Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
Data File : BF116011.D
Acq On : 6 Aug 2019 14:22
Operator : HP/JU
Sample : K4135-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 07 01:13:38 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	125912	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	486694	20.00	ng		-0.01
39) Acenaphthene-d10	9.87	164	256720	20.00	ng		-0.02
64) Phenanthrene-d10	11.36	188	440724	20.00	ng		-0.02
76) Chrysene-d12	14.00	240	291640	20.00	ng		-0.02
87) Perylene-d12	15.46	264	339933	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	706380	93.92	ng		0.00
7) Phenol-d6	6.47	99	927373	97.73	ng		-0.01
23) Nitrobenzene-d5	7.40	82	590809	70.07	ng		-0.01
42) 2,4,6-Tribromophenol	10.66	330	210676	84.64	ng		-0.02
45) 2-Fluorobiphenyl	9.20	172	1009426	73.65	ng		-0.02
79) Terphenyl-d14	12.94	244	1020486	73.73	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.40	70	76171	12.953	ng	#	77
25) Isophorone	7.40	82	590806	36.645	ng	#	66
50) Dimethylphthalate	9.59	163	96336	5.511	ng		99
51) 2,6-Dinitrotoluene	9.87	165	32968	8.679	ng	#	28
57) 2,4-Dinitrotoluene	9.87	165	32969	6.519	ng	#	25
67) 4-Bromophenyl-phenylether	10.66	248	12676	2.687	ng	#	1
71) Phenanthrene	11.39	178	426097	18.912	ng		99
72) Anthracene	11.44	178	126759	5.559	ng		98
75) Fluoranthene	12.57	202	620635	26.312	ng		98
78) Pyrene	12.80	202	529743	24.096	ng		99
81) Benzo(a)anthracene	13.99	228	260070	13.952	ng		99
83) Chrysene	14.03	228	199849	11.043	ng		98
86) Indeno(1,2,3-cd)pyrene	16.93	276	125823	8.278	ng		94
88) Benzo(b)fluoranthene	15.04	252	343882	17.496	ng	#	97
89) Benzo(k)fluoranthene	15.04	252	343882	17.962	ng		99
90) Benzo(a)pyrene	15.40	252	194989	11.098	ng		100
92) Benzo(g,h,i)perylene	17.37	276	115329	7.721	ng		99

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

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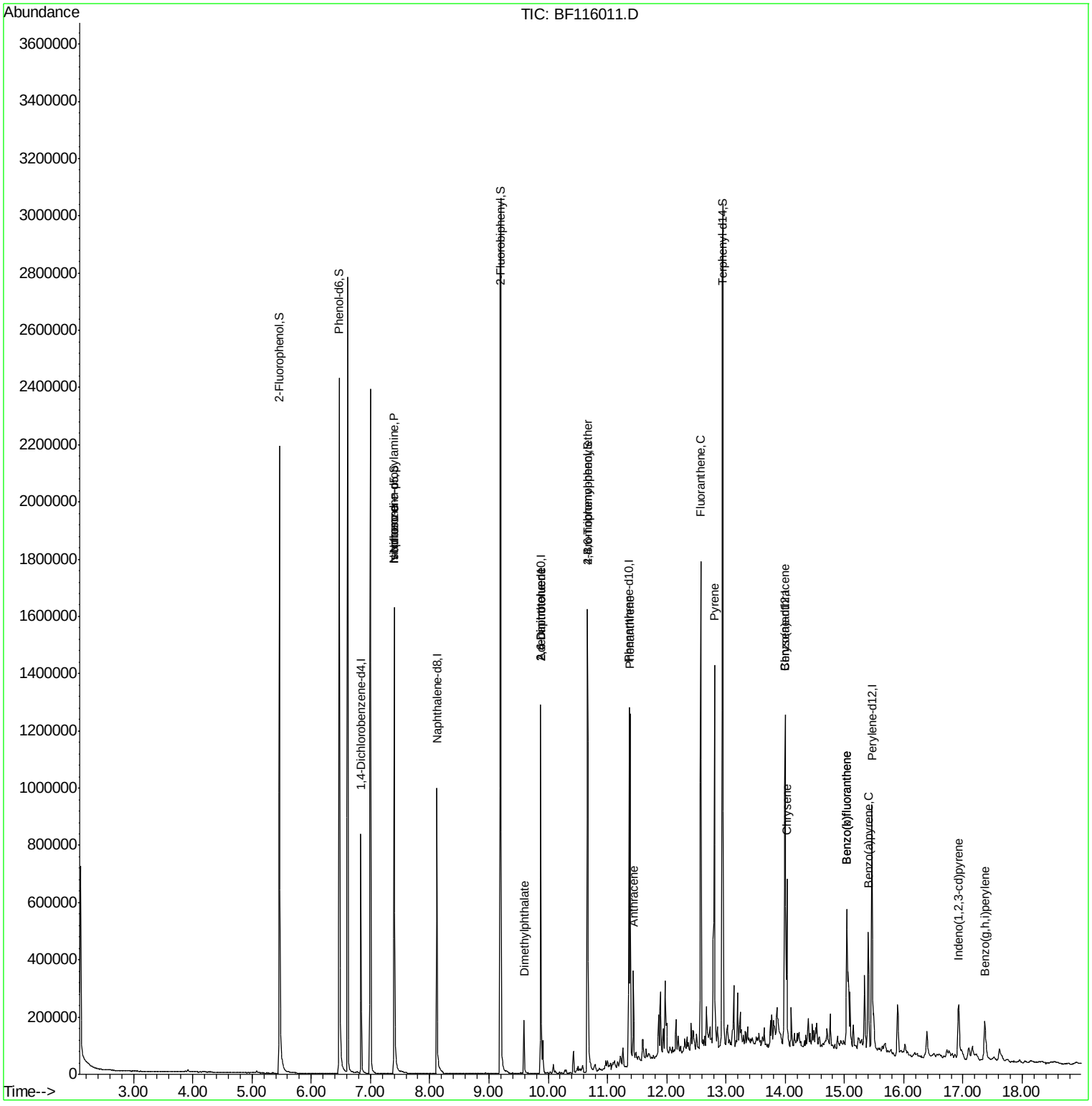
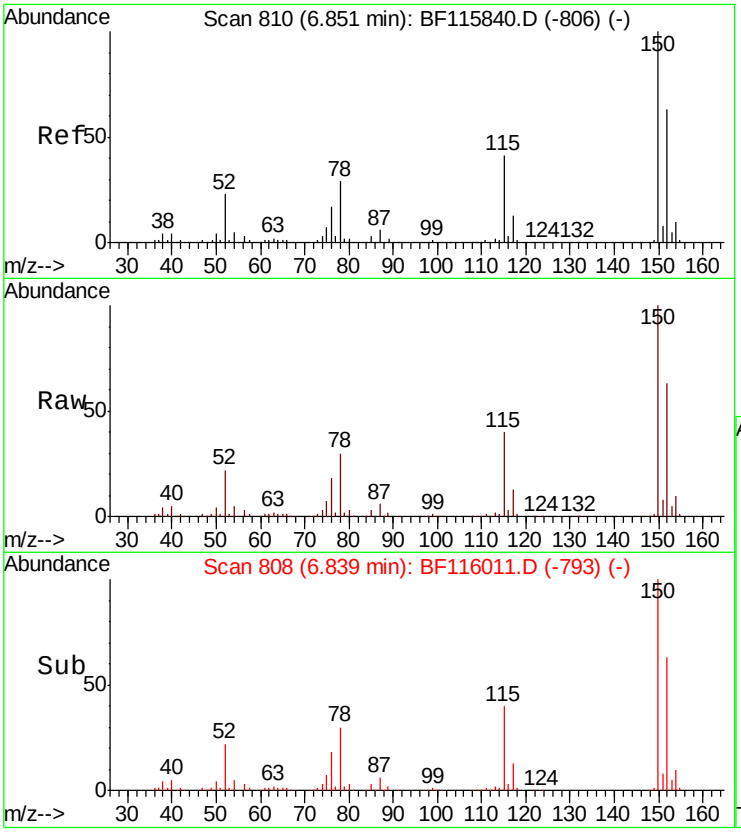


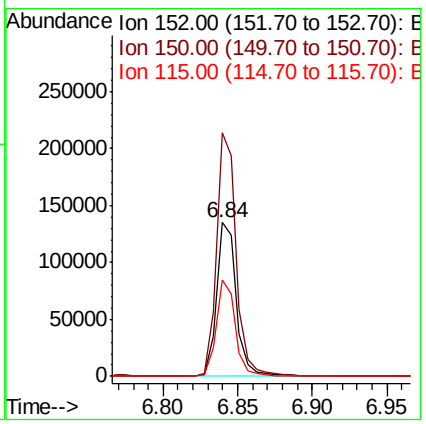


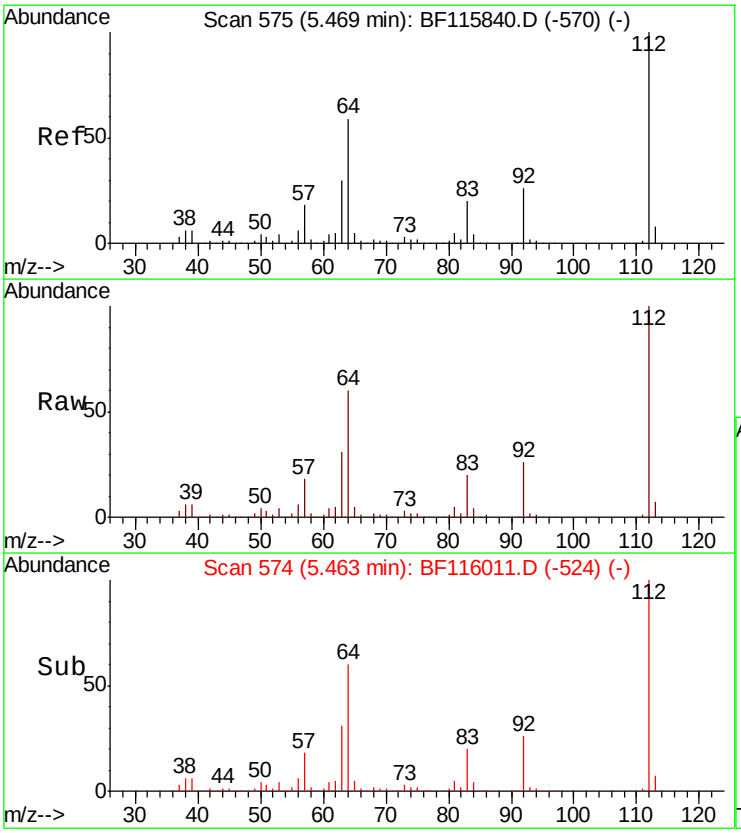
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116011.D
Acq: 6 Aug 2019 14:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 125912

