Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070519\
Data File : BN006732.D
Acq On : 06 Jul 2019 01:13
Operator : HP/JU
Sample : PB120991BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB120991BS

Quant Time: Jul 06 03:20:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN070219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 05:30:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	2692	0.40	ng		-0.02
7) Naphthalene-d8	10.36	136	10191	0.40	ng		-0.03
13) Acenaphthene-d10	14.24	164	5907	0.40	ng		-0.02
19) Phenanthrene-d10	17.00	188	13501	0.40	ng		-0.02
27) Chrysene-d12	21.23	240	13179	0.40	ng		-0.03
34) Perylene-d12	23.46	264	17011	0.40	ng		-0.05
System Monitoring Compounds							
4) 2-Fluorophenol	5.23	112	2271	0.31	ng		0.00
5) Phenol-d6	6.81	99	3129	0.34	ng		-0.02
8) Nitrobenzene-d5	8.78	82	2409	0.31	ng		-0.01
11) 2-Methylnaphthalene-d10	11.98	152	7920	0.52	ng		-0.02
14) 2,4,6-Tribromophenol	15.77	330	760	0.26	ng		-0.02
15) 2-Fluorobiphenyl	12.86	172	7804	0.34	ng		-0.02
25) Fluoranthene-d10	19.06	212	14235	0.37	ng		-0.02
29) Terphenyl-d14	19.66	244	10263	0.34	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	1226	0.291	ng	#	4
3) n-Nitrosodimethylamine	3.47	42	1096	0.345	ng	#	92
6) bis(2-Chloroethyl)ether	7.04	93	2588	0.331	ng		98
9) Naphthalene	10.42	128	11226	0.403	ng		99
10) Hexachlorobutadiene	10.69	225	2050	0.363	ng	#	100
12) 2-Methylnaphthalene	12.05	142	7269	0.367	ng		98
16) Acenaphthylene	13.96	152	10779	0.366	ng		99
17) Acenaphthene	14.31	154	6917	0.368	ng		97
18) Fluorene	15.30	166	8620	0.370	ng		100
20) 4-Bromophenyl-phenylether	16.20	248	2645	0.332	ng		91
21) Hexachlorobenzene	16.31	284	3449	0.364	ng		100
22) Pentachlorophenol	16.72	266	609	0.572	ng		92
23) Phenanthrene	17.05	178	13705	0.352	ng		100
24) Anthracene	17.14	178	11936	0.339	ng		100
26) Fluoranthene	19.09	202	16963	0.371	ng		100
28) Pyrene	19.45	202	17634	0.334	ng		99
30) Benzo(a)anthracene	21.22	228	16486	0.363	ng		99
31) Chrysene	21.27	228	16874	0.360	ng		99
32) Bis(2-ethylhexyl)phthalate	21.13	149	7423	0.055	ng		99
33) Indeno(1,2,3-cd)pyrene	25.68	276	23198	0.414	ng		98
35) Benzo(b)fluoranthene	22.79	252	17860	0.327	ng		97
36) Benzo(k)fluoranthene	22.84	252	20029	0.338	ng		97
37) Benzo(a)pyrene	23.36	252	18722	0.354	ng	#	95
38) Dibenzo(a,h)anthracene	25.68	278	18728	0.356	ng		96
39) Benzo(g,h,i)perylene	26.36	276	20230	0.374	ng		95

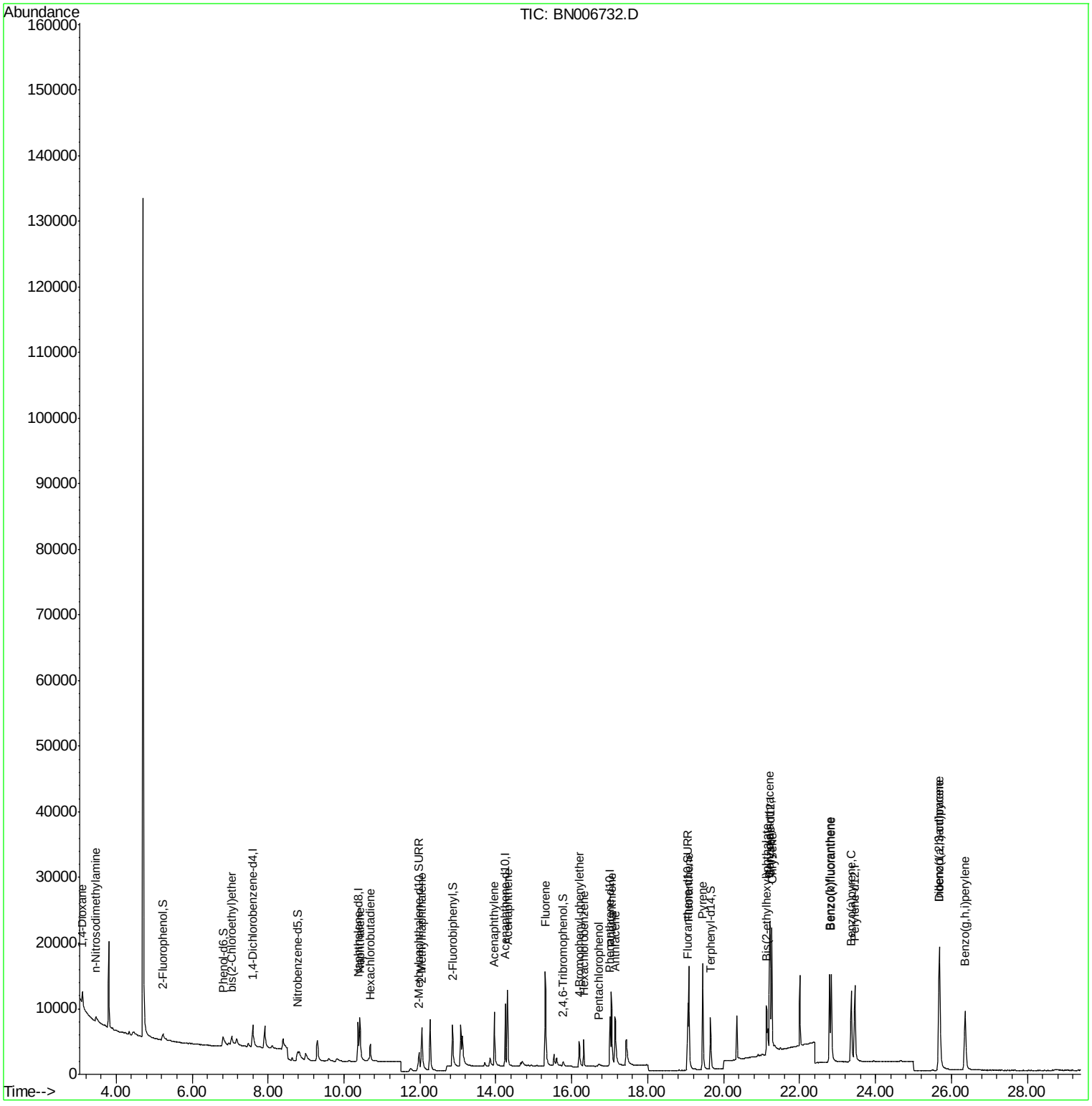
(#) = qualifier out of range (m) = manual integration (+) = signals summed

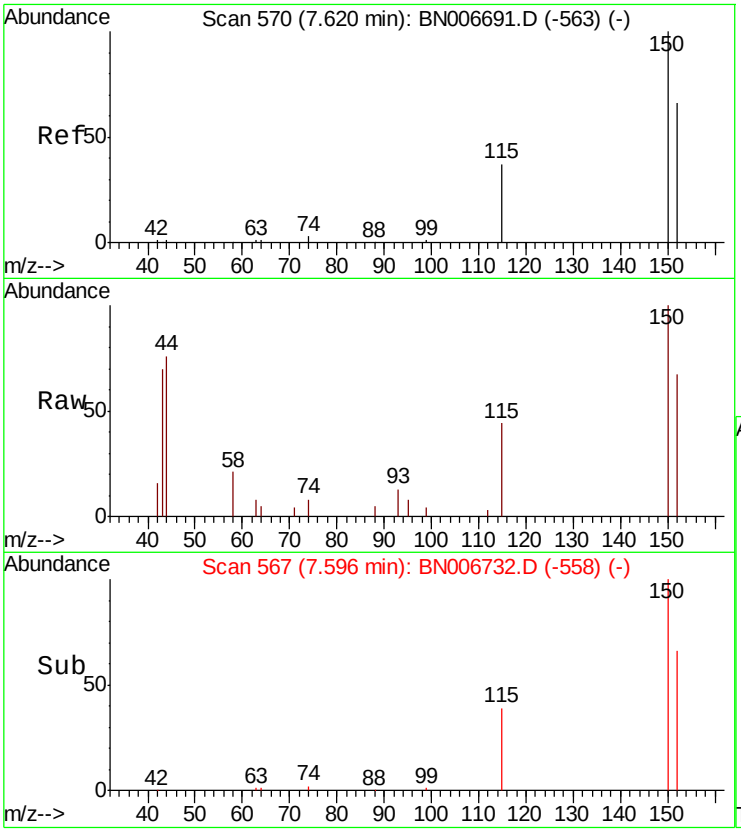
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070519\
Data File : BN006732.D
Acq On : 06 Jul 2019 01:13
Operator : HP/JU
Sample : PB120991BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB120991BS

Quant Time: Jul 06 03:20:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN070219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 05:30:28 2019
Response via : Initial Calibration



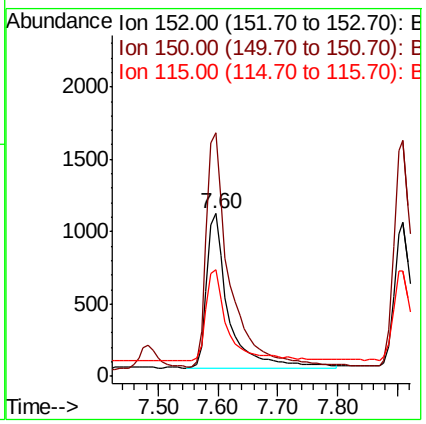


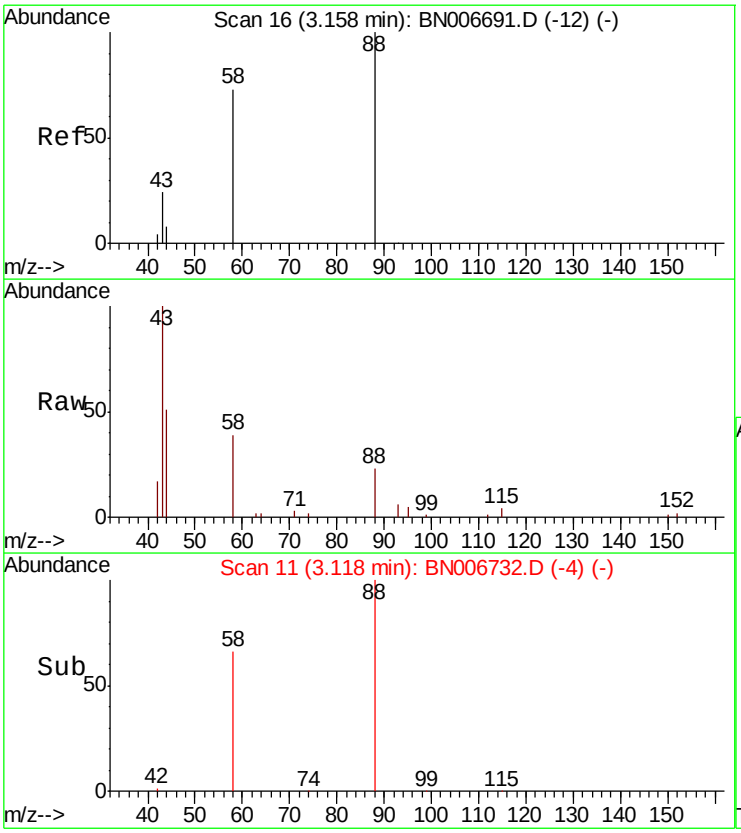
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 567
Delta R.T. -0.02 min
Lab File: BN006732.D
Acq: 06 Jul 2019 01:13

Instrument :
BNA_N
ClientSampleId :
PB120991BS

Tgt Ion:152 Resp: 2692

Ion	Ratio	Lower	Upper
152	100		
150	149.5	120.6	181.0
115	65.3	51.0	76.6

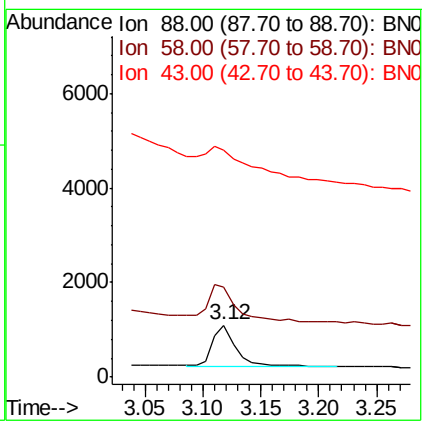


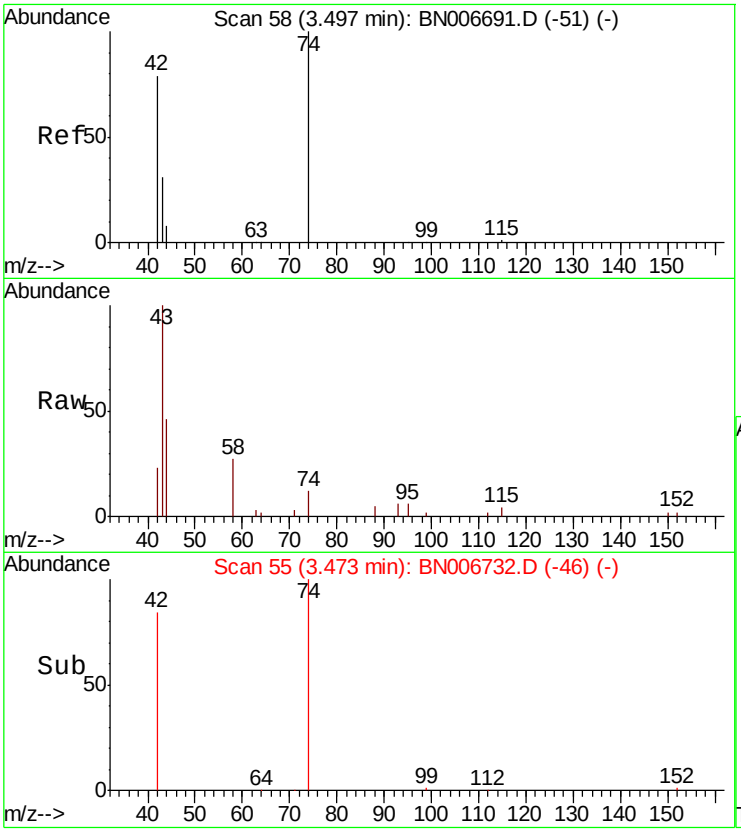


#2
1,4-Dioxane
Concen: 0.291 ng
RT: 3.12 min Scan# 11
Delta R.T. -0.04 min
Lab File: BN006732.D
Acq: 06 Jul 2019 01:13

