Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081219\
Data File : BN007125.D
Acq On : 13 Aug 2019 11:07
Operator : HP/JU
Sample : K4239-12
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Aug 13 12:15:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 13 12:12:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	9092	0.40	ng		0.00
6) Naphthalene-d8	10.19	136	35323	0.40	ng		0.00
12) Acenaphthene-d10	14.08	164	20260	0.40	ng		0.00
18) Phenanthrene-d10	16.82	188	47119	0.40	ng		0.00
26) Chrysene-d12	21.05	240	45899	0.40	ng		-0.01
32) Perylene-d12	23.16	264	50516	0.40	ng		0.00
System Monitoring Compounds							
3) 2-Fluorophenol	5.06	112	6168	0.28	ng		0.00
4) Phenol-d6	6.62	99	8319	0.31	ng		0.00
7) Nitrobenzene-d5	8.56	82	6534	0.23	ng		0.00
10) 2-Methylnaphthalene-d10	11.79	152	13830	0.21	ng		0.00
13) 2,4,6-Tribromophenol	15.57	330	1974	0.18	ng		0.00
14) 2-Fluorobiphenyl	12.71	172	4018	0.14	ng		0.00
24) Fluoranthene-d10	18.87	212	30116	0.18	ng		0.00
28) Terphenyl-d14	19.49	244	22374	0.18	ng		0.00
Target Compounds							Qvalue
8) Naphthalene	10.24	128	2089	0.021	ng	#	80
11) 2-Methylnaphthalene	11.87	142	1538	0.022	ng	#	81
15) Acenaphthylene	13.79	152	34354	0.324	ng		98
16) Acenaphthene	14.13	154	2878	0.042	ng		94
17) Fluorene	15.13	166	5485	0.054	ng	#	67
22) Phenanthrene	16.87	178	62211	0.441	ng		99
23) Anthracene	16.96	178	16894	0.131	ng		98
25) Fluoranthene	18.90	202	122578	0.679	ng		99
27) Pyrene	19.26	202	167946	1.043	ng		97
29) Benzo(a)anthracene	21.03	228	86493	0.515	ng	#	76
30) Chrysene	21.08	228	91064	0.558	ng		94
31) Indeno(1,2,3-cd)pyrene	25.24	276	47778	0.266	ng		99
33) Benzo(b)fluoranthene	22.54	252	96574	0.558	ng	#	94
34) Benzo(k)fluoranthene	22.54	252	96574	0.565	ng	#	94
35) Benzo(a)pyrene	23.07	252	74334	0.473	ng		96
36) Dibenzo(a,h)anthracene	25.25	278	13692	0.087	ng	#	64
37) Benzo(g,h,i)perylene	25.87	276	52677	0.327	ng		95

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081219\
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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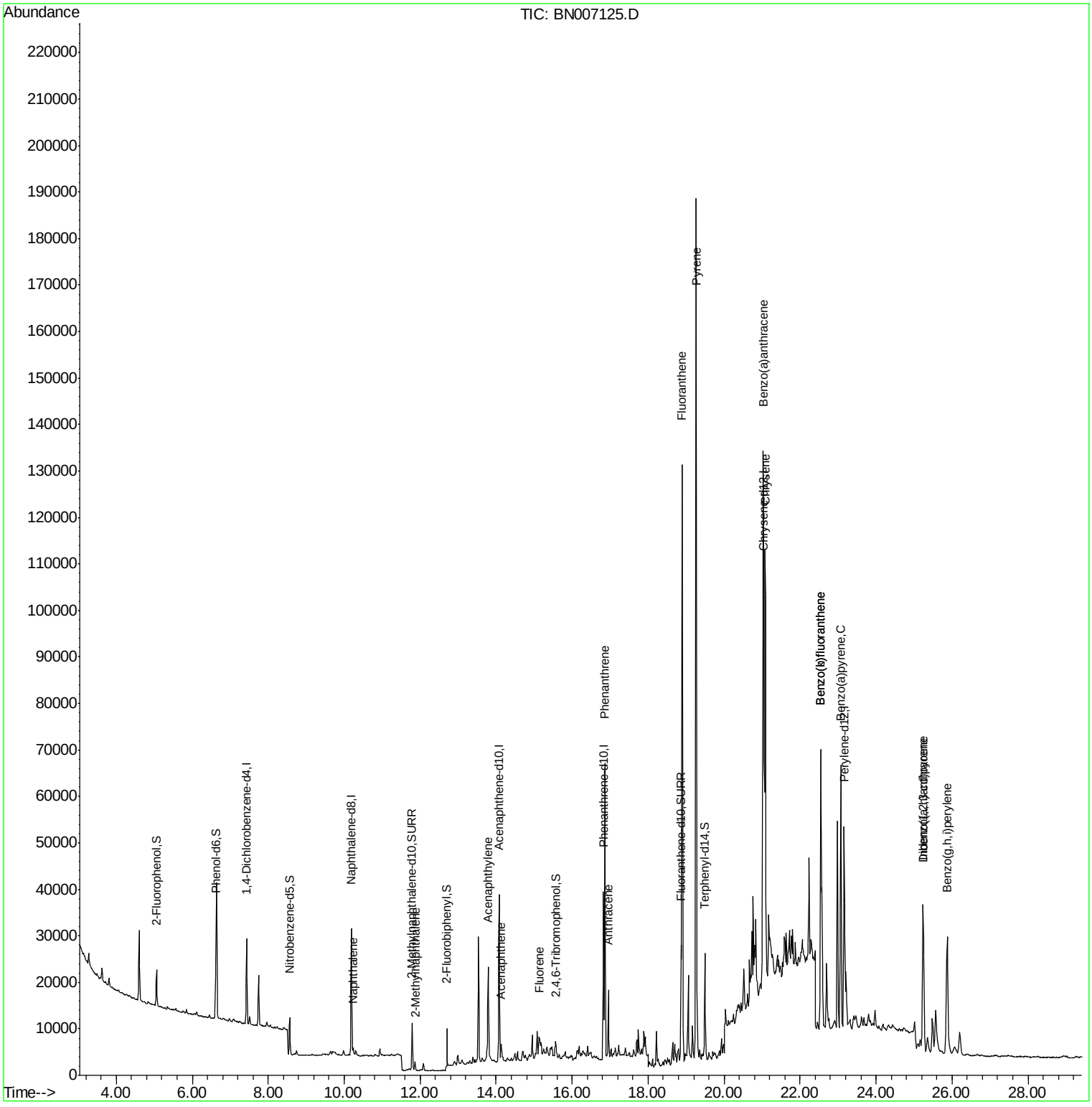
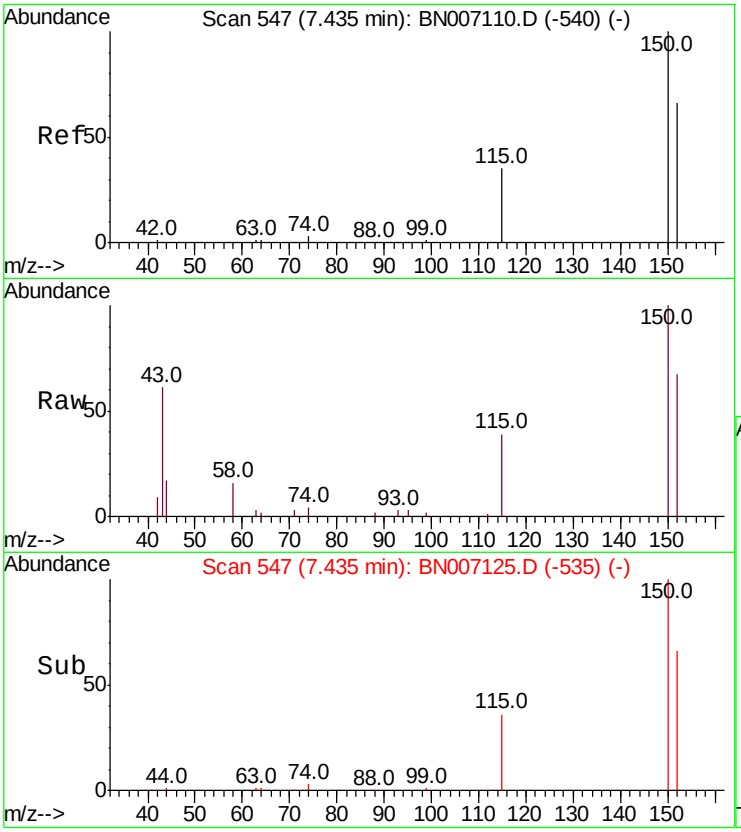


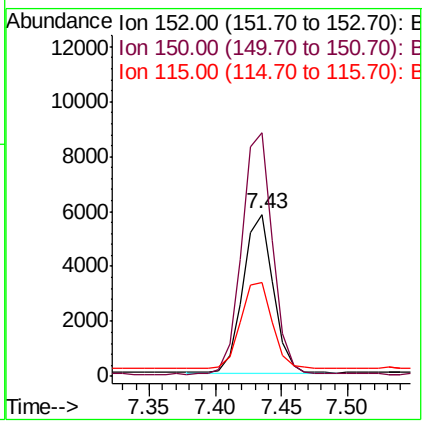


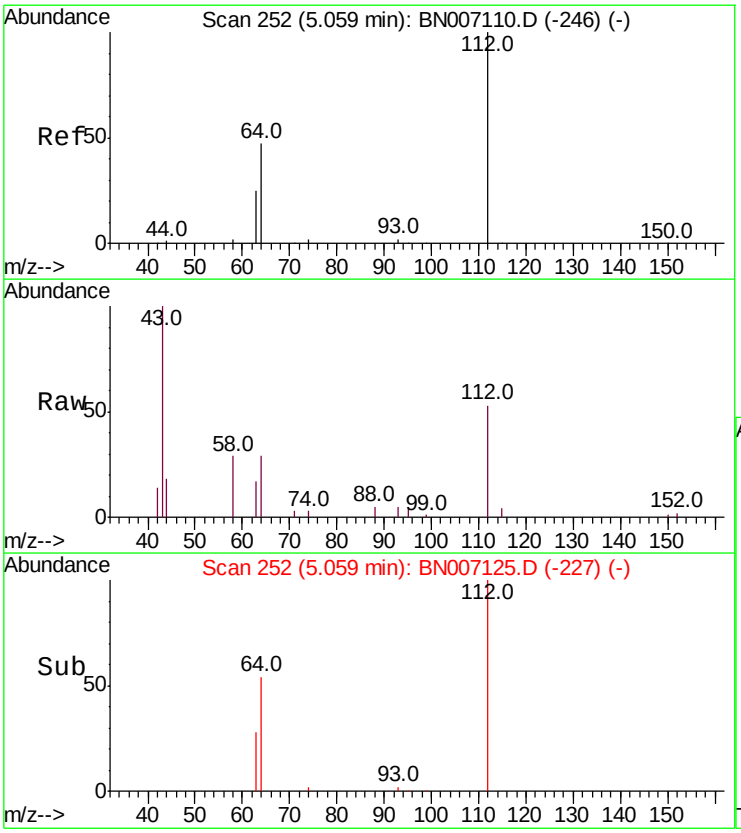
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 547
Delta R.T. -0.00 min
Lab File: BN007125.D
Acq: 13 Aug 2019 11:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 9092