Ion	Ratio	Lower	Upper
152	100		
150	158.2	127.4	191.0
115	63.0	51.8	77.8

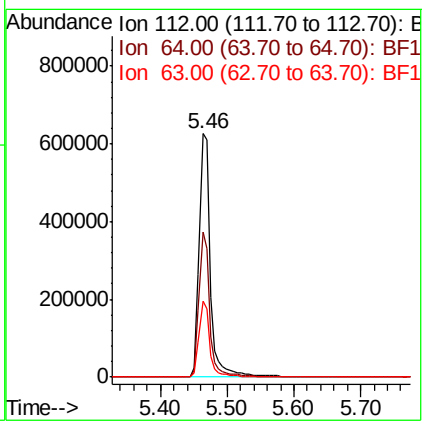


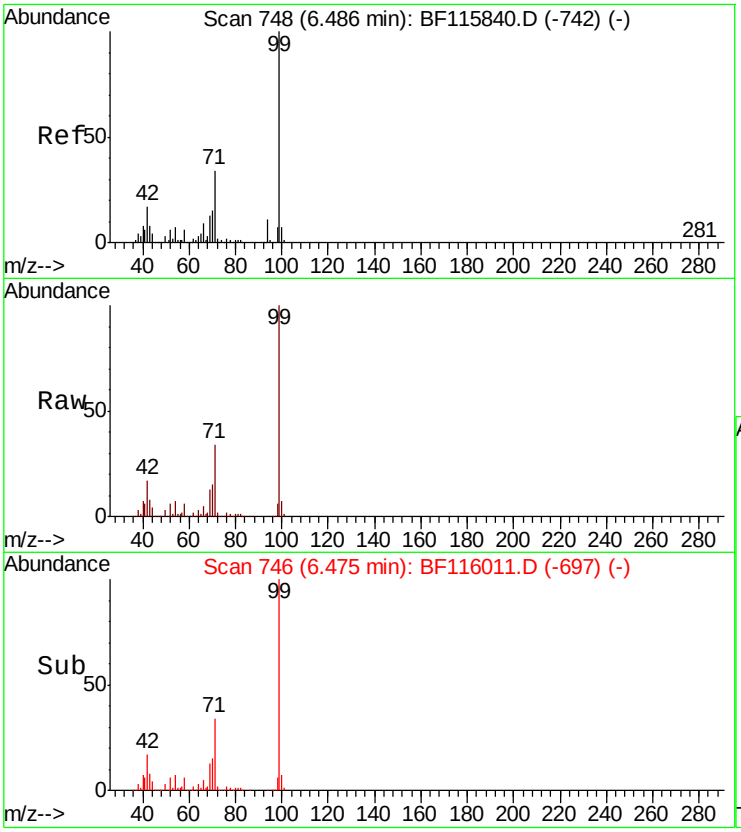


#5
2-Fluorophenol
Concen: 93.917 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF116011.D
Acq: 6 Aug 2019 14:22

Tgt Ion:112 Resp: 706380

Ion	Ratio	Lower	Upper
112	100		
64	59.5	46.8	70.2
63	31.2	24.2	36.2



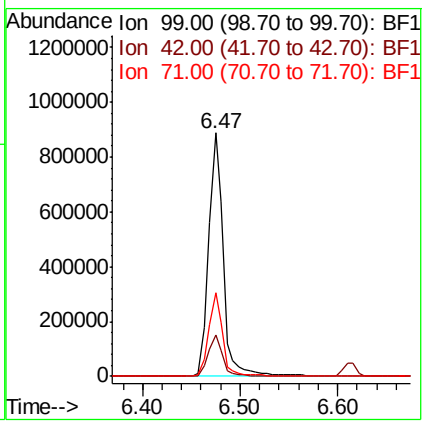


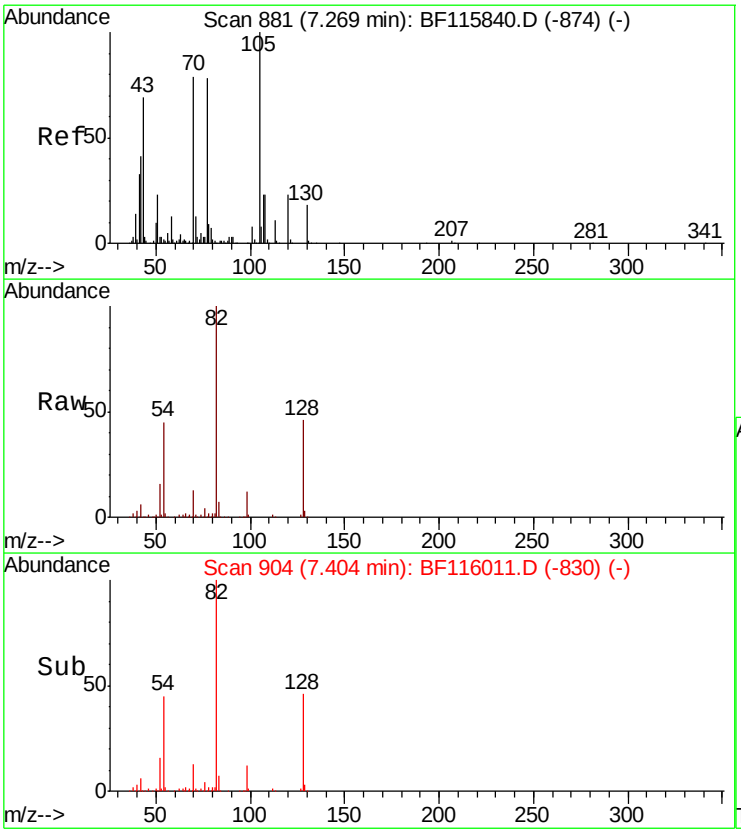
#7
Phenol-d6
Concen: 97.726 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF116011.D
Acq: 6 Aug 2019 14:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 927373

Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.8	20.6
71	34.2	27.1	40.7

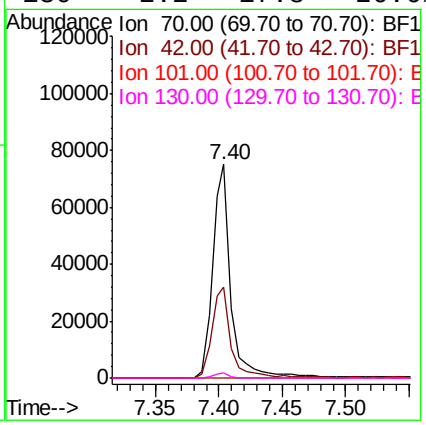


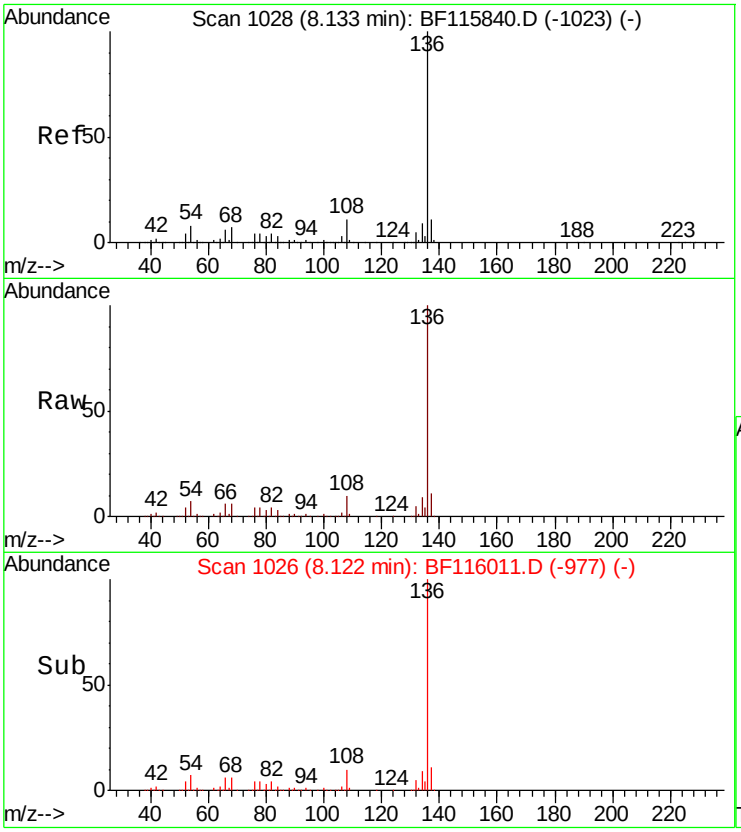


#19
n-Nitroso-di-n-propylamine
Concen: 12.953 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.14 min
Lab File: BF116011.D
Acq: 6 Aug 2019 14:22

Tgt Ion: 70 Resp: 76171

Ion	Ratio	Lower	Upper
70	100		
42	42.4	41.8	62.8
101	0.0	7.7	11.5#
130	2.2	17.8	26.6#



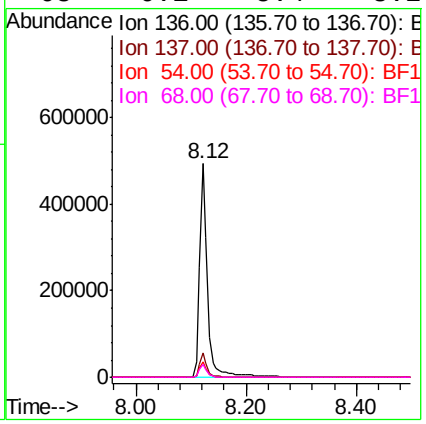


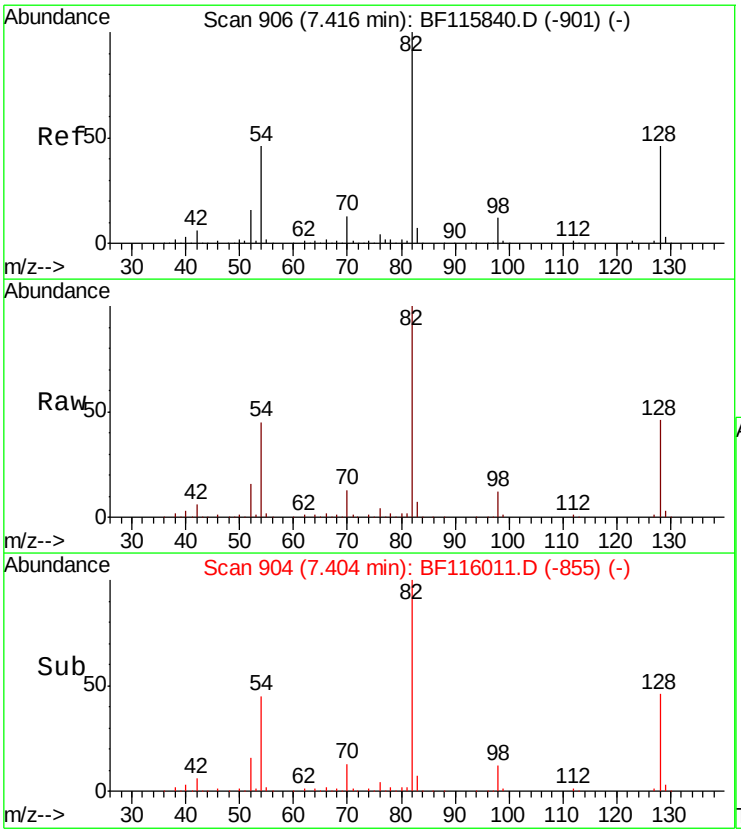
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF116011.D
Acq: 6 Aug 2019 14:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 486694

