Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071819\

Quantitation Report (Not Reviewed)

Data File : BF115659.D
Acq On : 18 Jul 2019 22:19
Operator : HP/JU
Sample : K3874-03 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HJDC-GRABC

Quant Time: Jul 19 07:41:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	170227	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	658039	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	273817	20.00	ng		-0.01
64) Phenanthrene-d10	11.40	188	486506	20.00	ng		-0.01
76) Chrysene-d12	14.03	240	404797	20.00	ng		-0.02
87) Perylene-d12	15.50	264	325179	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	490753	47.16	ng		0.00
7) Phenol-d6	6.51	99	656643	49.73	ng		0.00
23) Nitrobenzene-d5	7.44	82	402752	35.59	ng		-0.01
42) 2,4,6-Tribromophenol	10.70	330	138312	43.28	ng		-0.02
45) 2-Fluorobiphenyl	9.23	172	663325	42.40	ng		-0.02
79) Terphenyl-d14	12.98	244	540367	24.63	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.44	70	53246	6.183	ng	#	77
25) Isophorone	7.44	82	398832	17.612	ng	#	64
50) Dimethylphthalate	9.62	163	83881	4.072	ng		98
51) 2,6-Dinitrotoluene	9.92	165	34984	7.472	ng	#	27
57) 2,4-Dinitrotoluene	9.92	165	34984	5.768	ng	#	24
71) Phenanthrene	11.42	178	274790	11.019	ng		96
75) Fluoranthene	12.61	202	676005	25.652	ng		98
78) Pyrene	12.84	202	563271	16.424	ng		96
81) Benzo(a)anthracene	14.03	228	296764	11.128	ng		99
83) Chrysene	14.06	228	348541	13.019	ng		97
86) Indeno(1,2,3-cd)pyrene	16.97	276	128810	5.663	ng		96
88) Benzo(b)fluoranthene	15.07	252	465931	22.252	ng		98
89) Benzo(k)fluoranthene	15.07	252	465931	24.959	ng		99
90) Benzo(a)pyrene	15.44	252	195499	10.863	ng		97
91) Dibenzo(a,h)anthracene	16.98	278	34636	2.192	ng	#	88
92) Benzo(g,h,i)perylene	17.42	276	125484	7.964	ng		98

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

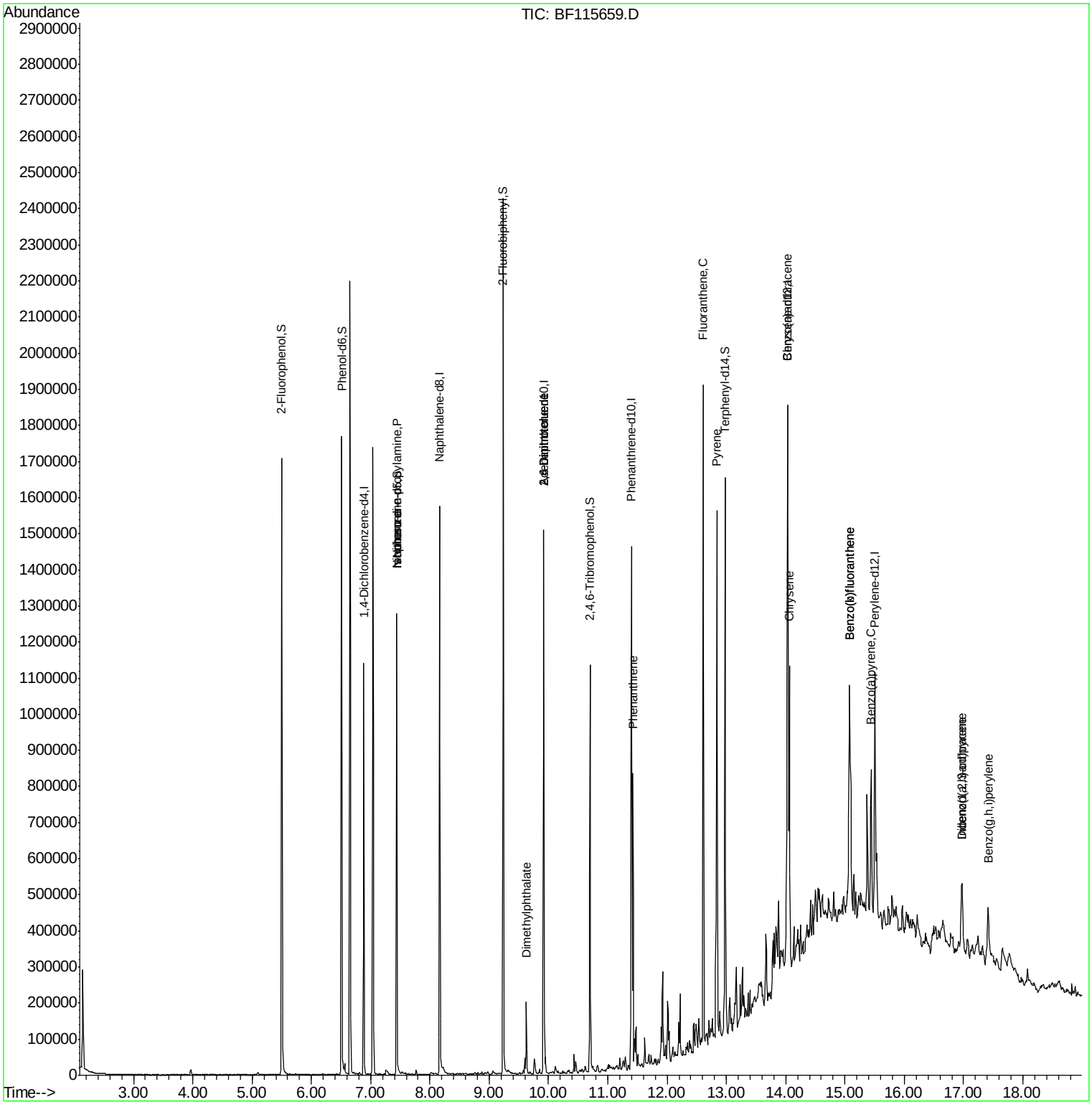
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071819\

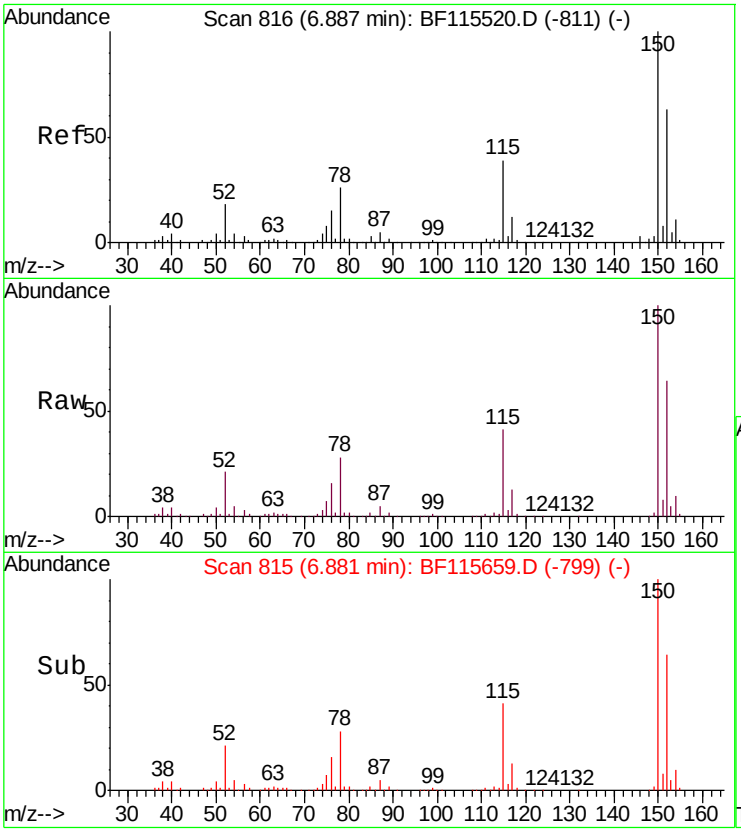
Quantitation Report (Not Reviewed)

Data File : BF115659.D
Acq On : 18 Jul 2019 22:19
Operator : HP/JU
Sample : K3874-03 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HJDC-GRABC

Quant Time: Jul 19 07:41:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration



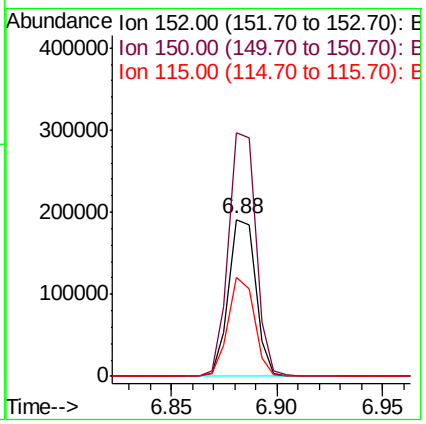


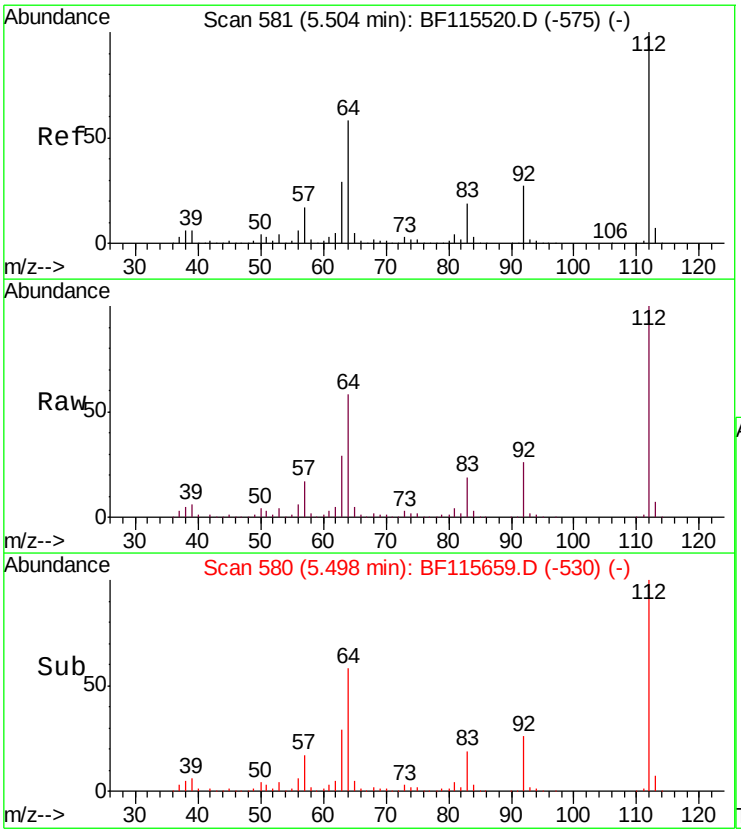
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115659.D
Acq: 18 Jul 2019 22:19