Ion	Ratio	Lower	Upper
152	100		
150	150.2	121.7	182.5
115	57.8	46.2	69.4

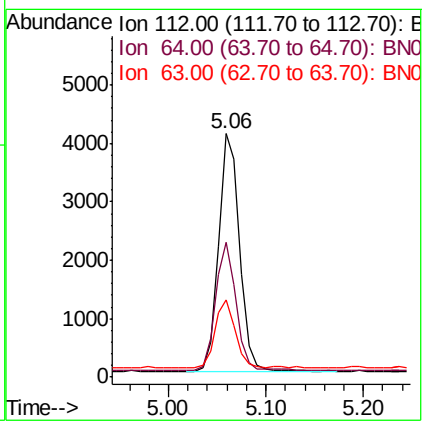


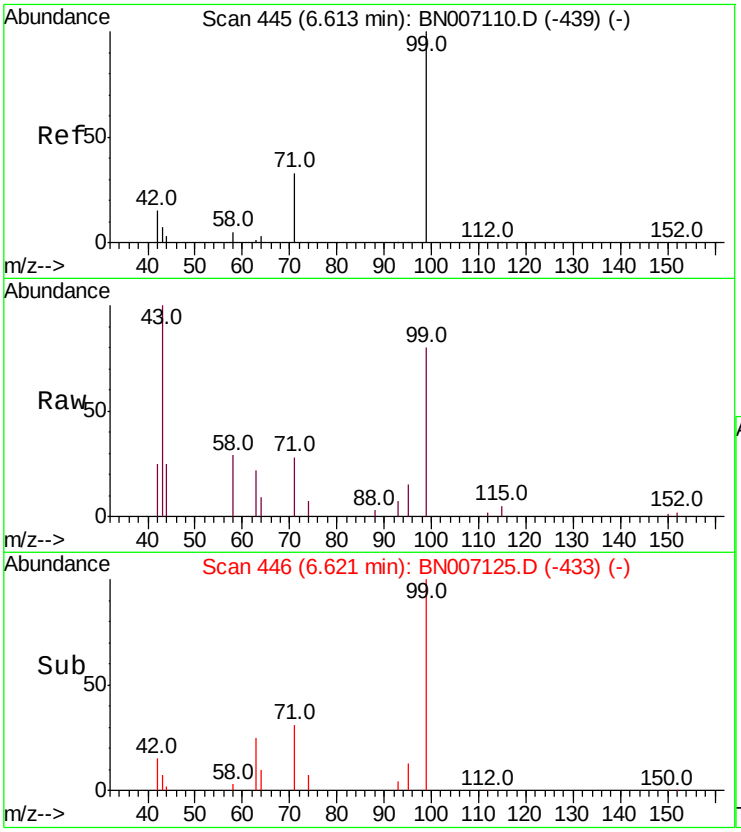


#3
2-Fluorophenol
Concen: 0.282 ng
RT: 5.06 min Scan# 252
Delta R.T. -0.00 min
Lab File: BN007125.D
Acq: 13 Aug 2019 11:07

Tgt Ion:112 Resp: 6168

Ion	Ratio	Lower	Upper
112	100		
64	52.7	42.6	63.8
63	27.7	22.2	33.2



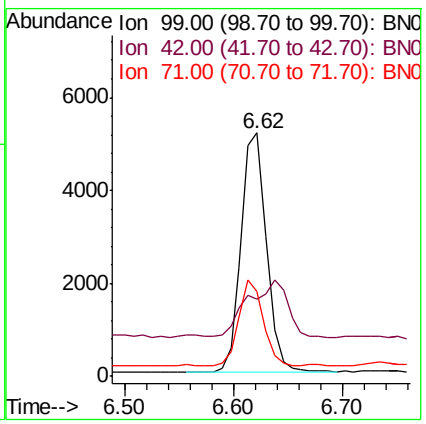


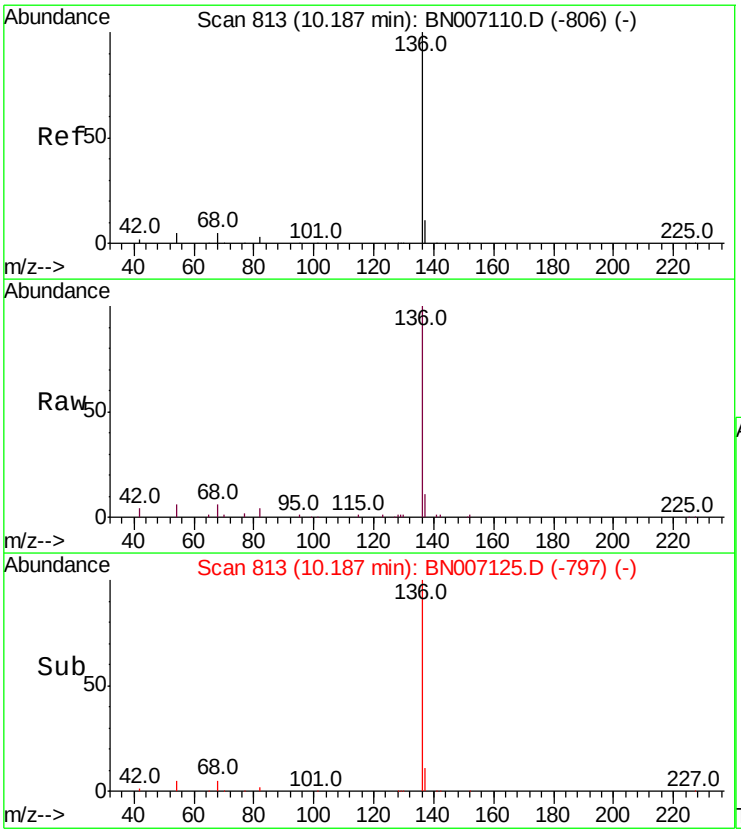
#4
Phenol-d6
Concen: 0.307 ng
RT: 6.62 min Scan# 446
Delta R.T. 0.01 min
Lab File: BN007125.D
Acq: 13 Aug 2019 11:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 8319

Ion	Ratio	Lower	Upper
99	100		
42	0.0	15.8	23.6#
71	34.5	27.0	40.4

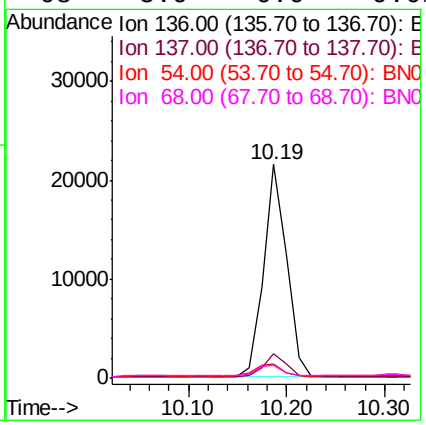


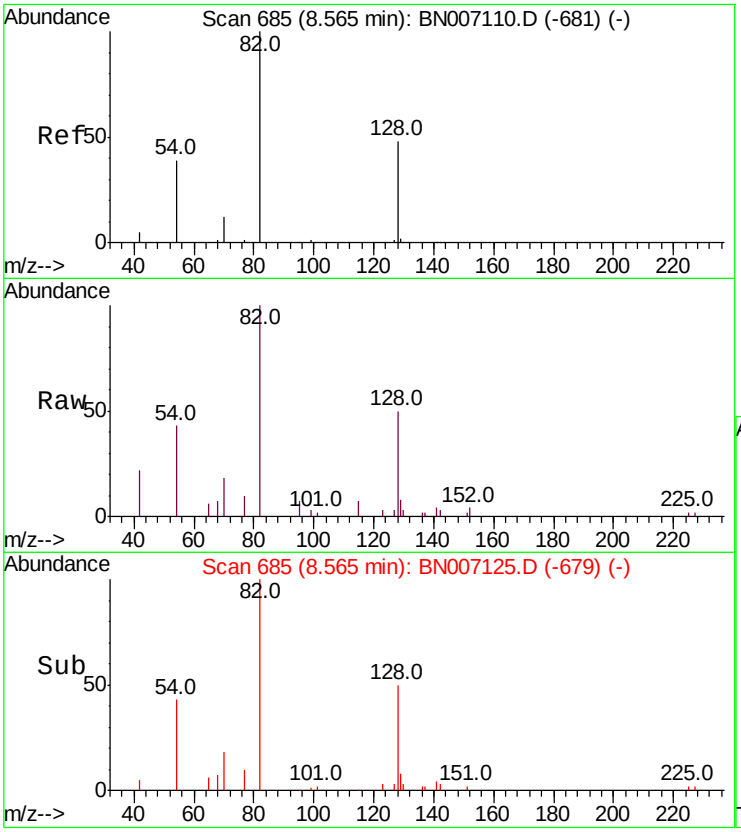


#6
Naphthalene-d8
Concen: 0.400 ng
RT: 10.19 min Scan# 813
Delta R.T. -0.00 min
Lab File: BN007125.D
Acq: 13 Aug 2019 11:07

Tgt Ion:136 Resp: 35323

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.4	14.0
54	6.3	6.6	9.8#
68	5.9	6.0	9.0#



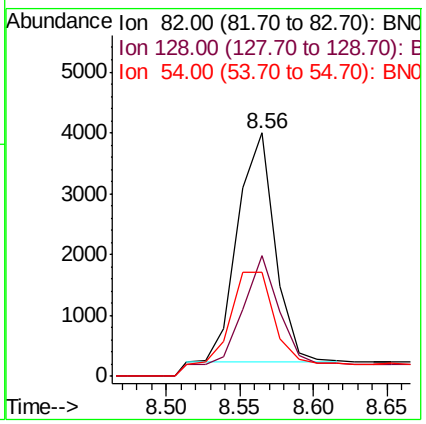


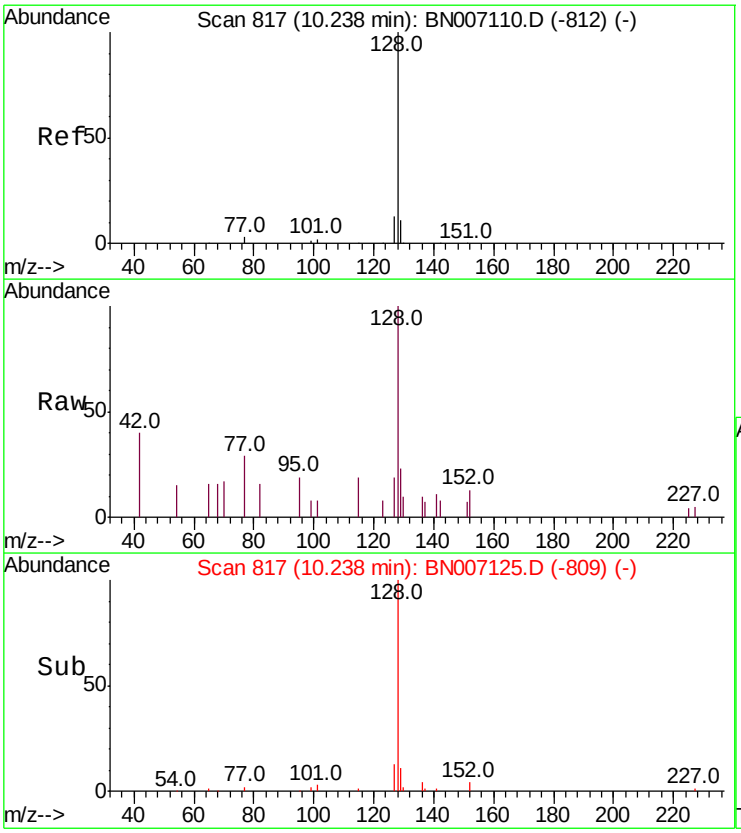
#7
Nitrobenzene-d5
Concen: 0.229 ng
RT: 8.56 min Scan# 685
Delta R.T. -0.00 min
Lab File: BN007125.D
Acq: 13 Aug 2019 11:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 82 Resp: 6534

