Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070519\
Data File : BN006735.D
Acq On : 06 Jul 2019 02:58
Operator : HP/JU
Sample : PB121057BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB121057BS

Quant Time: Jul 06 05:12:59 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

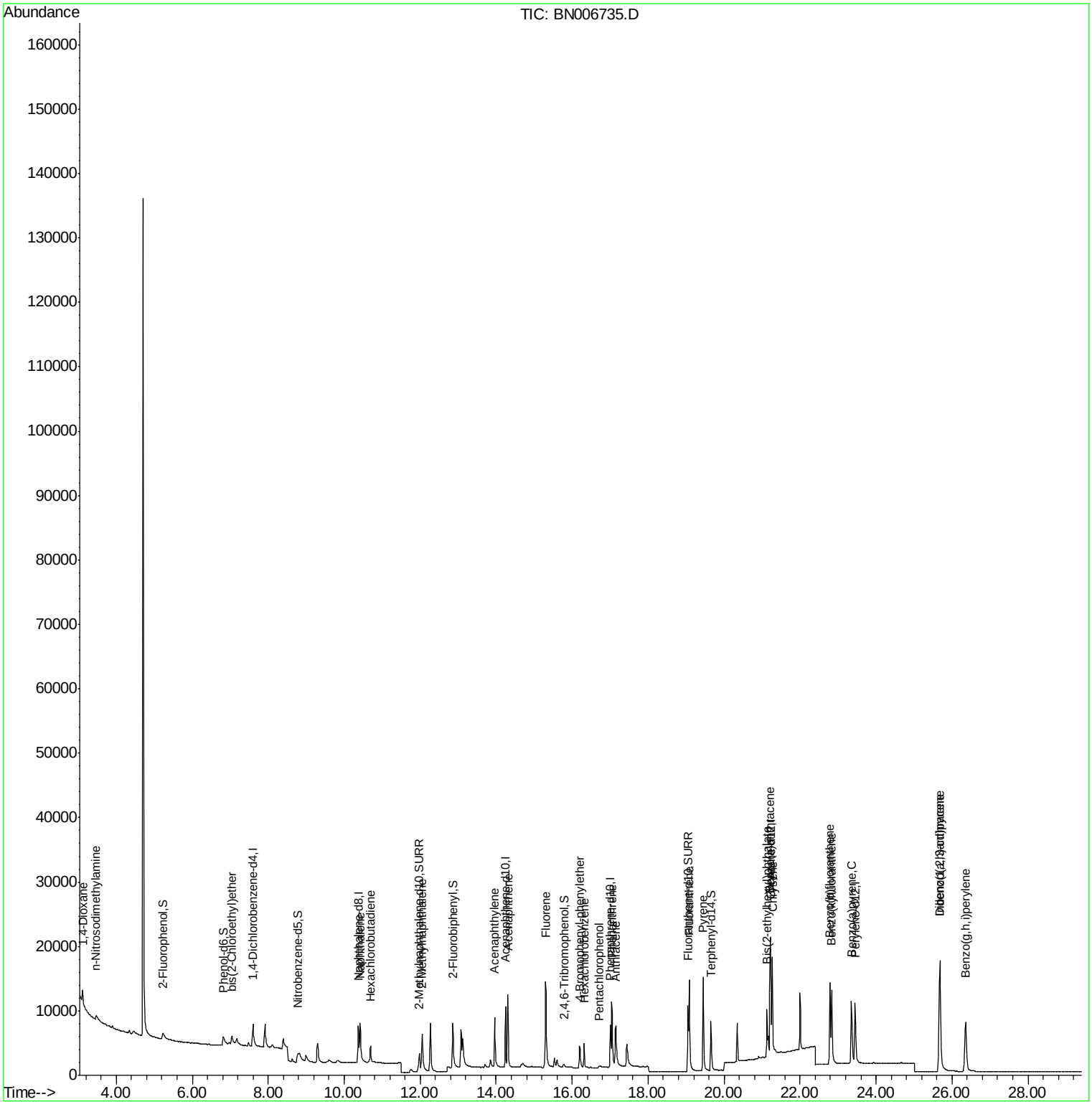
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	2703	0.40	ng		-0.02
7) Naphthalene-d8	10.36	136	10277	0.40	ng		-0.03
13) Acenaphthene-d10	14.24	164	5735	0.40	ng		-0.02
19) Phenanthrene-d10	17.00	188	12427	0.40	ng		-0.02
27) Chrysene-d12	21.23	240	11794	0.40	ng		-0.03
34) Perylene-d12	23.45	264	14080	0.40	ng		-0.05
System Monitoring Compounds							
4) 2-Fluorophenol	5.24	112	2293	0.31	ng		0.00
5) Phenol-d6	6.81	99	3151	0.34	ng		-0.02
8) Nitrobenzene-d5	8.78	82	2624	0.33	ng		-0.01
11) 2-Methylnaphthalene-d10	11.98	152	7995	0.52	ng		-0.02
14) 2,4,6-Tribromophenol	15.78	330	727	0.26	ng		-0.01
15) 2-Fluorobiphenyl	12.86	172	8597	0.38	ng		-0.02
25) Fluoranthene-d10	19.05	212	13743	0.39	ng		-0.02
29) Terphenyl-d14	19.66	244	10344	0.38	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	1244	0.294	ng	#	1
3) n-Nitrosodimethylamine	3.46	42	1208	0.379	ng	#	78
6) bis(2-Chloroethyl)ether	7.04	93	2619	0.334	ng		94
9) Naphthalene	10.42	128	10563	0.376	ng		99
10) Hexachlorobutadiene	10.69	225	2072	0.364	ng	#	98
12) 2-Methylnaphthalene	12.05	142	6781	0.335	ng		99
16) Acenaphthylene	13.96	152	10201	0.357	ng		99
17) Acenaphthene	14.31	154	6756	0.371	ng		99
18) Fluorene	15.30	166	8232	0.364	ng		99
20) 4-Bromophenyl-phenylether	16.20	248	2512	0.343	ng	#	89
21) Hexachlorobenzene	16.32	284	3337	0.383	ng		99
22) Pentachlorophenol	16.72	266	591	0.596	ng		99
23) Phenanthrene	17.05	178	12695	0.354	ng		100
24) Anthracene	17.15	178	10946	0.338	ng		99
26) Fluoranthene	19.09	202	15634	0.372	ng		100
28) Pyrene	19.45	202	16102	0.341	ng		100
30) Benzo(a)anthracene	21.22	228	14053	0.345	ng		100
31) Chrysene	21.27	228	15811	0.377	ng		99
32) Bis(2-ethylhexyl)phthalate	21.13	149	6207	0.051	ng	#	100
33) Indeno(1,2,3-cd)pyrene	25.68	276	21693	0.433	ng		98
35) Benzo(b)fluoranthene	22.79	252	15924	0.352	ng		97
36) Benzo(k)fluoranthene	22.83	252	18869	0.385	ng		97
37) Benzo(a)pyrene	23.36	252	17042	0.389	ng	#	96
38) Dibenzo(a,h)anthracene	25.68	278	17434	0.401	ng		97
39) Benzo(g,h,i)perylene	26.36	276	18899	0.422	ng		96