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	7.2	6.1	9.1
68	6.1	5.4	8.2

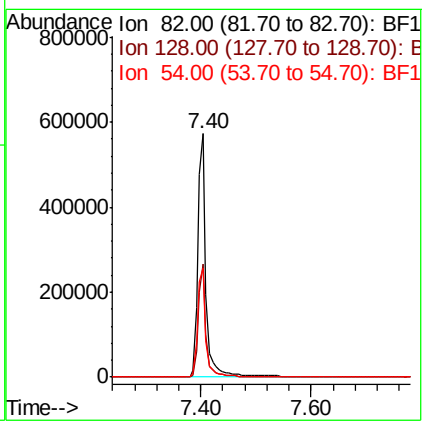


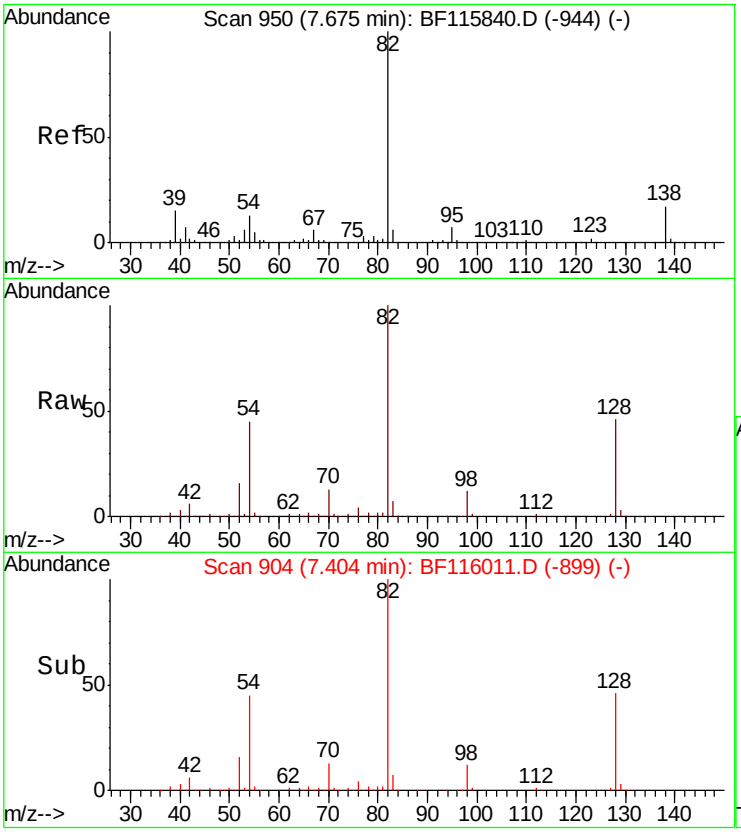


#23
Nitrobenzene-d5
Concen: 70.071 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116011.D
Acq: 6 Aug 2019 14:22

Tgt Ion: 82 Resp: 590809

Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.6	55.0
54	44.9	36.6	55.0

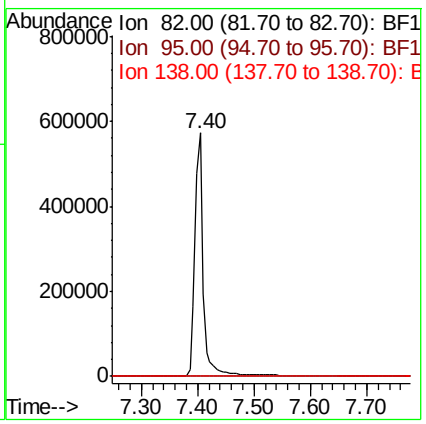




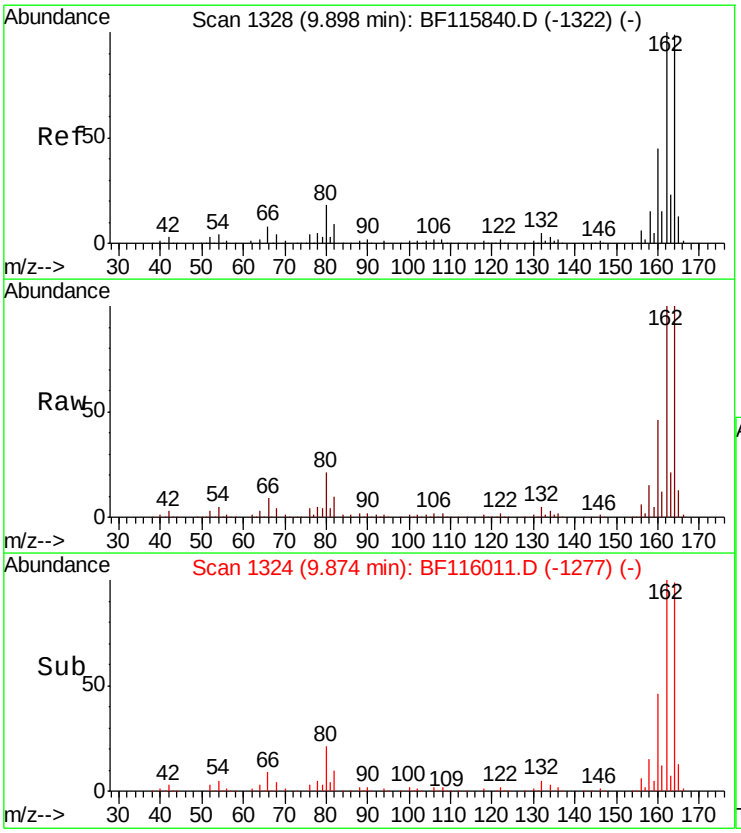
#25
Isophorone
Concen: 36.645 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.27 min
Lab File: BF116011.D
Acq: 6 Aug 2019 14:22

Tgt Ion: 82 Resp: 590806

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



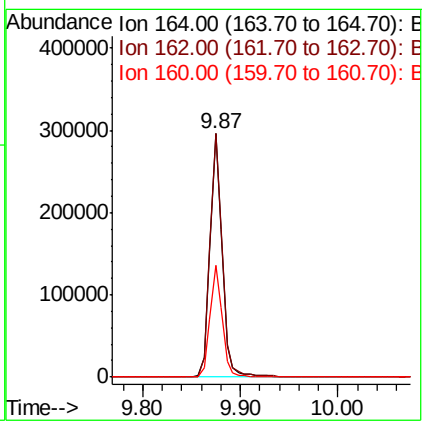
Instrument :
BNA_F
ClientSampleId :

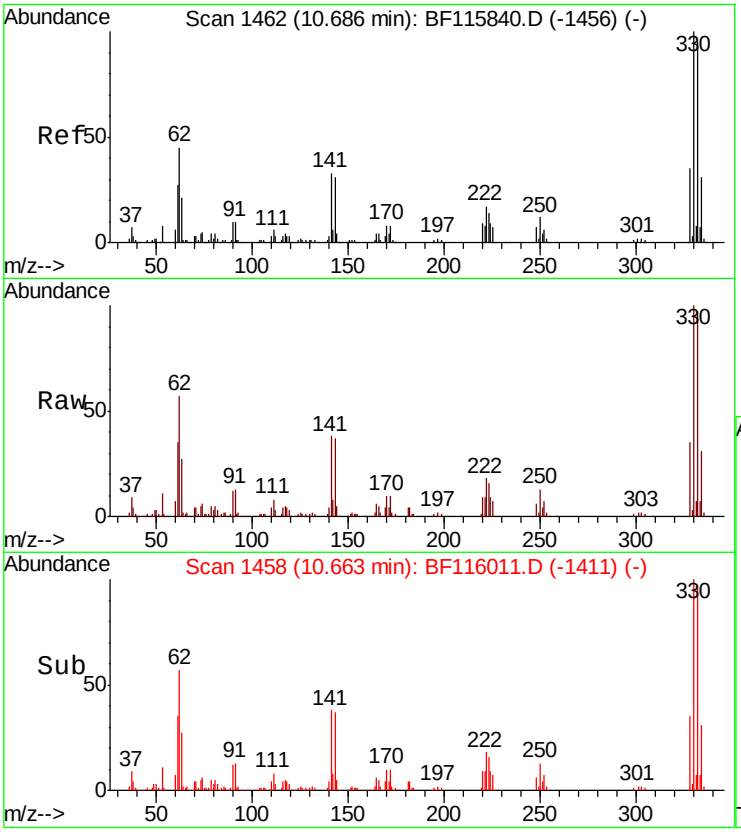


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.02 min
Lab File: BF116011.D
Acq: 6 Aug 2019 14:22

Tgt Ion:164 Resp: 256720

Ion	Ratio	Lower	Upper
164	100		
162	99.8	80.8	121.2
160	45.8	36.2	54.4



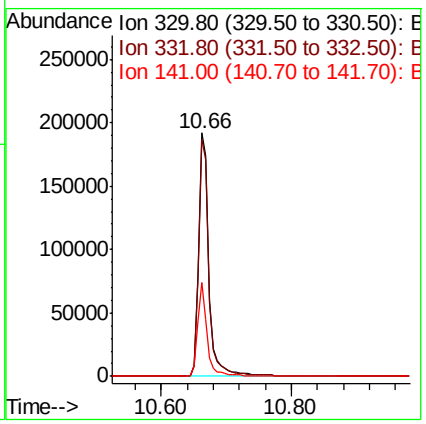


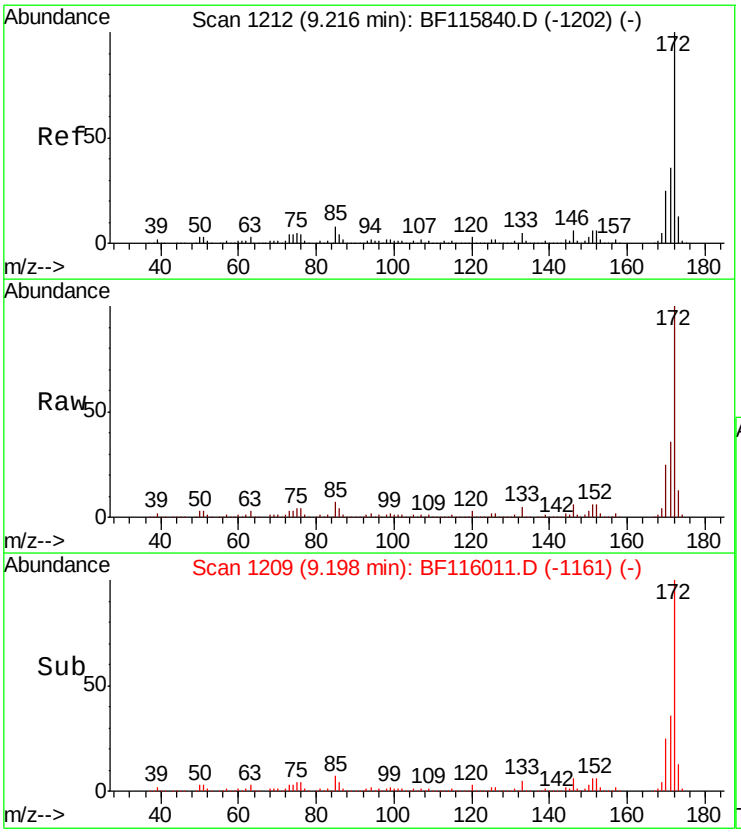
#42
2,4,6-Tribromophenol
Concen: 84.644 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.02 min
Lab File: BF116011.D
Acq: 6 Aug 2019 14:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 210676

