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

Quantitation Report (Not Reviewed)

Data File : BF115662.D
Acq On : 18 Jul 2019 23:39
Operator : HP/JU
Sample : K3874-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HJDC-GRABA

Quant Time: Jul 19 07:42:50 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	6.89	152	137339	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	512722	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	221266	20.00	ng		-0.01
64) Phenanthrene-d10	11.40	188	373450	20.00	ng		-0.01
76) Chrysene-d12	14.03	240	321390	20.00	ng		-0.02
87) Perylene-d12	15.50	264	279318	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	785626	93.57	ng		0.00
7) Phenol-d6	6.52	99	987173	92.66	ng		0.00
23) Nitrobenzene-d5	7.44	82	604945	68.61	ng		-0.01
42) 2,4,6-Tribromophenol	10.70	330	218159	84.47	ng		-0.01
45) 2-Fluorobiphenyl	9.24	172	956268	75.64	ng		-0.01
79) Terphenyl-d14	12.98	244	849278	48.76	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.44	70	79514	11.444	ng	#	78
25) Isophorone	7.44	82	601839	34.109	ng	#	64
50) Dimethylphthalate	9.63	163	171052	10.275	ng		97
57) 2,4-Dinitrotoluene	9.92	165	29221	5.962	ng	#	24
67) 4-Bromophenyl-phenylether	10.70	248	13270	3.109	ng	#	1
71) Phenanthrene	11.42	178	341258	17.827	ng		97
72) Anthracene	11.47	178	84939	4.293	ng		97
75) Fluoranthene	12.61	202	542716	26.829	ng		98
78) Pyrene	12.84	202	489649	17.982	ng		97
80) Butylbenzylphthalate	13.59	149	26479	2.281	ng	#	74
81) Benzo(a)anthracene	14.03	228	252466	11.924	ng		99
83) Chrysene	14.06	228	233621	10.991	ng		97
86) Indeno(1,2,3-cd)pyrene	16.97	276	80032	4.432	ng		94
88) Benzo(b)fluoranthene	15.07	252	317489	17.652	ng		98
89) Benzo(k)fluoranthene	15.07	252	317489	19.799	ng		98
90) Benzo(a)pyrene	15.44	252	145832	9.434	ng		97
92) Benzo(g,h,i)perylene	17.42	276	71730	5.300	ng	#	94

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

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

Quantitation Report (Not Reviewed)

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Sample : K3874-01 2X
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Instrument : BNA_F
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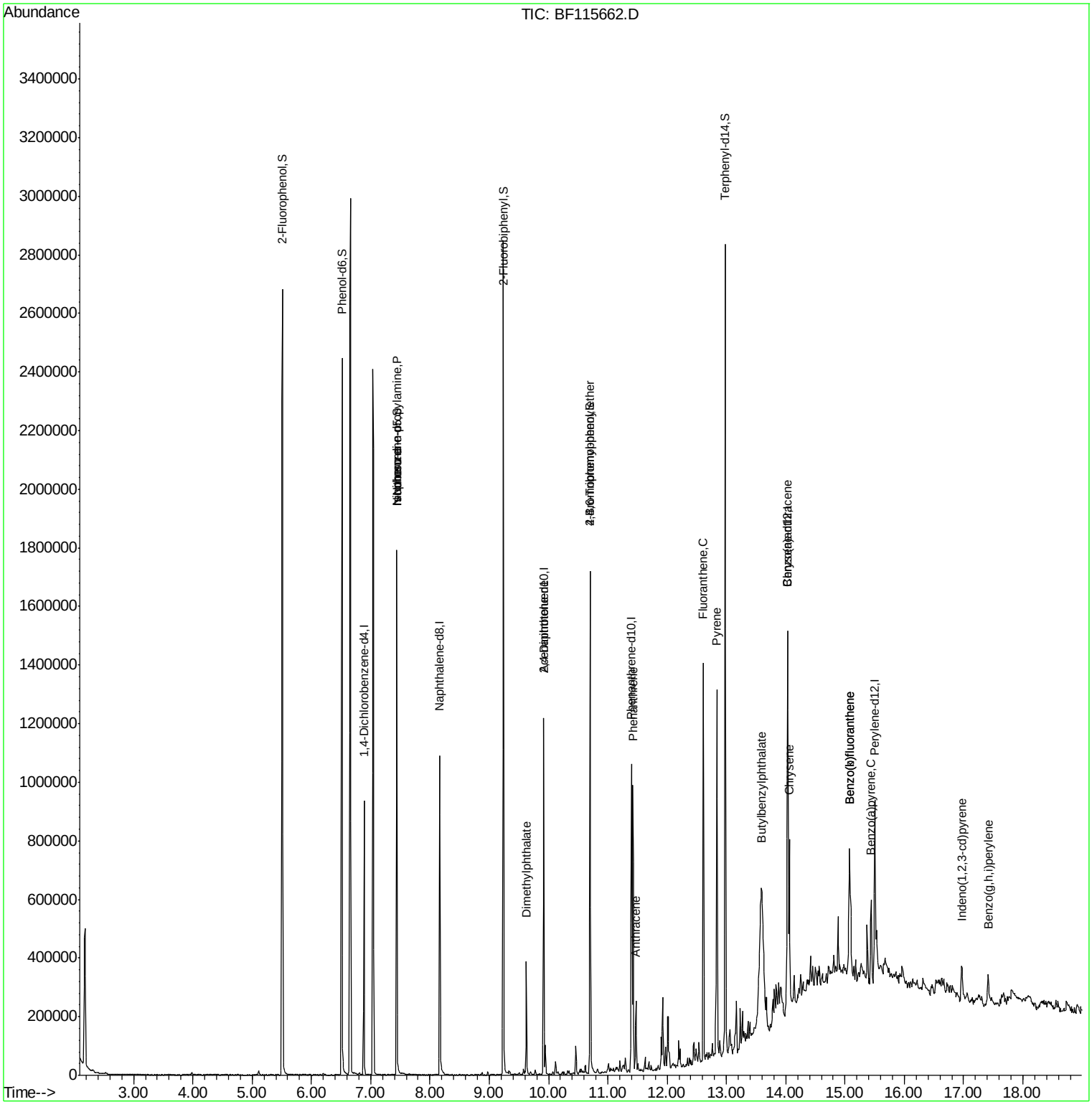
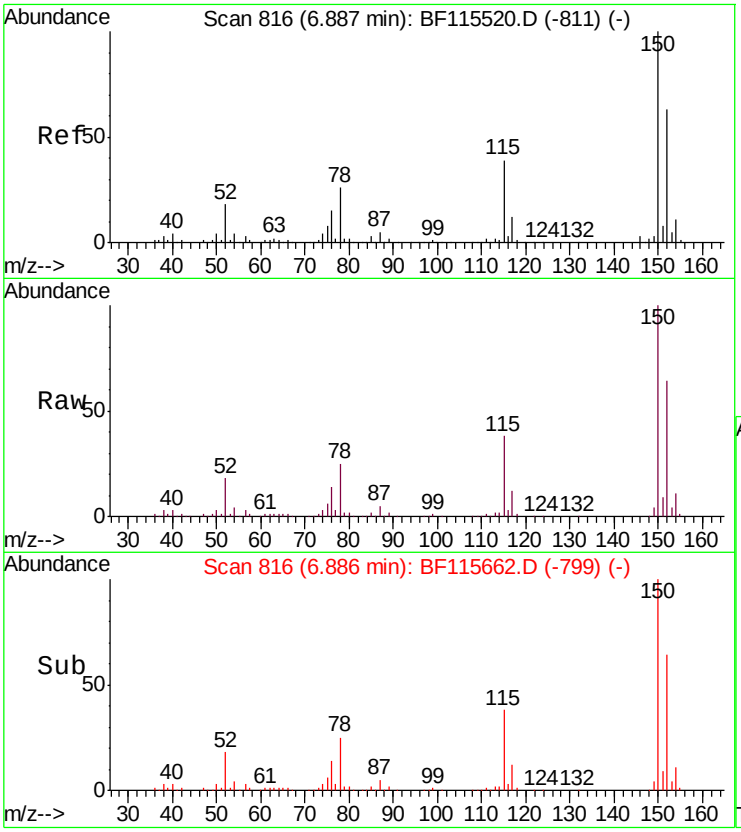
Quant Time: Jul 19 07:42:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration



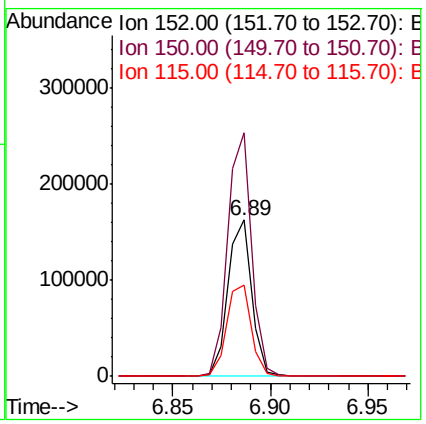


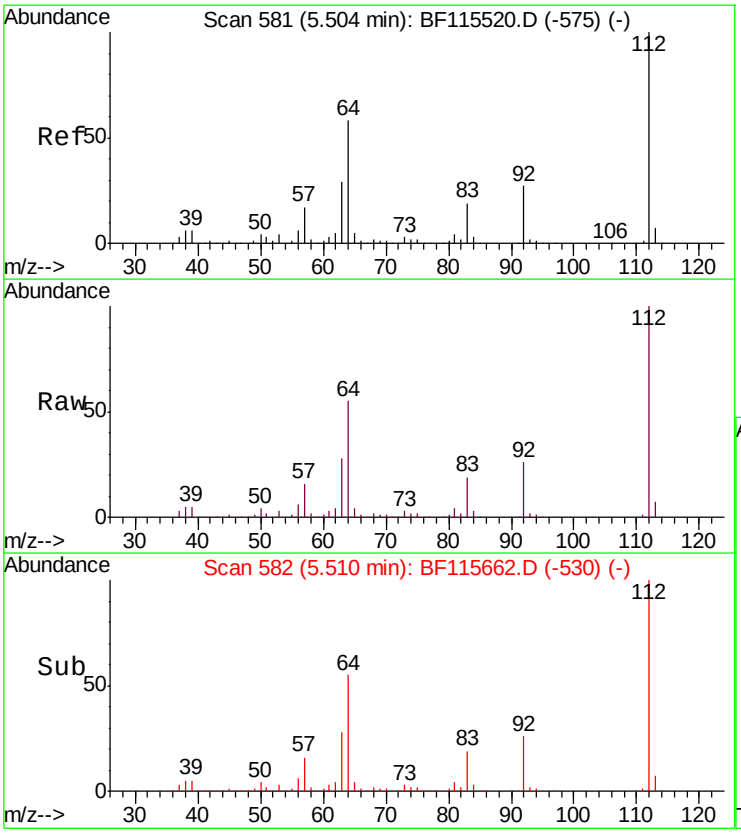
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF115662.D
Acq: 18 Jul 2019 23:39