Instrument :
BNA_F
ClientSampleId :
HJDC-GRABC

Tgt Ion:152 Resp: 170227

Ion	Ratio	Lower	Upper
152	100		
150	155.4	129.7	194.5
115	62.9	48.2	72.4

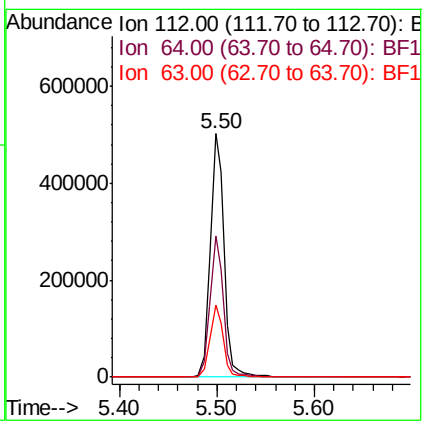


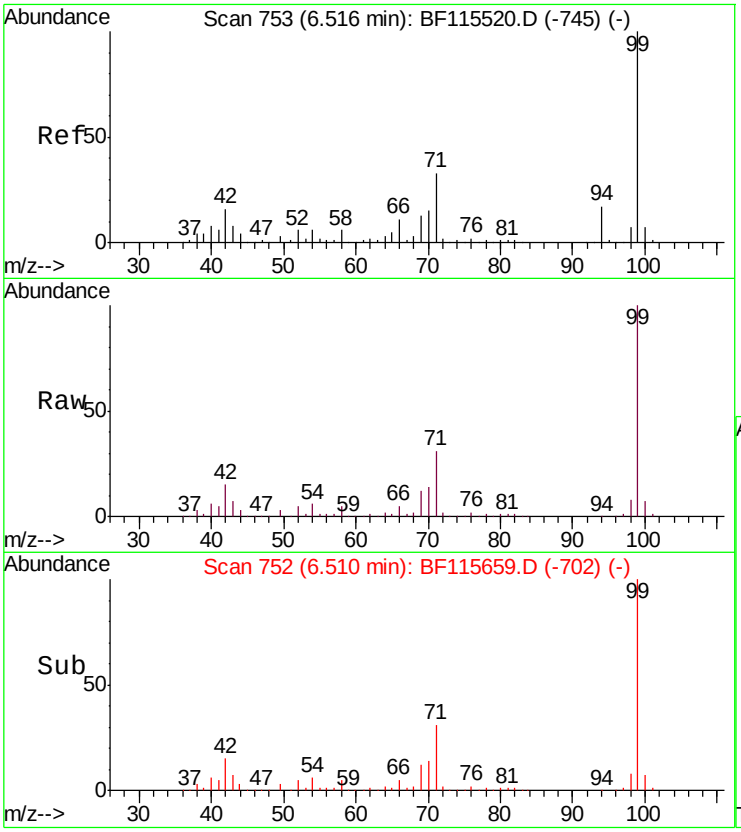


#5
2-Fluorophenol
Concen: 47.156 ng
RT: 5.50 min Scan# 580
Delta R.T. -0.01 min
Lab File: BF115659.D
Acq: 18 Jul 2019 22:19

Tgt Ion:112 Resp: 490753

Ion	Ratio	Lower	Upper
112	100		
64	58.0	46.8	70.2
63	29.5	24.1	36.1



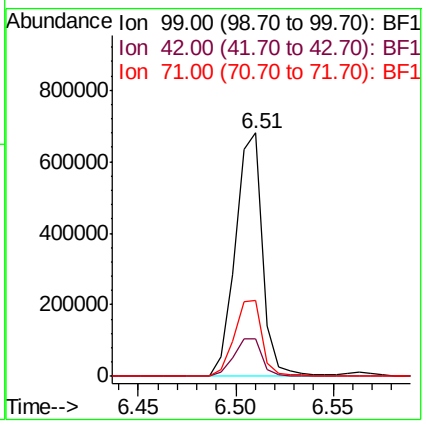


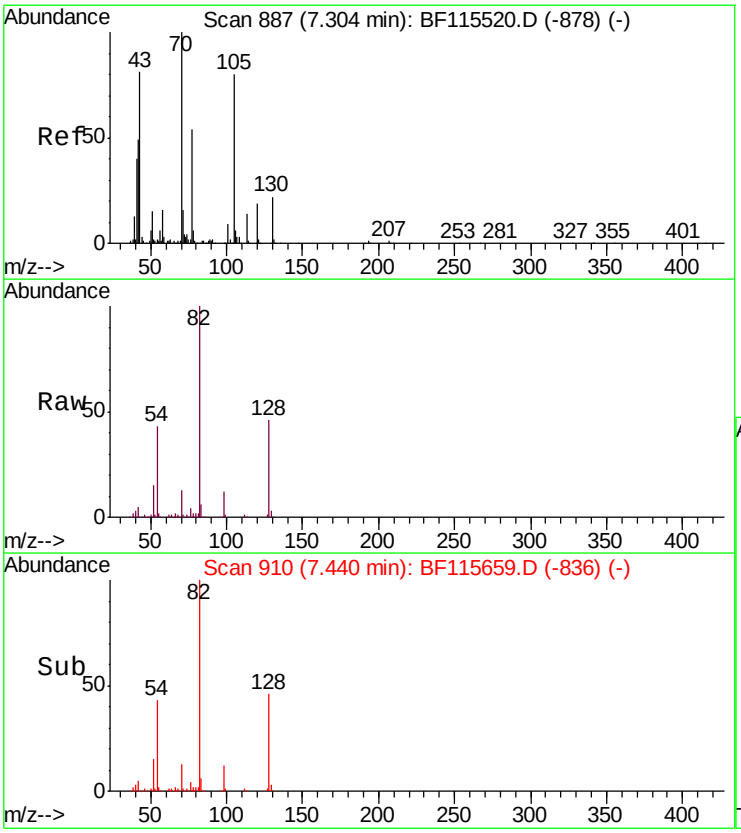
#7
Phenol-d6
Concen: 49.726 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF115659.D
Acq: 18 Jul 2019 22:19

Instrument :
BNA_F
ClientSampleId :
HJDC-GRABC

Tgt Ion: 99 Resp: 656643

Ion	Ratio	Lower	Upper
99	100		
42	15.2	13.6	20.4
71	31.1	28.5	42.7

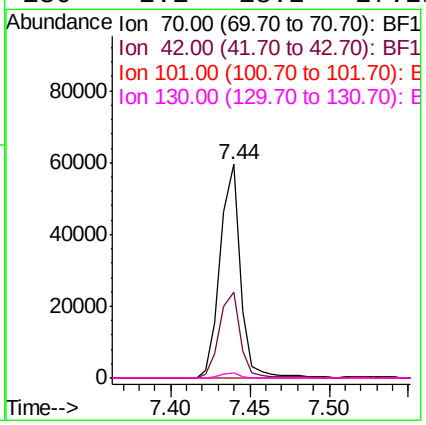


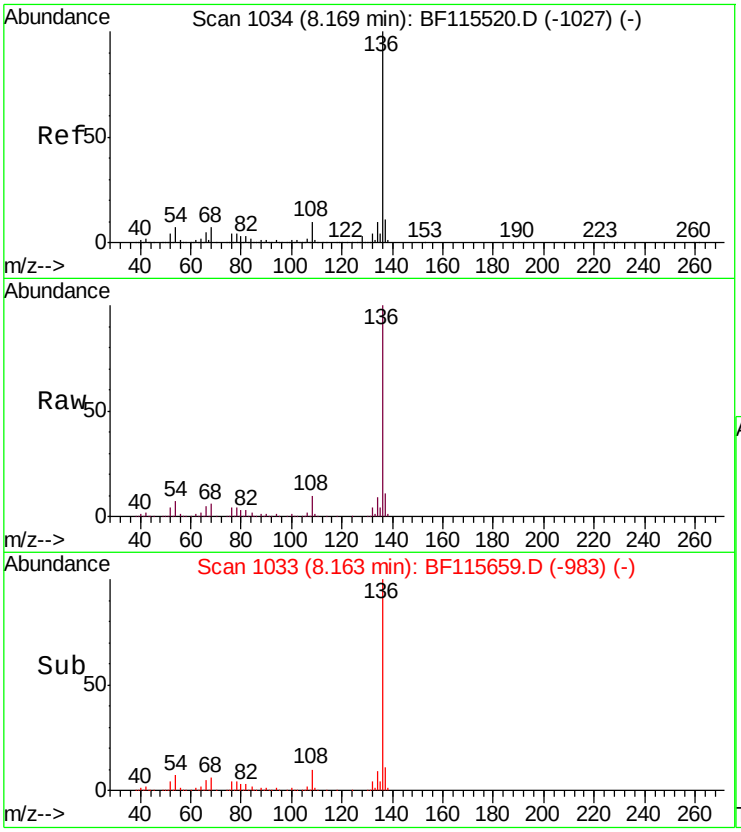


#19
n-Nitroso-di-n-propylamine
Concen: 6.183 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.14 min
Lab File: BF115659.D
Acq: 18 Jul 2019 22:19

Tgt Ion: 70 Resp: 53246

Ion	Ratio	Lower	Upper
70	100		
42	40.1	39.6	59.4
101	0.0	8.1	12.1#
130	2.1	18.2	27.2#



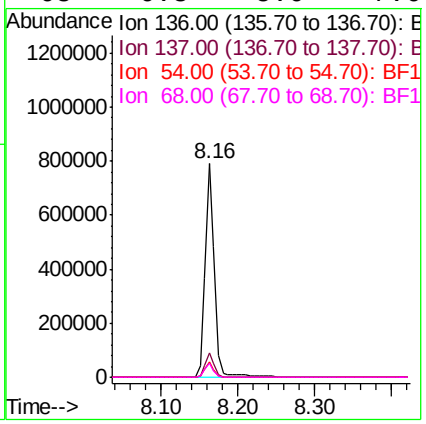


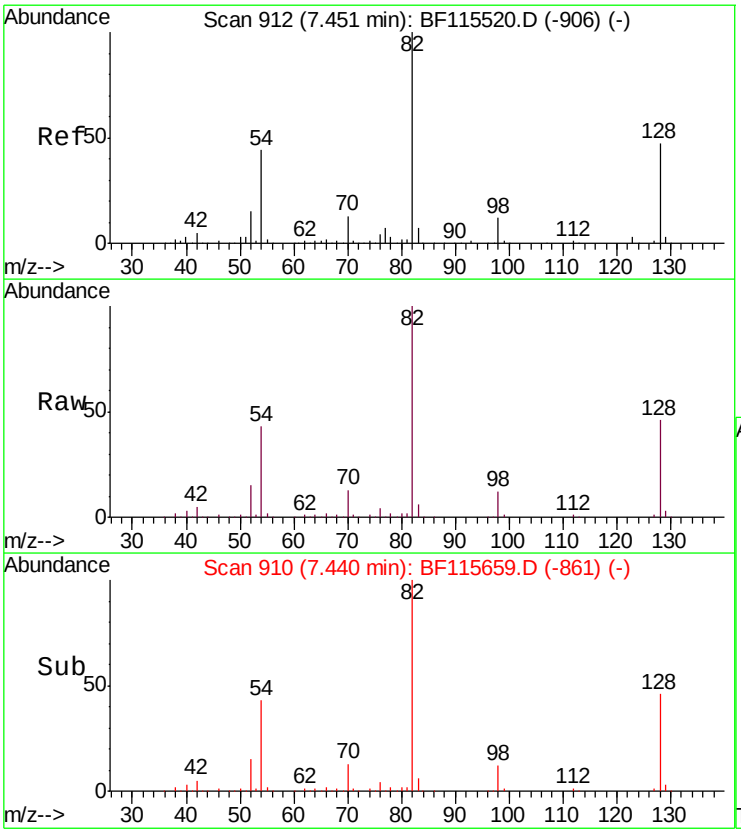
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF115659.D
Acq: 18 Jul 2019 22:19