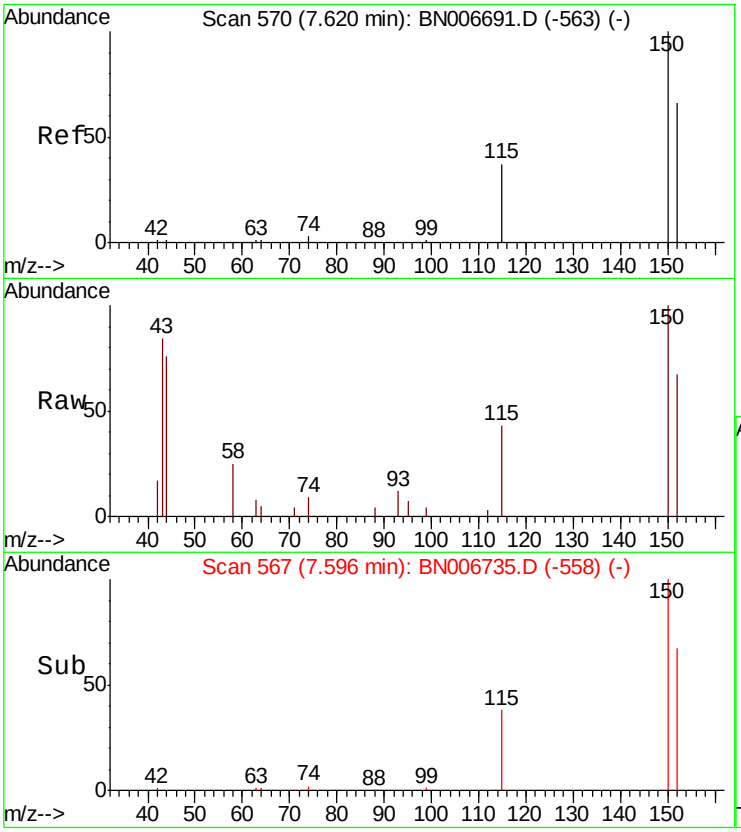
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070519\
Data File : BN006735.D
Acq On : 06 Jul 2019 02:58
Operator : HP/JU
Sample : PB121057BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB121057BS

Quant Time: Jul 06 05:12:59 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



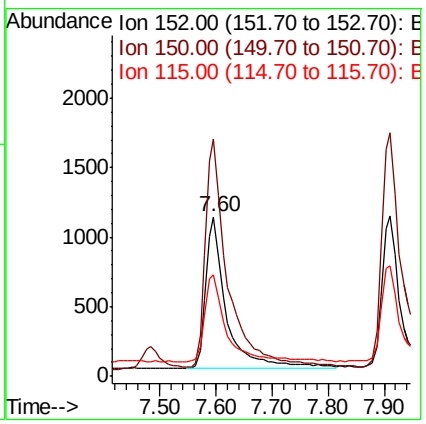


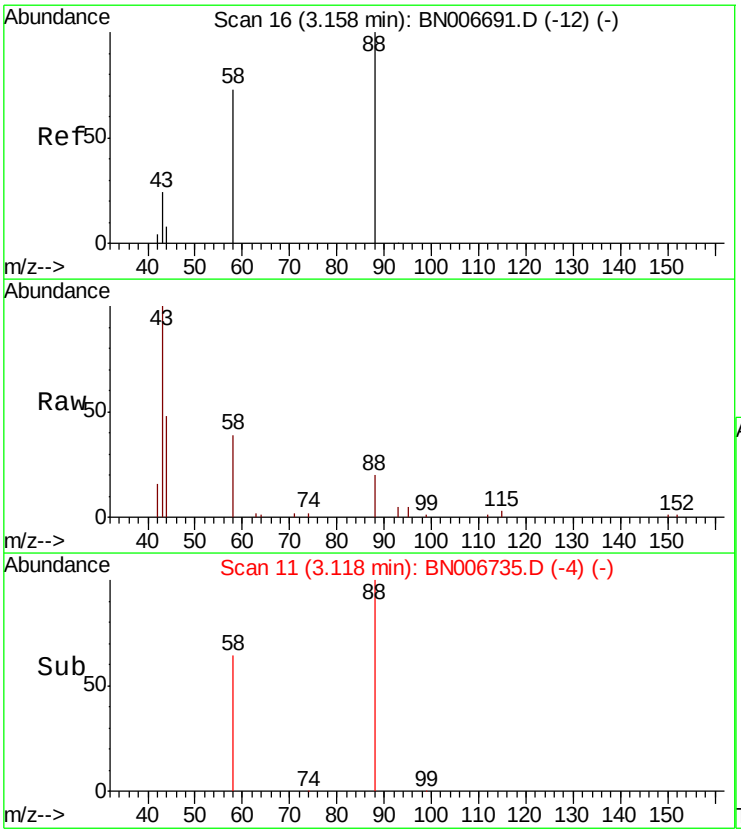
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 567
Delta R.T. -0.02 min
Lab File: BN006735.D
Acq: 06 Jul 2019 02:58