Tgt Ion: 88 Resp: 1226

Ion	Ratio	Lower	Upper
88	100		
58	106.6	61.1	91.7#
43	171.9	32.4	48.6#



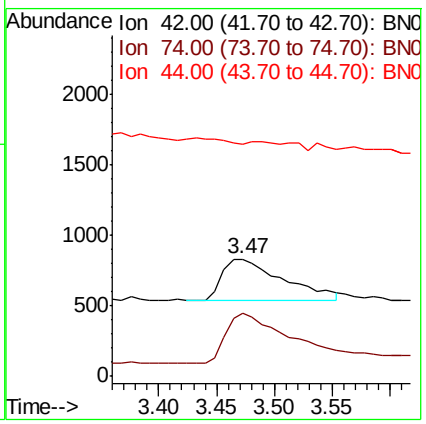


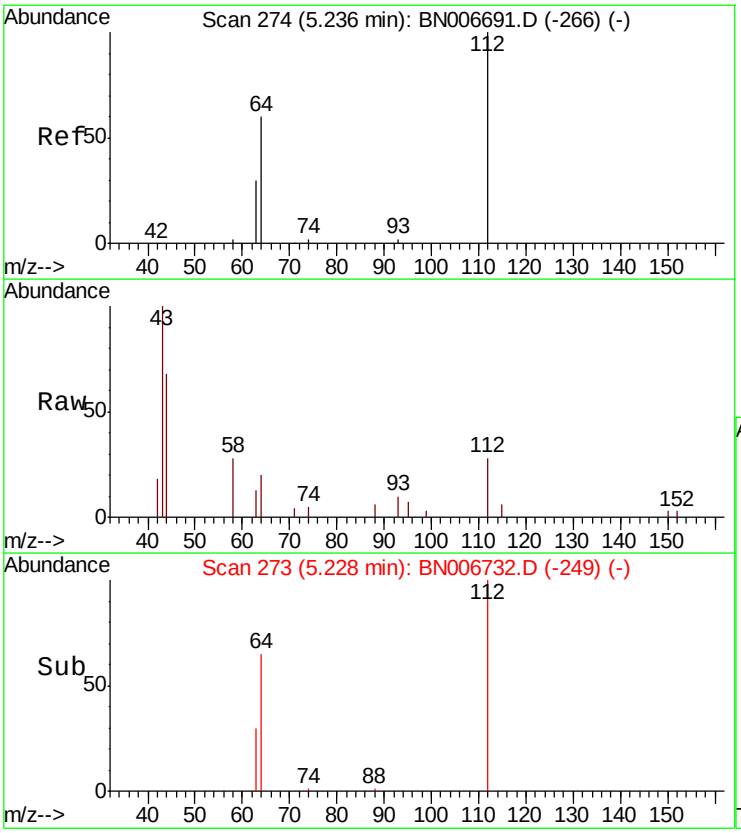
#3
n-Nitrosodimethylamine
Concen: 0.345 ng
RT: 3.47 min Scan# 55
Delta R.T. -0.02 min
Lab File: BN006732.D
Acq: 06 Jul 2019 01:13

Instrument :
BNA_N
ClientSampleId :
PB120991BS

Tgt Ion: 42 Resp: 1096

Ion	Ratio	Lower	Upper
42	100		
74	125.0	106.6	160.0
44	0.0	8.0	12.0#

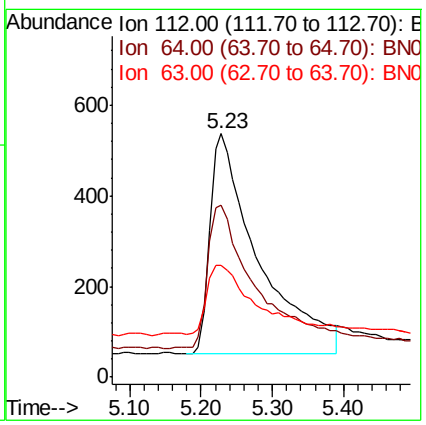


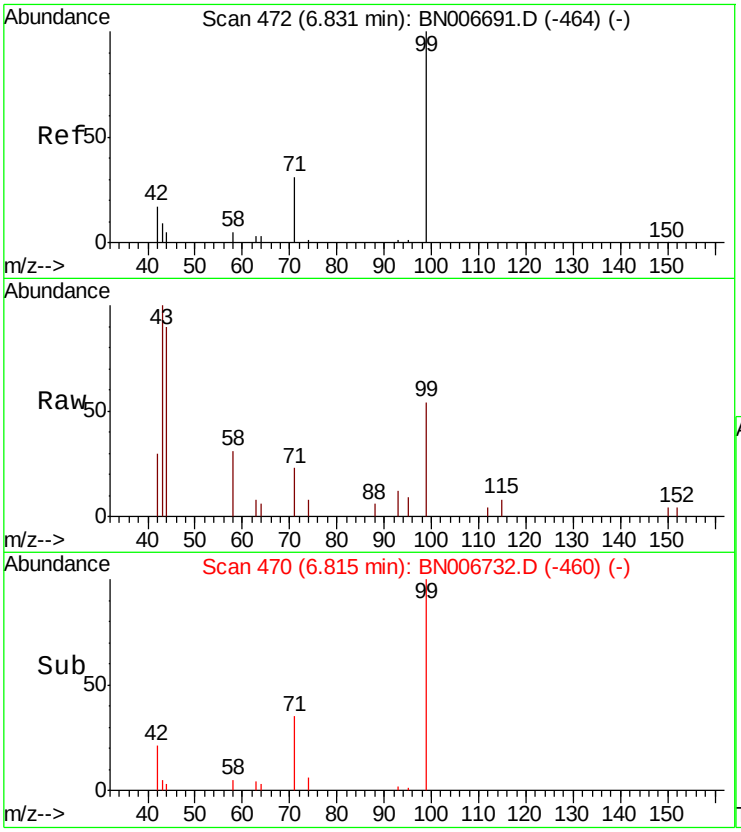


#4
2-Fluorophenol
Concen: 0.311 ng
RT: 5.23 min Scan# 273
Delta R.T. -0.01 min
Lab File: BN006732.D
Acq: 06 Jul 2019 01:13

Tgt Ion:112 Resp: 2271

Ion	Ratio	Lower	Upper
112	100		
64	66.7	49.8	74.6
63	33.0	25.8	38.6



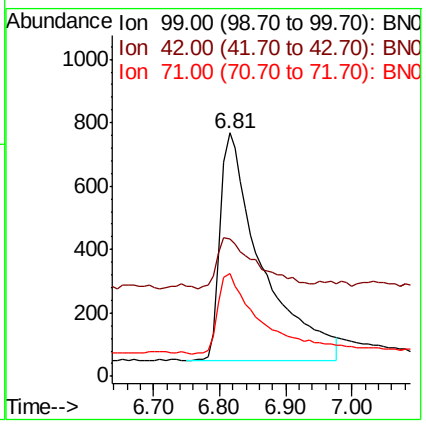


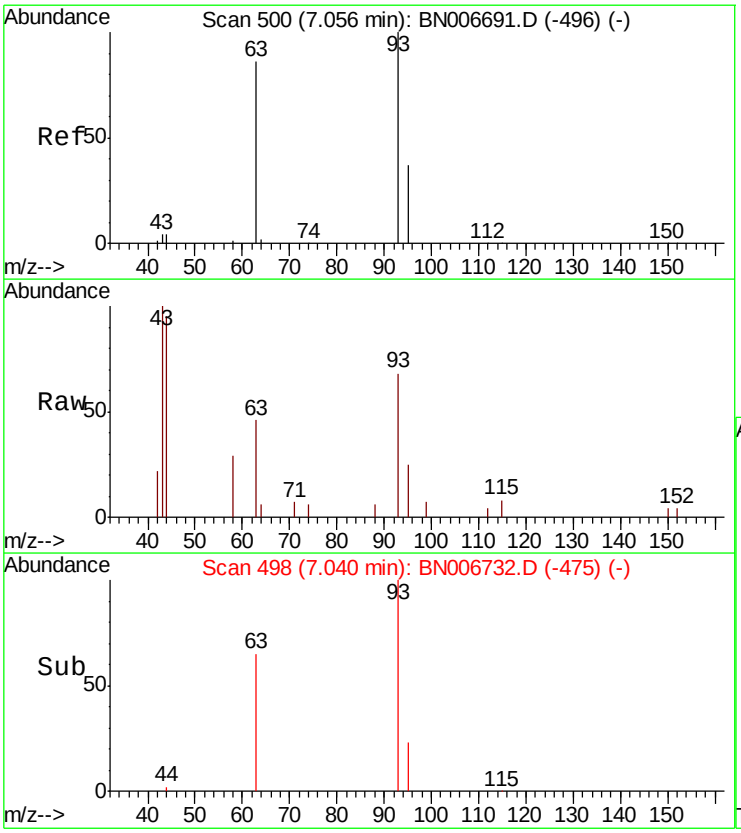
#5
Phenol-d6
Concen: 0.338 ng
RT: 6.81 min Scan# 470
Delta R.T. -0.02 min
Lab File: BN006732.D
Acq: 06 Jul 2019 01:13

Instrument :
BNA_N
ClientSampleId :
PB120991BS

Tgt Ion: 99 Resp: 3129

Ion	Ratio	Lower	Upper
99	100		
42	21.9	16.6	25.0
71	36.0	26.0	39.0

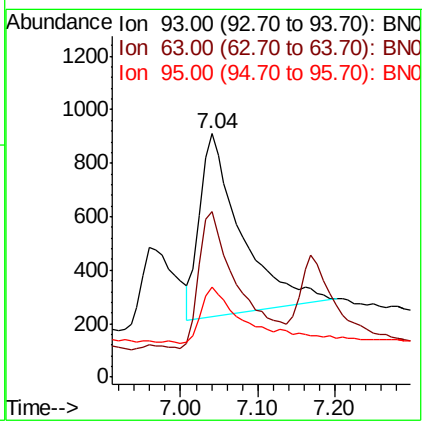


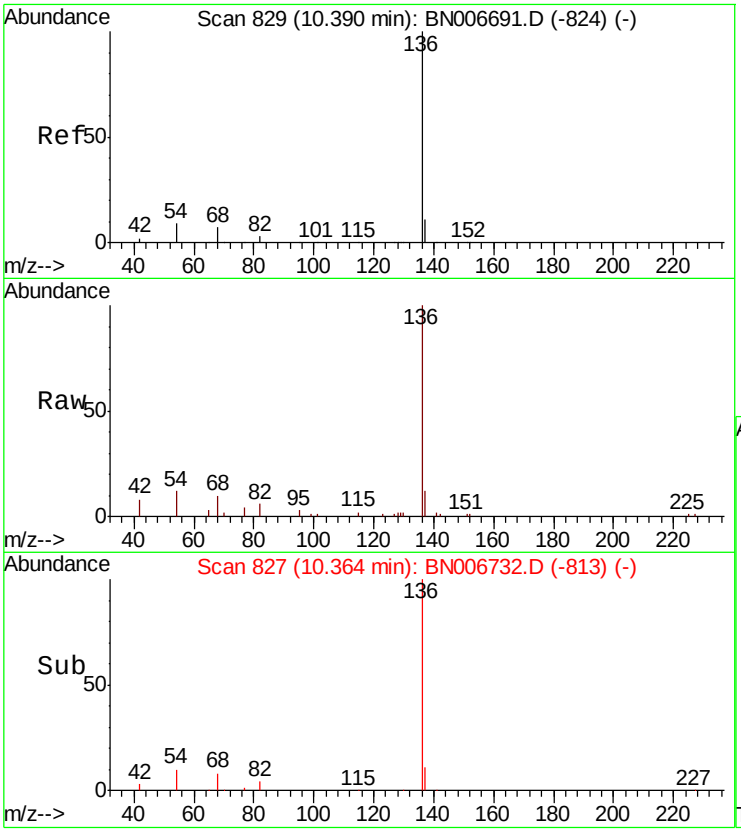


#6
bis(2-Chloroethyl)ether
Concen: 0.331 ng
RT: 7.04 min Scan# 498
Delta R.T. -0.02 min
Lab File: BN006732.D
Acq: 06 Jul 2019 01:13

Tgt Ion: 93 Resp: 2588

Ion	Ratio	Lower	Upper
93	100		
63	71.9	58.6	87.8
95	33.0	28.3	42.5



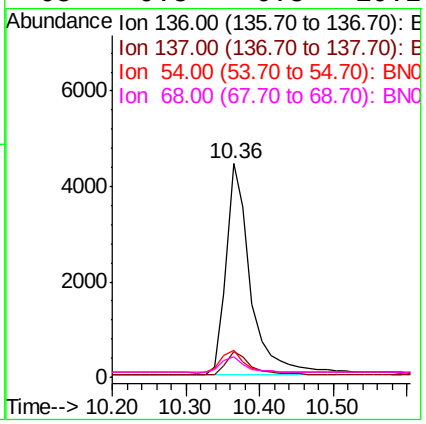


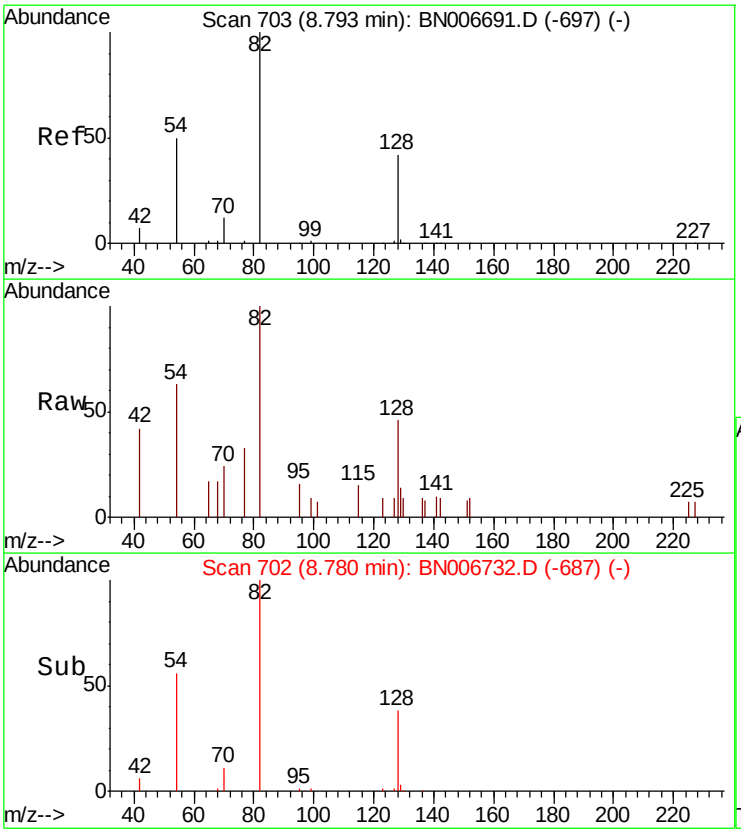
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.36 min Scan# 827
Delta R.T. -0.03 min
Lab File: BN006732.D
Acq: 06 Jul 2019 01:13

Instrument :
BNA_N
ClientSampleId :
PB120991BS

Tgt Ion:136 Resp: 10191

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.3	13.9
54	12.3	8.4	12.6
68	9.8	6.8	10.2

