Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
Data File : BF116826.D
Acq On : 4 Sep 2019 20:03
Operator : HP/JU
Sample : K4668-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 05 02:09:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	69134	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	271189	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	130902	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	186254	20.00	ng		0.00
76) Chrysene-d12	14.00	240	141174	20.00	ng		0.00
87) Perylene-d12	15.46	264	107263	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	401296	94.04	ng		0.00
7) Phenol-d6	6.48	99	544049	97.09	ng		0.00
23) Nitrobenzene-d5	7.40	82	330184	69.51	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	89805	102.62	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	583652	75.21	ng		0.00
79) Terphenyl-d14	12.95	244	449820	58.94	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.49	94	13451	2.168	ng		94
19) n-Nitroso-di-n-propylamine	7.40	70	42803	11.601	ng	#	72
25) Isophorone	7.40	82	330178	34.301	ng	#	66
50) Dimethylphthalate	9.59	163	69769	7.720	ng		98
57) 2,4-Dinitrotoluene	9.88	165	16736	7.938	ng	#	21
65) 4,6-Dinitro-2-methylphenol	10.67	198	171	7.662	ng	#	1
67) 4-Bromophenyl-phenylether	10.67	248	6360	3.361	ng	#	1
71) Phenanthrene	11.39	178	27291	2.632	ng		99
75) Fluoranthene	12.57	202	39041	3.832	ng		99
78) Pyrene	12.80	202	34484	2.748	ng		97
88) Benzo(b)fluoranthene	15.03	252	19451	2.999	ng	#	60
89) Benzo(k)fluoranthene	15.03	252	19451	3.290	ng	#	60

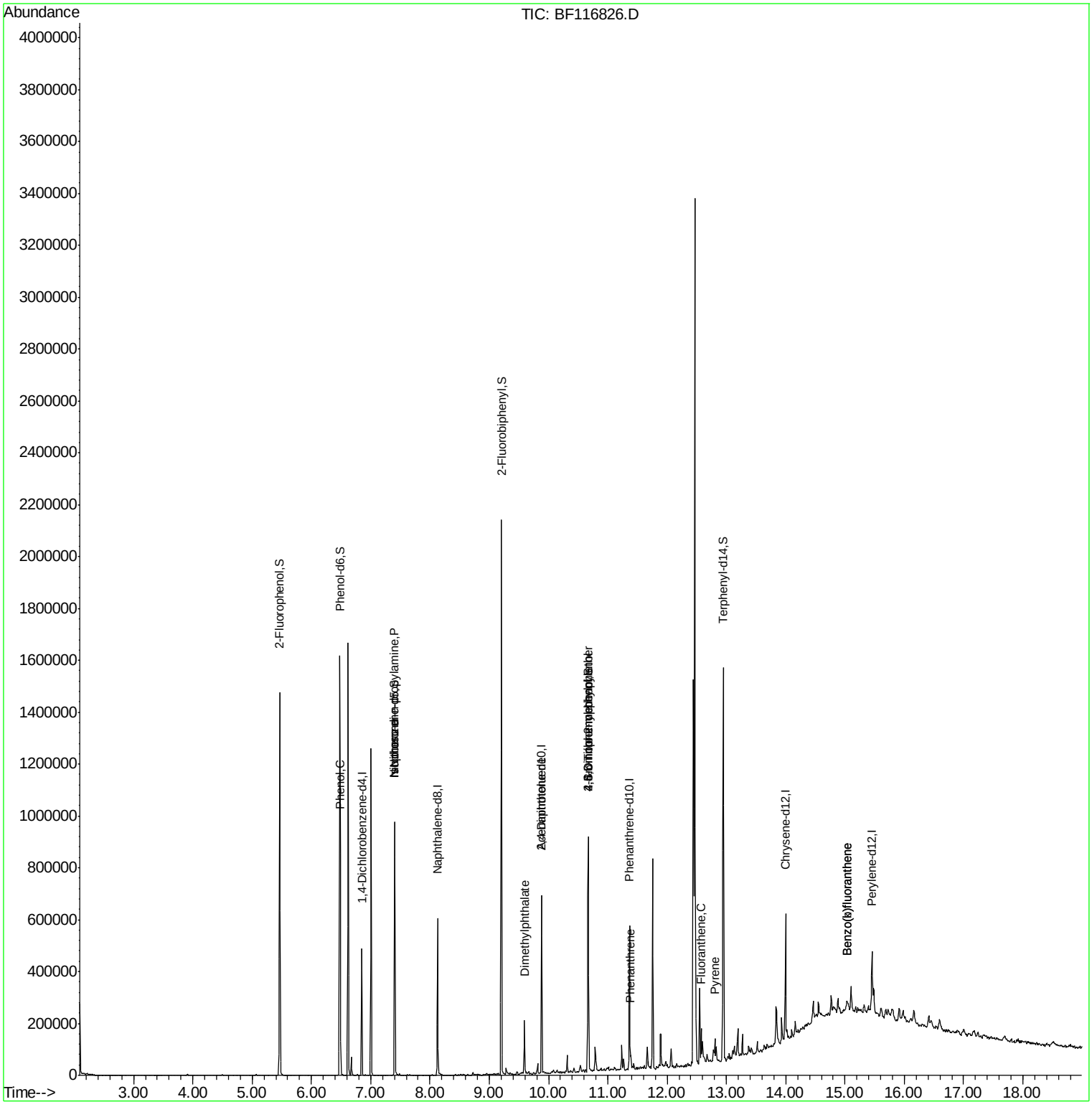
(#) = qualifier out of range (m) = manual integration (+) = signals summed

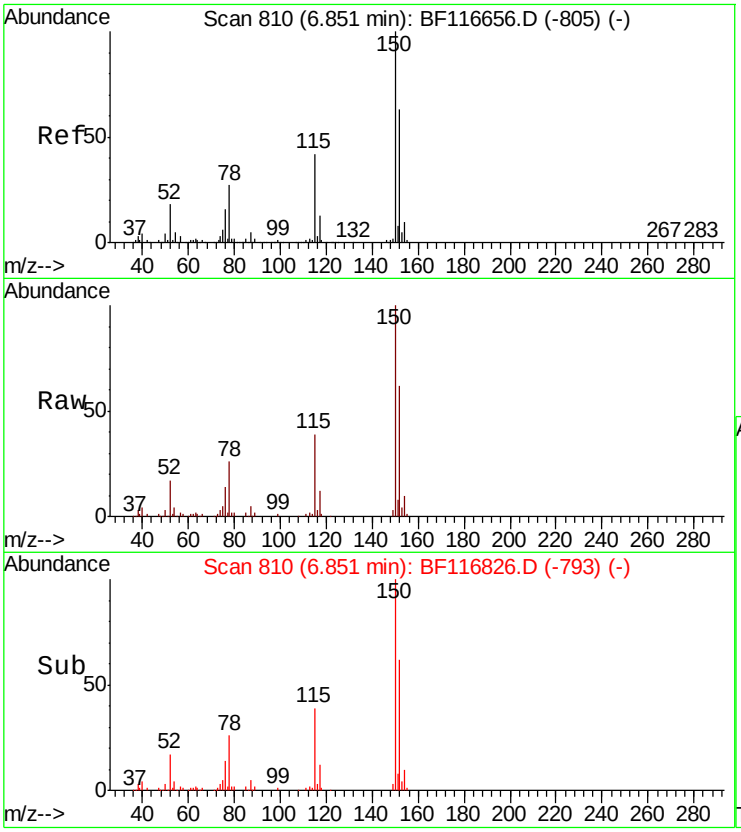
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
Data File : BF116826.D
Acq On : 4 Sep 2019 20:03
Operator : HP/JU
Sample : K4668-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 05 02:09:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
Response via : Initial Calibration



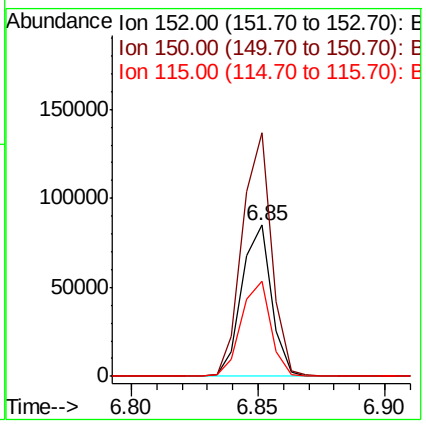


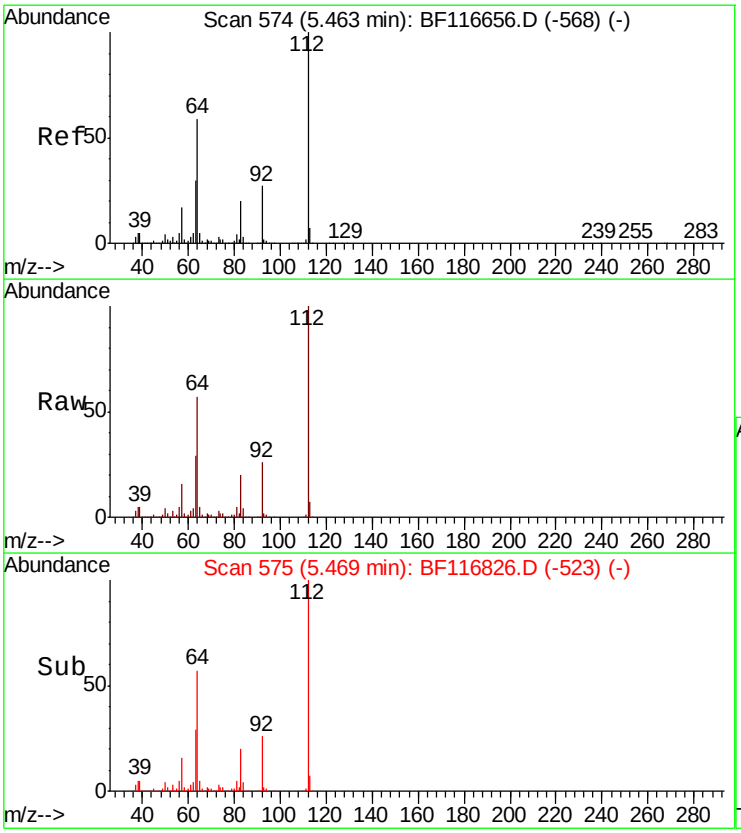
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF116826.D
Acq: 4 Sep 2019 20:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 69134

