Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
Data File : BF116010.D
Acq On : 6 Aug 2019 13:55
Operator : HP/JU
Sample : K4135-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 07 01:13:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 15:31:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	130437	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	506428	20.00	ng		-0.01
39) Acenaphthene-d10	9.87	164	263155	20.00	ng		-0.02
64) Phenanthrene-d10	11.36	188	422559	20.00	ng		-0.02
76) Chrysene-d12	14.01	240	266891	20.00	ng		-0.02
87) Perylene-d12	15.47	264	345329	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	768198	98.59	ng		0.00
7) Phenol-d6	6.47	99	1015345	103.28	ng		-0.01
23) Nitrobenzene-d5	7.40	82	653774	74.52	ng		-0.01
42) 2,4,6-Tribromophenol	10.67	330	254222	99.64	ng		-0.02
45) 2-Fluorobiphenyl	9.20	172	1114499	79.33	ng		-0.02
79) Terphenyl-d14	12.95	244	896148	70.75	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.40	70	83889	13.771	ng	#	77
25) Isophorone	7.40	82	654300	39.002	ng	#	66
50) Dimethylphthalate	9.59	163	101853	5.684	ng		100
71) Phenanthrene	11.39	178	201208	9.314	ng		98
72) Anthracene	11.39	178	201208	9.203	ng		98
75) Fluoranthene	12.58	202	335664	14.842	ng		97
78) Pyrene	12.58	202	335664	16.684	ng		97
81) Benzo(a)anthracene	14.00	228	157343	9.224	ng		96
83) Chrysene	14.03	228	130785	7.897	ng		97
86) Indeno(1,2,3-cd)pyrene	16.93	276	93721	6.738	ng		95
88) Benzo(b)fluoranthene	15.04	252	247515	12.396	ng	#	93
89) Benzo(k)fluoranthene	15.04	252	247515	12.727	ng		96
90) Benzo(a)pyrene	15.41	252	138193	7.742	ng		98
92) Benzo(g,h,i)perylene	17.37	276	89102	5.872	ng		99

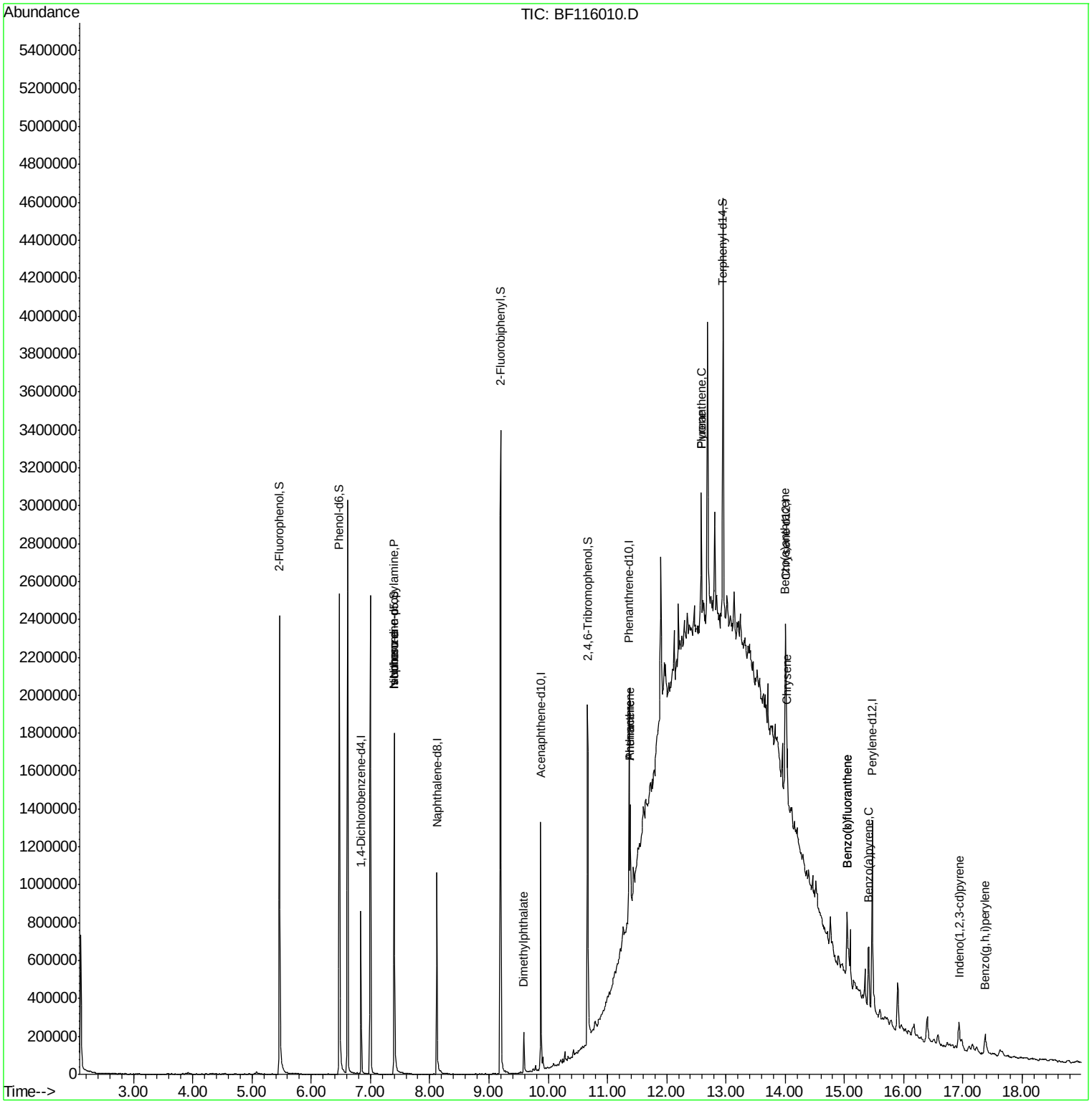
(#) = qualifier out of range (m) = manual integration (+) = signals summed

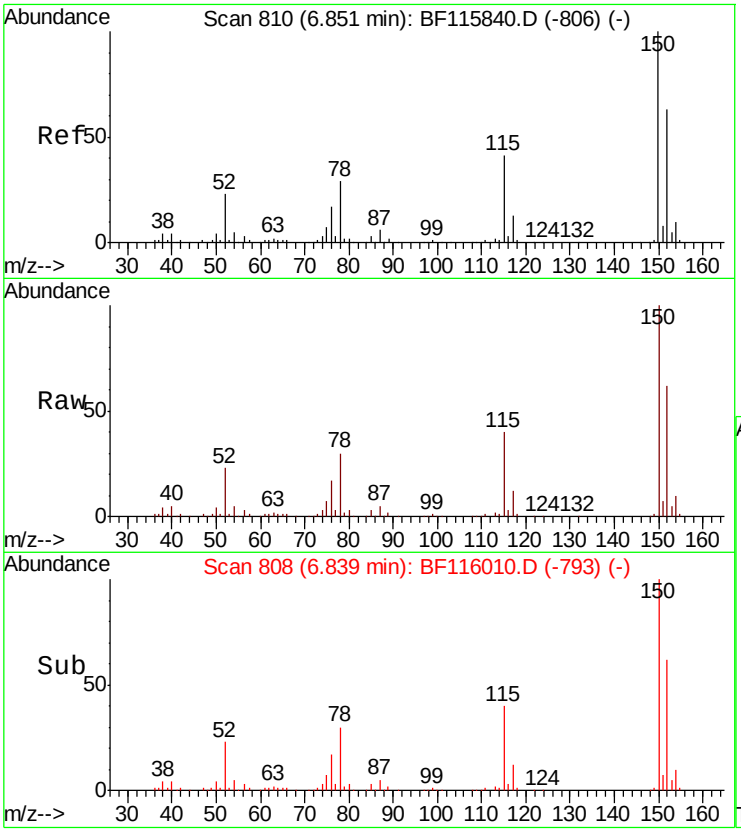
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
Data File : BF116010.D
Acq On : 6 Aug 2019 13:55
Operator : HP/JU
Sample : K4135-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 07 01:13:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 15:31:51 2019
Response via : Initial Calibration



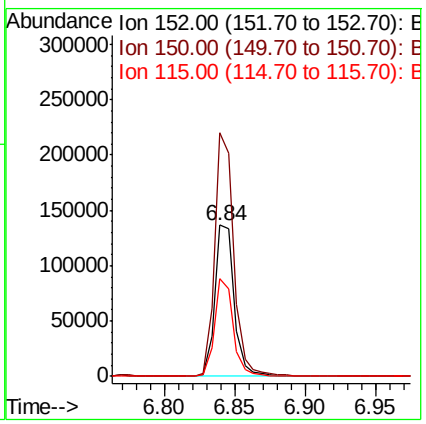


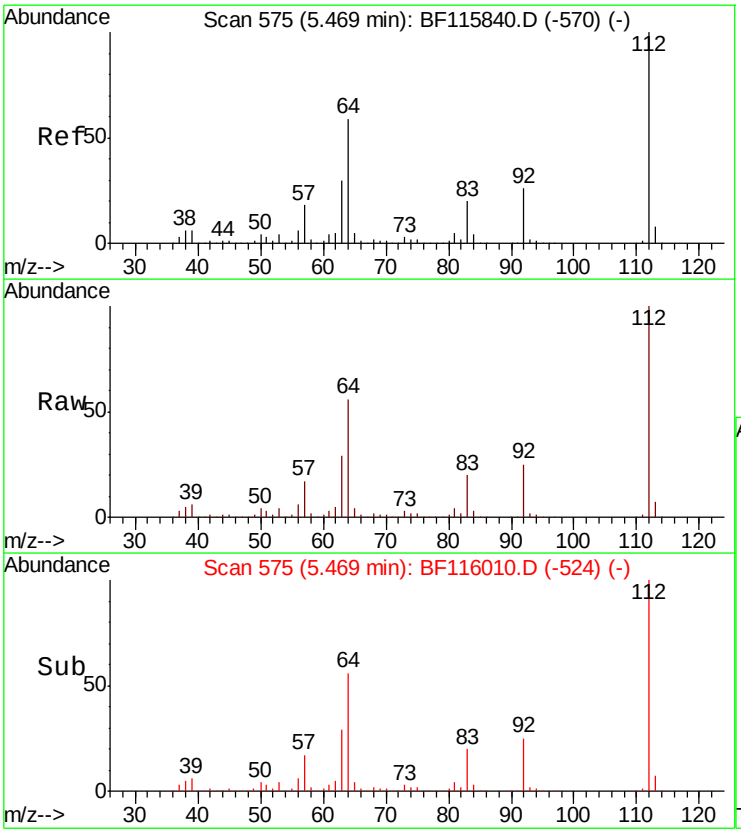
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116010.D
Acq: 6 Aug 2019 13:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 130437