Instrument :
BNA_N
ClientSampleId :
PB121057BS

Tgt Ion:152 Resp: 2703

Ion	Ratio	Lower	Upper
152	100		
150	148.6	120.6	181.0
115	63.4	51.0	76.6

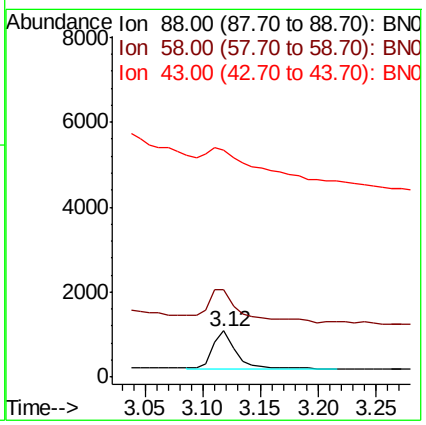


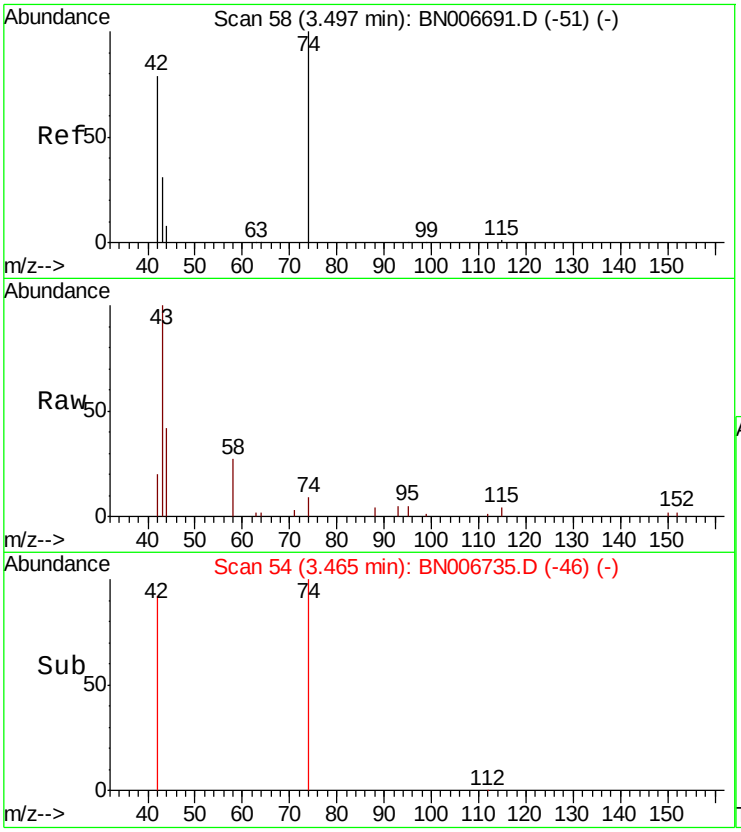


#2
1,4-Dioxane
Concen: 0.294 ng
RT: 3.12 min Scan# 11
Delta R.T. -0.04 min
Lab File: BN006735.D
Acq: 06 Jul 2019 02:58

Tgt Ion: 88 Resp: 1244

Ion	Ratio	Lower	Upper
88	100		
58	119.3	61.1	91.7#
43	169.1	32.4	48.6#



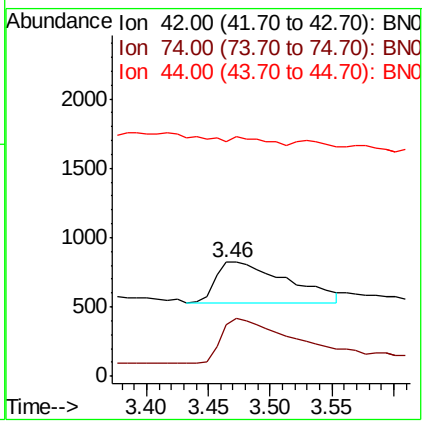


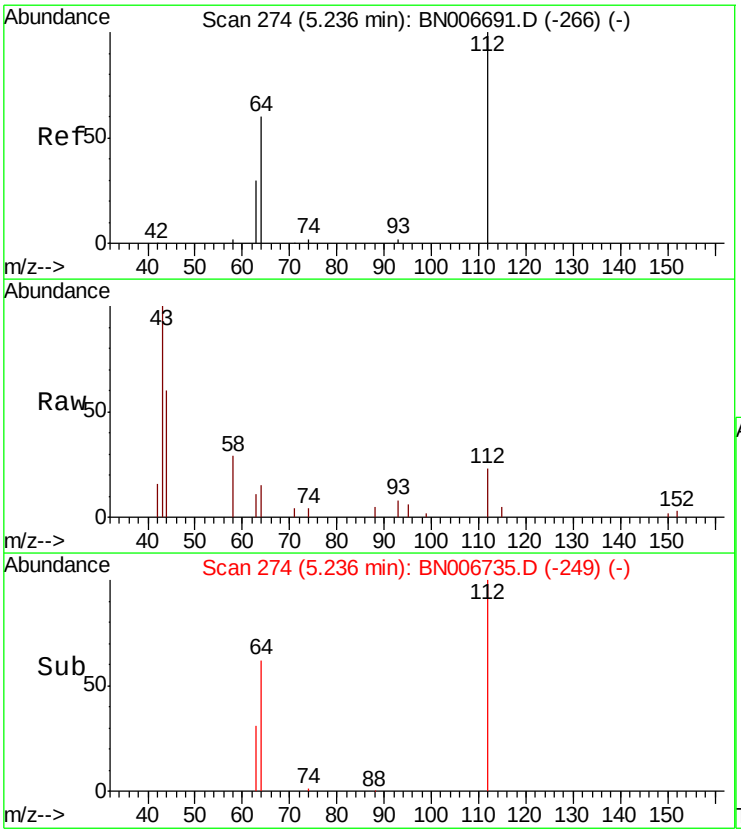
#3
n-Nitrosodimethylamine
Concen: 0.379 ng
RT: 3.46 min Scan# 54
Delta R.T. -0.03 min
Lab File: BN006735.D
Acq: 06 Jul 2019 02:58