Instrument :
BNA_F
ClientSampleId :
HJDC-GRABA

Tgt Ion:152 Resp: 137339

Ion	Ratio	Lower	Upper
152	100		
150	156.1	129.7	194.5
115	58.7	48.2	72.4

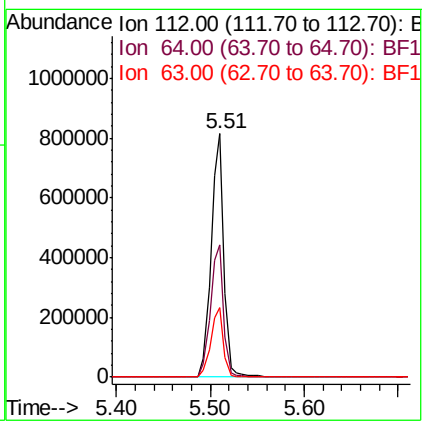


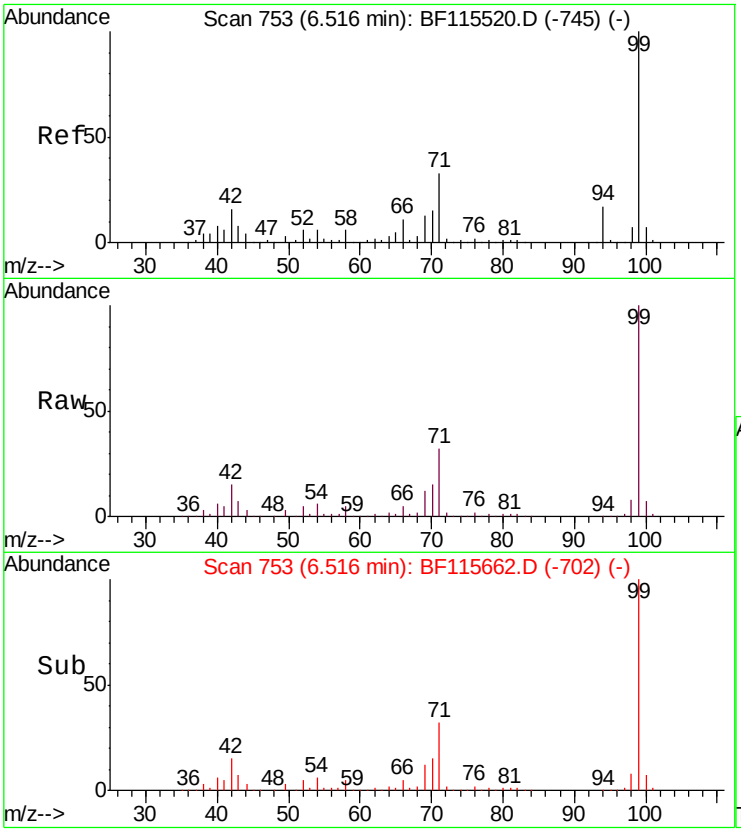


#5
2-Fluorophenol
Concen: 93.568 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF115662.D
Acq: 18 Jul 2019 23:39

Tgt Ion:112 Resp: 785626

Ion	Ratio	Lower	Upper
112	100		
64	54.5	46.8	70.2
63	28.3	24.1	36.1



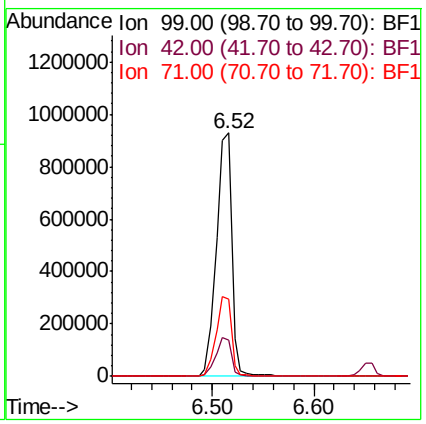


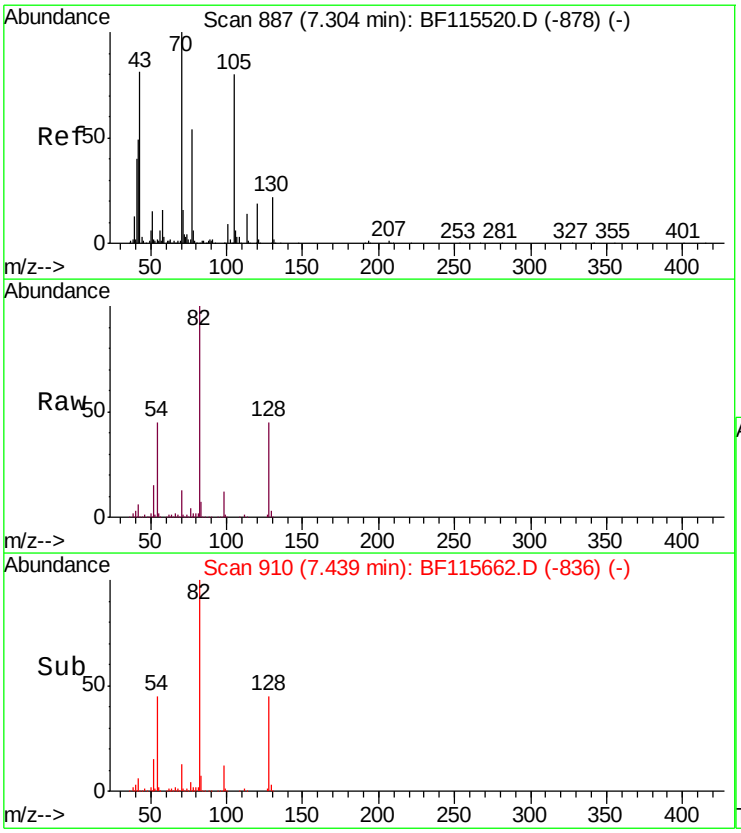
#7
Phenol-d6
Concen: 92.658 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.00 min
Lab File: BF115662.D
Acq: 18 Jul 2019 23:39

Instrument :
BNA_F
ClientSampleId :
HJDC-GRABA

Tgt Ion: 99 Resp: 987173

Ion	Ratio	Lower	Upper
99	100		
42	15.1	13.6	20.4
71	31.9	28.5	42.7

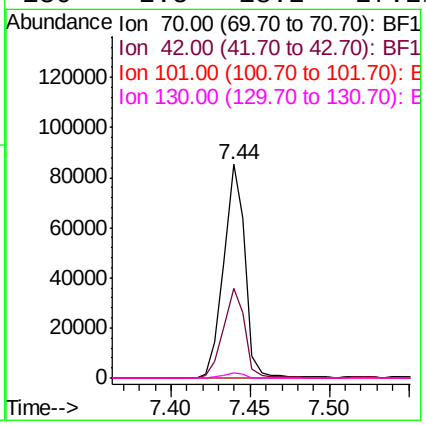


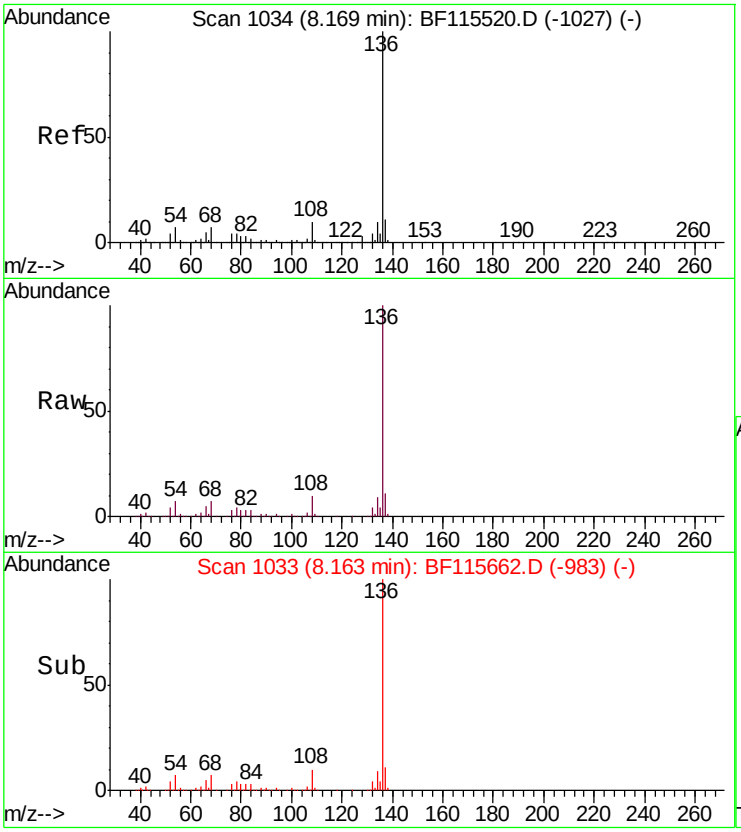


#19
n-Nitroso-di-n-propylamine
Concen: 11.444 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.14 min
Lab File: BF115662.D
Acq: 18 Jul 2019 23:39

Tgt Ion: 70 Resp: 79514

Ion	Ratio	Lower	Upper
70	100		
42	41.9	39.6	59.4
101	0.0	8.1	12.1#
130	2.5	18.2	27.2#



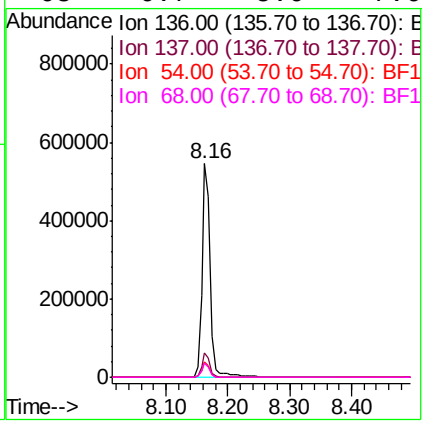


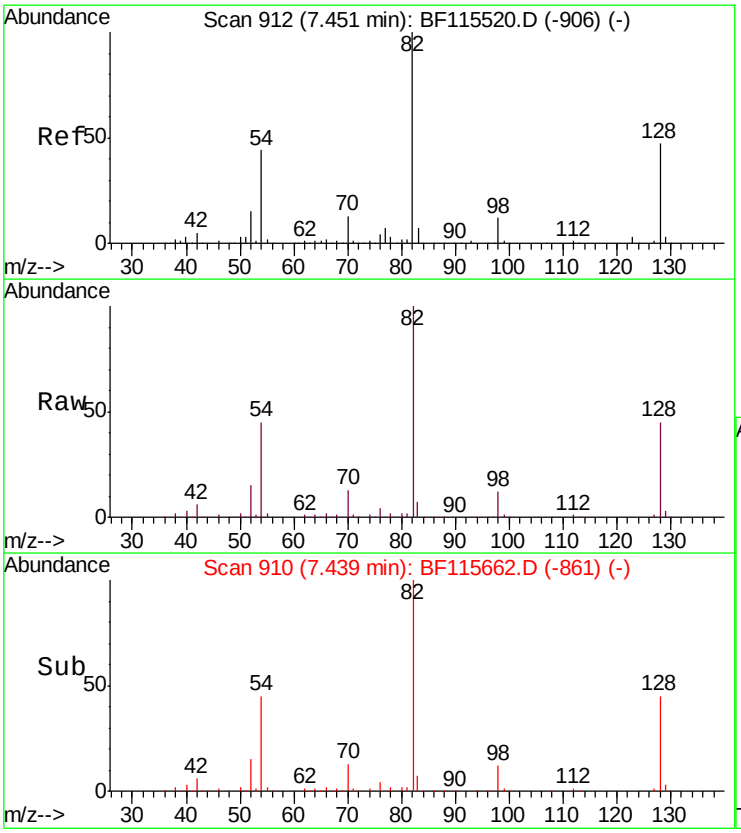
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF115662.D
Acq: 18 Jul 2019 23:39