Ion	Ratio	Lower	Upper
152	100		
150	161.2	127.4	191.0
115	64.9	51.8	77.8

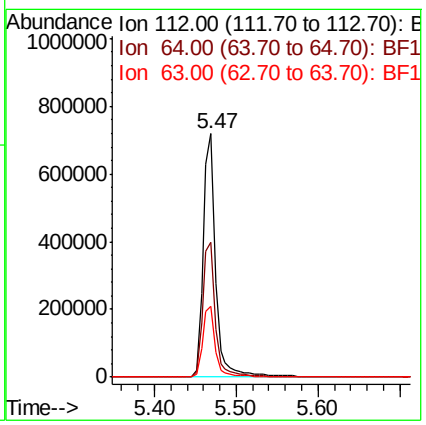


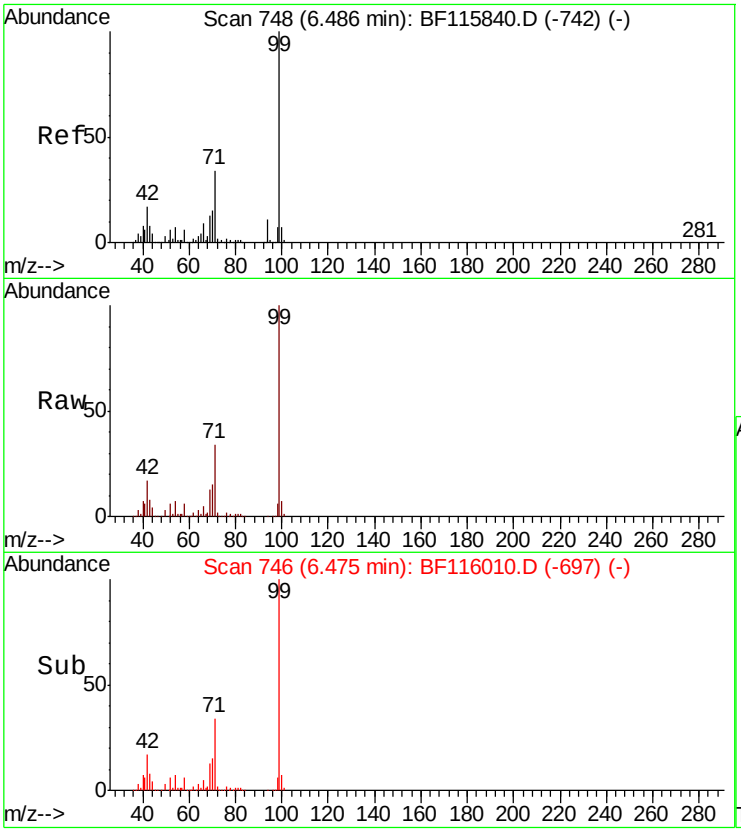


#5
2-Fluorophenol
Concen: 98.592 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.00 min
Lab File: BF116010.D
Acq: 6 Aug 2019 13:55

Tgt Ion:112 Resp: 768198

Ion	Ratio	Lower	Upper
112	100		
64	55.6	46.8	70.2
63	29.2	24.2	36.2



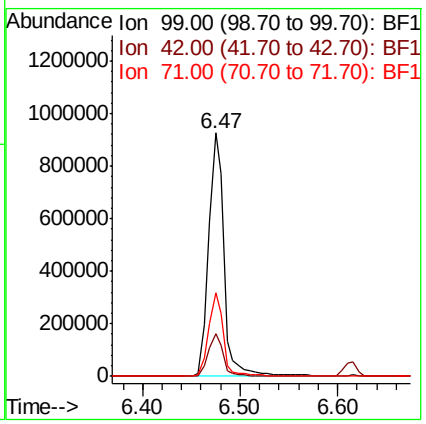


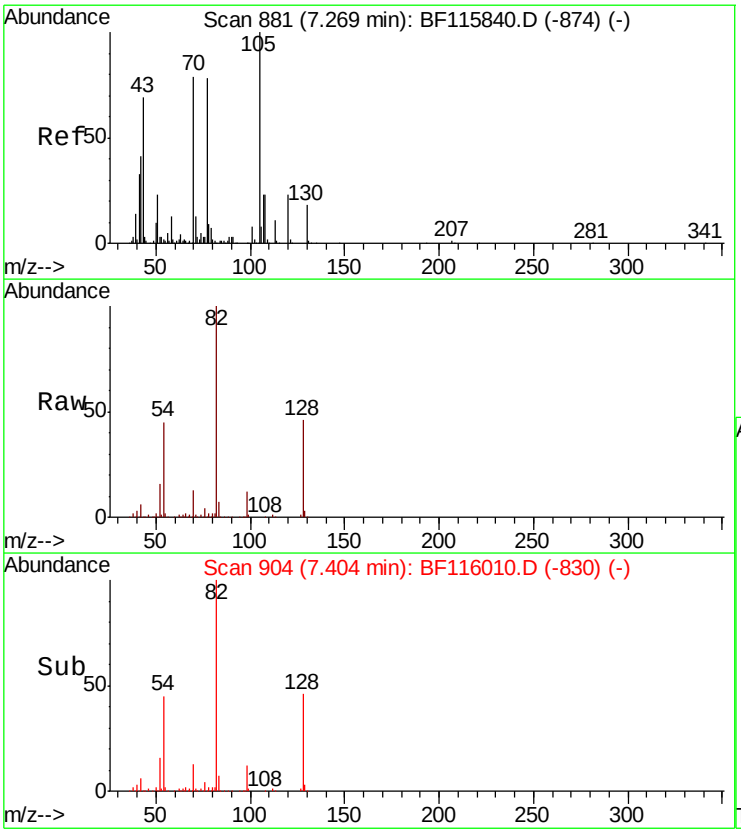
#7
Phenol-d6
Concen: 103.285 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF116010.D
Acq: 6 Aug 2019 13:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1015345

Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.8	20.6
71	34.4	27.1	40.7

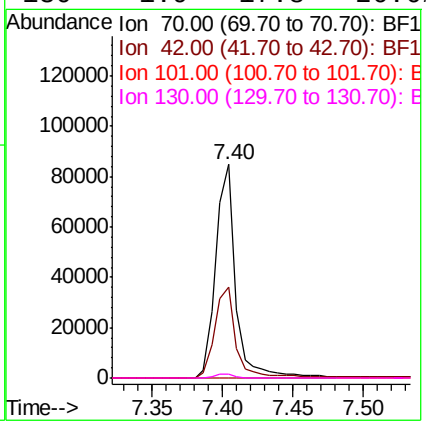


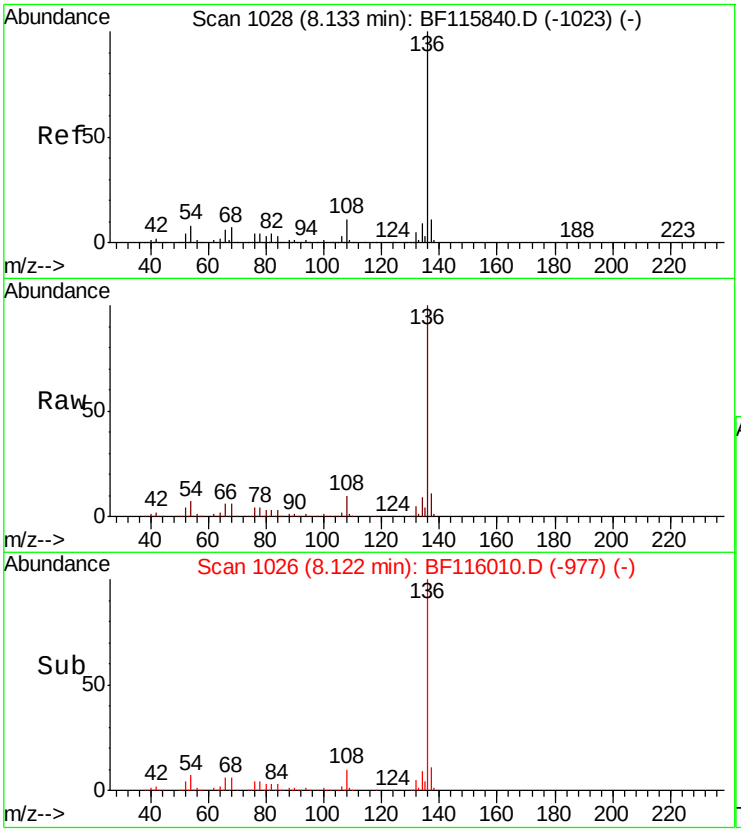


#19
n-Nitroso-di-n-propylamine
Concen: 13.771 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.14 min
Lab File: BF116010.D
Acq: 6 Aug 2019 13:55

Tgt Ion: 70 Resp: 83889

Ion	Ratio	Lower	Upper
70	100		
42	42.7	41.8	62.8
101	0.0	7.7	11.5#
130	1.9	17.8	26.6#