Instrument :
BNA_N
ClientSampleId :
PB121057BS

Tgt Ion: 42 Resp: 1208

Ion	Ratio	Lower	Upper
42	100		
74	107.1	106.6	160.0
44	0.0	8.0	12.0#

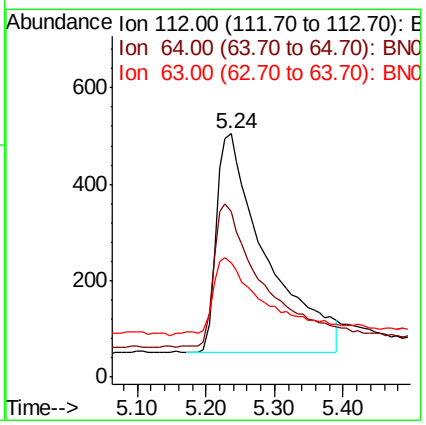


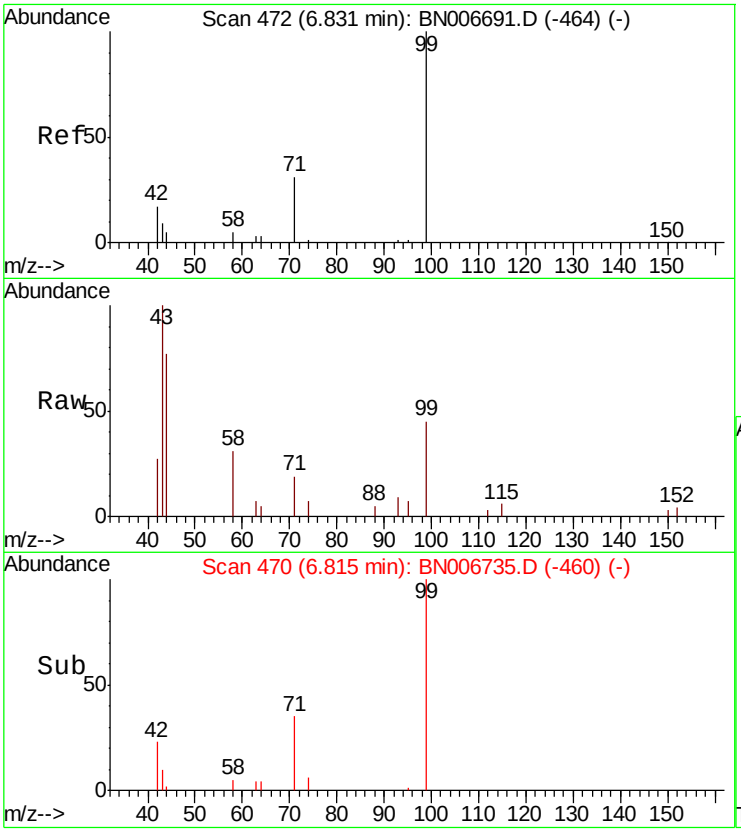


#4
2-Fluorophenol
Concen: 0.312 ng
RT: 5.24 min Scan# 274
Delta R.T. 0.00 min
Lab File: BN006735.D
Acq: 06 Jul 2019 02:58

Tgt Ion:112 Resp: 2293

Ion	Ratio	Lower	Upper
112	100		
64	65.8	49.8	74.6
63	36.1	25.8	38.6



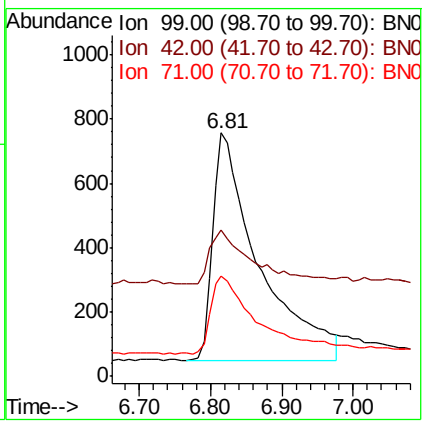


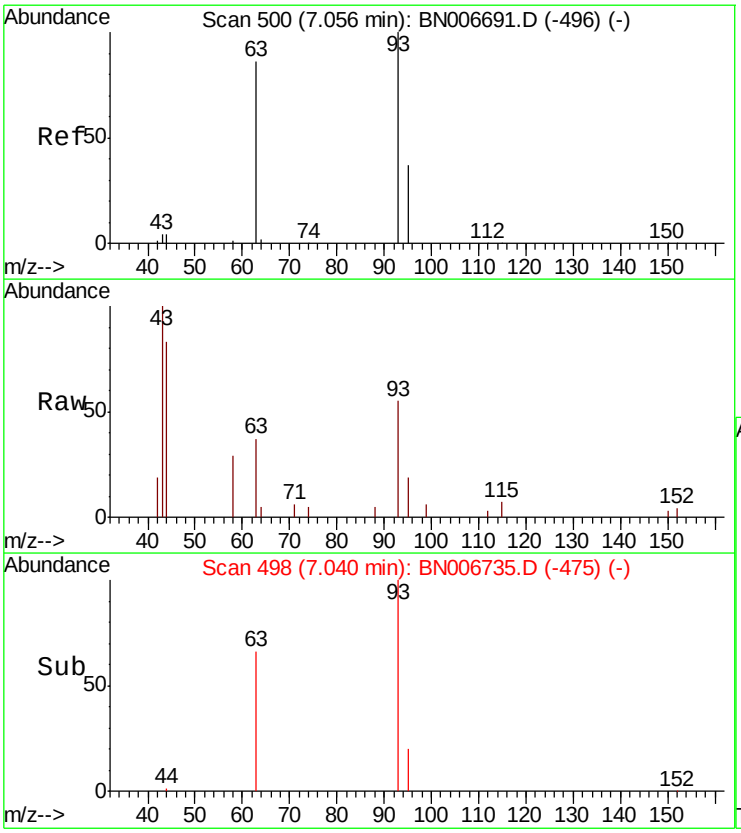
#5
Phenol-d6
Concen: 0.339 ng
RT: 6.81 min Scan# 470
Delta R.T. -0.02 min
Lab File: BN006735.D
Acq: 06 Jul 2019 02:58