Ion	Ratio	Lower	Upper
82	100		
128	49.7	34.6	51.8
54	42.6	36.2	54.4

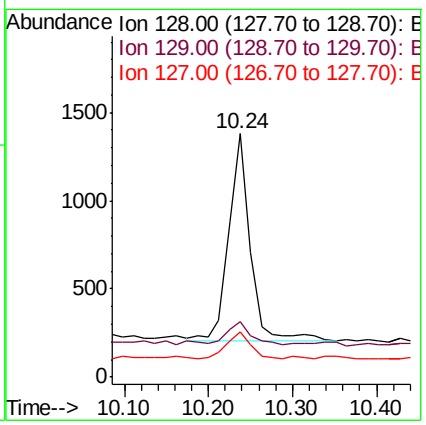


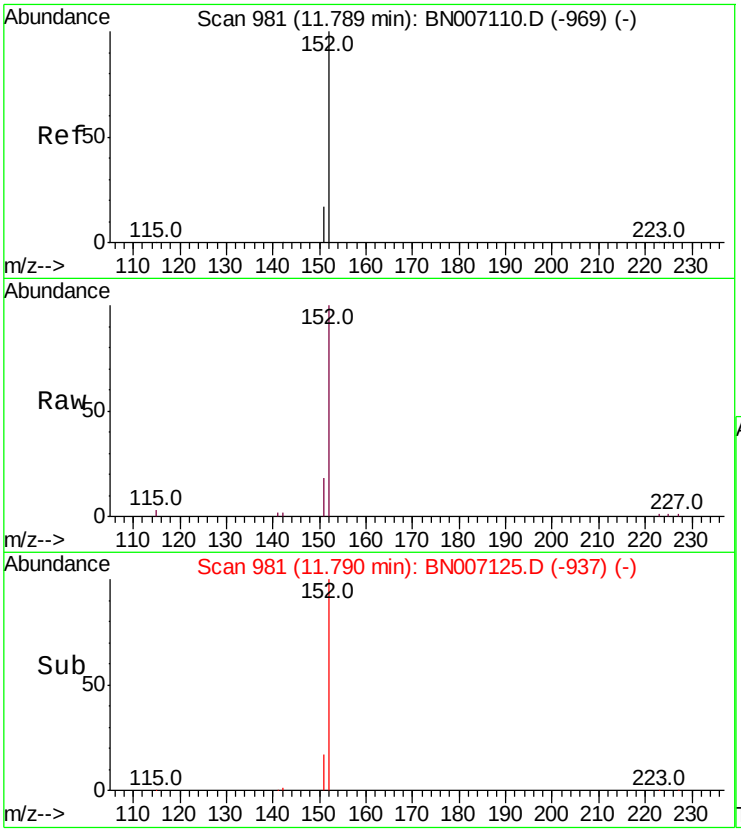


#8
Naphthalene
Concen: 0.021 ng
RT: 10.24 min Scan# 817
Delta R.T. -0.00 min
Lab File: BN007125.D
Acq: 13 Aug 2019 11:07

Tgt Ion:128 Resp: 2089

Ion	Ratio	Lower	Upper
128	100		
129	22.8	9.4	14.2#
127	18.8	11.0	16.6#



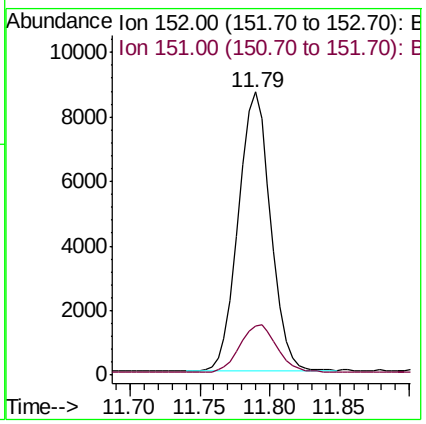


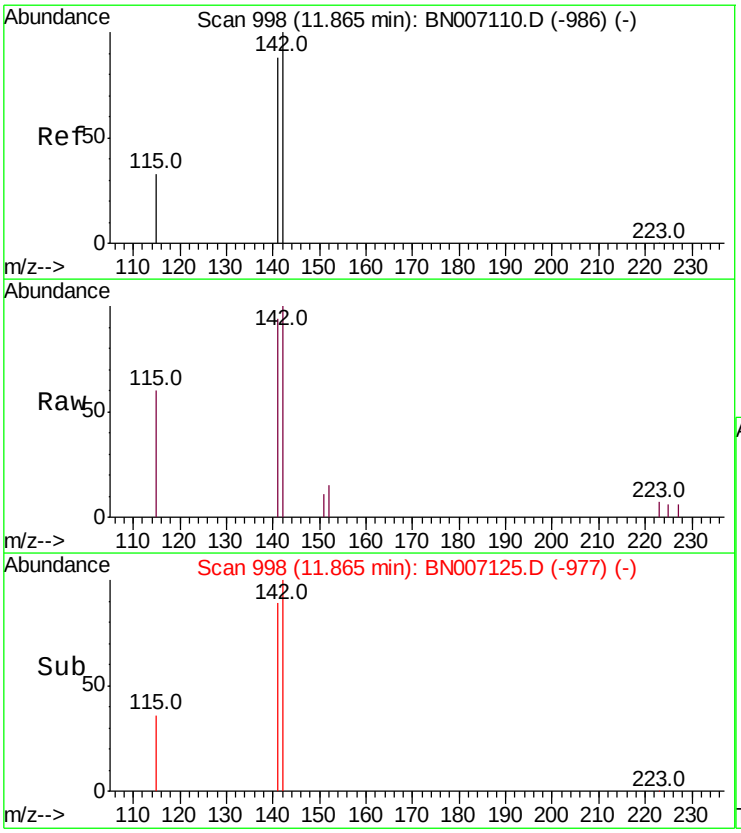
#10
2-Methylnaphthalene-d10
Concen: 0.210 ng
RT: 11.79 min Scan# 981
Delta R.T. -0.00 min
Lab File: BN007125.D
Acq: 13 Aug 2019 11:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 13830

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.5	23.3

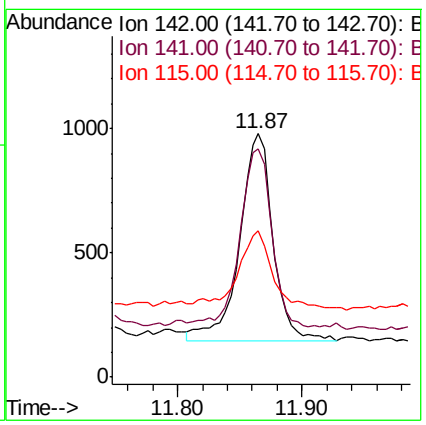


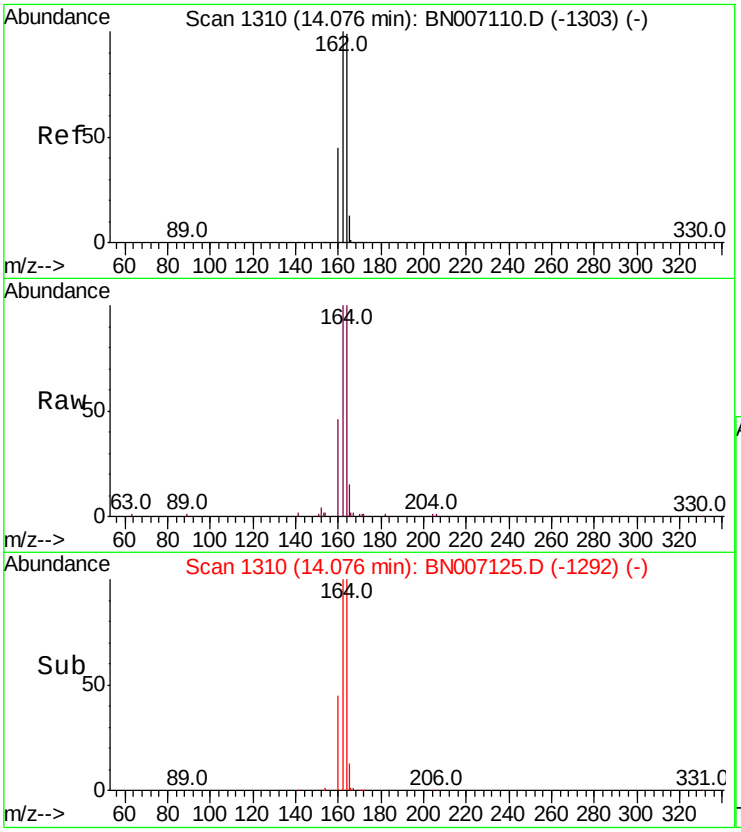


#11
2-Methylnaphthalene
Concen: 0.022 ng
RT: 11.87 min Scan# 998
Delta R.T. -0.00 min
Lab File: BN007125.D
Acq: 13 Aug 2019 11:07

Tgt Ion:142 Resp: 1538

Ion	Ratio	Lower	Upper
142	100		
141	94.0	69.0	103.6
115	60.1	27.1	40.7#



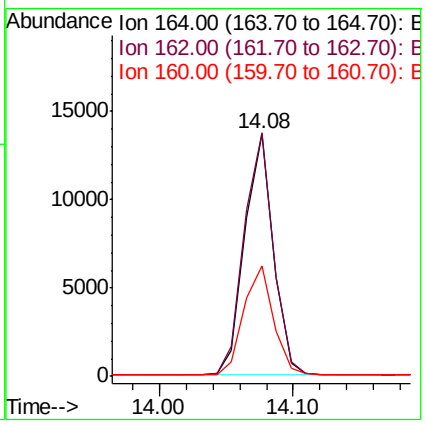


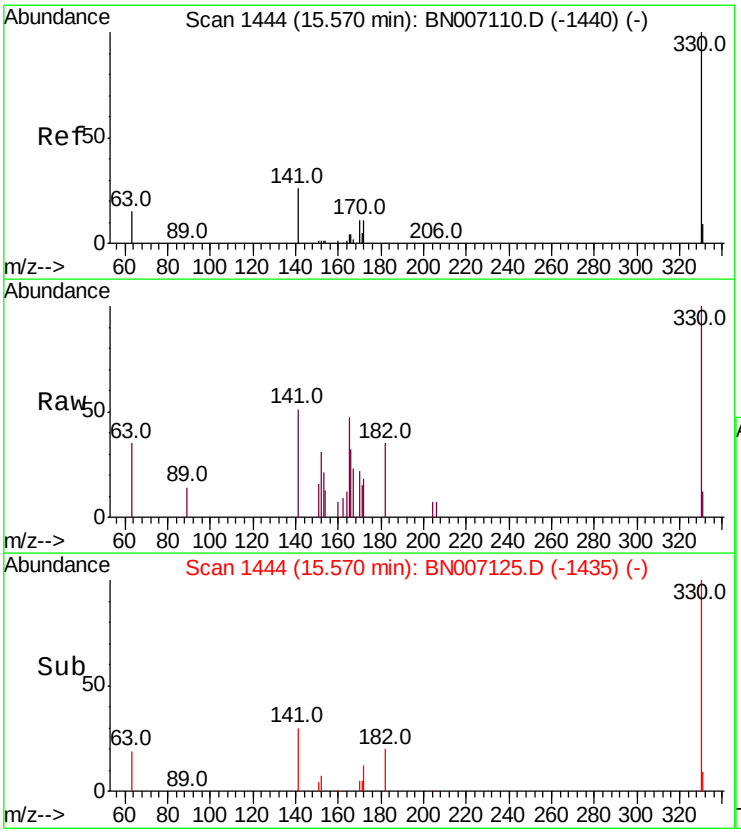
#12
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.08 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BN007125.D
Acq: 13 Aug 2019 11:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 20260