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.7	116.5
141	35.3	28.1	42.1

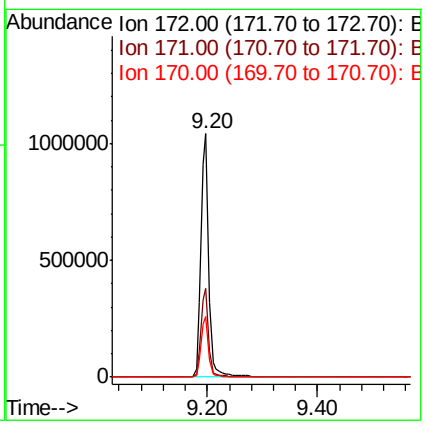


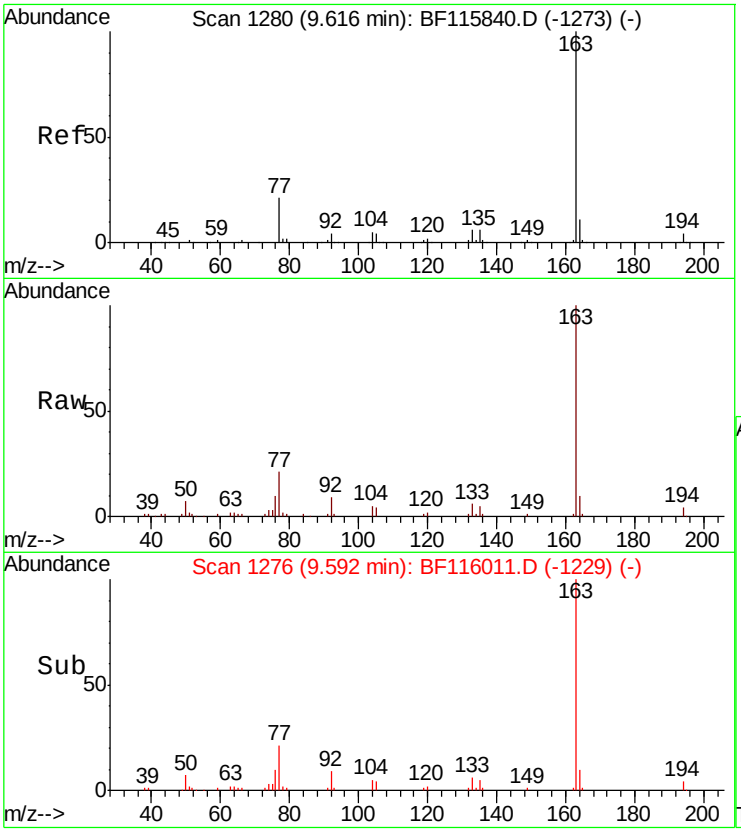


#45
2-Fluorobiphenyl
Concen: 73.649 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.02 min
Lab File: BF116011.D
Acq: 6 Aug 2019 14:22

Tgt Ion:172 Resp: 1009426

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.1	43.7
170	24.7	20.1	30.1



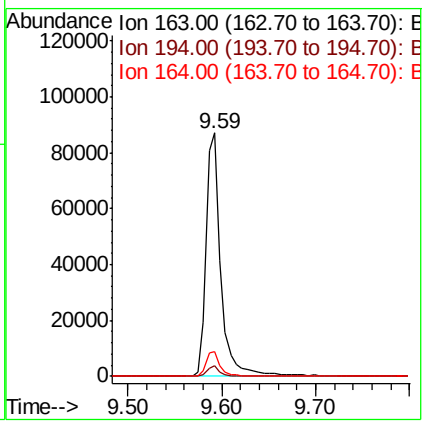


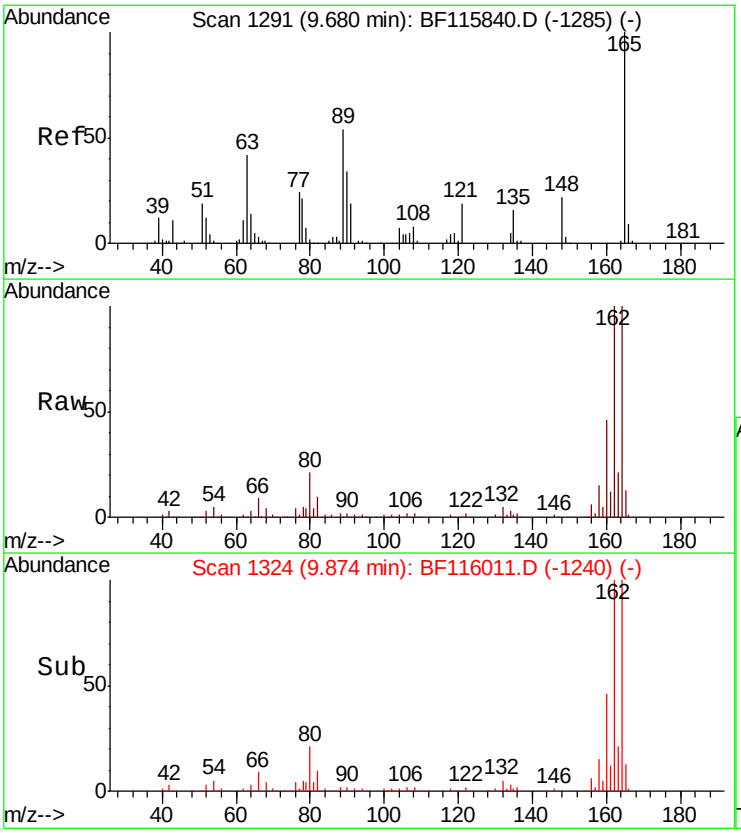
#50
Dimethylphthalate
Concen: 5.511 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF116011.D
Acq: 6 Aug 2019 14:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 96336

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.0	4.6
164	10.1	8.4	12.6

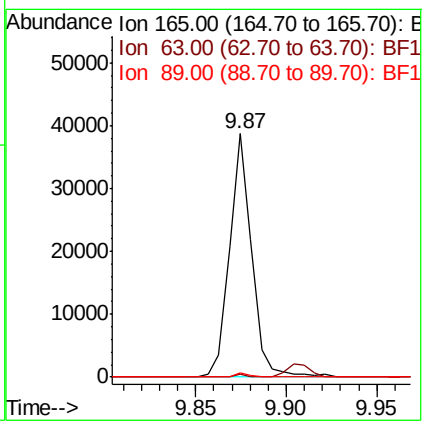


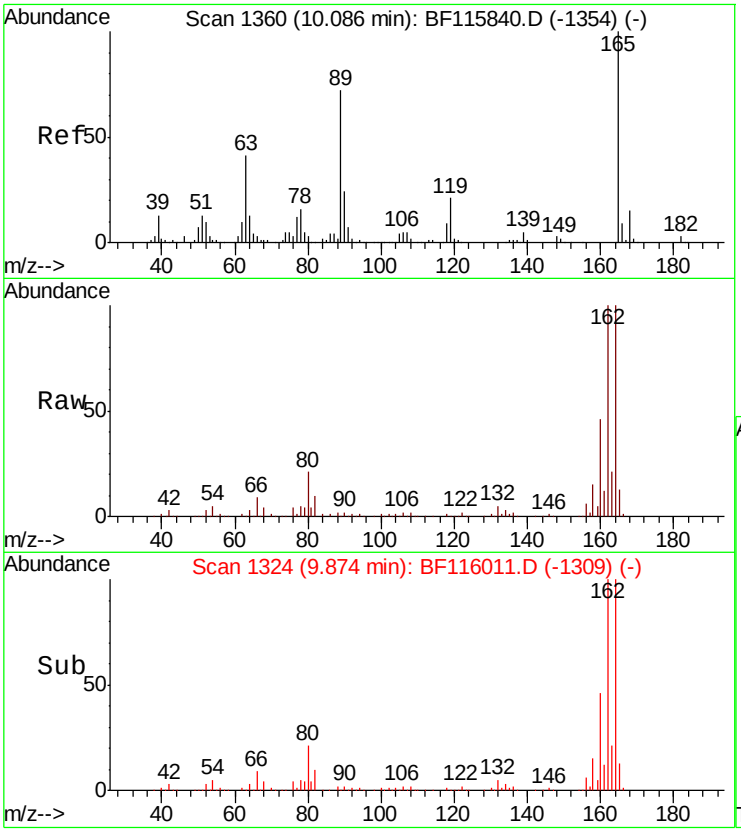


#51
2,6-Dinitrotoluene
Concen: 8.679 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.19 min
Lab File: BF116011.D
Acq: 6 Aug 2019 14:22

Tgt Ion:165 Resp: 32968

Ion	Ratio	Lower	Upper
165	100		
63	1.2	39.4	59.2#
89	1.6	43.0	64.6#



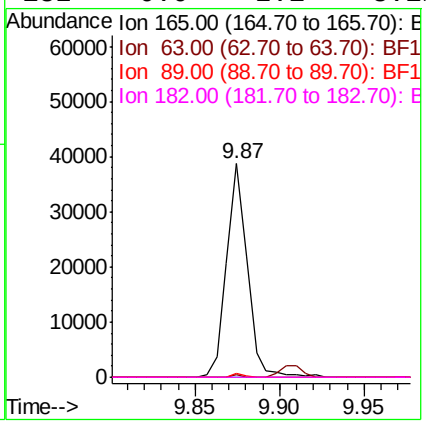


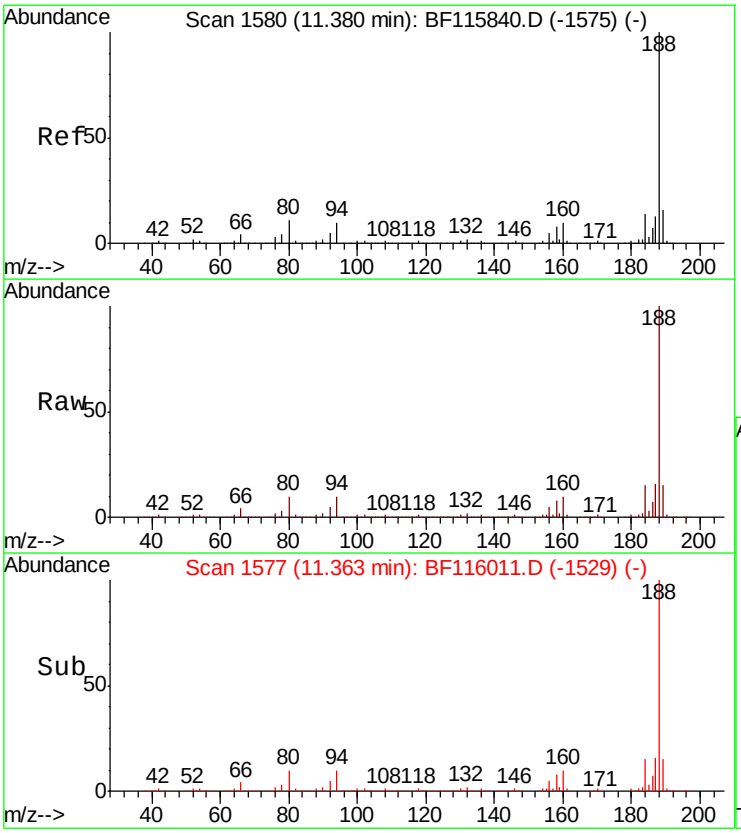
#57
2,4-Dinitrotoluene
Concen: 6.519 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.21 min
Lab File: BF116011.D
Acq: 6 Aug 2019 14:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 32969

