Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
Data File : BF113316.D
Acq On : 27 Mar 2019 3:16
Operator : JU/SJ
Sample : K2078-03 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-01-005-BRE

Quant Time: Mar 27 05:04:30 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	172876	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	610995	20.00	ng		0.00
39) Acenaphthene-d10	9.73	164	250495	20.00	ng		0.00
64) Phenanthrene-d10	11.21	188	431384	20.00	ng		0.00
76) Chrysene-d12	13.84	240	427857	20.00	ng		0.00
87) Perylene-d12	15.24	264	388867	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	91084	8.62	ng		0.00
7) Phenol-d6	6.35	99	468864	35.06	ng		-0.01
23) Nitrobenzene-d5	7.26	82	362284	35.19	ng		0.00
42) 2,4,6-Tribromophenol	10.52	330	16036	5.18	ng		0.00
45) 2-Fluorobiphenyl	9.06	172	613949	26.22	ng		0.00
79) Terphenyl-d14	12.79	244	543975	28.02	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.26	70	47095	5.606	ng	#	73
20) 3+4-Methylphenols	7.16	107	227	Below Cal		#	22
25) Isophorone	7.26	82	348869	17.488	ng	#	64
50) Dimethylphthalate	9.45	163	44048	2.373	ng	#	98
71) Phenanthrene	11.23	178	153999	7.189	ng		98
75) Fluoranthene	12.42	202	193269	7.980	ng		99
78) Pyrene	12.64	202	183335	6.184	ng		99
80) Butylbenzylphthalate	13.26	149	91584	7.009	ng		98
81) Benzo(a)anthracene	13.83	228	89678	3.662	ng		98
83) Chrysene	13.86	228	88702	3.566	ng		97
85) Di-n-octyl phthalate	14.43	149	202725	7.456	ng	#	90
88) Benzo(b)fluoranthene	14.84	252	122475	5.070	ng	#	88
89) Benzo(k)fluoranthene	14.84	252	122475	5.773	ng	#	87
90) Benzo(a)pyrene	15.18	252	66825	3.120	ng	#	89

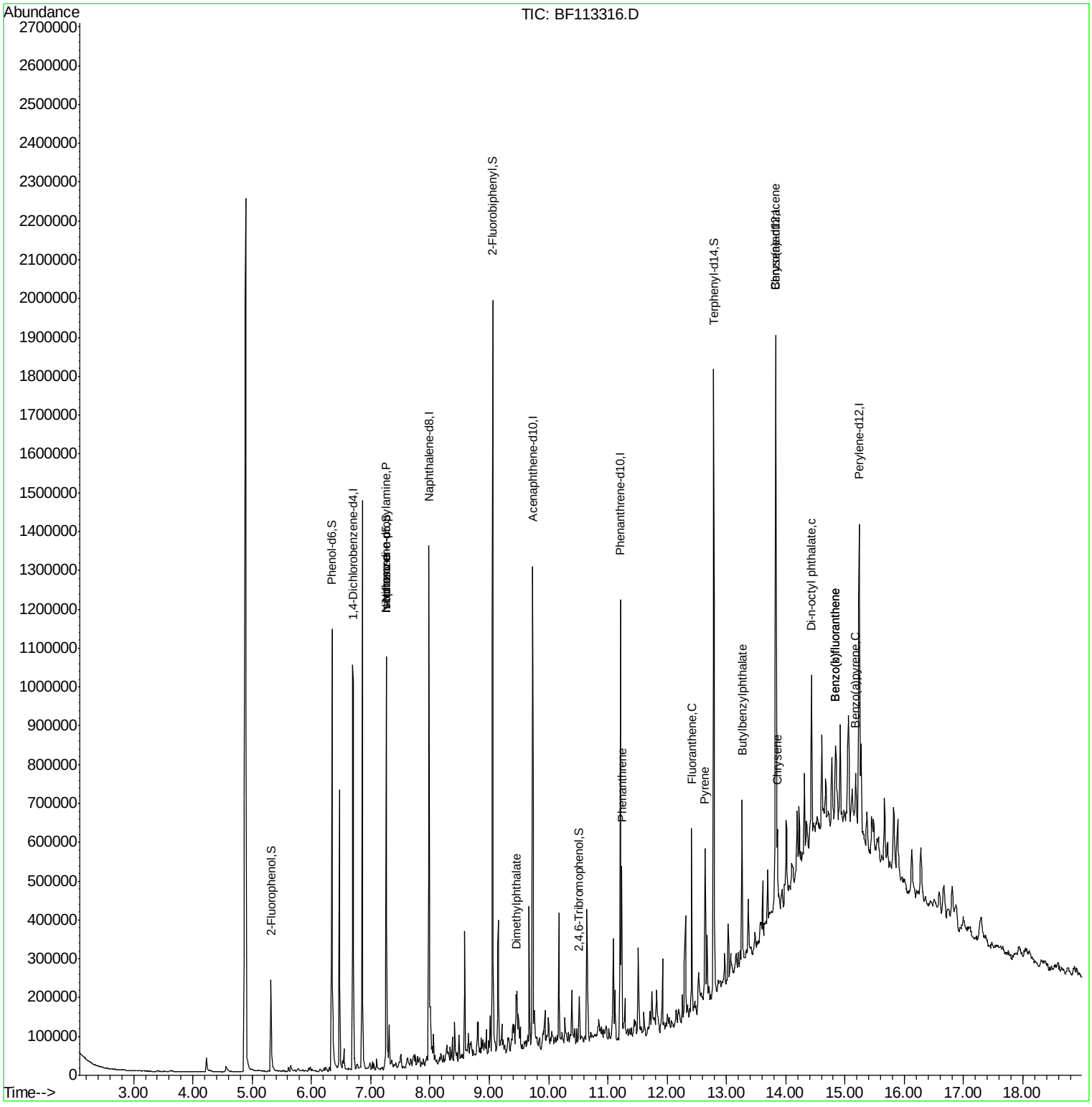
(#) = qualifier out of range (m) = manual integration (+) = signals summed

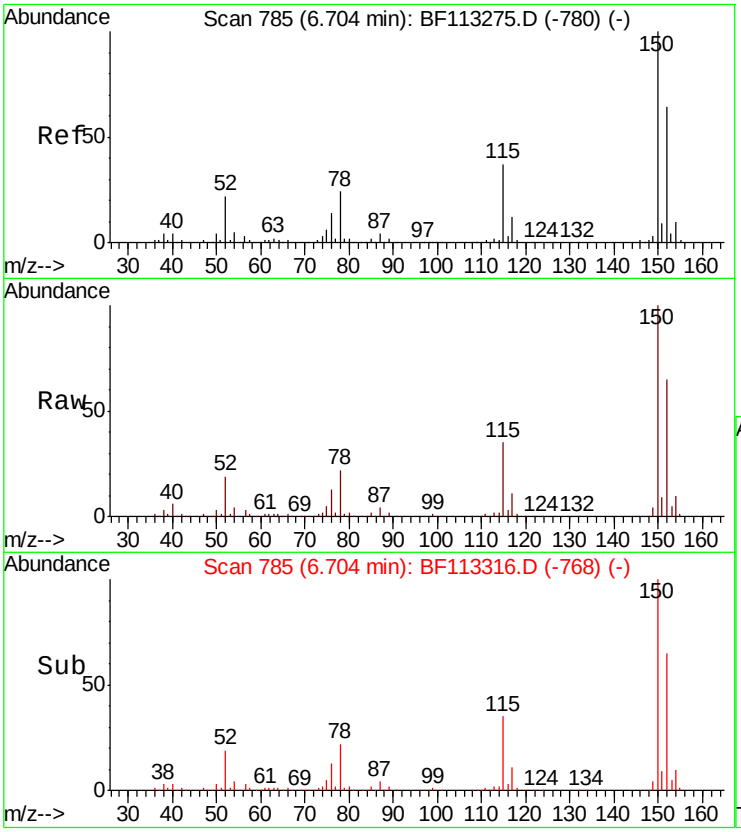
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
Data File : BF113316.D
Acq On : 27 Mar 2019 3:16
Operator : JU/SJ
Sample : K2078-03 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-005-BRE

Quant Time: Mar 27 05:04:30 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



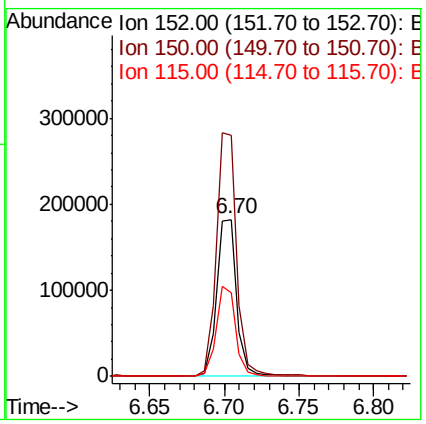


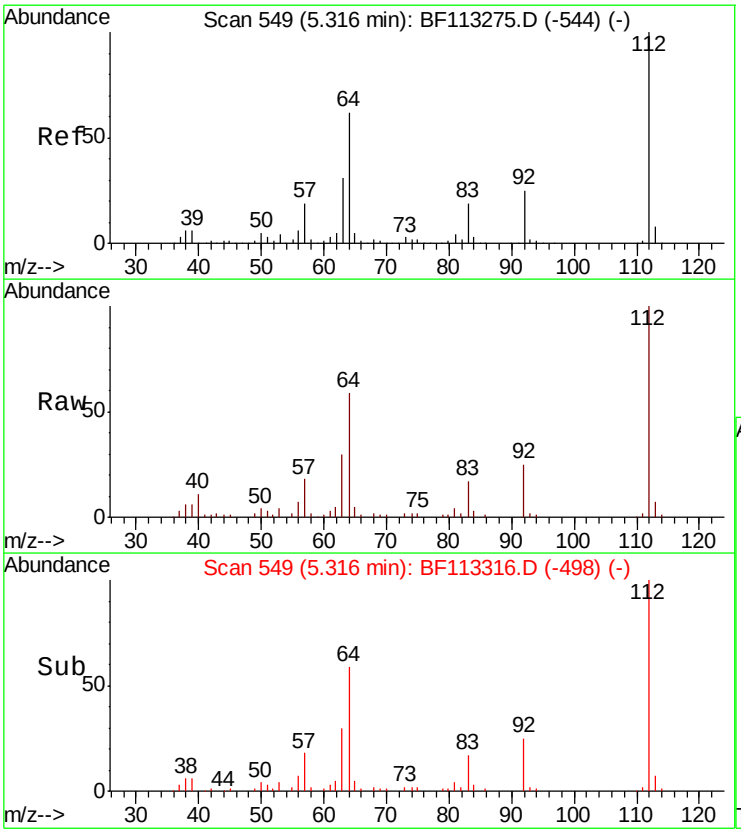
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF113316.D
Acq: 27 Mar 2019 3:16