Instrument :
BNA_F
ClientSampleId :
HJDC-GRABA

Tgt Ion:136 Resp: 512722

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	7.2	5.6	8.4
68	6.7	5.0	7.6

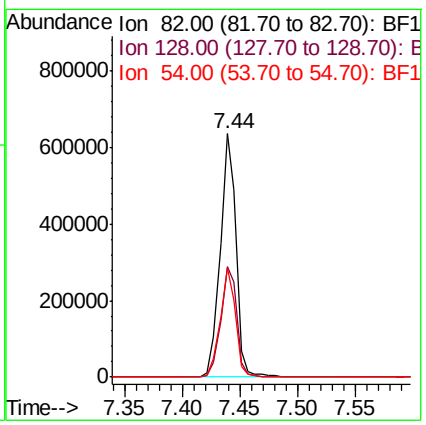


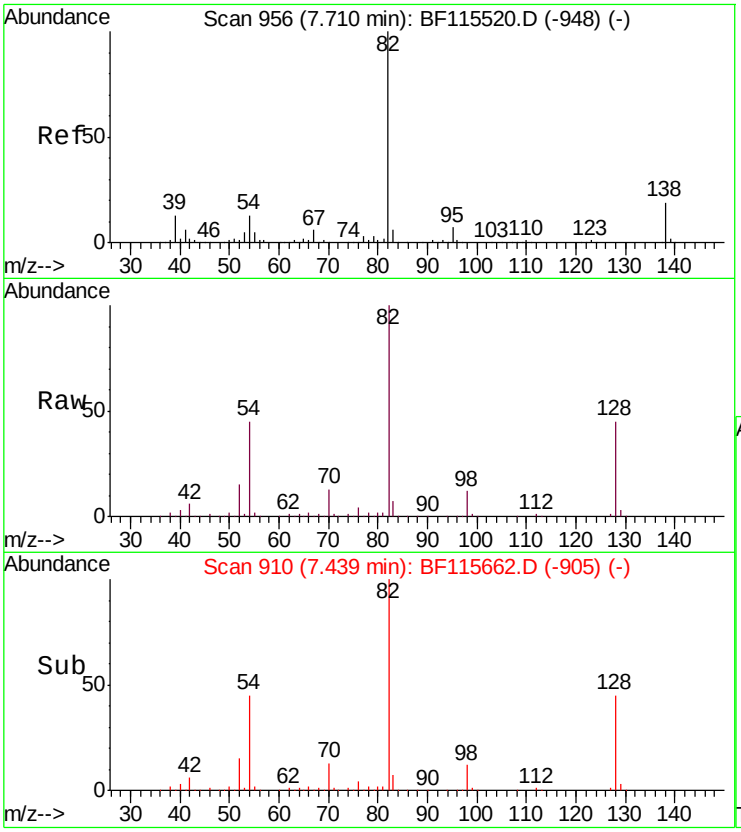


#23
Nitrobenzene-d5
Concen: 68.605 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF115662.D
Acq: 18 Jul 2019 23:39

Tgt Ion: 82 Resp: 604945

Ion	Ratio	Lower	Upper
82	100		
128	45.2	38.6	57.8
54	44.8	35.6	53.4



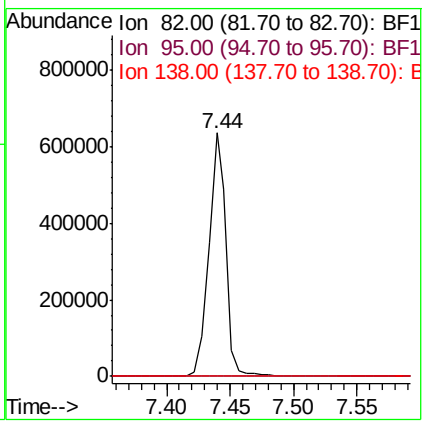


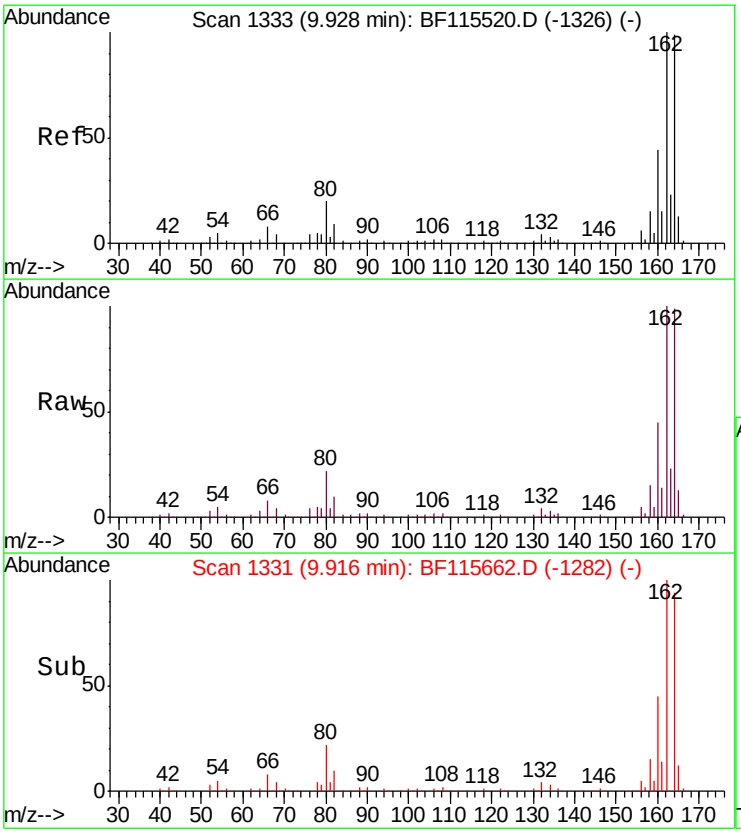
#25
Isophorone
Concen: 34.109 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.27 min
Lab File: BF115662.D
Acq: 18 Jul 2019 23:39

Instrument :
BNA_F
ClientSampleId :
HJDC-GRABA

Tgt Ion: 82 Resp: 601839

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

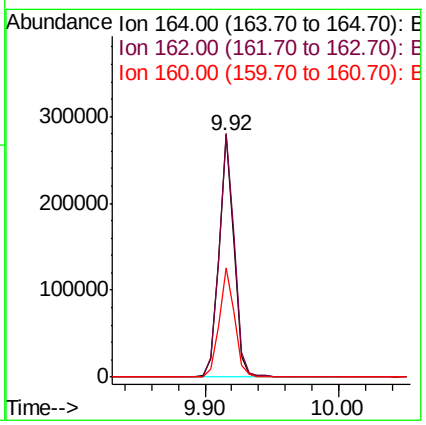


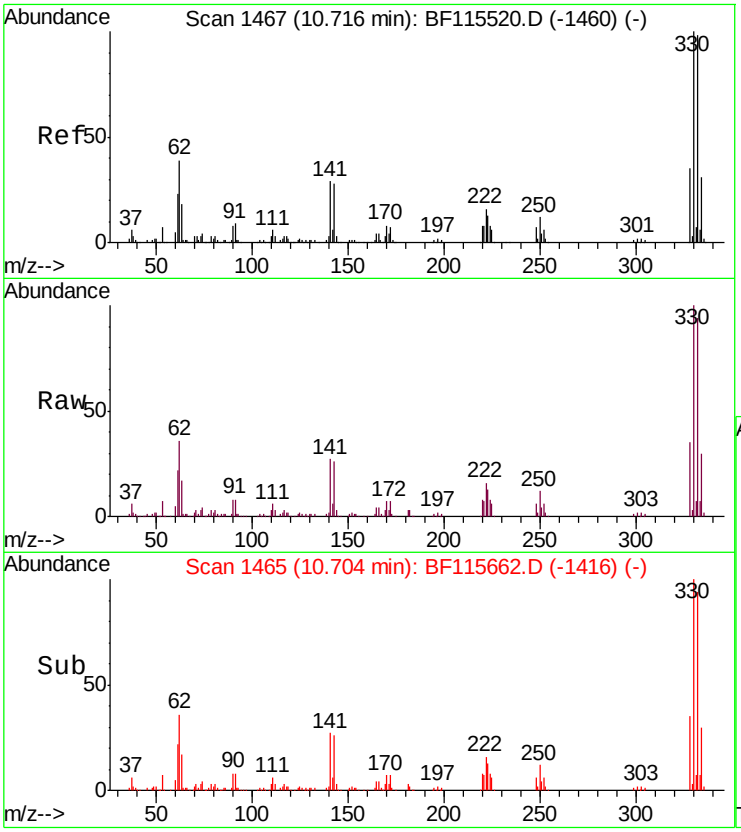


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF115662.D
Acq: 18 Jul 2019 23:39

Tgt Ion:164 Resp: 221266

Ion	Ratio	Lower	Upper
164	100		
162	100.5	82.9	124.3
160	45.3	36.8	55.2



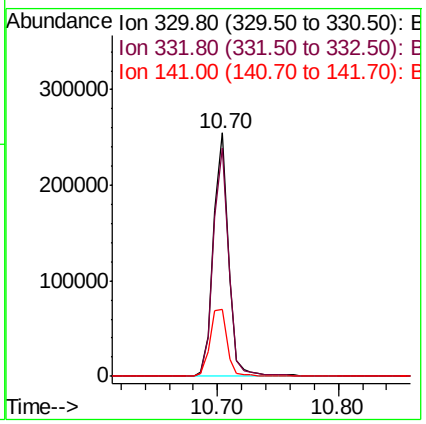


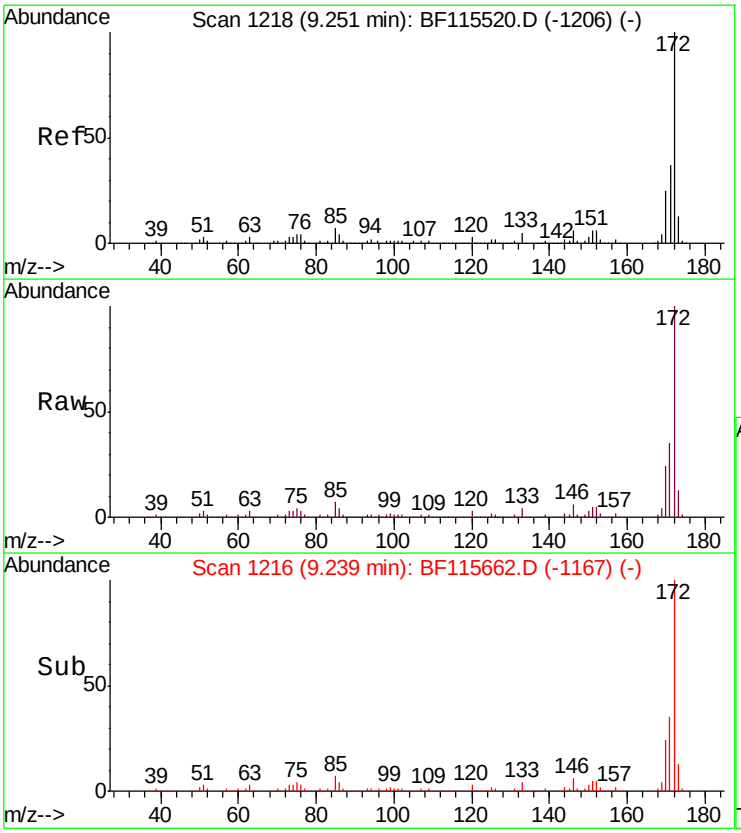
#42
2,4,6-Tribromophenol
Concen: 84.469 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF115662.D
Acq: 18 Jul 2019 23:39