Ion	Ratio	Lower	Upper
164	100		
162	100.3	82.2	123.4
160	45.7	38.3	57.5

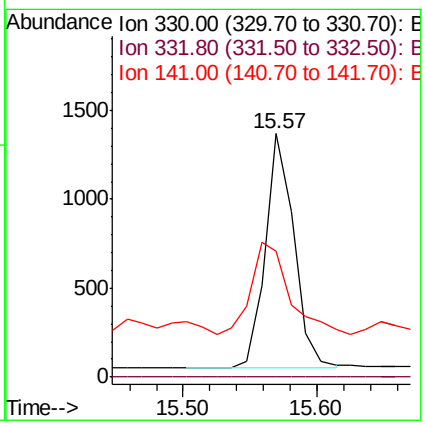


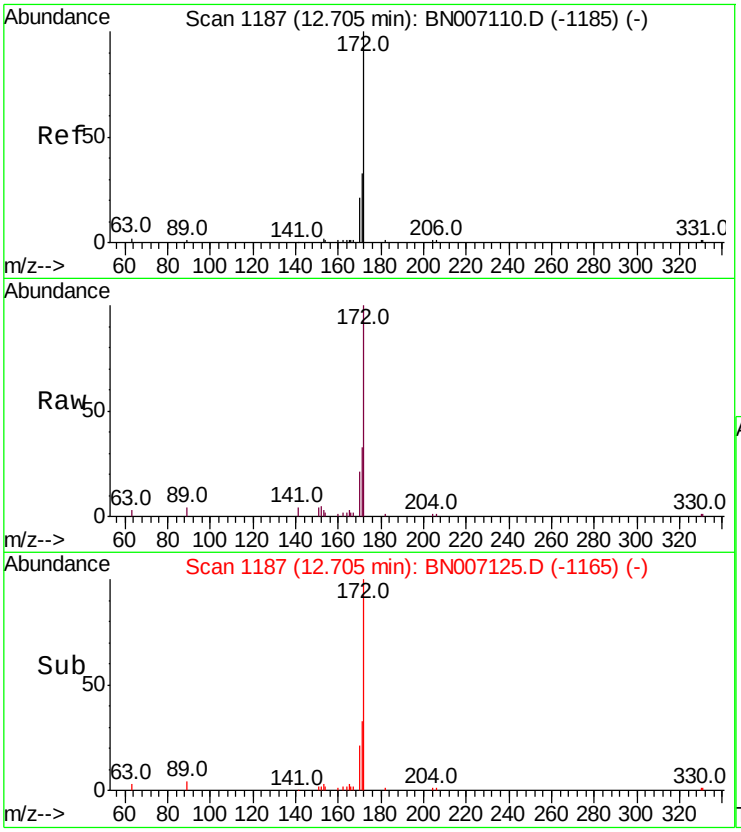


#13
2,4,6-Tribromophenol
Concen: 0.181 ng
RT: 15.57 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BN007125.D
Acq: 13 Aug 2019 11:07

Tgt Ion:330 Resp: 1974

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	52.6	33.6	50.4#



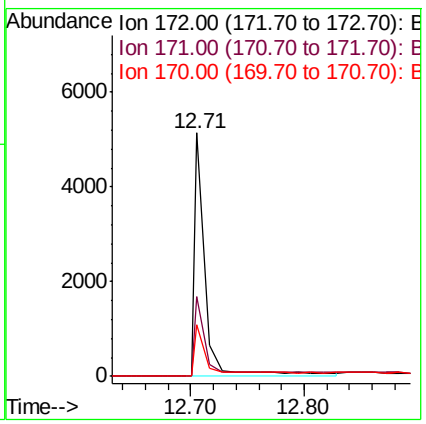


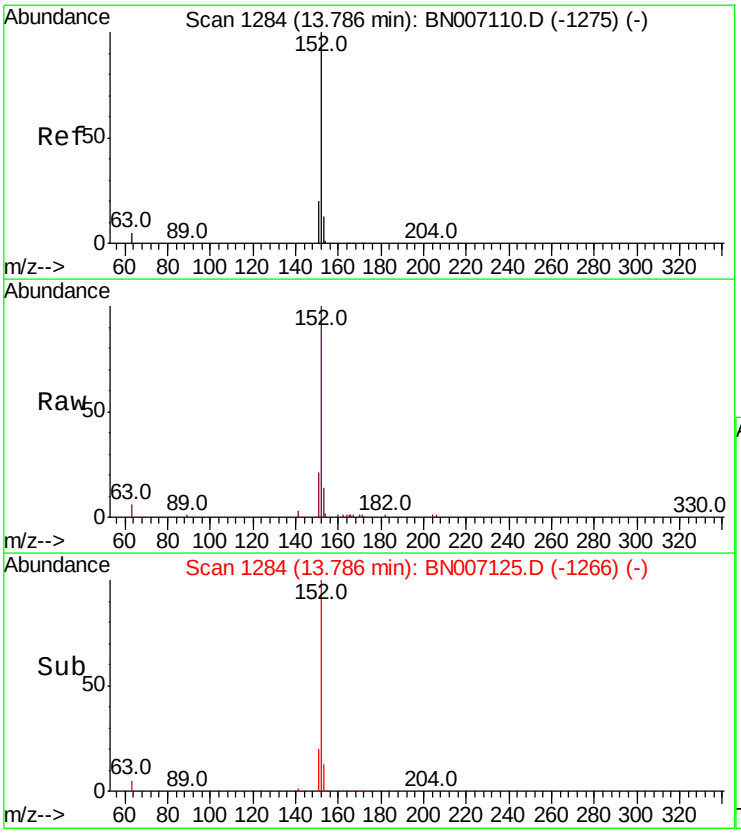
#14
2-Fluorobiphenyl
Concen: 0.136 ng
RT: 12.71 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BN007125.D
Acq: 13 Aug 2019 11:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 4018

Ion	Ratio	Lower	Upper
172	100		
171	33.0	26.3	39.5
170	21.1	17.0	25.4

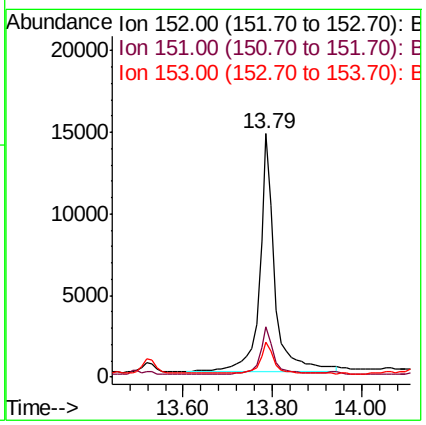


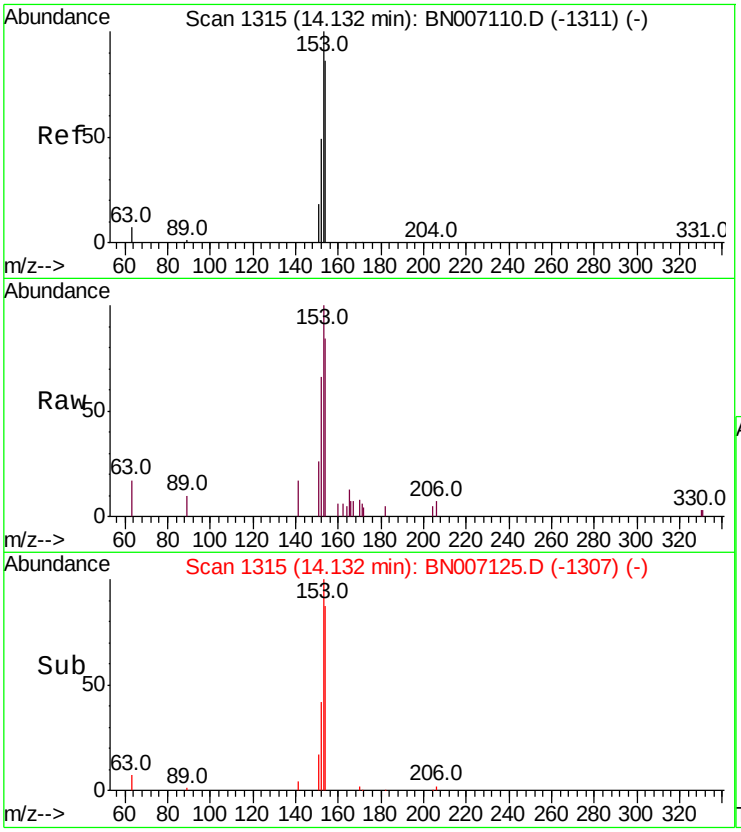


#15
Acenaphthylene
Concen: 0.324 ng
RT: 13.79 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BN007125.D
Acq: 13 Aug 2019 11:07

Tgt Ion:152 Resp: 34354

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.8	23.6
153	12.2	10.4	15.6



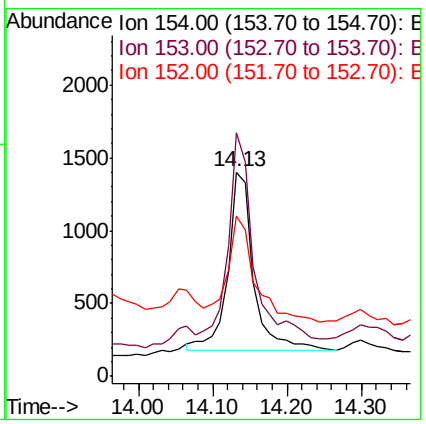


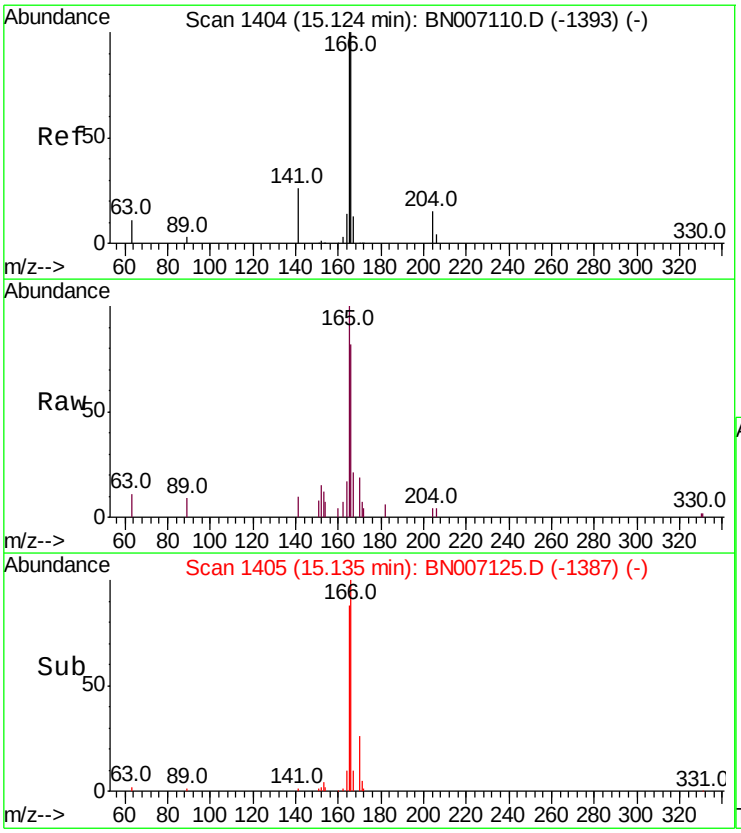
#16
Acenaphthene
Concen: 0.042 ng
RT: 14.13 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BN007125.D
Acq: 13 Aug 2019 11:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 2878

Ion	Ratio	Lower	Upper
154	100		
153	114.0	89.5	134.3
152	65.8	44.8	67.2

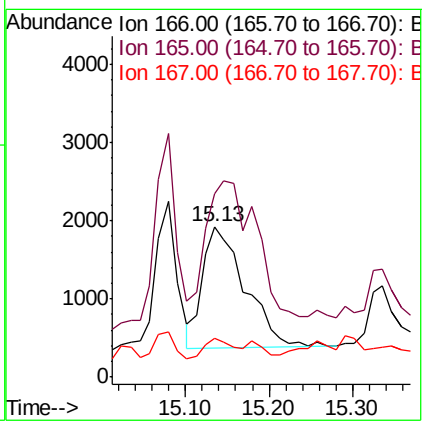


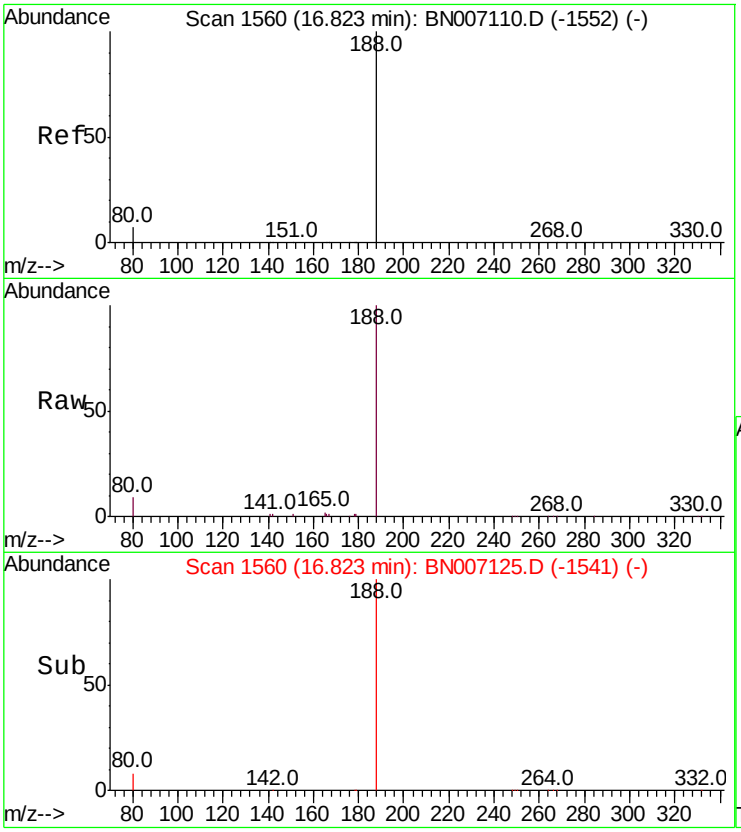


#17
Fluorene
Concen: 0.054 ng
RT: 15.13 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BN007125.D
Acq: 13 Aug 2019 11:07