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-005-BRE

Tgt Ion:152 Resp: 172876

Ion	Ratio	Lower	Upper
152	100		
150	153.8	124.7	187.1
115	53.7	46.0	69.0

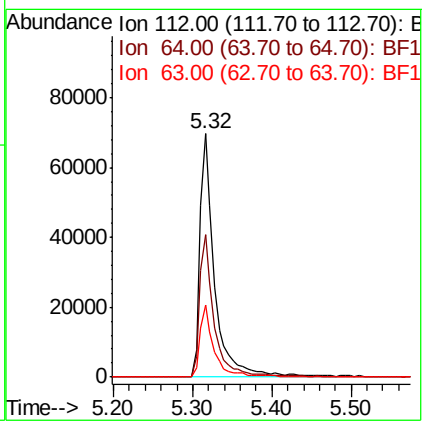


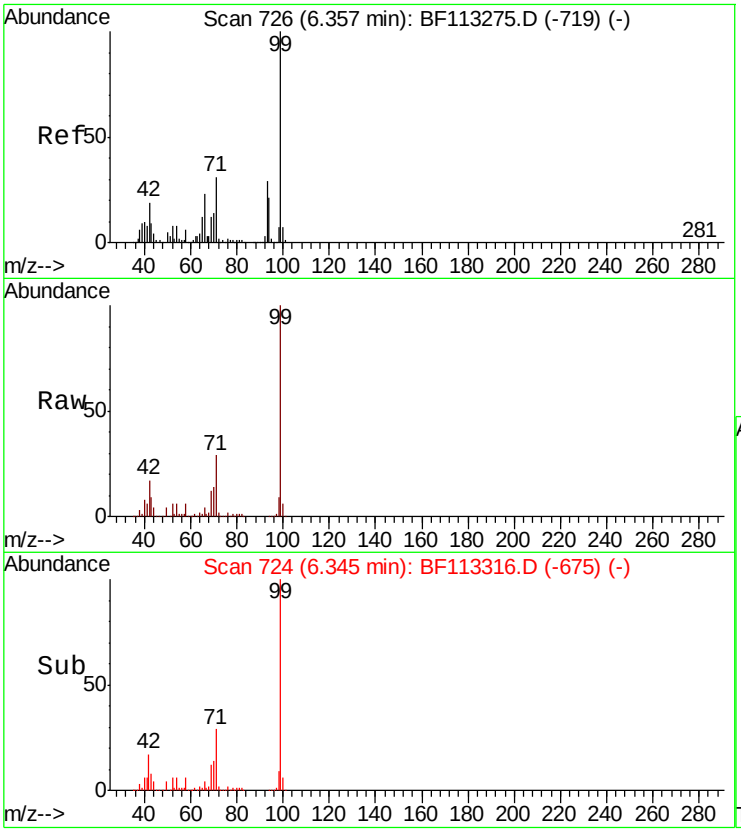


#5
2-Fluorophenol
Concen: 8.615 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF113316.D
Acq: 27 Mar 2019 3:16

Tgt Ion:112 Resp: 91084

Ion	Ratio	Lower	Upper
112	100		
64	58.8	49.2	73.8
63	29.7	24.9	37.3



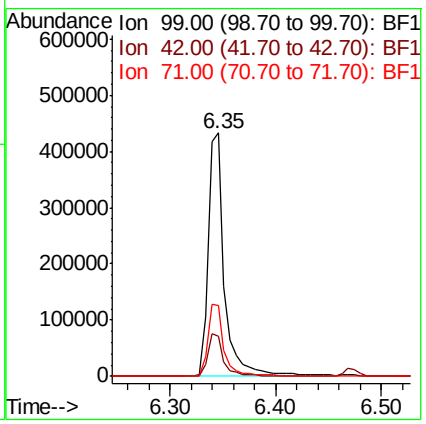


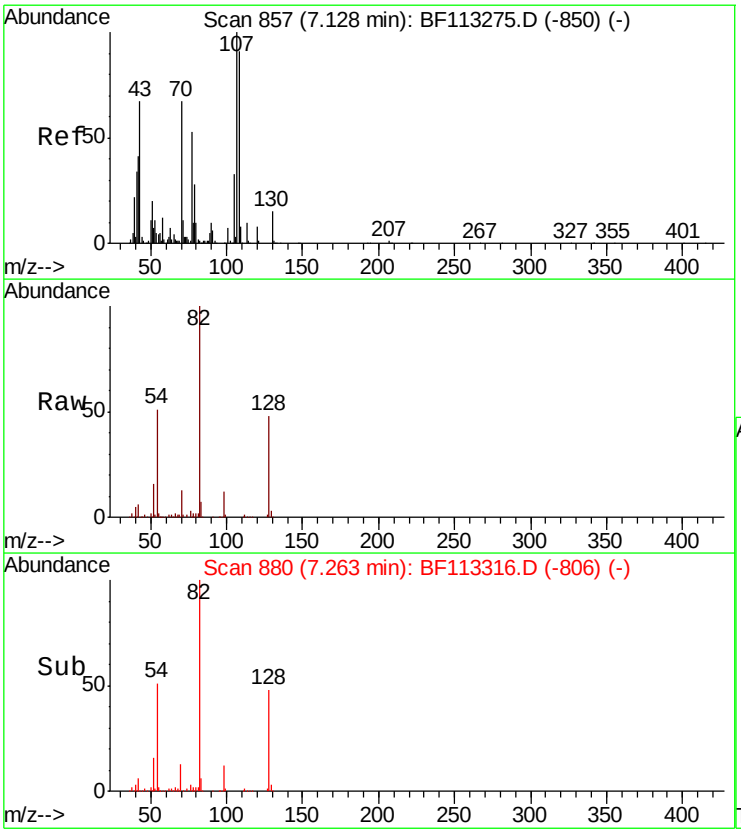
#7
Phenol-d6
Concen: 35.055 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF113316.D
Acq: 27 Mar 2019 3:16

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-005-BRE

Tgt Ion: 99 Resp: 468864

Ion	Ratio	Lower	Upper
99	100		
42	16.6	14.8	22.2
71	29.0	24.9	37.3

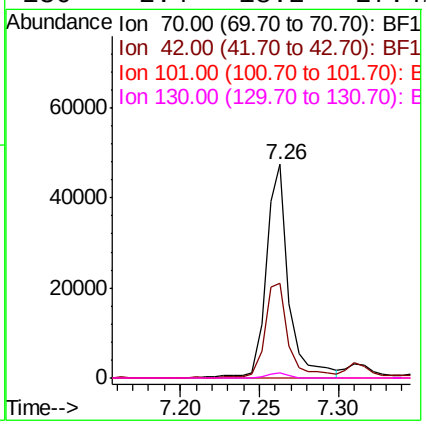


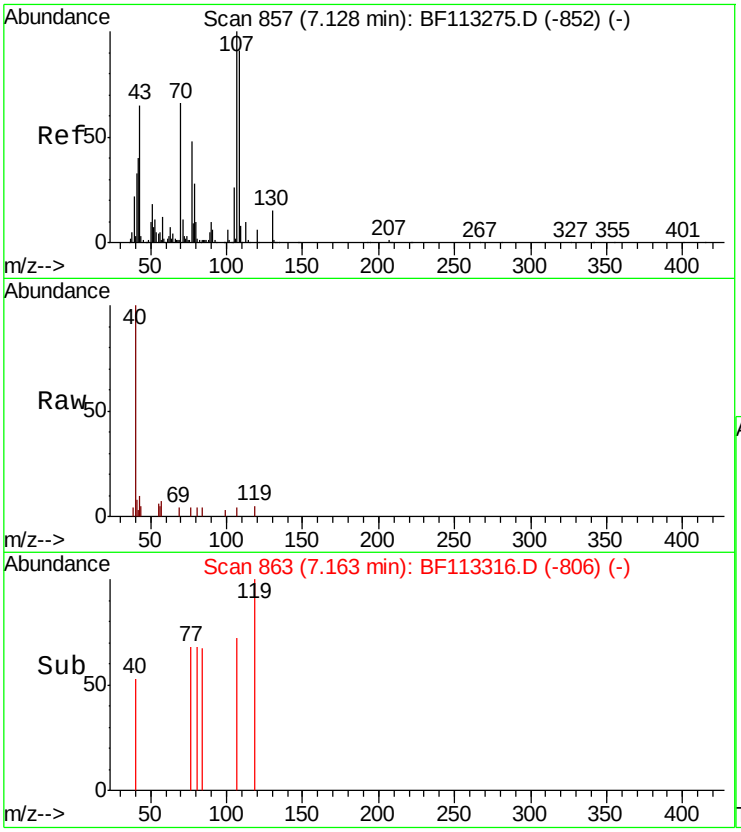


#19
n-Nitroso-di-n-propylamine
Concen: 5.606 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.14 min
Lab File: BF113316.D
Acq: 27 Mar 2019 3:16

Tgt Ion: 70 Resp: 47095

Ion	Ratio	Lower	Upper
70	100		
42	44.7	48.4	72.6#
101	0.0	7.8	11.8#
130	2.4	18.2	27.4#