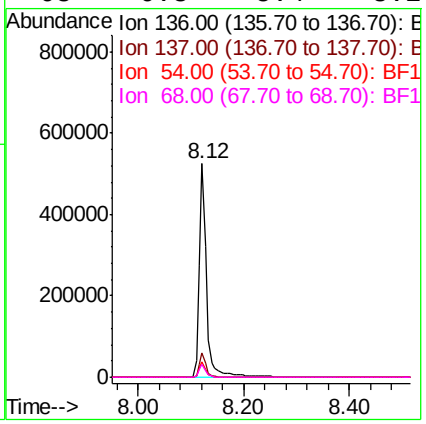


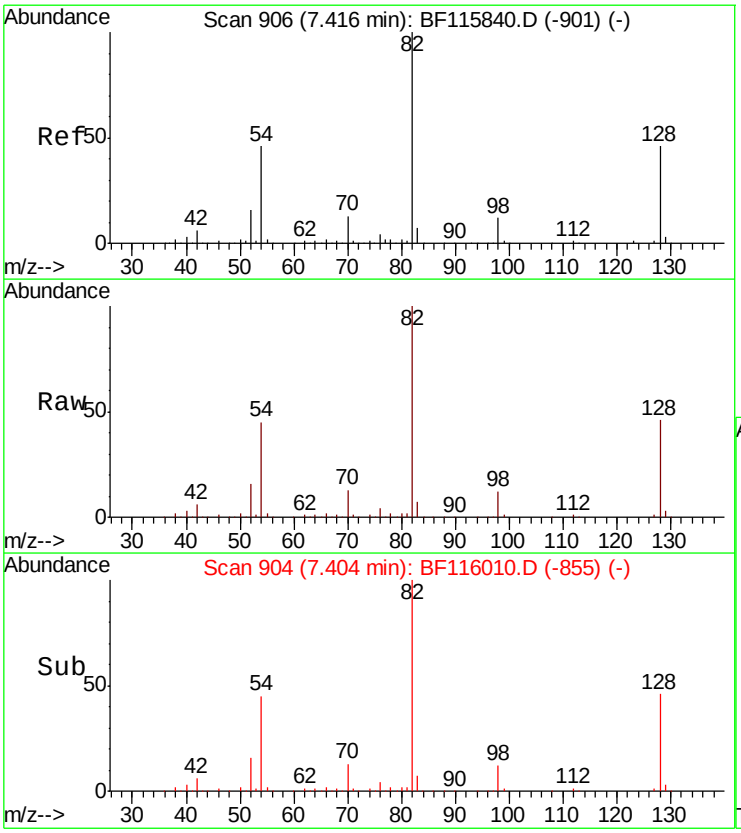
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF116010.D
Acq: 6 Aug 2019 13:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 506428

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	7.3	6.1	9.1
68	6.3	5.4	8.2

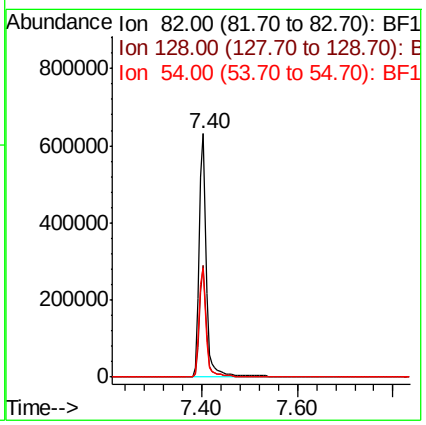


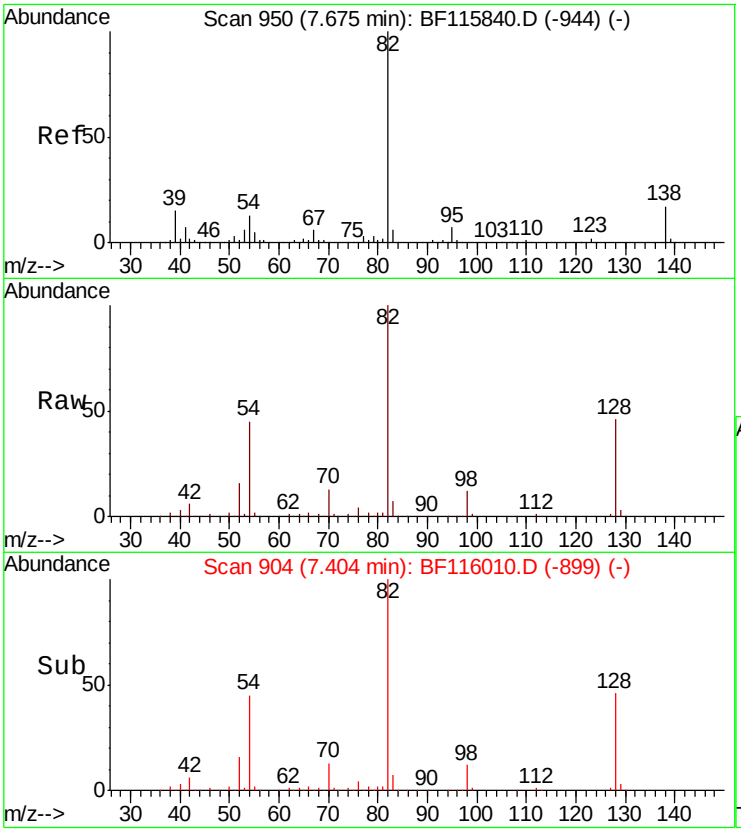


#23
Nitrobenzene-d5
Concen: 74.518 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116010.D
Acq: 6 Aug 2019 13:55

Tgt Ion: 82 Resp: 653774

Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.6	55.0
54	45.0	36.6	55.0



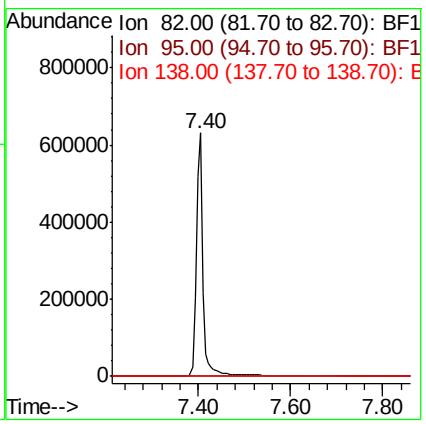


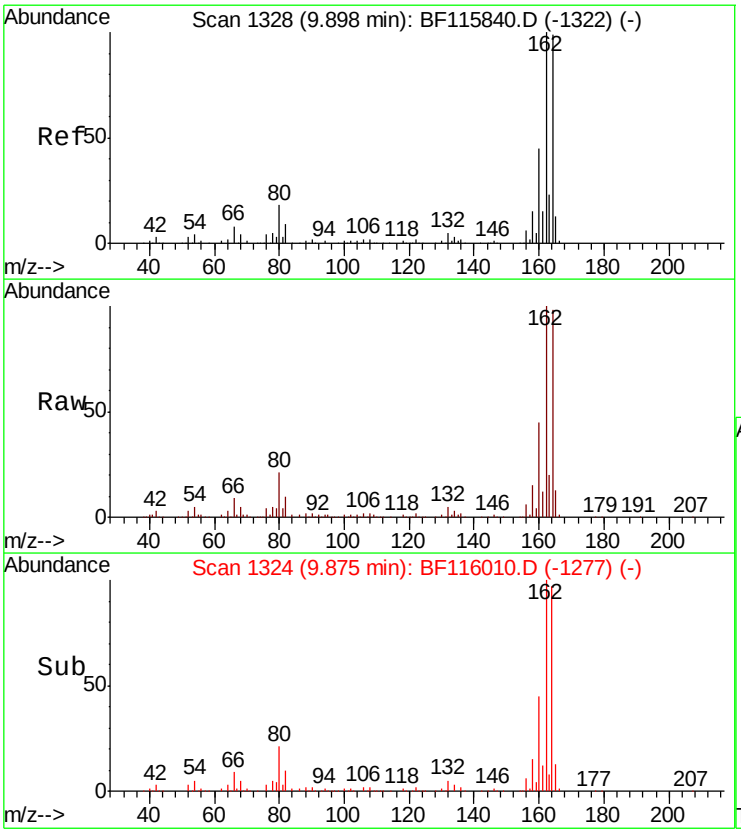
#25
Isophorone
Concen: 39.002 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.27 min
Lab File: BF116010.D
Acq: 6 Aug 2019 13:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 654300

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.5	8.3#
138	0.0	13.9	20.9#

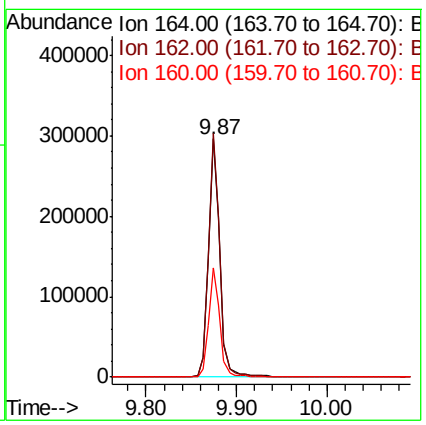


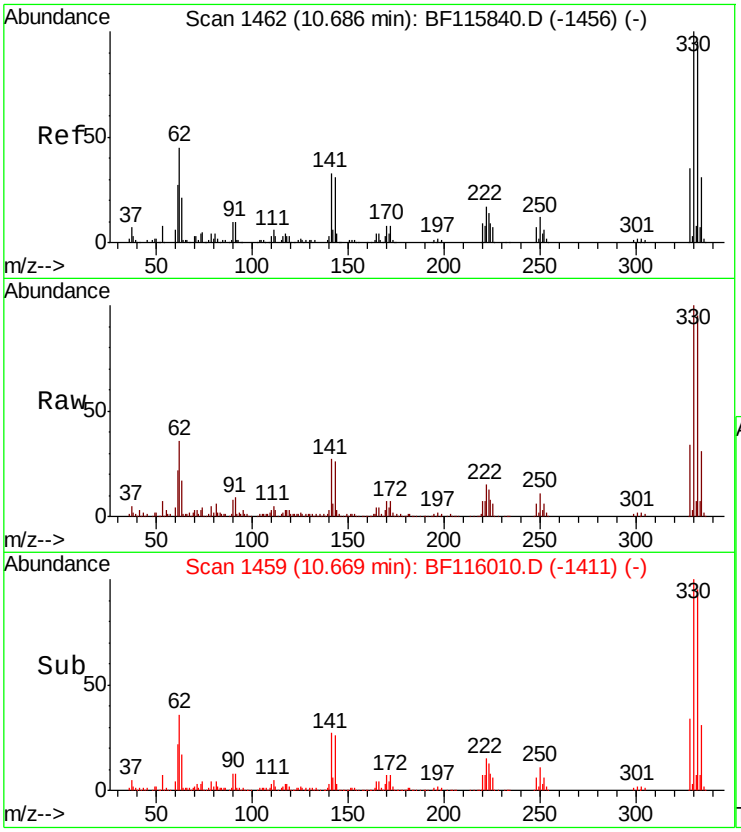


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.02 min
Lab File: BF116010.D
Acq: 6 Aug 2019 13:55