Instrument :
BNA_F
ClientSampleId :
HJDC-GRABA

Tgt Ion:330 Resp: 218159

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.4	116.2
141	31.9	22.4	33.6

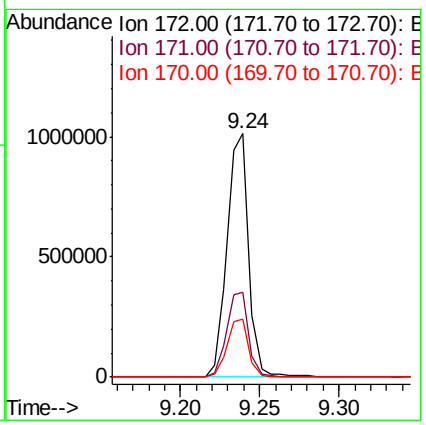


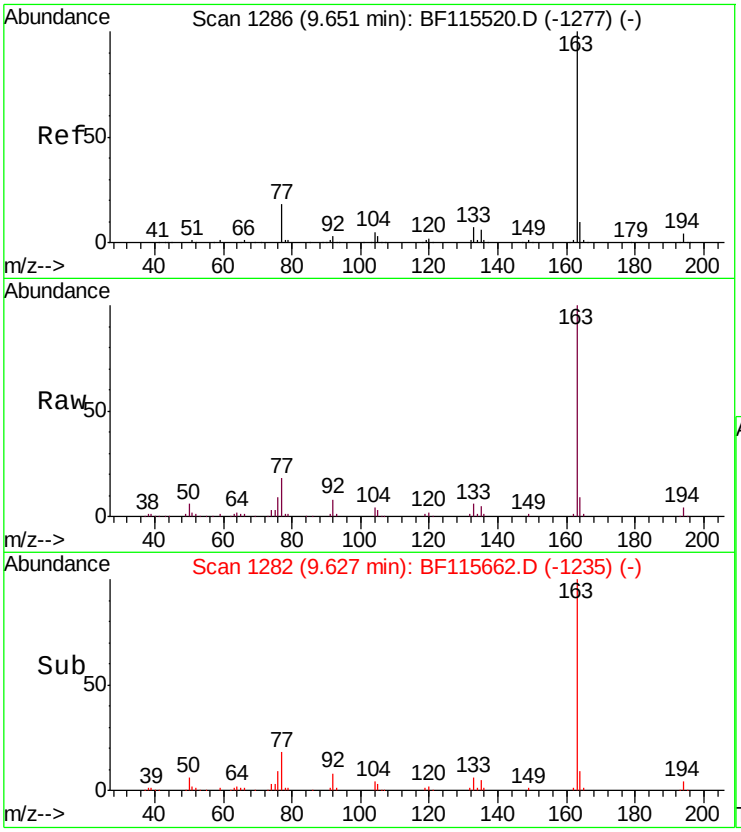


#45
2-Fluorobiphenyl
Concen: 75.644 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF115662.D
Acq: 18 Jul 2019 23:39

Tgt Ion:172 Resp: 956268

Ion	Ratio	Lower	Upper
172	100		
171	35.1	30.6	46.0
170	23.9	20.5	30.7



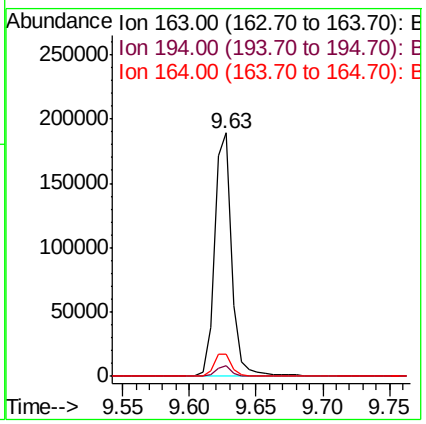


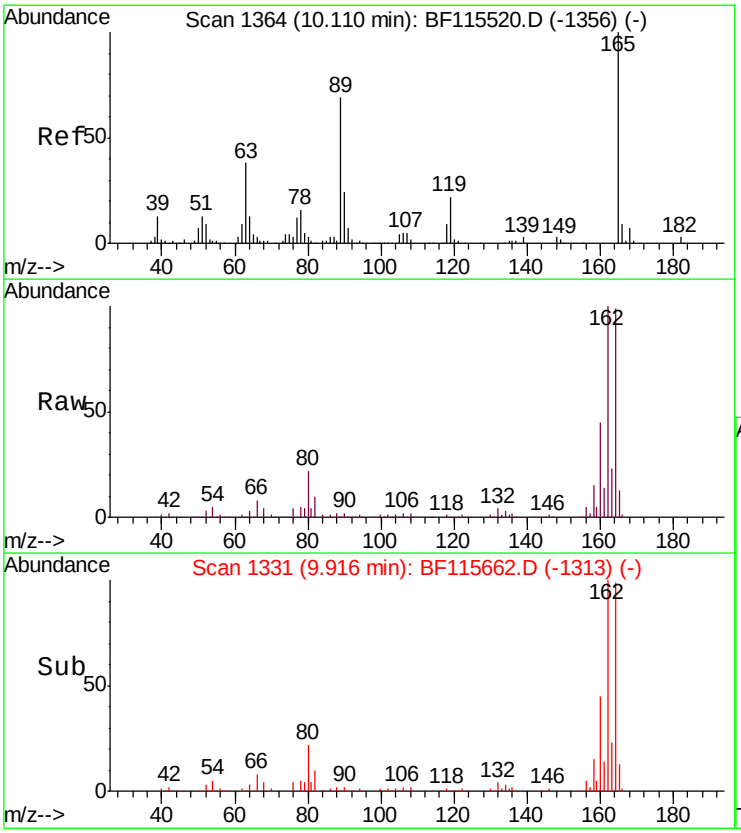
#50
Dimethylphthalate
Concen: 10.275 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF115662.D
Acq: 18 Jul 2019 23:39

Instrument :
BNA_F
ClientSampleId :
HJDC-GRABA

Tgt Ion:163 Resp: 171052

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	9.3	8.7	13.1

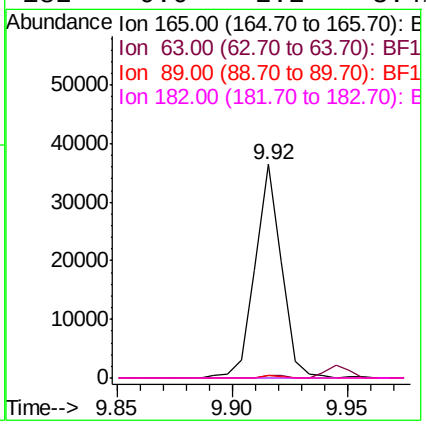


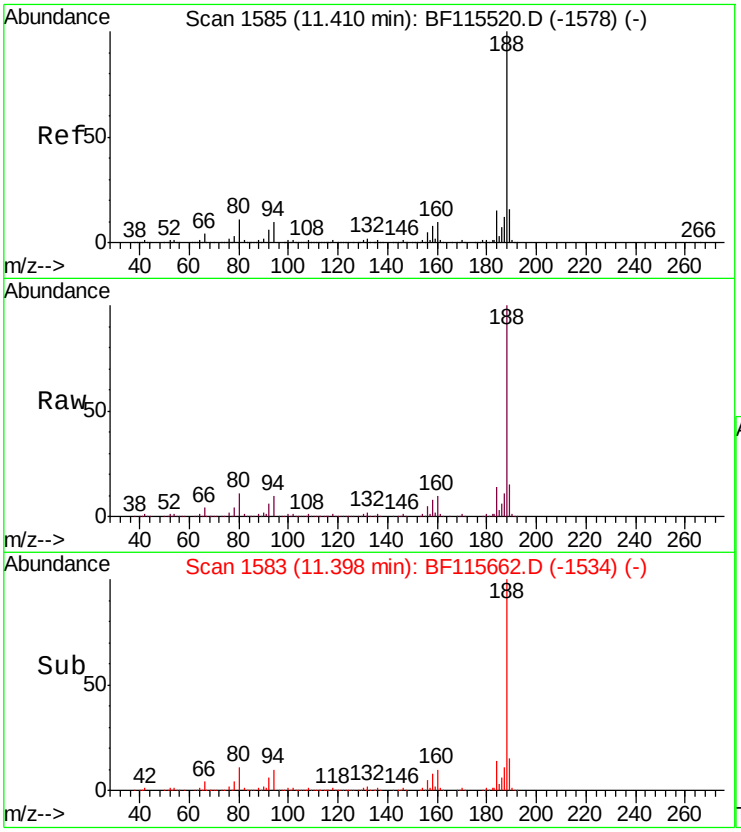


#57
2,4-Dinitrotoluene
Concen: 5.962 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF115662.D
Acq: 18 Jul 2019 23:39

Tgt Ion:165 Resp: 29221

Ion	Ratio	Lower	Upper
165	100		
63	1.3	34.9	52.3#
89	1.2	57.5	86.3#
182	0.0	2.2	3.4#



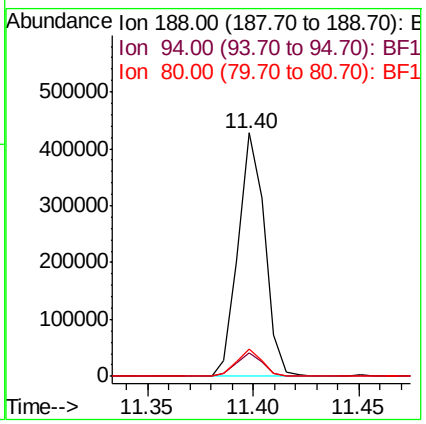


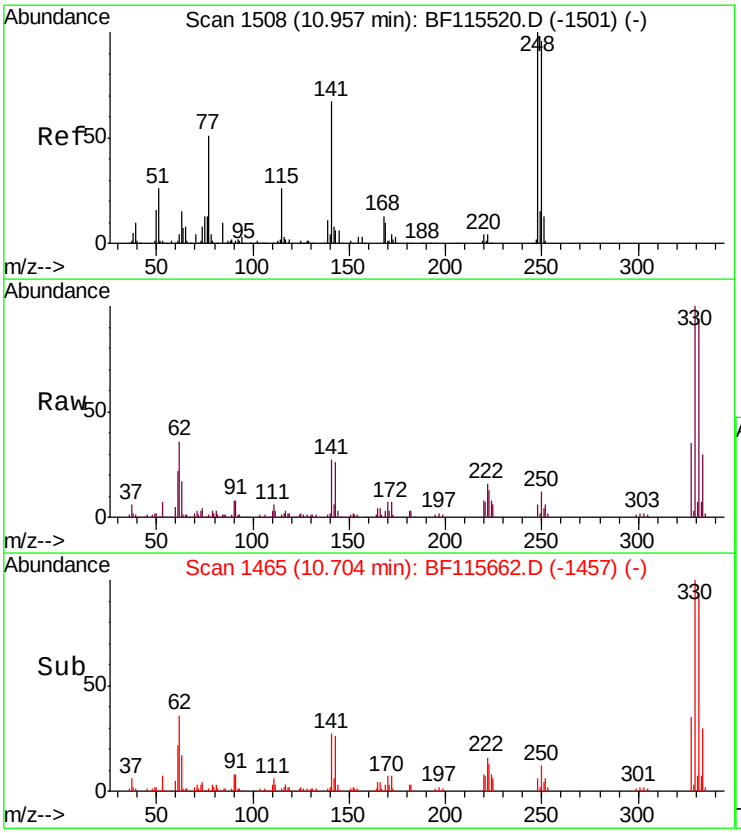
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF115662.D
Acq: 18 Jul 2019 23:39

