Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071919\
Data File : BF115670.D
Acq On : 19 Jul 2019 12:07
Operator : HP/JU
Sample : K3618-05 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 19 13:26:34 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	210081	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	832830	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	393157	20.00	ng		-0.01
64) Phenanthrene-d10	11.40	188	667814	20.00	ng		0.00
76) Chrysene-d12	14.04	240	386879	20.00	ng		0.00
87) Perylene-d12	15.52	264	435841	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	502689	39.14	ng		0.00
7) Phenol-d6	6.50	99	664280	40.76	ng		-0.01
23) Nitrobenzene-d5	7.43	82	411753	28.75	ng		-0.02
42) 2,4,6-Tribromophenol	10.70	330	161260	35.14	ng		-0.01
45) 2-Fluorobiphenyl	9.24	172	735748	32.75	ng		-0.01
79) Terphenyl-d14	12.99	244	578506	27.59	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.43	70	55192	5.193	ng	#	79
25) Isophorone	7.43	82	403515	14.079	ng	#	64
50) Dimethylphthalate	9.63	163	152288	5.148	ng		98
51) 2,6-Dinitrotoluene	9.92	165	52385	7.793	ng	#	27
57) 2,4-Dinitrotoluene	9.92	165	52386	6.015	ng	#	24
71) Phenanthrene	11.43	178	230578	6.736	ng		96
75) Fluoranthene	12.62	202	230752	6.379	ng		98
78) Pyrene	12.84	202	256363	7.821	ng		97
81) Benzo(a)anthracene	14.03	228	76036	2.983	ng		97
83) Chrysene	14.07	228	98782	3.861	ng		96
88) Benzo(b)fluoranthene	15.09	252	118282	4.215	ng	#	94
89) Benzo(k)fluoranthene	15.09	252	118282	4.727	ng	#	95
90) Benzo(a)pyrene	15.45	252	69799	2.894	ng	#	95
92) Benzo(g,h,i)perylene	17.44	276	44157	2.091	ng		94

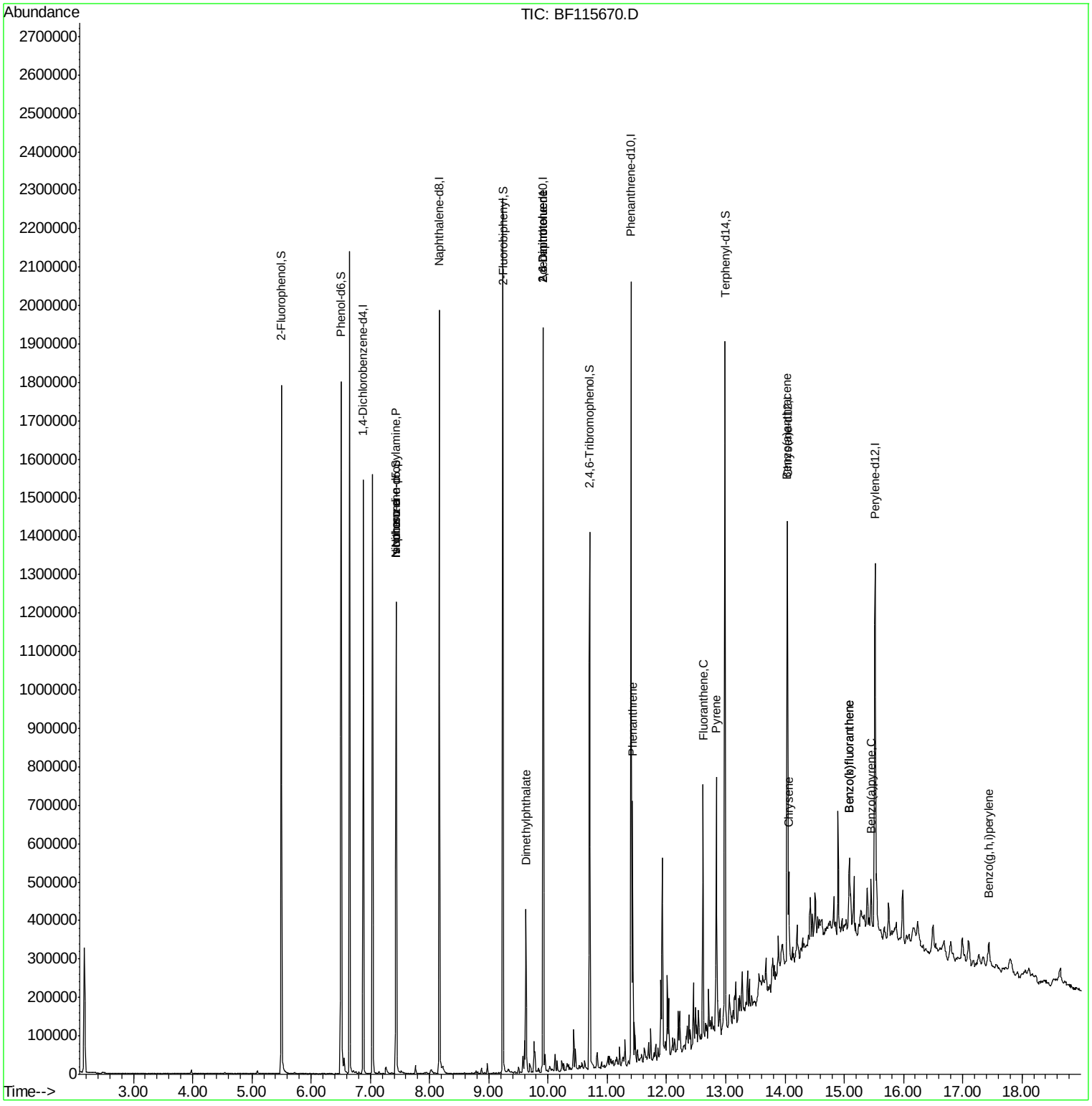
(#) = qualifier out of range (m) = manual integration (+) = signals summed

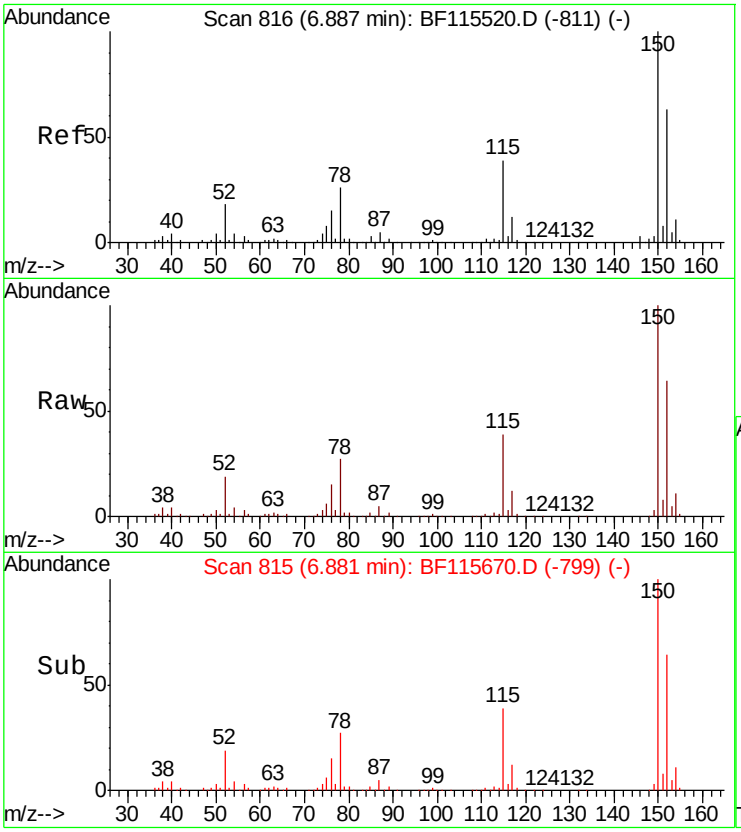
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071919\
Data File : BF115670.D
Acq On : 19 Jul 2019 12:07
Operator : HP/JU
Sample : K3618-05 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 19 13:26:34 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



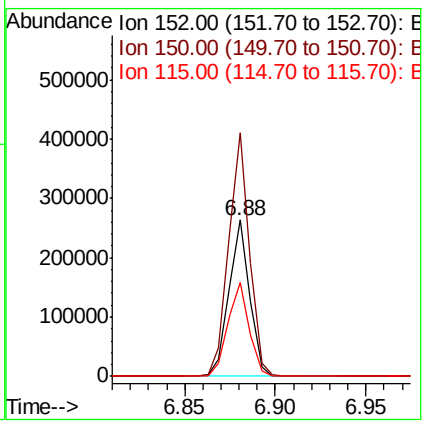


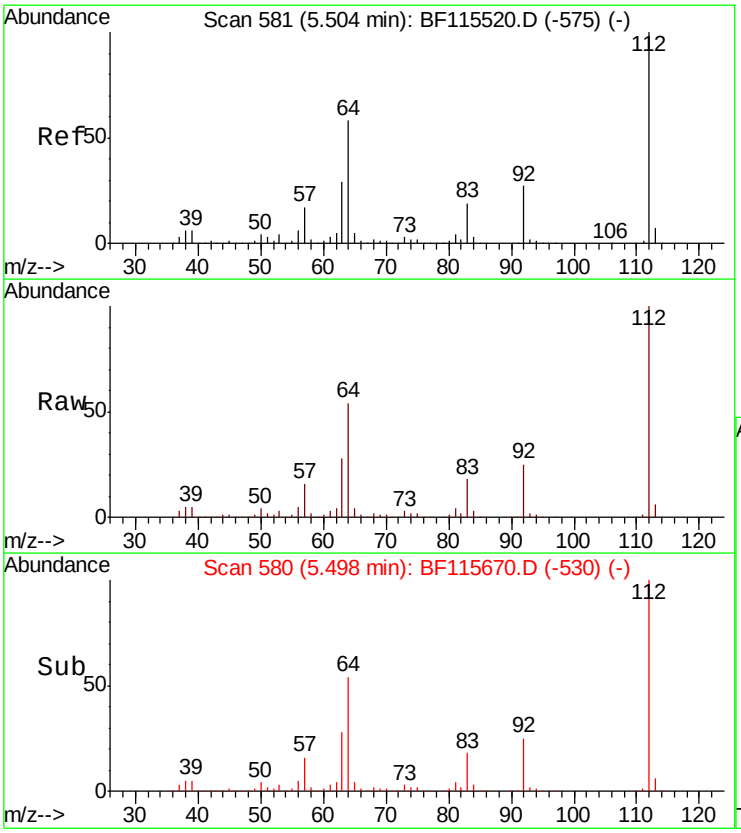
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115670.D
Acq: 19 Jul 2019 12:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 210081