Tgt Ion:164 Resp: 263155

Ion	Ratio	Lower	Upper
164	100		
162	102.2	80.8	121.2
160	45.6	36.2	54.4



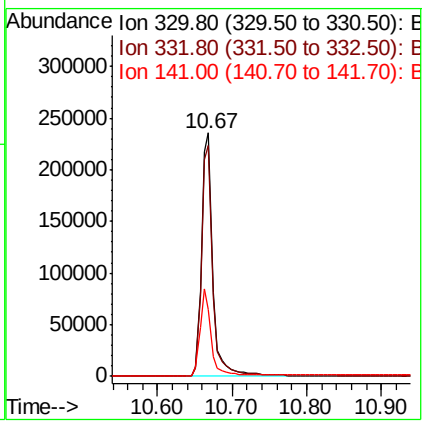


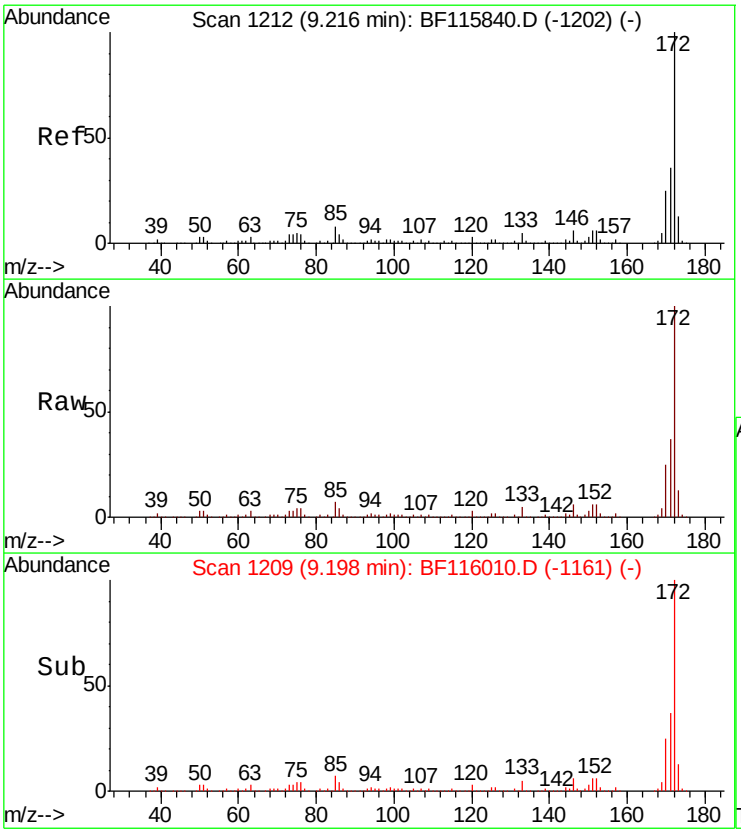
#42
2,4,6-Tribromophenol
Concen: 99.642 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.02 min
Lab File: BF116010.D
Acq: 6 Aug 2019 13:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 254222

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.7	116.5
141	34.7	28.1	42.1

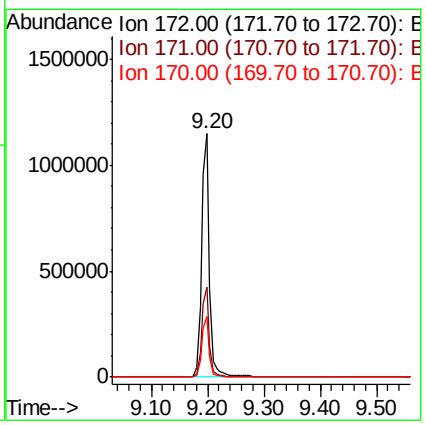


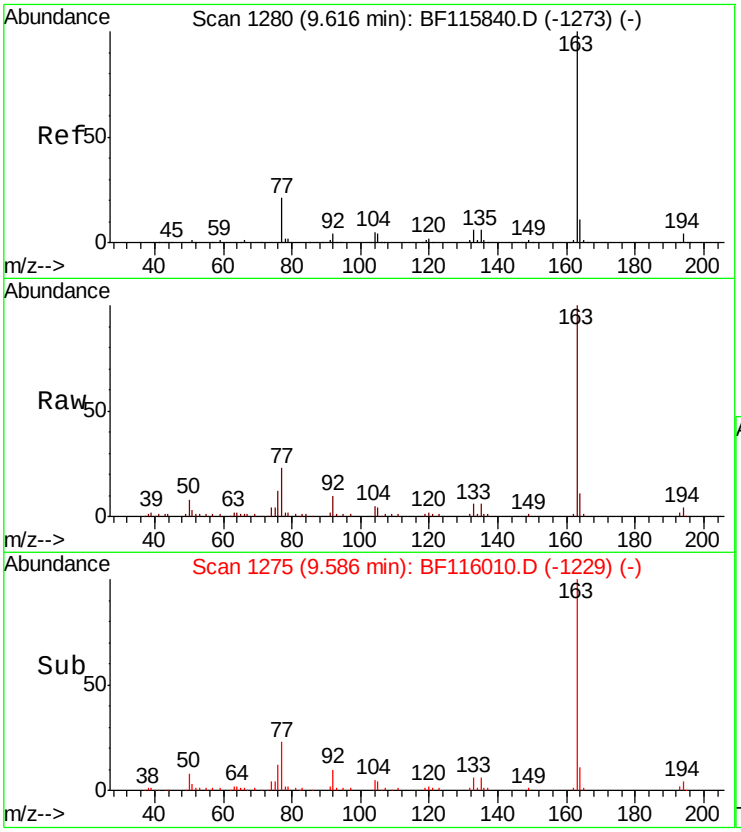


#45
2-Fluorobiphenyl
Concen: 79.327 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.02 min
Lab File: BF116010.D
Acq: 6 Aug 2019 13:55

Tgt Ion:172 Resp: 1114499

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.1	43.7
170	24.7	20.1	30.1

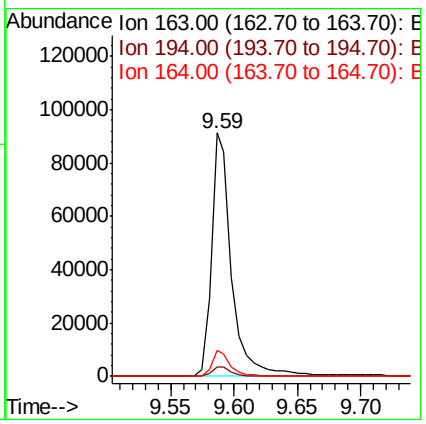




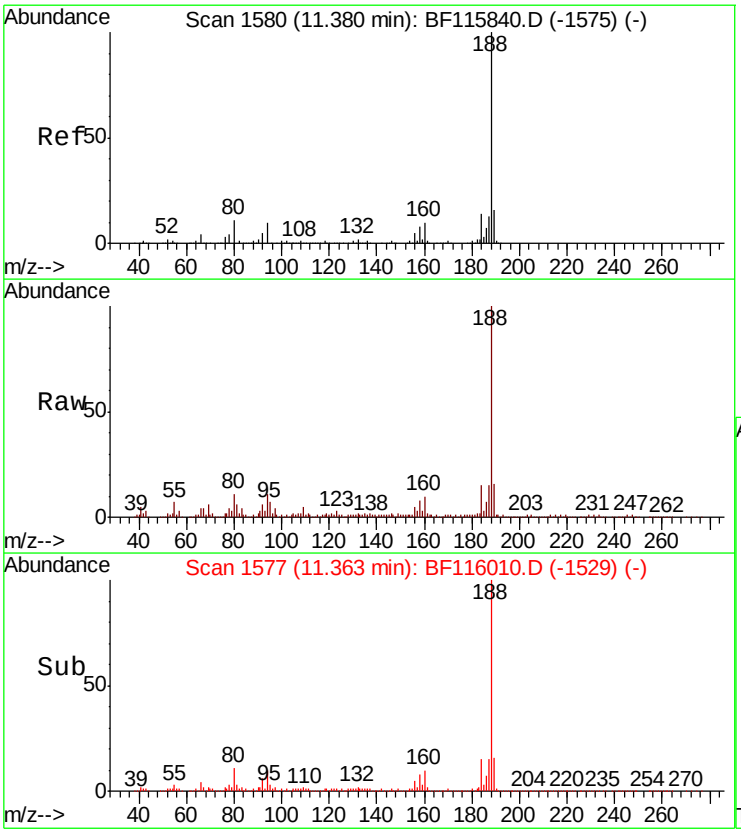
#50
Dimethylphthalate
Concen: 5.684 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.03 min
Lab File: BF116010.D
Acq: 6 Aug 2019 13:55

Tgt Ion:163 Resp: 101853

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.6
164	10.6	8.4	12.6



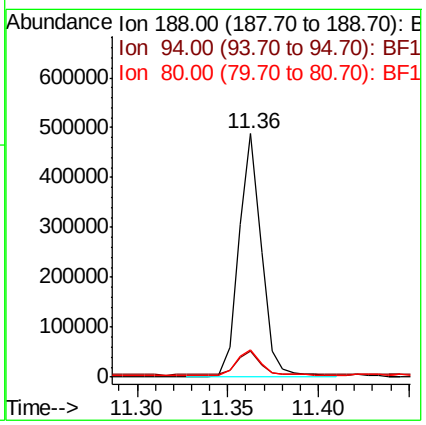
Instrument :
BNA_F
ClientSampleId :