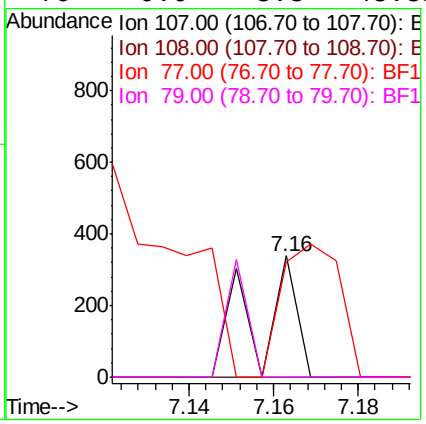


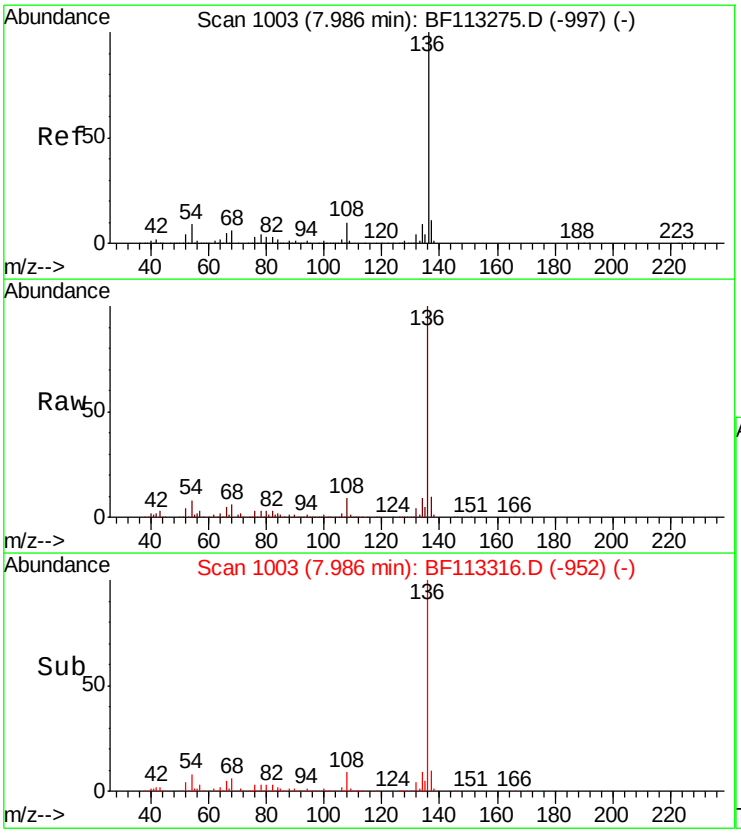
#20
3+4-Methylphenols
Concen: Below Cal
RT: 7.16 min Scan# 863
Delta R.T. 0.04 min
Lab File: BF113316.D
Acq: 27 Mar 2019 3:16

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-005-BRE

Tgt Ion:107 Resp: 227

Ion	Ratio	Lower	Upper
107	100		
108	0.0	71.4	111.4#
77	95.3	33.5	73.5#
79	0.0	8.3	48.3#

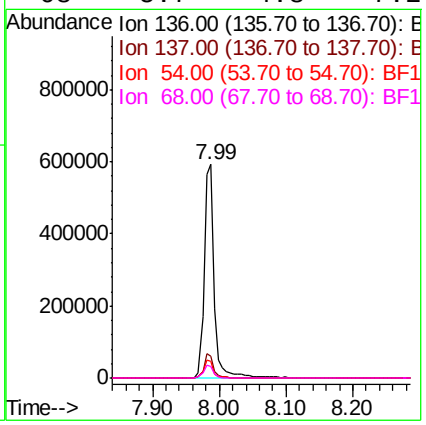


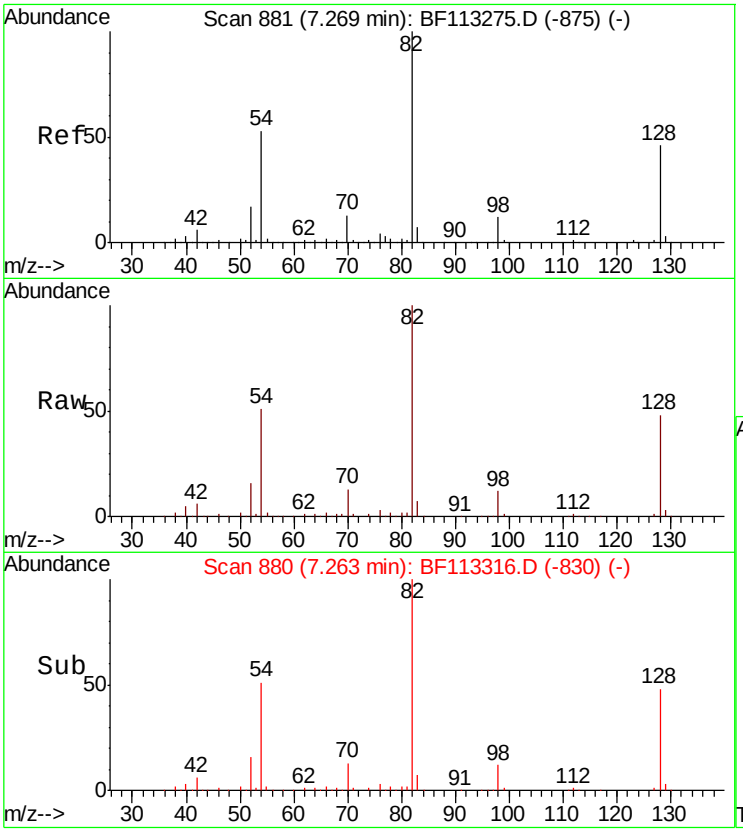


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BF113316.D
Acq: 27 Mar 2019 3:16

Tgt Ion:136 Resp: 610995

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	7.6	7.0	10.6
68	5.7	4.8	7.2



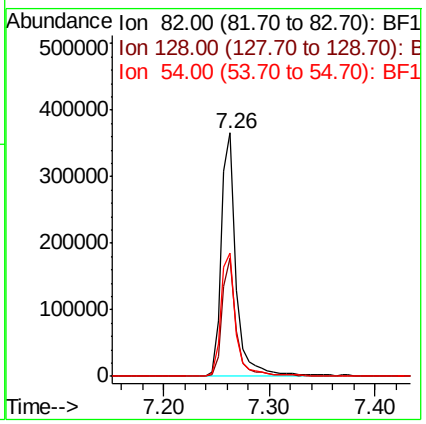


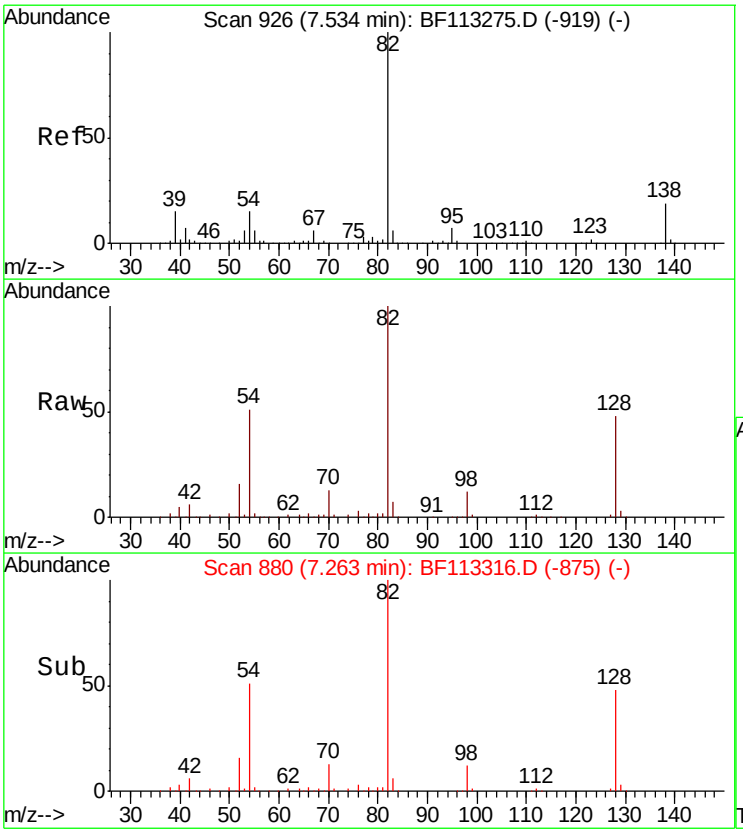
#23
Nitrobenzene-d5
Concen: 35.193 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF113316.D
Acq: 27 Mar 2019 3:16

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-005-BRE

Tgt Ion: 82 Resp: 362284

Ion	Ratio	Lower	Upper
82	100		
128	48.4	36.5	54.7
54	50.6	42.2	63.2

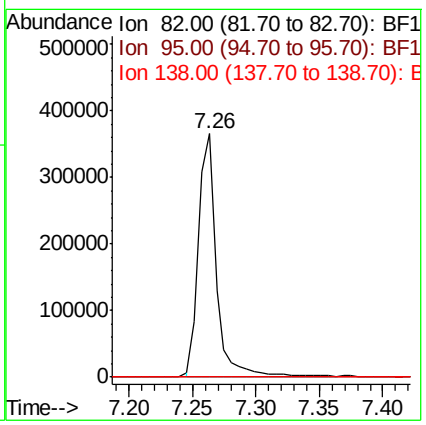


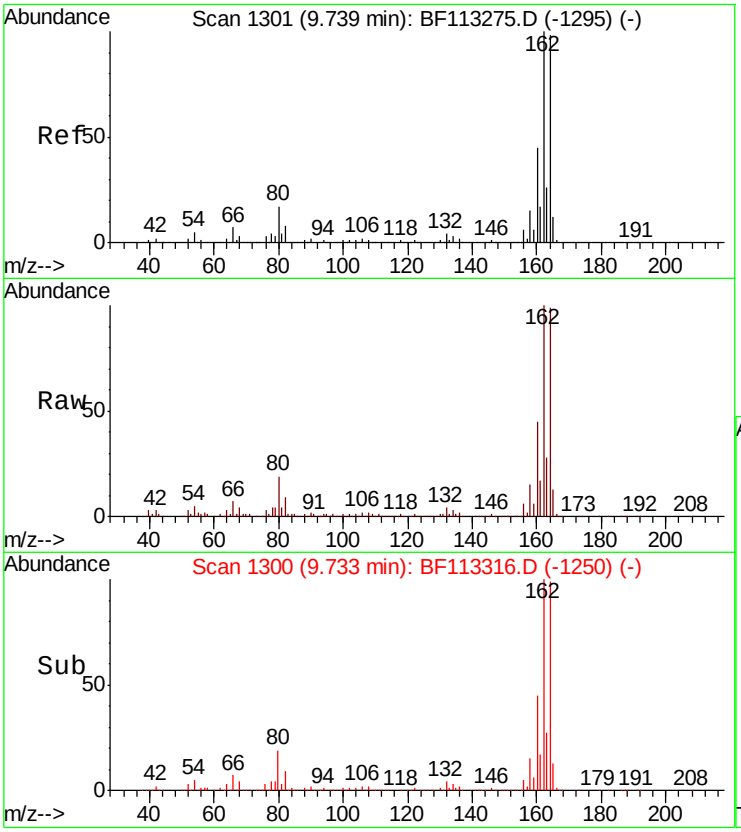


#25
Isophorone
Concen: 17.488 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.27 min
Lab File: BF113316.D
Acq: 27 Mar 2019 3:16