Ion	Ratio	Lower	Upper
165	100		
63	1.2	33.2	49.8#
89	1.6	57.3	85.9#
182	0.0	2.1	3.1#

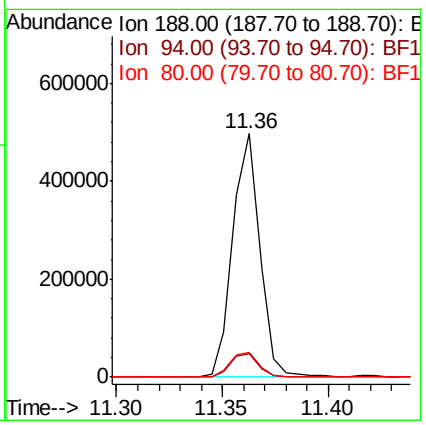


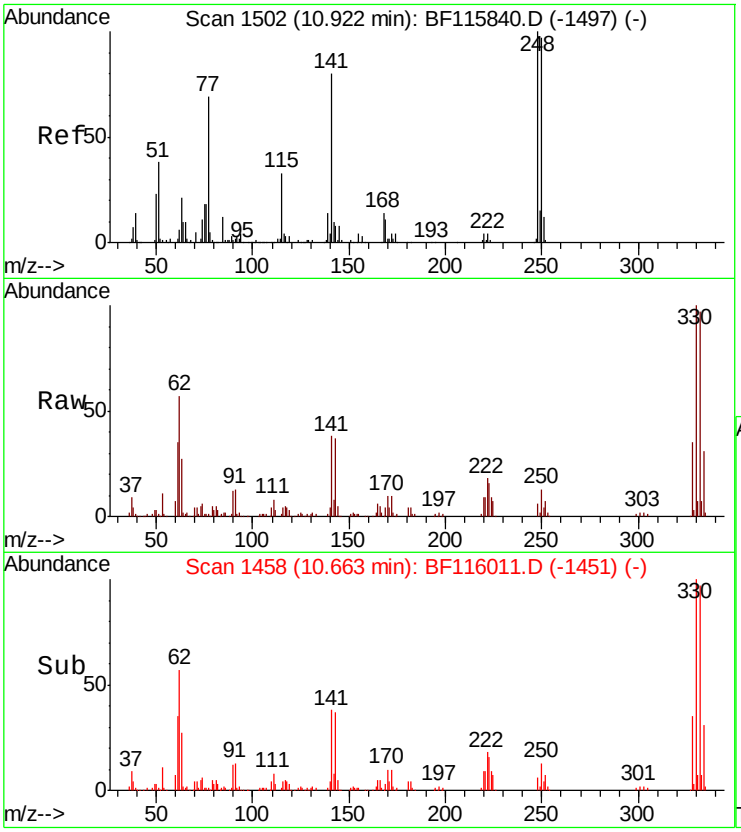


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.02 min
Lab File: BF116011.D
Acq: 6 Aug 2019 14:22

Tgt Ion:188 Resp: 440724

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.0	12.0
80	10.1	8.6	12.8



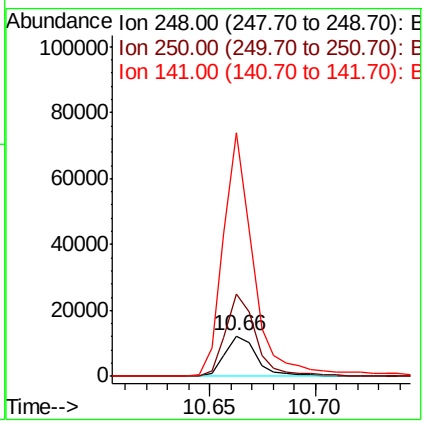


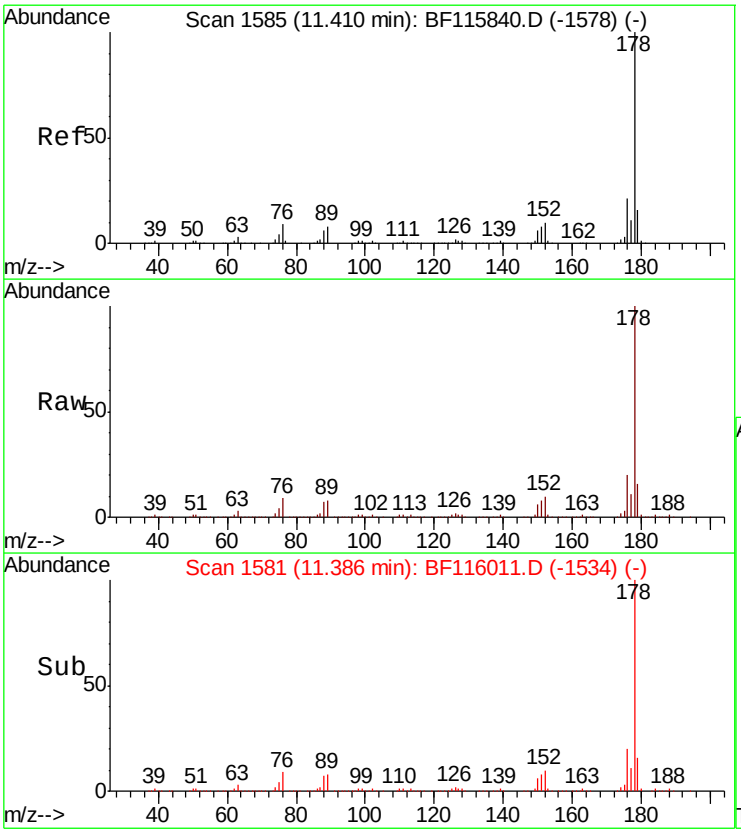
#67
4-Bromophenyl-phenylether
Concen: 2.687 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.26 min
Lab File: BF116011.D
Acq: 6 Aug 2019 14:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 12676

Ion	Ratio	Lower	Upper
248	100		
250	203.8	77.8	116.6#
141	598.5	64.3	96.5#

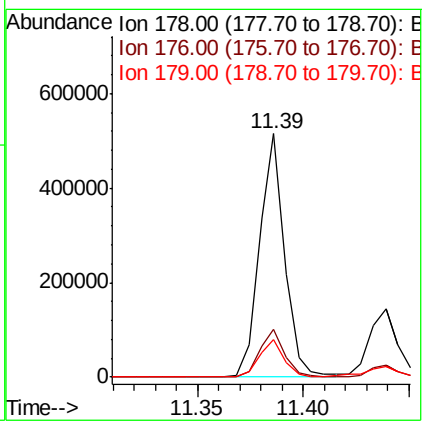


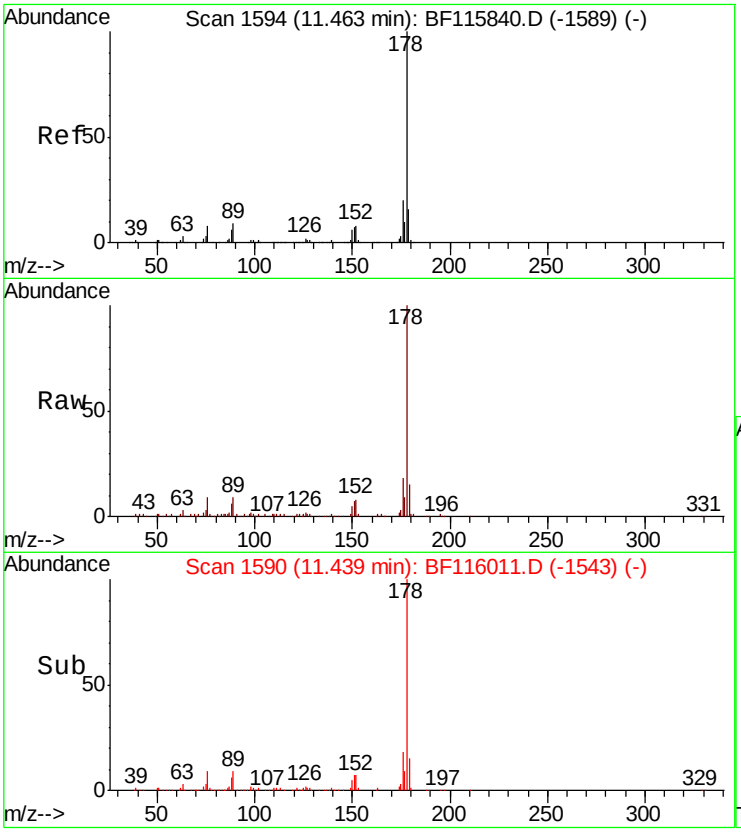


#71
Phenanthrene
Concen: 18.912 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.02 min
Lab File: BF116011.D
Acq: 6 Aug 2019 14:22