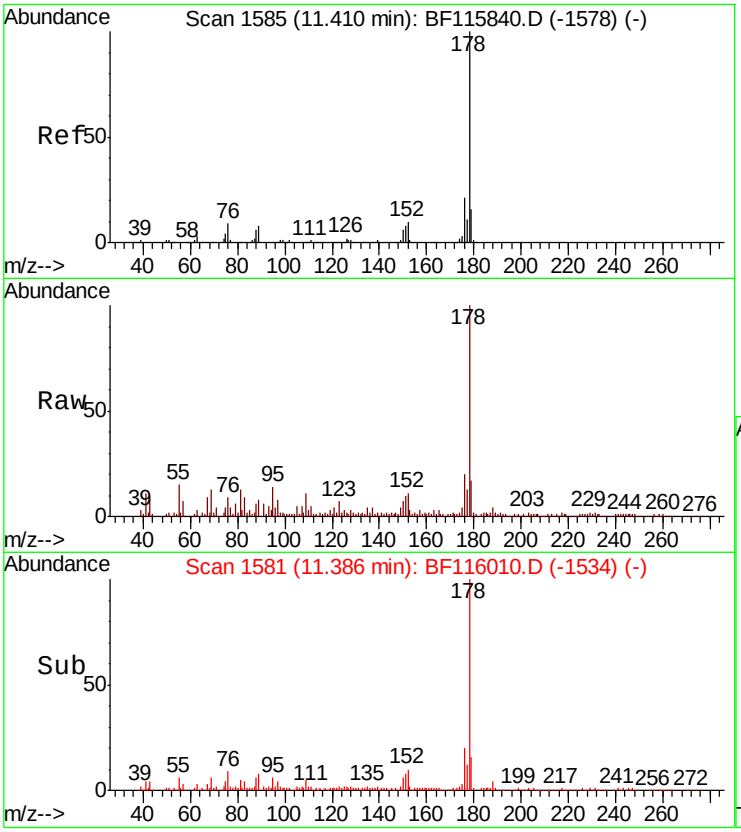


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.02 min
Lab File: BF116010.D
Acq: 6 Aug 2019 13:55

Tgt Ion:188 Resp: 422559

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.0	12.0
80	11.4	8.6	12.8



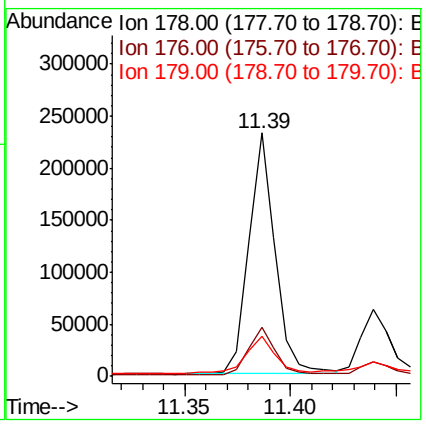


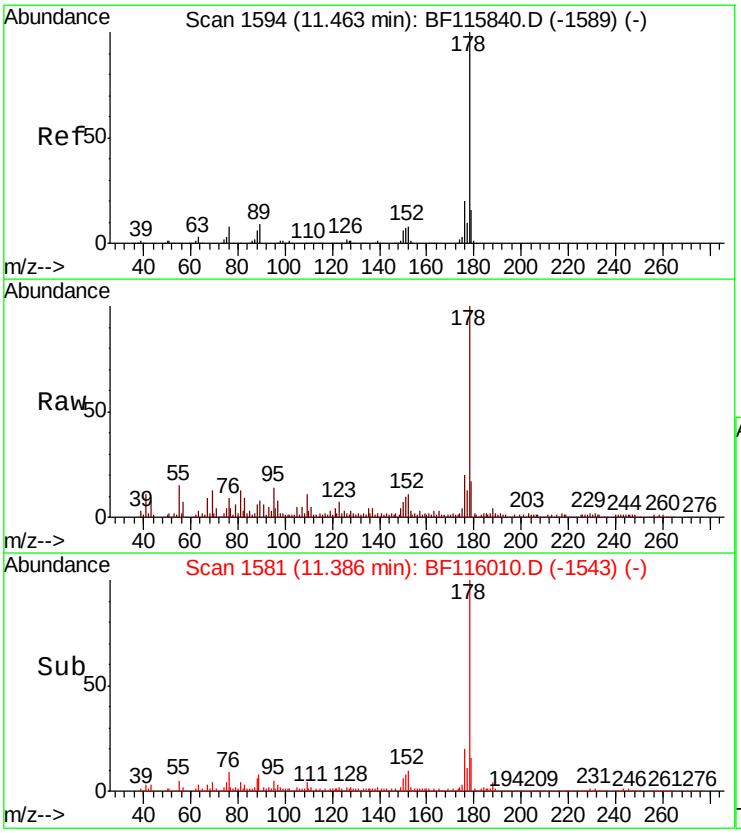
#71
Phenanthrene
Concen: 9.314 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.02 min
Lab File: BF116010.D
Acq: 6 Aug 2019 13:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 201208

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.5	24.7
179	16.6	12.6	18.8

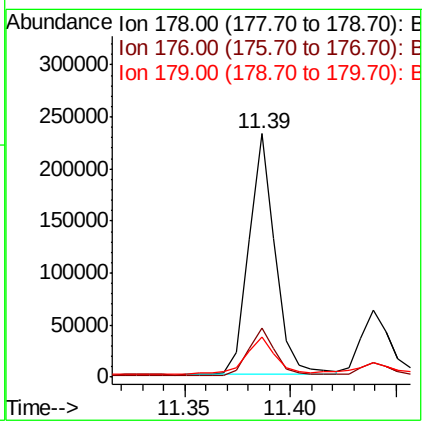


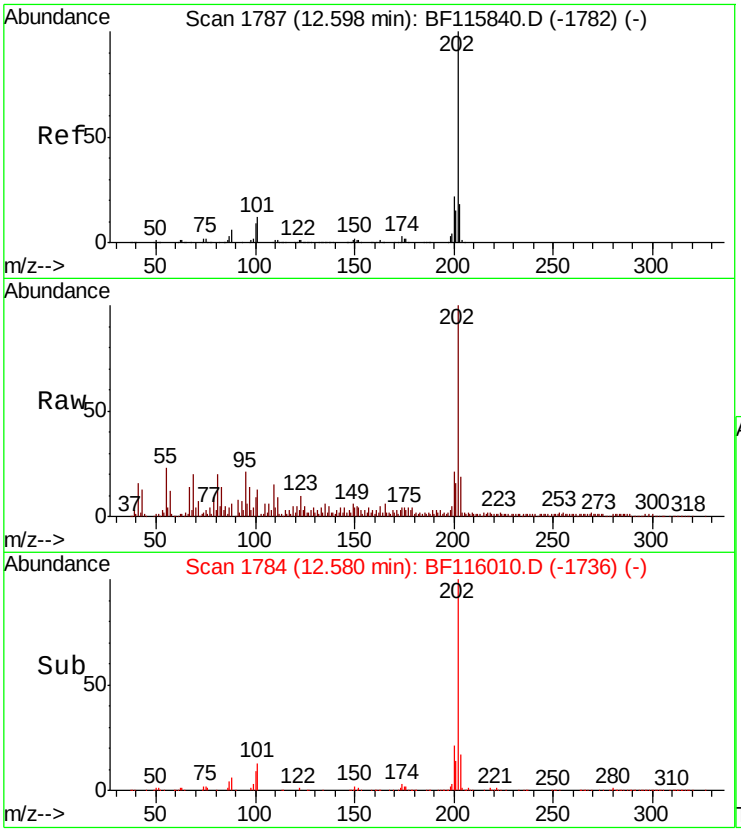


#72
Anthracene
Concen: 9.203 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.08 min
Lab File: BF116010.D
Acq: 6 Aug 2019 13:55

Tgt Ion:178 Resp: 201208

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.7	23.5
179	16.6	12.4	18.6



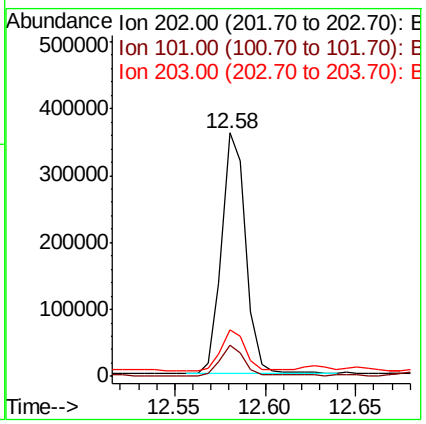


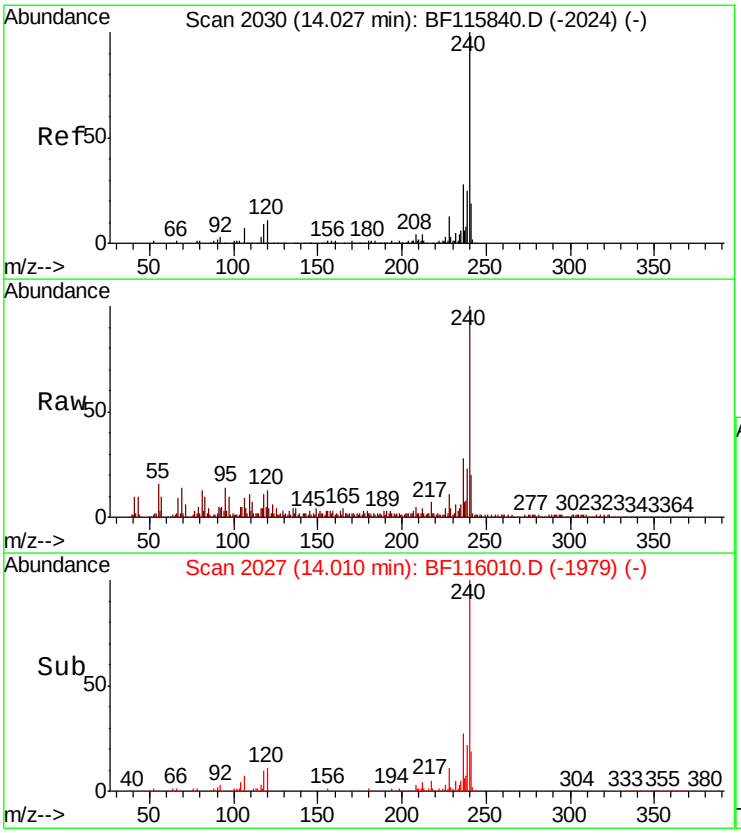
#75
Fluoranthene
Concen: 14.842 ng
RT: 12.58 min Scan# 1784
Delta R.T. -0.02 min
Lab File: BF116010.D
Acq: 6 Aug 2019 13:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 335664

Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	31.5
203	19.2	0.0	37.9

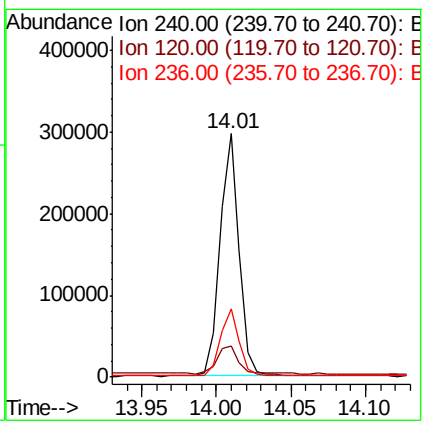


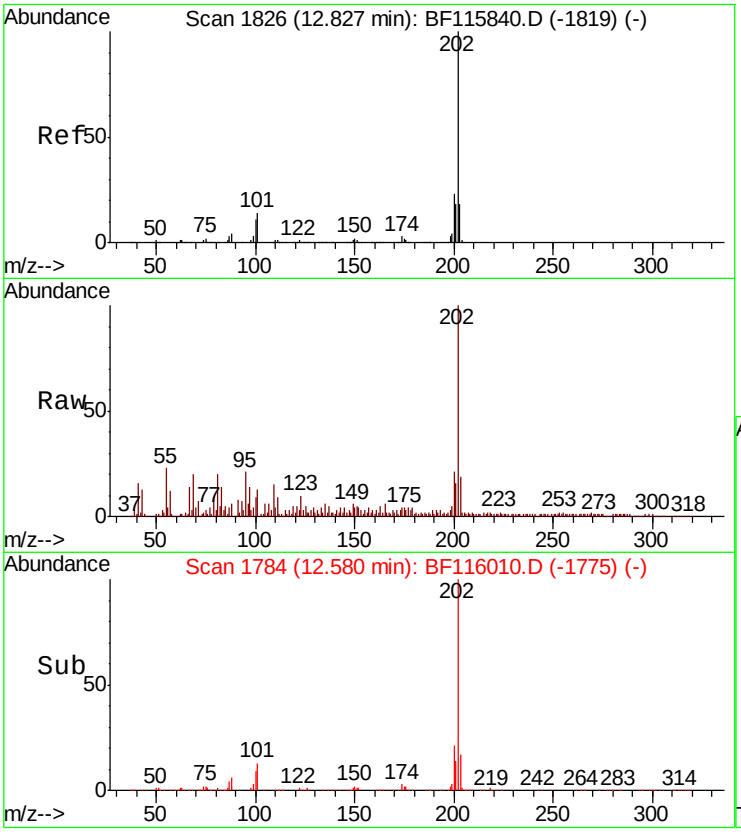


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.02 min
Lab File: BF116010.D
Acq: 6 Aug 2019 13:55

Tgt Ion:240 Resp: 266891

Ion	Ratio	Lower	Upper
240	100		
120	12.9	8.5	12.7#
236	27.8	22.2	33.2



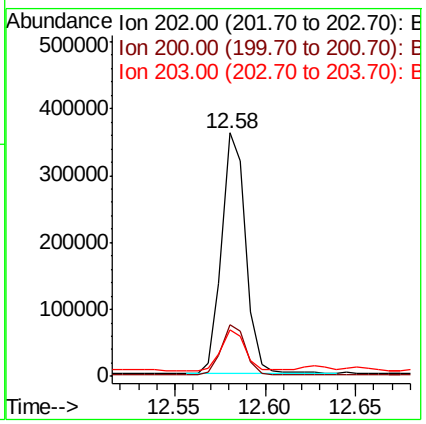


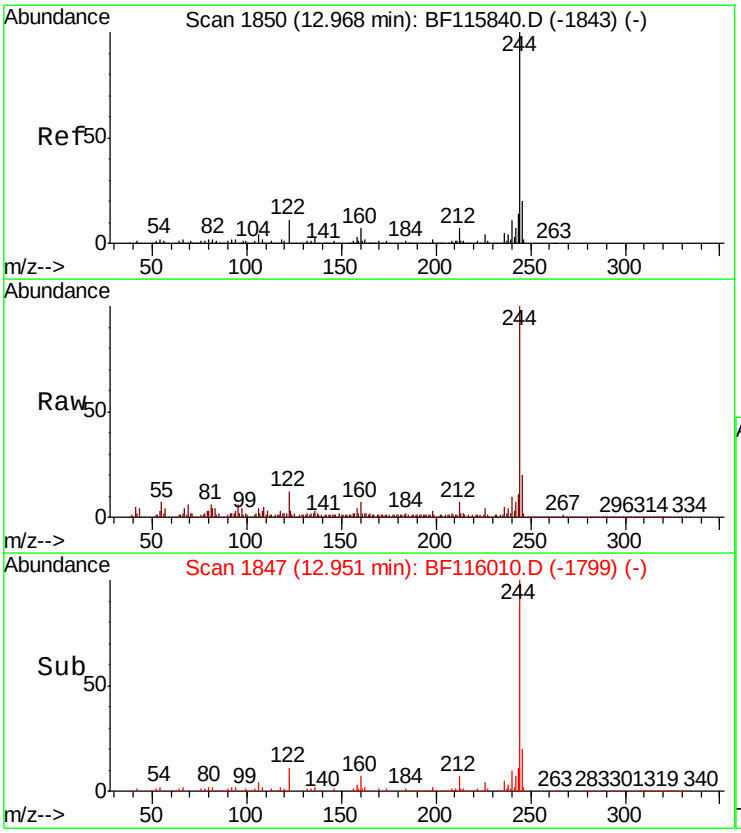
#78
Pyrene
Concen: 16.684 ng
RT: 12.58 min Scan# 1784
Delta R.T. -0.25 min
Lab File: BF116010.D
Acq: 6 Aug 2019 13:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 335664

Ion	Ratio	Lower	Upper
202	100		
200	21.3	18.2	27.2
203	19.2	14.3	21.5

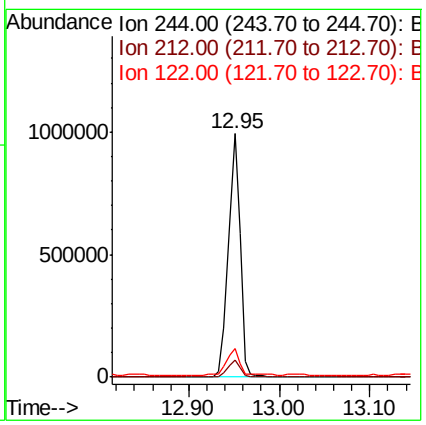


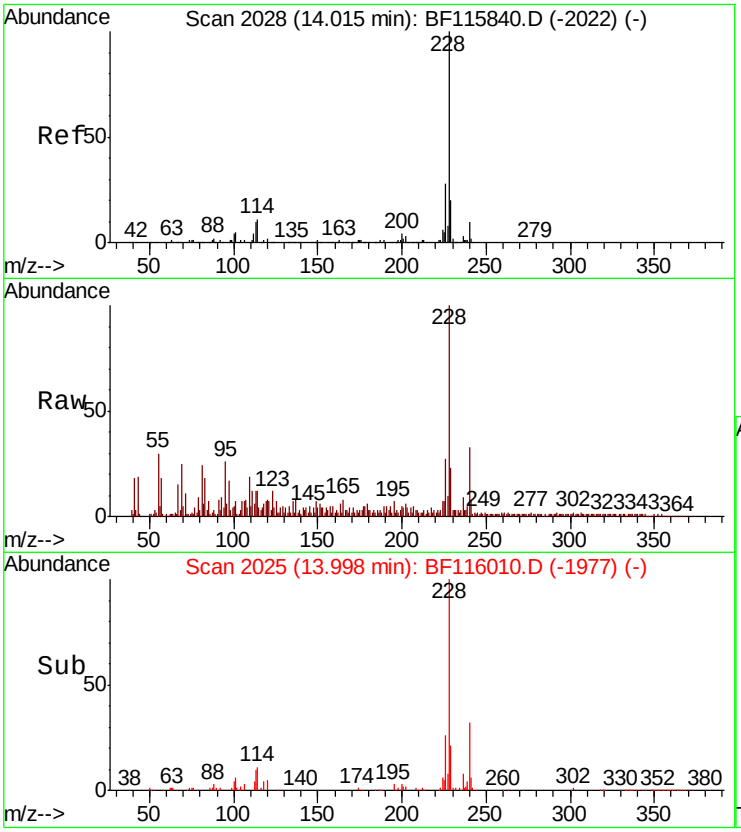


#79
Terphenyl-d14
Concen: 70.753 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.02 min
Lab File: BF116010.D
Acq: 6 Aug 2019 13:55