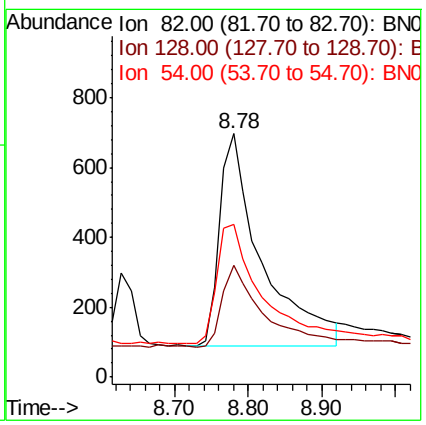


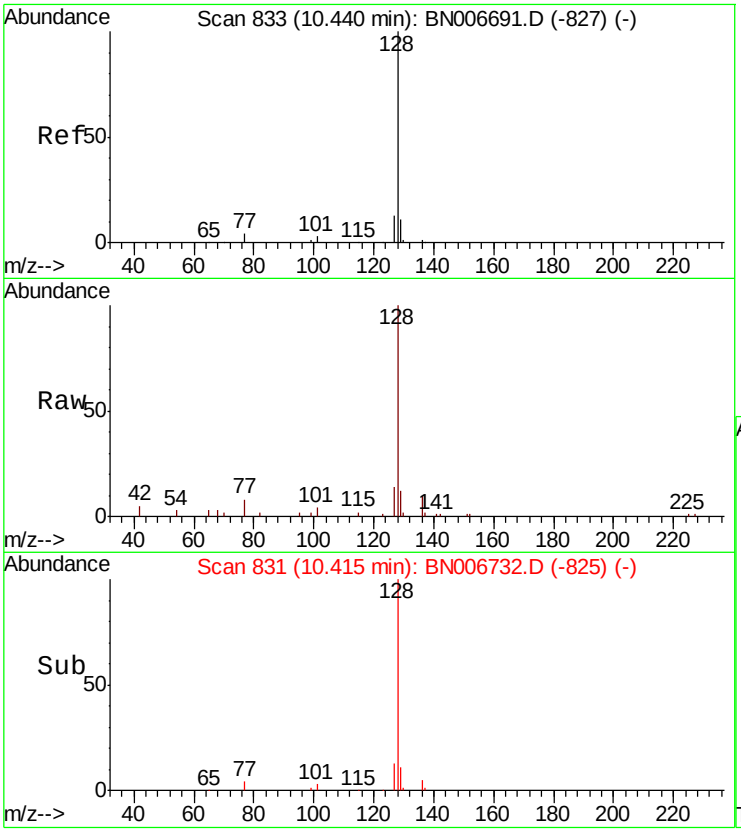


#8
Nitrobenzene-d5
Concen: 0.308 ng
RT: 8.78 min Scan# 702
Delta R.T. -0.01 min
Lab File: BN006732.D
Acq: 06 Jul 2019 01:13

Tgt Ion: 82 Resp: 2409

Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.1	54.1
54	62.7	44.5	66.7



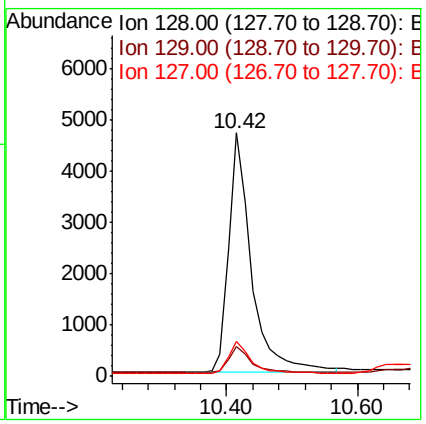


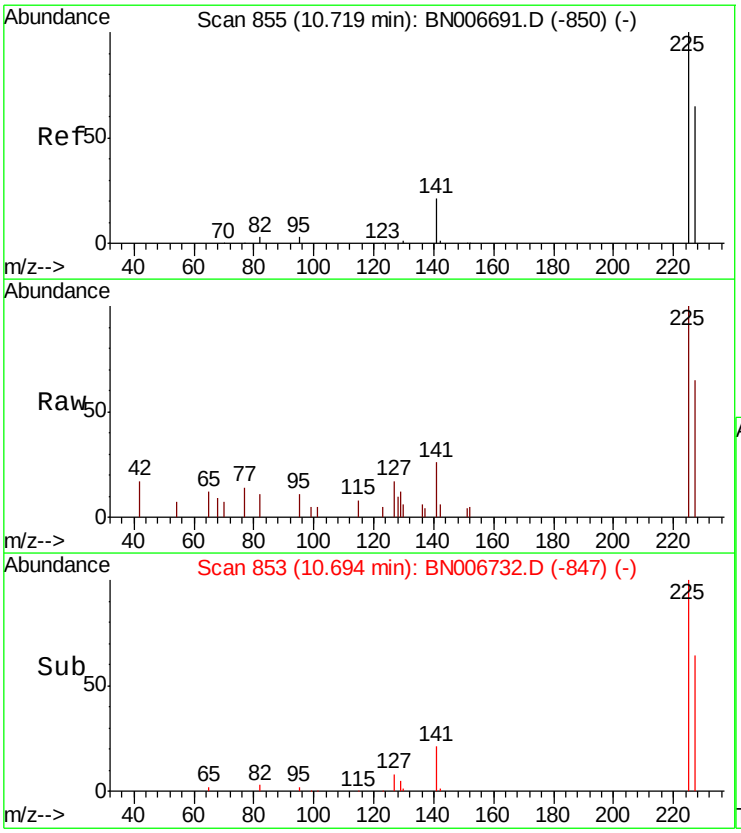
#9
Naphthalene
Concen: 0.403 ng
RT: 10.42 min Scan# 831
Delta R.T. -0.03 min
Lab File: BN006732.D
Acq: 06 Jul 2019 01:13

Instrument :
BNA_N
ClientSampleId :
PB120991BS

Tgt Ion:128 Resp: 11226

Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.6	14.4
127	14.1	11.0	16.4

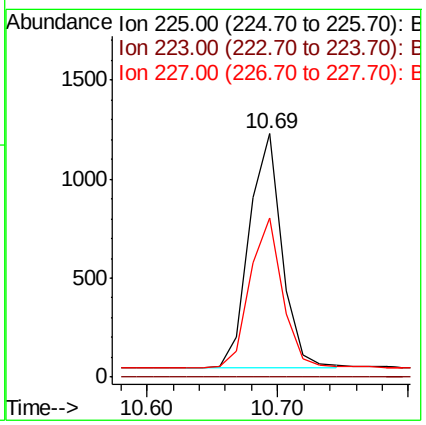


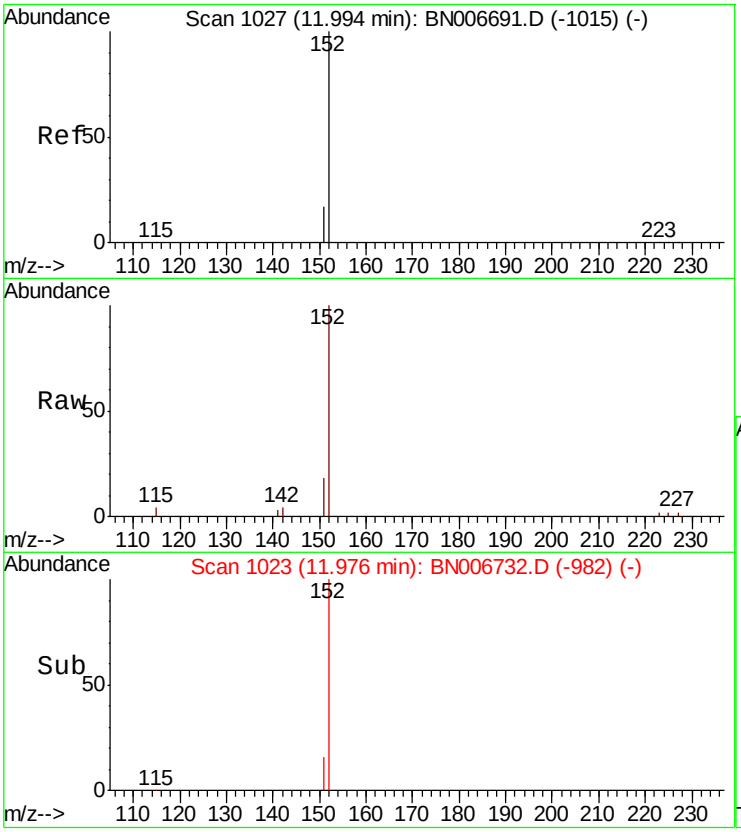


#10
Hexachlorobutadiene
Concen: 0.363 ng
RT: 10.69 min Scan# 853
Delta R.T. -0.03 min
Lab File: BN006732.D
Acq: 06 Jul 2019 01:13

Tgt Ion:225 Resp: 2050

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.6	50.9	76.3



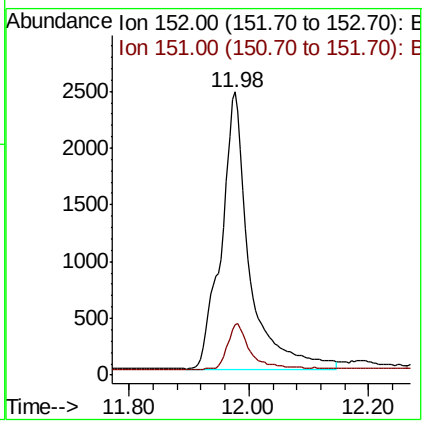


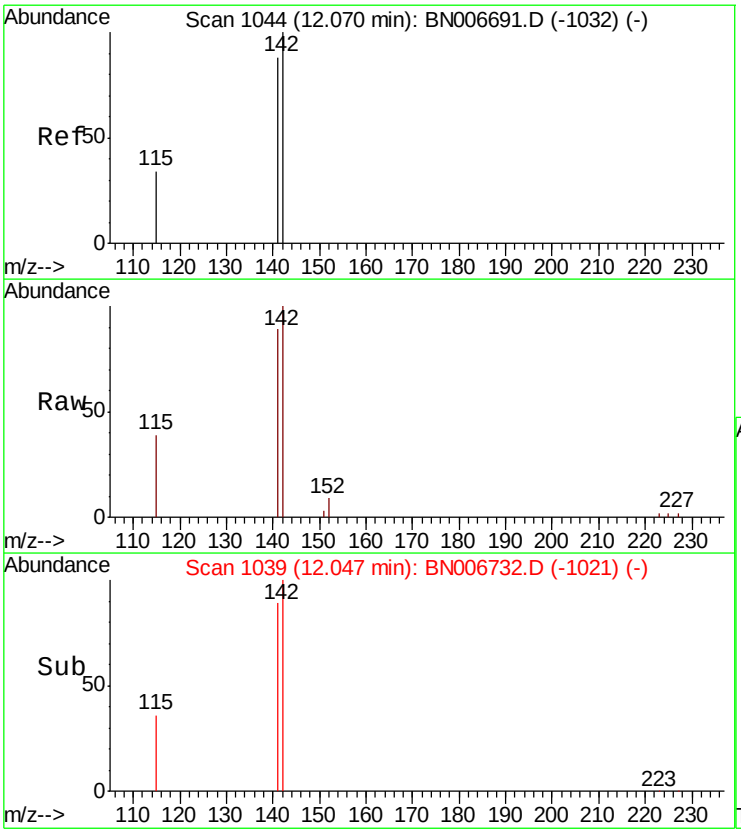
#11
2-Methylnaphthalene-d10
Concen: 0.517 ng
RT: 11.98 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BN006732.D
Acq: 06 Jul 2019 01:13

Instrument :
BNA_N
ClientSampleId :
PB120991BS

Tgt Ion:152 Resp: 7920

Ion	Ratio	Lower	Upper
152	100		
151	13.7	14.9	22.3#

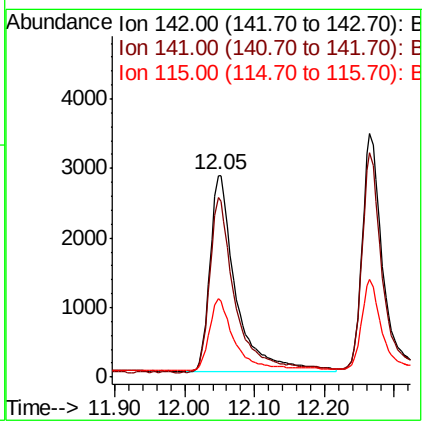


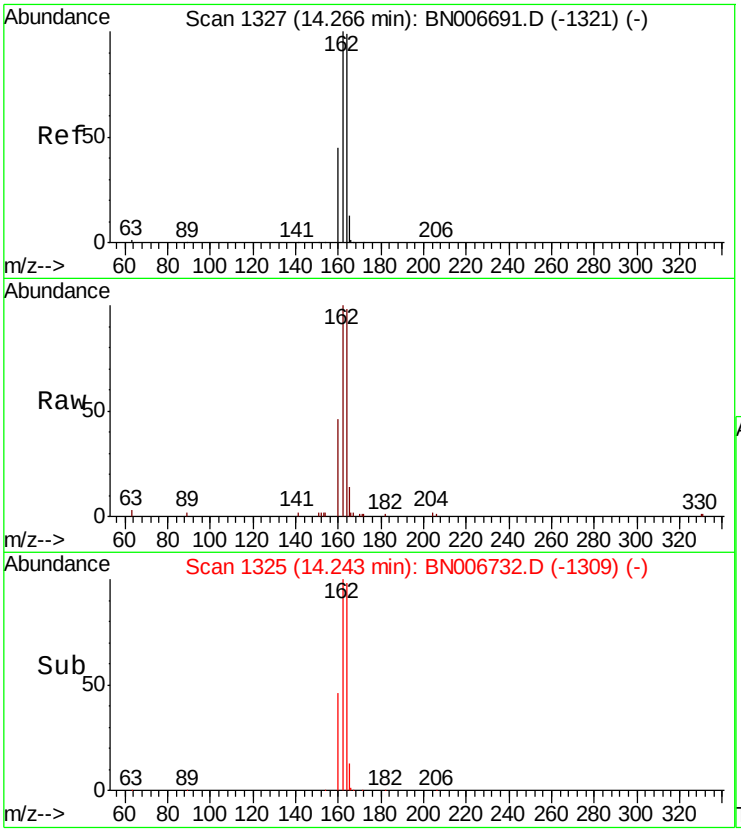


#12
2-Methylnaphthalene
Concen: 0.367 ng
RT: 12.05 min Scan# 1039
Delta R.T. -0.02 min
Lab File: BN006732.D
Acq: 06 Jul 2019 01:13