Tgt Ion:178 Resp: 426097

Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.5	24.7
179	15.6	12.6	18.8



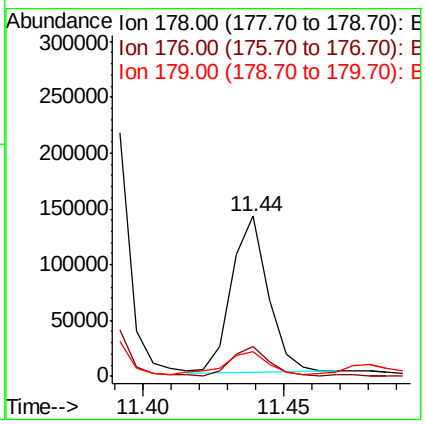


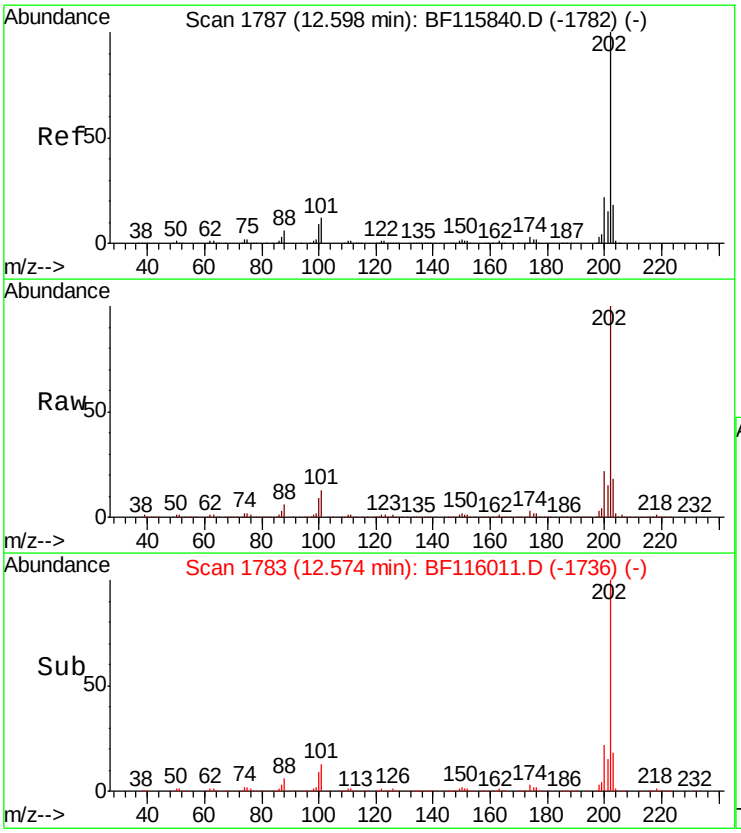
#72
Anthracene
Concen: 5.559 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.02 min
Lab File: BF116011.D
Acq: 6 Aug 2019 14:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 126759

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.7	23.5
179	15.5	12.4	18.6

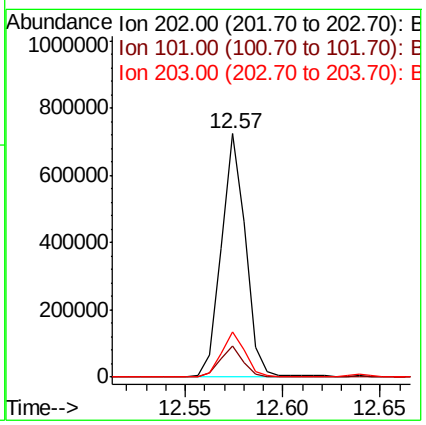


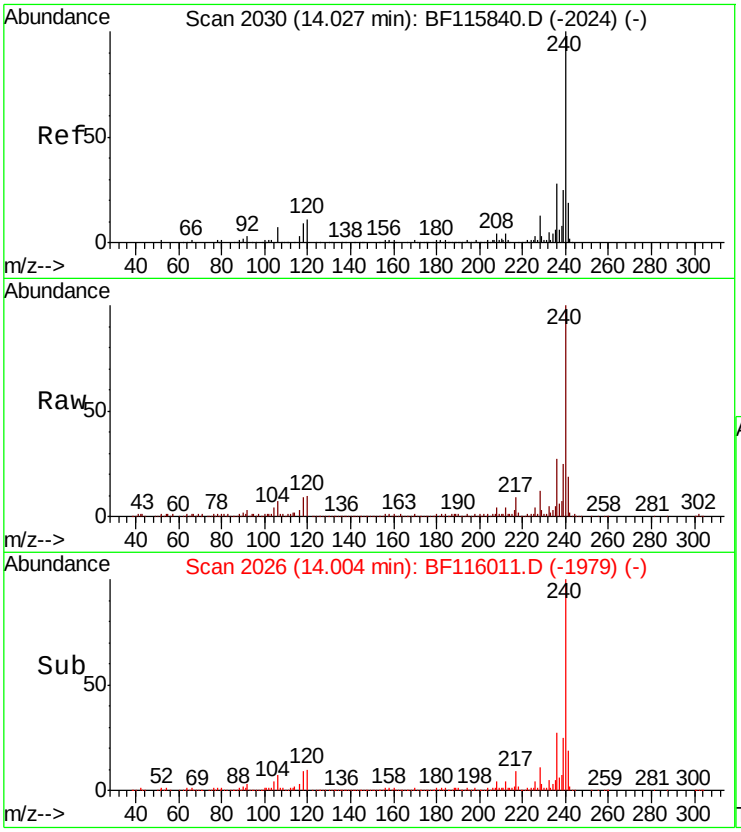


#75
Fluoranthene
Concen: 26.312 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.02 min
Lab File: BF116011.D
Acq: 6 Aug 2019 14:22

Tgt Ion:202 Resp: 620635

Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	31.5
203	18.4	0.0	37.9



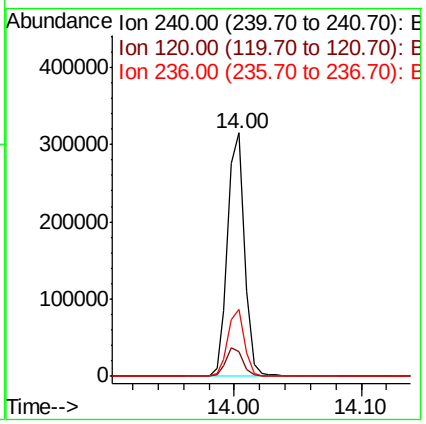


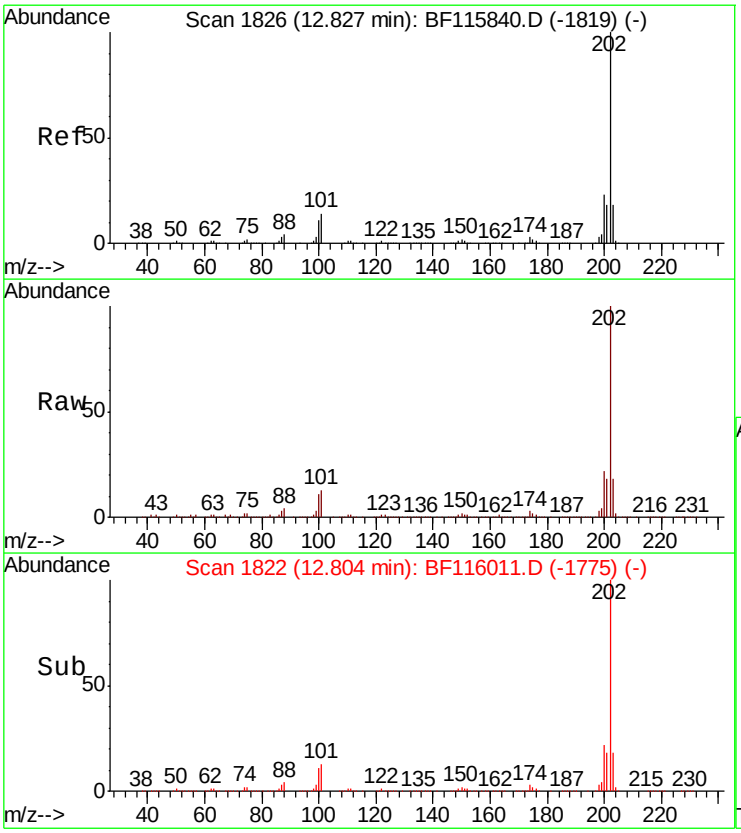
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BF116011.D
Acq: 6 Aug 2019 14:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 291640

Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.5	12.7
236	27.4	22.2	33.2

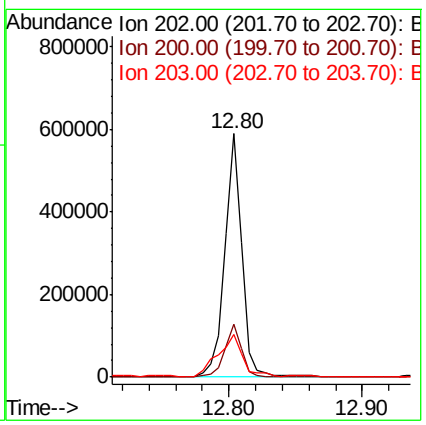


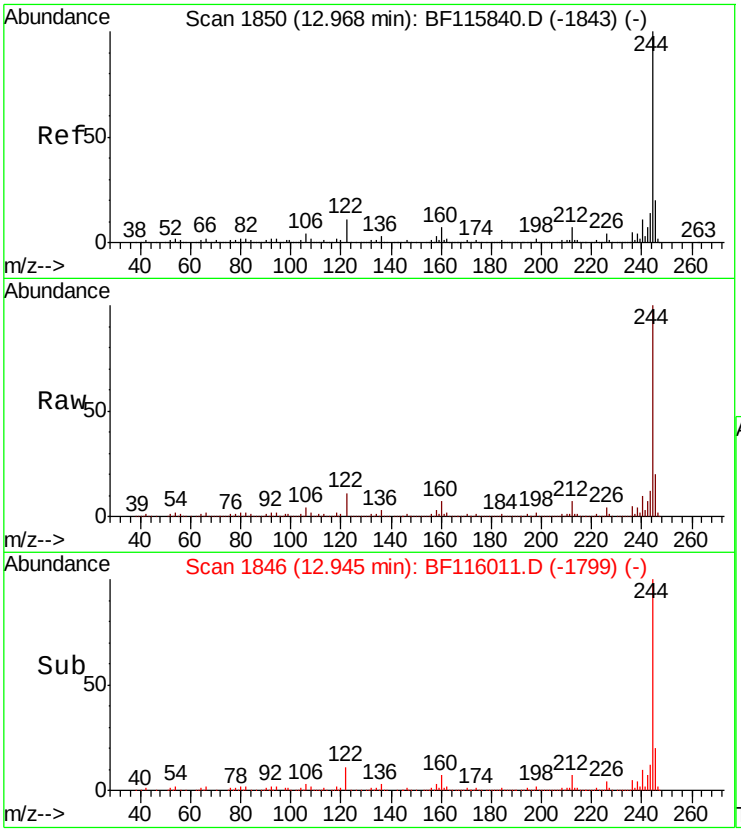


#78
Pyrene
Concen: 24.096 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.02 min
Lab File: BF116011.D
Acq: 6 Aug 2019 14:22