Instrument :
BNA_F
ClientSampleId :
HJDC-GRABC

Tgt Ion:136 Resp: 658039

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	7.0	5.6	8.4
68	6.3	5.0	7.6

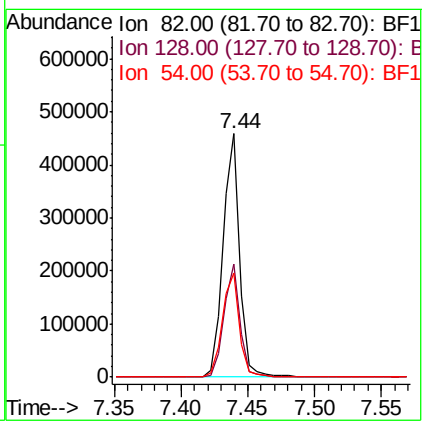


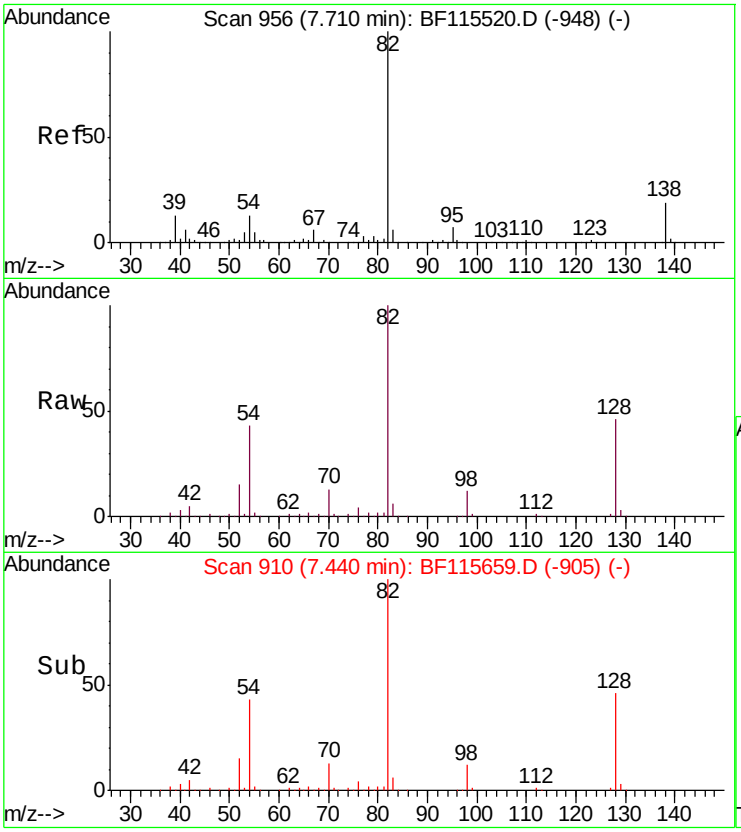


#23
Nitrobenzene-d5
Concen: 35.589 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF115659.D
Acq: 18 Jul 2019 22:19

Tgt Ion: 82 Resp: 402752

Ion	Ratio	Lower	Upper
82	100		
128	46.2	38.6	57.8
54	42.9	35.6	53.4



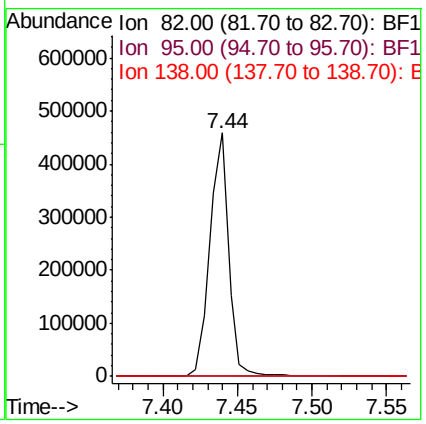


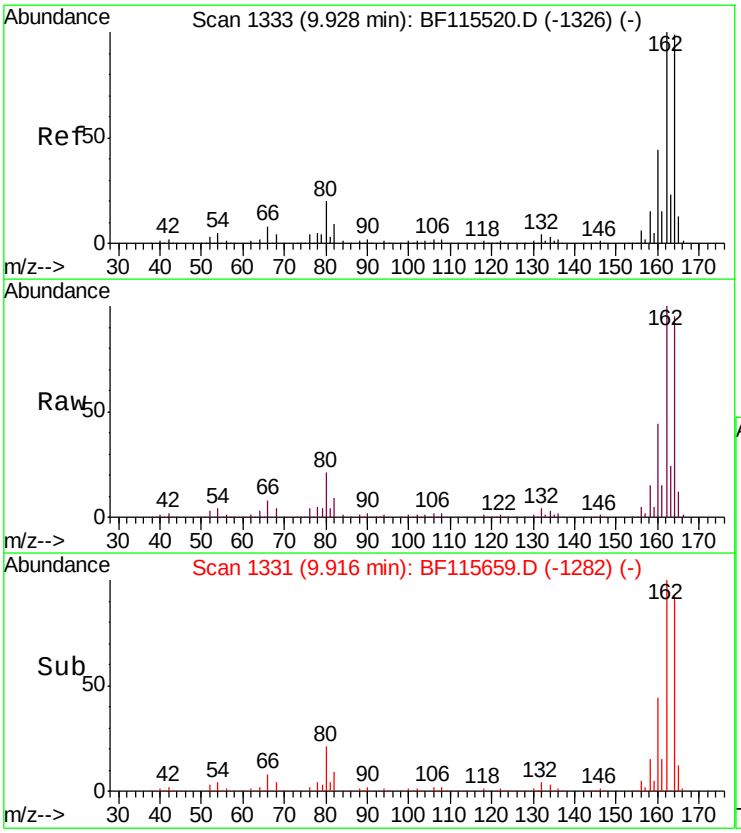
#25
Isophorone
Concen: 17.612 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.27 min
Lab File: BF115659.D
Acq: 18 Jul 2019 22:19

Instrument :
BNA_F
ClientSampleId :
HJDC-GRABC

Tgt Ion: 82 Resp: 398832

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.5	8.3#
138	0.0	14.9	22.3#

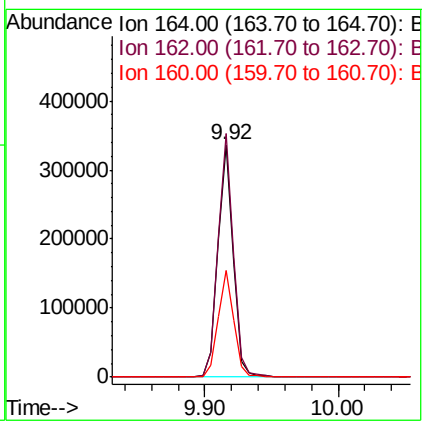


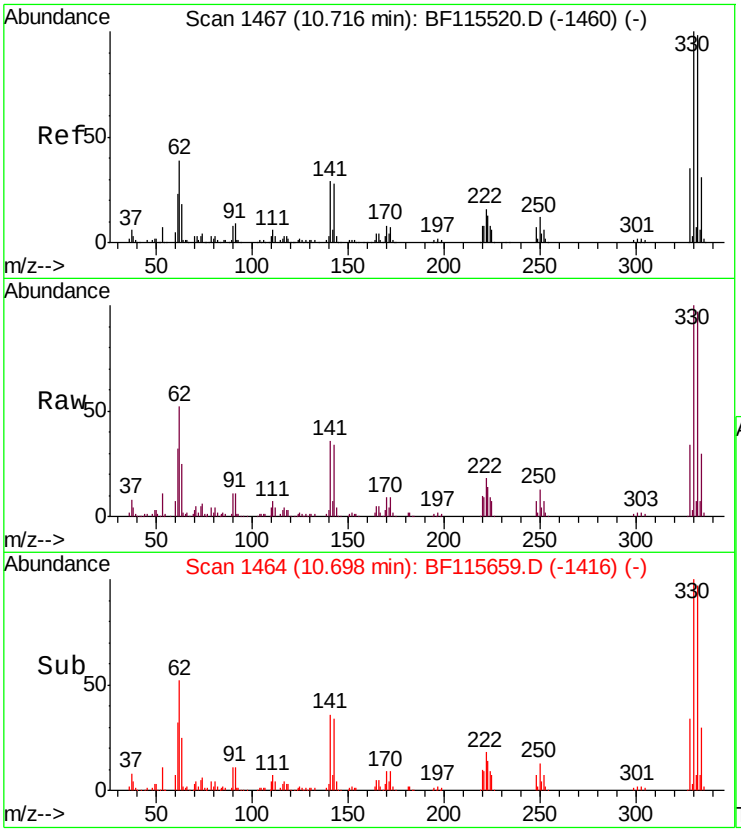


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF115659.D
Acq: 18 Jul 2019 22:19