Tgt Ion: 82 Resp: 348869

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



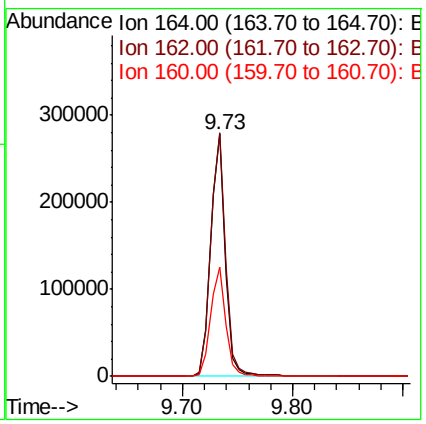


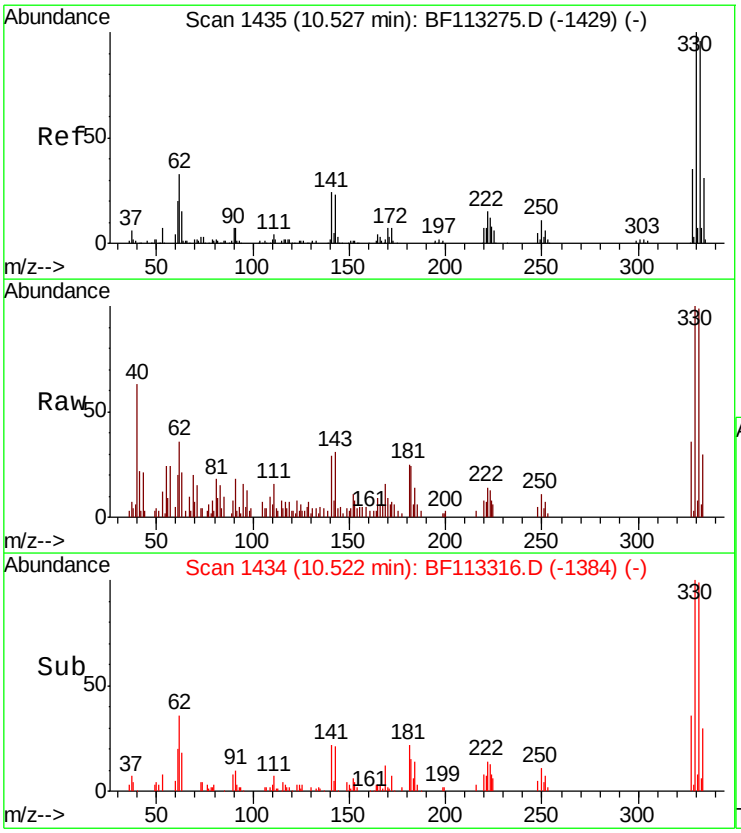
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF113316.D
Acq: 27 Mar 2019 3:16

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-005-BRE

Tgt Ion:164 Resp: 250495

Ion	Ratio	Lower	Upper
164	100		
162	100.6	81.8	122.6
160	45.0	36.4	54.6

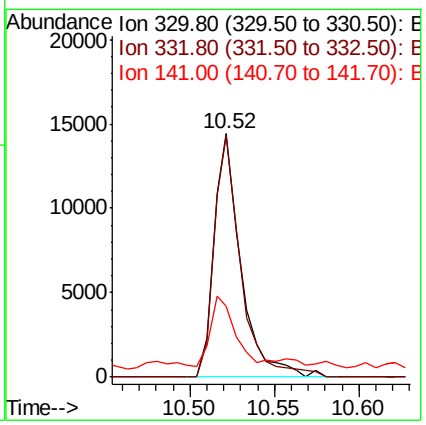


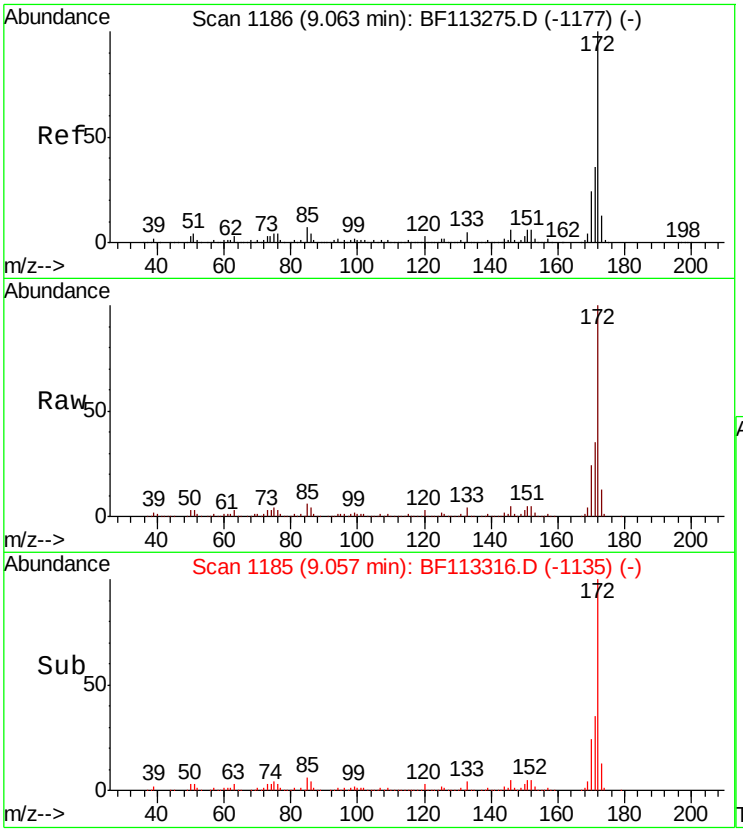


#42
2,4,6-Tribromophenol
Concen: 5.183 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF113316.D
Acq: 27 Mar 2019 3:16

Tgt Ion:330 Resp: 16036

Ion	Ratio	Lower	Upper
330	100		
332	98.4	77.8	116.6
141	25.1	22.7	34.1



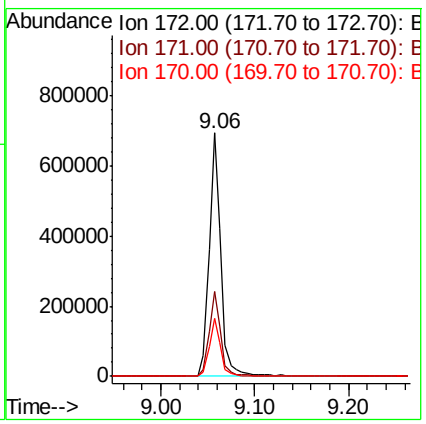


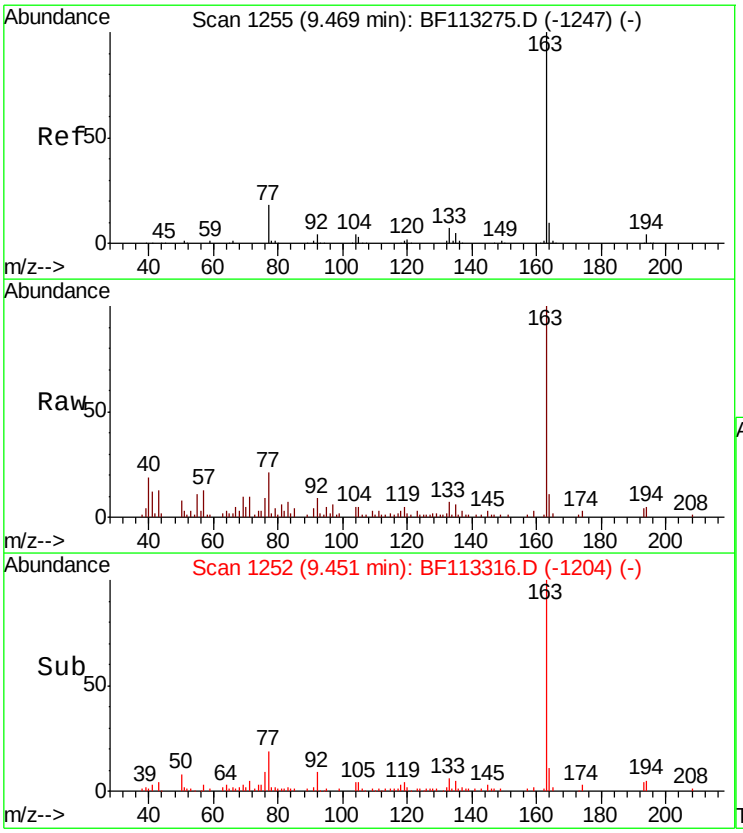
#45
2-Fluorobiphenyl
Concen: 26.218 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF113316.D
Acq: 27 Mar 2019 3:16