Instrument :
BNA_N
ClientSampleId :
PB121057BS

Tgt Ion: 99 Resp: 3151

Ion	Ratio	Lower	Upper
99	100		
42	22.5	16.6	25.0
71	35.8	26.0	39.0

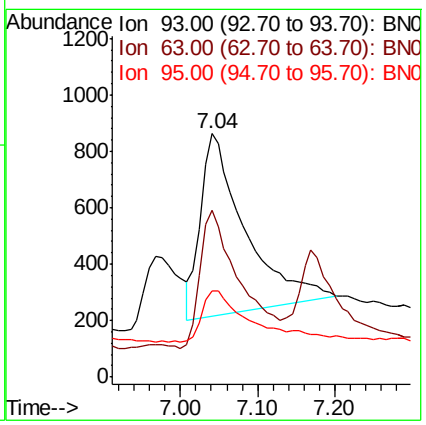


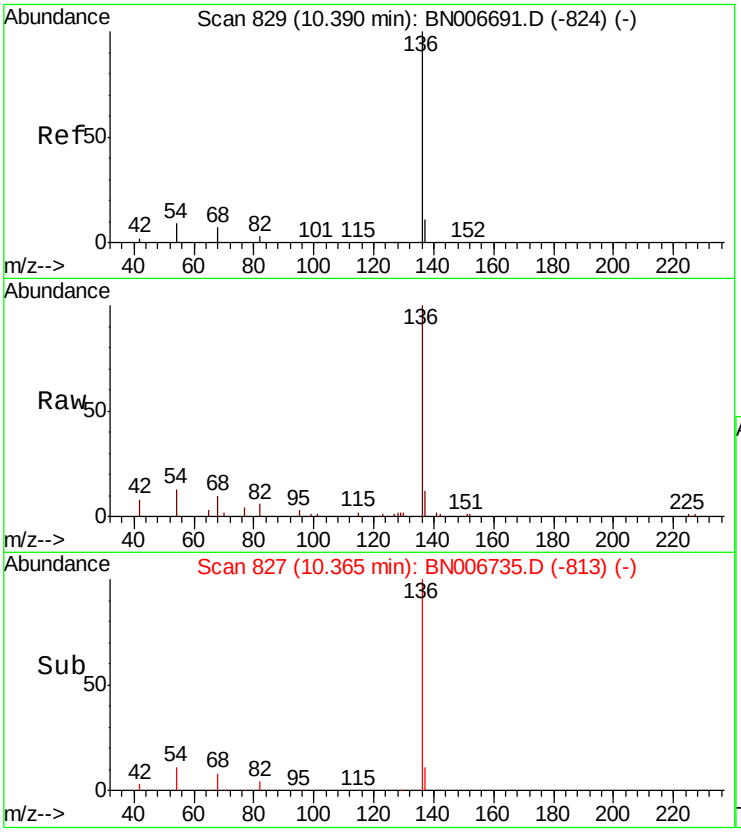


#6
bis(2-Chloroethyl)ether
Concen: 0.334 ng
RT: 7.04 min Scan# 498
Delta R.T. -0.02 min
Lab File: BN006735.D
Acq: 06 Jul 2019 02:58

Tgt Ion: 93 Resp: 2619

Ion	Ratio	Lower	Upper
93	100		
63	67.9	58.6	87.8
95	32.0	28.3	42.5



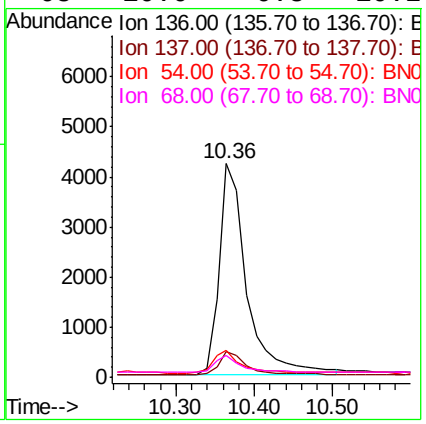


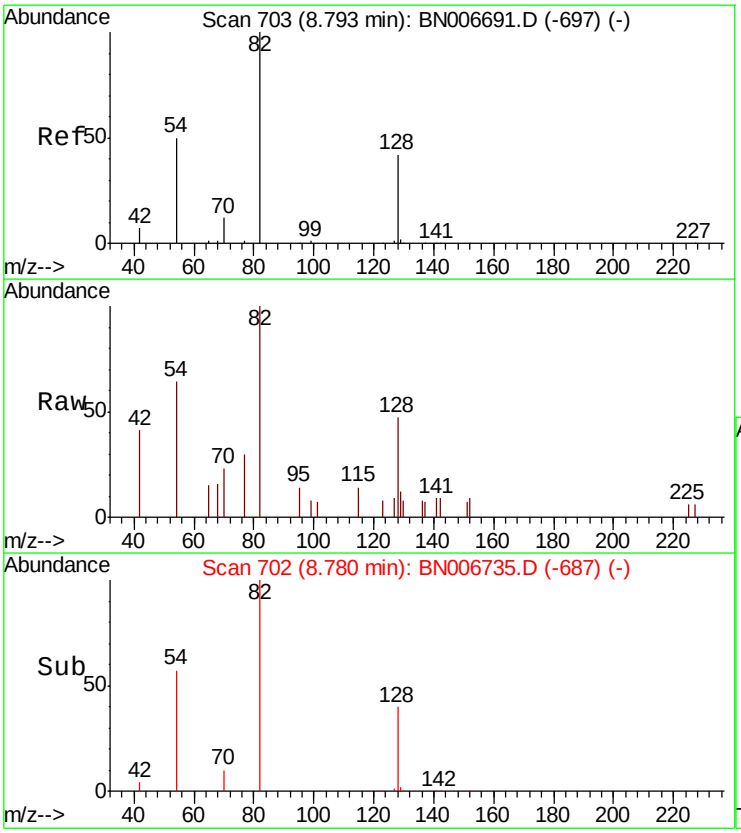
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.36 min Scan# 827
Delta R.T. -0.03 min
Lab File: BN006735.D
Acq: 06 Jul 2019 02:58

Instrument :
BNA_N
ClientSampleId :
PB121057BS

Tgt Ion:136 Resp: 10277

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.3	13.9
54	12.8	8.4	12.6#
68	10.0	6.8	10.2