Instrument :
BNA_F
ClientSampleId :
HJDC-GRABA

Tgt Ion:188 Resp: 373450

Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.8	11.6
80	11.0	8.6	13.0

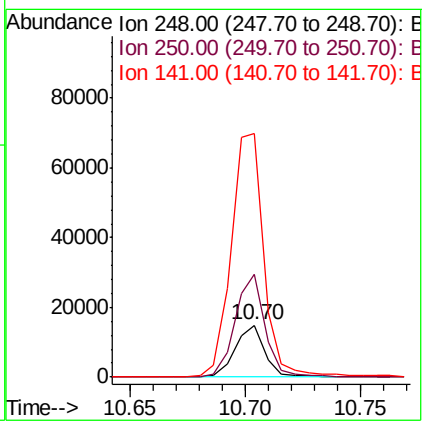


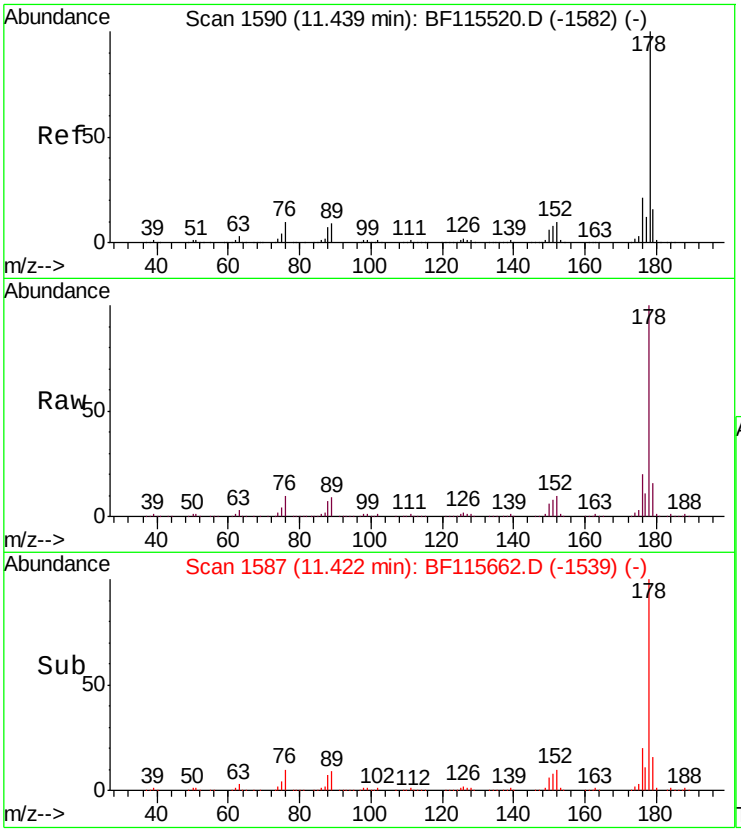


#67
4-Bromophenyl-phenylether
Concen: 3.109 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF115662.D
Acq: 18 Jul 2019 23:39

Tgt Ion:248 Resp: 13270

Ion	Ratio	Lower	Upper
248	100		
250	197.6	78.0	117.0#
141	466.7	57.7	86.5#



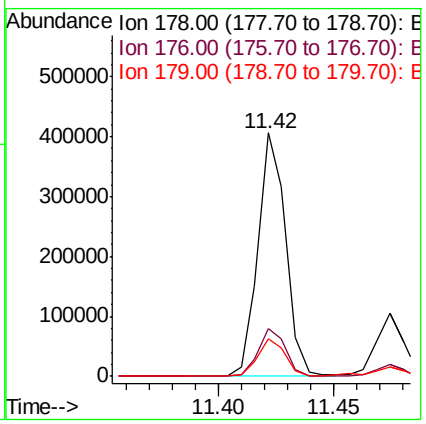


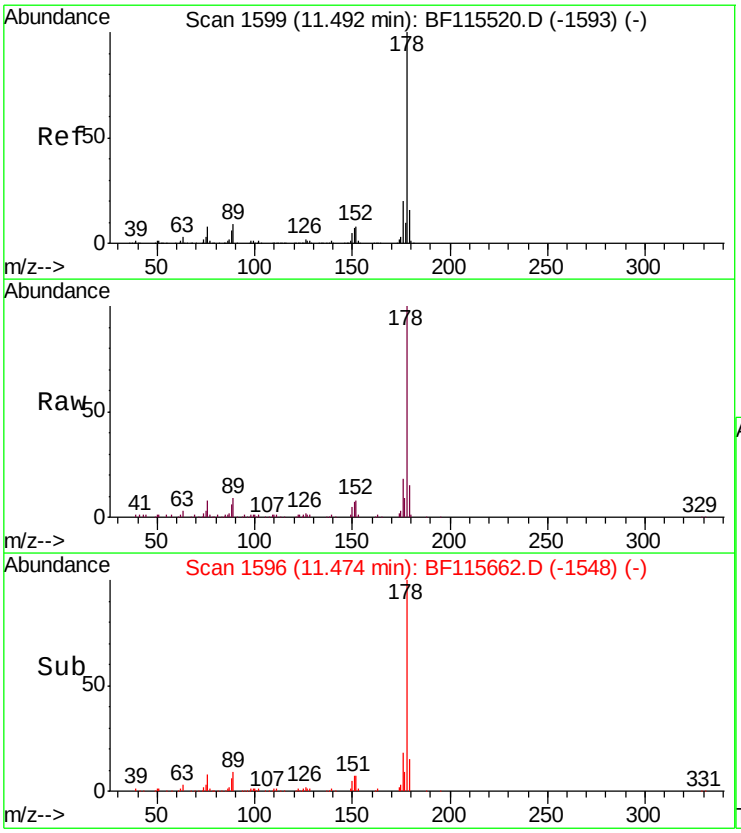
#71
Phenanthrene
Concen: 17.827 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.02 min
Lab File: BF115662.D
Acq: 18 Jul 2019 23:39

Instrument :
BNA_F
ClientSampleId :
HJDC-GRABA

Tgt Ion:178 Resp: 341258

Ion	Ratio	Lower	Upper
178	100		
176	19.7	17.2	25.8
179	15.7	13.5	20.3

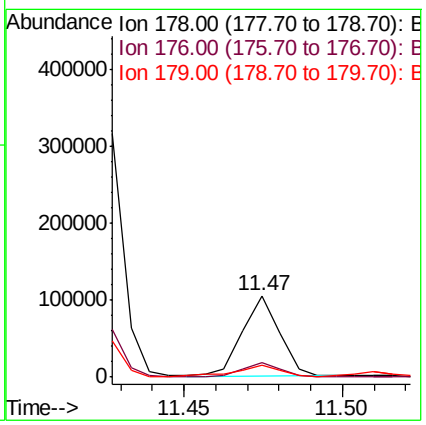


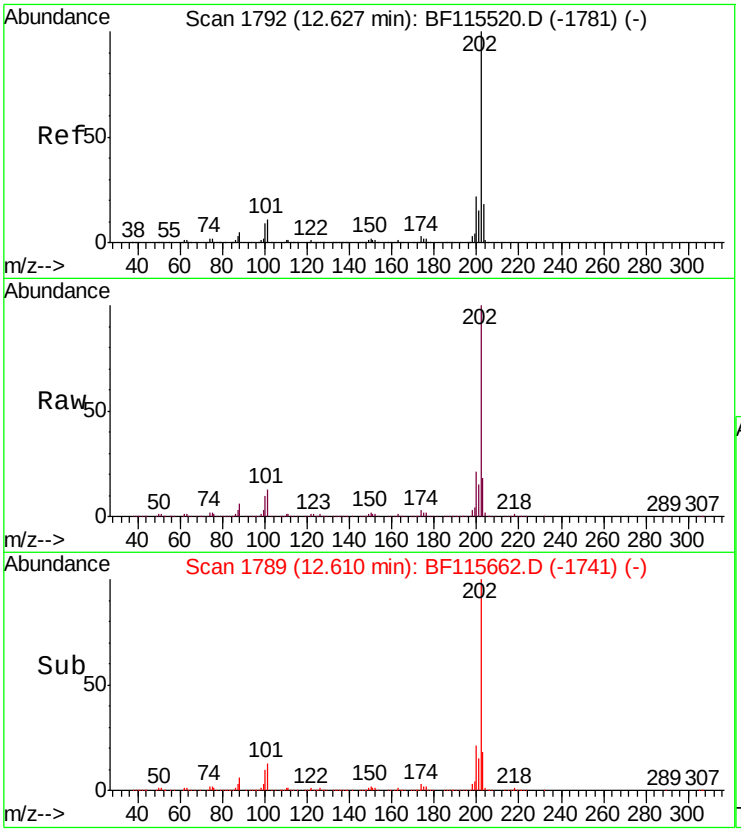


#72
Anthracene
Concen: 4.293 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.02 min
Lab File: BF115662.D
Acq: 18 Jul 2019 23:39

Tgt Ion:178 Resp: 84939

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.9	23.9
179	15.1	12.7	19.1



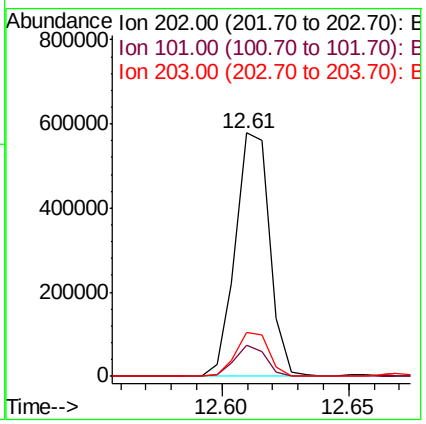


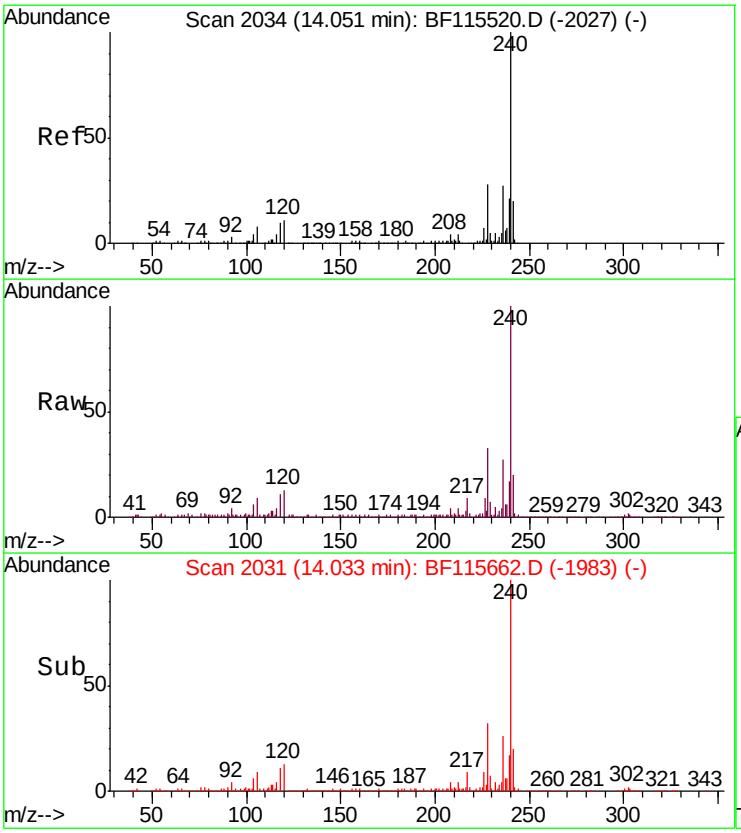
#75
Fluoranthene
Concen: 26.829 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.02 min
Lab File: BF115662.D
Acq: 18 Jul 2019 23:39