Tgt Ion:164 Resp: 273817

Ion	Ratio	Lower	Upper
164	100		
162	104.9	82.9	124.3
160	45.9	36.8	55.2



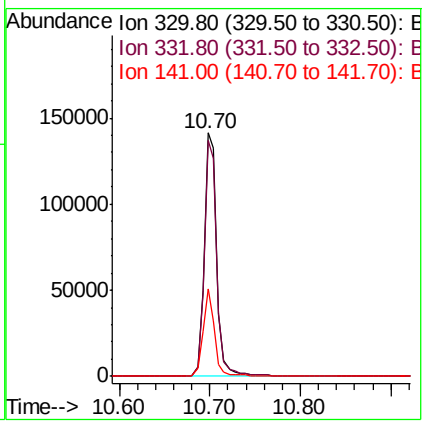


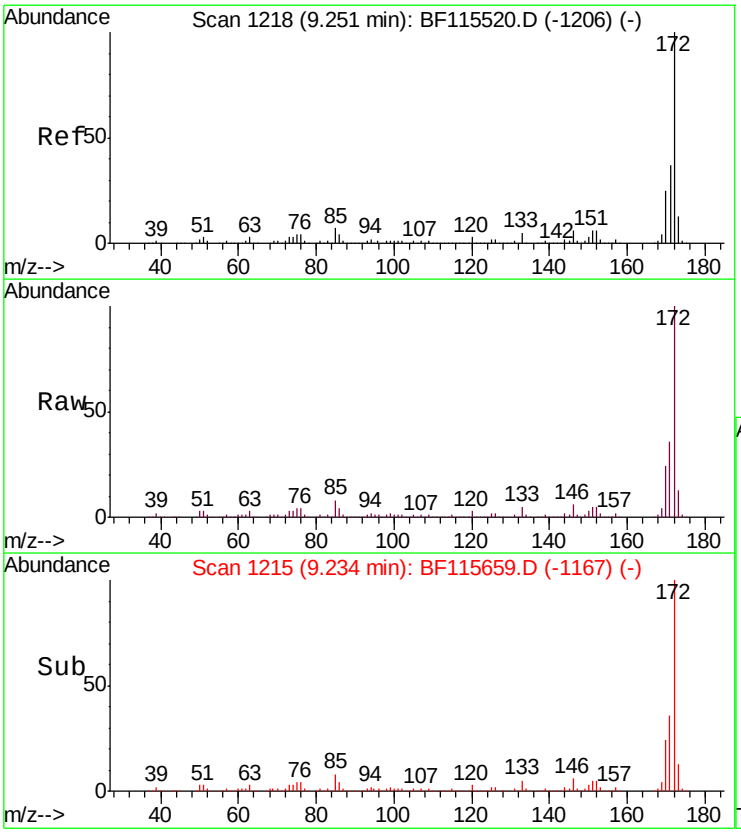
#42
2,4,6-Tribromophenol
Concen: 43.275 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.02 min
Lab File: BF115659.D
Acq: 18 Jul 2019 22:19

Instrument :
BNA_F
ClientSampleId :
HJDC-GRABC

Tgt Ion:330 Resp: 138312

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.4	116.2
141	33.0	22.4	33.6

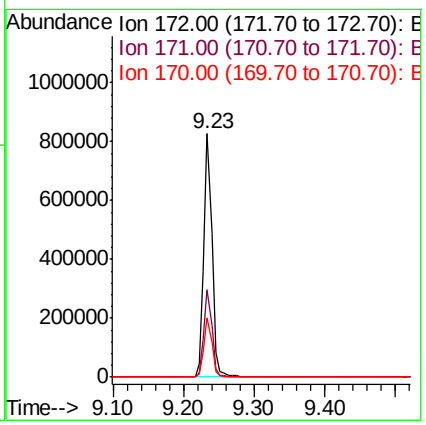


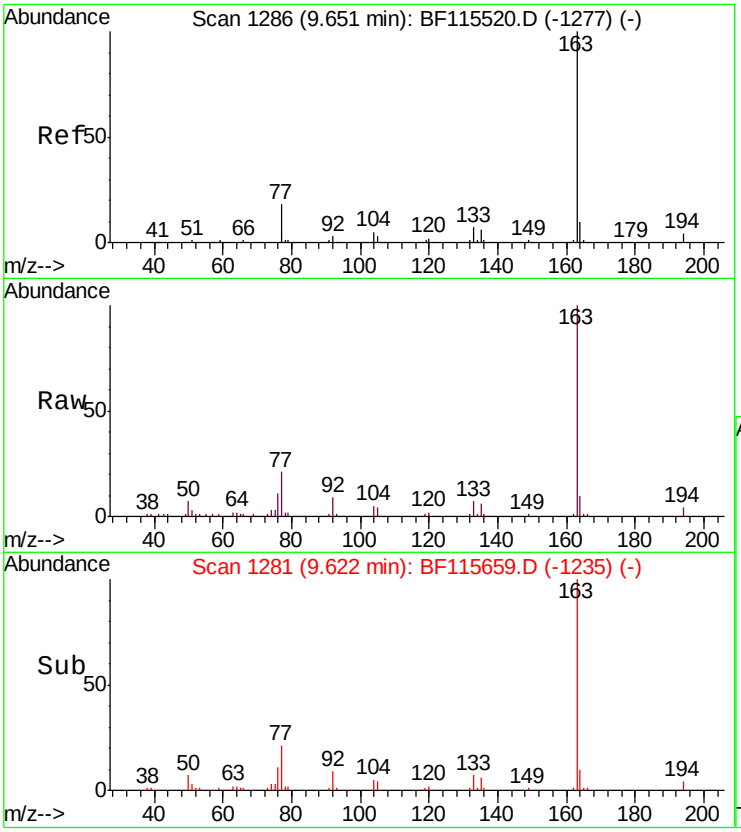


#45
2-Fluorobiphenyl
Concen: 42.401 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.02 min
Lab File: BF115659.D
Acq: 18 Jul 2019 22:19

Tgt Ion:172 Resp: 663325

Ion	Ratio	Lower	Upper
172	100		
171	36.1	30.6	46.0
170	24.3	20.5	30.7



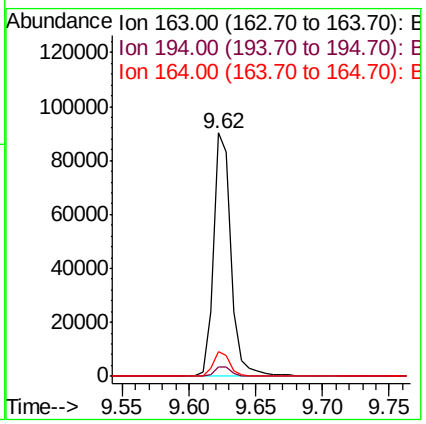


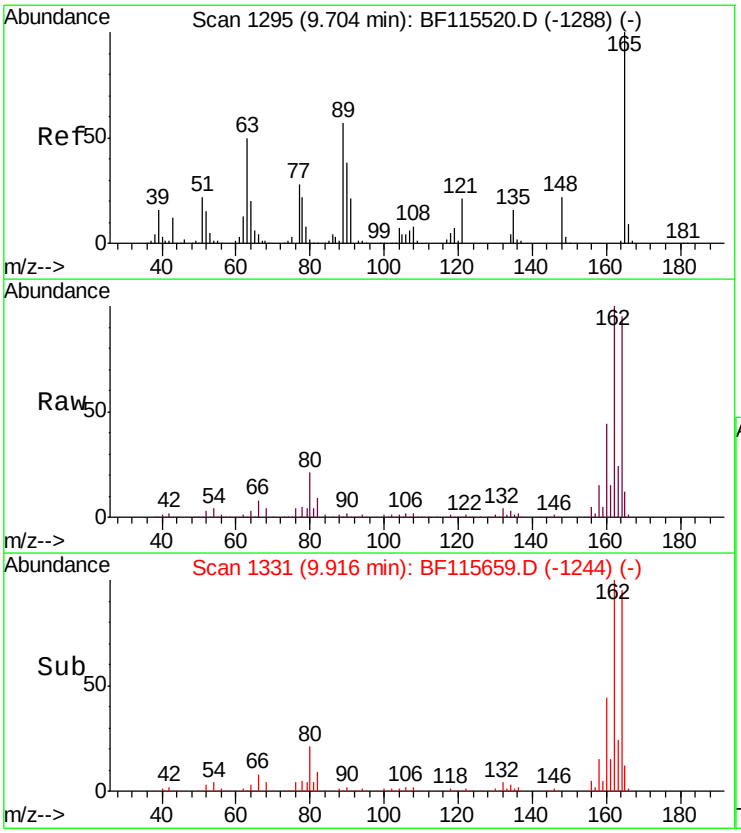
#50
Dimethylphthalate
Concen: 4.072 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.03 min
Lab File: BF115659.D
Acq: 18 Jul 2019 22:19

Instrument :
BNA_F
ClientSampleId :
HJDC-GRABC

Tgt Ion:163 Resp: 83881

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	9.9	8.7	13.1

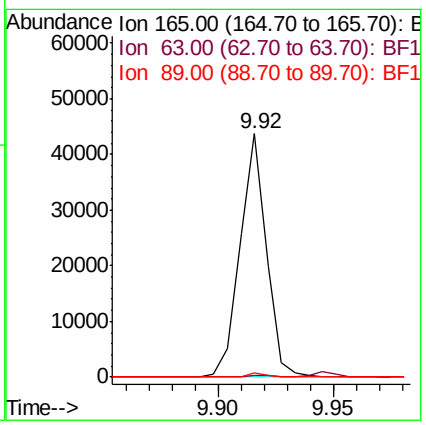


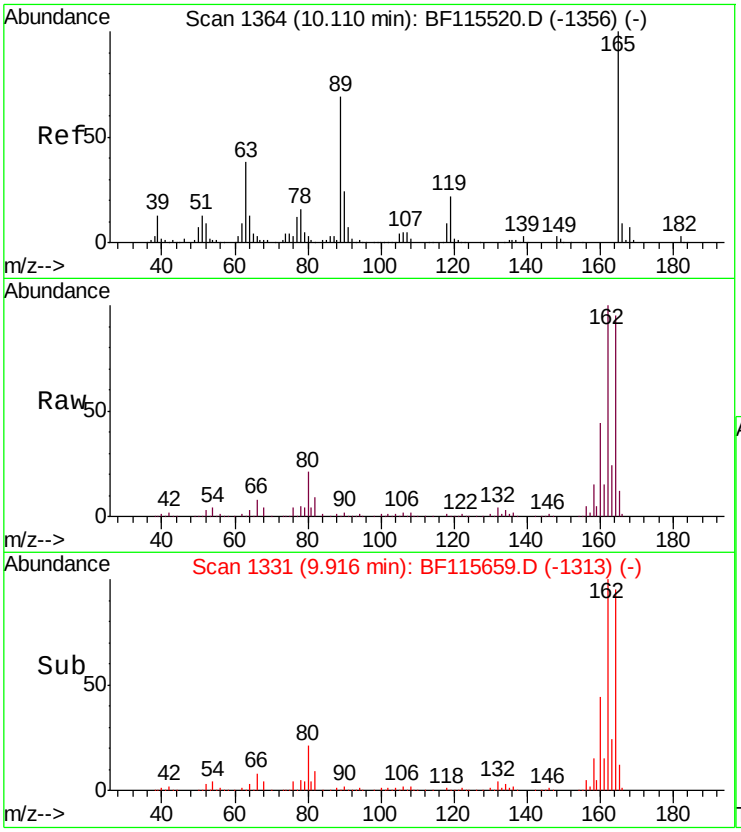


#51
2,6-Dinitrotoluene
Concen: 7.472 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.21 min
Lab File: BF115659.D
Acq: 18 Jul 2019 22:19