Tgt Ion:202 Resp: 529743

Ion	Ratio	Lower	Upper
202	100		
200	21.6	18.2	27.2
203	17.7	14.3	21.5



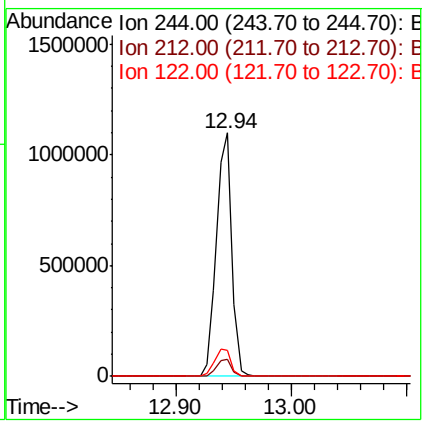


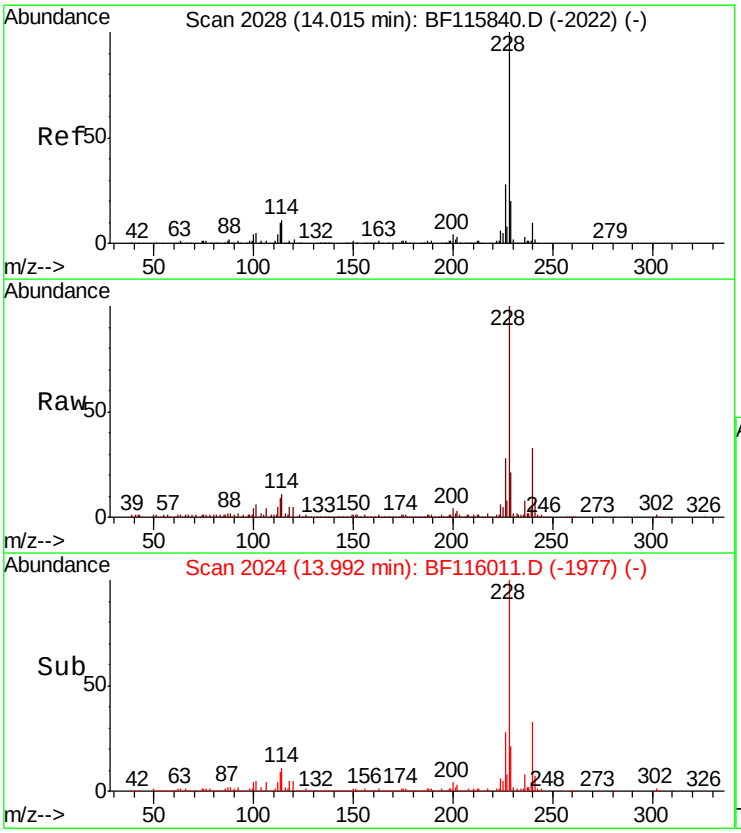
#79
Terphenyl-d14
Concen: 73.732 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.02 min
Lab File: BF116011.D
Acq: 6 Aug 2019 14:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1020486

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	10.6	8.6	13.0

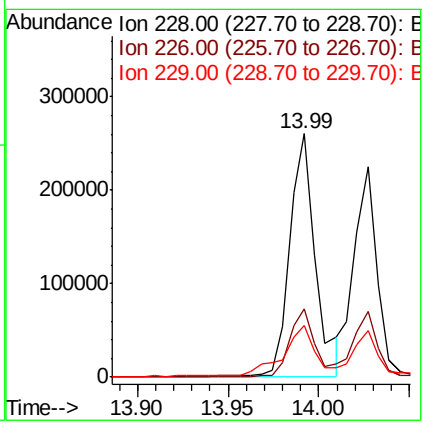


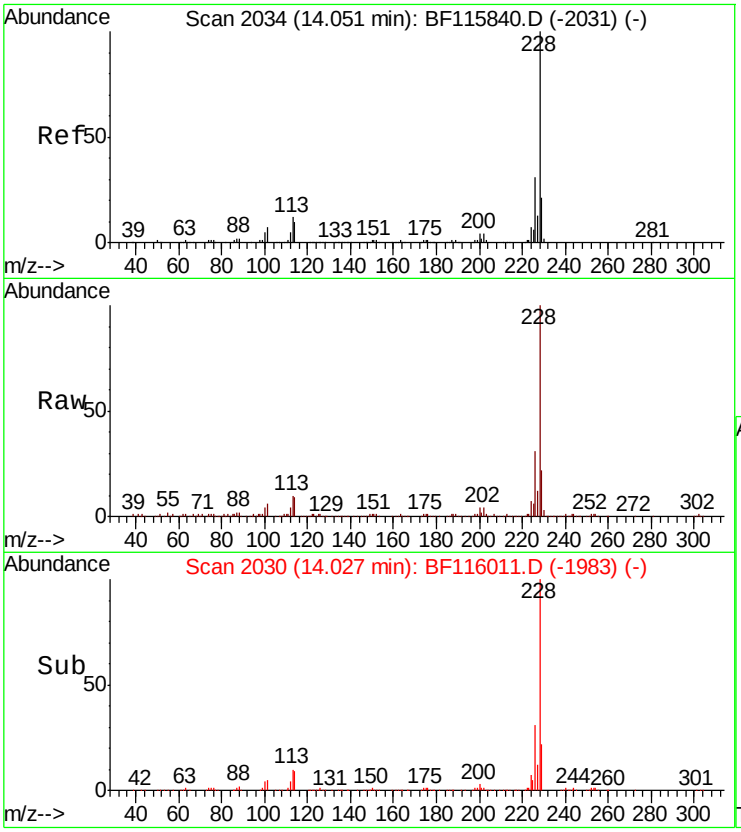


#81
Benzo(a)anthracene
Concen: 13.952 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.02 min
Lab File: BF116011.D
Acq: 6 Aug 2019 14:22

Tgt Ion:228 Resp: 260070

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.5	33.7
229	21.2	16.1	24.1



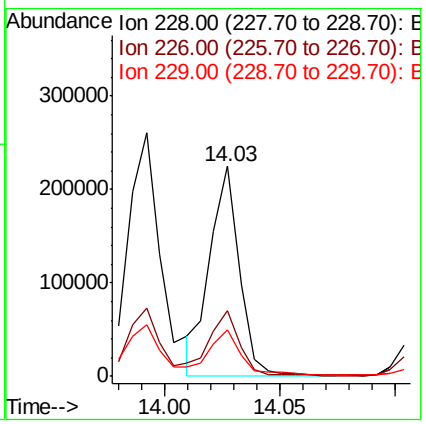


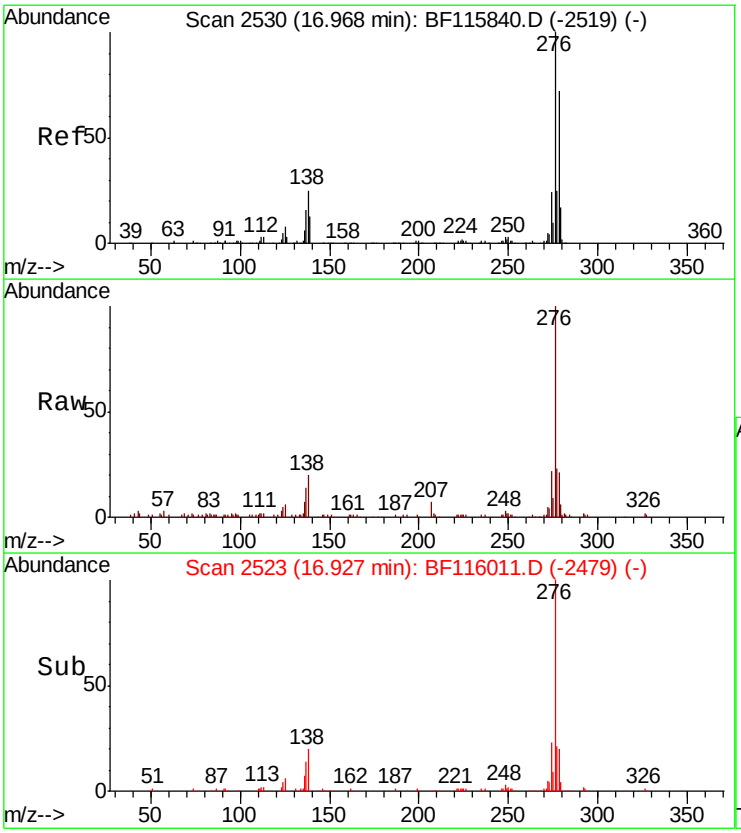
#83
Chrysene
Concen: 11.043 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.02 min
Lab File: BF116011.D
Acq: 6 Aug 2019 14:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 199849

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.8	37.2
229	22.1	16.4	24.6

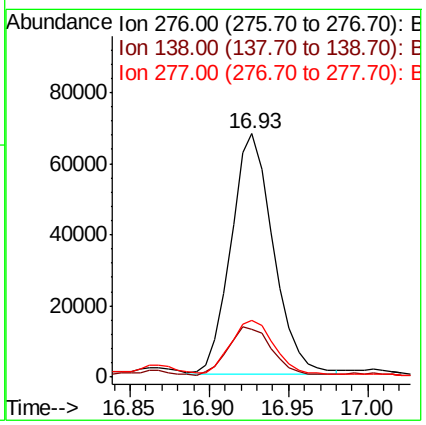


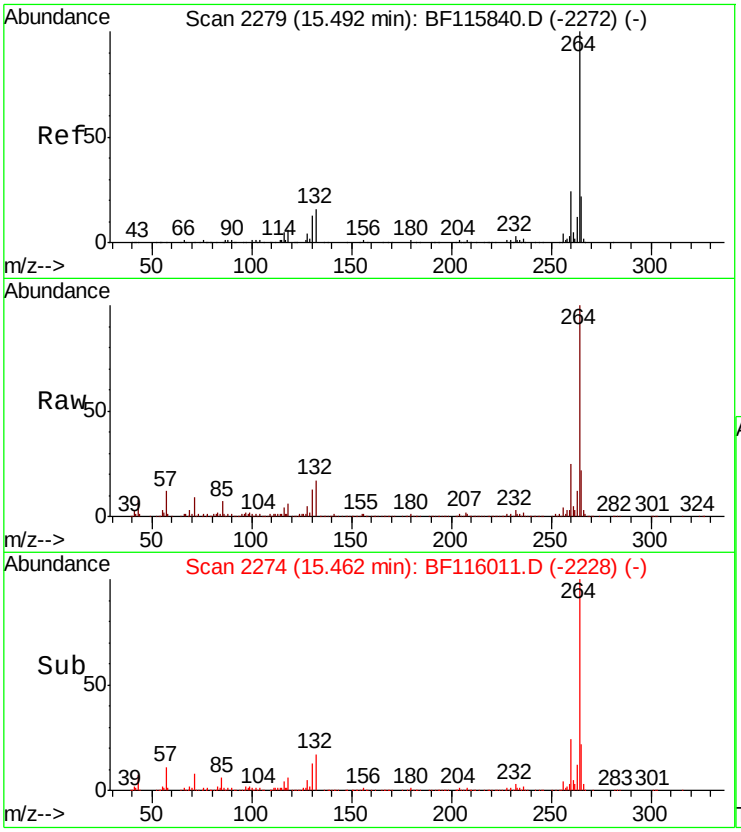


#86
Indeno(1,2,3-cd)pyrene
Concen: 8.278 ng
RT: 16.93 min Scan# 2523
Delta R.T. -0.04 min
Lab File: BF116011.D
Acq: 6 Aug 2019 14:22