Instrument :
BNA_F
ClientSampleId :
HJDC-GRABA

Tgt Ion:202 Resp: 542716

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	31.4
203	17.8	0.0	38.1

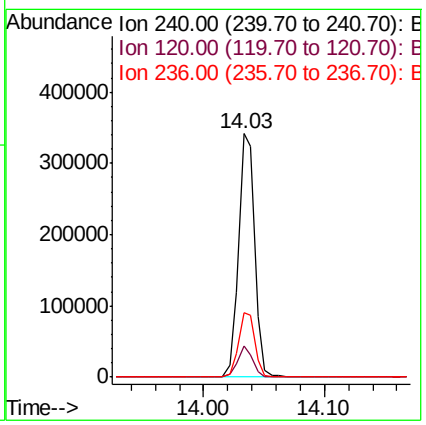


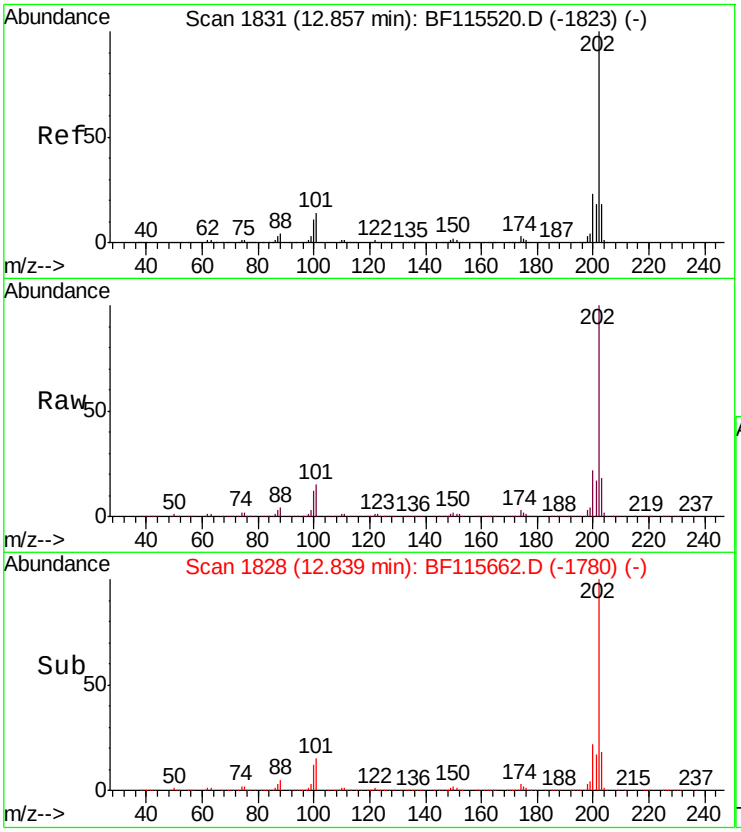


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.02 min
Lab File: BF115662.D
Acq: 18 Jul 2019 23:39

Tgt Ion:240 Resp: 321390

Ion	Ratio	Lower	Upper
240	100		
120	12.7	8.6	13.0
236	26.5	21.3	31.9



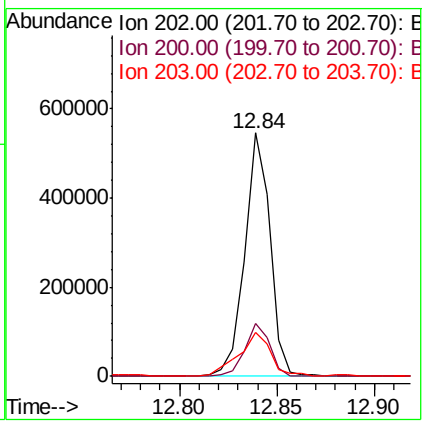


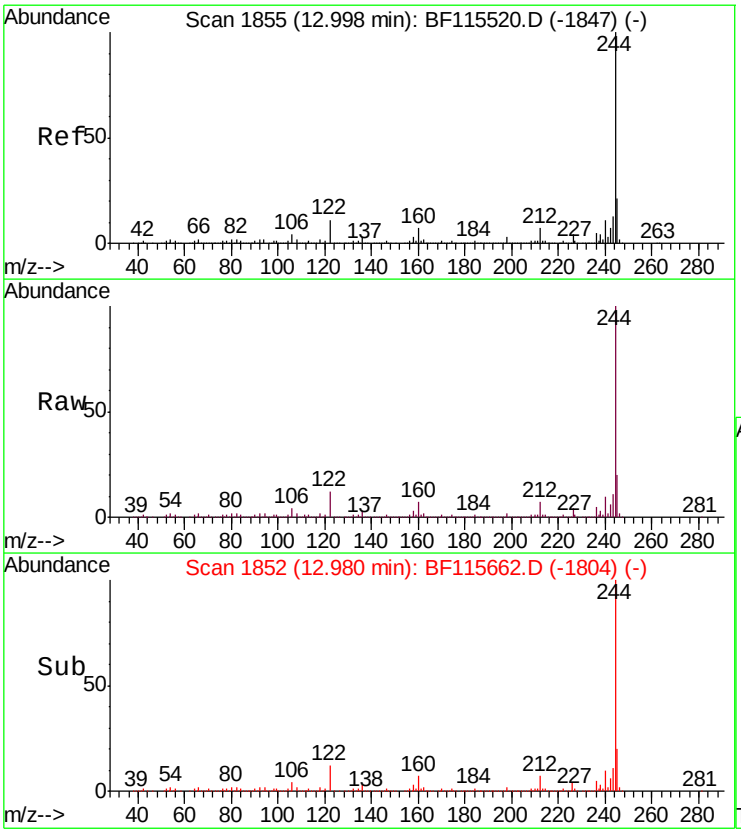
#78
Pyrene
Concen: 17.982 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.02 min
Lab File: BF115662.D
Acq: 18 Jul 2019 23:39

Instrument :
BNA_F
ClientSampleId :
HJDC-GRABA

Tgt Ion:202 Resp: 489649

Ion	Ratio	Lower	Upper
202	100		
200	21.8	18.7	28.1
203	18.1	15.2	22.8

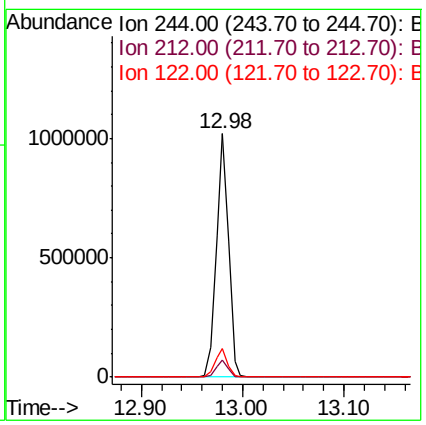


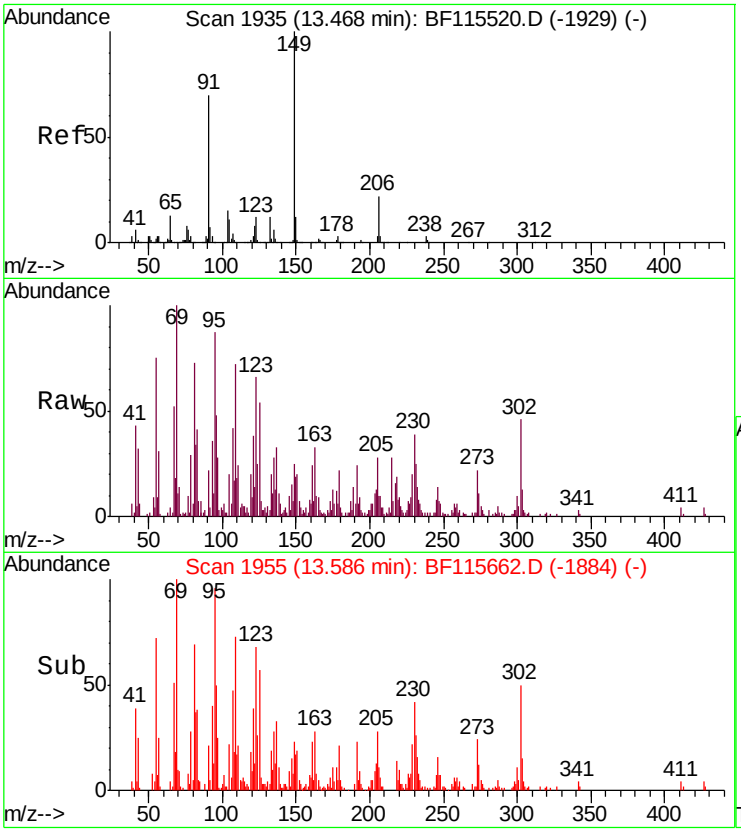


#79
Terphenyl-d14
Concen: 48.759 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.02 min
Lab File: BF115662.D
Acq: 18 Jul 2019 23:39