Tgt Ion:165 Resp: 34984

Ion	Ratio	Lower	Upper
165	100		
63	0.9	40.6	61.0#
89	1.6	43.9	65.9#



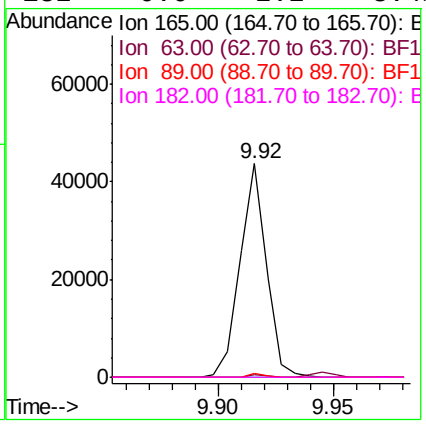


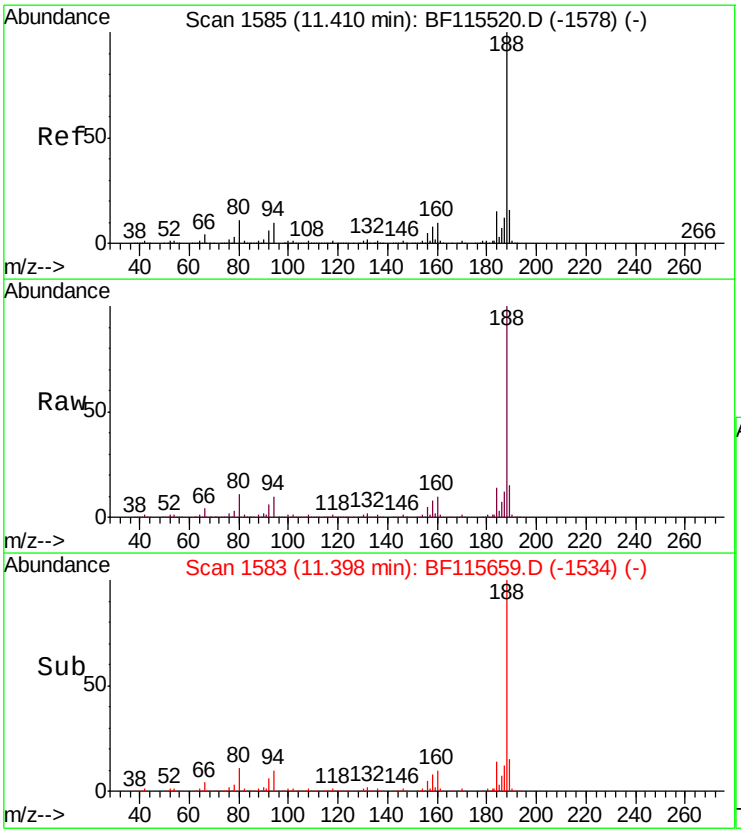
#57
2,4-Dinitrotoluene
Concen: 5.768 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF115659.D
Acq: 18 Jul 2019 22:19

Instrument :
BNA_F
ClientSampleId :
HJDC-GRABC

Tgt Ion:165 Resp: 34984

Ion	Ratio	Lower	Upper
165	100		
63	0.9	34.9	52.3#
89	1.6	57.5	86.3#
182	0.0	2.2	3.4#

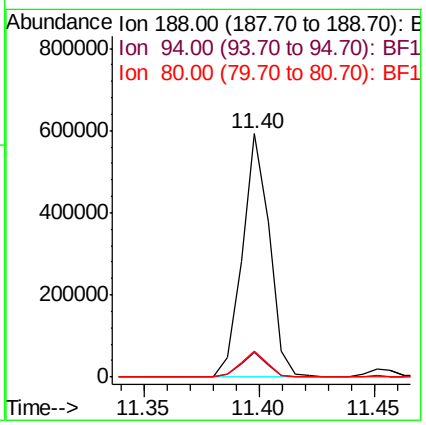


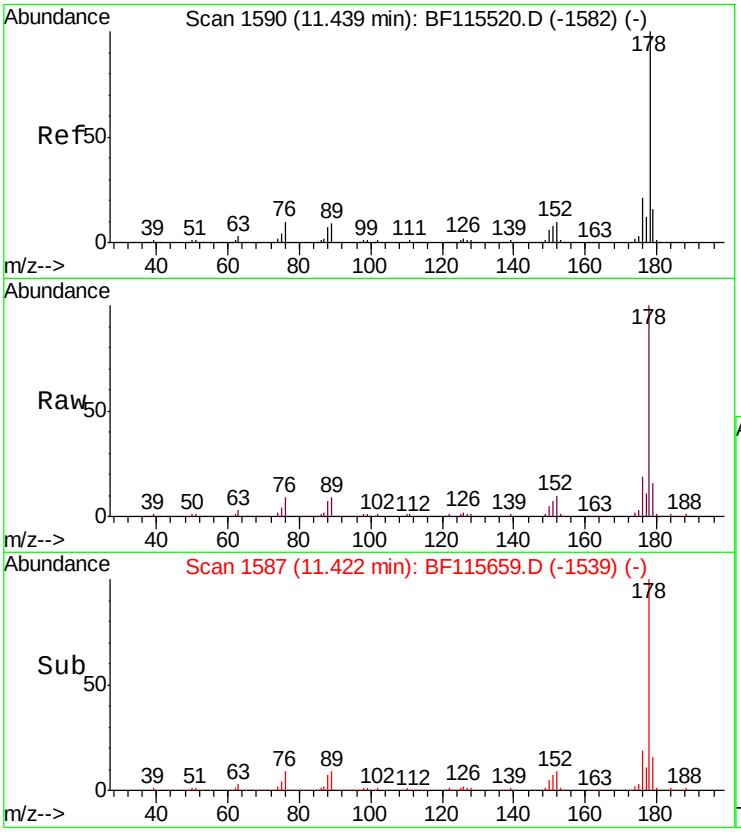


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF115659.D
Acq: 18 Jul 2019 22:19

Tgt Ion:188 Resp: 486506

Ion	Ratio	Lower	Upper
188	100		
94	10.1	7.8	11.6
80	10.8	8.6	13.0



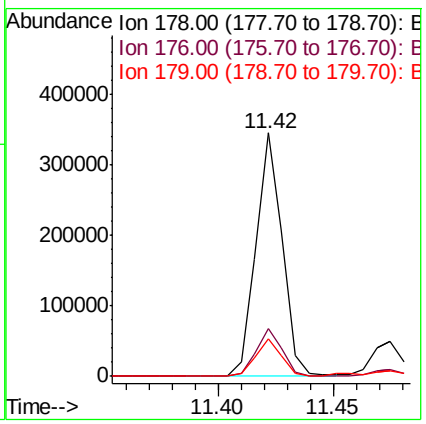


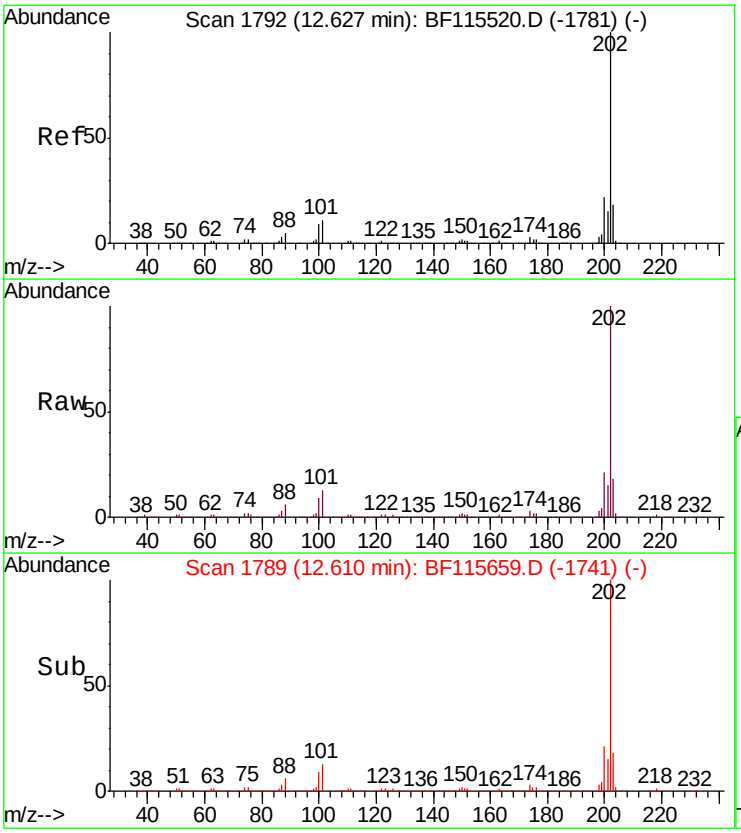
#71
Phenanthrene
Concen: 11.019 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.02 min
Lab File: BF115659.D
Acq: 18 Jul 2019 22:19

Instrument :
BNA_F
ClientSampleId :
HJDC-GRABC

Tgt Ion:178 Resp: 274790

Ion	Ratio	Lower	Upper
178	100		
176	19.4	17.2	25.8
179	15.6	13.5	20.3

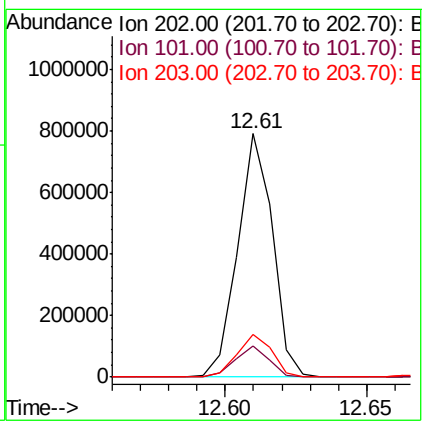


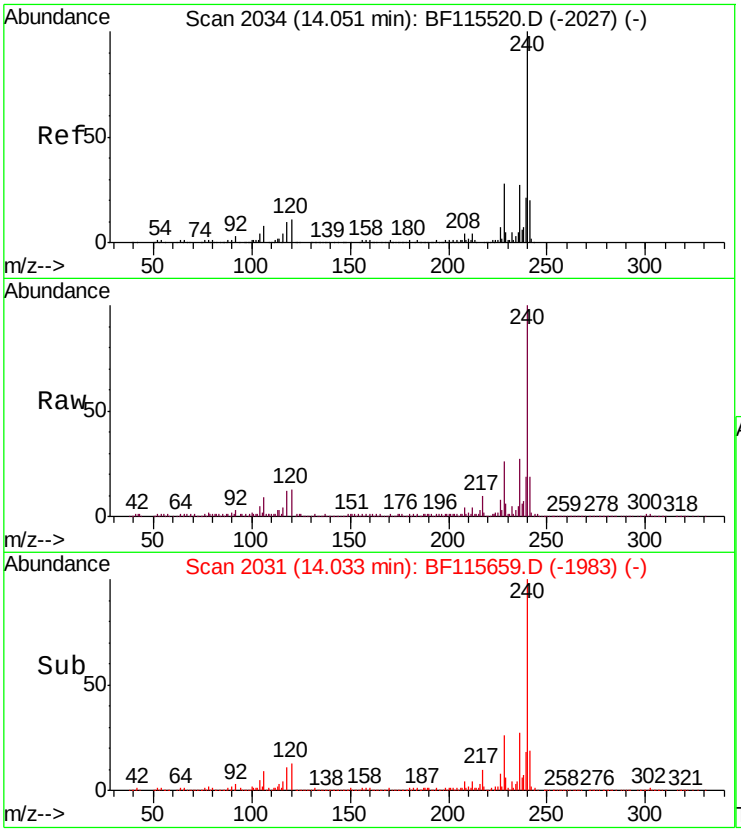


#75
Fluoranthene
Concen: 25.652 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.02 min
Lab File: BF115659.D
Acq: 18 Jul 2019 22:19