Ion	Ratio	Lower	Upper
152	100		
150	161.0	124.4	186.6
115	62.7	49.9	74.9

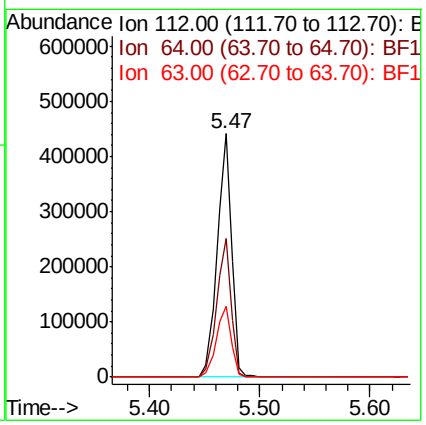


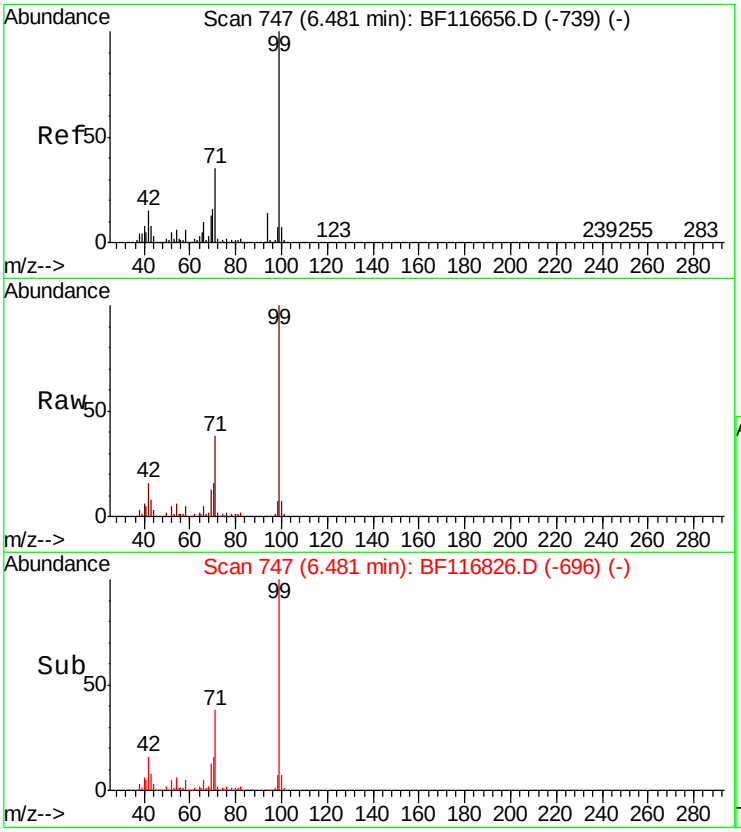


#5
2-Fluorophenol
Concen: 94.038 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF116826.D
Acq: 4 Sep 2019 20:03

Tgt Ion:112 Resp: 401296

Ion	Ratio	Lower	Upper
112	100		
64	56.7	47.1	70.7
63	29.1	24.9	37.3



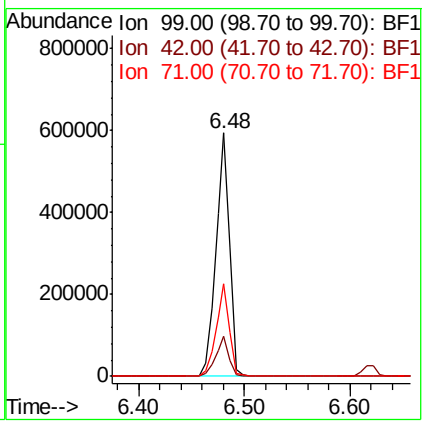


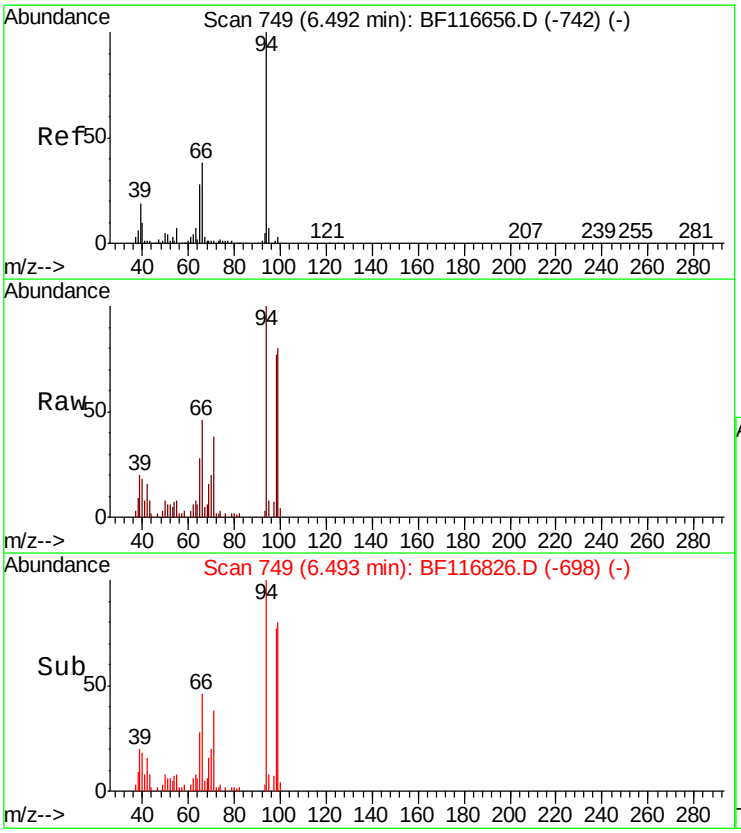
#7
Phenol-d6
Concen: 97.090 ng
RT: 6.48 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF116826.D
Acq: 4 Sep 2019 20:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 544049

Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.7	20.5
71	38.1	30.8	46.2

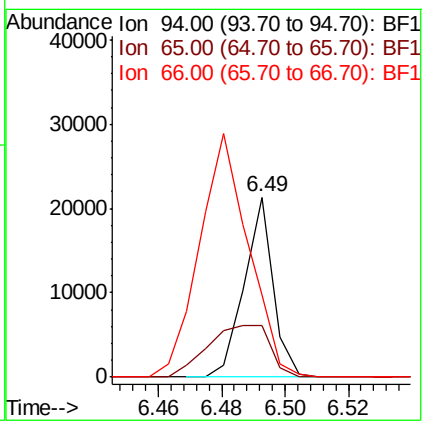


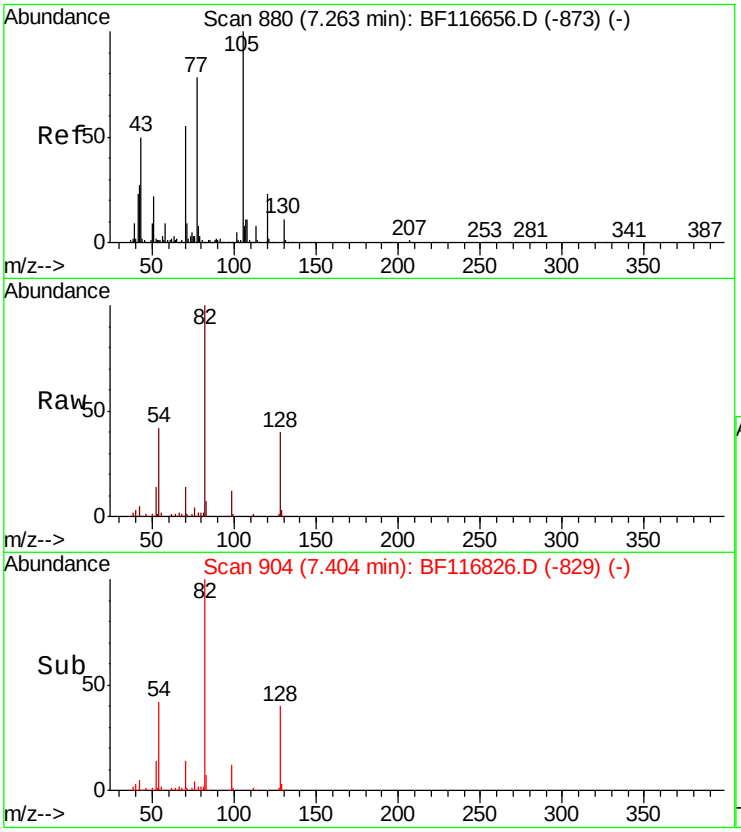


#10
Phenol
Concen: 2.168 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF116826.D
Acq: 4 Sep 2019 20:03