Tgt Ion:244 Resp: 849278

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	11.9	8.6	12.8



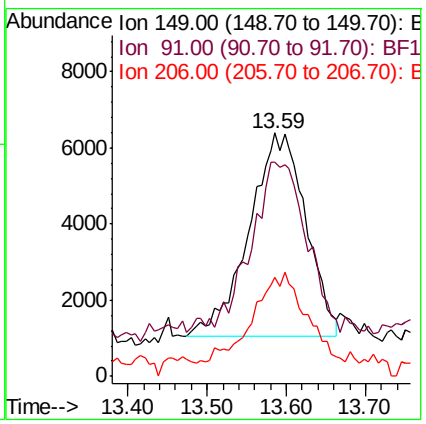


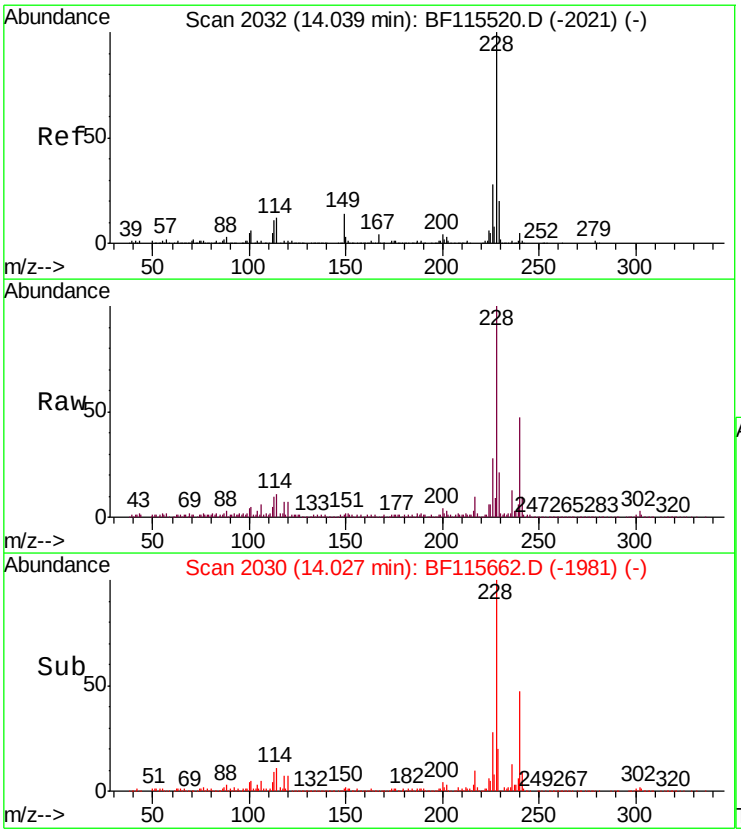
#80
Butylbenzylphthalate
Concen: 2.281 ng
RT: 13.59 min Scan# 1955
Delta R.T. 0.12 min
Lab File: BF115662.D
Acq: 18 Jul 2019 23:39

Instrument :
BNA_F
ClientSampleId :
HJDC-GRABA

Tgt Ion:149 Resp: 26479

Ion	Ratio	Lower	Upper
149	100		
91	87.7	55.8	83.8#
206	40.4	18.2	27.2#

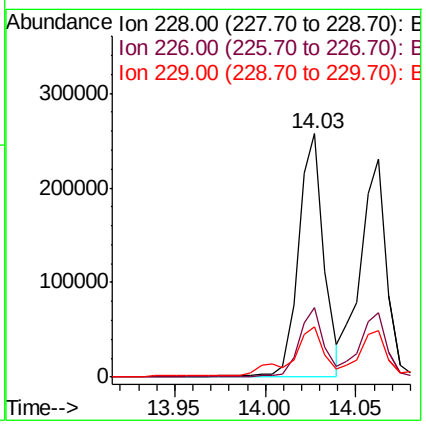


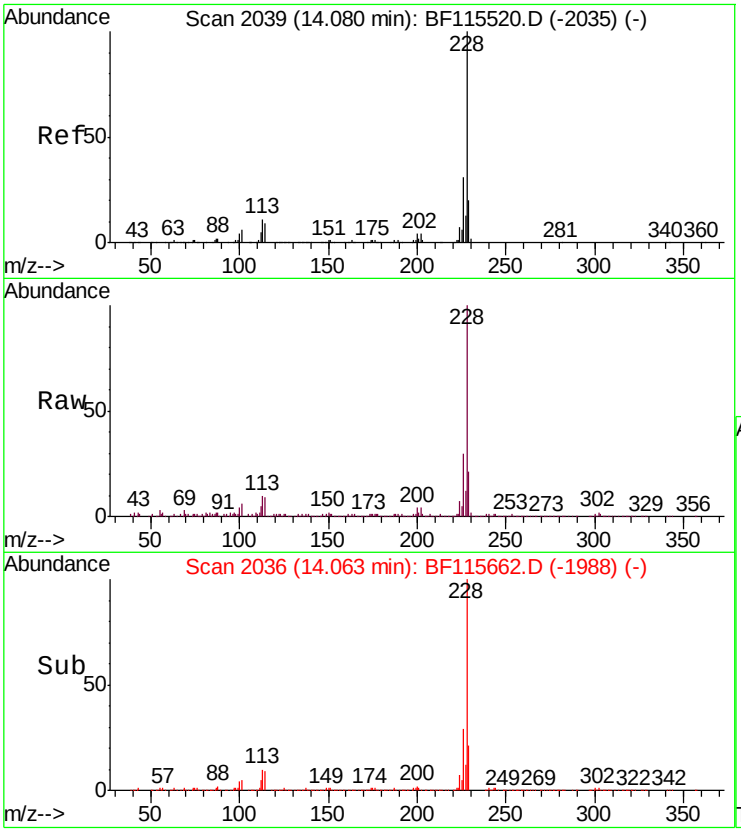


#81
Benzo(a)anthracene
Concen: 11.924 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF115662.D
Acq: 18 Jul 2019 23:39

Tgt Ion:228 Resp: 252466

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



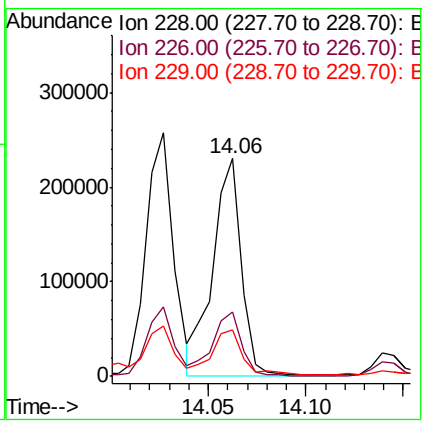


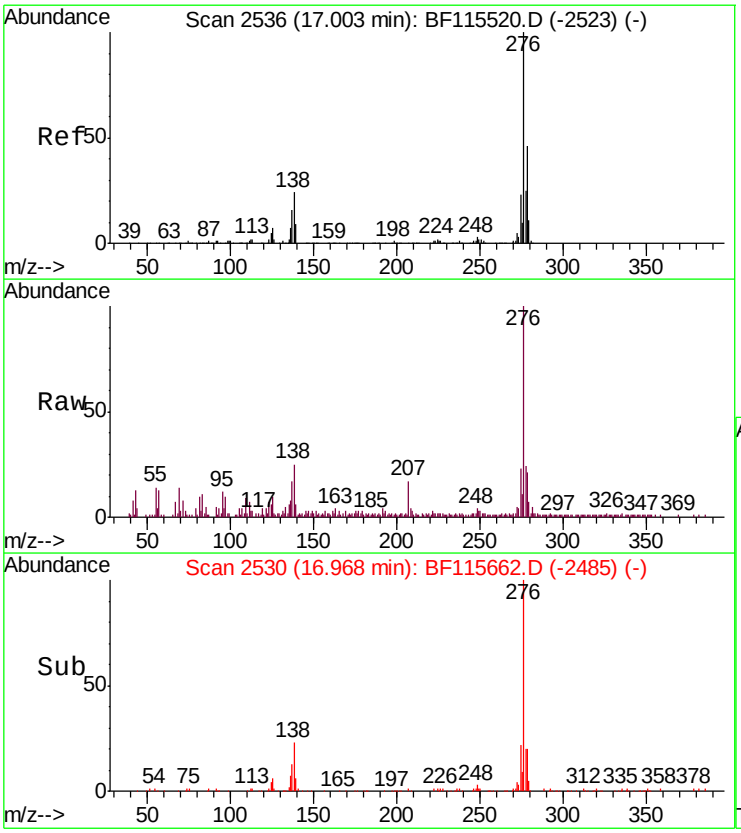
#83
Chrysene
Concen: 10.991 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.02 min
Lab File: BF115662.D
Acq: 18 Jul 2019 23:39

Instrument :
BNA_F
ClientSampleId :
HJDC-GRABA

Tgt Ion:228 Resp: 233621

Ion	Ratio	Lower	Upper
228	100		
226	29.6	25.7	38.5
229	21.1	16.6	25.0

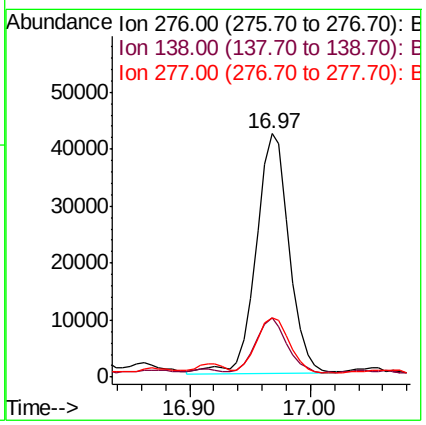


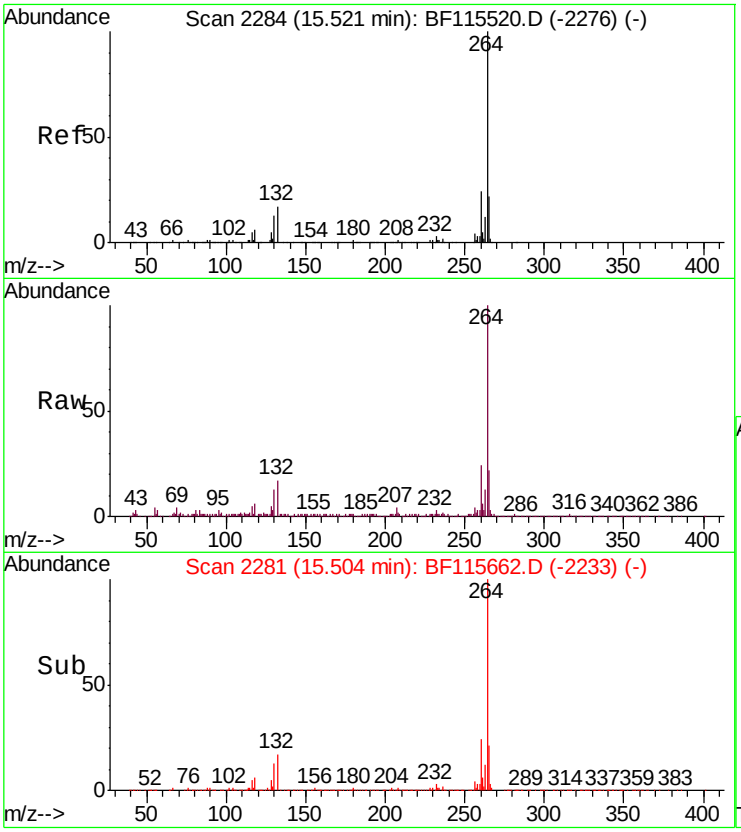


#86
Indeno(1,2,3-cd)pyrene
Concen: 4.432 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.04 min
Lab File: BF115662.D
Acq: 18 Jul 2019 23:39