Tgt Ion:142 Resp: 7269

Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.3	105.5
115	38.8	28.9	43.3



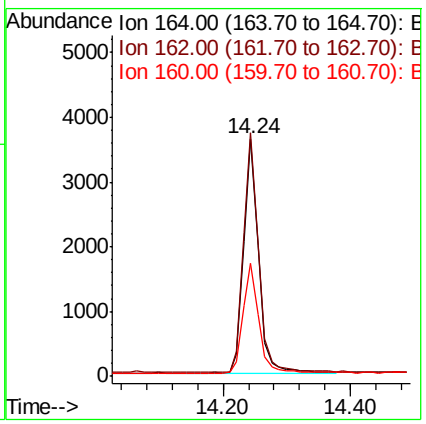


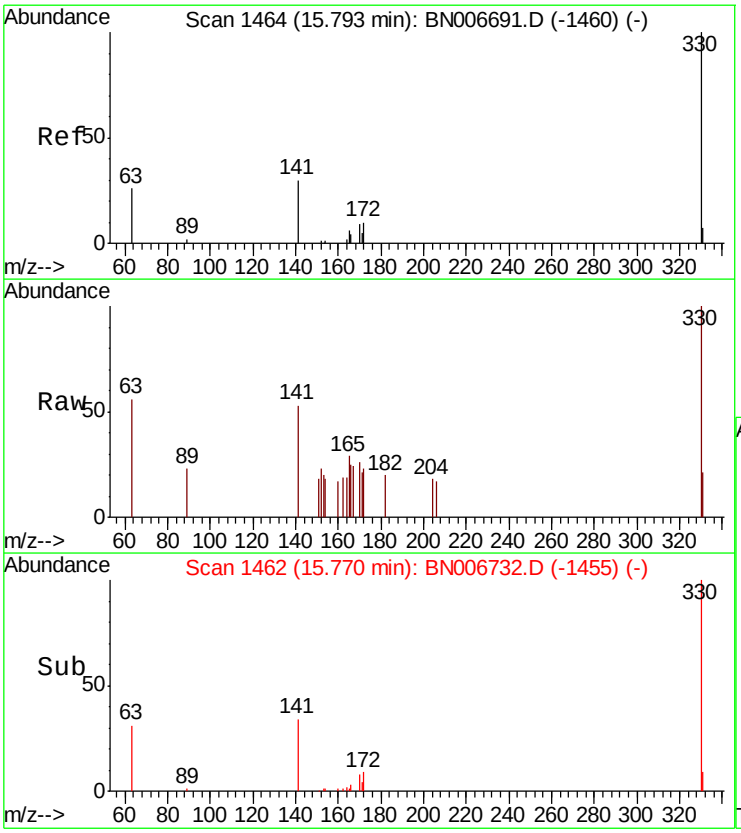
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.24 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BN006732.D
Acq: 06 Jul 2019 01:13

Instrument :
BNA_N
ClientSampleId :
PB120991BS

Tgt Ion:164 Resp: 5907

Ion	Ratio	Lower	Upper
164	100		
162	102.5	80.8	121.2
160	47.6	37.0	55.6

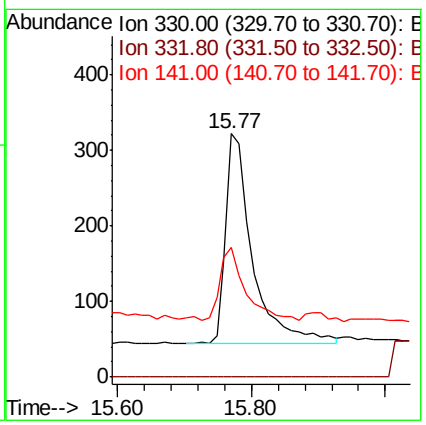


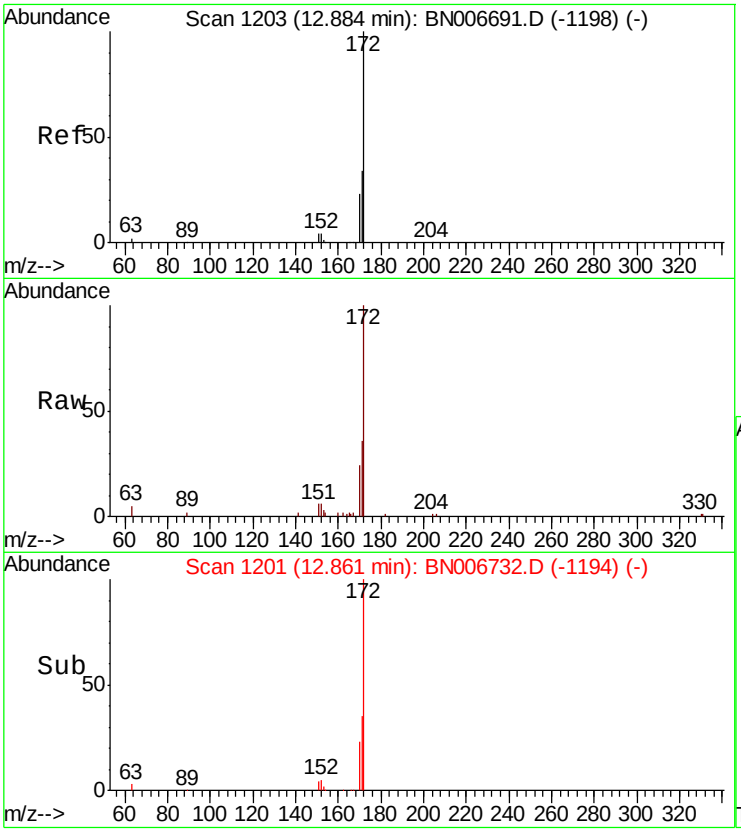


#14
2,4,6-Tribromophenol
Concen: 0.262 ng
RT: 15.77 min Scan# 1462
Delta R.T. -0.02 min
Lab File: BN006732.D
Acq: 06 Jul 2019 01:13

Tgt Ion:330 Resp: 760

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	32.5	24.8	37.2



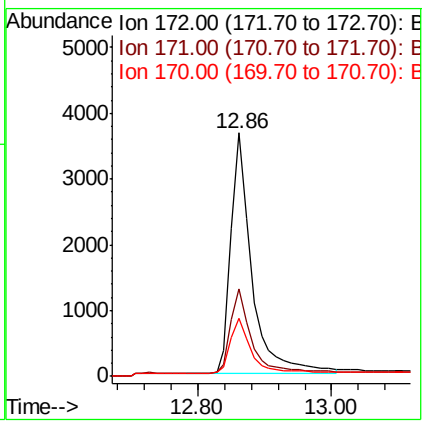


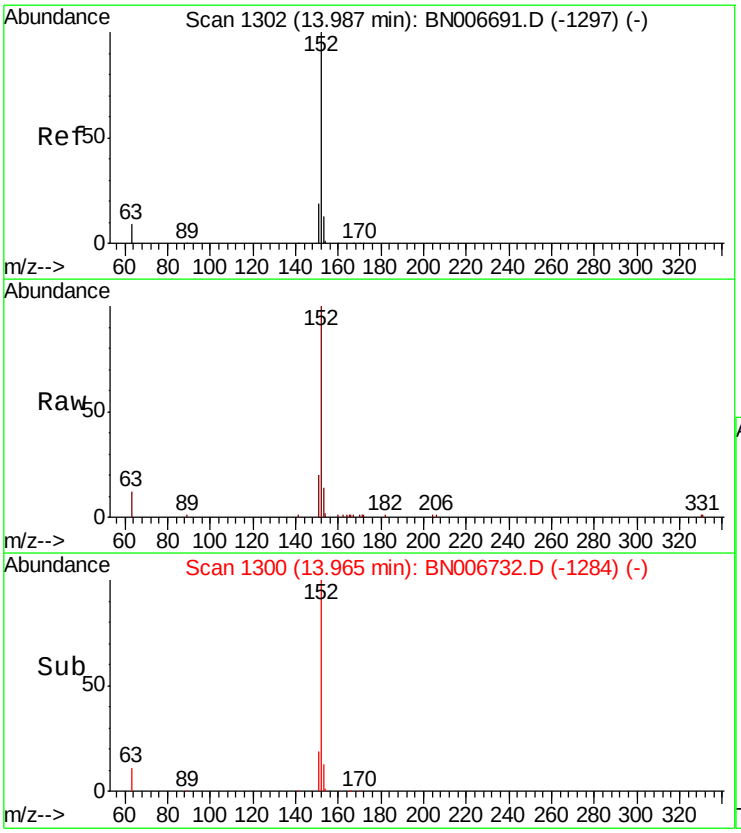
#15
2-Fluorobiphenyl
Concen: 0.338 ng
RT: 12.86 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BN006732.D
Acq: 06 Jul 2019 01:13

Instrument :
BNA_N
ClientSampleId :
PB120991BS

Tgt Ion:172 Resp: 7804

Ion	Ratio	Lower	Upper
172	100		
171	35.7	27.8	41.6
170	24.1	18.9	28.3

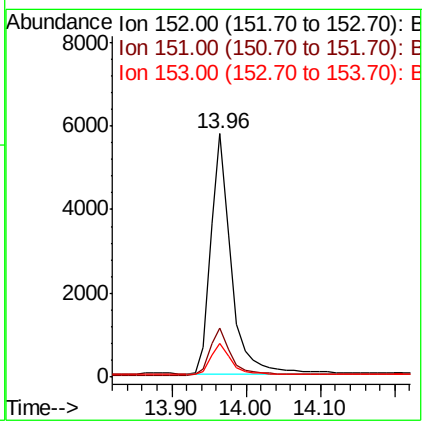


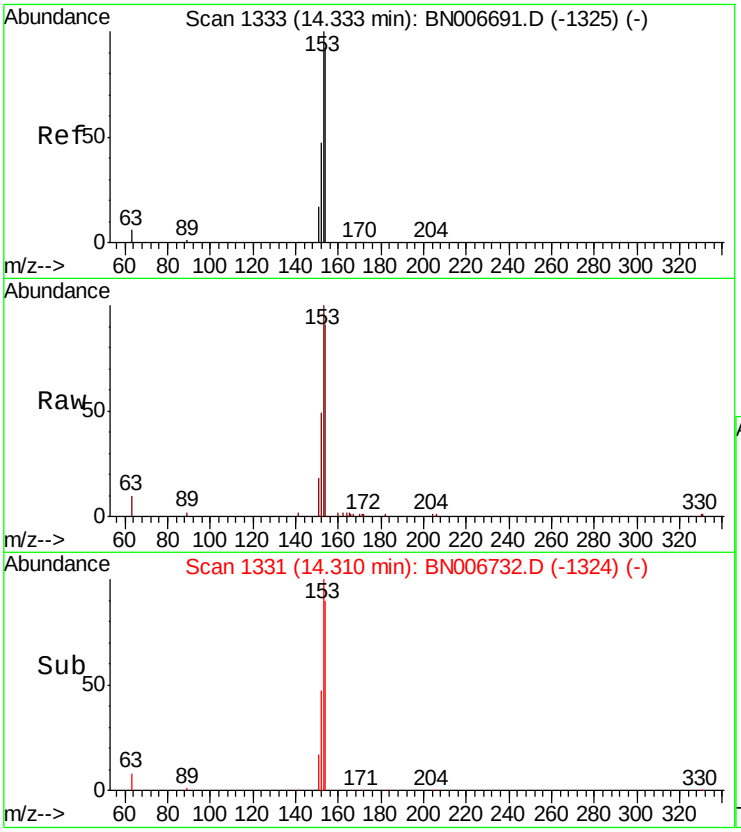


#16
Acenaphthylene
Concen: 0.366 ng
RT: 13.96 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BN006732.D
Acq: 06 Jul 2019 01:13

Tgt Ion:152 Resp: 10779

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.7	23.5
153	13.0	10.6	15.8



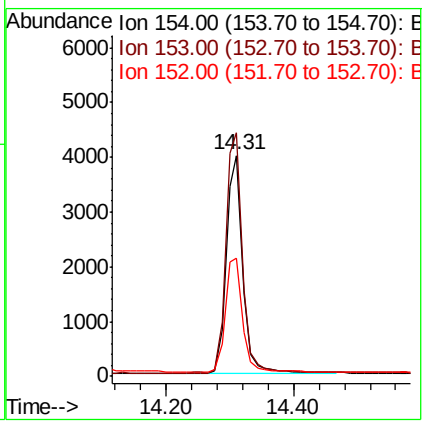


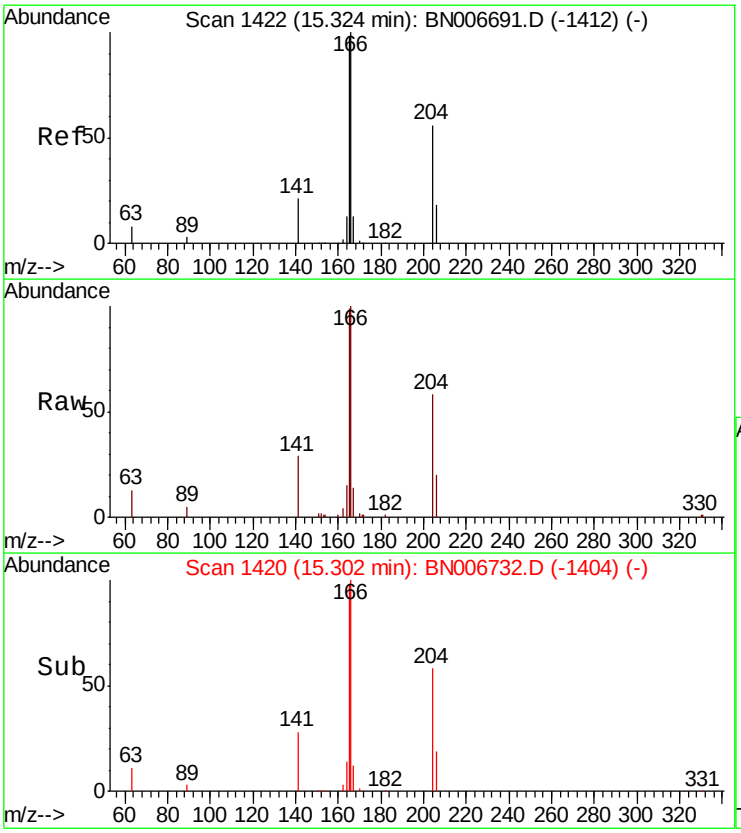
#17
Acenaphthene
Concen: 0.368 ng
RT: 14.31 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BN006732.D
Acq: 06 Jul 2019 01:13

Instrument :
BNA_N
ClientSampleId :
PB120991BS

Tgt Ion:154 Resp: 6917

Ion	Ratio	Lower	Upper
154	100		
153	114.0	88.9	133.3
152	56.1	42.8	64.2

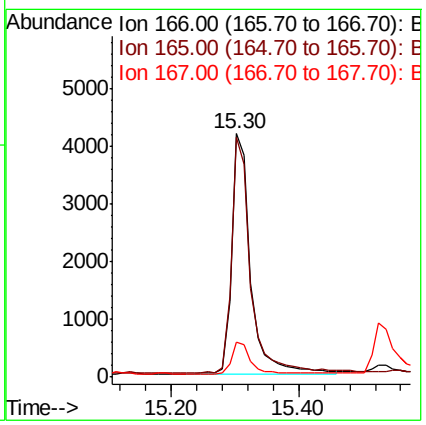


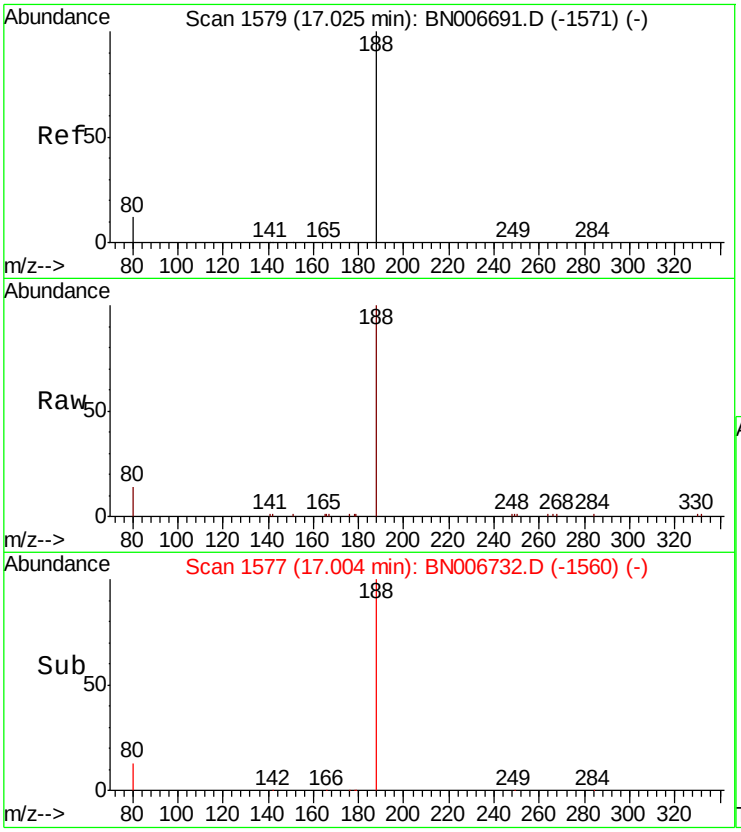


#18
Fluorene
Concen: 0.370 ng
RT: 15.30 min Scan# 1420
Delta R.T. -0.02 min
Lab File: BN006732.D
Acq: 06 Jul 2019 01:13