Ion	Ratio	Lower	Upper
152	100		
150	156.1	129.7	194.5
115	60.5	48.2	72.4

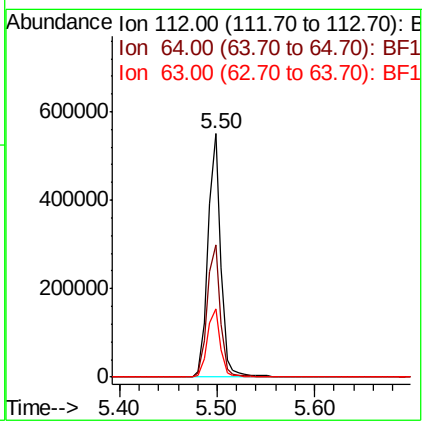


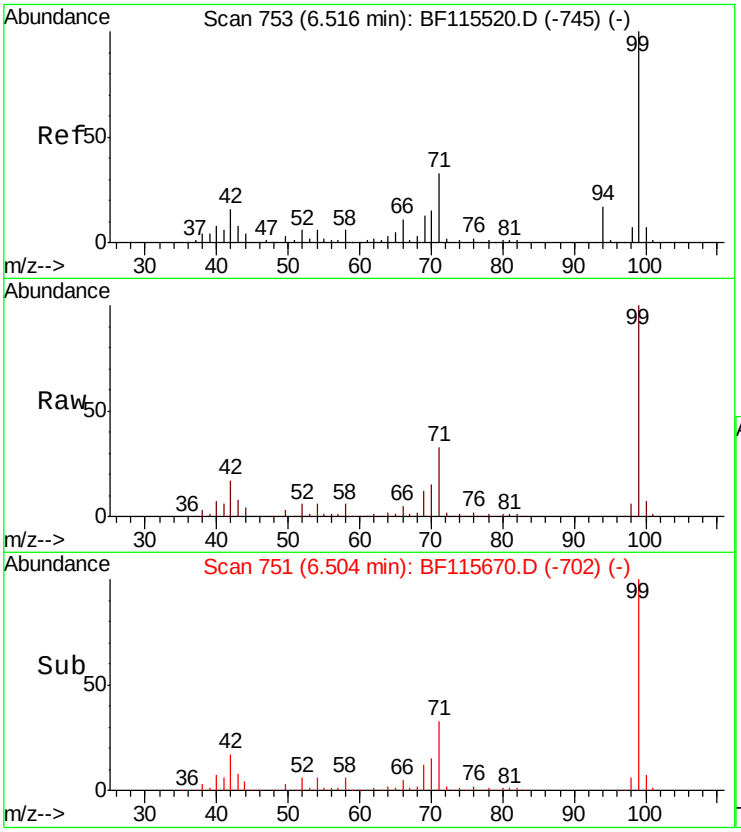


#5
2-Fluorophenol
Concen: 39.140 ng
RT: 5.50 min Scan# 580
Delta R.T. -0.01 min
Lab File: BF115670.D
Acq: 19 Jul 2019 12:07

Tgt Ion:112 Resp: 502689

Ion	Ratio	Lower	Upper
112	100		
64	54.3	46.8	70.2
63	27.8	24.1	36.1



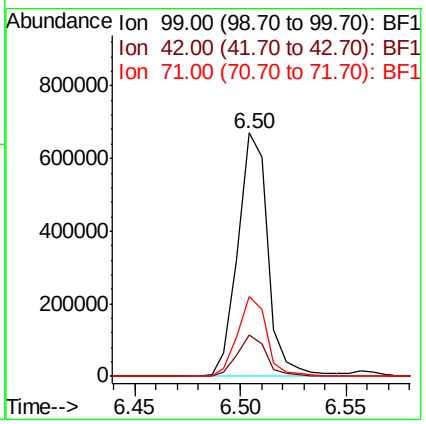


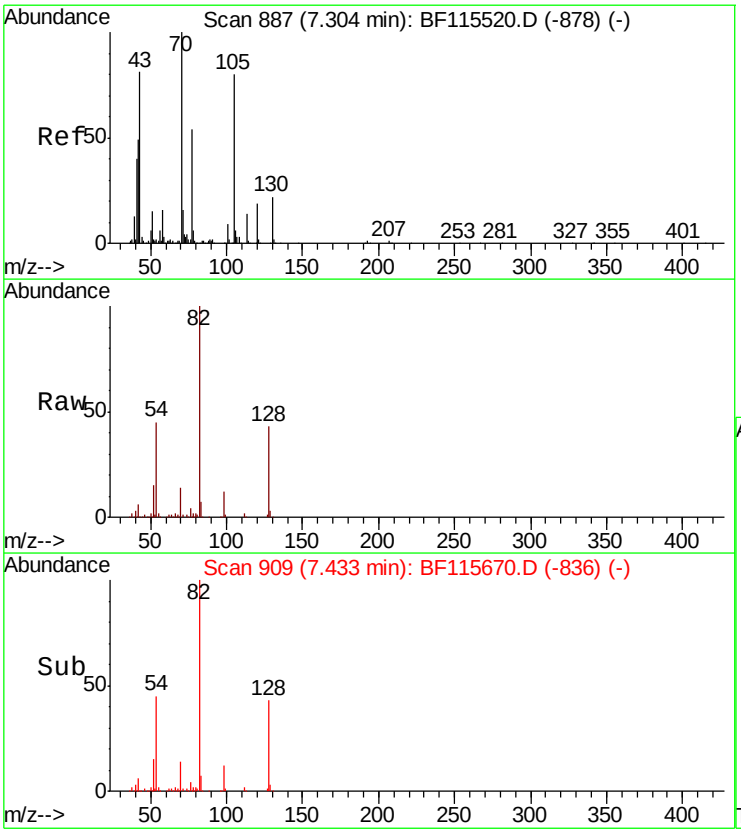
#7
Phenol-d6
Concen: 40.761 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF115670.D
Acq: 19 Jul 2019 12:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 664280

Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.6	20.4
71	33.0	28.5	42.7

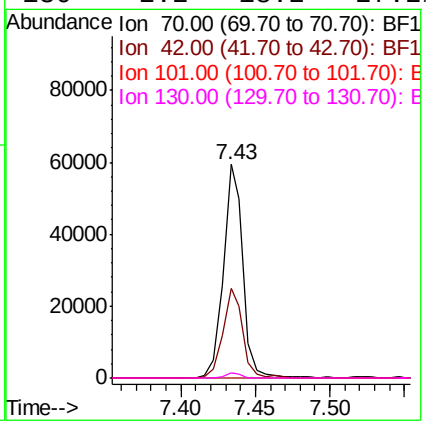


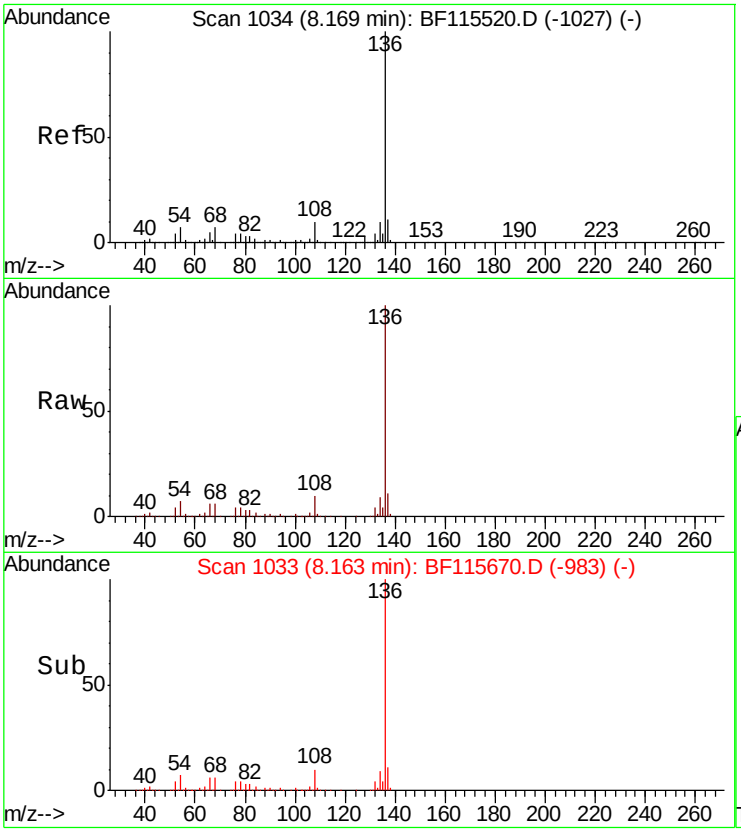


#19
n-Nitroso-di-n-propylamine
Concen: 5.193 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.13 min
Lab File: BF115670.D
Acq: 19 Jul 2019 12:07

Tgt Ion: 70 Resp: 55192

Ion	Ratio	Lower	Upper
70	100		
42	42.3	39.6	59.4
101	0.0	8.1	12.1#
130	2.2	18.2	27.2#