Tgt Ion: 94 Resp: 13451

Ion	Ratio	Lower	Upper
94	100		
65	28.4	10.8	50.8
66	45.8	21.1	61.1



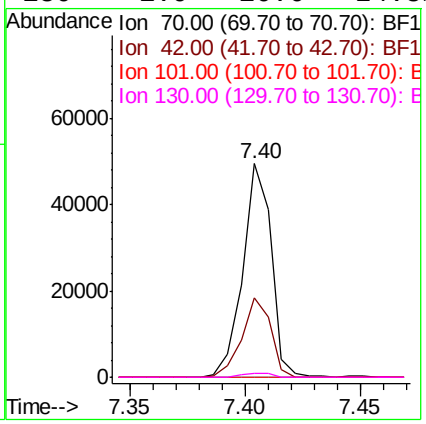


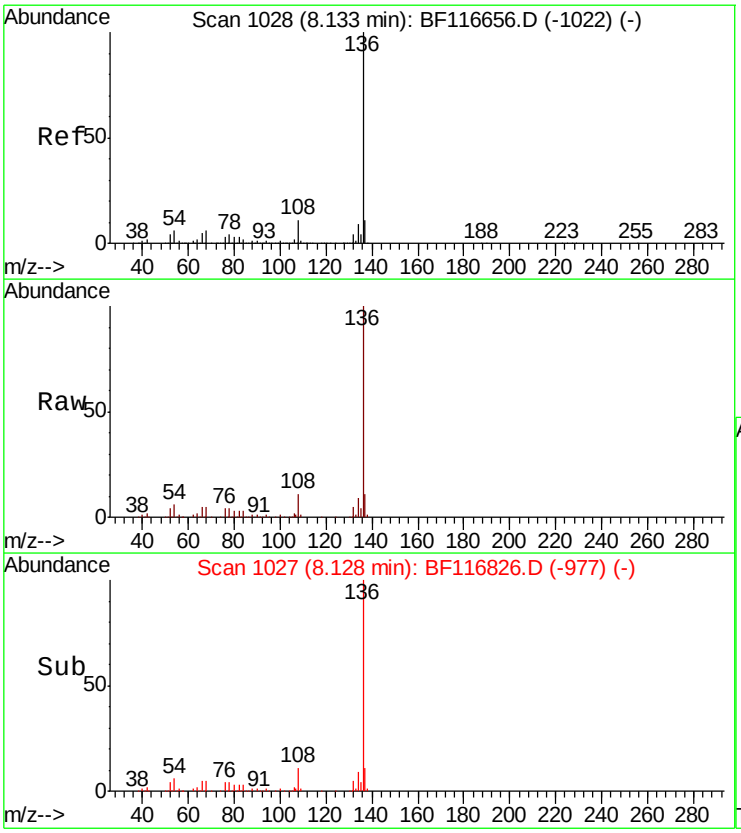
#19
n-Nitroso-di-n-propylamine
Concen: 11.601 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.14 min
Lab File: BF116826.D
Acq: 4 Sep 2019 20:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 42803

Ion	Ratio	Lower	Upper
70	100		
42	36.9	43.5	65.3#
101	0.0	7.8	11.6#
130	1.9	16.6	24.8#

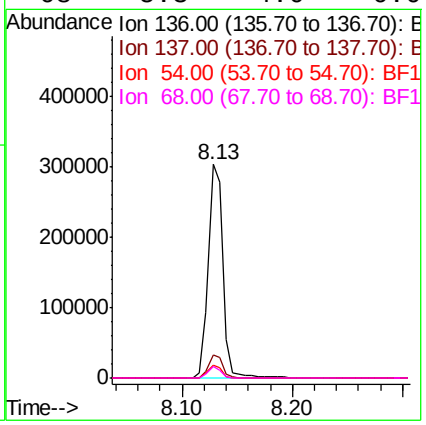


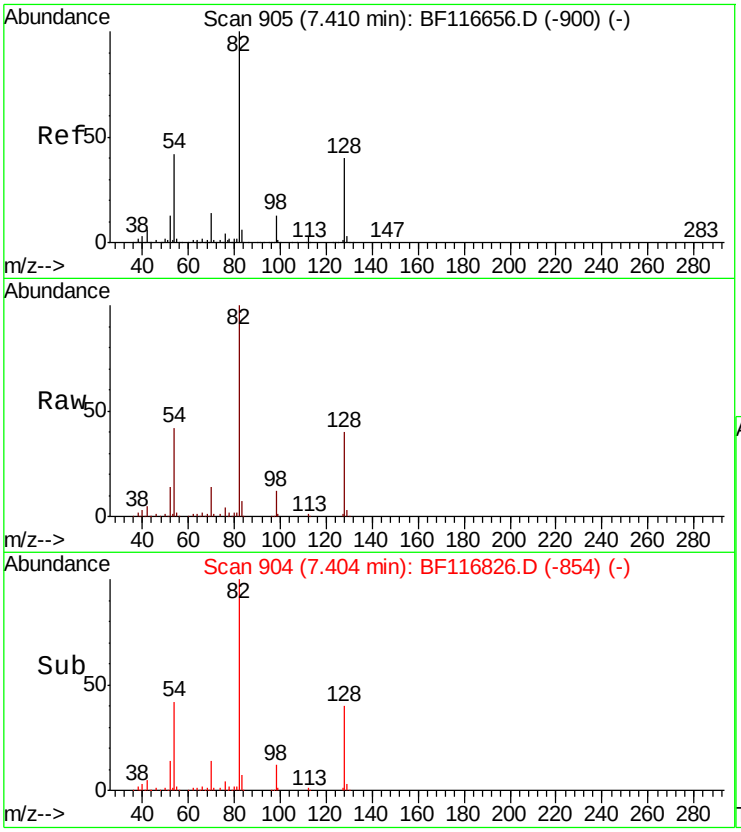


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116826.D
Acq: 4 Sep 2019 20:03

Tgt Ion:136 Resp: 271189

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.2	4.8	7.2
68	5.3	4.0	6.0



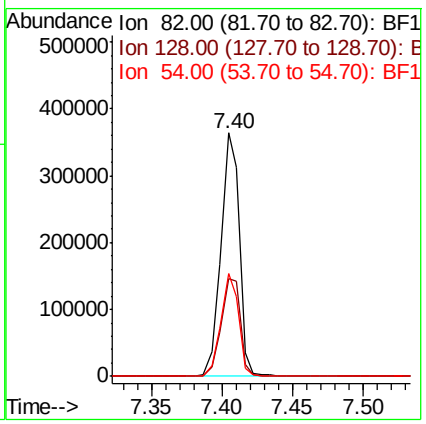


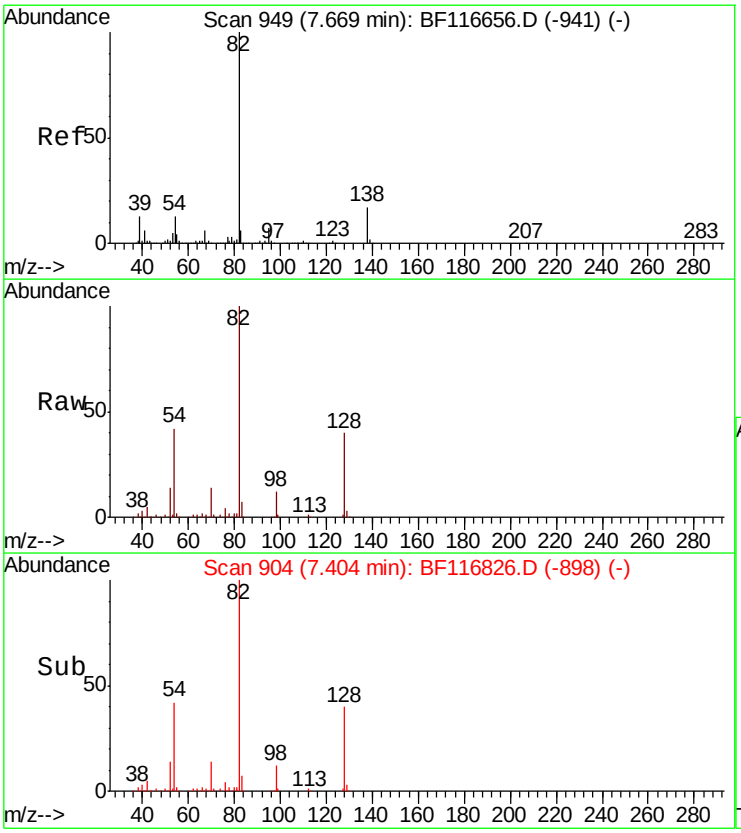
#23
Nitrobenzene-d5
Concen: 69.506 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116826.D
Acq: 4 Sep 2019 20:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 330184