Tgt Ion:166 Resp: 8620

Ion	Ratio	Lower	Upper
166	100		
165	97.4	78.0	117.0
167	13.4	10.7	16.1



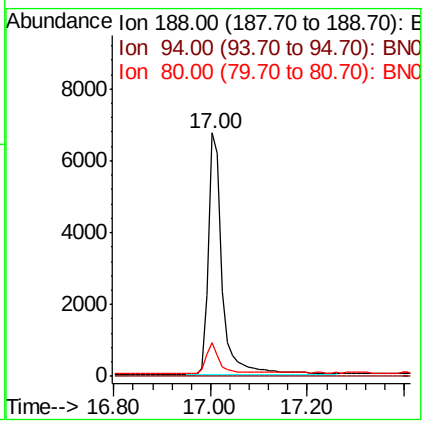


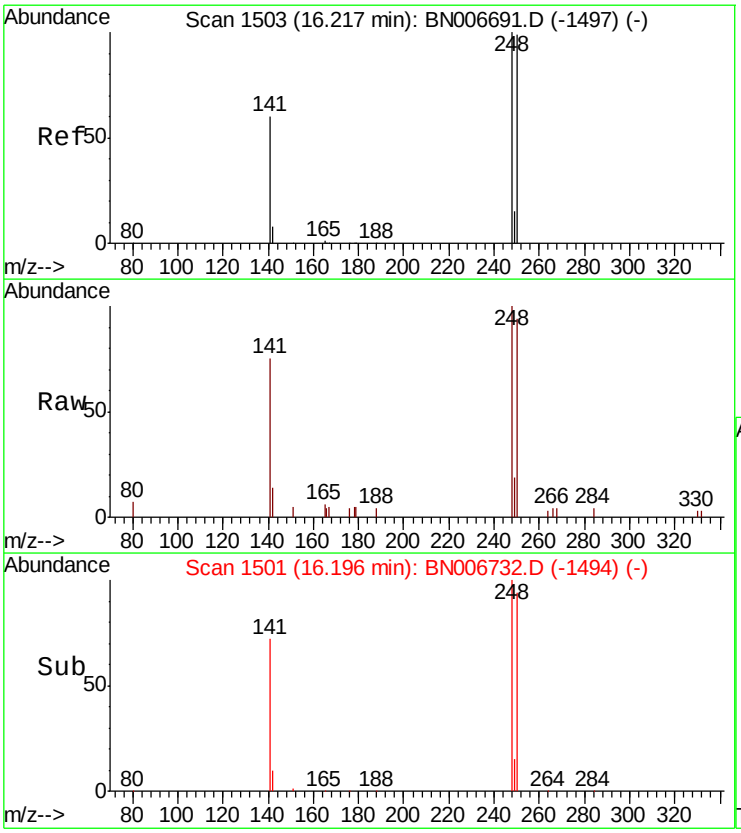
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.00 min Scan# 1577
Delta R.T. -0.02 min
Lab File: BN006732.D
Acq: 06 Jul 2019 01:13

Instrument :
BNA_N
ClientSampleId :
PB120991BS

Tgt Ion:188 Resp: 13501

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.9	10.3	15.5

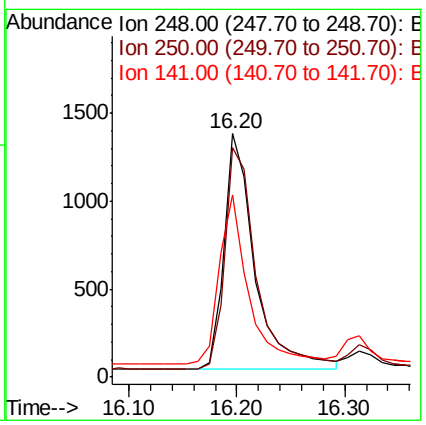


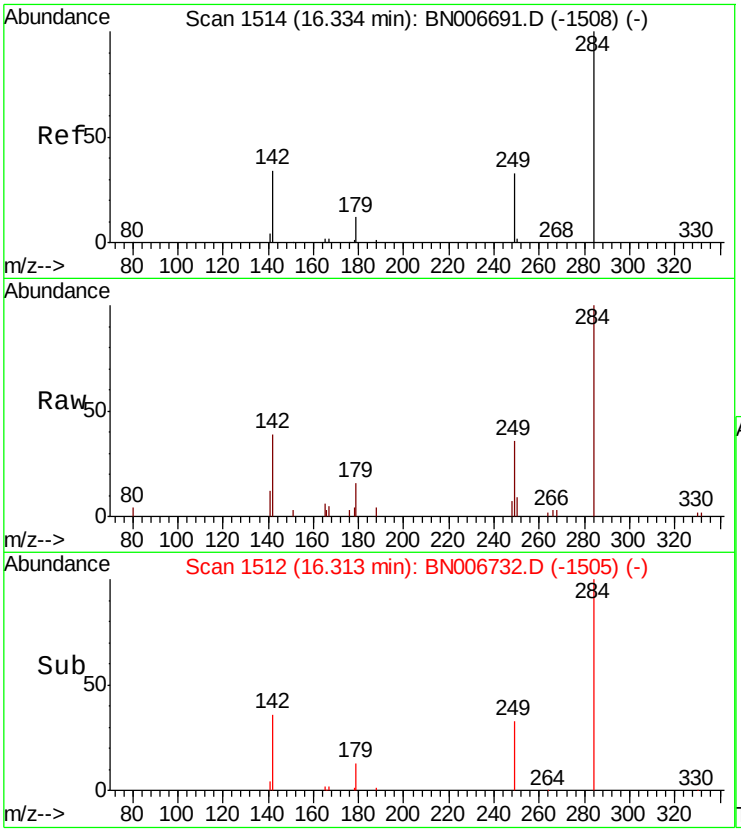


#20
4-Bromophenyl-phenylether
Concen: 0.332 ng
RT: 16.20 min Scan# 1501
Delta R.T. -0.02 min
Lab File: BN006732.D
Acq: 06 Jul 2019 01:13

Tgt Ion:248 Resp: 2645

Ion	Ratio	Lower	Upper
248	100		
250	94.2	79.0	118.6
141	74.7	50.2	75.4



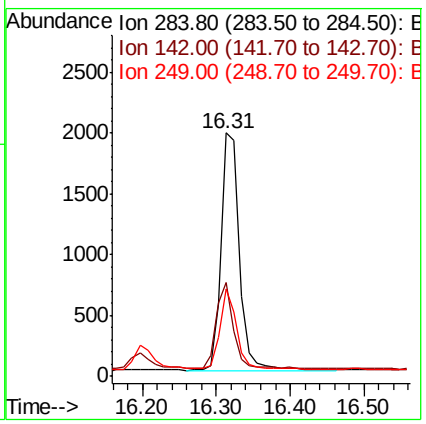


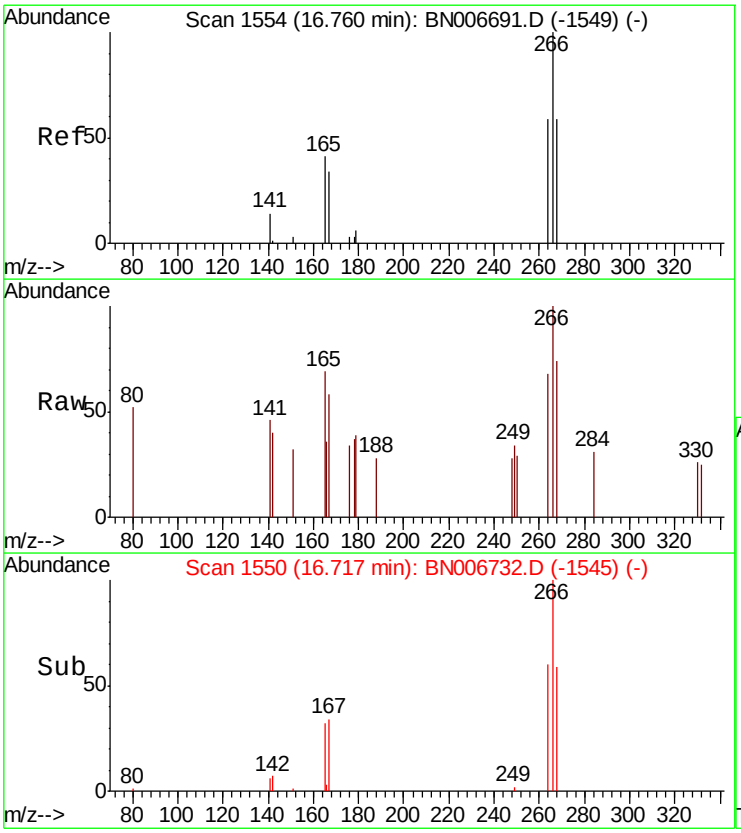
#21
Hexachlorobenzene
Concen: 0.364 ng
RT: 16.31 min Scan# 1512
Delta R.T. -0.02 min
Lab File: BN006732.D
Acq: 06 Jul 2019 01:13

Instrument :
BNA_N
ClientSampleId :
PB120991BS

Tgt Ion:284 Resp: 3449

Ion	Ratio	Lower	Upper
284	100		
142	33.7	26.9	40.3
249	30.3	24.4	36.6

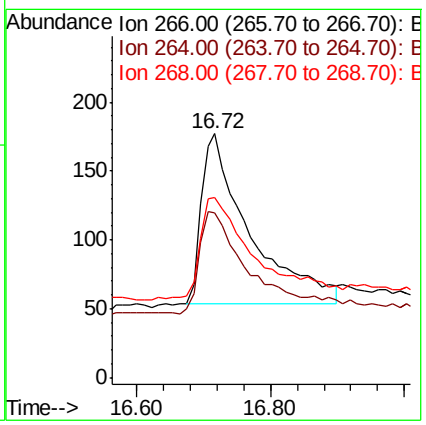


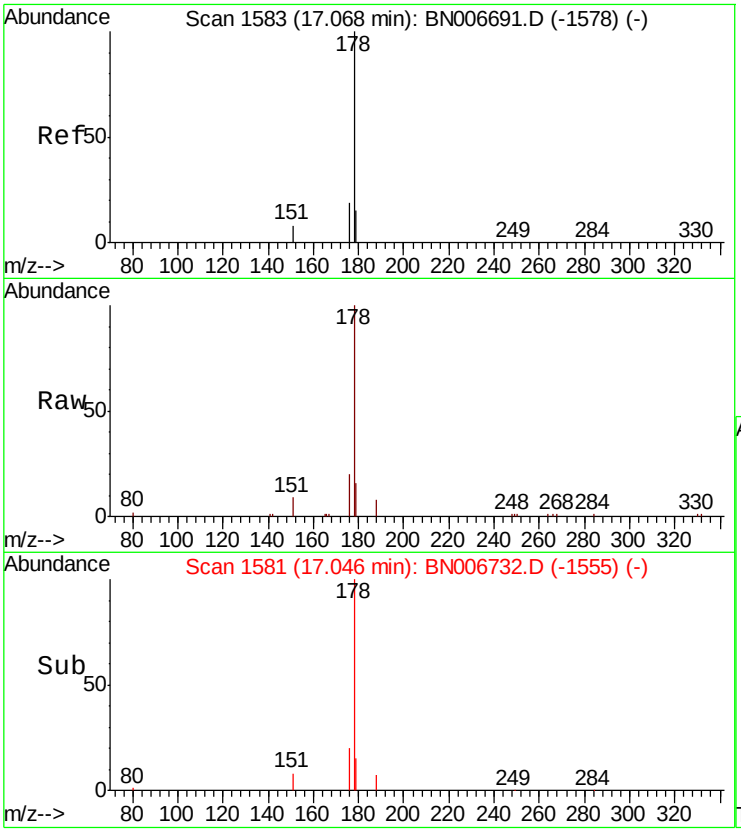


#22
Pentachlorophenol
Concen: 0.572 ng
RT: 16.72 min Scan# 1550
Delta R.T. -0.04 min
Lab File: BN006732.D
Acq: 06 Jul 2019 01:13

Tgt Ion:266 Resp: 609

Ion	Ratio	Lower	Upper
266	100		
264	67.8	57.6	86.4
268	74.0	66.6	99.8



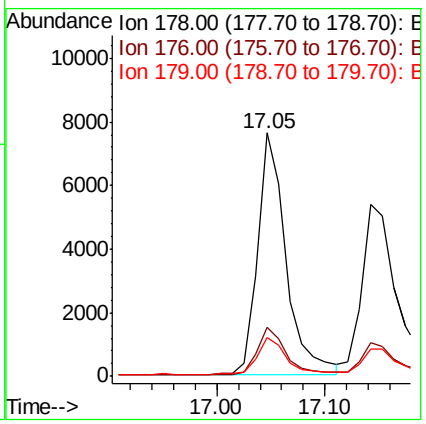


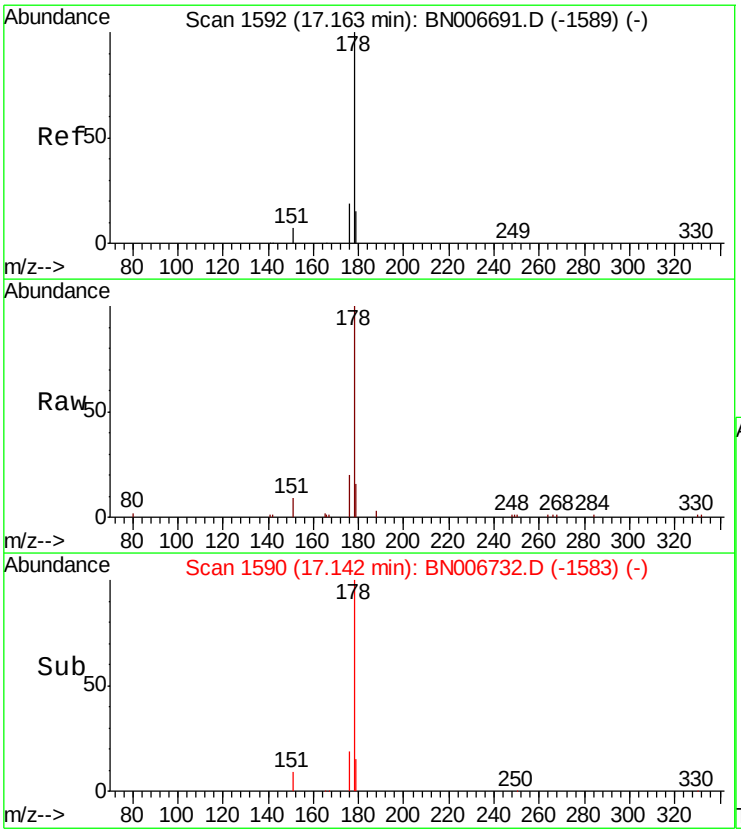
#23
Phenanthrene
Concen: 0.352 ng
RT: 17.05 min Scan# 1581
Delta R.T. -0.02 min
Lab File: BN006732.D
Acq: 06 Jul 2019 01:13