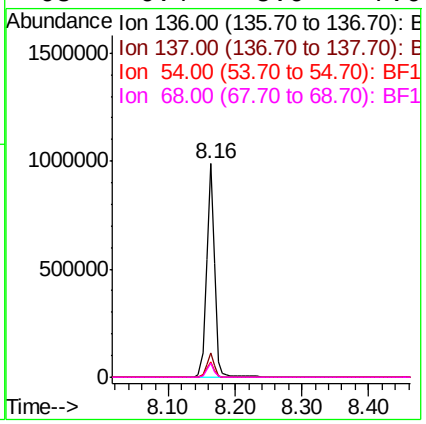


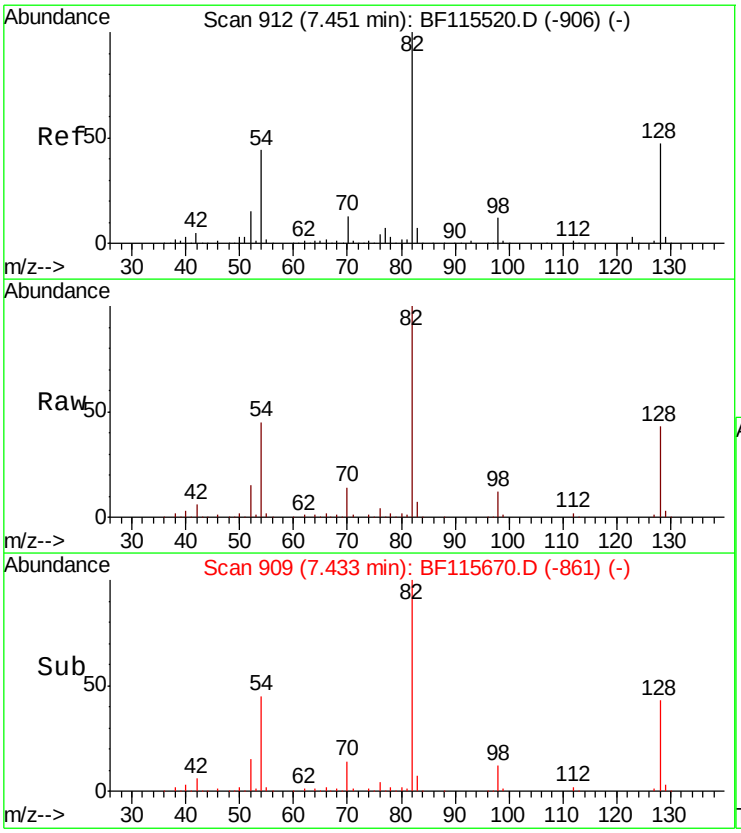
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF115670.D
Acq: 19 Jul 2019 12:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 832830

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	7.0	5.6	8.4
68	6.4	5.0	7.6

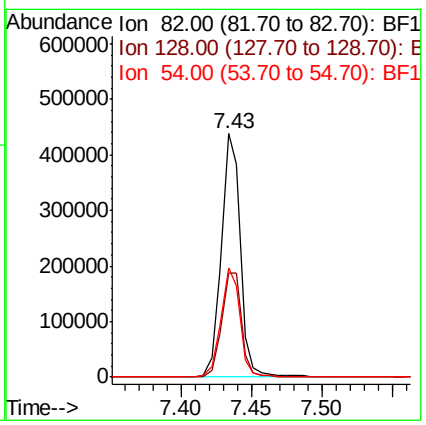


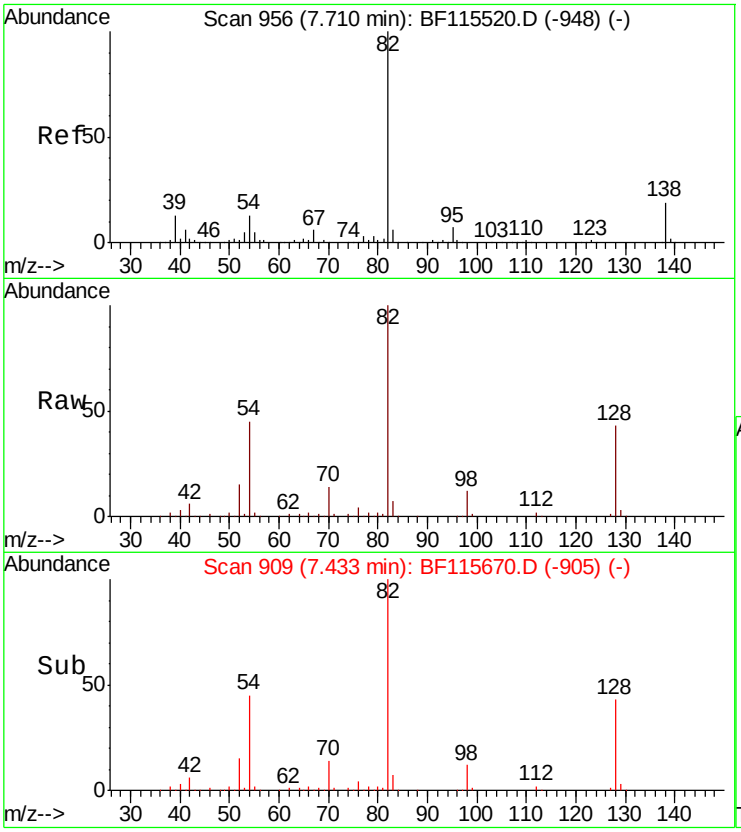


#23
Nitrobenzene-d5
Concen: 28.748 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF115670.D
Acq: 19 Jul 2019 12:07

Tgt Ion: 82 Resp: 411753

Ion	Ratio	Lower	Upper
82	100		
128	42.7	38.6	57.8
54	45.0	35.6	53.4



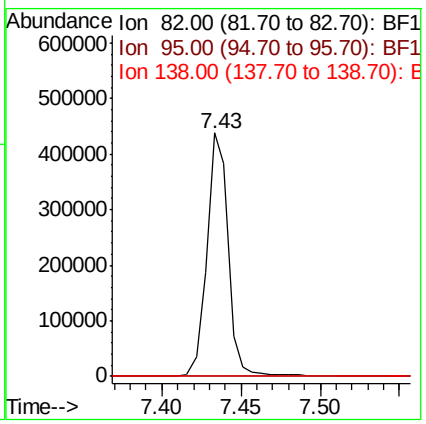


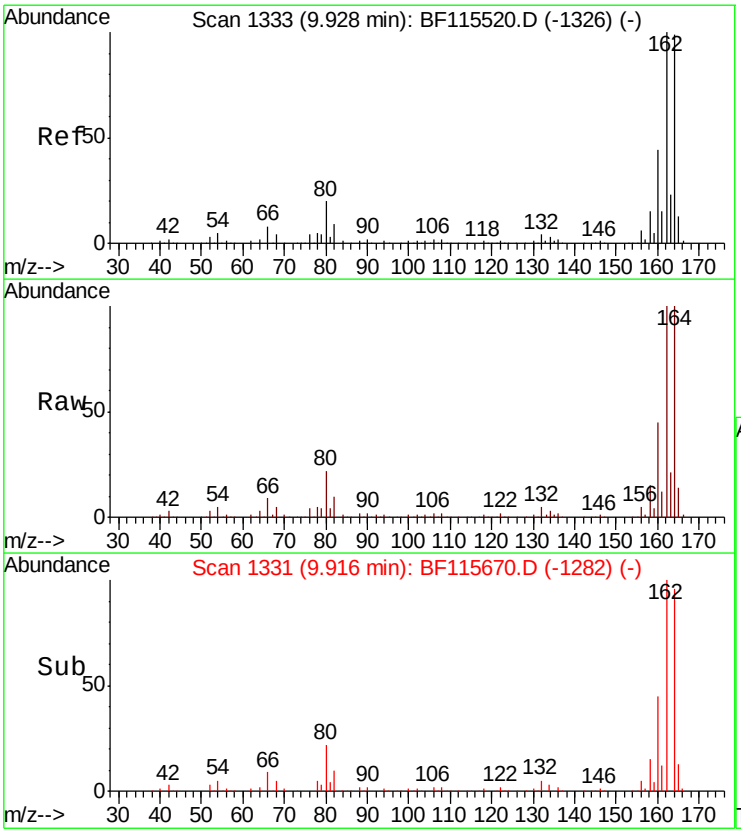
#25
Isophorone
Concen: 14.079 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.28 min
Lab File: BF115670.D
Acq: 19 Jul 2019 12:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 403515

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

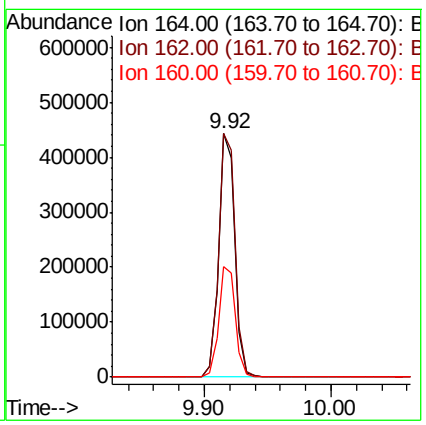


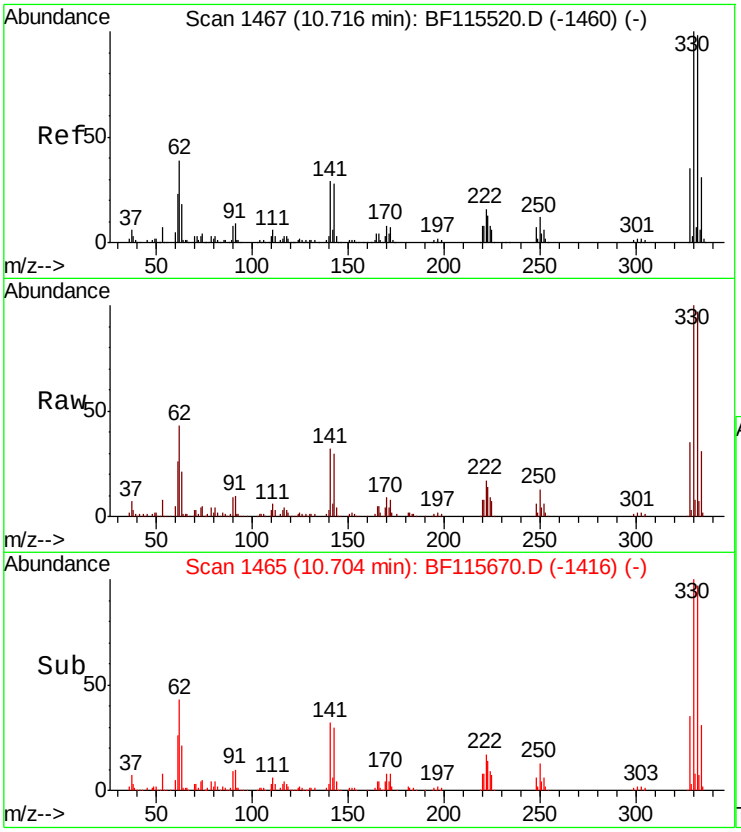


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF115670.D
Acq: 19 Jul 2019 12:07