Tgt Ion:166 Resp: 5485

Ion	Ratio	Lower	Upper
166	100		
165	133.7	77.9	116.9#
167	11.3	10.9	16.3



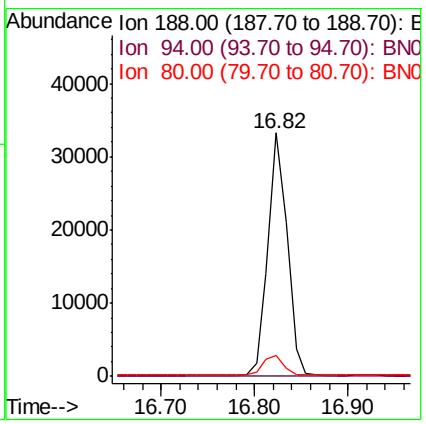


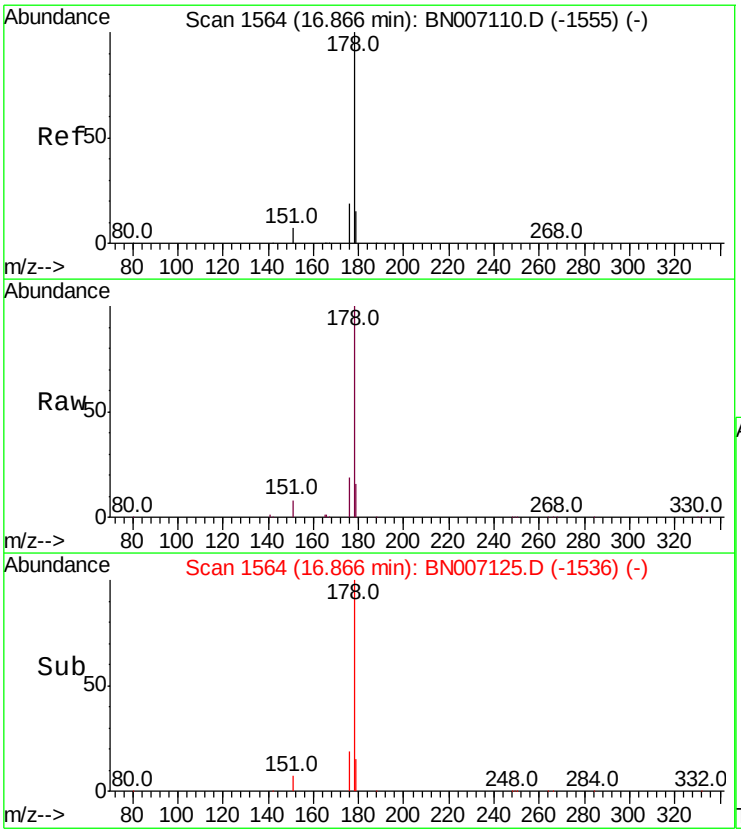
#18
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.82 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BN007125.D
Acq: 13 Aug 2019 11:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 47119

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.7	7.8	11.6

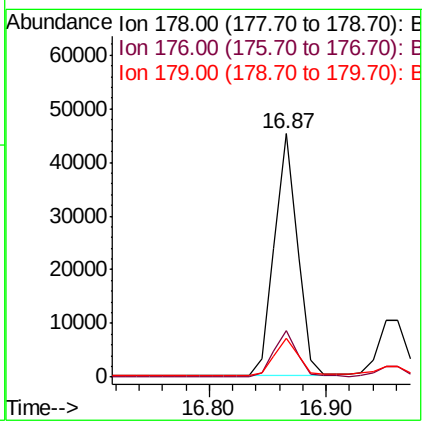


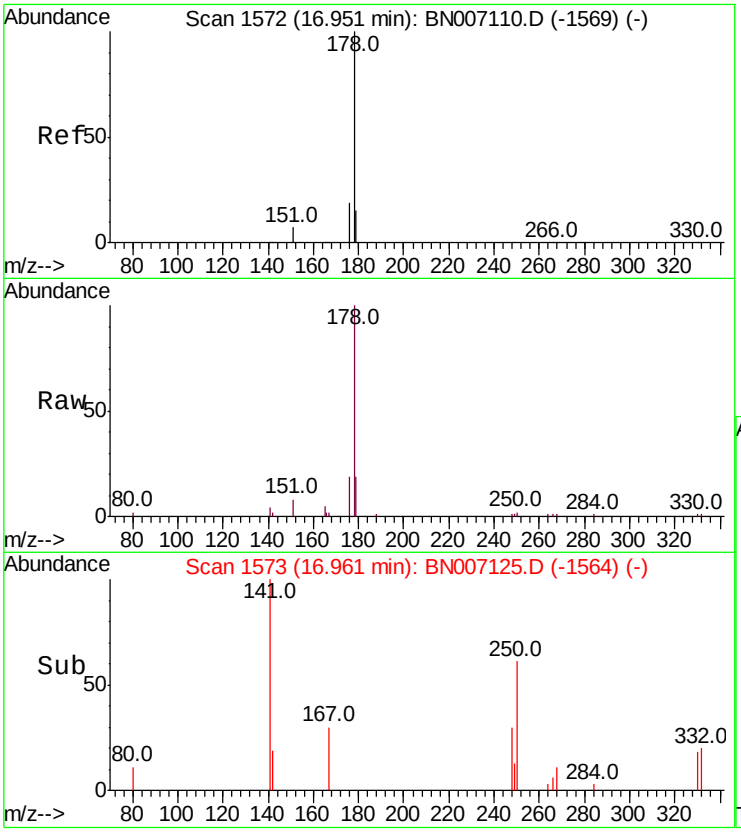


#22
Phenanthrene
Concen: 0.441 ng
RT: 16.87 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BN007125.D
Acq: 13 Aug 2019 11:07

Tgt Ion:178 Resp: 62211

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	16.3	12.3	18.5



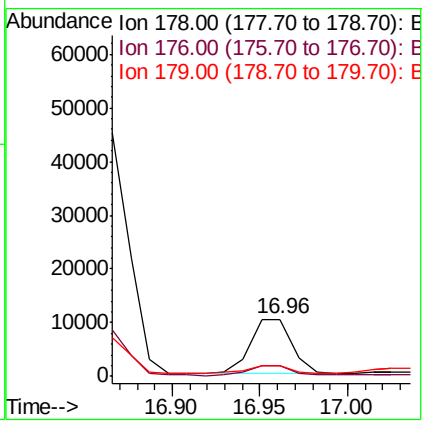


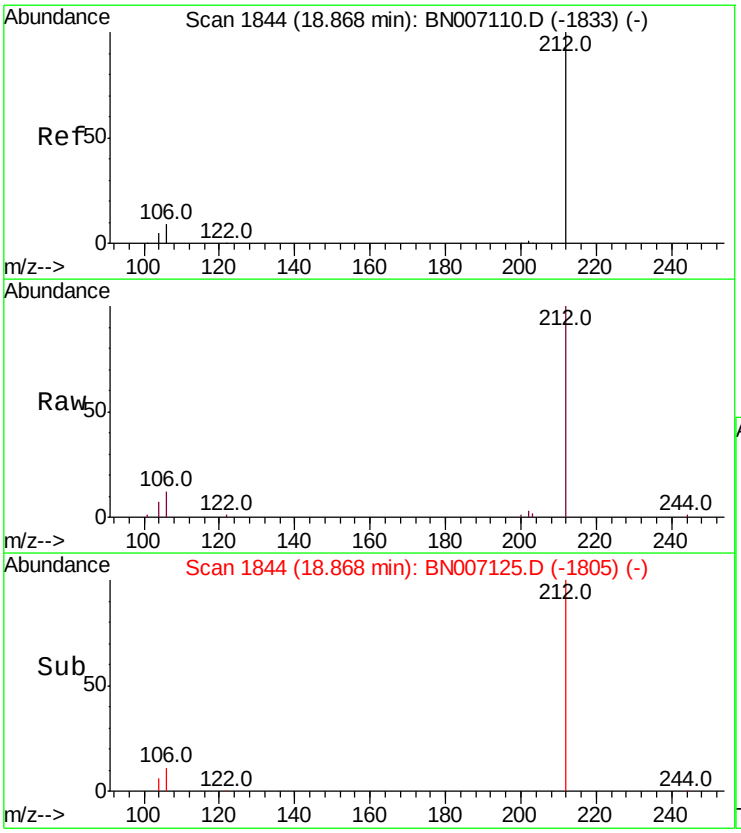
#23
Anthracene
Concen: 0.131 ng
RT: 16.96 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BN007125.D
Acq: 13 Aug 2019 11:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 16894

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	21.8
179	17.2	12.5	18.7

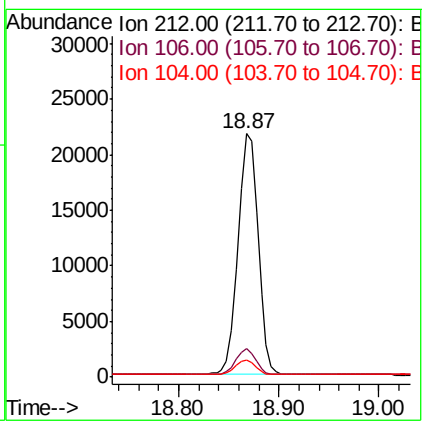


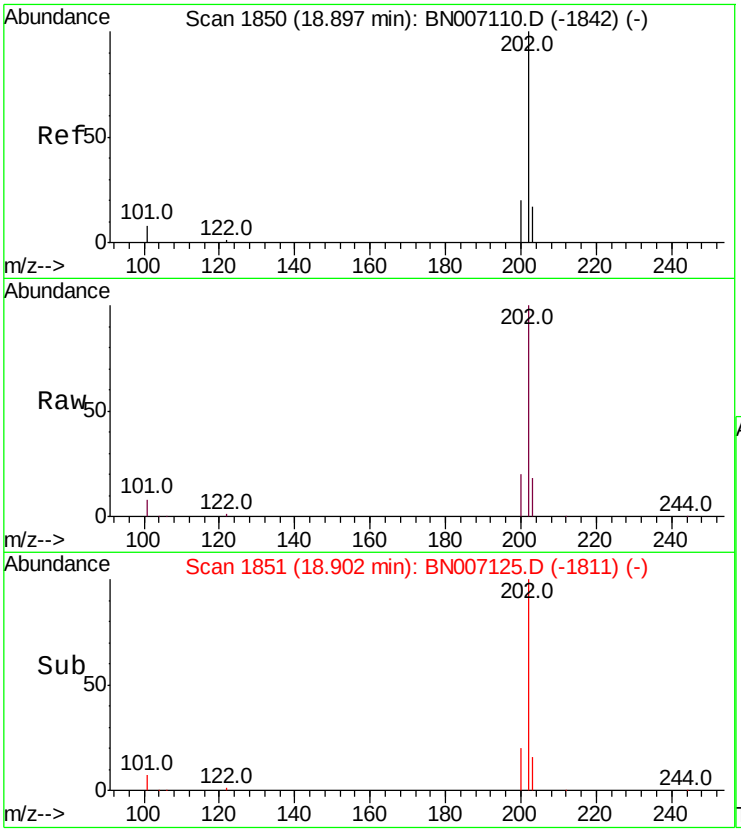


#24
Fluoranthene-d10
Concen: 0.180 ng
RT: 18.87 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BN007125.D
Acq: 13 Aug 2019 11:07