Instrument :
BNA_N
ClientSampleId :
PB120991BS

Tgt Ion:178 Resp: 13705

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	15.5	12.4	18.6

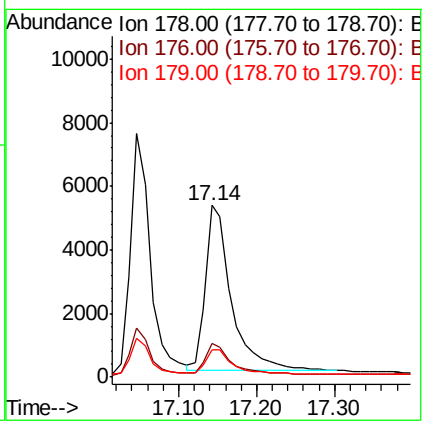


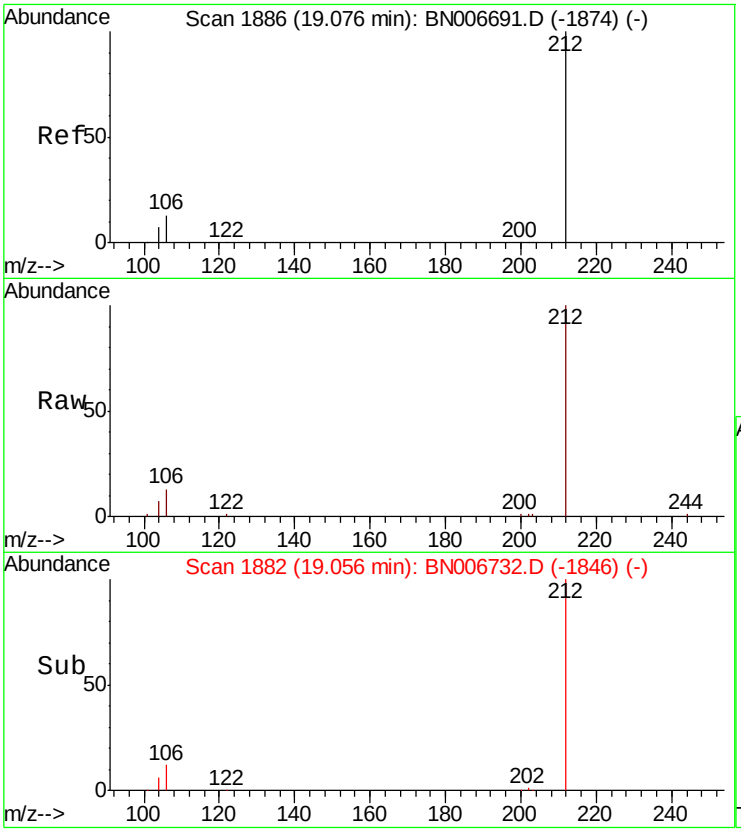


#24
Anthracene
Concen: 0.339 ng
RT: 17.14 min Scan# 1590
Delta R.T. -0.02 min
Lab File: BN006732.D
Acq: 06 Jul 2019 01:13

Tgt Ion:178 Resp: 11936

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.8	22.2
179	15.1	11.9	17.9



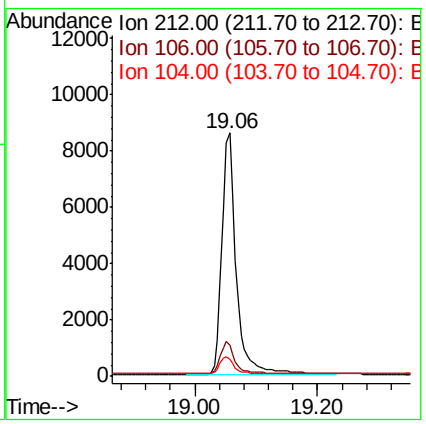


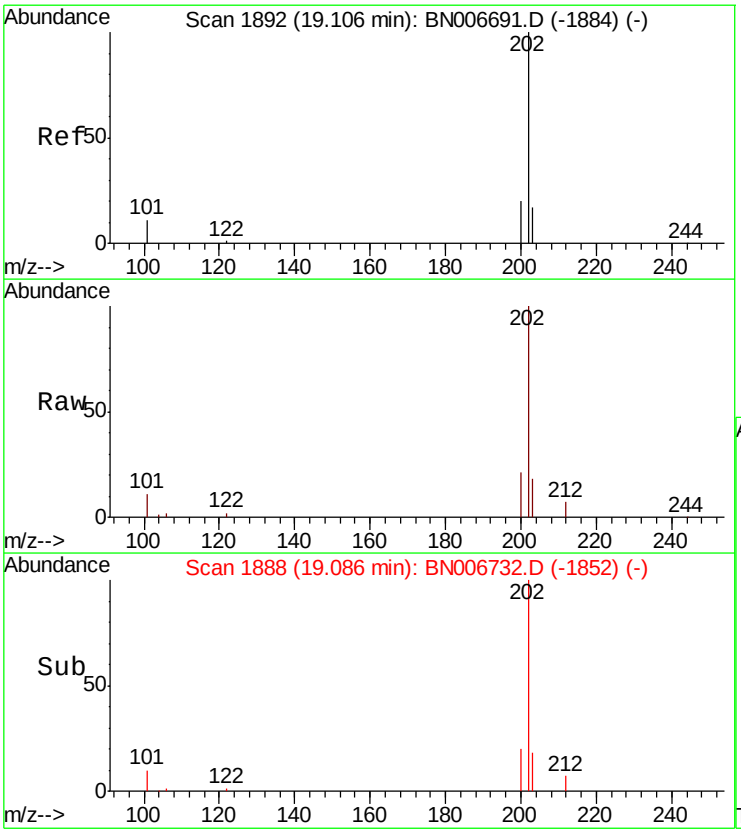
#25
Fluoranthene-d10
Concen: 0.369 ng
RT: 19.06 min Scan# 1882
Delta R.T. -0.02 min
Lab File: BN006732.D
Acq: 06 Jul 2019 01:13

Instrument :
BNA_N
ClientSampleId :
PB120991BS

Tgt Ion:212 Resp: 14235

Ion	Ratio	Lower	Upper
212	100		
106	13.1	11.0	16.6
104	7.0	6.1	9.1

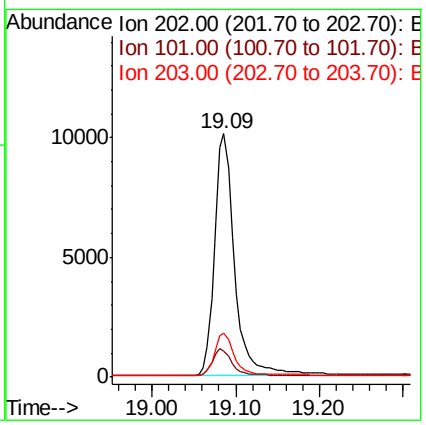


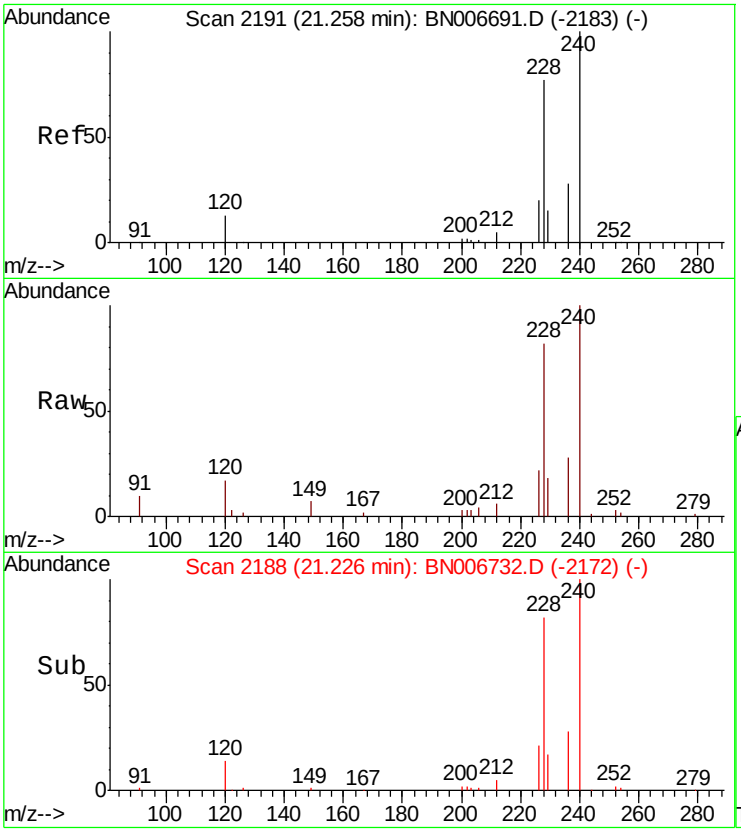


#26
Fluoranthene
Concen: 0.371 ng
RT: 19.09 min Scan# 1888
Delta R.T. -0.02 min
Lab File: BN006732.D
Acq: 06 Jul 2019 01:13

Tgt Ion:202 Resp: 16963

Ion	Ratio	Lower	Upper
202	100		
101	11.1	8.7	13.1
203	17.1	13.8	20.6



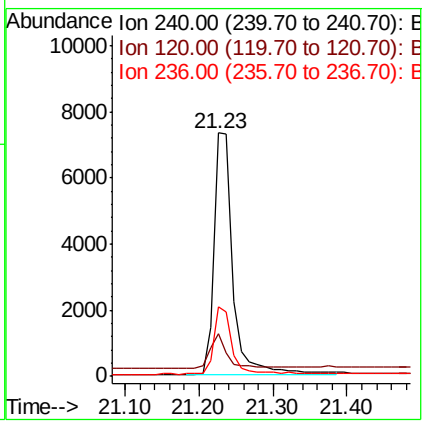


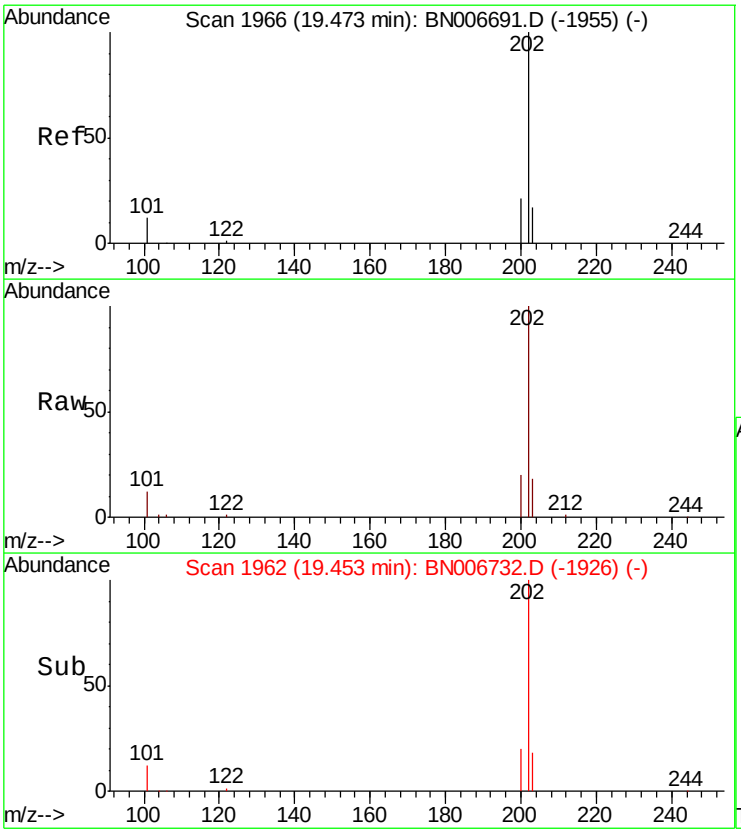
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.23 min Scan# 2188
Delta R.T. -0.03 min
Lab File: BN006732.D
Acq: 06 Jul 2019 01:13

Instrument :
BNA_N
ClientSampleId :
PB120991BS

Tgt Ion:240 Resp: 13179

Ion	Ratio	Lower	Upper
240	100		
120	17.4	12.9	19.3
236	28.3	23.2	34.8

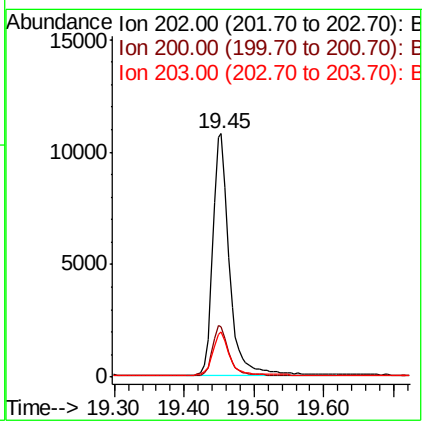


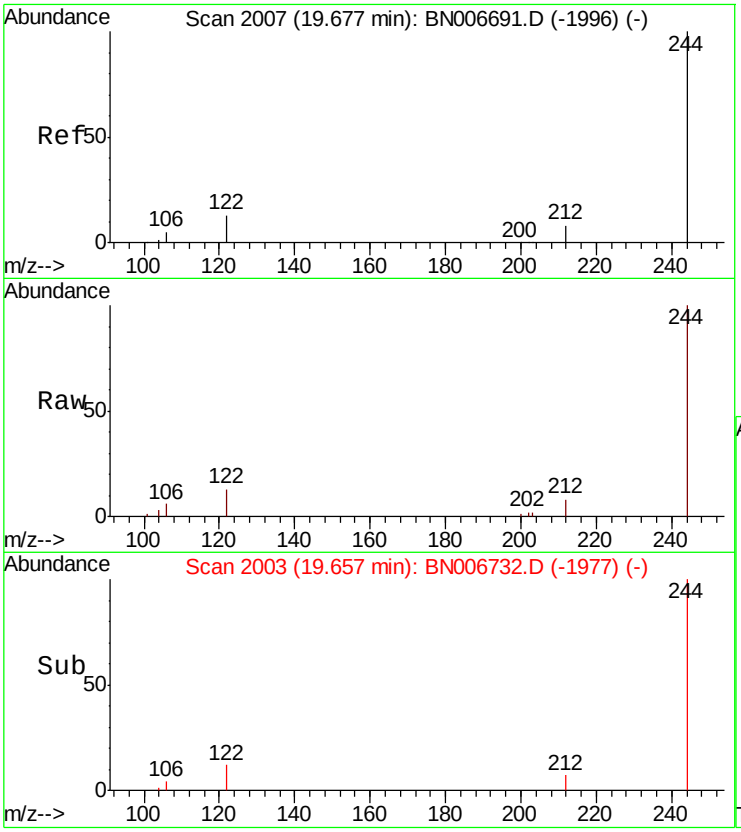


#28
Pyrene
Concen: 0.334 ng
RT: 19.45 min Scan# 1962
Delta R.T. -0.02 min
Lab File: BN006732.D
Acq: 06 Jul 2019 01:13