Tgt Ion:164 Resp: 393157

Ion	Ratio	Lower	Upper
164	100		
162	99.8	82.9	124.3
160	45.2	36.8	55.2



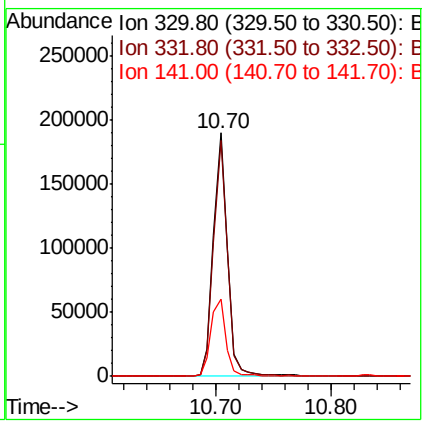


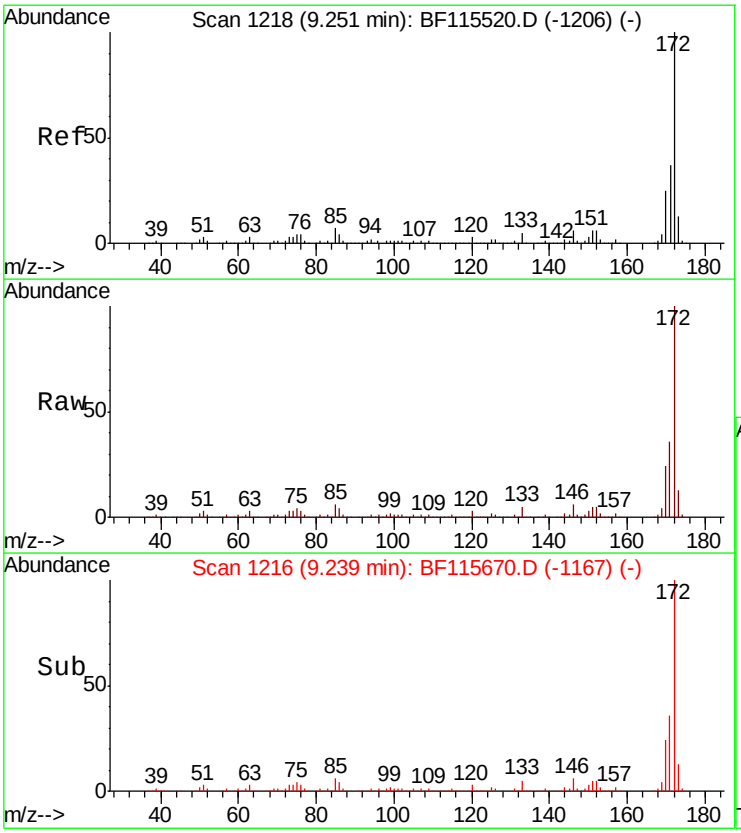
#42
2,4,6-Tribromophenol
Concen: 35.140 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF115670.D
Acq: 19 Jul 2019 12:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 161260

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.4	116.2
141	33.9	22.4	33.6#

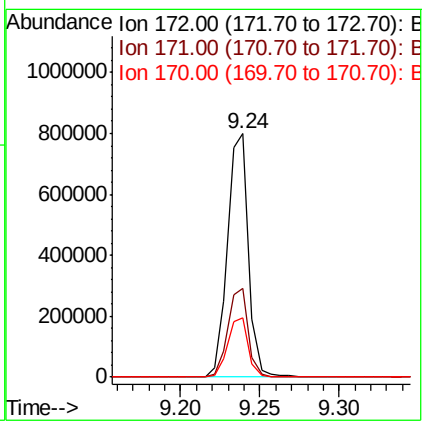


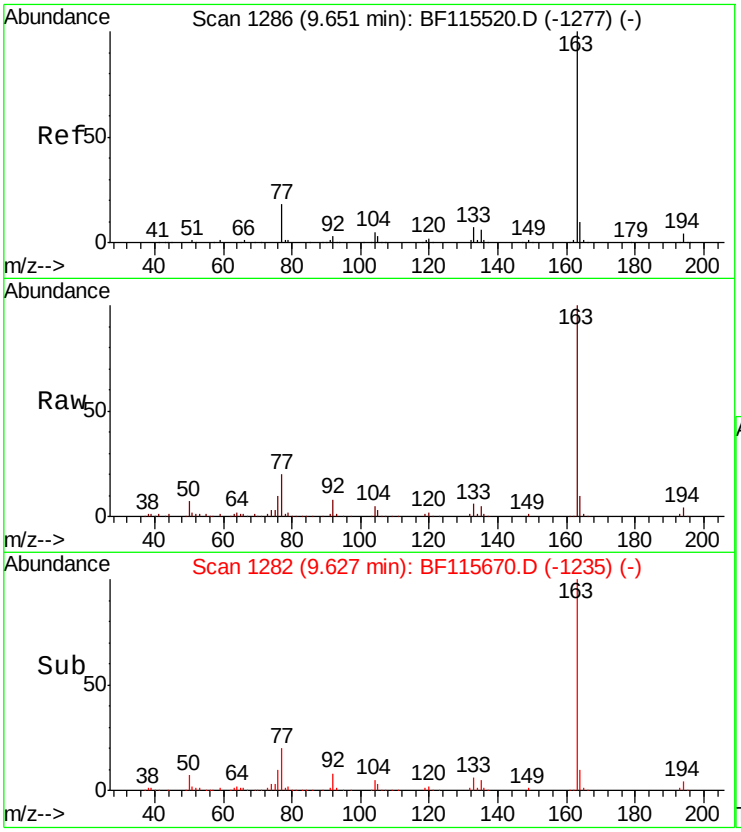


#45
2-Fluorobiphenyl
Concen: 32.755 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF115670.D
Acq: 19 Jul 2019 12:07

Tgt Ion:172 Resp: 735748

Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.6	46.0
170	24.3	20.5	30.7



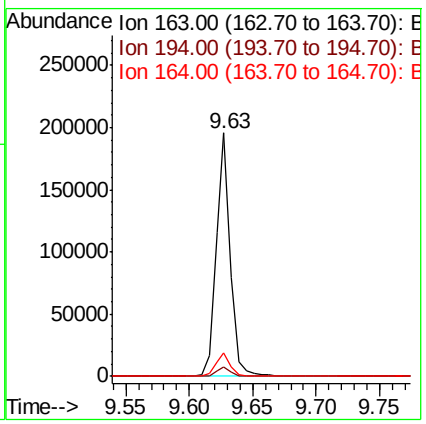


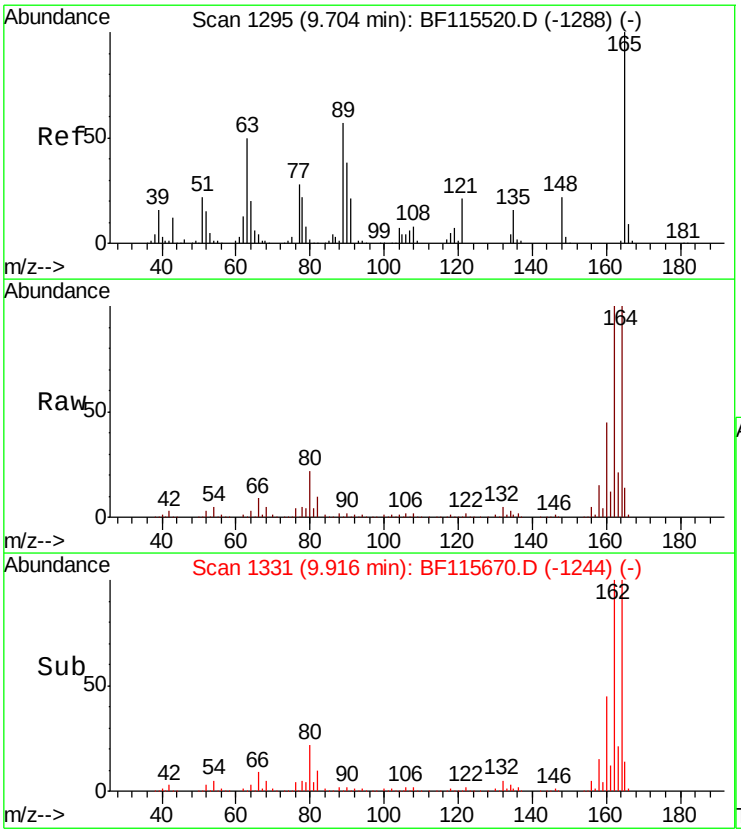
#50
Dimethylphthalate
Concen: 5.148 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF115670.D
Acq: 19 Jul 2019 12:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 152288