Tgt Ion:212 Resp: 30116

Ion	Ratio	Lower	Upper
212	100		
106	10.4	8.2	12.2
104	6.2	4.5	6.7



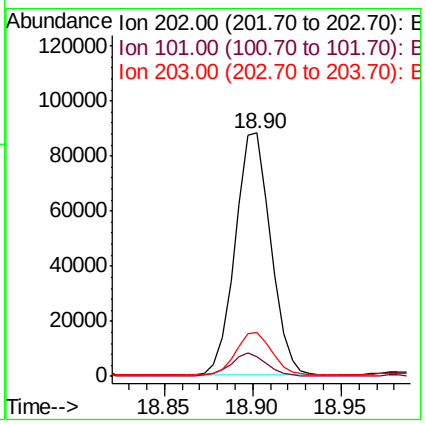


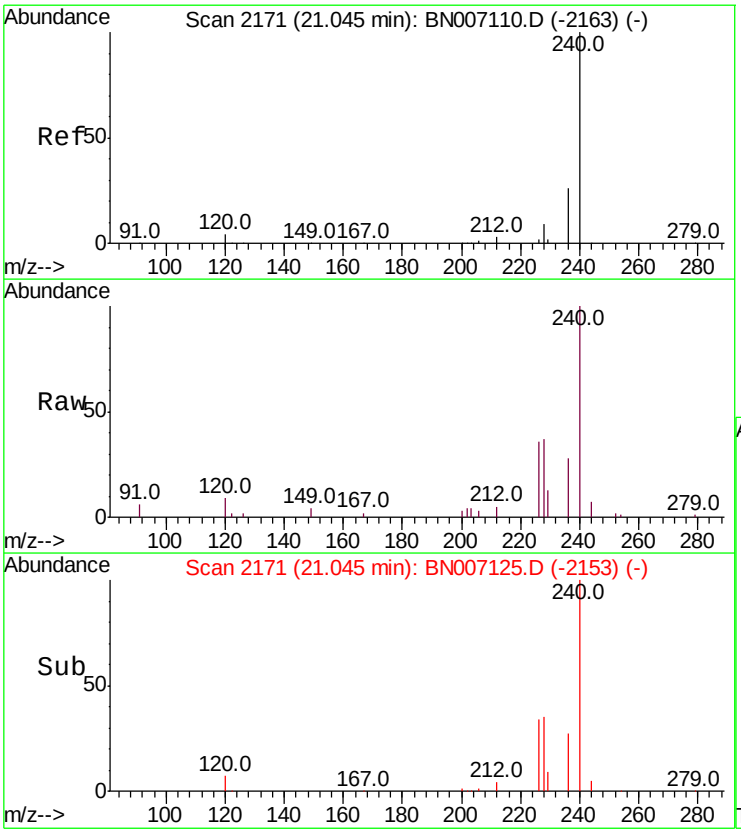
#25
Fluoranthene
Concen: 0.679 ng
RT: 18.90 min Scan# 1851
Delta R.T. -0.00 min
Lab File: BN007125.D
Acq: 13 Aug 2019 11:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 122578

Ion	Ratio	Lower	Upper
202	100		
101	8.9	7.0	10.4
203	17.7	13.8	20.8

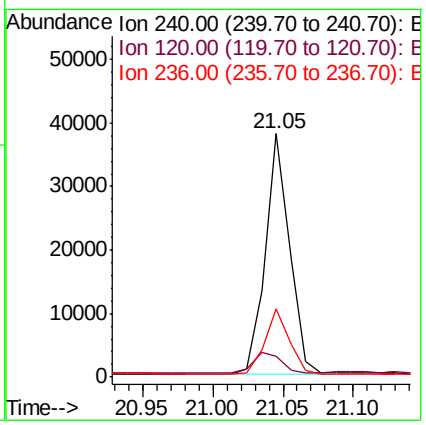


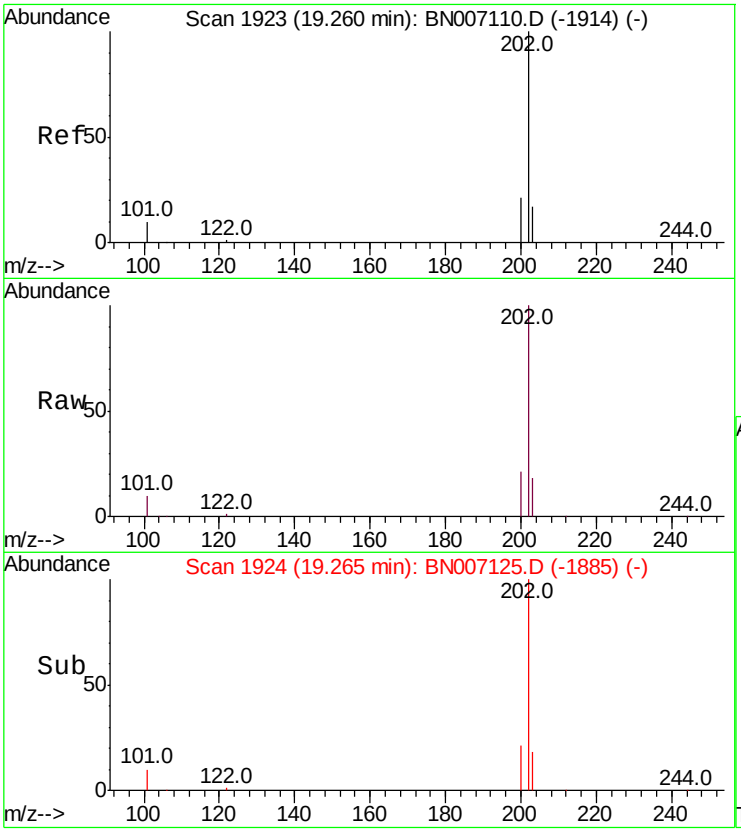


#26
Chrysene-d12
Concen: 0.400 ng
RT: 21.05 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BN007125.D
Acq: 13 Aug 2019 11:07

Tgt Ion:240 Resp: 45899

Ion	Ratio	Lower	Upper
240	100		
120	8.5	4.0	6.0#
236	27.9	21.3	31.9



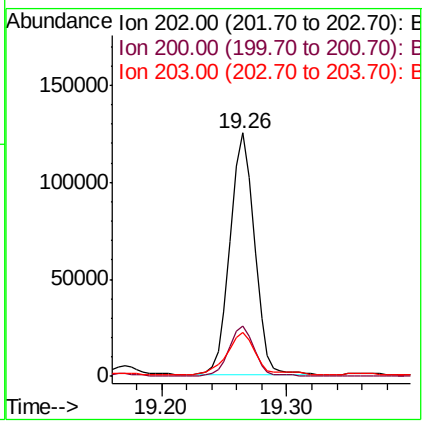


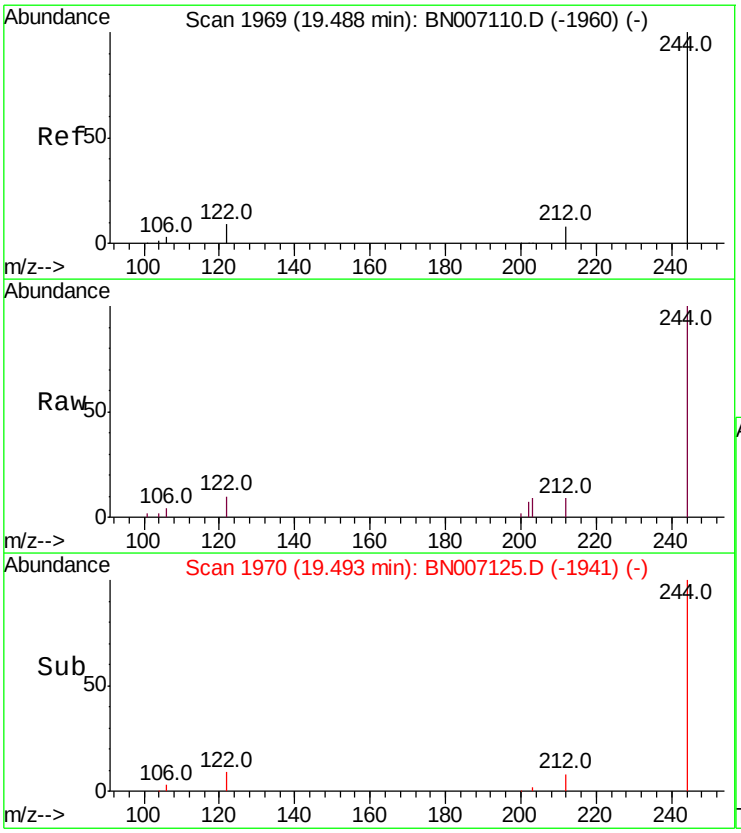
#27
Pyrene
Concen: 1.043 ng
RT: 19.26 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BN007125.D
Acq: 13 Aug 2019 11:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 167946

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	24.8
203	20.3	14.0	21.0

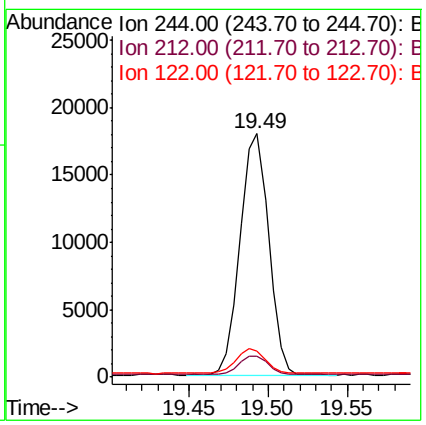


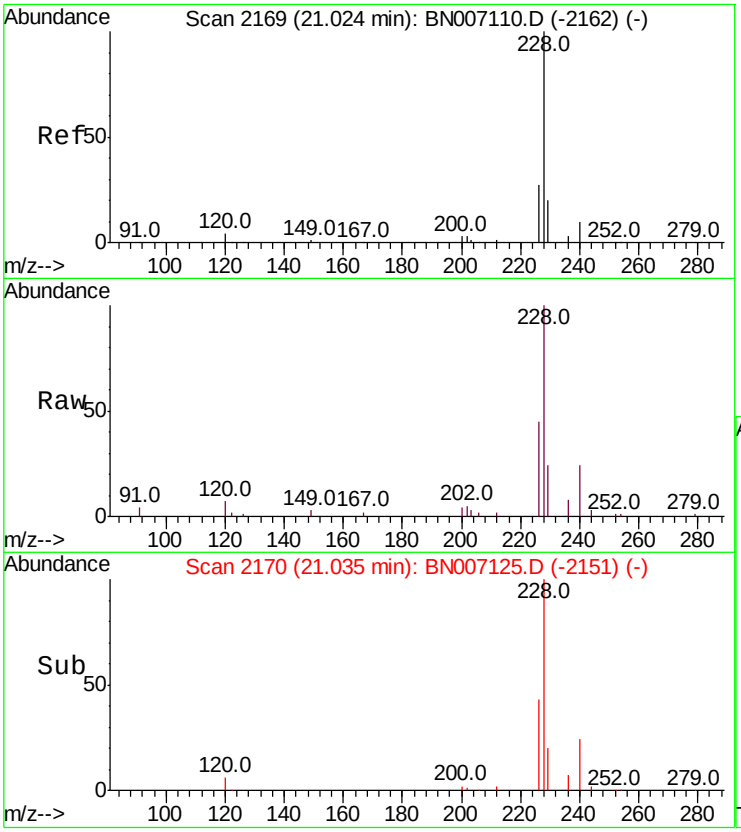


#28
Terphenyl-d14
Concen: 0.179 ng
RT: 19.49 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BN007125.D
Acq: 13 Aug 2019 11:07