Tgt Ion:202 Resp: 17634

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.8	25.2
203	18.0	14.2	21.2



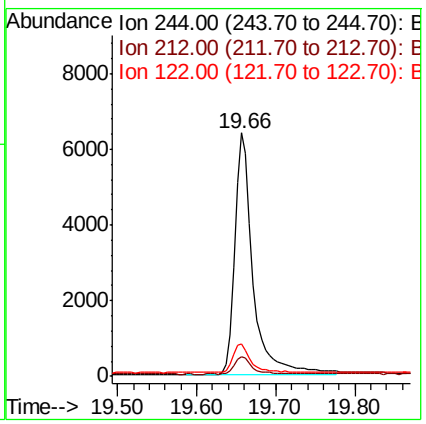


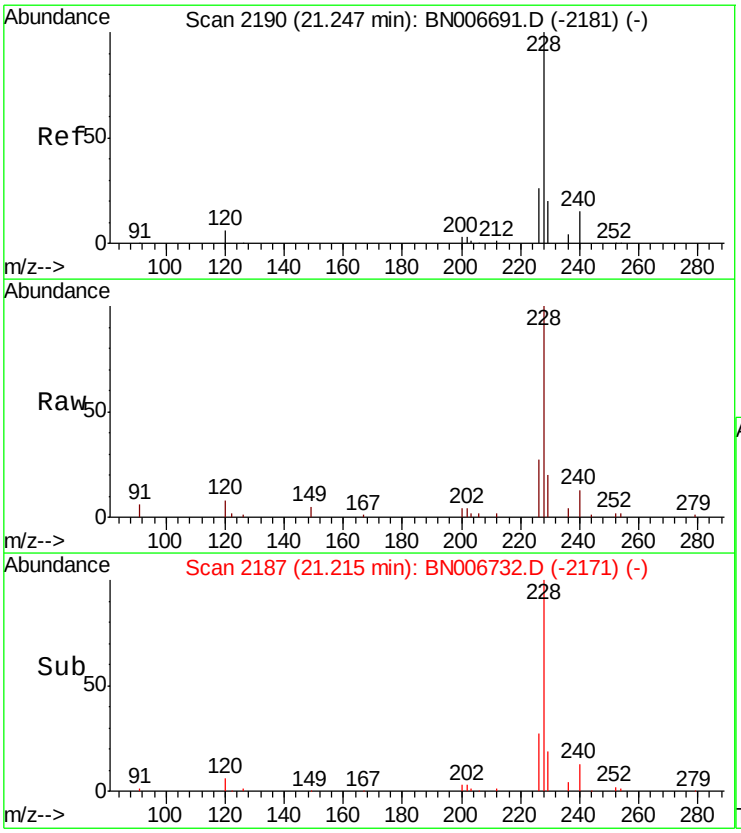
#29
Terphenyl-d14
Concen: 0.338 ng
RT: 19.66 min Scan# 2003
Delta R.T. -0.02 min
Lab File: BN006732.D
Acq: 06 Jul 2019 01:13

Instrument :
BNA_N
ClientSampleId :
PB120991BS

Tgt Ion:244 Resp: 10263

Ion	Ratio	Lower	Upper
244	100		
212	8.3	7.0	10.4
122	13.1	11.5	17.3

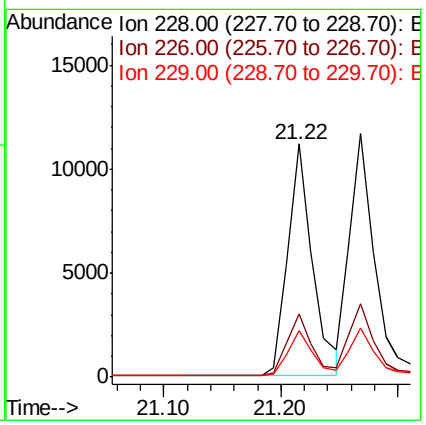


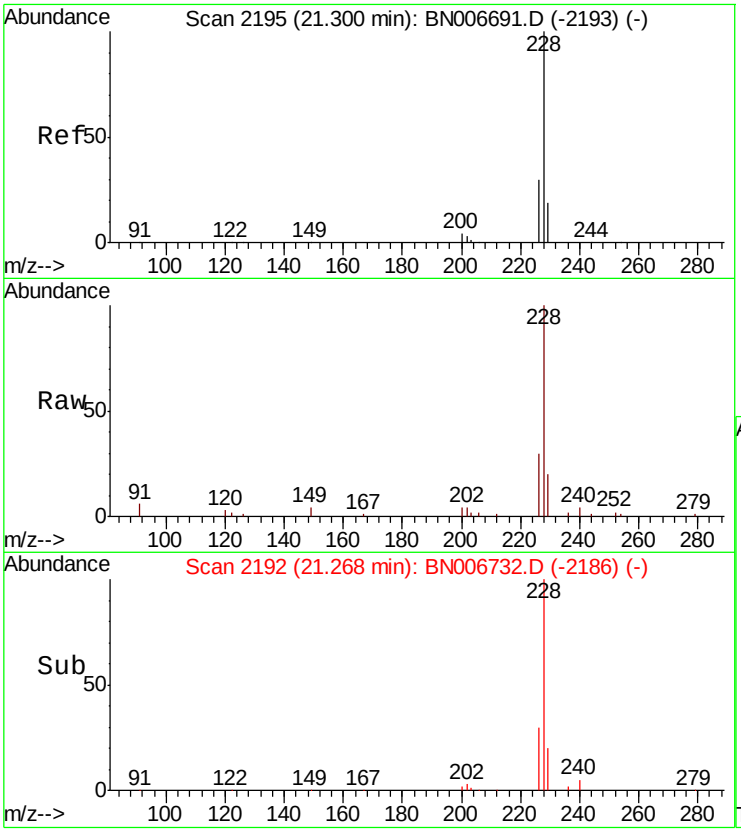


#30
Benzo(a)anthracene
Concen: 0.363 ng
RT: 21.22 min Scan# 2187
Delta R.T. -0.03 min
Lab File: BN006732.D
Acq: 06 Jul 2019 01:13

Tgt Ion:228 Resp: 16486

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.5	32.3
229	20.1	16.2	24.4



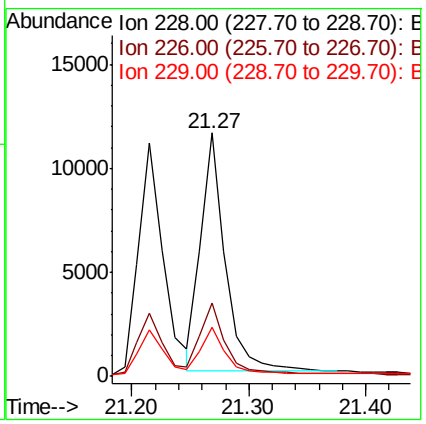


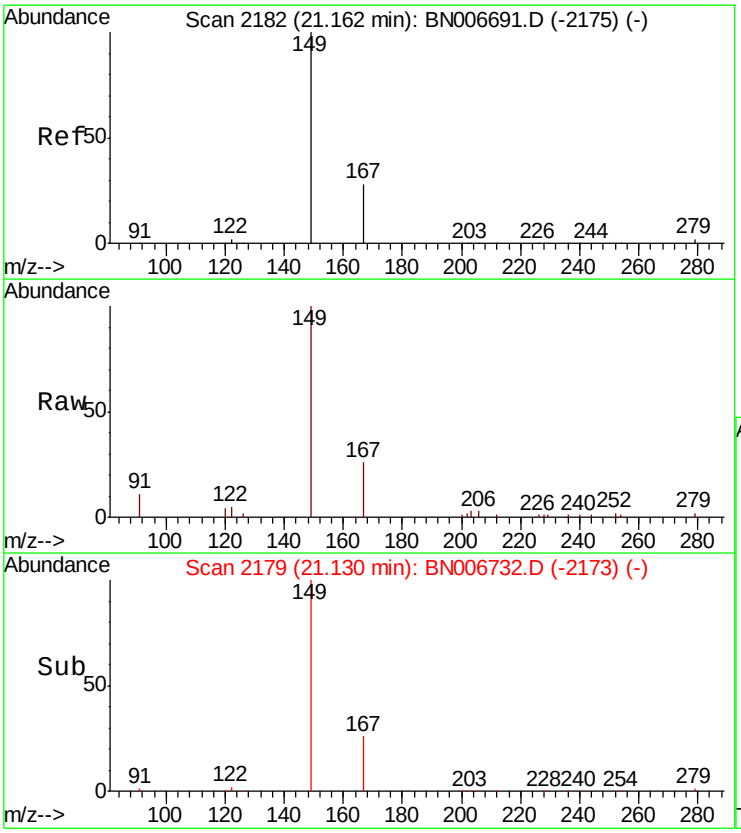
#31
Chrysene
Concen: 0.360 ng
RT: 21.27 min Scan# 2192
Delta R.T. -0.03 min
Lab File: BN006732.D
Acq: 06 Jul 2019 01:13

Instrument :
BNA_N
ClientSampleId :
PB120991BS

Tgt Ion:228 Resp: 16874

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.2	36.2
229	20.0	15.8	23.6

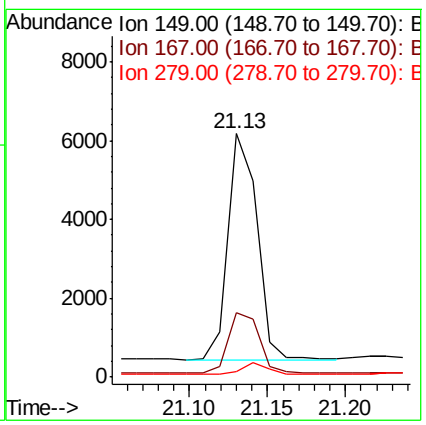


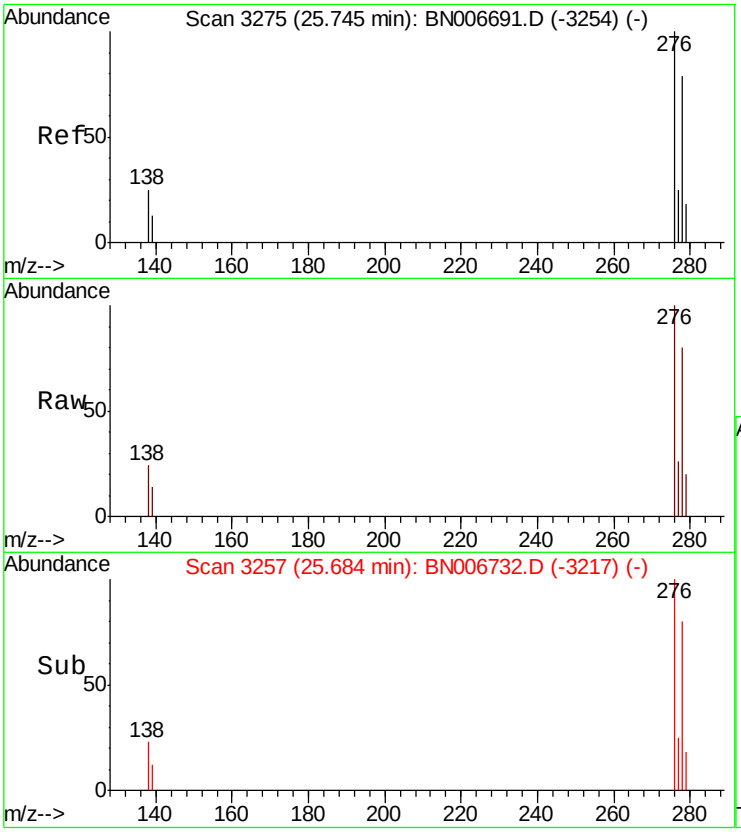


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.055 ng
RT: 21.13 min Scan# 2179
Delta R.T. -0.03 min
Lab File: BN006732.D
Acq: 06 Jul 2019 01:13

Tgt Ion:149 Resp: 7423

Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.9	34.3
279	4.5	3.2	4.8



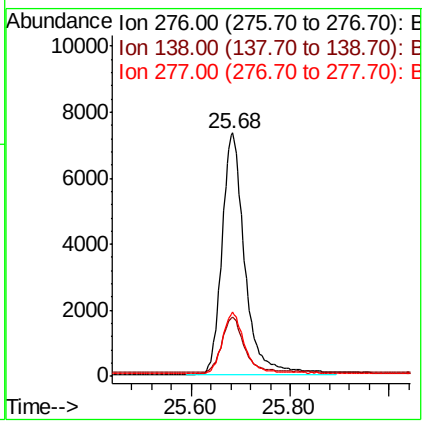


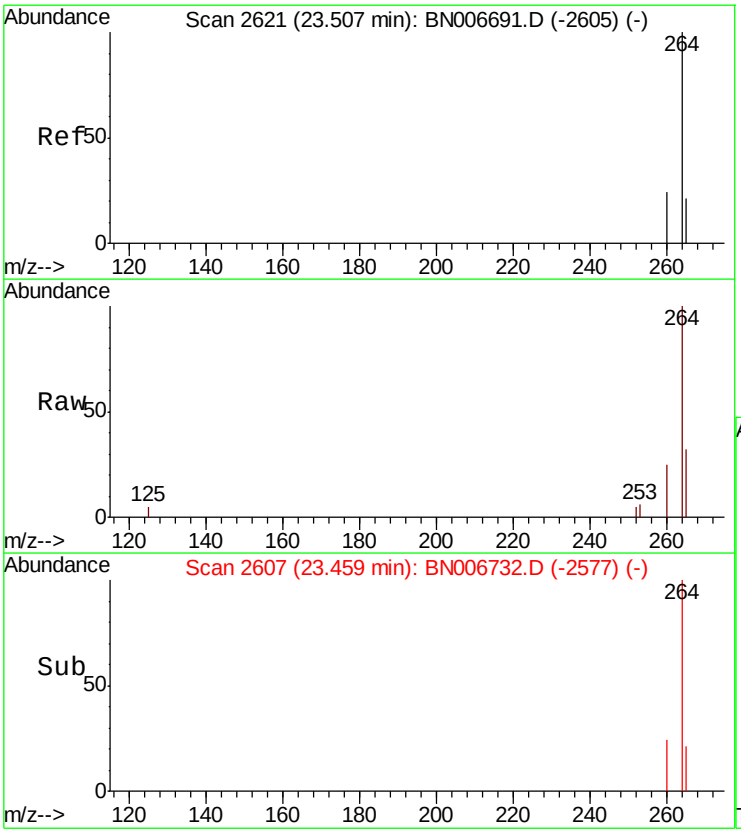
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.414 ng
RT: 25.68 min Scan# 3257
Delta R.T. -0.06 min
Lab File: BN006732.D
Acq: 06 Jul 2019 01:13