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.3	4.9
164	9.8	8.7	13.1

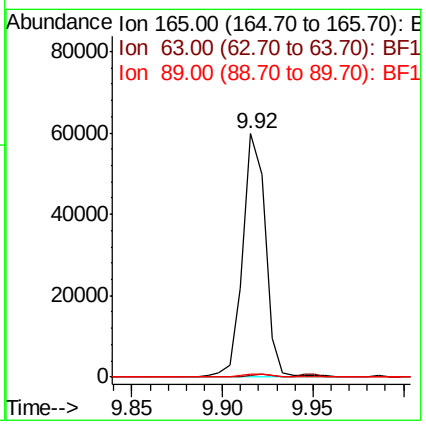


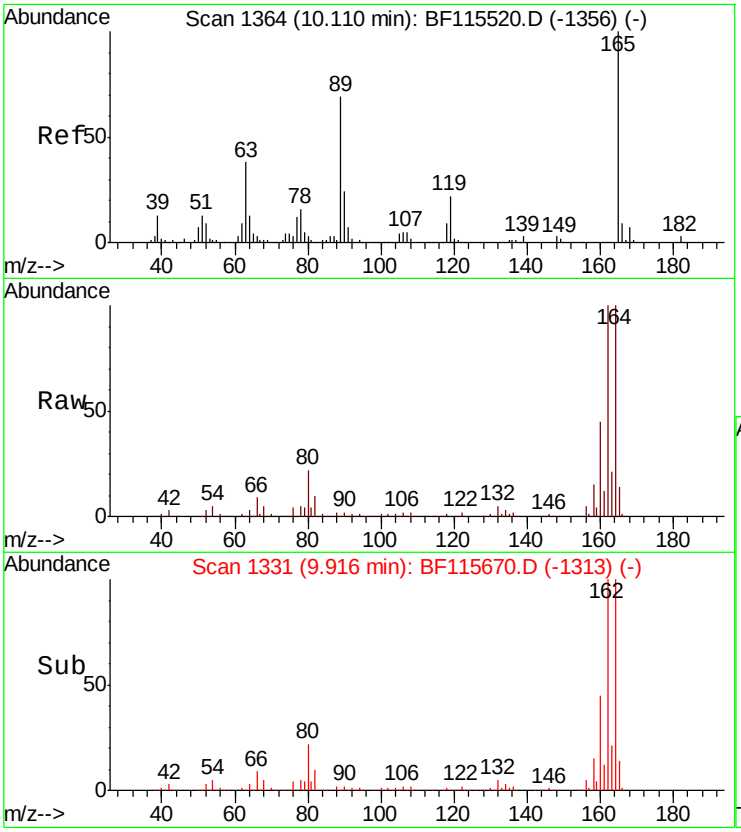


#51
2,6-Dinitrotoluene
Concen: 7.793 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.21 min
Lab File: BF115670.D
Acq: 19 Jul 2019 12:07

Tgt Ion:165 Resp: 52385

Ion	Ratio	Lower	Upper
165	100		
63	0.9	40.6	61.0#
89	1.4	43.9	65.9#



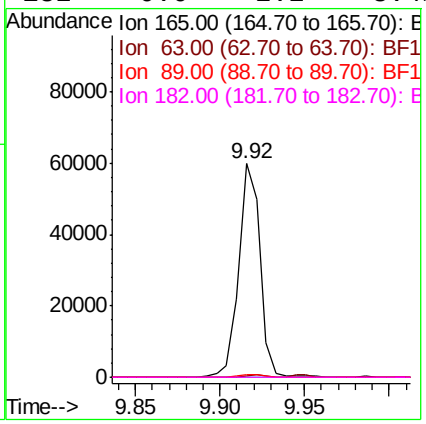


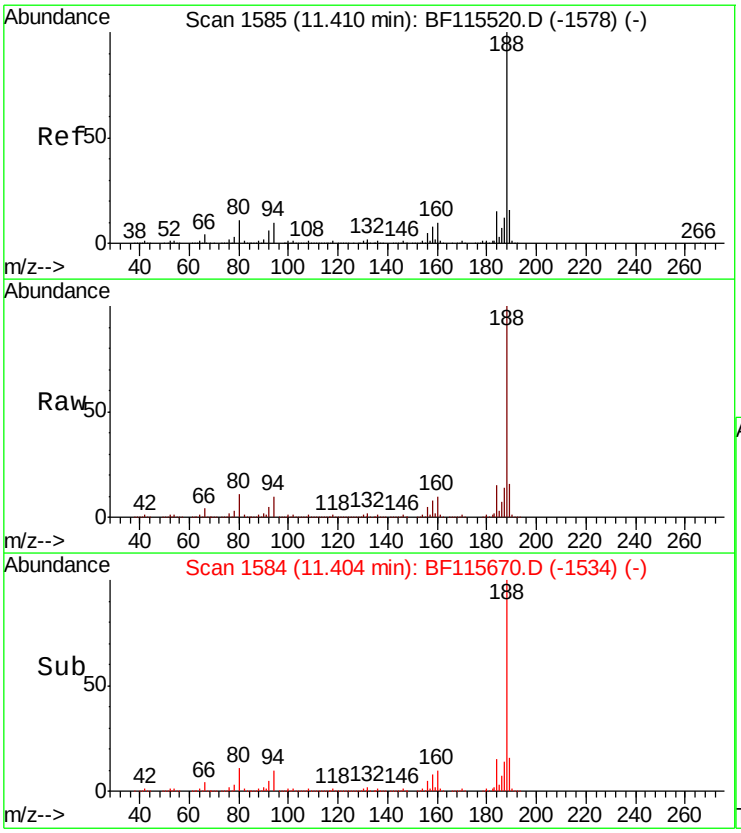
#57
2,4-Dinitrotoluene
Concen: 6.015 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF115670.D
Acq: 19 Jul 2019 12:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 52386

Ion	Ratio	Lower	Upper
165	100		
63	0.9	34.9	52.3#
89	1.4	57.5	86.3#
182	0.0	2.2	3.4#

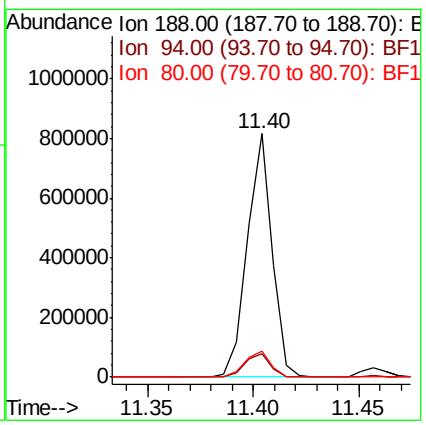


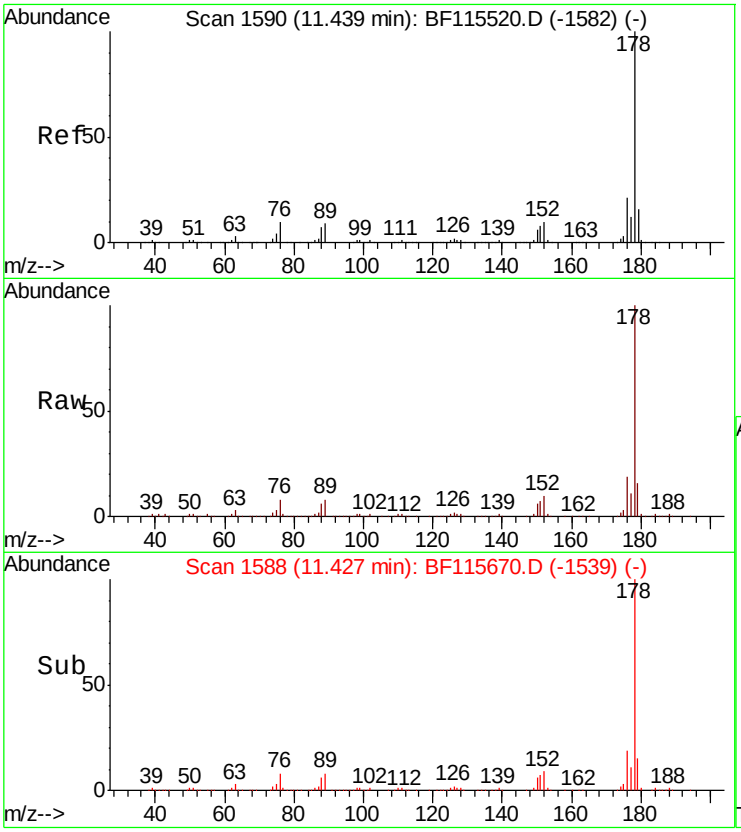


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115670.D
Acq: 19 Jul 2019 12:07

Tgt Ion:188 Resp: 667814

Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.8	11.6
80	10.6	8.6	13.0



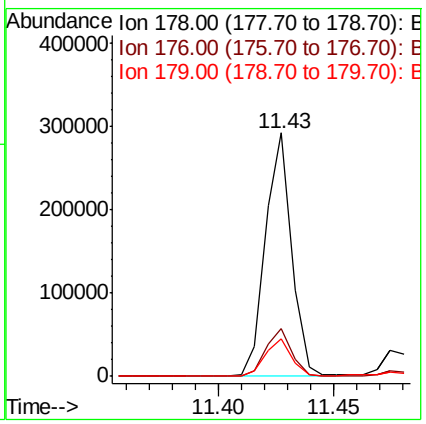


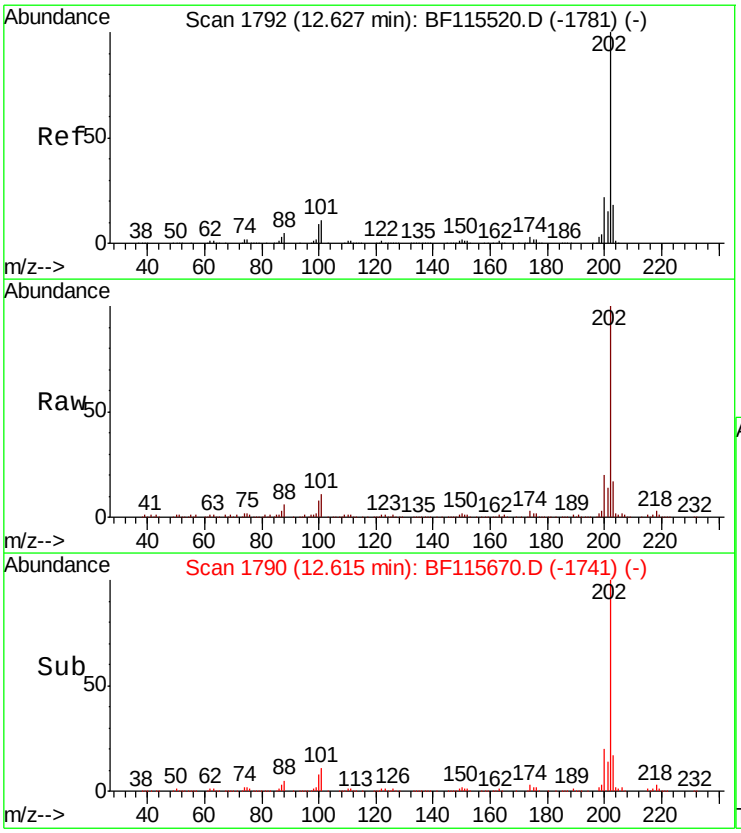
#71
Phenanthrene
Concen: 6.736 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF115670.D
Acq: 19 Jul 2019 12:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 230578