Tgt Ion:202 Resp: 676005

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	31.4
203	17.6	0.0	38.1



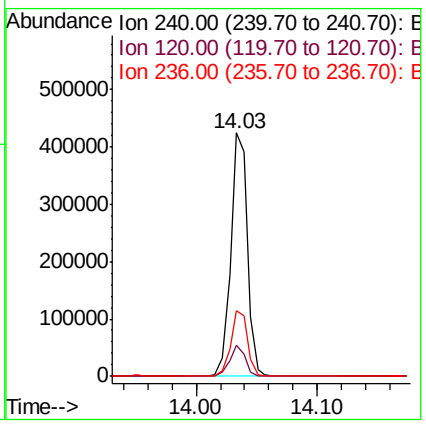


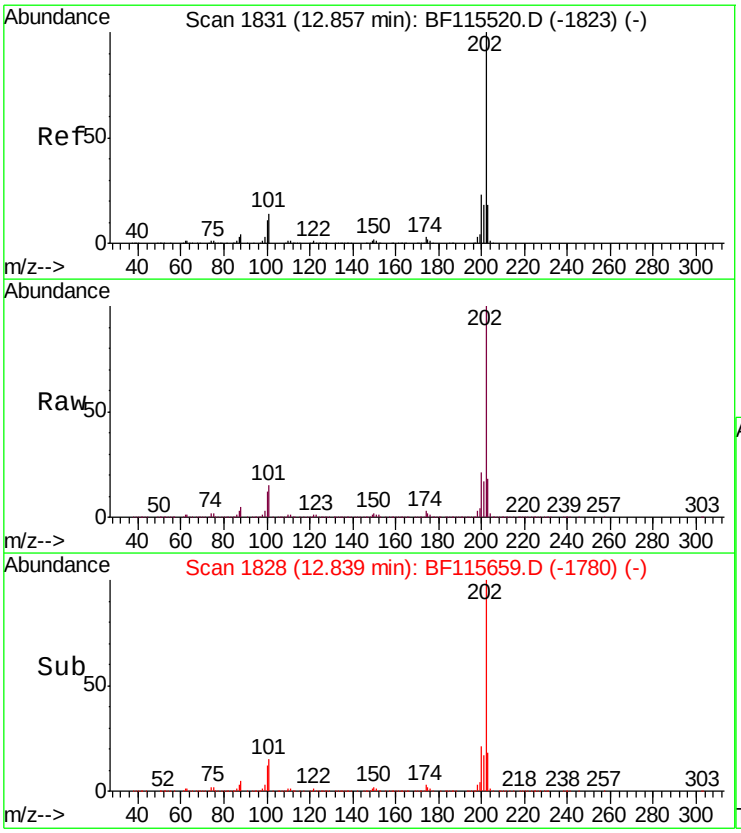
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.02 min
Lab File: BF115659.D
Acq: 18 Jul 2019 22:19

Instrument :
BNA_F
ClientSampleId :
HJDC-GRABC

Tgt Ion:240 Resp: 404797

Ion	Ratio	Lower	Upper
240	100		
120	13.0	8.6	13.0#
236	27.0	21.3	31.9

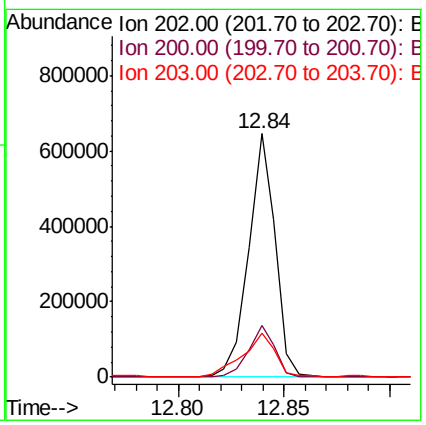


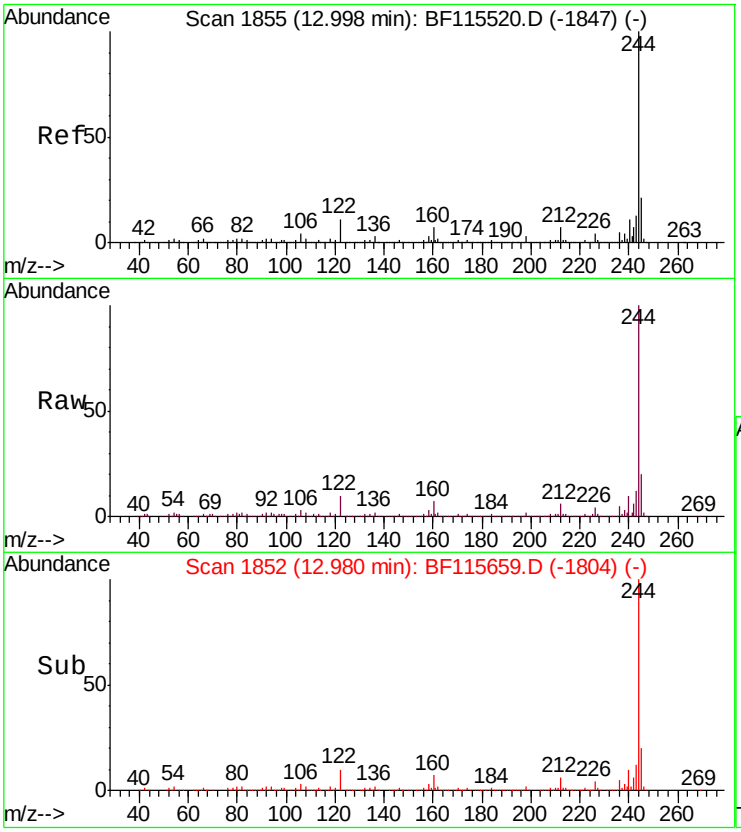


#78
Pyrene
Concen: 16.424 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.02 min
Lab File: BF115659.D
Acq: 18 Jul 2019 22:19

Tgt Ion:202 Resp: 563271

Ion	Ratio	Lower	Upper
202	100		
200	21.3	18.7	28.1
203	17.8	15.2	22.8



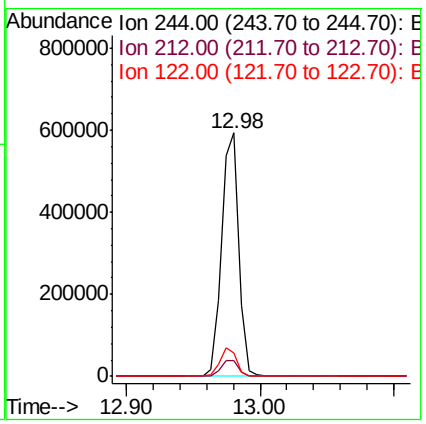


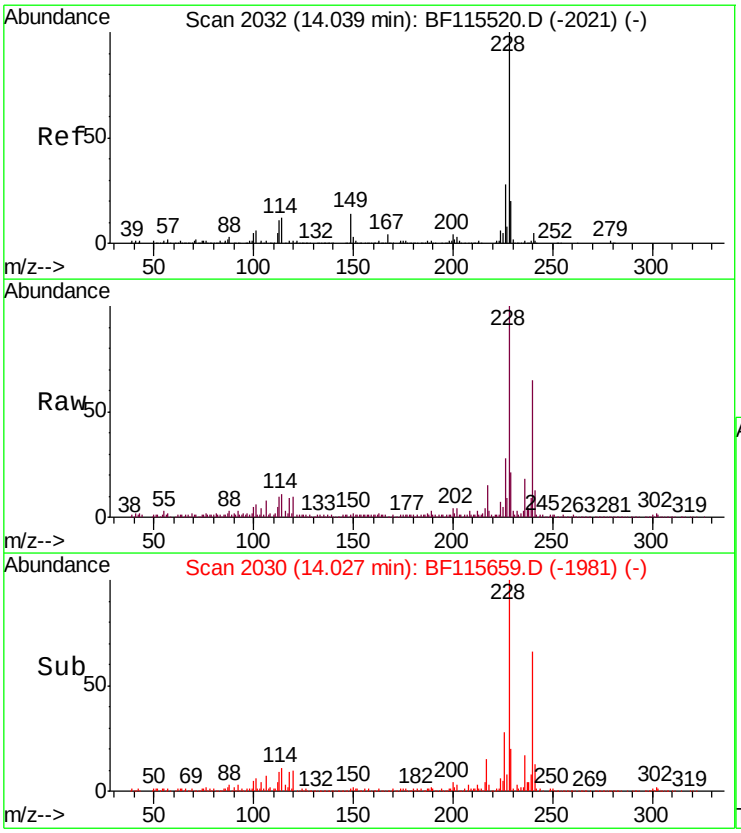
#79
Terphenyl-d14
Concen: 24.631 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.02 min
Lab File: BF115659.D
Acq: 18 Jul 2019 22:19

Instrument :
BNA_F
ClientSampleId :
HJDC-GRABC

Tgt Ion:244 Resp: 540367

Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.0	9.0
122	9.8	8.6	12.8

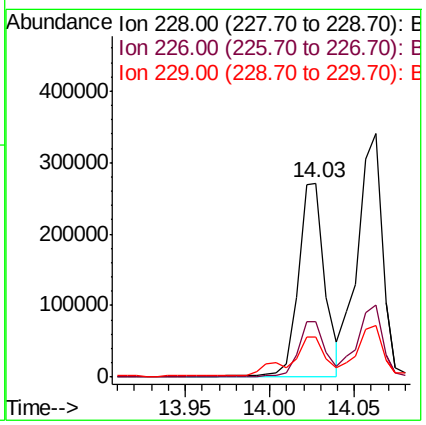


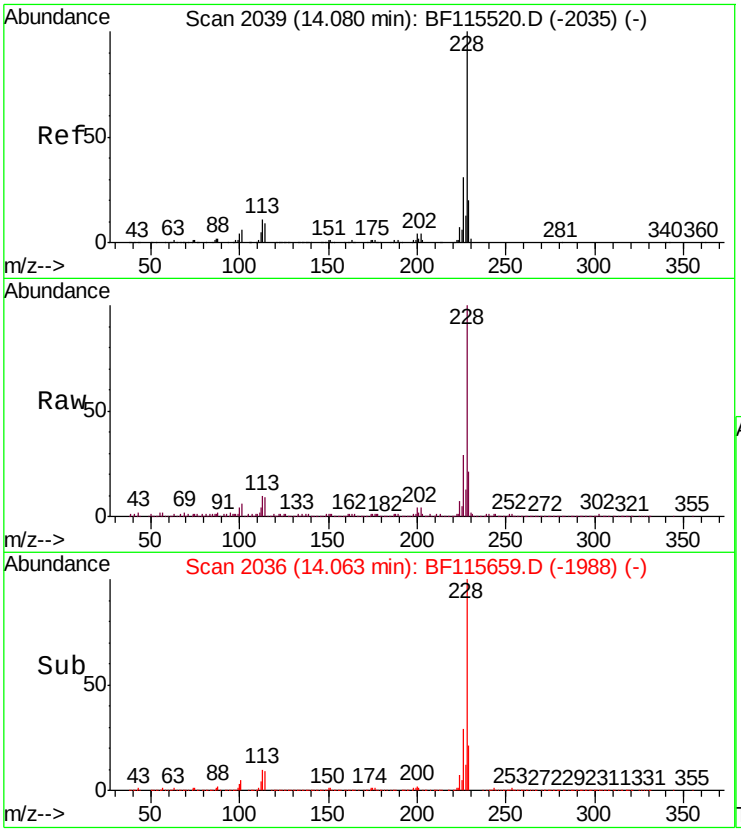


#81
Benzo(a)anthracene
Concen: 11.128 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF115659.D
Acq: 18 Jul 2019 22:19