Instrument :
BNA_N
ClientSampleId :
PB120991BS

Tgt Ion:276 Resp: 23198

Ion	Ratio	Lower	Upper
276	100		
138	22.6	19.5	29.3
277	24.6	19.7	29.5

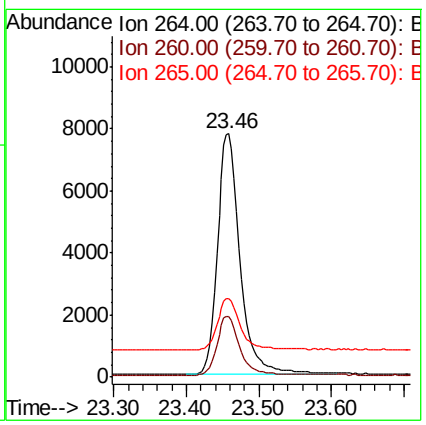


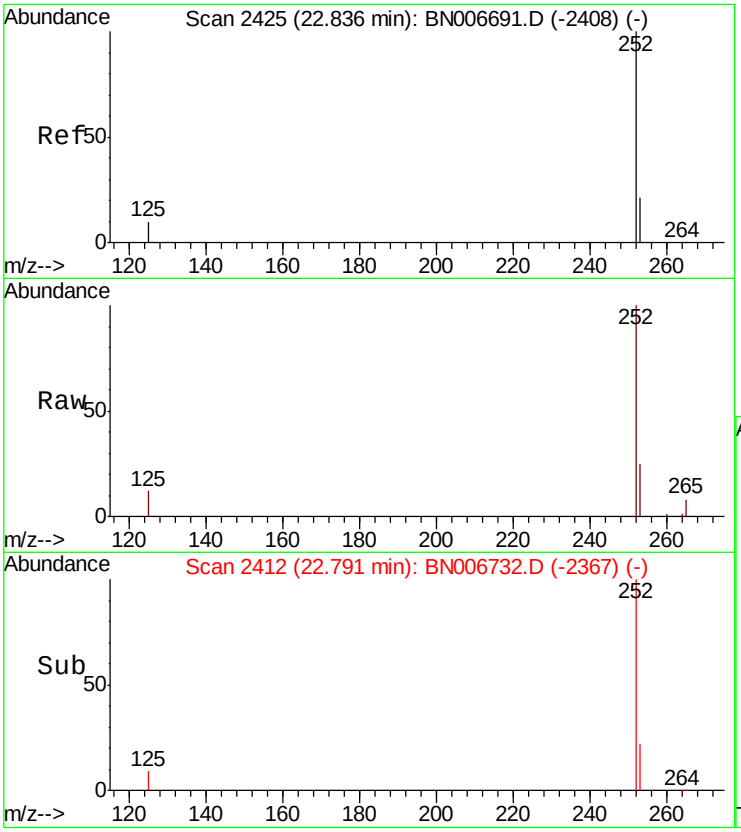


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.46 min Scan# 2607
Delta R.T. -0.05 min
Lab File: BN006732.D
Acq: 06 Jul 2019 01:13

Tgt Ion:264 Resp: 17011

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.2	30.2
265	32.3	33.7	50.5#



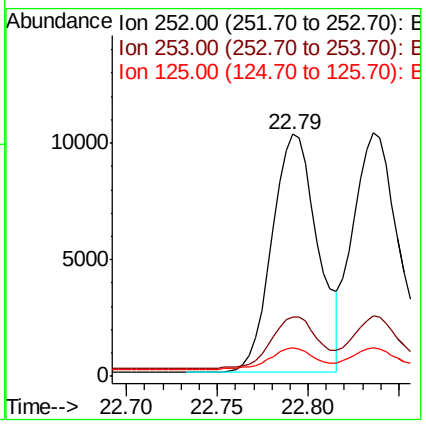


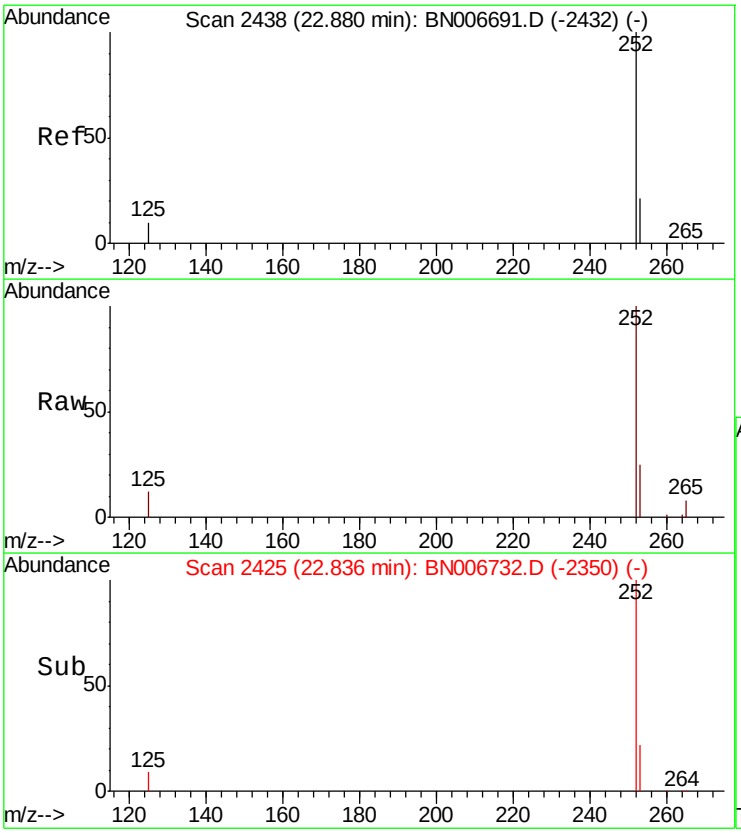
#35
Benzo(b)fluoranthene
Concen: 0.327 ng
RT: 22.79 min Scan# 2412
Delta R.T. -0.04 min
Lab File: BN006732.D
Acq: 06 Jul 2019 01:13

Instrument :
BNA_N
ClientSampleId :
PB120991BS

Tgt Ion:252 Resp: 17860

Ion	Ratio	Lower	Upper
252	100		
253	24.5	20.2	30.2
125	11.9	11.5	17.3

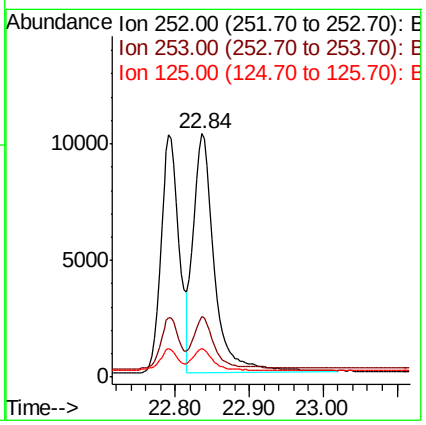


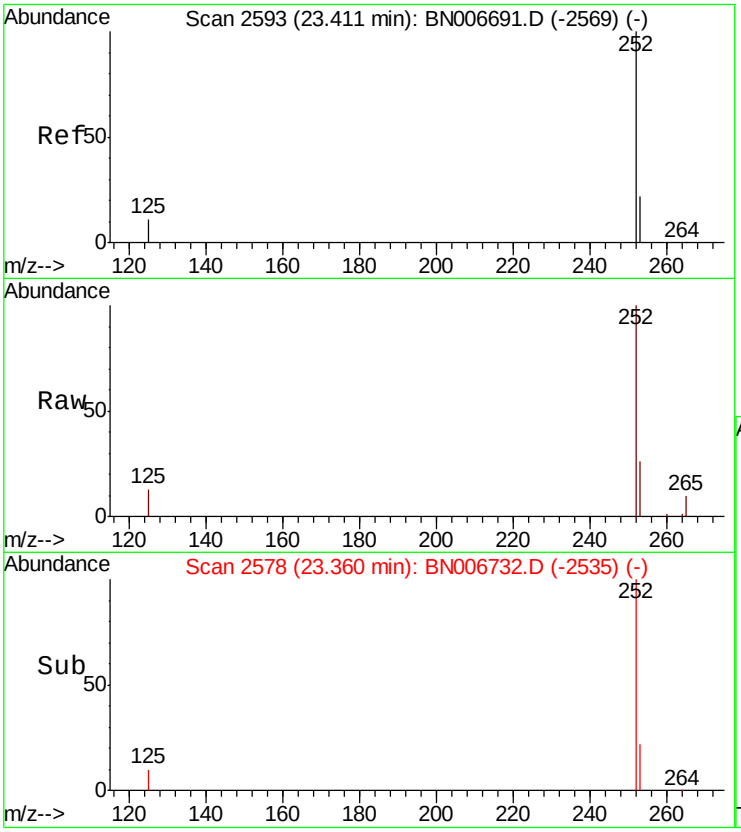


#36
Benzo(k)fluoranthene
Concen: 0.338 ng
RT: 22.84 min Scan# 2425
Delta R.T. -0.04 min
Lab File: BN006732.D
Acq: 06 Jul 2019 01:13

Tgt Ion:252 Resp: 20029

Ion	Ratio	Lower	Upper
252	100		
253	24.7	20.1	30.1
125	11.6	11.4	17.0



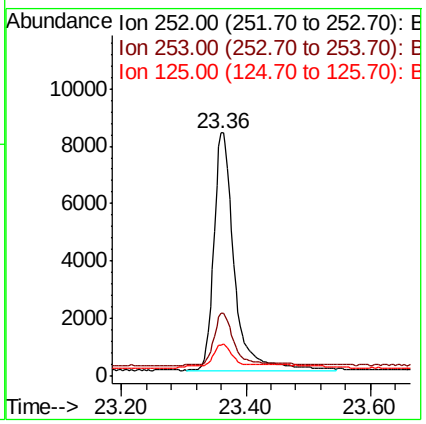


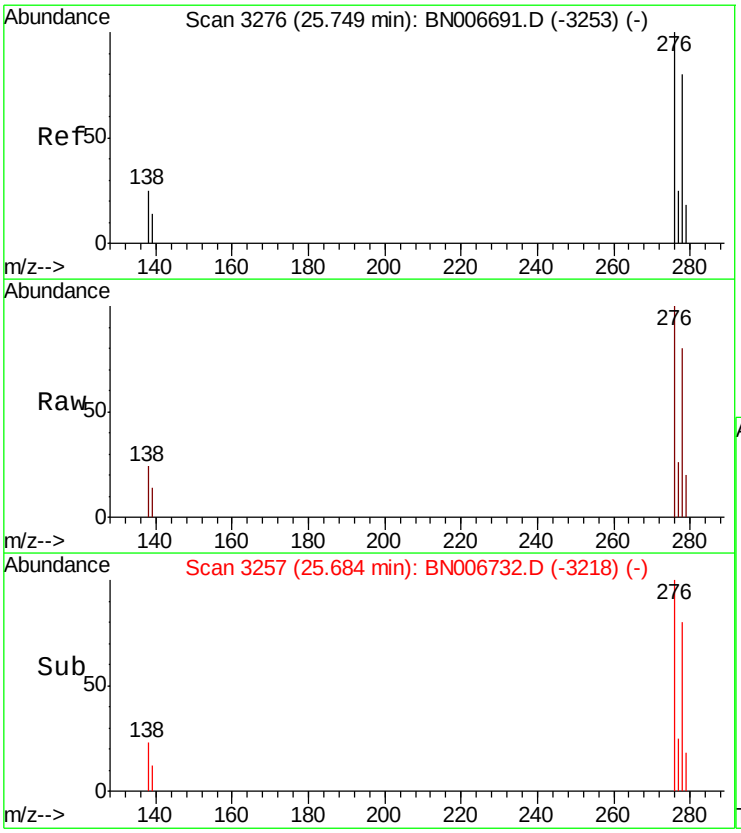
#37
Benzo(a)pyrene
Concen: 0.354 ng
RT: 23.36 min Scan# 2578
Delta R.T. -0.05 min
Lab File: BN006732.D
Acq: 06 Jul 2019 01:13

Instrument :
BNA_N
ClientSampleId :
PB120991BS

Tgt Ion:252 Resp: 18722

Ion	Ratio	Lower	Upper
252	100		
253	25.7	21.4	32.2
125	13.0	13.3	19.9#

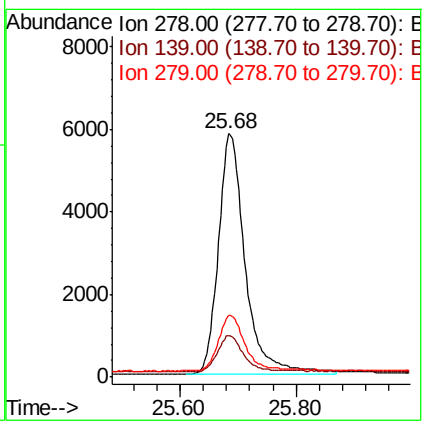


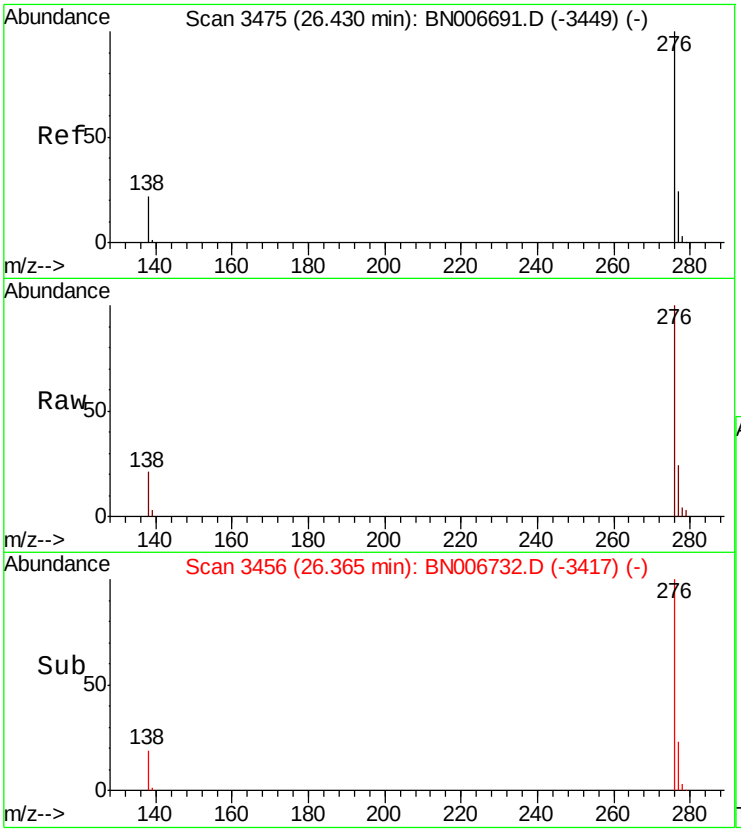


#38
Dibenzo(a,h)anthracene
Concen: 0.356 ng
RT: 25.68 min Scan# 3257
Delta R.T. -0.07 min
Lab File: BN006732.D
Acq: 06 Jul 2019 01:13

Tgt Ion:278 Resp: 18728

Ion	Ratio	Lower	Upper
278	100		
139	17.0	16.2	24.4
279	25.3	20.7	31.1





#39
Benzo(g,h,i)perylene
Concen: 0.374 ng
RT: 26.36 min Scan# 3456
Delta R.T. -0.07 min
Lab File: BN006732.D
Acq: 06 Jul 2019 01:13

Instrument :
BNA_N
ClientSampleId :
PB120991BS

Tgt Ion:276 Resp: 20230

Ion	Ratio	Lower	Upper
276	100		
277	24.2	20.6	30.8
138	21.0	19.7	29.5