Ion	Ratio	Lower	Upper
178	100		
176	19.4	17.2	25.8
179	15.5	13.5	20.3

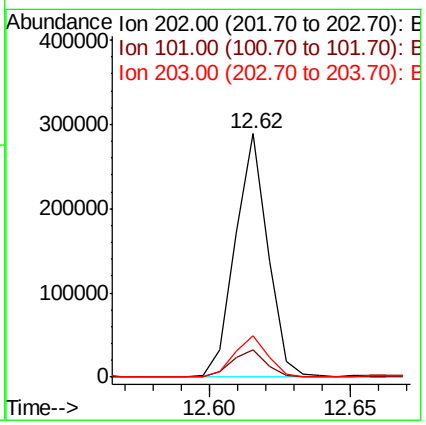


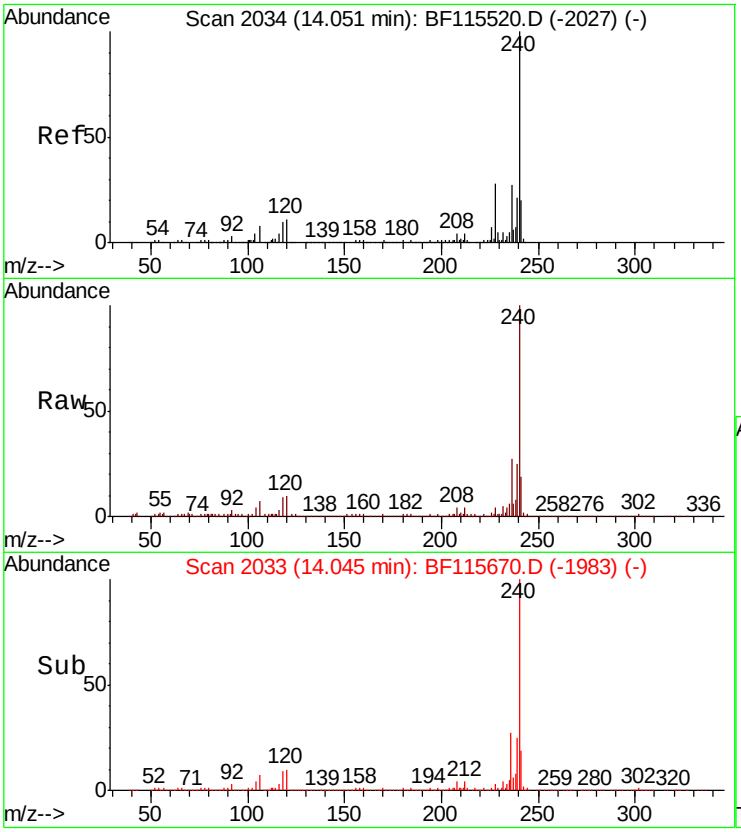


#75
Fluoranthene
Concen: 6.379 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF115670.D
Acq: 19 Jul 2019 12:07

Tgt Ion:202 Resp: 230752

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	31.4
203	16.9	0.0	38.1



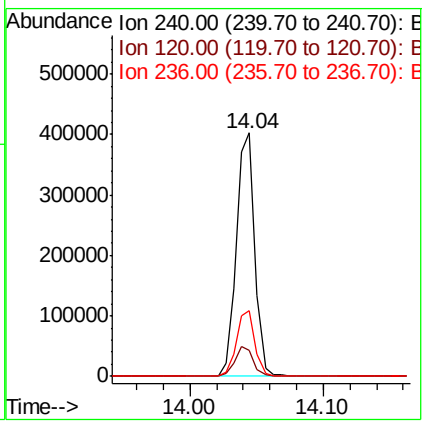


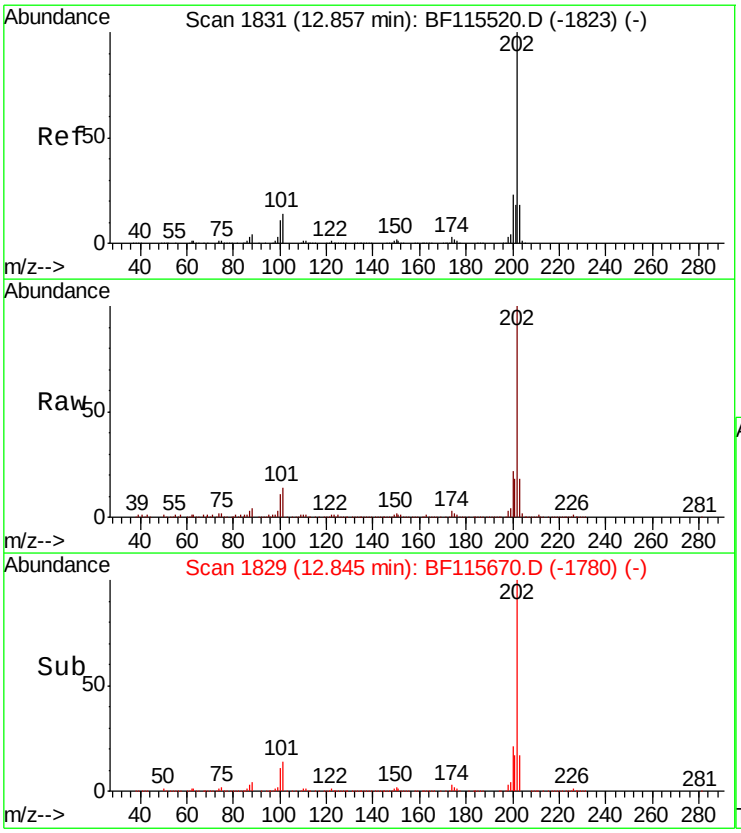
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF115670.D
Acq: 19 Jul 2019 12:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 386879

Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.6	13.0
236	26.9	21.3	31.9

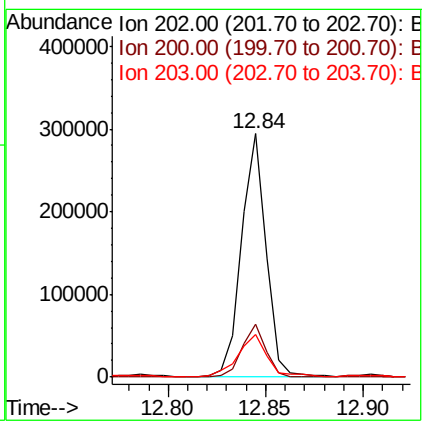


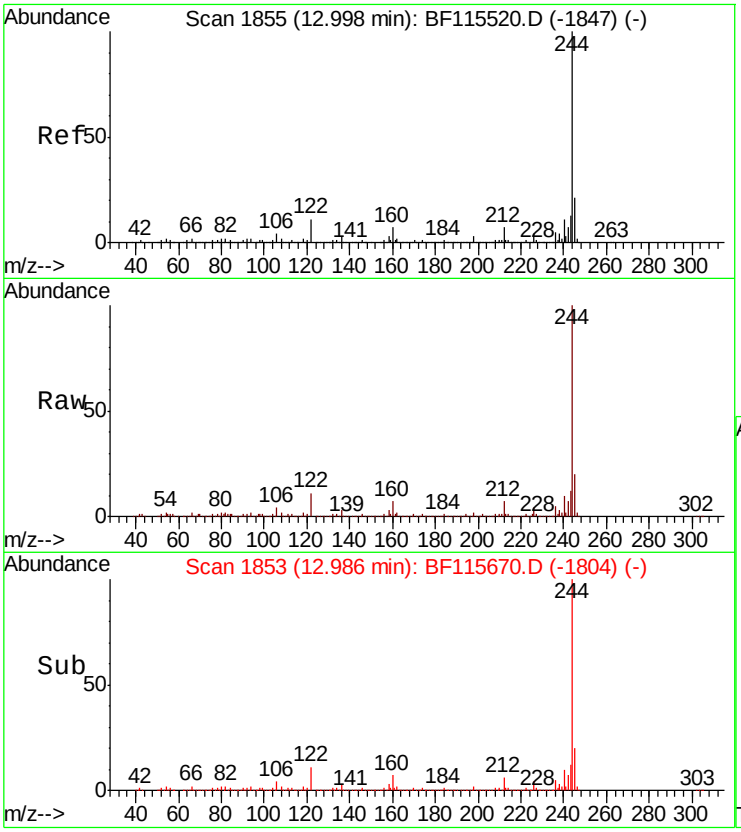


#78
Pyrene
Concen: 7.821 ng
RT: 12.84 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF115670.D
Acq: 19 Jul 2019 12:07