Ion	Ratio	Lower	Upper
82	100		
128	40.3	32.8	49.2
54	42.1	36.9	55.3

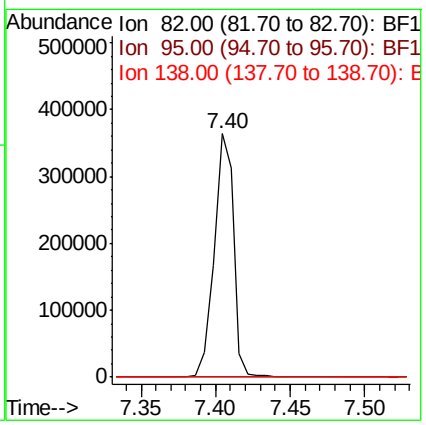


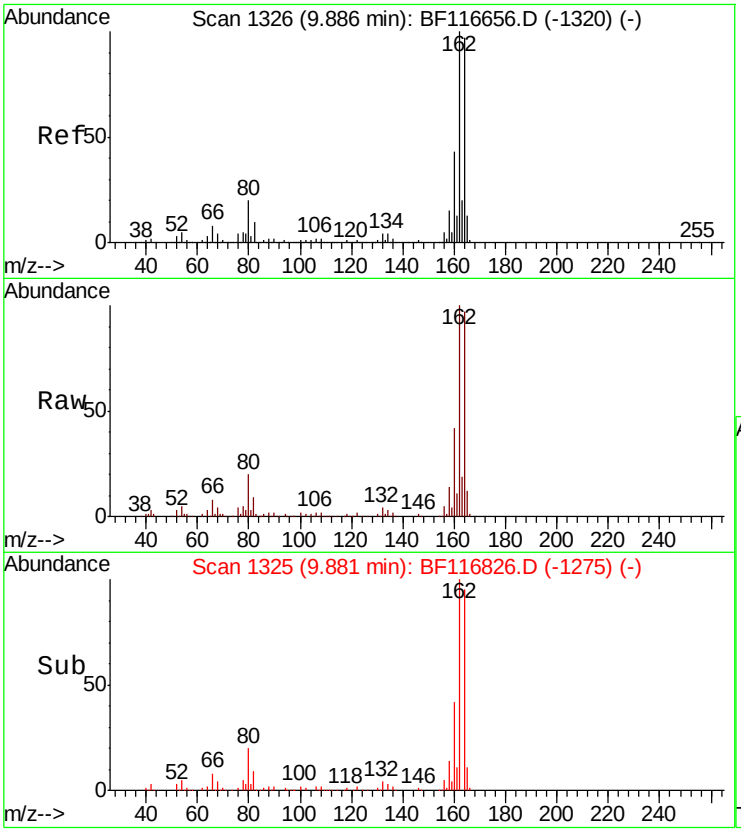


#25
Isophorone
Concen: 34.301 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.26 min
Lab File: BF116826.D
Acq: 4 Sep 2019 20:03

Tgt Ion: 82 Resp: 330178

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	13.5	20.3#



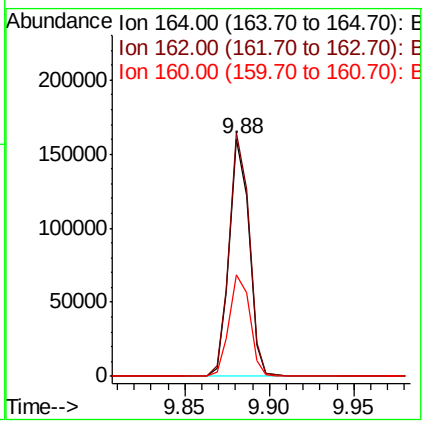


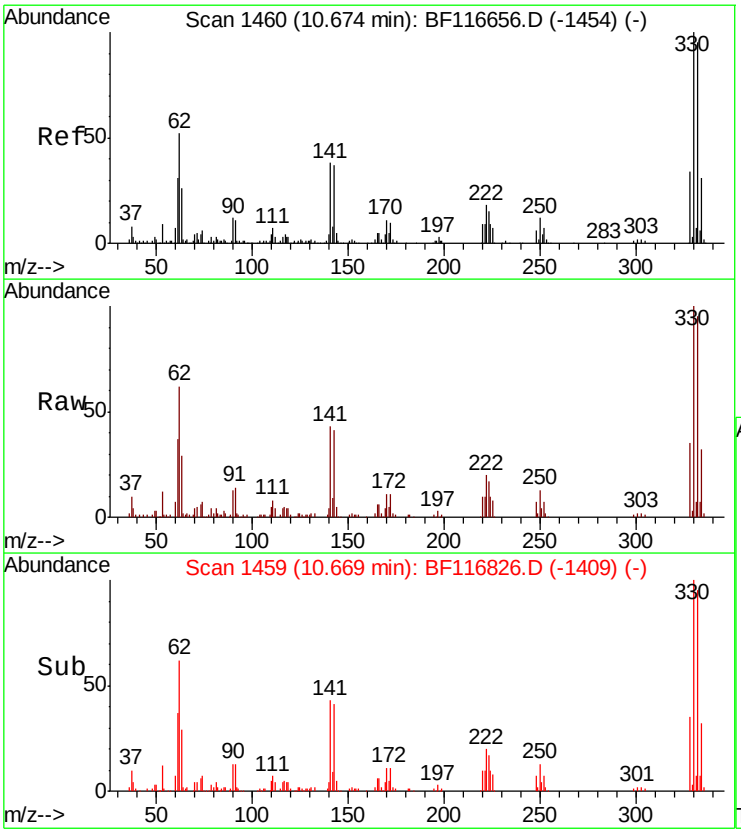
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116826.D
Acq: 4 Sep 2019 20:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 130902

Ion	Ratio	Lower	Upper
164	100		
162	102.6	81.4	122.0
160	42.7	35.4	53.2

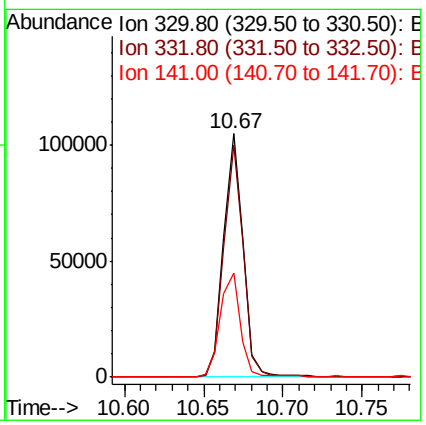


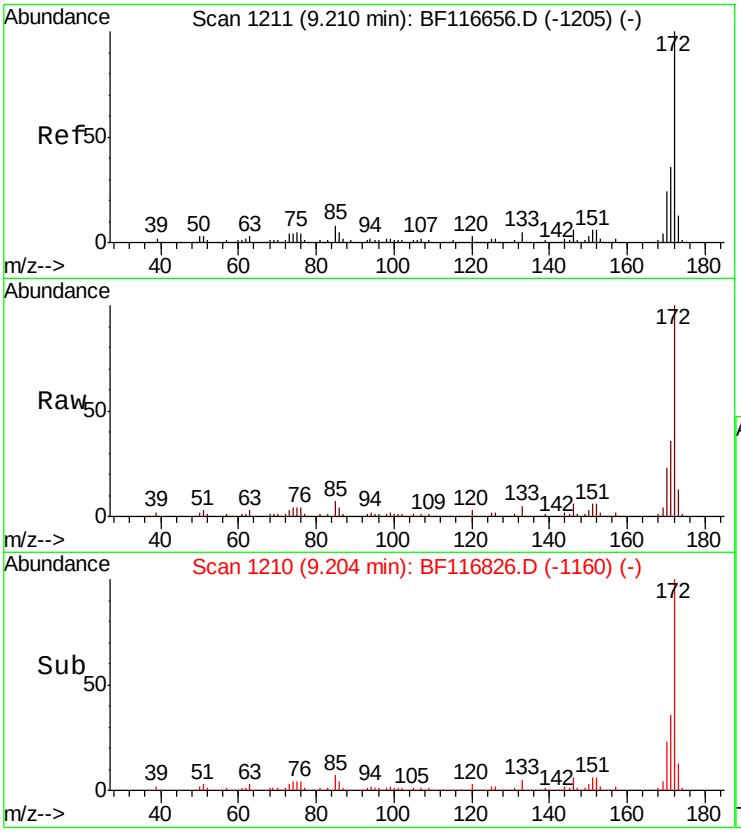


#42
2,4,6-Tribromophenol
Concen: 102.622 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF116826.D
Acq: 4 Sep 2019 20:03