Tgt Ion:228 Resp: 296764

Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.4	35.0
229	20.9	17.2	25.8



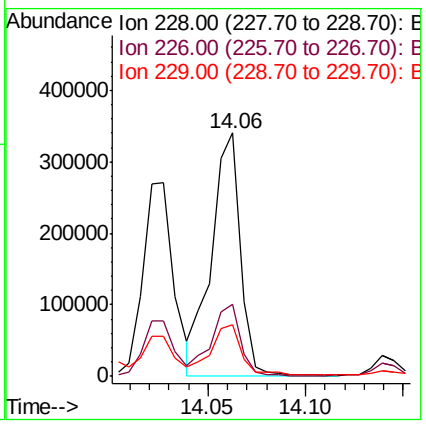


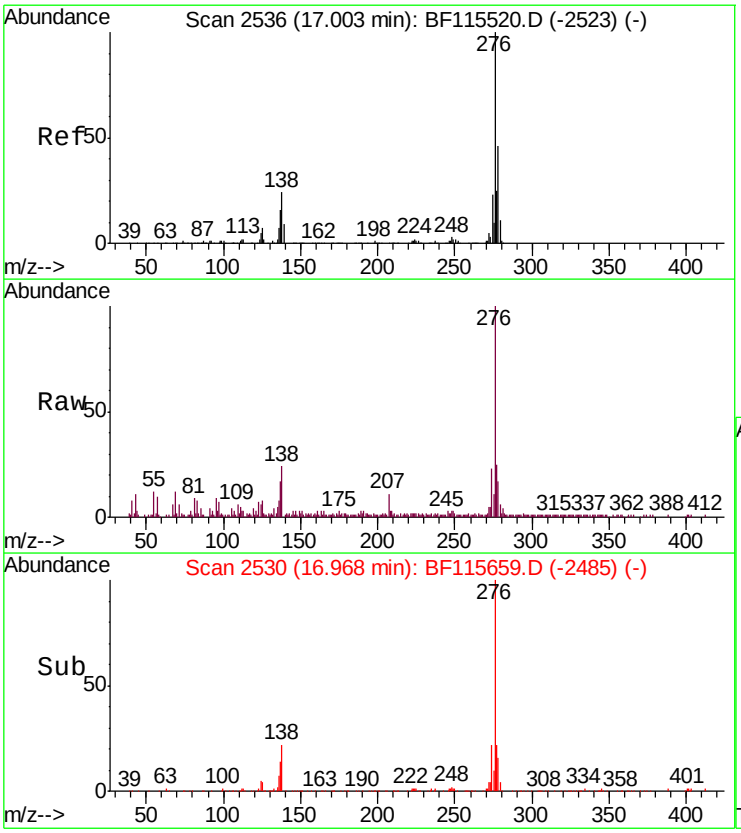
#83
Chrysene
Concen: 13.019 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.02 min
Lab File: BF115659.D
Acq: 18 Jul 2019 22:19

Instrument :
BNA_F
ClientSampleId :
HJDC-GRABC

Tgt Ion:228 Resp: 348541

Ion	Ratio	Lower	Upper
228	100		
226	29.4	25.7	38.5
229	21.4	16.6	25.0

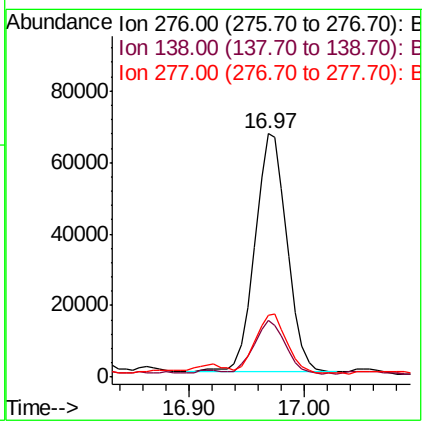


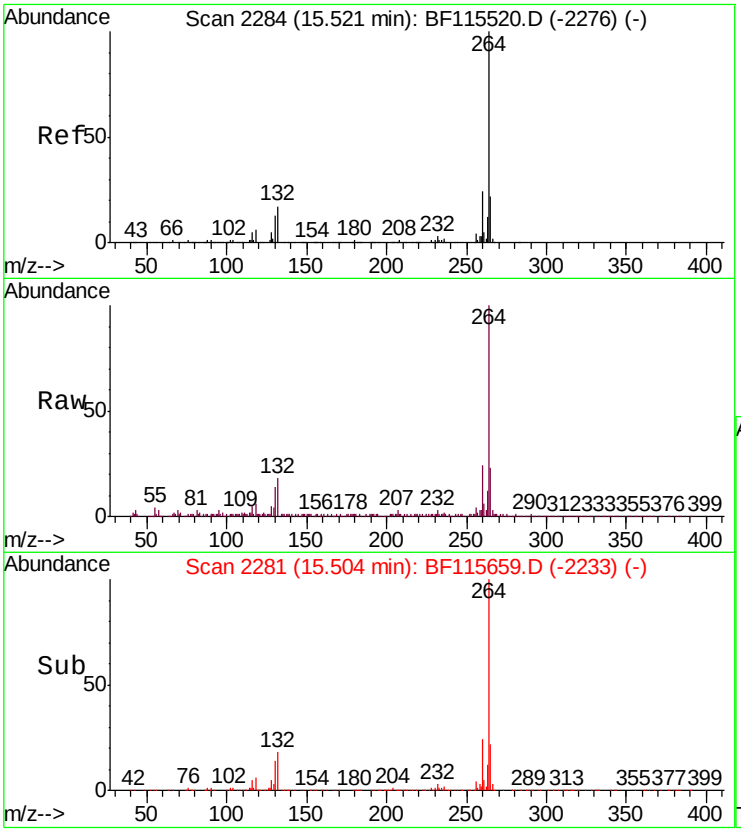


#86
Indeno(1,2,3-cd)pyrene
Concen: 5.663 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.04 min
Lab File: BF115659.D
Acq: 18 Jul 2019 22:19

Tgt Ion:276 Resp: 128810

Ion	Ratio	Lower	Upper
276	100		
138	22.2	20.2	30.2
277	24.3	20.4	30.6



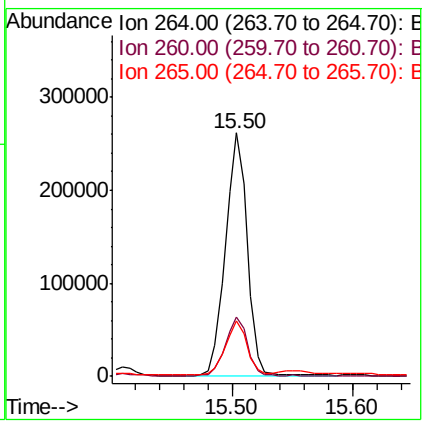


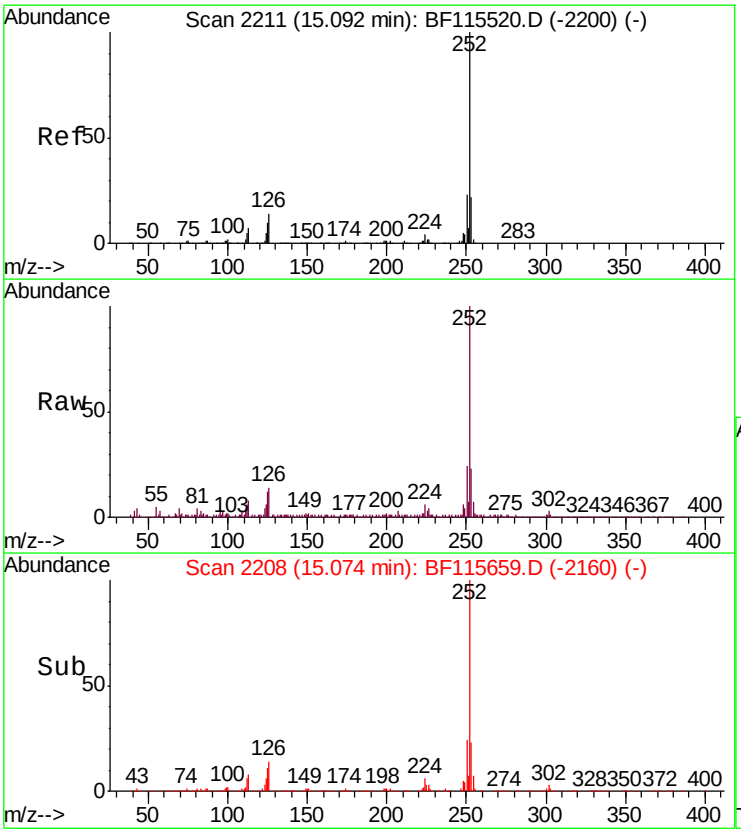
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.02 min
Lab File: BF115659.D
Acq: 18 Jul 2019 22:19