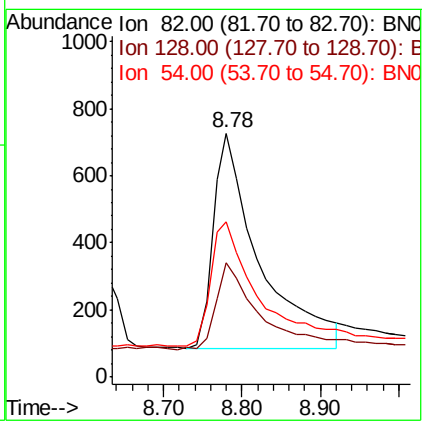


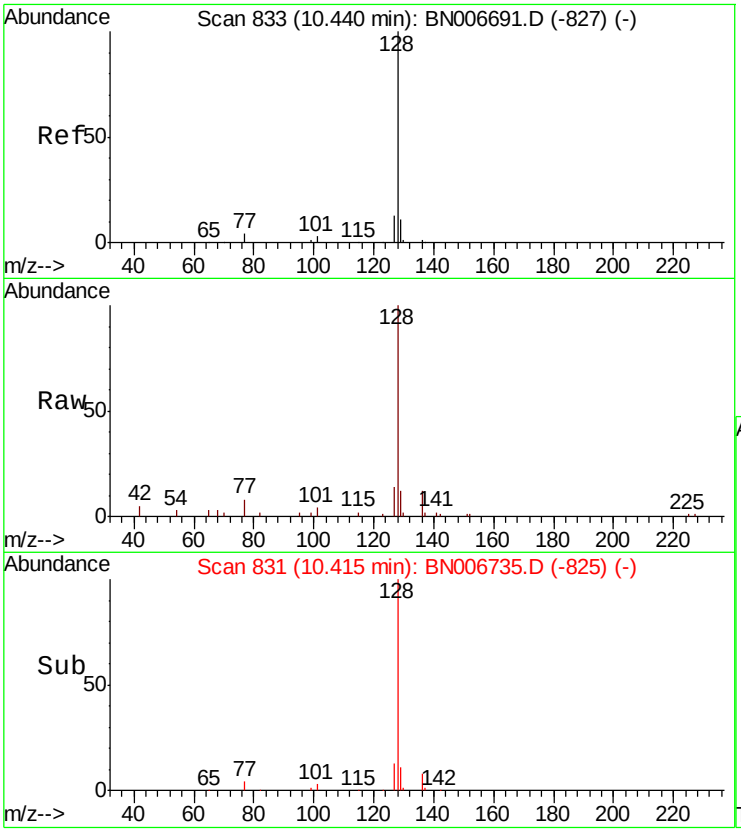


#8
Nitrobenzene-d5
Concen: 0.333 ng
RT: 8.78 min Scan# 702
Delta R.T. -0.01 min
Lab File: BN006735.D
Acq: 06 Jul 2019 02:58

Tgt Ion: 82 Resp: 2624

Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.1	54.1
54	63.8	44.5	66.7



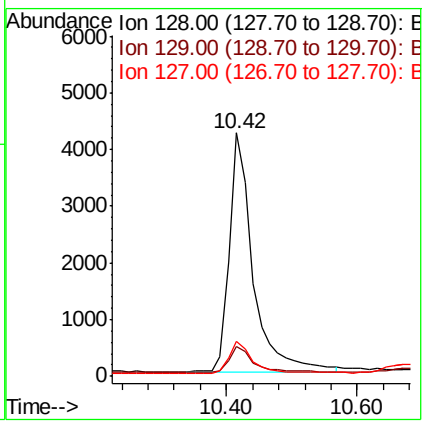


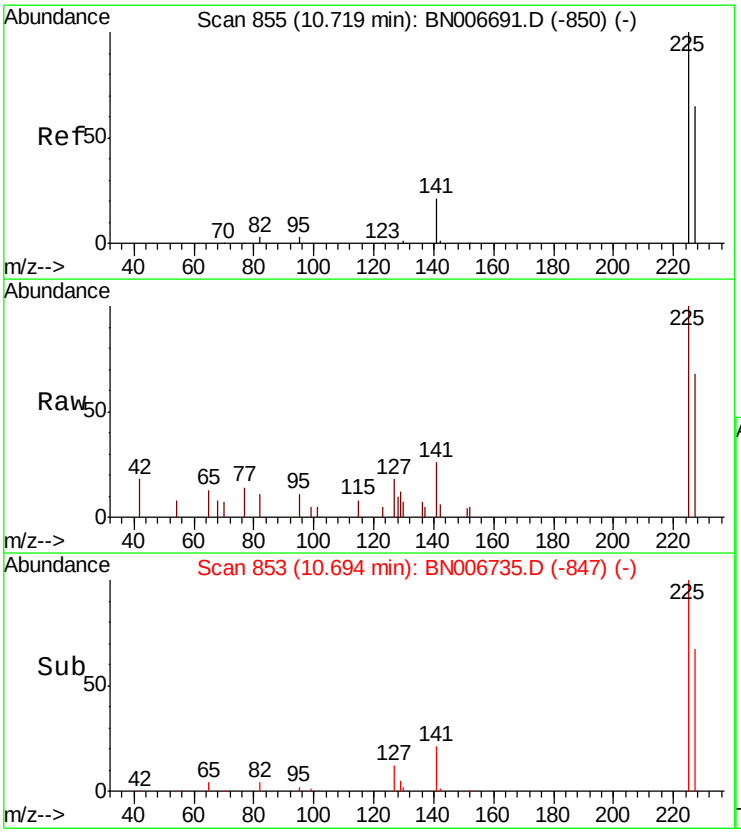
#9
Naphthalene
Concen: 0.376 ng
RT: 10.42 min Scan# 831
Delta R.T. -0.03 min
Lab File: BN006735.D
Acq: 06 Jul 2019 02:58