Tgt Ion:244 Resp: 22374

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.2	9.2
122	10.5	7.4	11.2



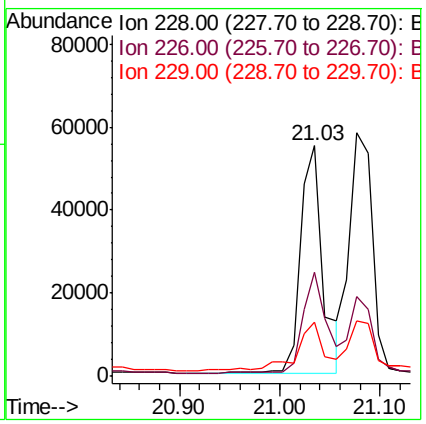


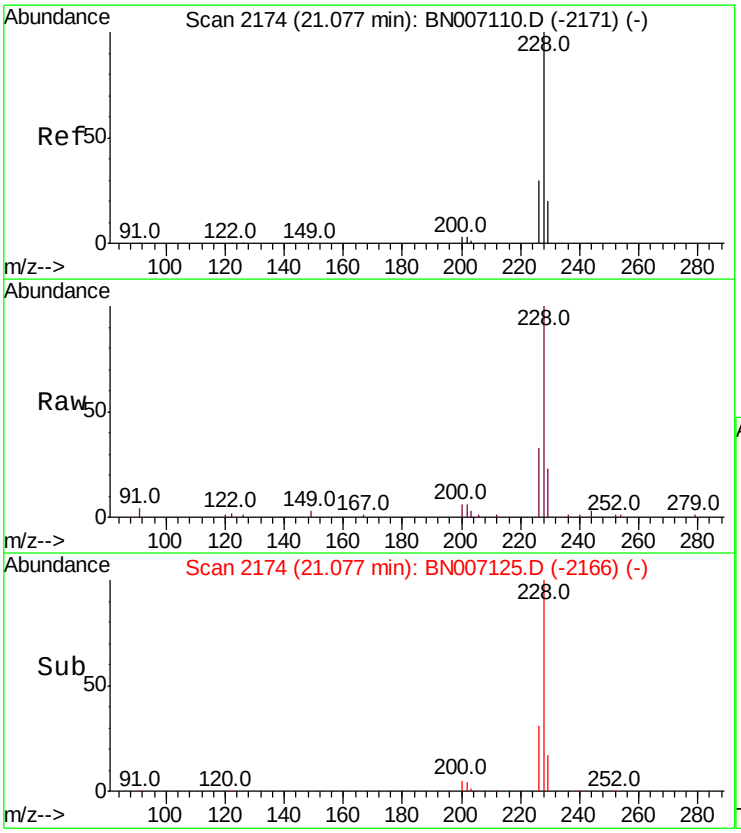
#29
Benzo(a)anthracene
Concen: 0.515 ng
RT: 21.03 min Scan# 2170
Delta R.T. -0.00 min
Lab File: BN007125.D
Acq: 13 Aug 2019 11:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 86493

Ion	Ratio	Lower	Upper
228	100		
226	45.0	21.8	32.6#
229	23.5	15.6	23.4#

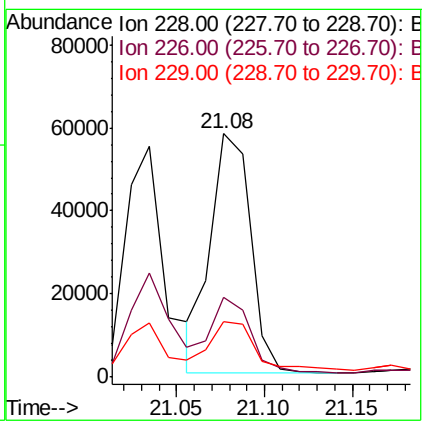


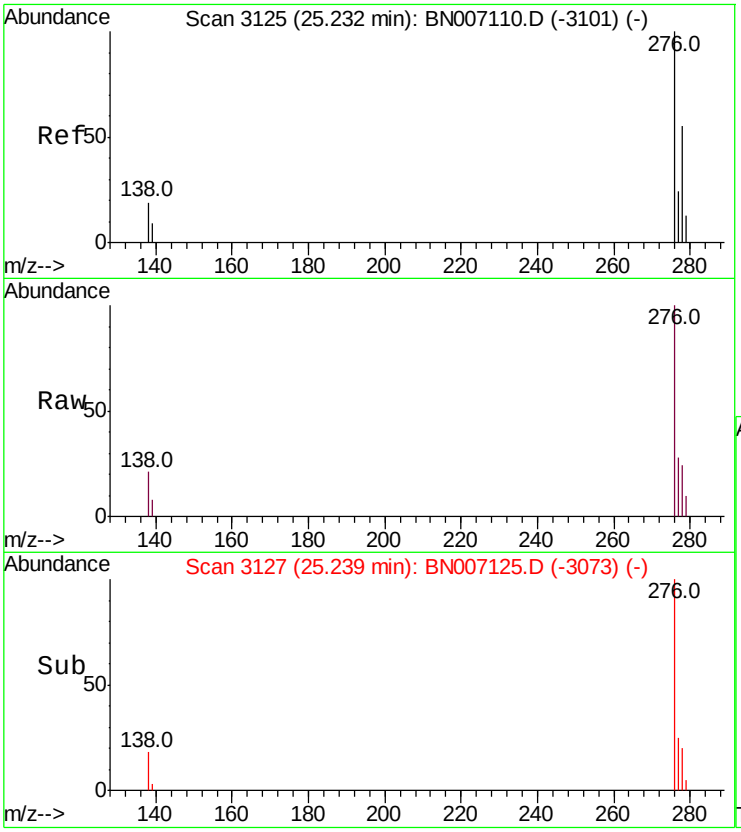


#30
Chrysene
Concen: 0.558 ng
RT: 21.08 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BN007125.D
Acq: 13 Aug 2019 11:07

Tgt Ion:228 Resp: 91064

Ion	Ratio	Lower	Upper
228	100		
226	32.7	23.8	35.6
229	22.6	15.7	23.5



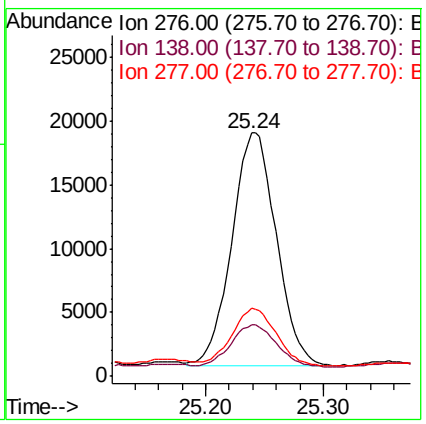


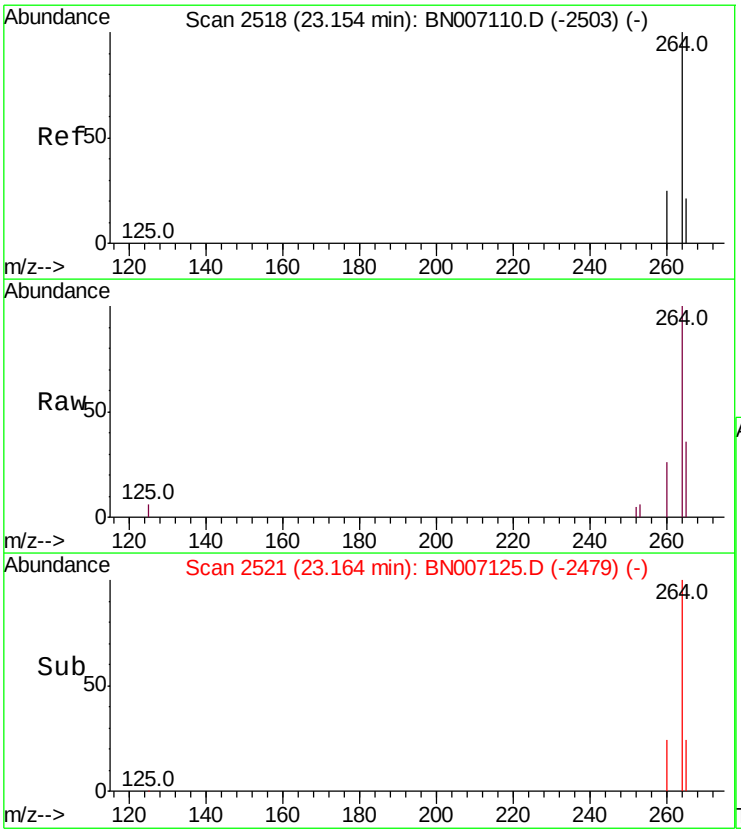
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.266 ng
RT: 25.24 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BN007125.D
Acq: 13 Aug 2019 11:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 47778

Ion	Ratio	Lower	Upper
276	100		
138	18.6	16.0	24.0
277	24.8	19.9	29.9

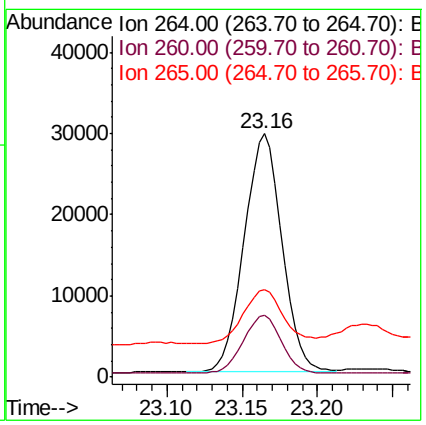


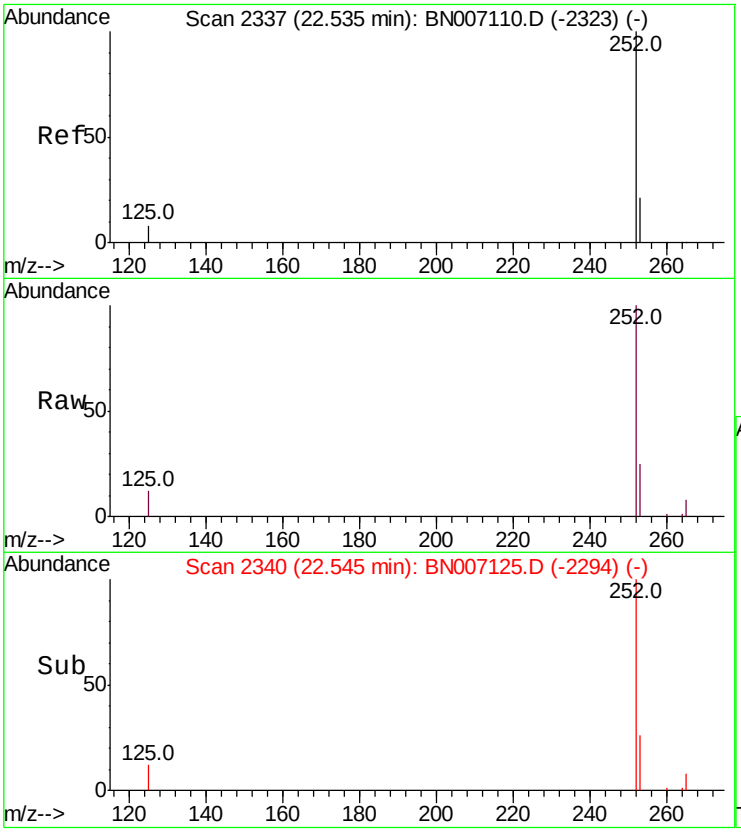


#32
Perylene-d12
Concen: 0.400 ng
RT: 23.16 min Scan# 2521
Delta R.T. -0.01 min
Lab File: BN007125.D
Acq: 13 Aug 2019 11:07