Instrument :
BNA_F
ClientSampleId :
HJDC-GRABC

Tgt Ion:264 Resp: 325179

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.8	29.8
265	22.7	17.7	26.5

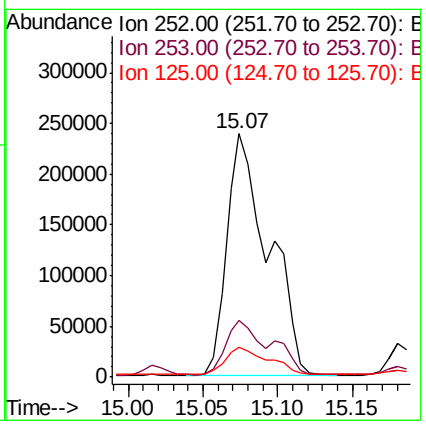


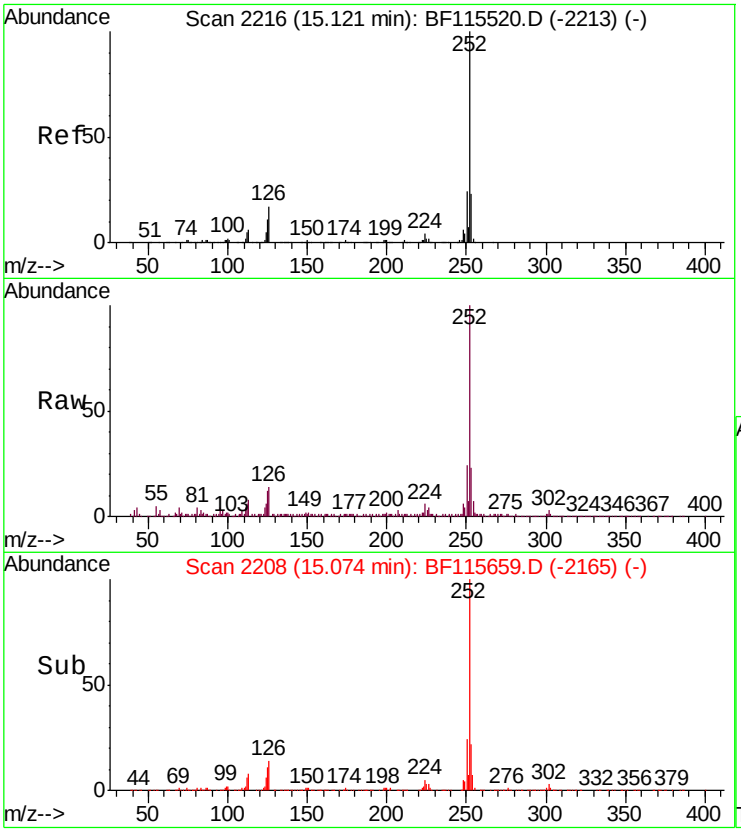


#88
Benzo(b)fluoranthene
Concen: 22.252 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BF115659.D
Acq: 18 Jul 2019 22:19

Tgt Ion:252 Resp: 465931

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.1	27.1
125	12.3	9.0	13.4



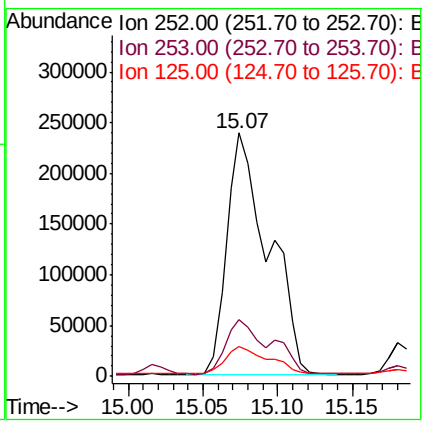


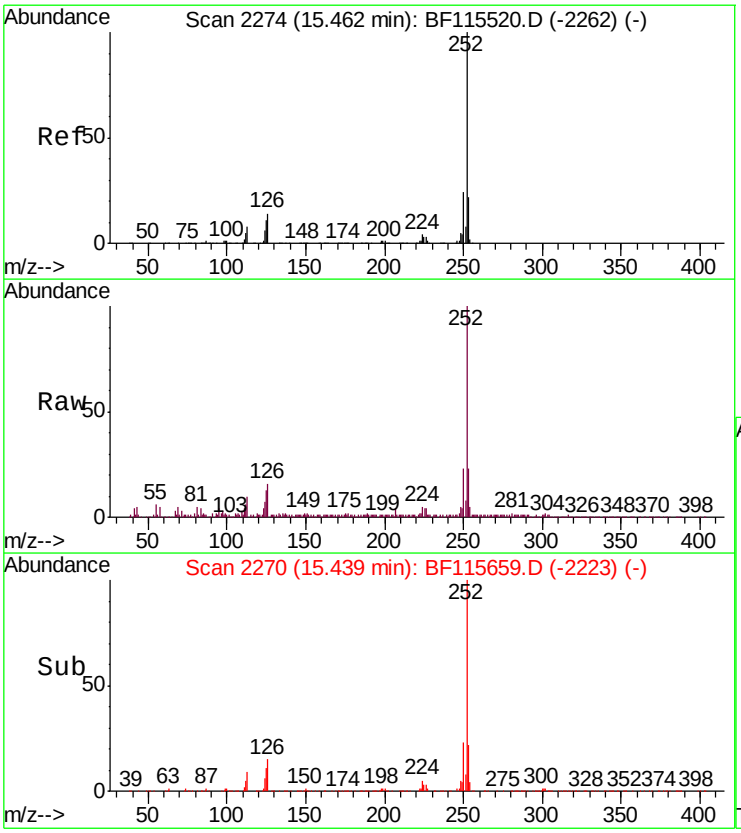
#89
Benzo(k)fluoranthene
Concen: 24.959 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.05 min
Lab File: BF115659.D
Acq: 18 Jul 2019 22:19

Instrument :
BNA_F
ClientSampleId :
HJDC-GRABC

Tgt Ion:252 Resp: 465931

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.6	28.0
125	12.3	9.0	13.6

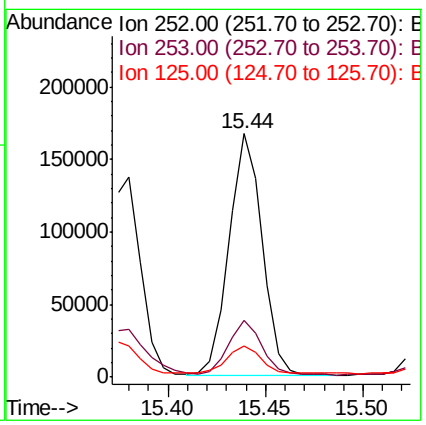


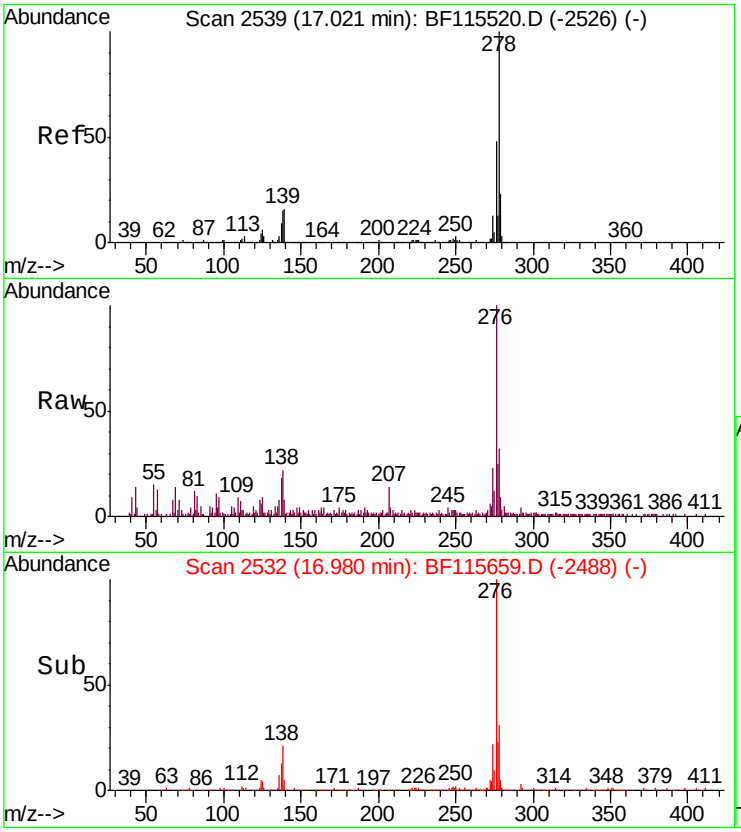


#90
Benzo(a)pyrene
Concen: 10.863 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.02 min
Lab File: BF115659.D
Acq: 18 Jul 2019 22:19

Tgt Ion:252 Resp: 195499

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.6
125	12.8	9.1	13.7



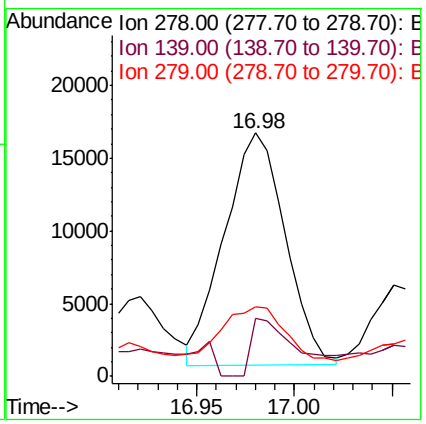


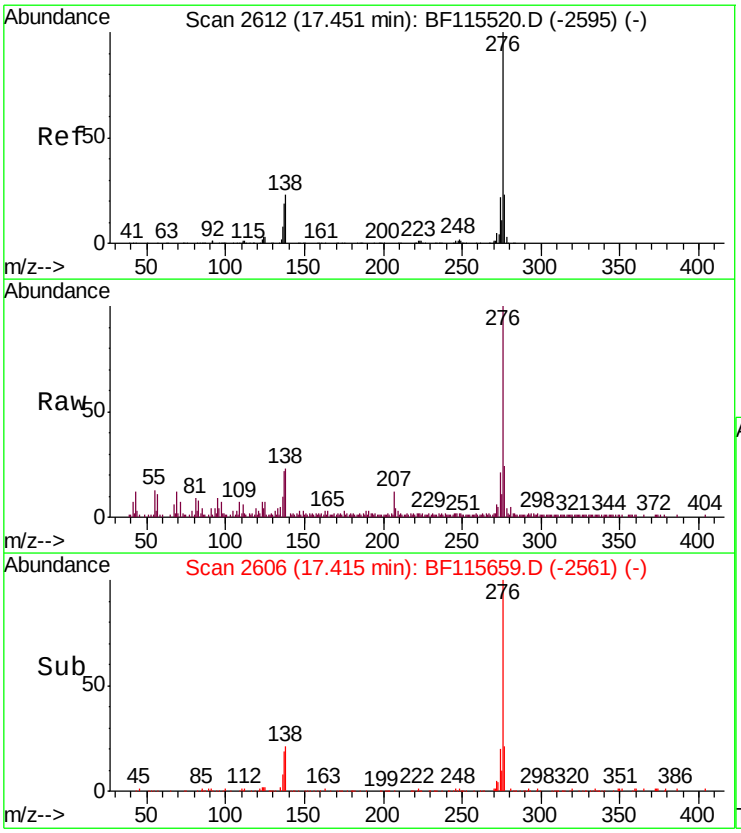
#91
Dibenzo(a,h)anthracene
Concen: 2.192 ng
RT: 16.98 min Scan# 2532
Delta R.T. -0.04 min
Lab File: BF115659.D
Acq: 18 Jul 2019 22:19

Instrument :
BNA_F
ClientSampleId :
HJDC-GRABC

Tgt Ion:278 Resp: 34636

Ion	Ratio	Lower	Upper
278	100		
139	23.8	13.1	19.7#
279	28.8	19.6	29.4





#92
Benzo(g,h,i)perylene
Concen: 7.964 ng
RT: 17.42 min Scan# 2606
Delta R.T. -0.04 min
Lab File: BF115659.D
Acq: 18 Jul 2019 22:19

Tgt Ion:276 Resp: 125484

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.0	28.4
138	23.2	17.2	25.8