Instrument :
BNA_N
ClientSampleId :
PB121057BS

Tgt Ion:128 Resp: 10563

Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.6	14.4
127	14.2	11.0	16.4

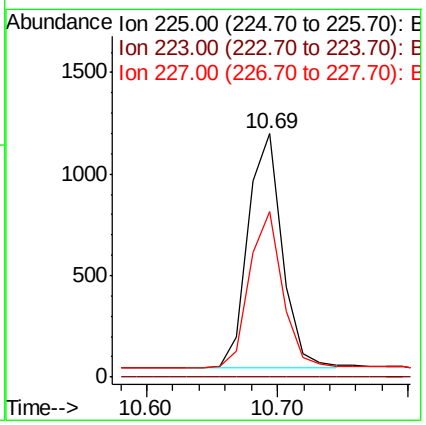


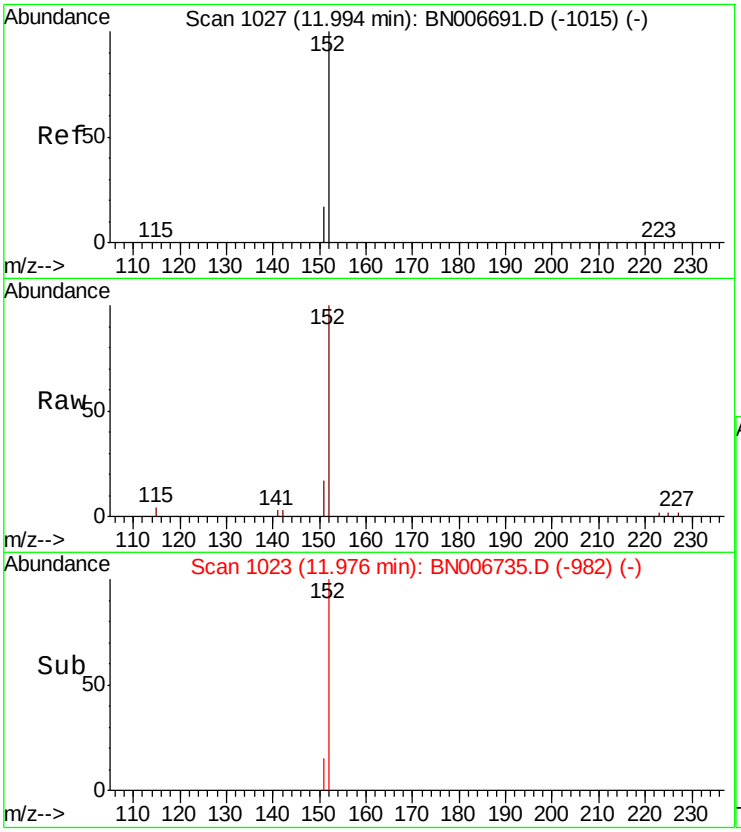


#10
Hexachlorobutadiene
Concen: 0.364 ng
RT: 10.69 min Scan# 853
Delta R.T. -0.03 min
Lab File: BN006735.D
Acq: 06 Jul 2019 02:58

Tgt Ion:225 Resp: 2072

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	65.2	50.9	76.3



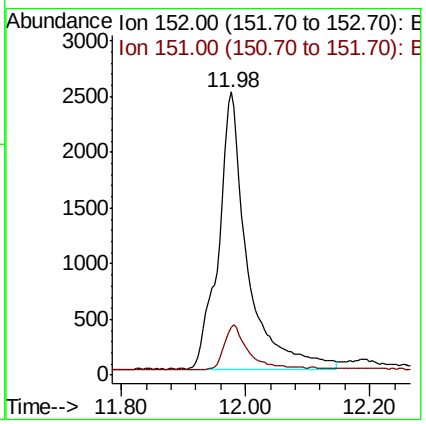


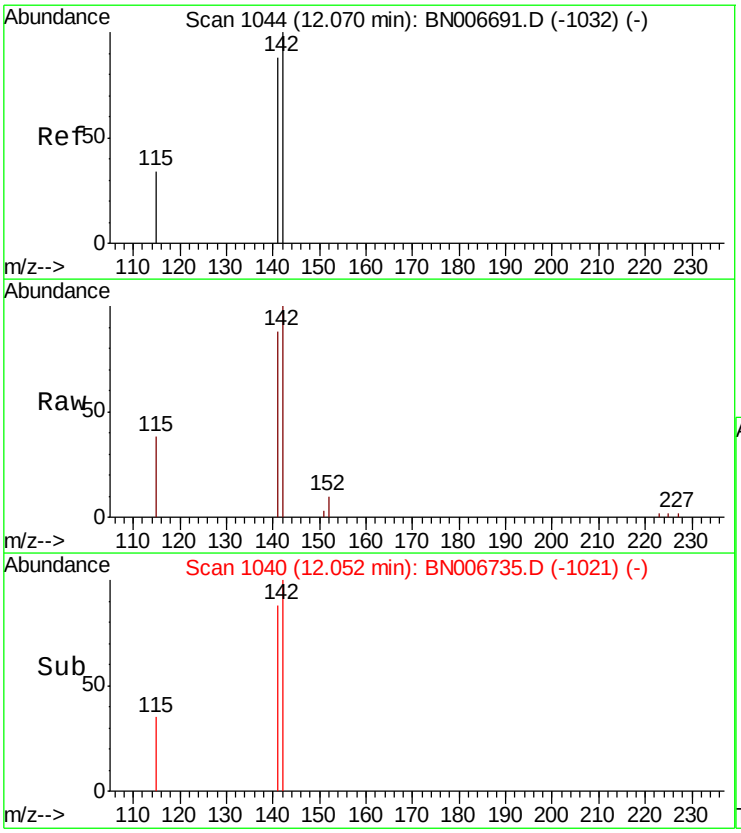
#11
2-Methylnaphthalene-d10
Concen: 0.518 ng
RT: 11.98 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BN006735.D
Acq: 06 Jul 2019 02:58