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-005-BRE

Tgt Ion:172 Resp: 613949

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.0	43.6
170	23.6	19.5	29.3

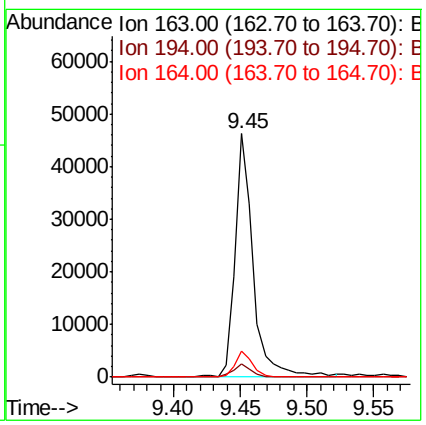


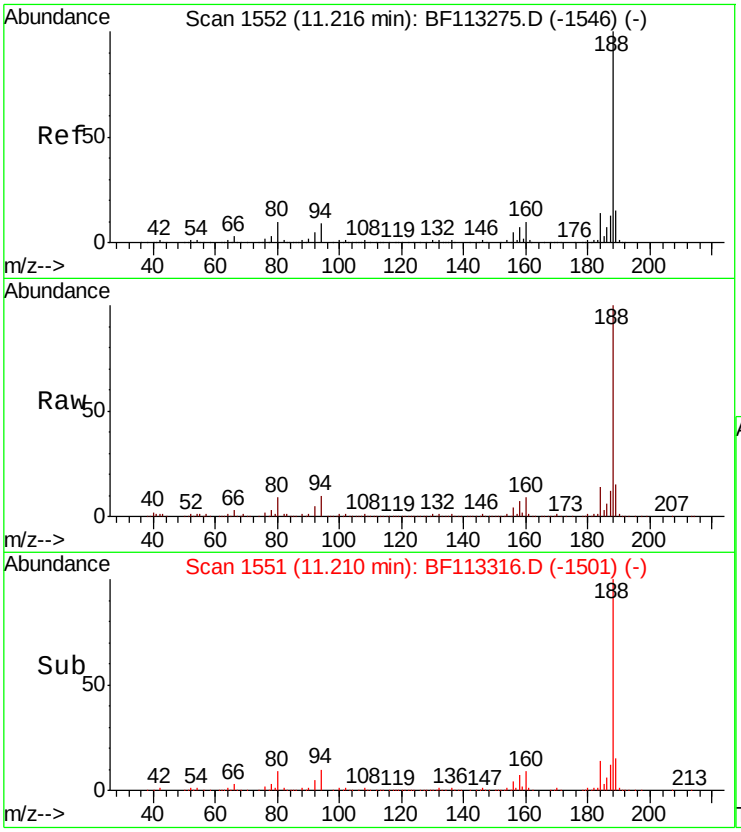


#50
Dimethylphthalate
Concen: 2.373 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF113316.D
Acq: 27 Mar 2019 3:16

Tgt Ion:163 Resp: 44048

Ion	Ratio	Lower	Upper
163	100		
194	5.4	3.0	4.6#
164	10.5	8.1	12.1



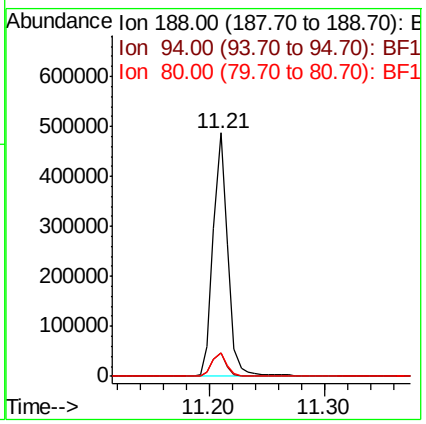


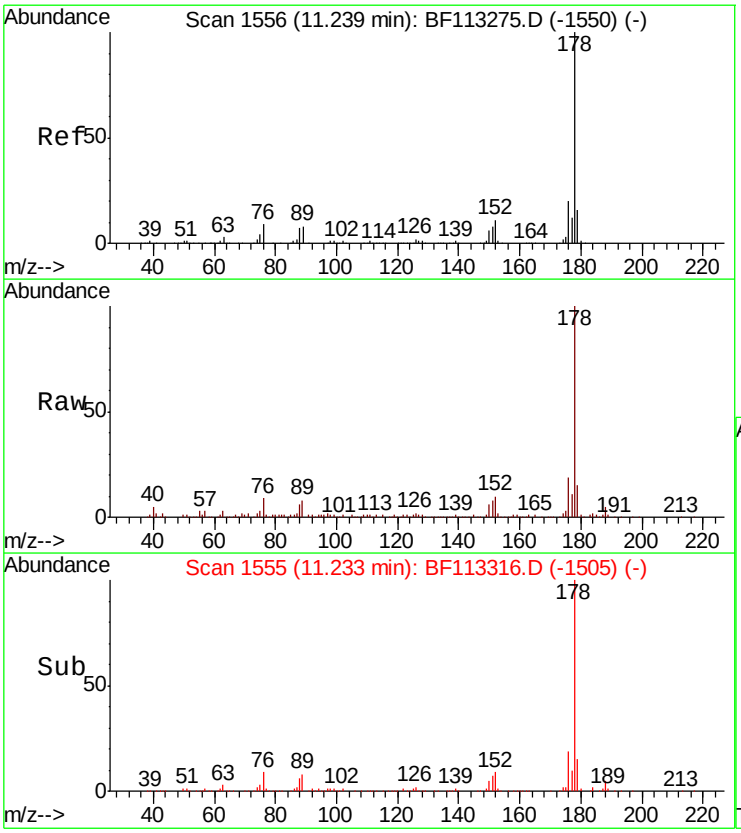
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF113316.D
Acq: 27 Mar 2019 3:16

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-005-BRE

Tgt Ion:188 Resp: 431384

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.0	10.6
80	9.5	7.7	11.5

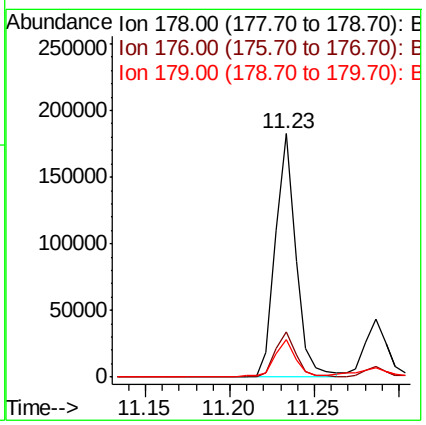


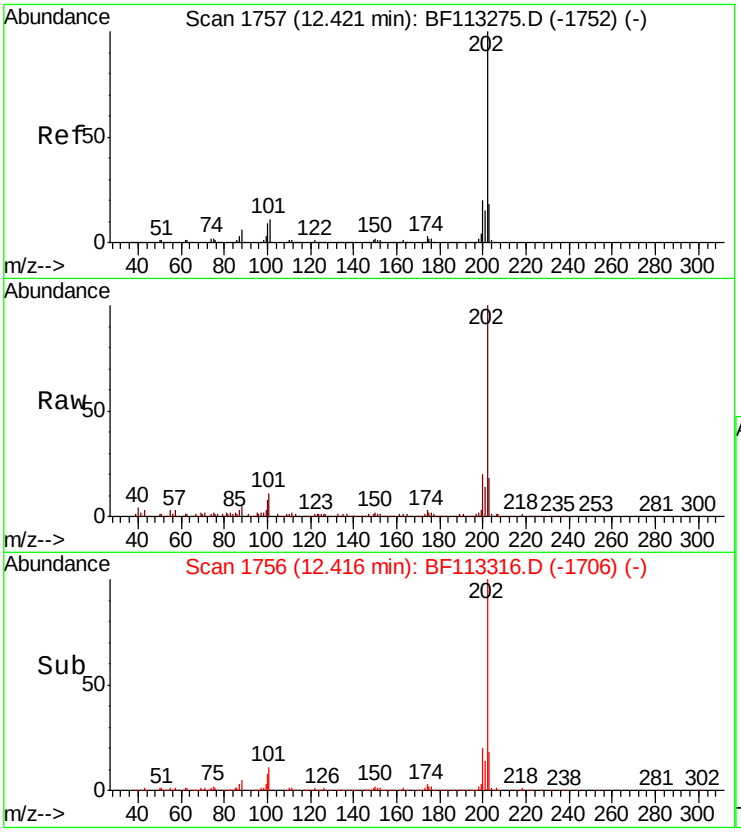


#71
Phenanthrene
Concen: 7.189 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113316.D
Acq: 27 Mar 2019 3:16

Tgt Ion:178 Resp: 153999

Ion	Ratio	Lower	Upper
178	100		
176	18.6	16.2	24.2
179	15.4	12.7	19.1



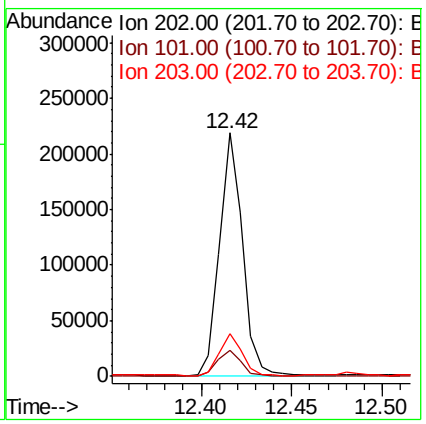


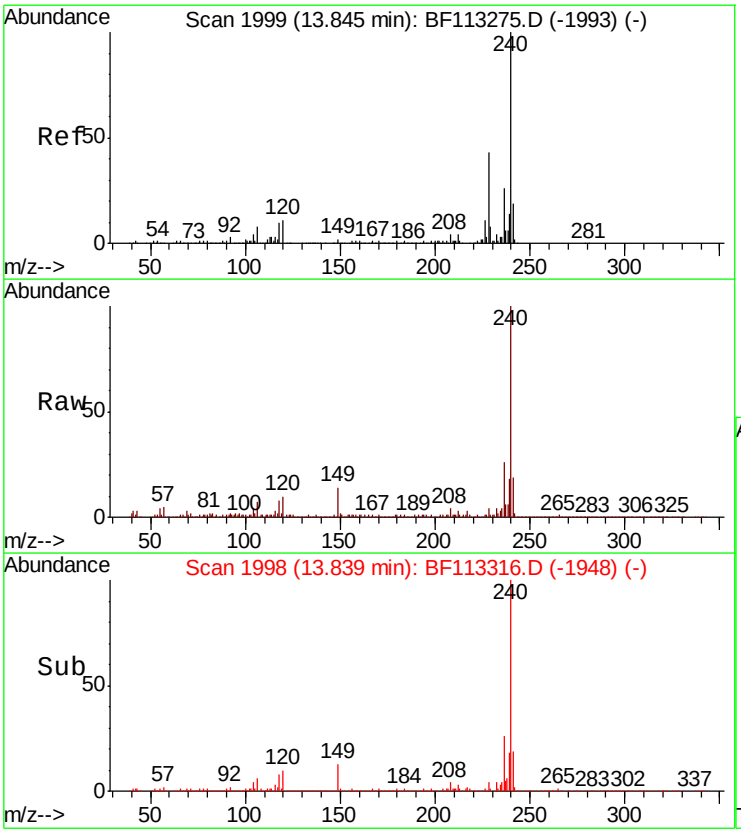
#75
Fluoranthene
Concen: 7.980 ng
RT: 12.42 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BF113316.D
Acq: 27 Mar 2019 3:16