Tgt Ion:244 Resp: 896148

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	12.0	8.6	13.0



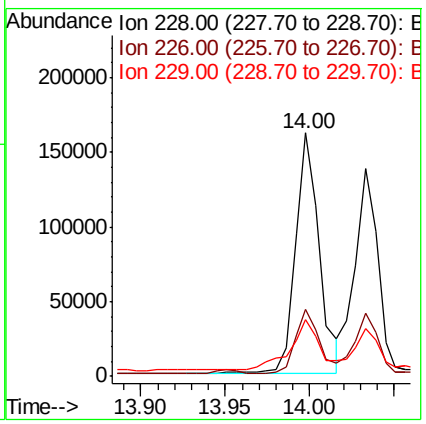


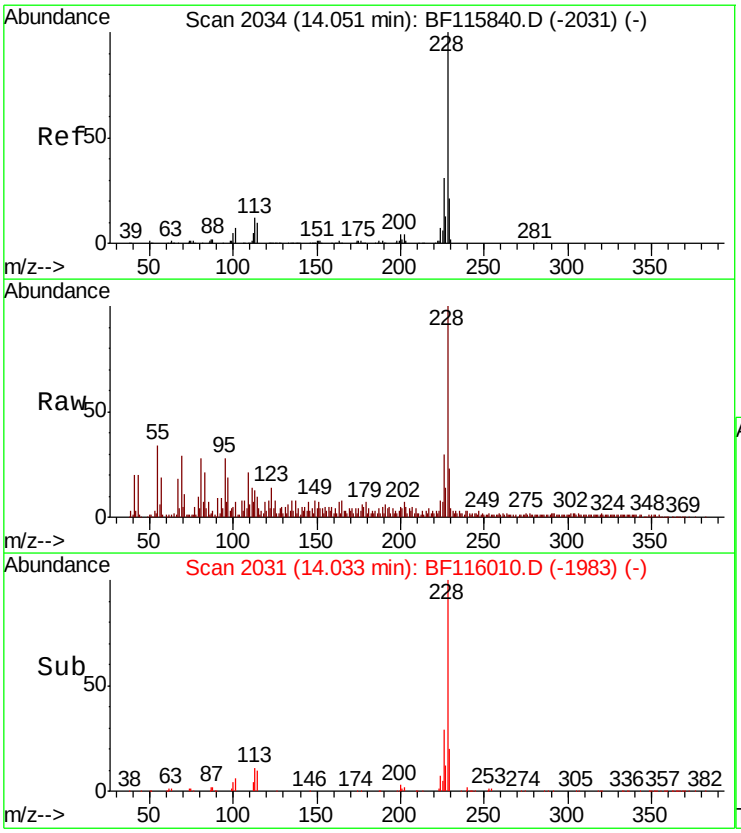
#81
Benzo(a)anthracene
Concen: 9.224 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.02 min
Lab File: BF116010.D
Acq: 6 Aug 2019 13:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 157343

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.5	33.7
229	23.4	16.1	24.1

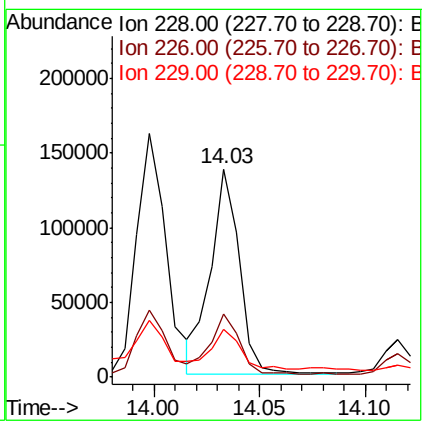


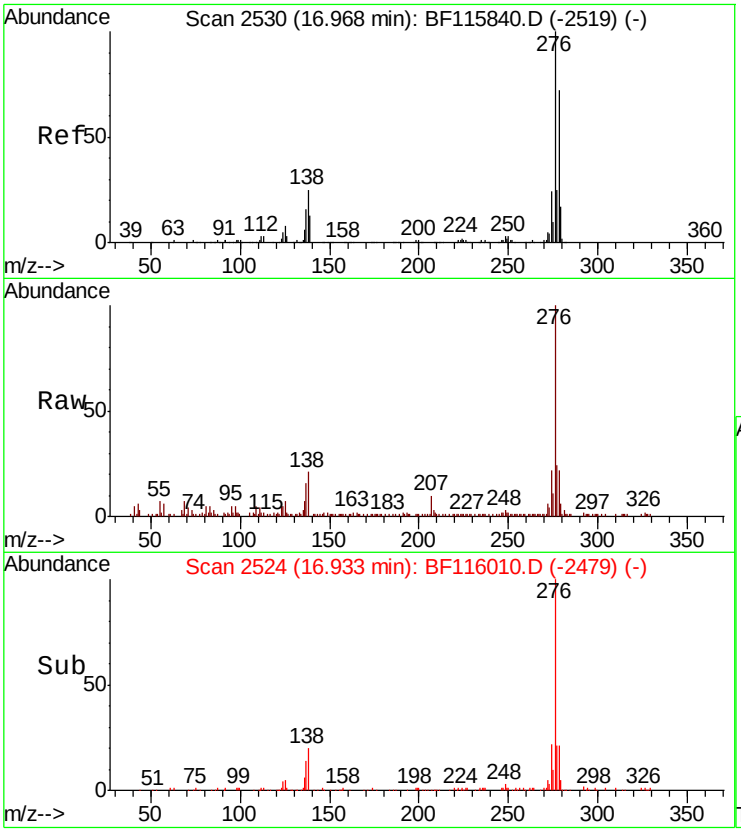


#83
Chrysene
Concen: 7.897 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.02 min
Lab File: BF116010.D
Acq: 6 Aug 2019 13:55

Tgt Ion:228 Resp: 130785

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.8	37.2
229	23.0	16.4	24.6



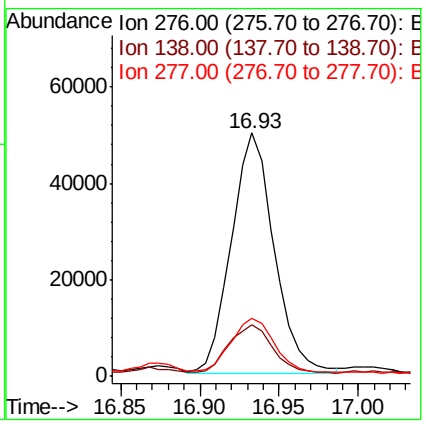


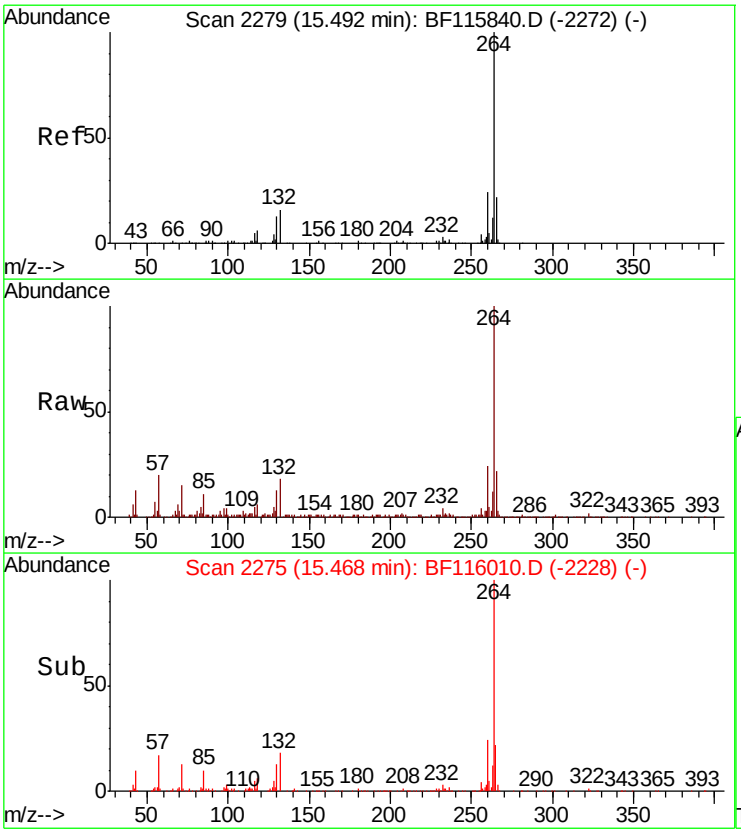
#86
Indeno(1,2,3-cd)pyrene
Concen: 6.738 ng
RT: 16.93 min Scan# 2524
Delta R.T. -0.04 min
Lab File: BF116010.D
Acq: 6 Aug 2019 13:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 93721

Ion	Ratio	Lower	Upper
276	100		
138	21.4	19.6	29.4
277	23.2	20.1	30.1

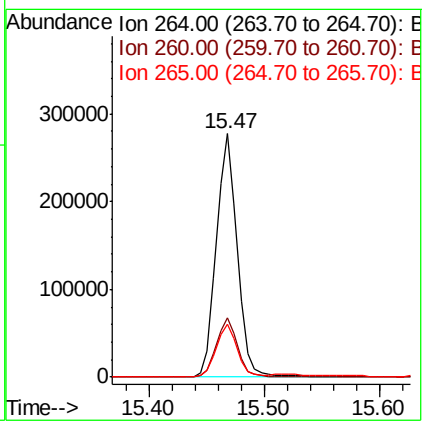


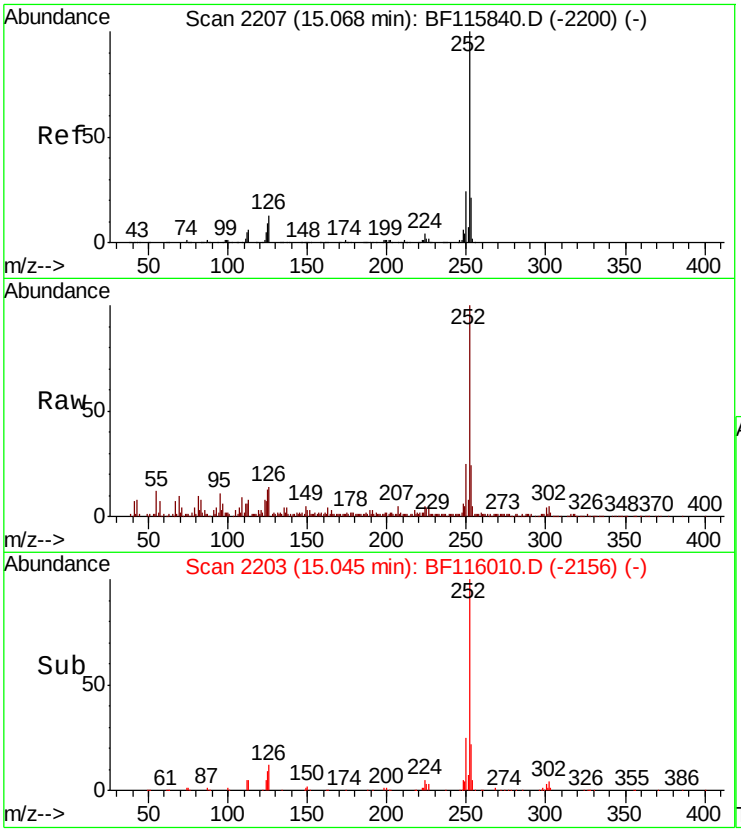


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.02 min
Lab File: BF116010.D
Acq: 6 Aug 2019 13:55