Tgt Ion:202 Resp: 256363

Ion	Ratio	Lower	Upper
202	100		
200	21.6	18.7	28.1
203	17.6	15.2	22.8



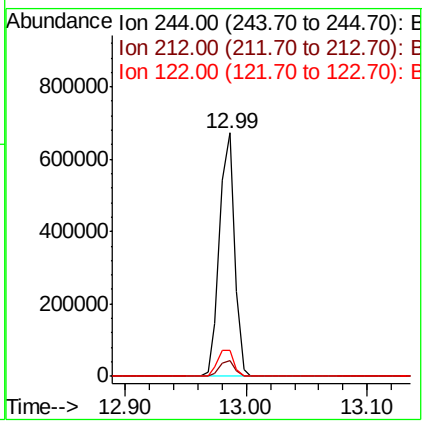


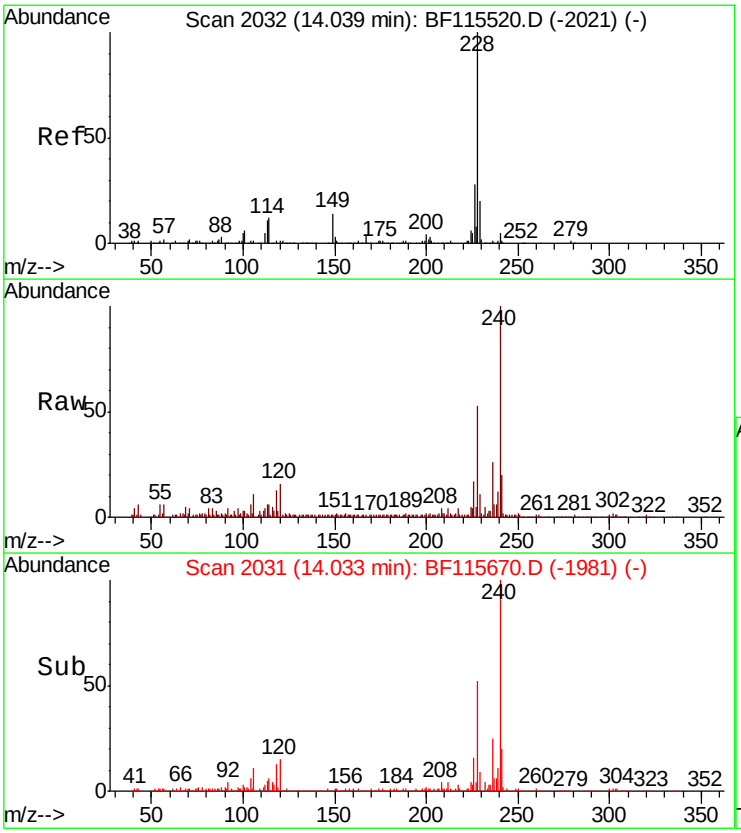
#79
Terphenyl-d14
Concen: 27.591 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BF115670.D
Acq: 19 Jul 2019 12:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 578506

Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.0	9.0
122	10.8	8.6	12.8

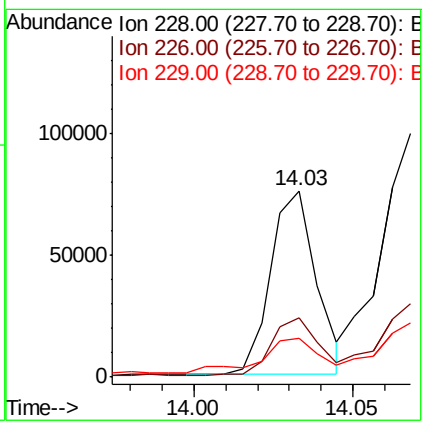


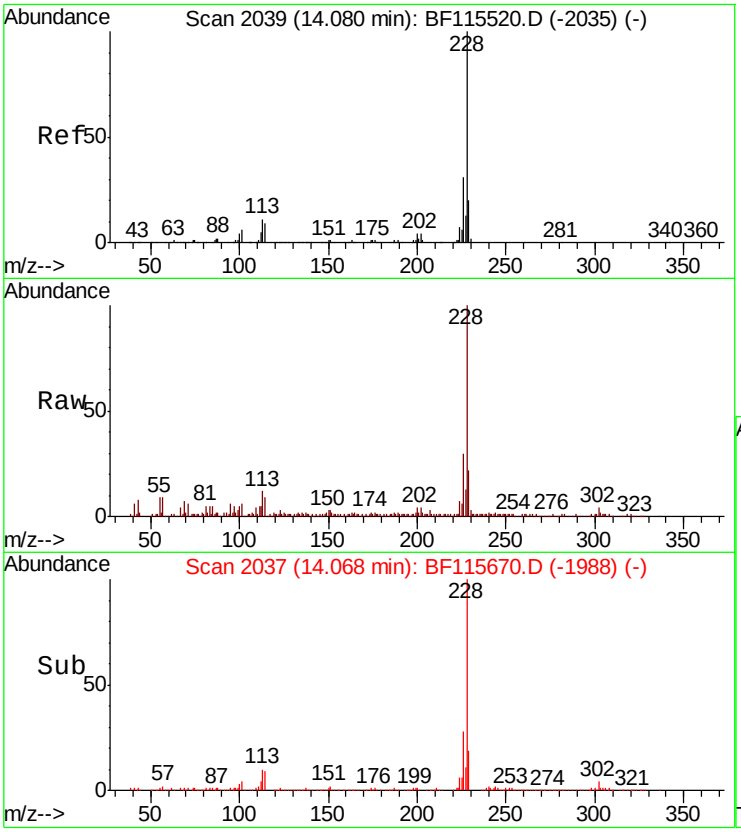


#81
Benzo(a)anthracene
Concen: 2.983 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF115670.D
Acq: 19 Jul 2019 12:07

Tgt Ion:228 Resp: 76036

Ion	Ratio	Lower	Upper
228	100		
226	31.8	23.4	35.0
229	21.0	17.2	25.8



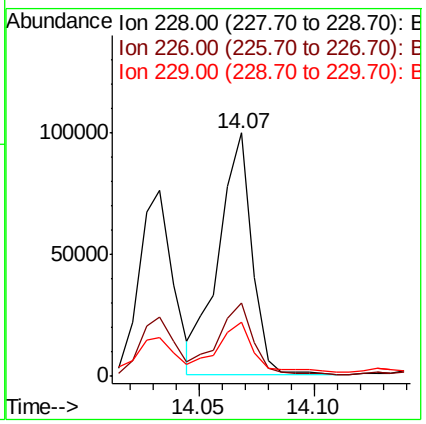


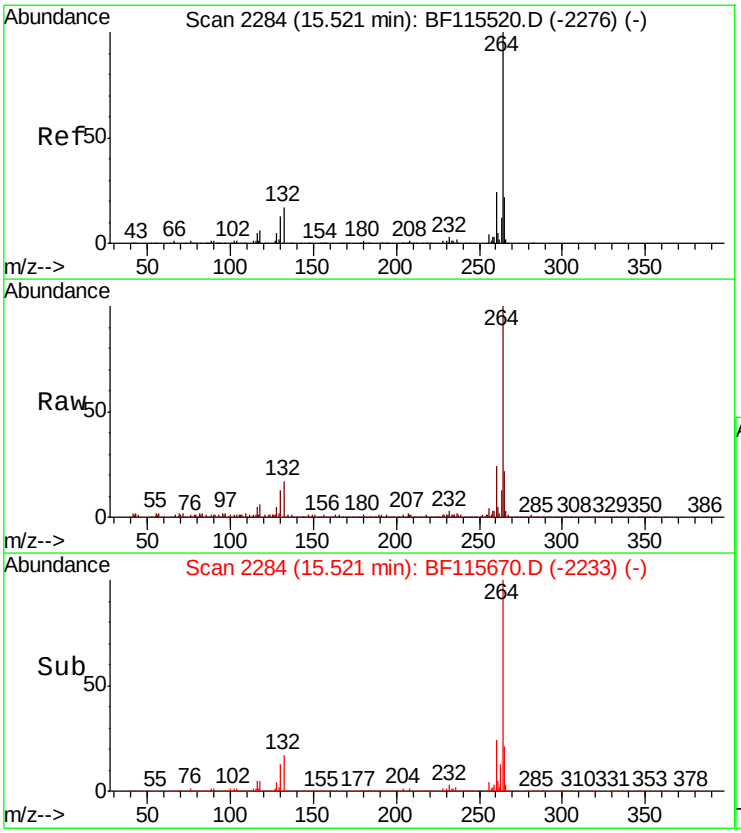
#83
Chrysene
Concen: 3.861 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF115670.D
Acq: 19 Jul 2019 12:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 98782

Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.7	38.5
229	22.4	16.6	25.0

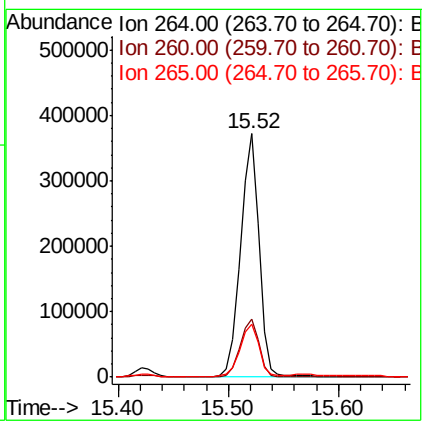


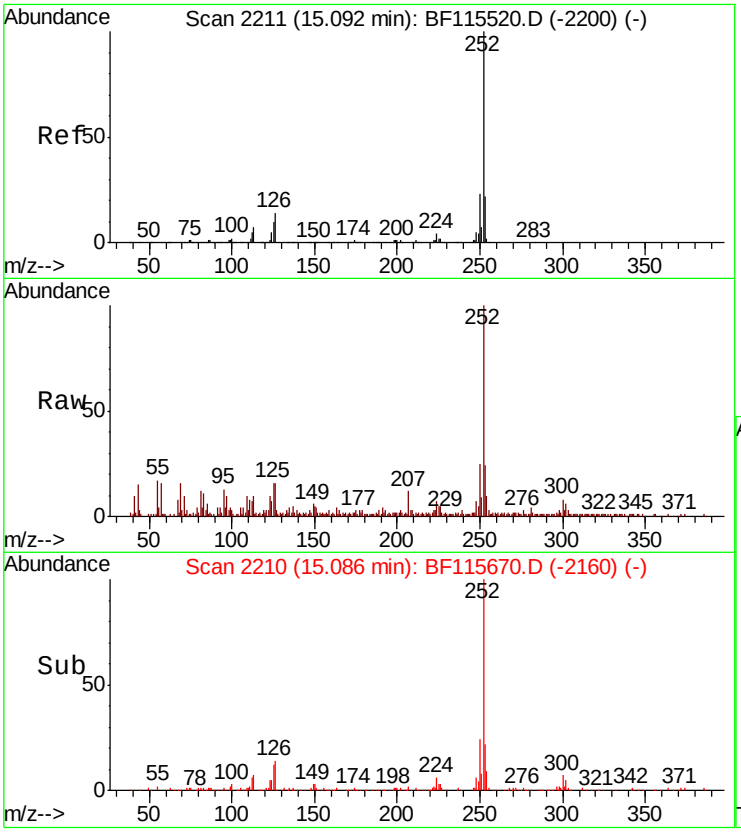


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. -0.00 min
Lab File: BF115670.D
Acq: 19 Jul 2019 12:07