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-005-BRE

Tgt Ion:202 Resp: 193269

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	31.4
203	17.8	0.0	38.0

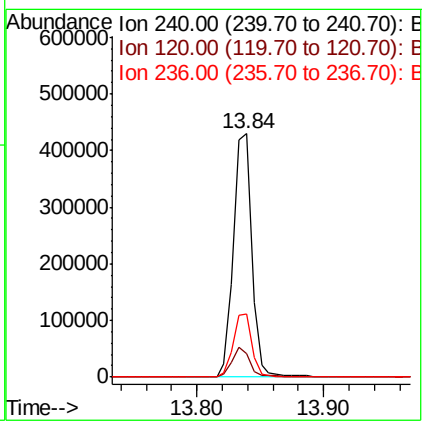


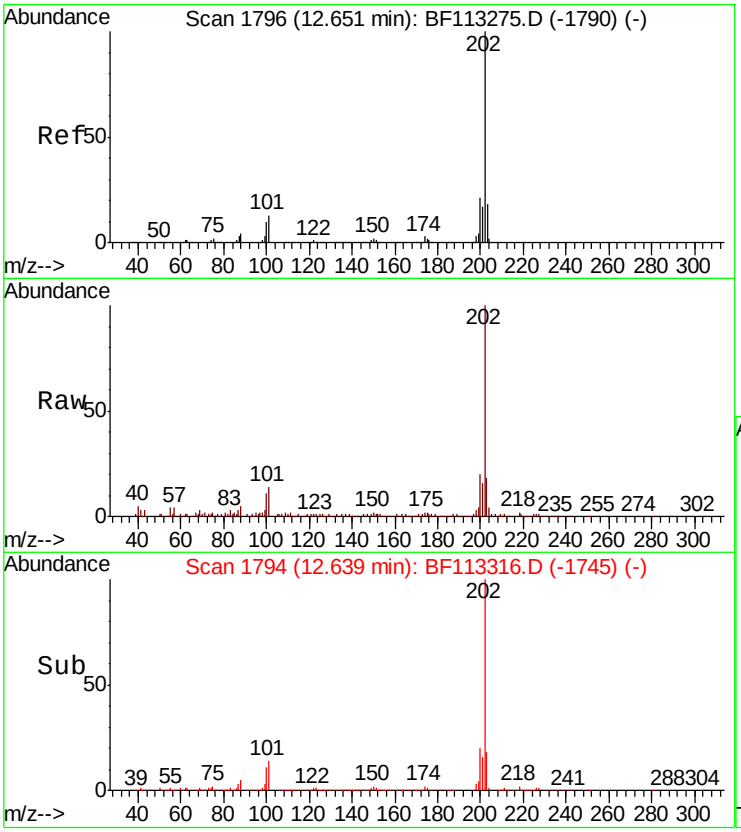


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF113316.D
Acq: 27 Mar 2019 3:16

Tgt Ion:240 Resp: 427857

Ion	Ratio	Lower	Upper
240	100		
120	9.8	8.8	13.2
236	26.0	20.9	31.3



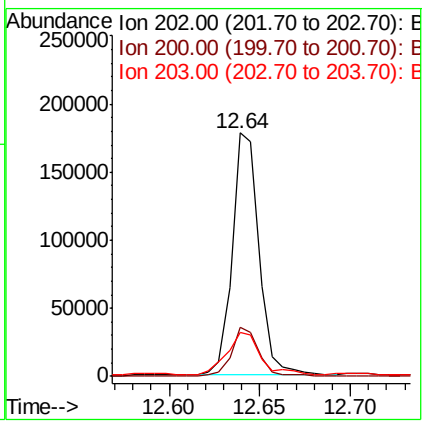


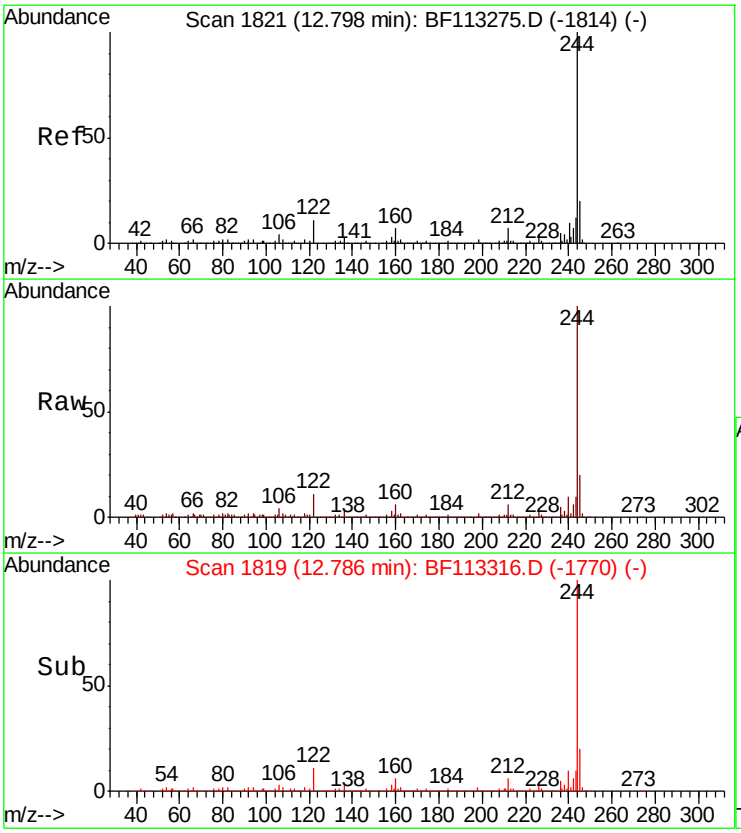
#78
Pyrene
Concen: 6.184 ng
RT: 12.64 min Scan# 1794
Delta R.T. -0.01 min
Lab File: BF113316.D
Acq: 27 Mar 2019 3:16

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-005-BRE

Tgt Ion:202 Resp: 183335

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.8	25.2
203	18.3	14.4	21.6

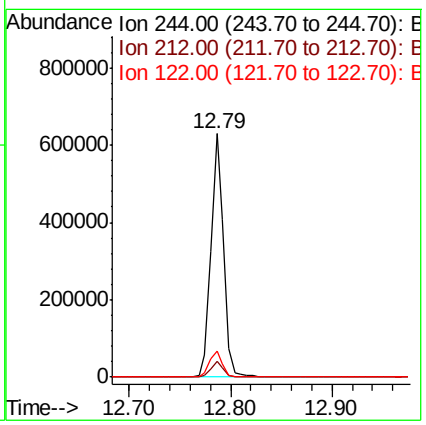


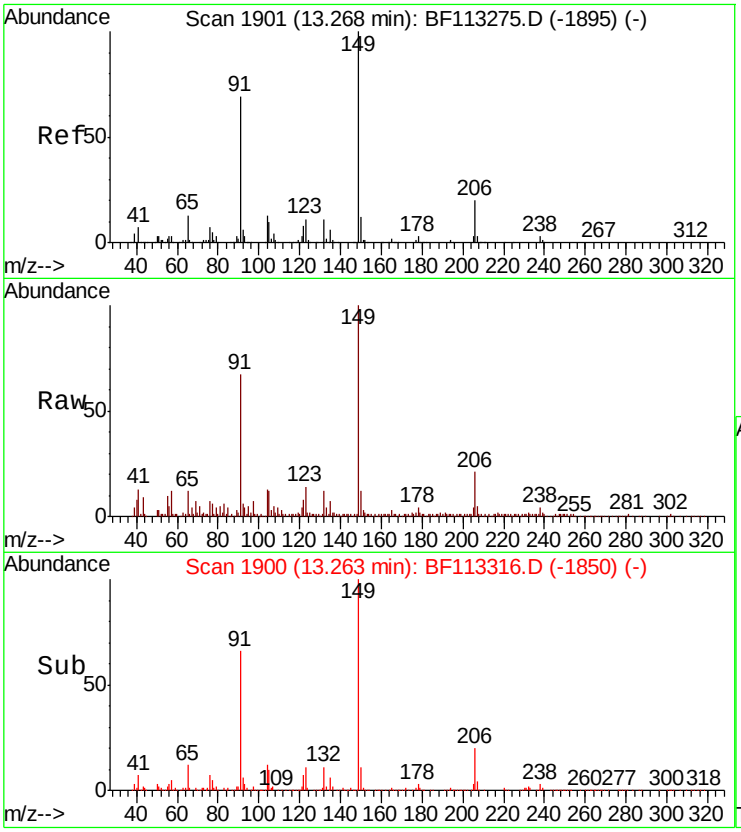


#79
Terphenyl-d14
Concen: 28.024 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BF113316.D
Acq: 27 Mar 2019 3:16