Tgt Ion:330 Resp: 89805

Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.9	115.3
141	44.7	31.4	47.2

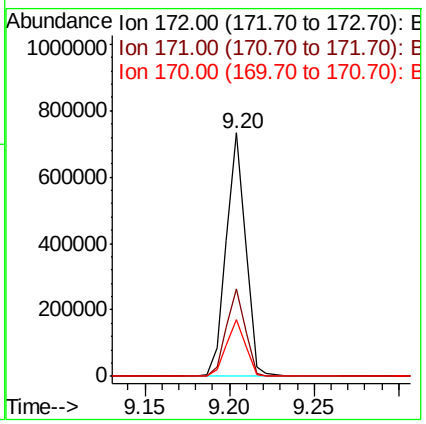




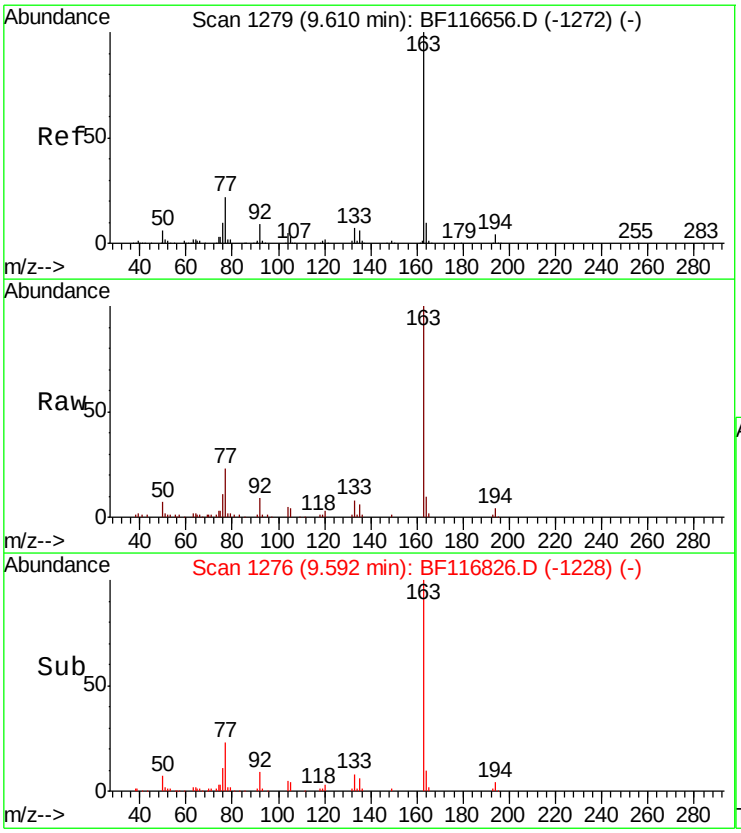
#45
2-Fluorobiphenyl
Concen: 75.213 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BF116826.D
Acq: 4 Sep 2019 20:03

Tgt Ion:172 Resp: 583652

Ion	Ratio	Lower	Upper
172	100		
171	35.8	27.8	41.6
170	23.4	18.9	28.3



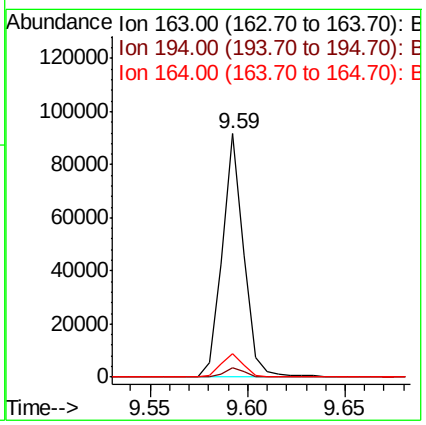
Instrument :
BNA_F
ClientSampleId :

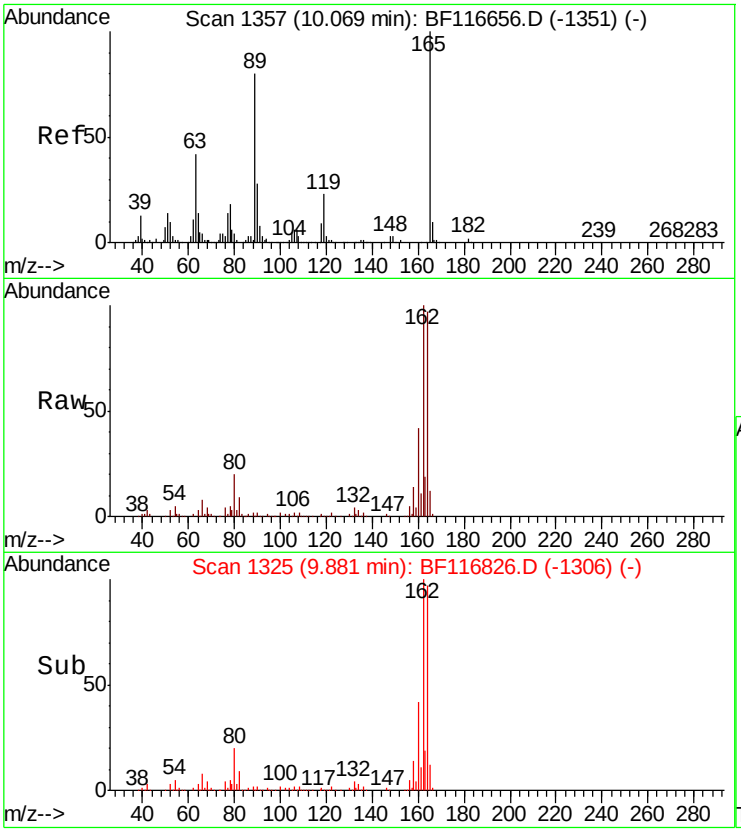


#50
Dimethylphthalate
Concen: 7.720 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF116826.D
Acq: 4 Sep 2019 20:03

Tgt Ion:163 Resp: 69769

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.8	4.2
164	9.6	8.6	12.8



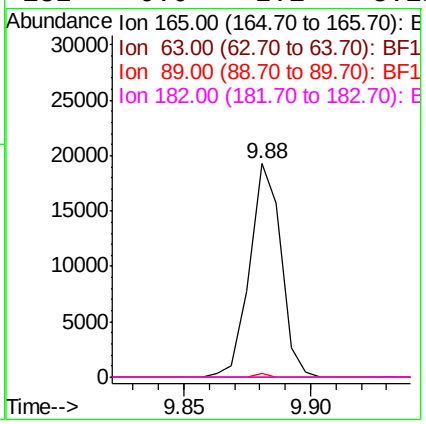


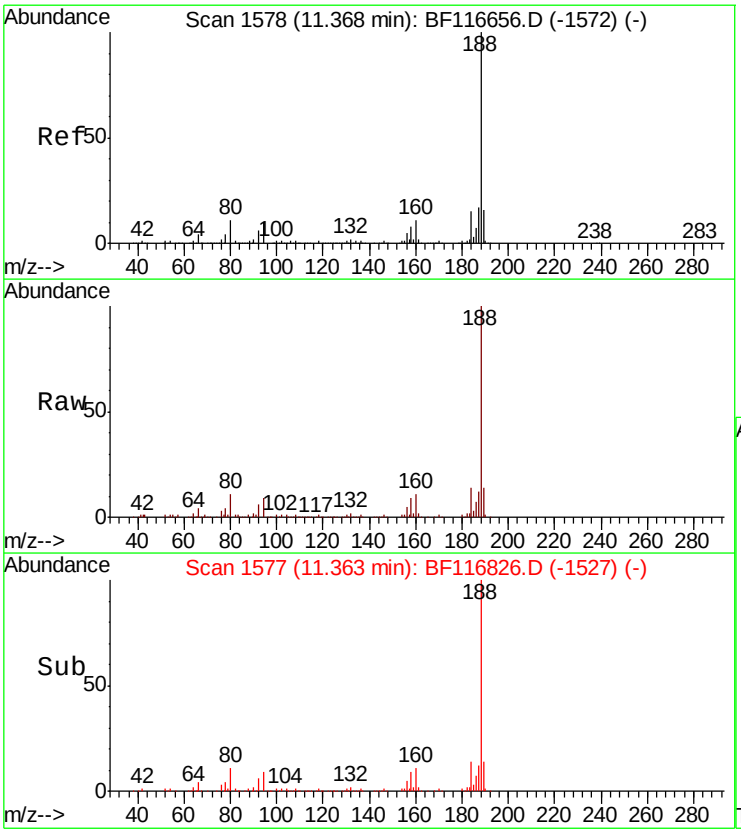
#57
2,4-Dinitrotoluene
Concen: 7.938 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.19 min
Lab File: BF116826.D
Acq: 4 Sep 2019 20:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 16736

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.8	62.6	94.0#
182	0.0	2.1	3.1#