Tgt Ion:264 Resp: 50516

Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.8	29.8
265	36.1	26.2	39.4



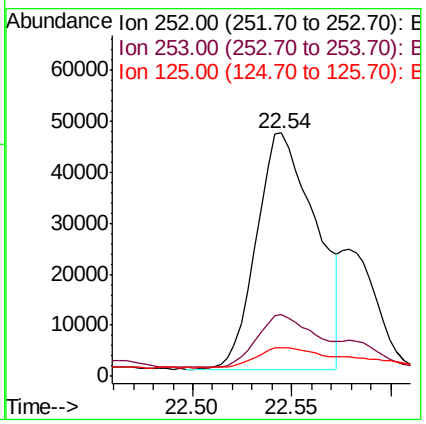


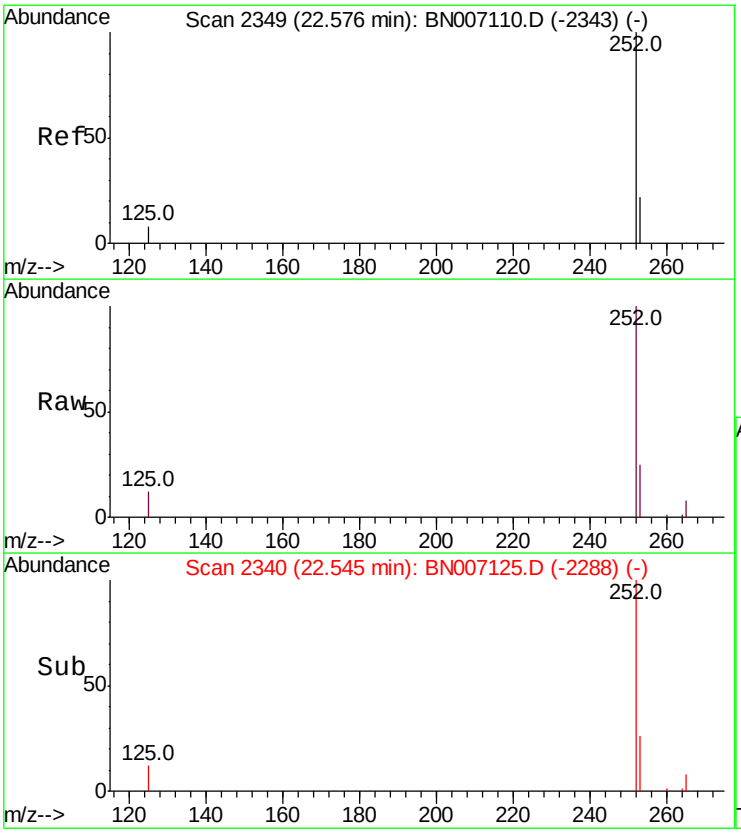
#33
Benzo(b)fluoranthene
Concen: 0.558 ng
RT: 22.54 min Scan# 2340
Delta R.T. -0.00 min
Lab File: BN007125.D
Acq: 13 Aug 2019 11:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 96574

Ion	Ratio	Lower	Upper
252	100		
253	25.2	18.2	27.2
125	11.8	7.4	11.0#

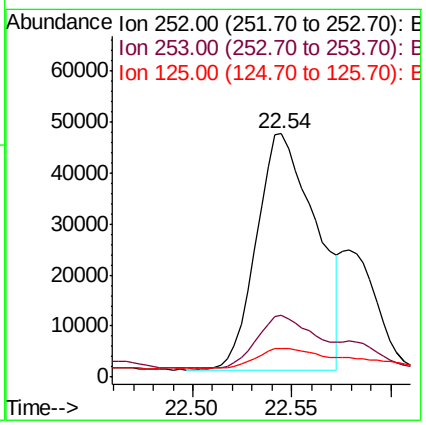


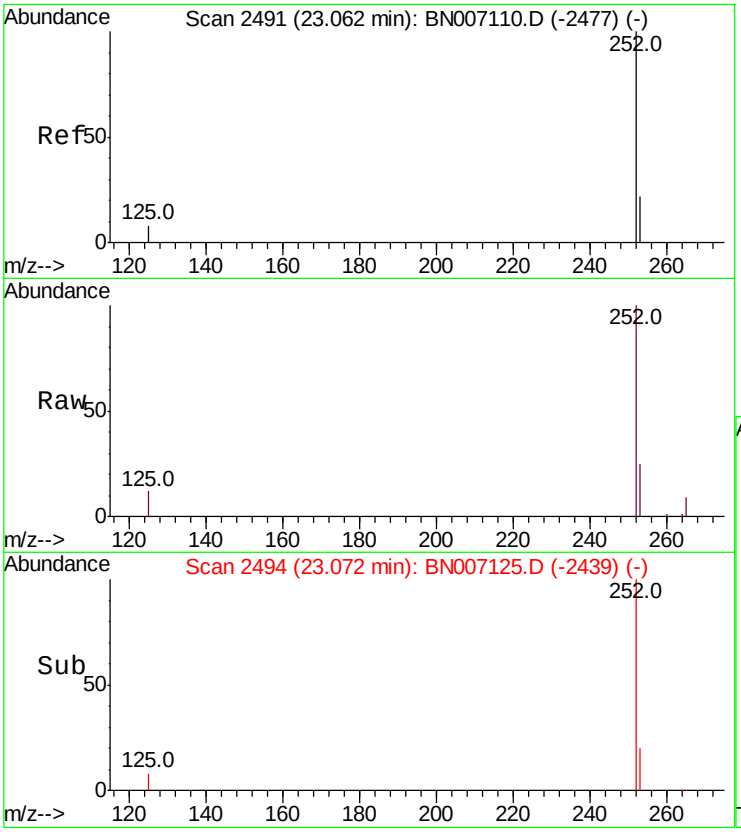


#34
Benzo(k)fluoranthene
Concen: 0.565 ng
RT: 22.54 min Scan# 2340
Delta R.T. -0.04 min
Lab File: BN007125.D
Acq: 13 Aug 2019 11:07

Tgt Ion:252 Resp: 96574

Ion	Ratio	Lower	Upper
252	100		
253	25.2	18.1	27.1
125	11.8	7.4	11.0#



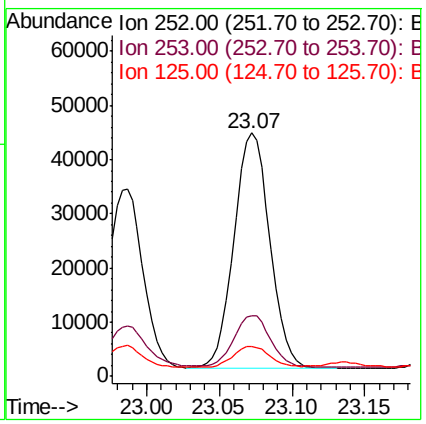


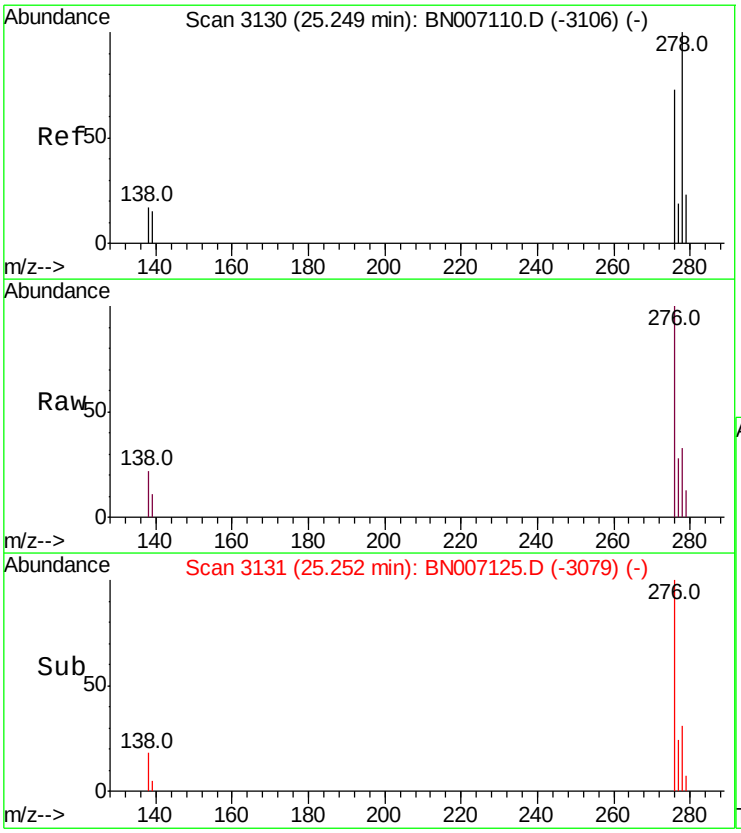
#35
Benzo(a)pyrene
Concen: 0.473 ng
RT: 23.07 min Scan# 2494
Delta R.T. -0.01 min
Lab File: BN007125.D
Acq: 13 Aug 2019 11:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 74334

Ion	Ratio	Lower	Upper
252	100		
253	25.1	18.5	27.7
125	12.1	8.2	12.4

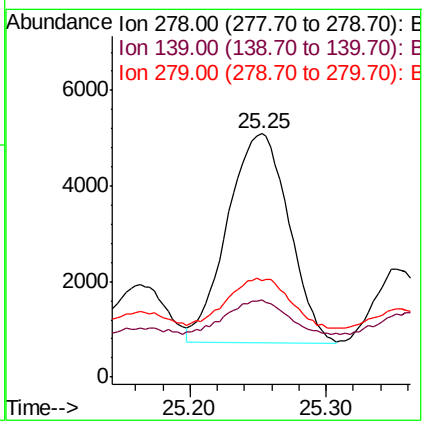


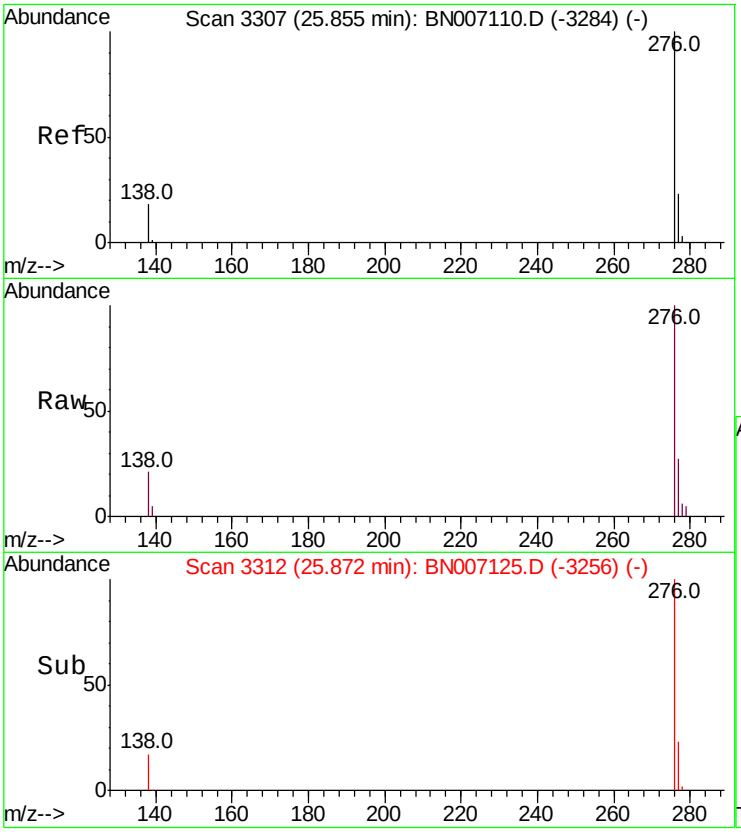


#36
Dibenzo(a,h)anthracene
Concen: 0.087 ng
RT: 25.25 min Scan# 3131
Delta R.T. -0.02 min
Lab File: BN007125.D
Acq: 13 Aug 2019 11:07

Tgt Ion:278 Resp: 13692

Ion	Ratio	Lower	Upper
278	100		
139	31.9	11.3	16.9#
279	39.5	19.3	28.9#





#37
Benzo(g,h,i)perylene
Concen: 0.327 ng
RT: 25.87 min Scan# 3312
Delta R.T. -0.01 min
Lab File: BN007125.D
Acq: 13 Aug 2019 11:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 52677

Ion	Ratio	Lower	Upper
276	100		
277	26.9	19.8	29.8
138	20.5	14.6	22.0