Tgt Ion:244 Resp: 543975

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.5	8.3
122	10.8	8.6	13.0



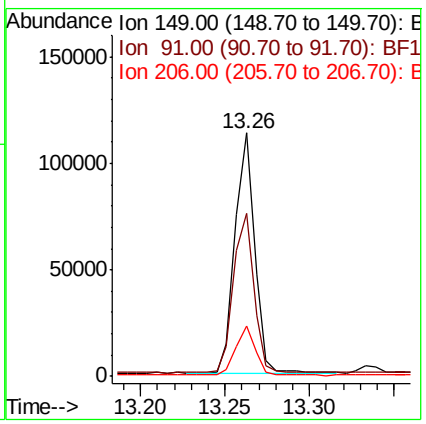


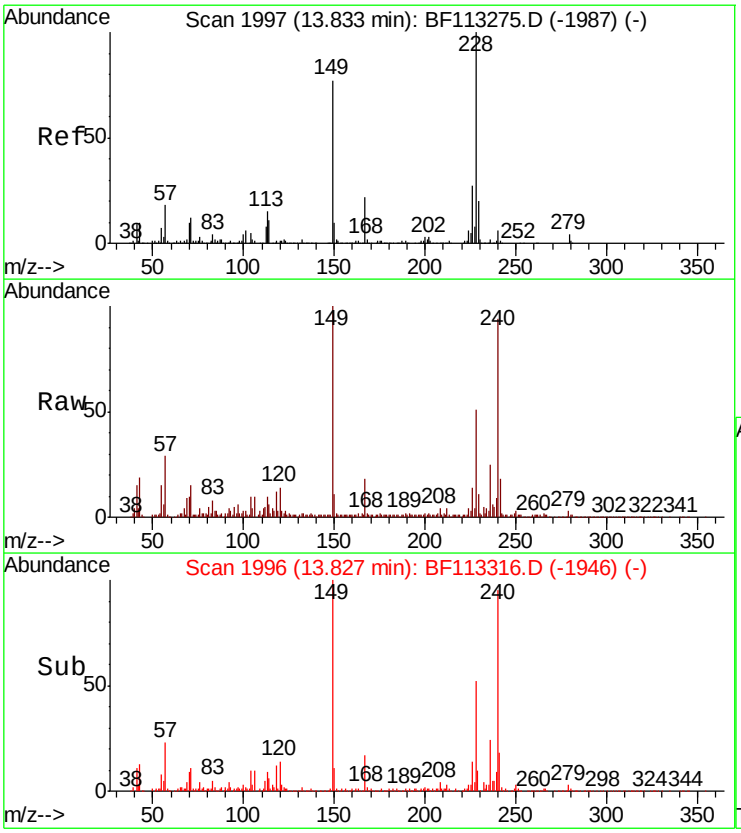
#80
Butylbenzylphthalate
Concen: 7.009 ng
RT: 13.26 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BF113316.D
Acq: 27 Mar 2019 3:16

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-005-BRE

Tgt Ion:149 Resp: 91584

Ion	Ratio	Lower	Upper
149	100		
91	67.2	55.2	82.8
206	20.6	16.1	24.1

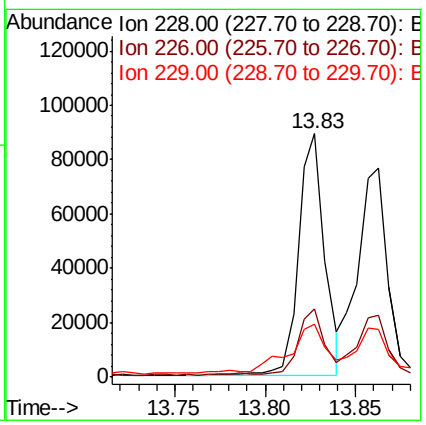


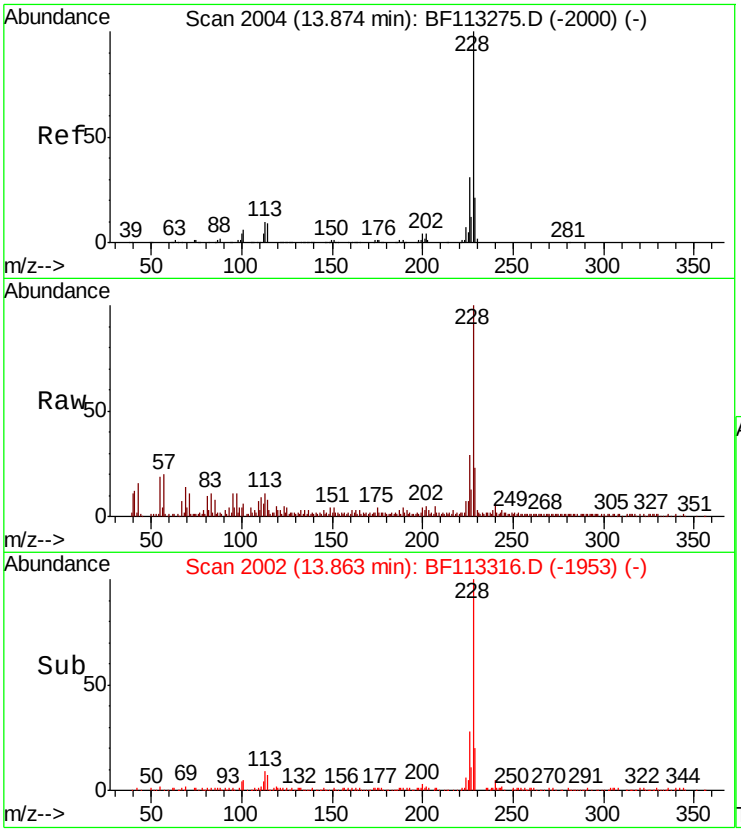


#81
Benzo(a)anthracene
Concen: 3.662 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF113316.D
Acq: 27 Mar 2019 3:16

Tgt Ion:228 Resp: 89678

Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.8	32.8
229	21.9	16.2	24.4



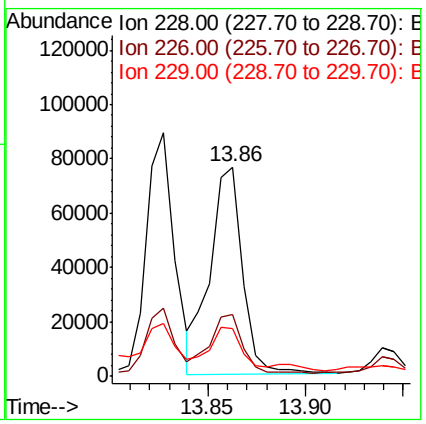


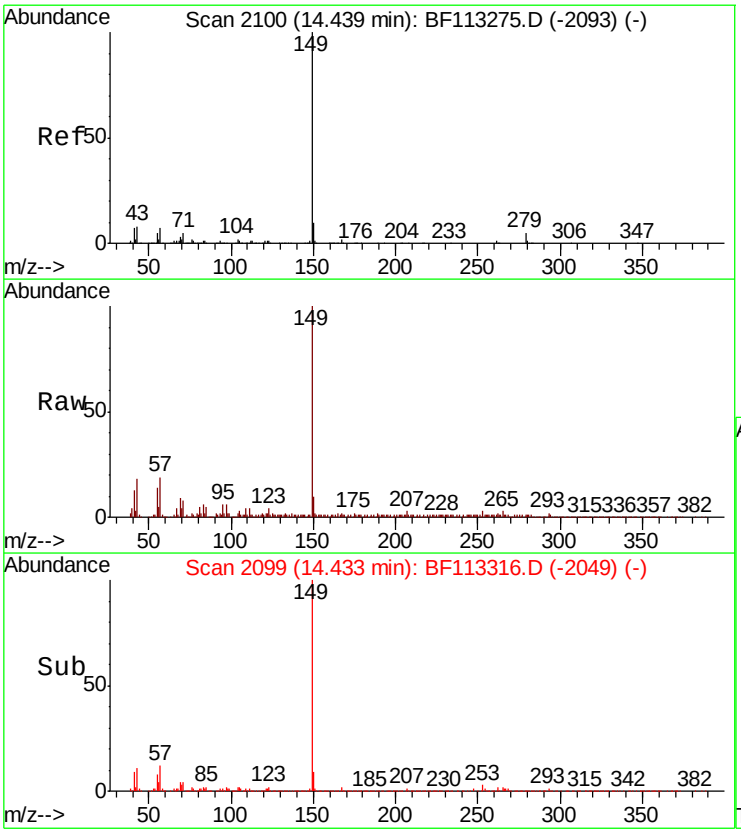
#83
Chrysene
Concen: 3.566 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113316.D
Acq: 27 Mar 2019 3:16

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-005-BRE

Tgt Ion:228 Resp: 88702

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.3	36.5
229	22.8	16.3	24.5

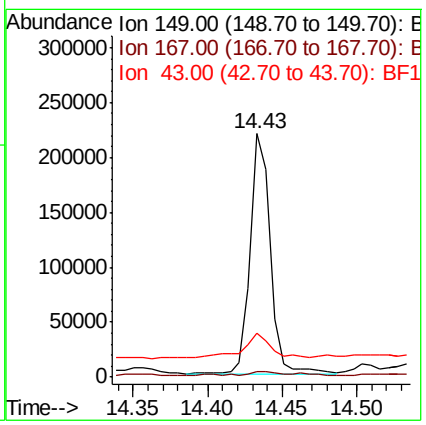


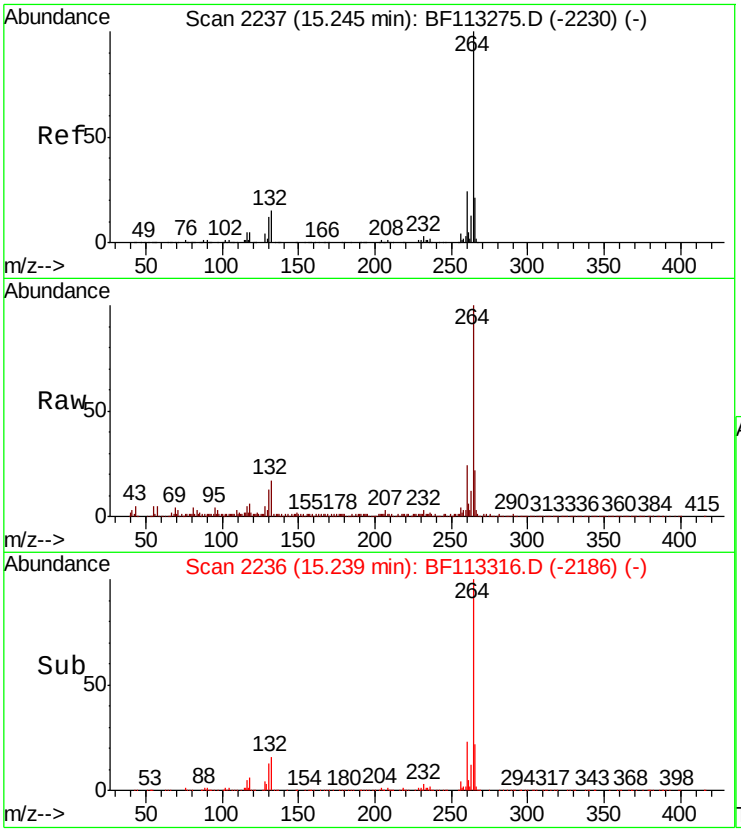


#85
Di-n-octyl phthalate
Concen: 7.456 ng
RT: 14.43 min Scan# 2099
Delta R.T. -0.01 min
Lab File: BF113316.D
Acq: 27 Mar 2019 3:16