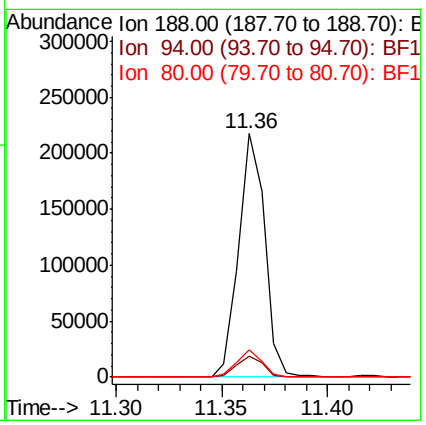


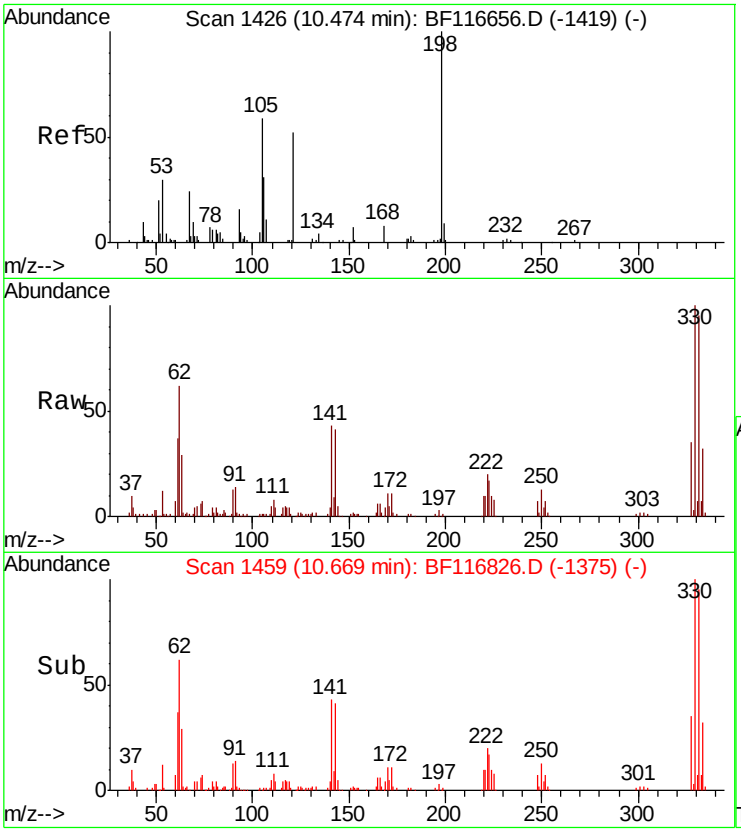


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116826.D
Acq: 4 Sep 2019 20:03

Tgt Ion:188 Resp: 186254

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.3	10.9
80	11.4	8.4	12.6



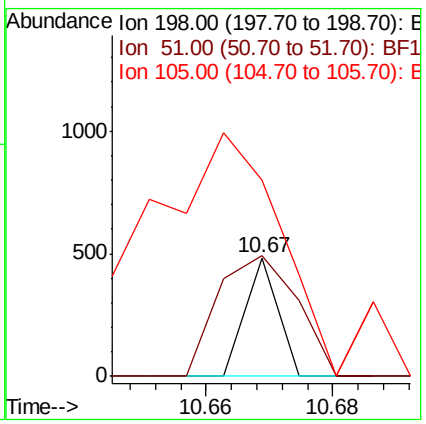


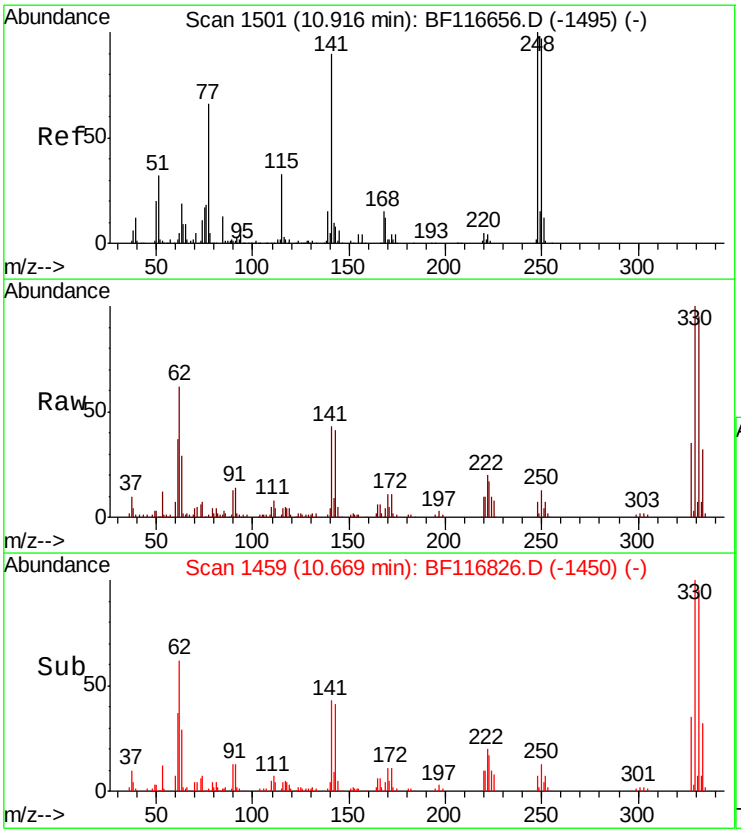
#65
4,6-Dinitro-2-methylphenol
Concen: 7.662 ng
RT: 10.67 min Scan# 1459
Delta R.T. 0.19 min
Lab File: BF116826.D
Acq: 4 Sep 2019 20:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 171

Ion	Ratio	Lower	Upper
198	100		
51	101.2	18.4	58.4#
105	165.7	22.9	62.9#

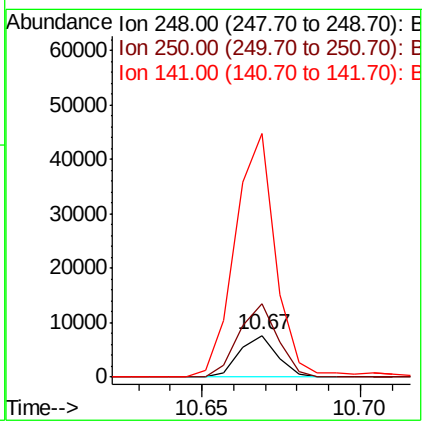


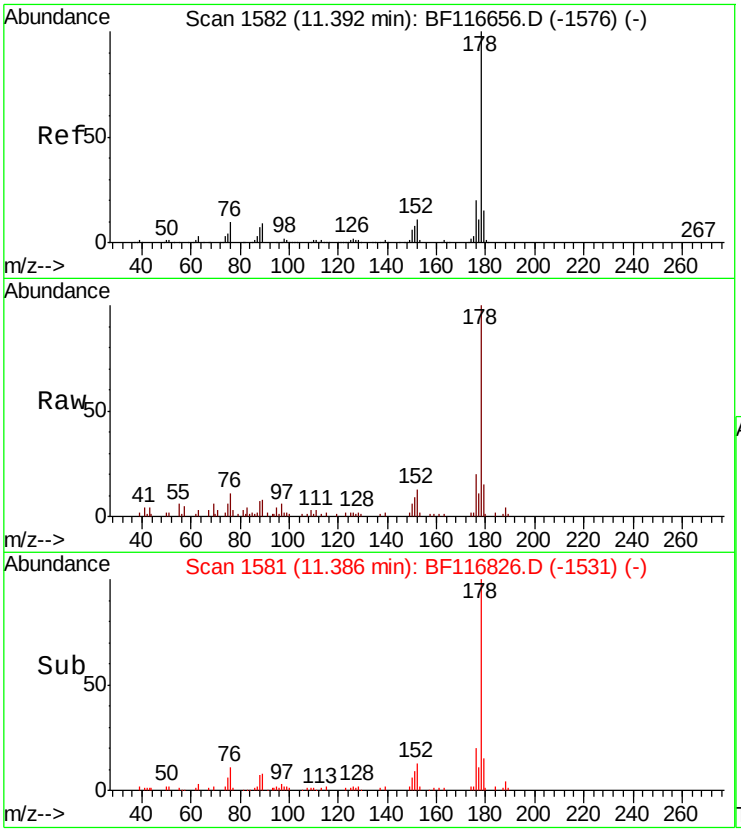


#67
4-Bromophenyl-phenylether
Concen: 3.361 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.25 min
Lab File: BF116826.D
Acq: 4 Sep 2019 20:03

Tgt Ion:248 Resp: 6360

Ion	Ratio	Lower	Upper
248	100		
250	176.2	77.8	116.8#
141	587.8	75.9	113.9#



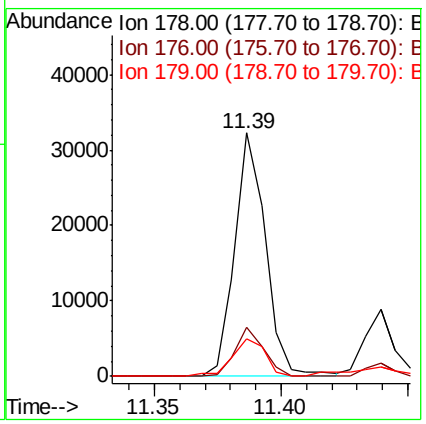


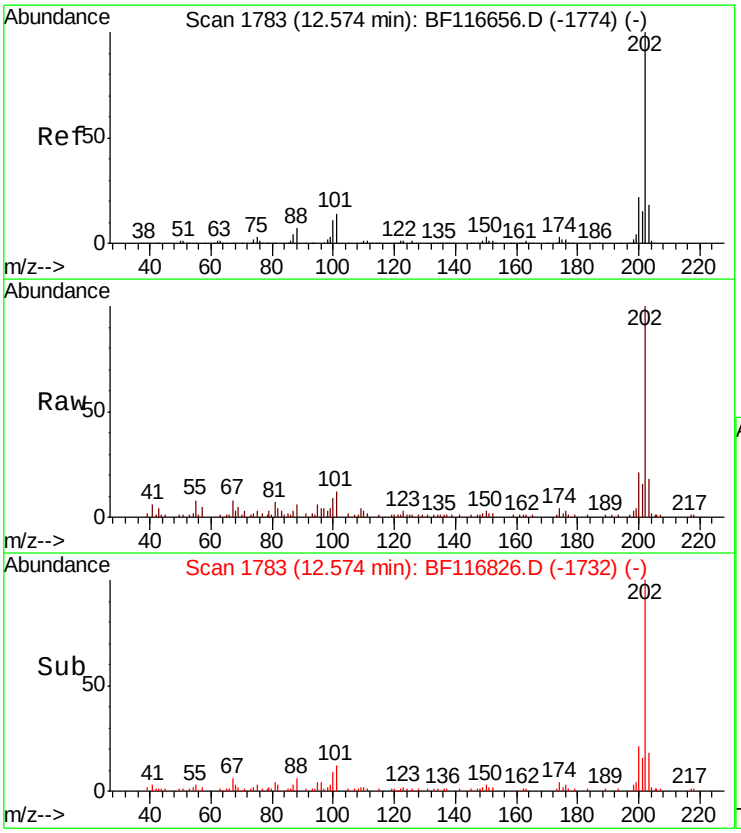
#71
Phenanthrene
Concen: 2.632 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF116826.D
Acq: 4 Sep 2019 20:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 27291

Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.4	23.0
179	15.2	12.2	18.2

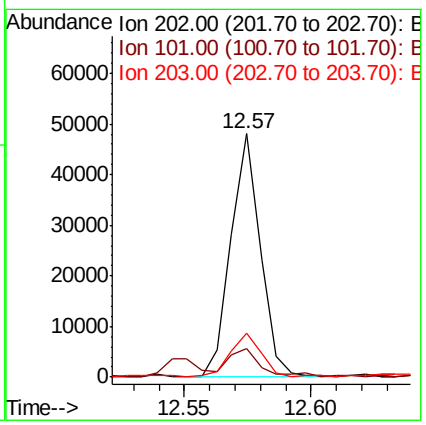


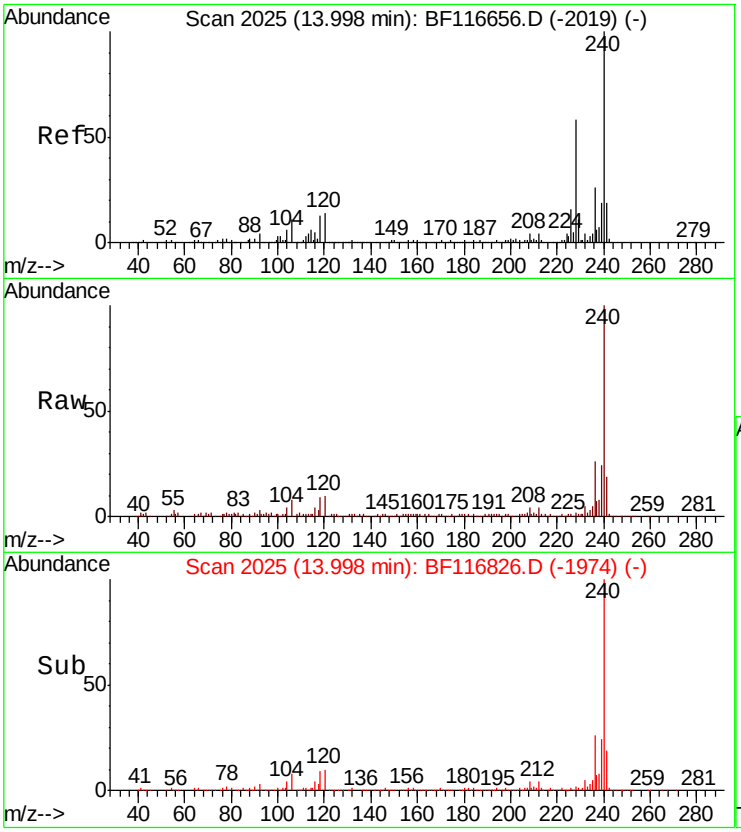


#75
Fluoranthene
Concen: 3.832 ng
RT: 12.57 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BF116826.D
Acq: 4 Sep 2019 20:03

Tgt Ion:202 Resp: 39041

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	31.3
203	17.9	0.0	37.6



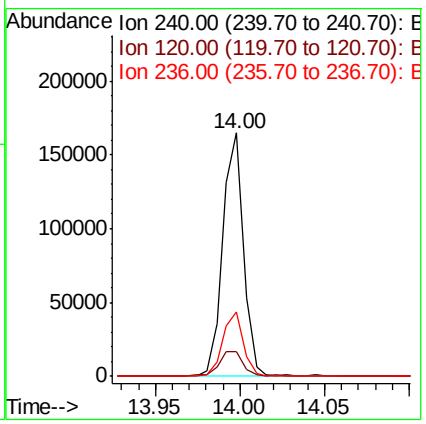


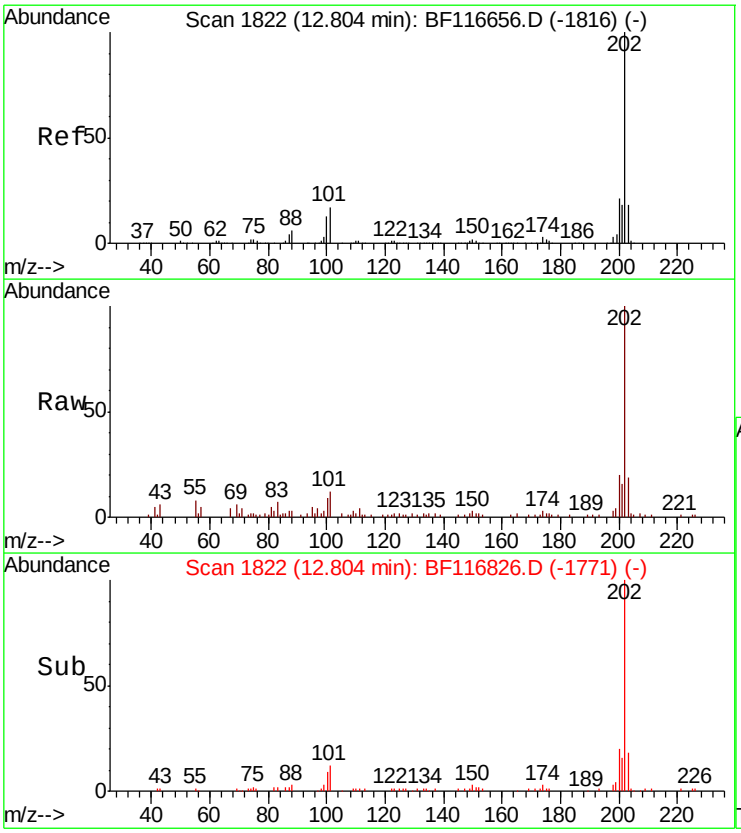
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF116826.D
Acq: 4 Sep 2019 20:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 141174

Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.1	13.7
236	26.3	21.1	31.7

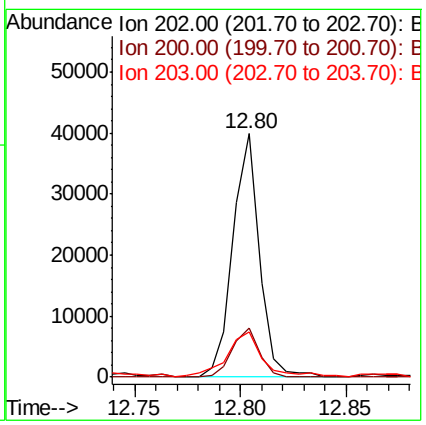


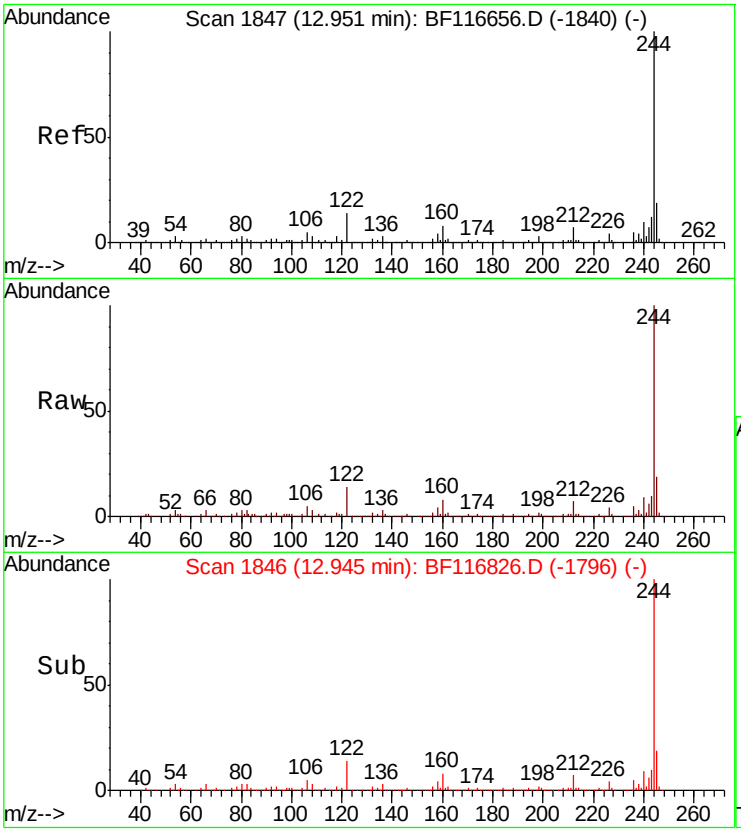


#78
Pyrene
Concen: 2.748 ng
RT: 12.80 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BF116826.D
Acq: 4 Sep 2019 20:03