Tgt Ion:264 Resp: 435841

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.8	29.8
265	21.7	17.7	26.5



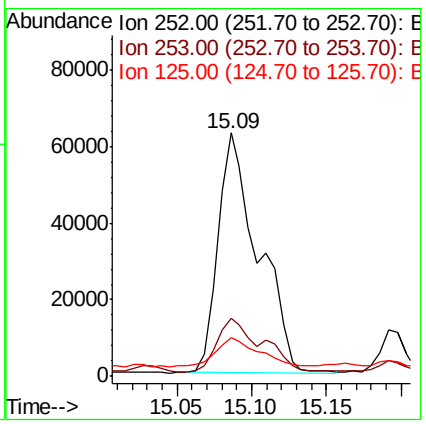


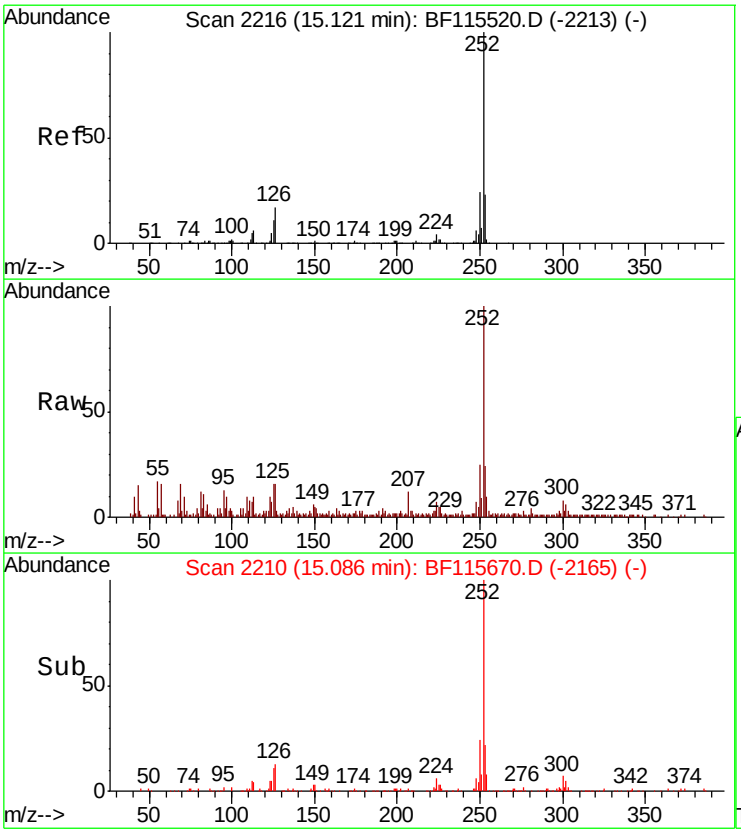
#88
Benzo(b)fluoranthene
Concen: 4.215 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF115670.D
Acq: 19 Jul 2019 12:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 118282

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.1	27.1
125	15.9	9.0	13.4#

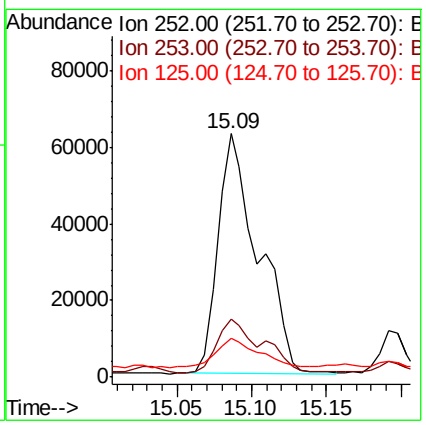


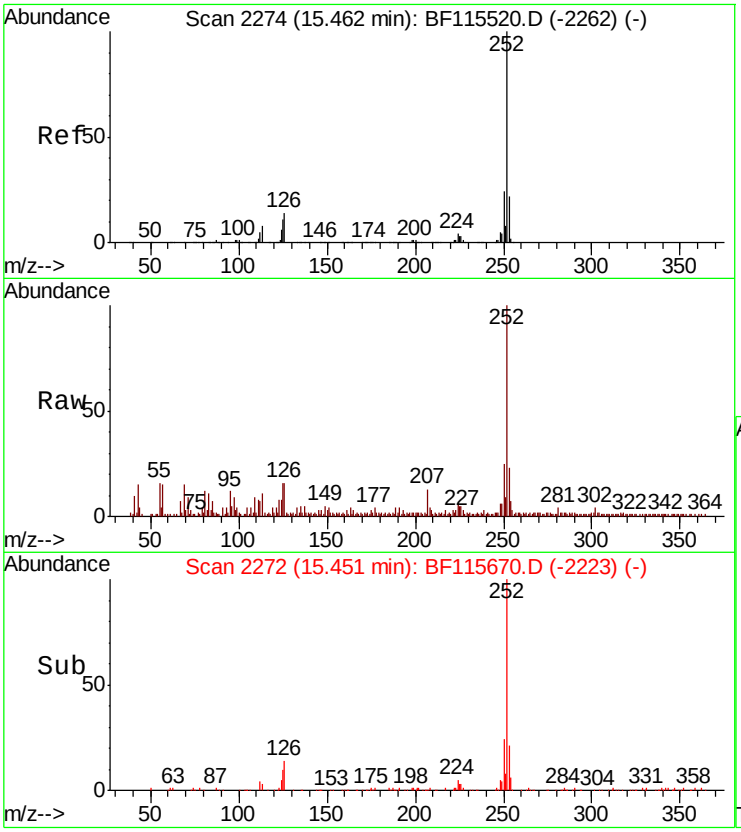


#89
Benzo(k)fluoranthene
Concen: 4.727 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.04 min
Lab File: BF115670.D
Acq: 19 Jul 2019 12:07

Tgt Ion:252 Resp: 118282

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.6	28.0
125	15.9	9.0	13.6#



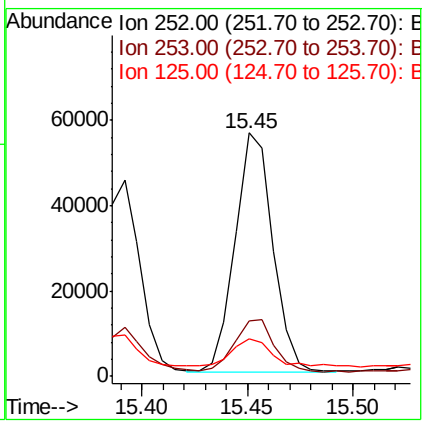


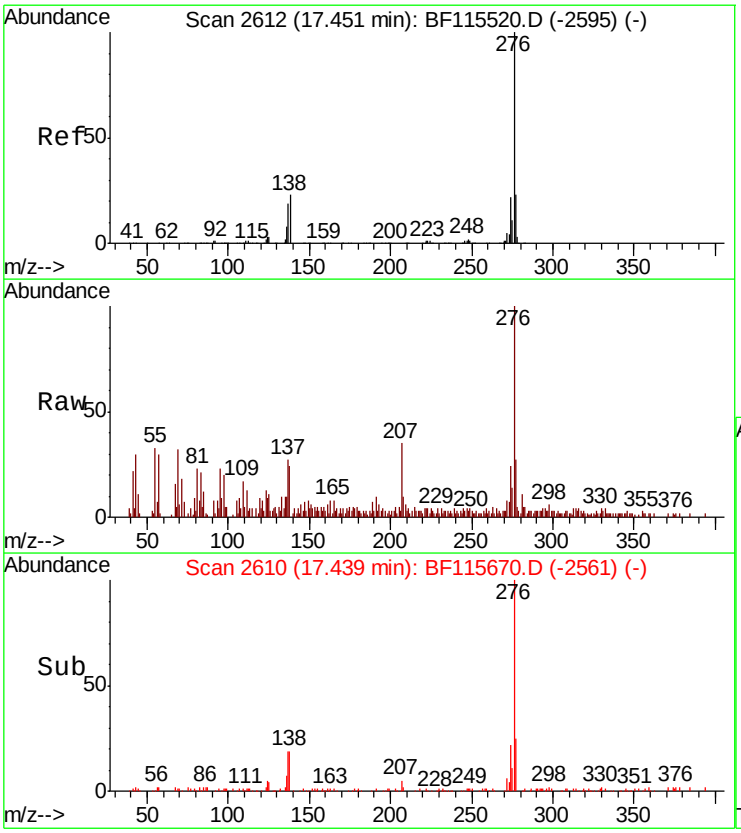
#90
Benzo(a)pyrene
Concen: 2.894 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF115670.D
Acq: 19 Jul 2019 12:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 69799

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.6
125	15.7	9.1	13.7#





#92
Benzo(g,h,i)perylene
Concen: 2.091 ng
RT: 17.44 min Scan# 2610
Delta R.T. -0.01 min
Lab File: BF115670.D
Acq: 19 Jul 2019 12:07

Tgt Ion:276 Resp: 44157

Ion	Ratio	Lower	Upper
276	100		
277	27.2	19.0	28.4
138	23.9	17.2	25.8