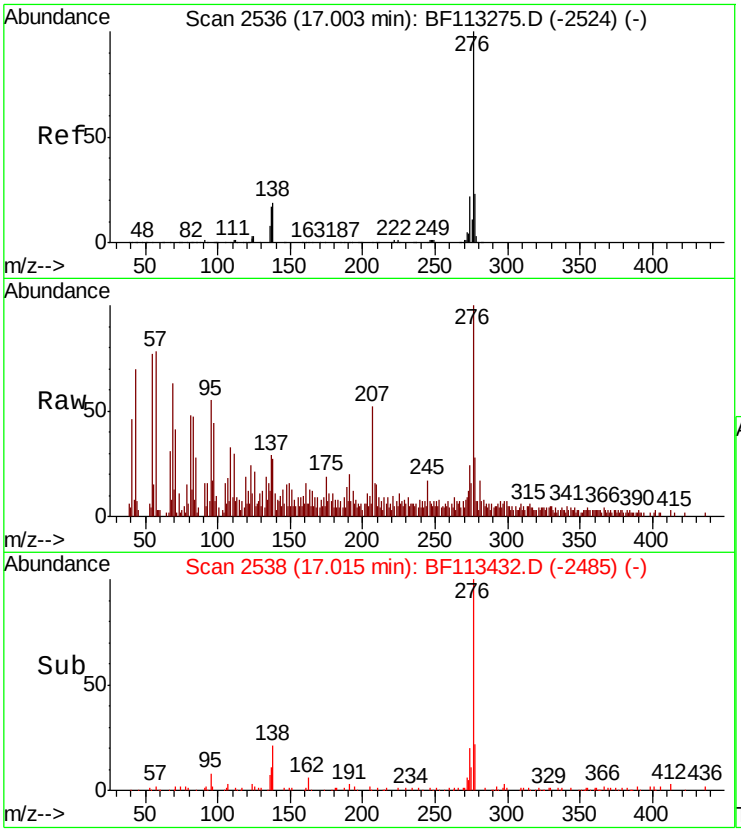


#90
Benzo(a)pyrene
Concen: 3.058 ng
RT: 15.19 min Scan# 2228
Delta R.T. 0.01 min
Lab File: BF113432.D
Acq: 30 Mar 2019 00:12

Tgt Ion:252 Resp: 53172

Ion	Ratio	Lower	Upper
252	100		
253	26.5	17.9	26.9
125	18.1	8.8	13.2#





#92
Benzo(g,h,i)perylene
Concen: 2.098 ng
RT: 17.02 min Scan# 2538
Delta R.T. 0.01 min
Lab File: BF113432.D
Acq: 30 Mar 2019 00:12

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-036-B

Tgt Ion:276 Resp: 31809

Ion	Ratio	Lower	Upper
276	100		
277	28.2	18.8	28.2#
138	26.8	15.6	23.4#