Tgt Ion:149 Resp: 202725

Ion	Ratio	Lower	Upper
149	100		
167	2.0	1.3	1.9#
43	13.7	7.7	11.5#



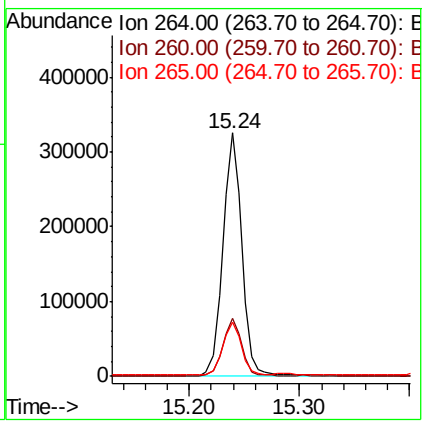


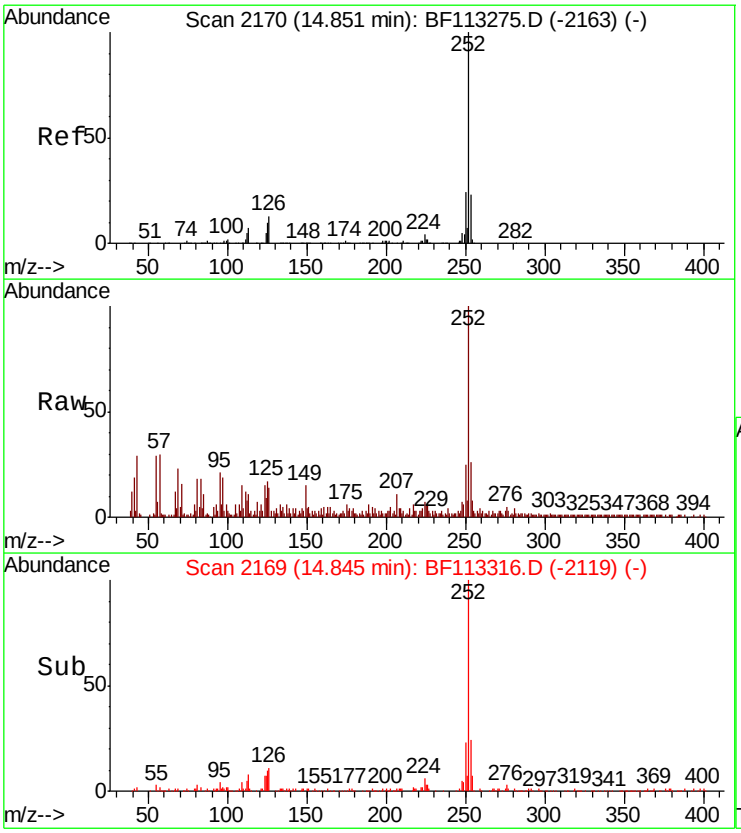
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BF113316.D
Acq: 27 Mar 2019 3:16

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-005-BRE

Tgt Ion:264 Resp: 388867

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.1	28.7
265	22.2	17.1	25.7

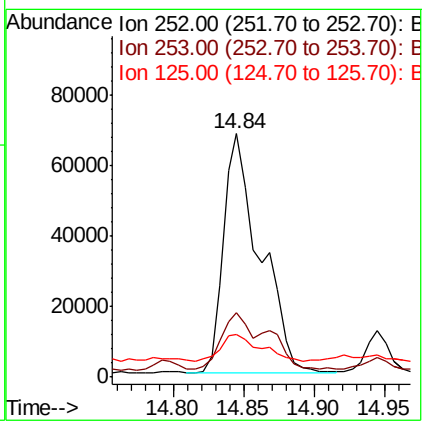


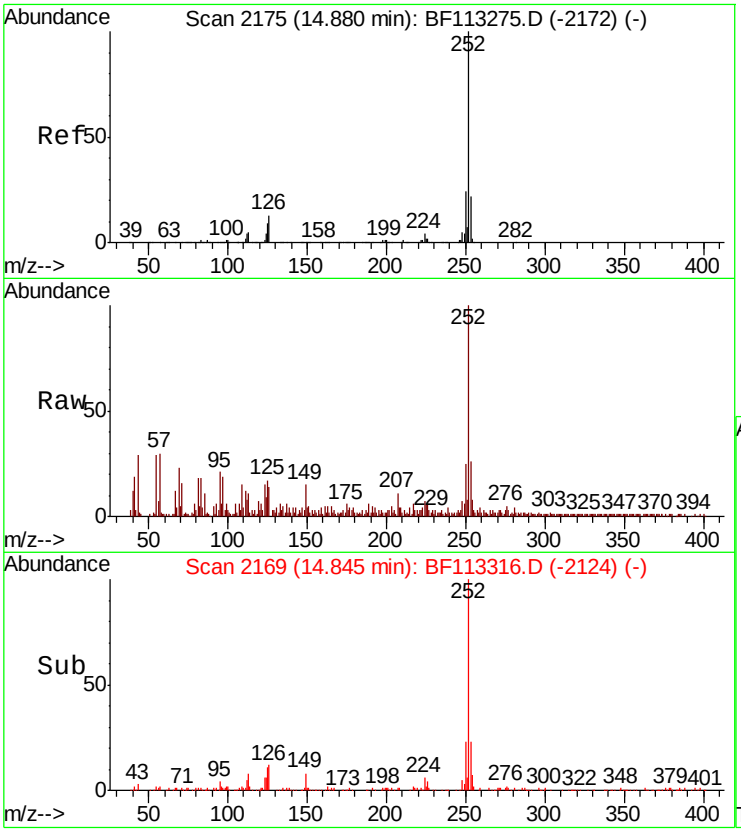


#88
Benzo(b)fluoranthene
Concen: 5.070 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF113316.D
Acq: 27 Mar 2019 3:16

Tgt Ion:252 Resp: 122475

Ion	Ratio	Lower	Upper
252	100		
253	26.5	18.0	27.0
125	17.5	7.6	11.4#



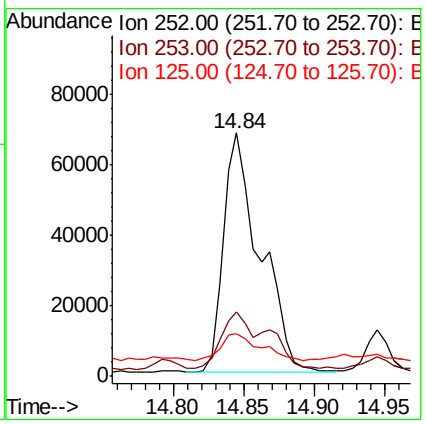


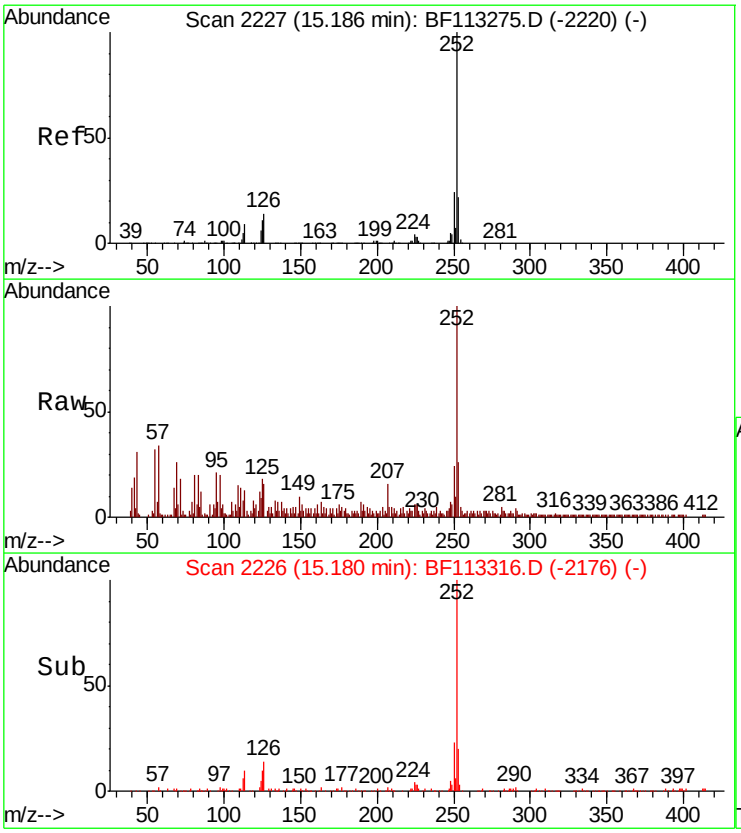
#89
Benzo(k)fluoranthene
Concen: 5.773 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.04 min
Lab File: BF113316.D
Acq: 27 Mar 2019 3:16

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-005-BRE

Tgt Ion:252 Resp: 122475

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





#90
Benzo(a)pyrene
Concen: 3.120 ng
RT: 15.18 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BF113316.D
Acq: 27 Mar 2019 3:16

Tgt Ion:252 Resp: 66825

Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.9	26.9
125	18.0	8.8	13.2#