Tgt Ion:202 Resp: 34484

Ion	Ratio	Lower	Upper
202	100		
200	20.0	16.5	24.7
203	18.8	13.7	20.5



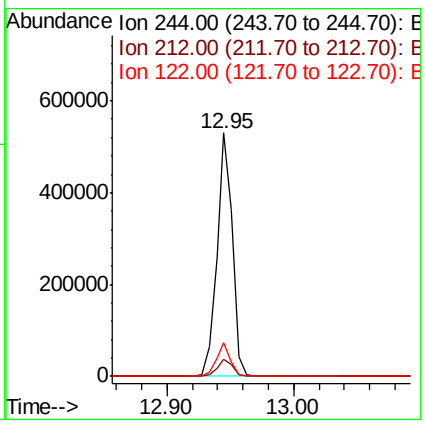


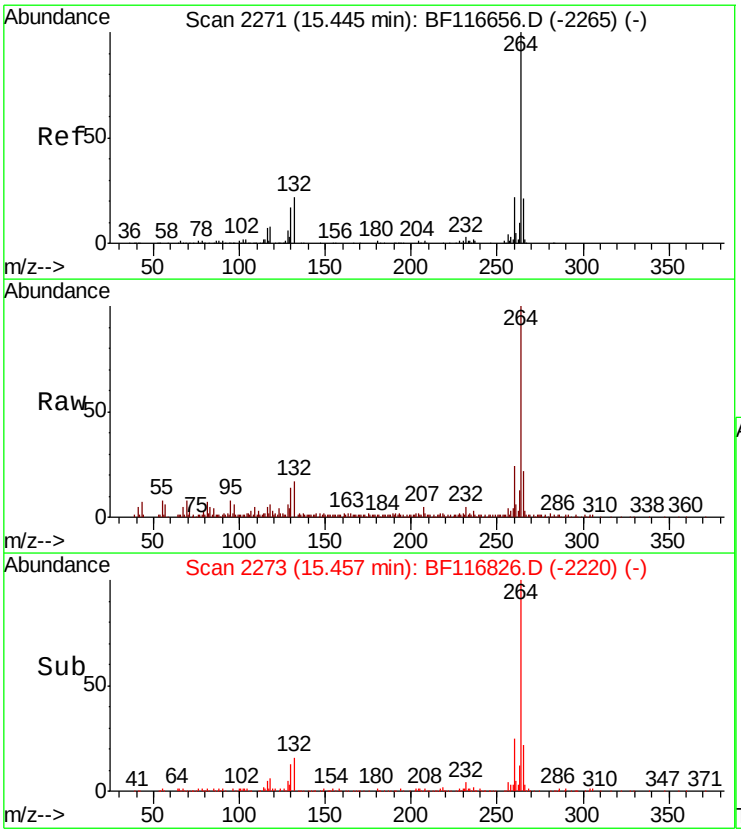
#79
Terphenyl-d14
Concen: 58.944 ng
RT: 12.95 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF116826.D
Acq: 4 Sep 2019 20:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 449820

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	13.6	10.2	15.4

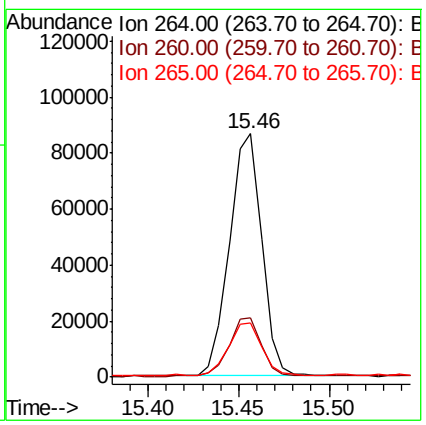


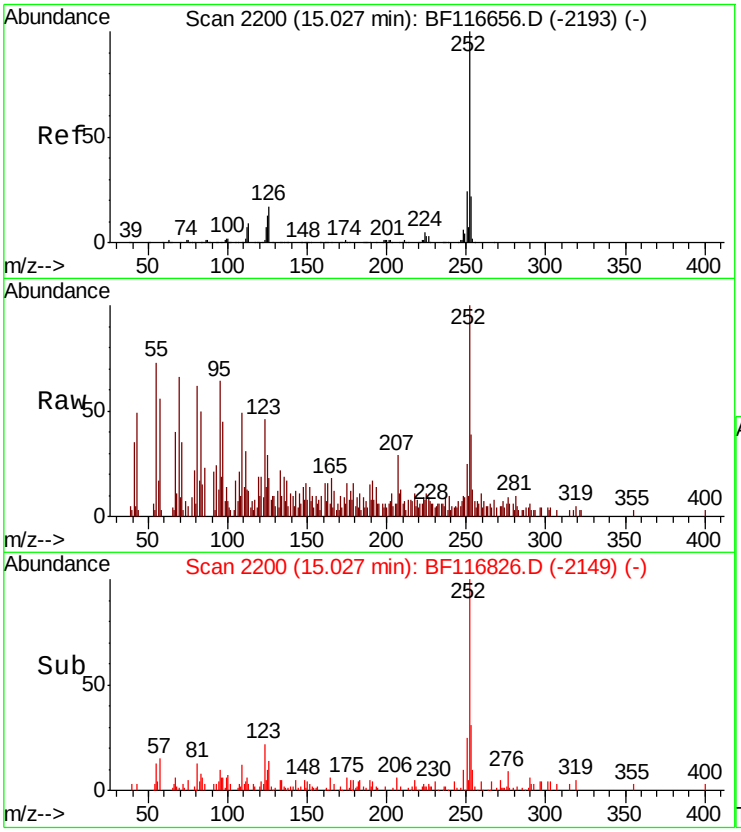


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF116826.D
Acq: 4 Sep 2019 20:03

Tgt Ion:264 Resp: 107263

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.3	27.5
265	22.5	16.5	24.7



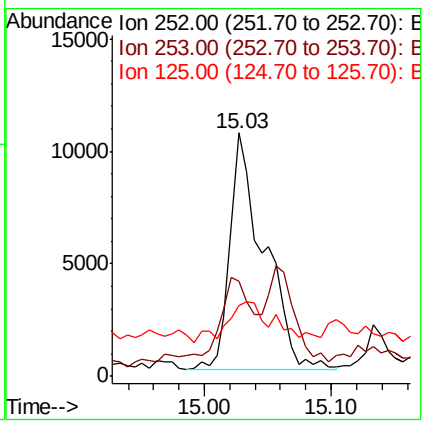


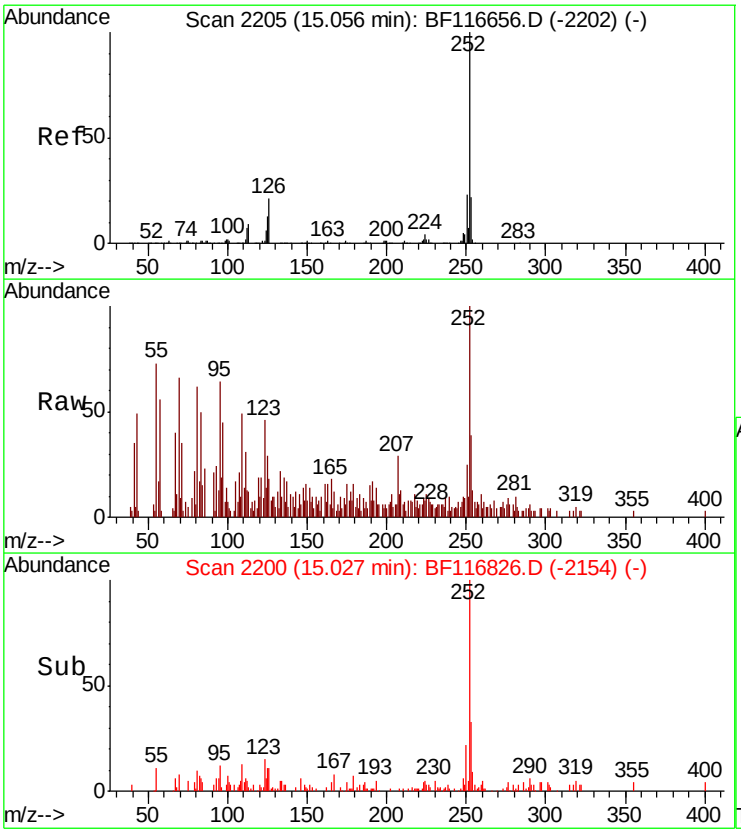
#88
Benzo(b)fluoranthene
Concen: 2.999 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.00 min
Lab File: BF116826.D
Acq: 4 Sep 2019 20:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 19451

Ion	Ratio	Lower	Upper
252	100		
253	38.9	17.7	26.5#
125	29.3	8.2	12.2#





#89
Benzo(k)fluoranthene
Concen: 3.290 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.03 min
Lab File: BF116826.D
Acq: 4 Sep 2019 20:03

Tgt Ion:252 Resp: 19451

Ion	Ratio	Lower	Upper
252	100		
253	38.9	17.7	26.5#
125	29.3	8.6	13.0#