Tgt Ion:264 Resp: 345329

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	22.0	17.5	26.3



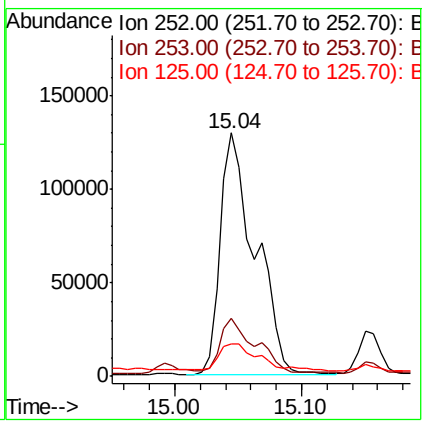


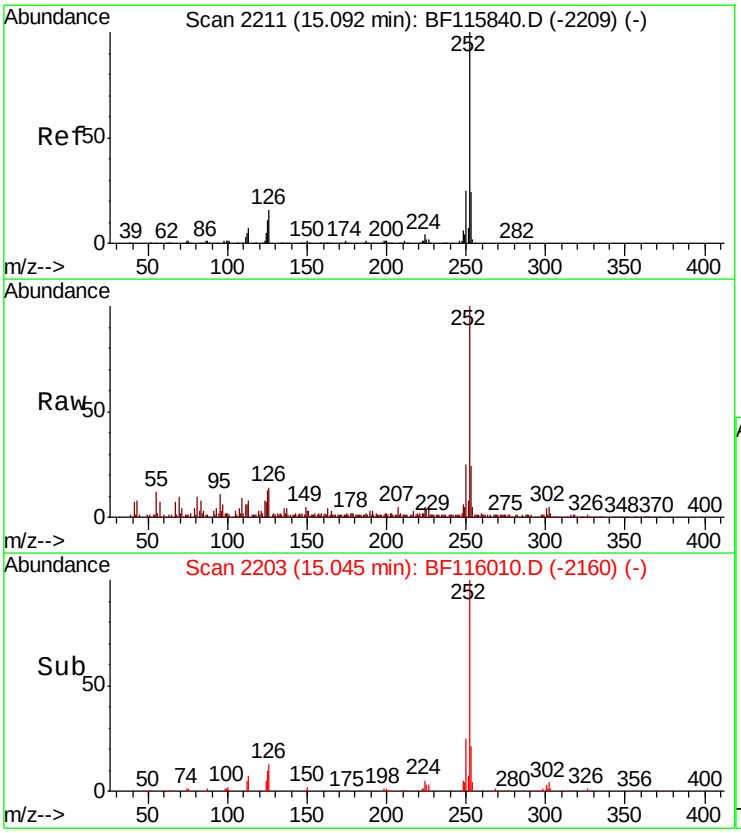
#88
Benzo(b)fluoranthene
Concen: 12.396 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.02 min
Lab File: BF116010.D
Acq: 6 Aug 2019 13:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 247515

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.2	25.8
125	13.1	7.4	11.0#

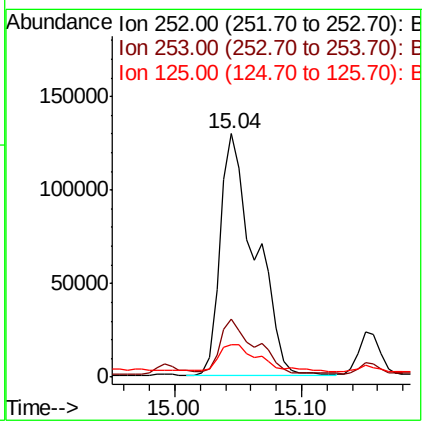


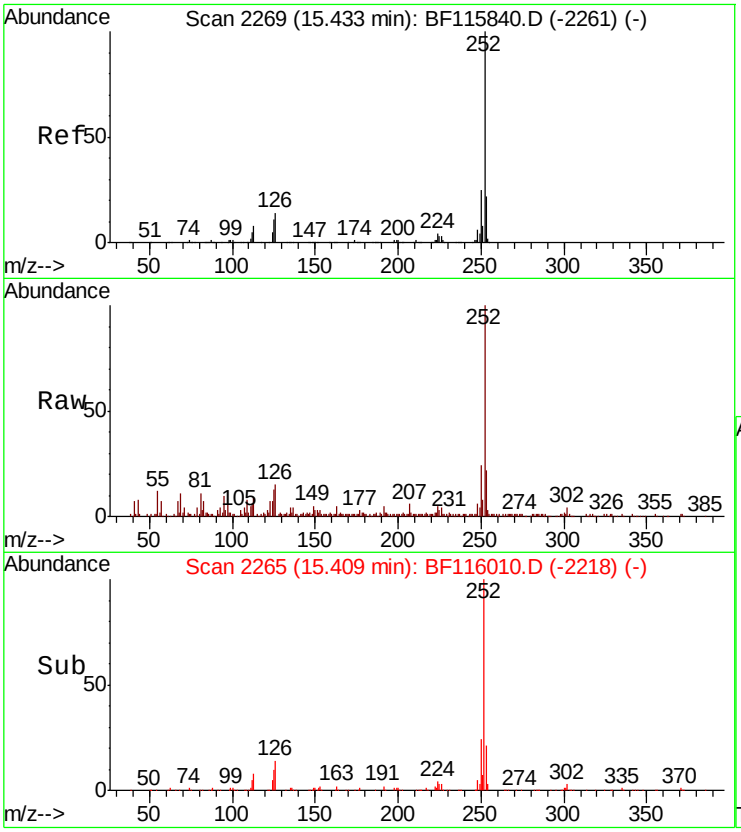


#89
Benzo(k)fluoranthene
Concen: 12.727 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.05 min
Lab File: BF116010.D
Acq: 6 Aug 2019 13:55

Tgt Ion:252 Resp: 247515

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.2	27.4
125	13.1	8.9	13.3



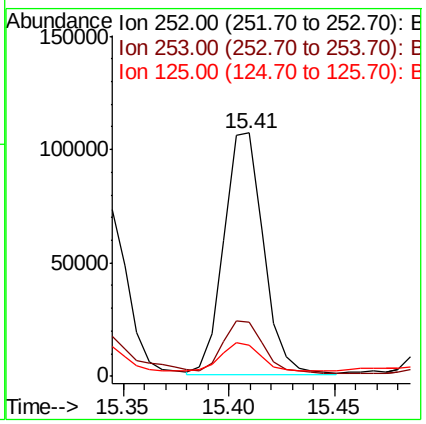


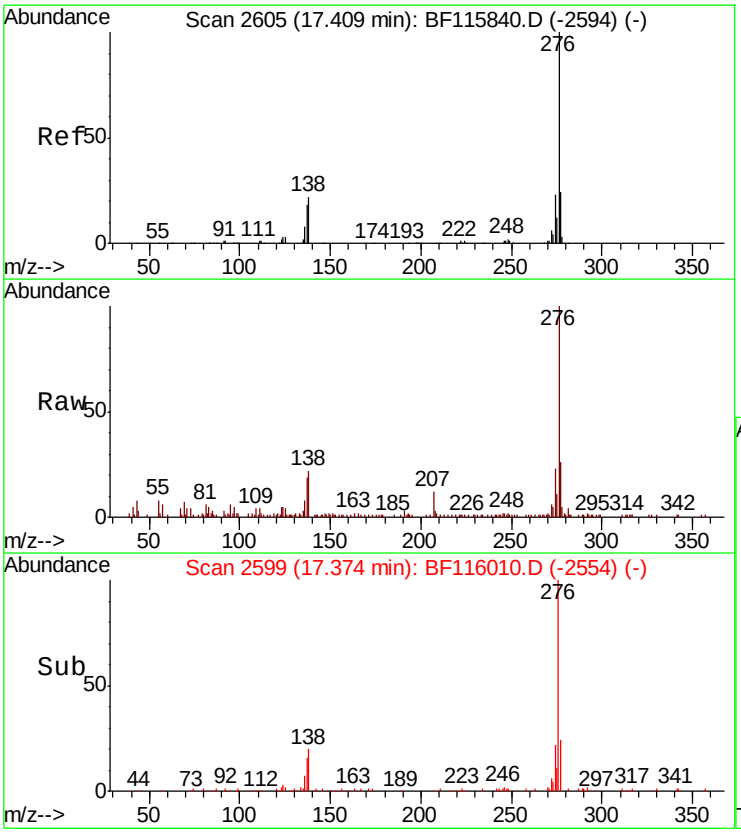
#90
Benzo(a)pyrene
Concen: 7.742 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.02 min
Lab File: BF116010.D
Acq: 6 Aug 2019 13:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 138193

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	12.6	8.8	13.2





#92
Benzo(g,h,i)perylene
Concen: 5.872 ng
RT: 17.37 min Scan# 2599
Delta R.T. -0.04 min
Lab File: BF116010.D
Acq: 6 Aug 2019 13:55

Tgt Ion:276 Resp: 89102

Ion	Ratio	Lower	Upper
276	100		
277	25.6	19.5	29.3
138	22.1	17.8	26.8