Tgt Ion:276 Resp: 125823

Ion	Ratio	Lower	Upper
276	100		
138	21.1	19.6	29.4
277	22.9	20.1	30.1



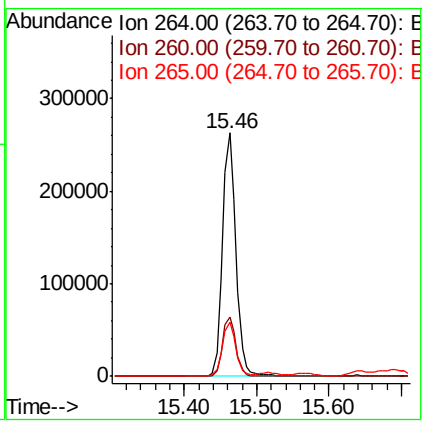


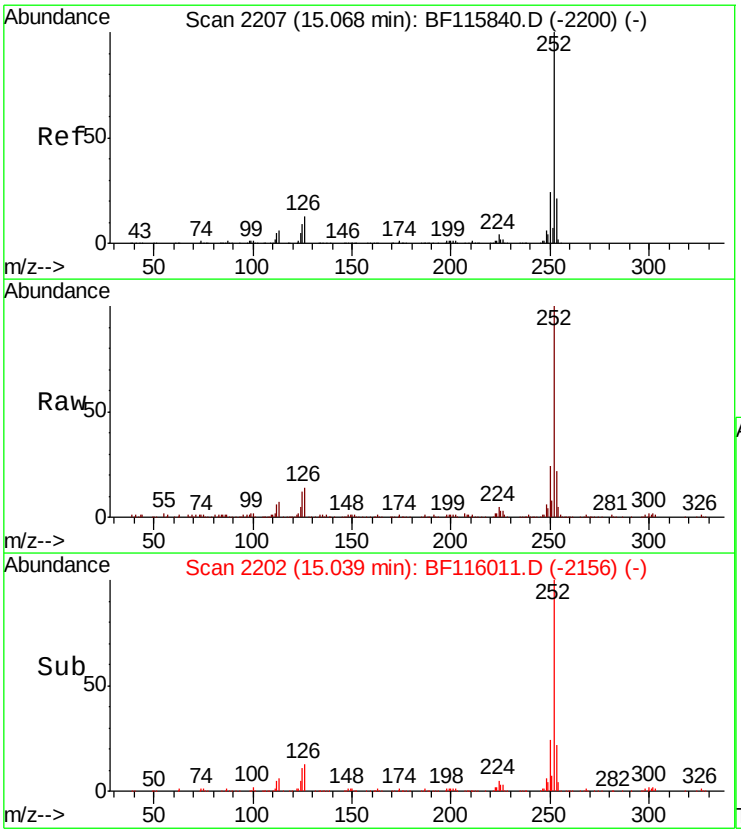
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.03 min
Lab File: BF116011.D
Acq: 6 Aug 2019 14:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 339933

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	22.3	17.5	26.3

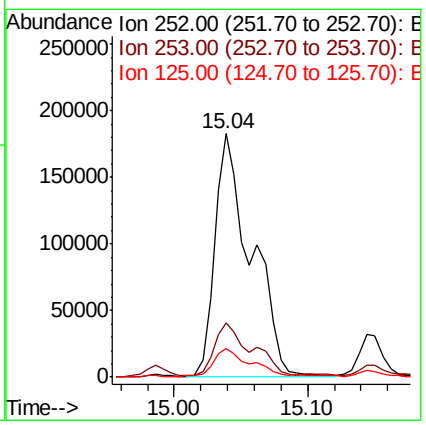


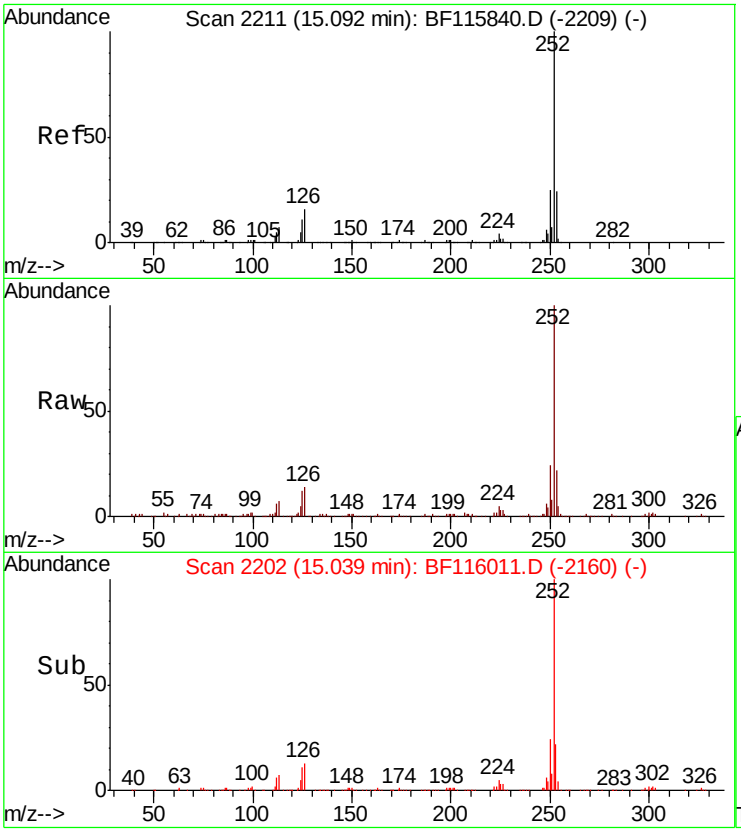


#88
Benzo(b)fluoranthene
Concen: 17.496 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.03 min
Lab File: BF116011.D
Acq: 6 Aug 2019 14:22

Tgt Ion:252 Resp: 343882

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	11.6	7.4	11.0#



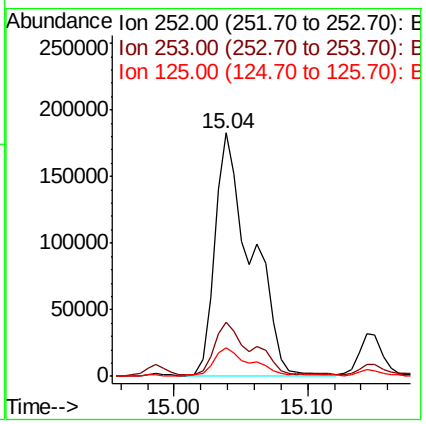


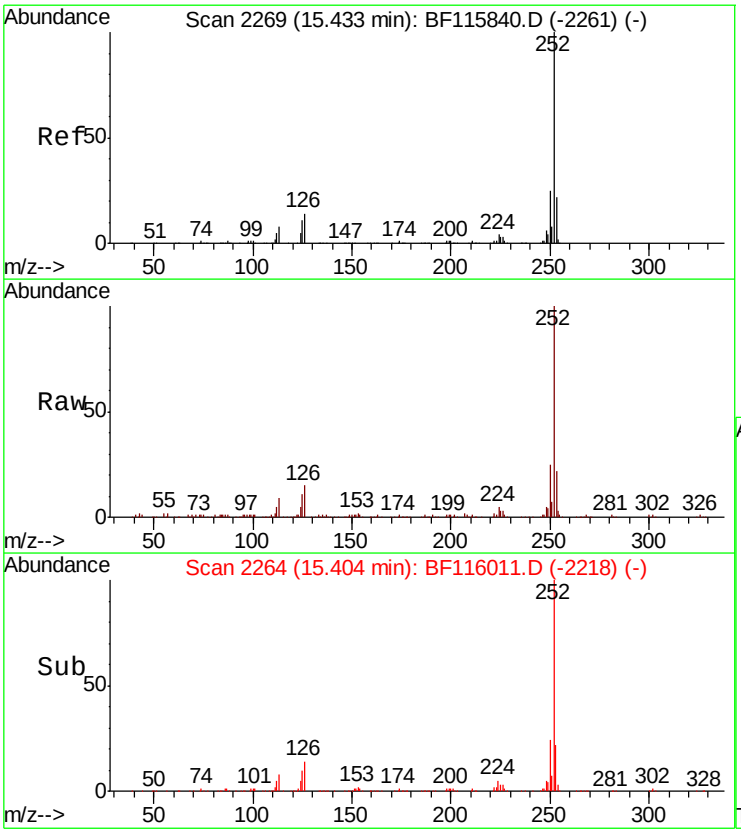
#89
Benzo(k)fluoranthene
Concen: 17.962 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.05 min
Lab File: BF116011.D
Acq: 6 Aug 2019 14:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 343882

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.4
125	11.6	8.9	13.3

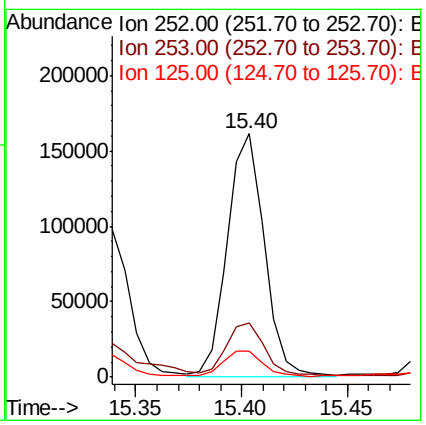


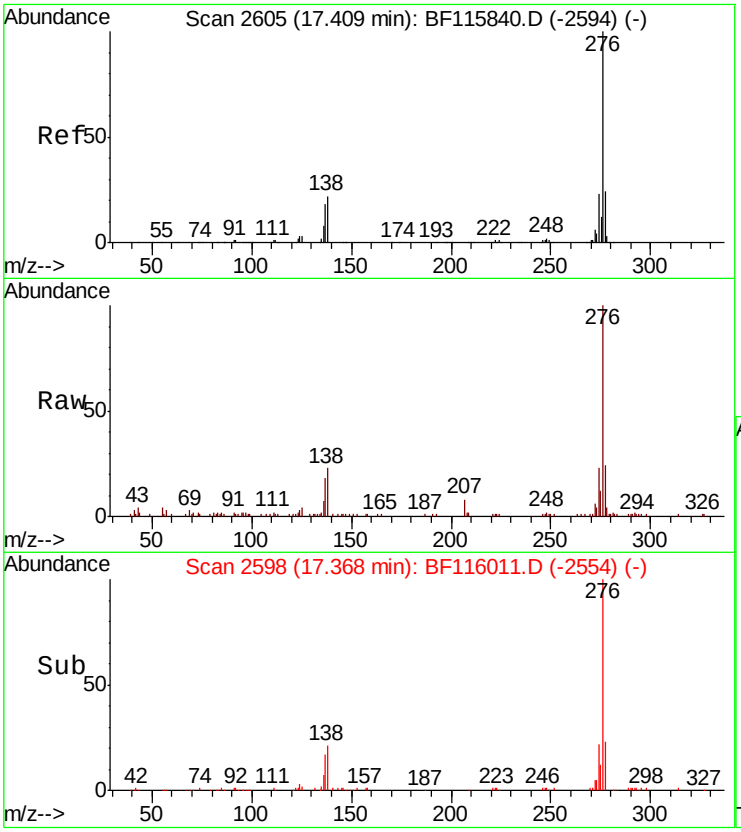


#90
Benzo(a)pyrene
Concen: 11.098 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.03 min
Lab File: BF116011.D
Acq: 6 Aug 2019 14:22

Tgt Ion:252 Resp: 194989

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	10.8	8.8	13.2





#92
Benzo(g,h,i)perylene
Concen: 7.721 ng
RT: 17.37 min Scan# 2598
Delta R.T. -0.04 min
Lab File: BF116011.D
Acq: 6 Aug 2019 14:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 115329

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.5	29.3
138	22.7	17.8	26.8