Tgt Ion:276 Resp: 80032

Ion	Ratio	Lower	Upper
276	100		
138	21.4	20.2	30.2
277	23.3	20.4	30.6



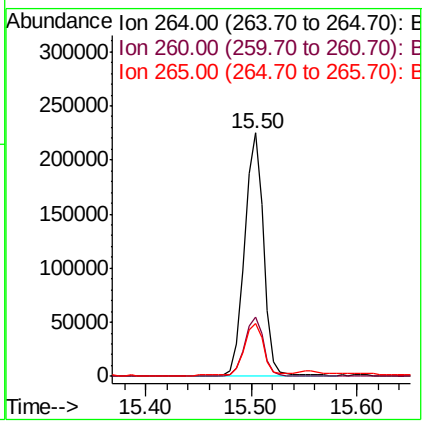


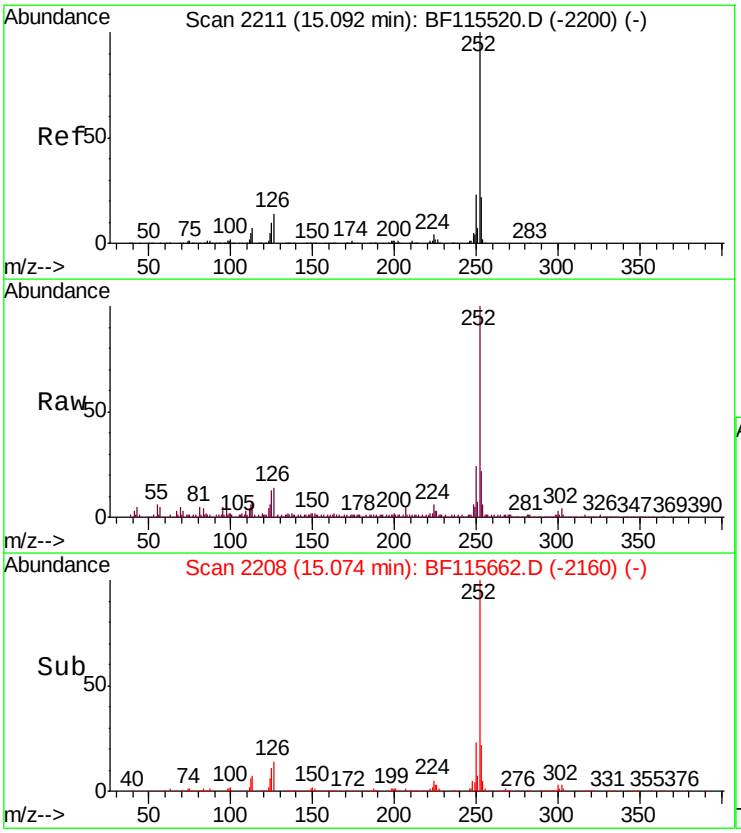
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.02 min
Lab File: BF115662.D
Acq: 18 Jul 2019 23:39

Instrument :
BNA_F
ClientSampleId :
HJDC-GRABA

Tgt Ion:264 Resp: 279318

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.8	29.8
265	21.8	17.7	26.5

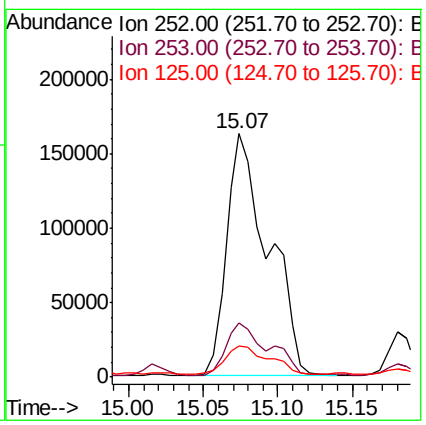


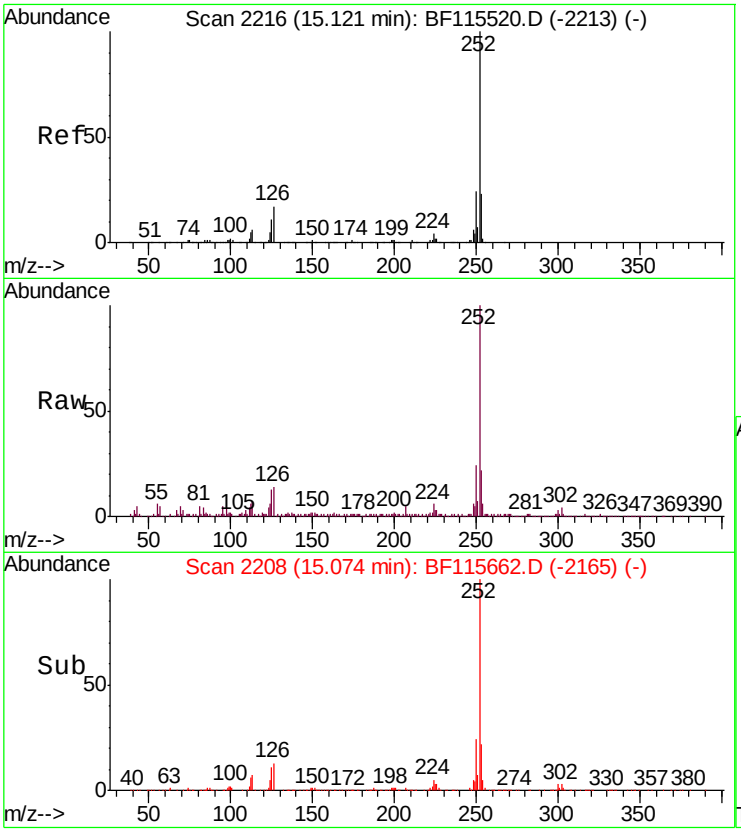


#88
Benzo(b)fluoranthene
Concen: 17.652 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BF115662.D
Acq: 18 Jul 2019 23:39

Tgt Ion:252 Resp: 317489

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	12.7	9.0	13.4



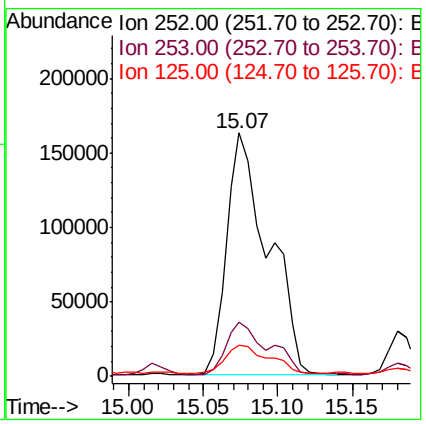


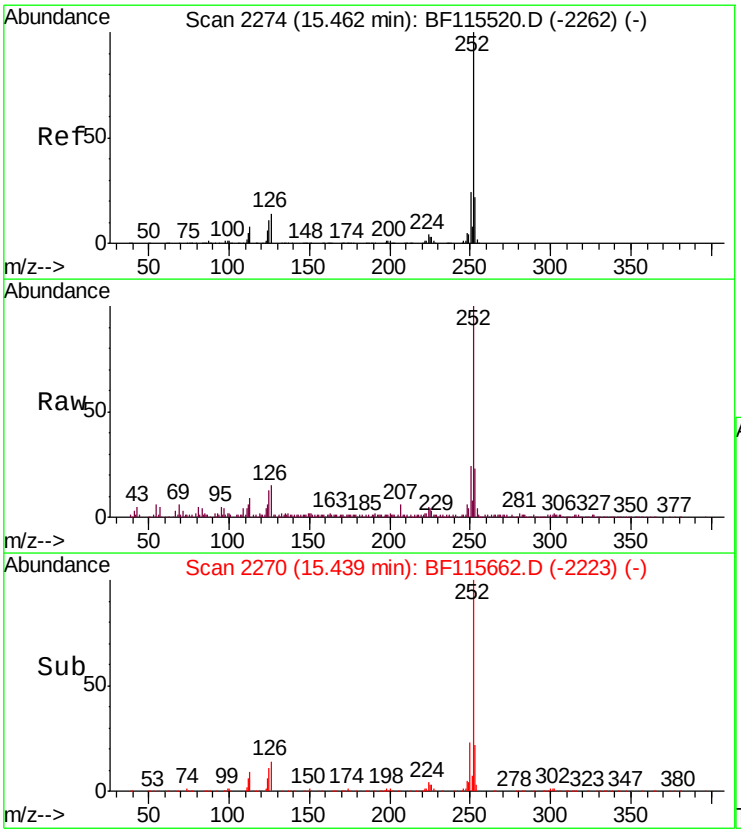
#89
Benzo(k)fluoranthene
Concen: 19.799 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.05 min
Lab File: BF115662.D
Acq: 18 Jul 2019 23:39

Instrument :
BNA_F
ClientSampleId :
HJDC-GRABA

Tgt Ion:252 Resp: 317489

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.6	28.0
125	12.7	9.0	13.6

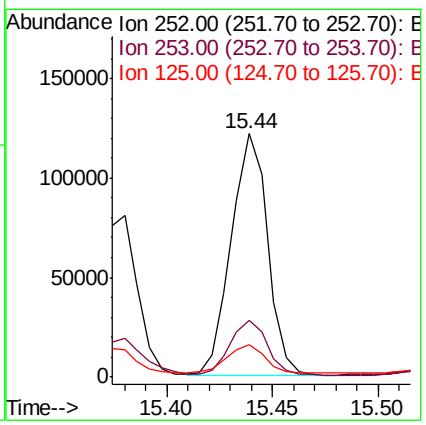


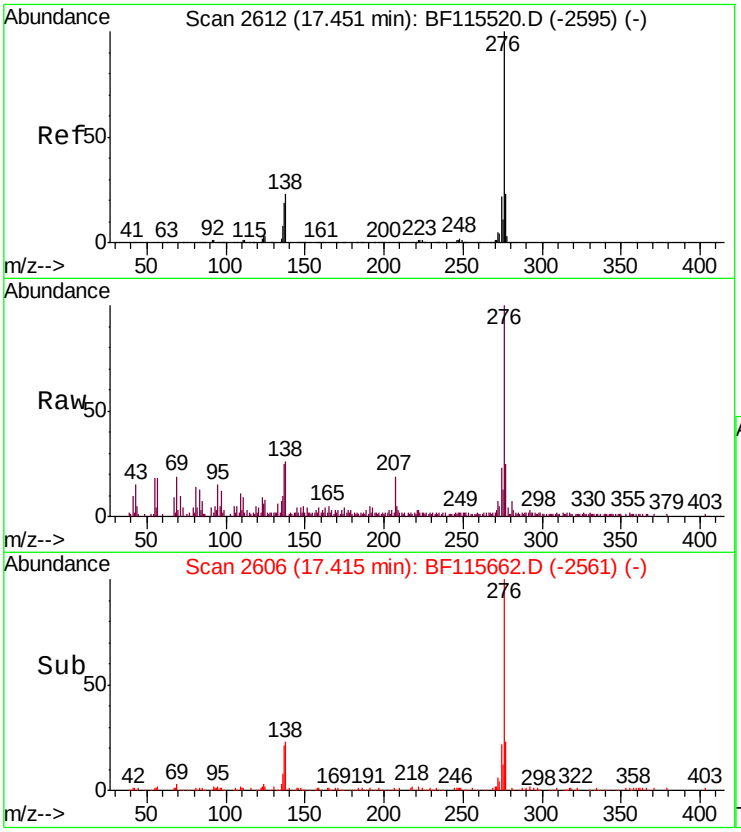


#90
Benzo(a)pyrene
Concen: 9.434 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.02 min
Lab File: BF115662.D
Acq: 18 Jul 2019 23:39

Tgt Ion:252 Resp: 145832

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.6
125	13.1	9.1	13.7





#92
Benzo(g,h,i)perylene
Concen: 5.300 ng
RT: 17.42 min Scan# 2606
Delta R.T. -0.04 min
Lab File: BF115662.D
Acq: 18 Jul 2019 23:39

Instrument :
BNA_F
ClientSampleId :
HJDC-GRABA

Tgt Ion:276 Resp: 71730

Ion	Ratio	Lower	Upper
276	100		
277	25.4	19.0	28.4
138	26.0	17.2	25.8#