Instrument :
BNA_N
ClientSampleId :
PB121057BS

Tgt Ion:152 Resp: 7995

Ion	Ratio	Lower	Upper
152	100		
151	13.3	14.9	22.3#

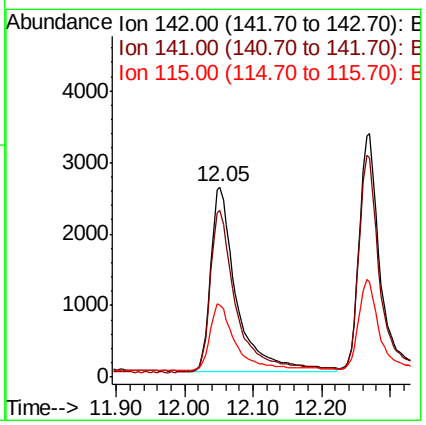


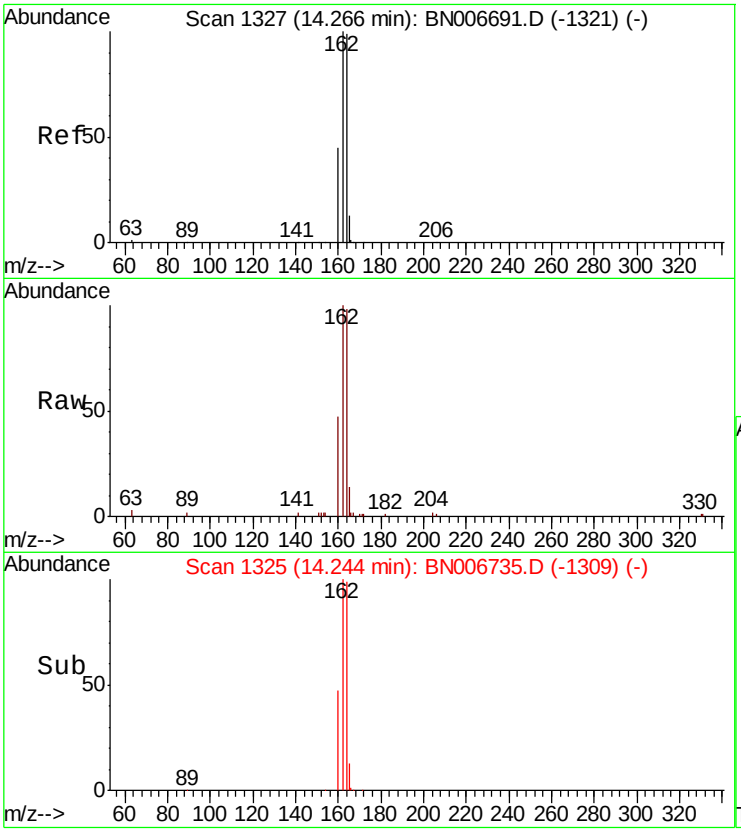


#12
2-Methylnaphthalene
Concen: 0.335 ng
RT: 12.05 min Scan# 1040
Delta R.T. -0.02 min
Lab File: BN006735.D
Acq: 06 Jul 2019 02:58

Tgt Ion:142 Resp: 6781

Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.3	105.5
115	37.8	28.9	43.3



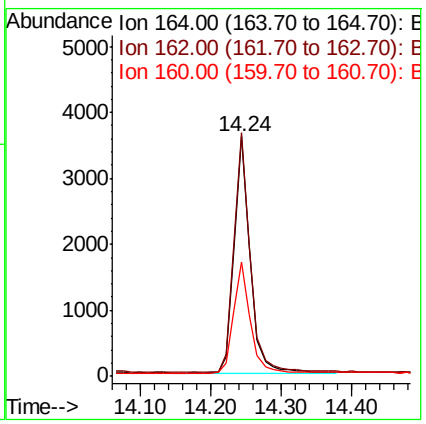


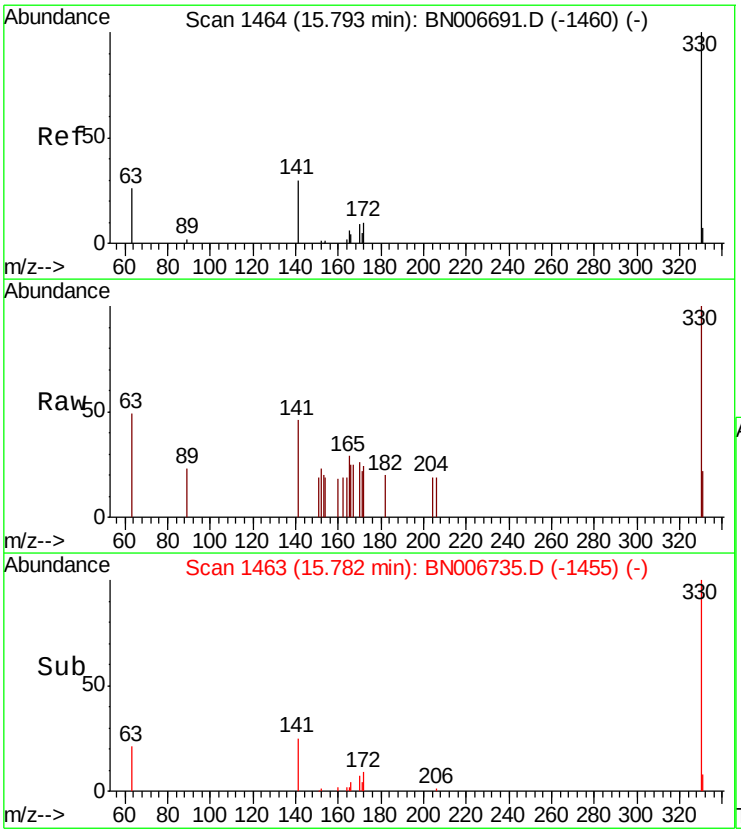
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.24 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BN006735.D
Acq: 06 Jul 2019 02:58

Instrument :
BNA_N
ClientSampleId :
PB121057BS

Tgt Ion:164 Resp: 5735

Ion	Ratio	Lower	Upper
164	100		
162	101.6	80.8	121.2
160	47.7	37.0	55.6

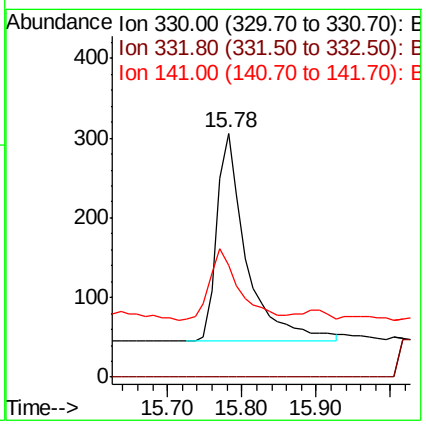


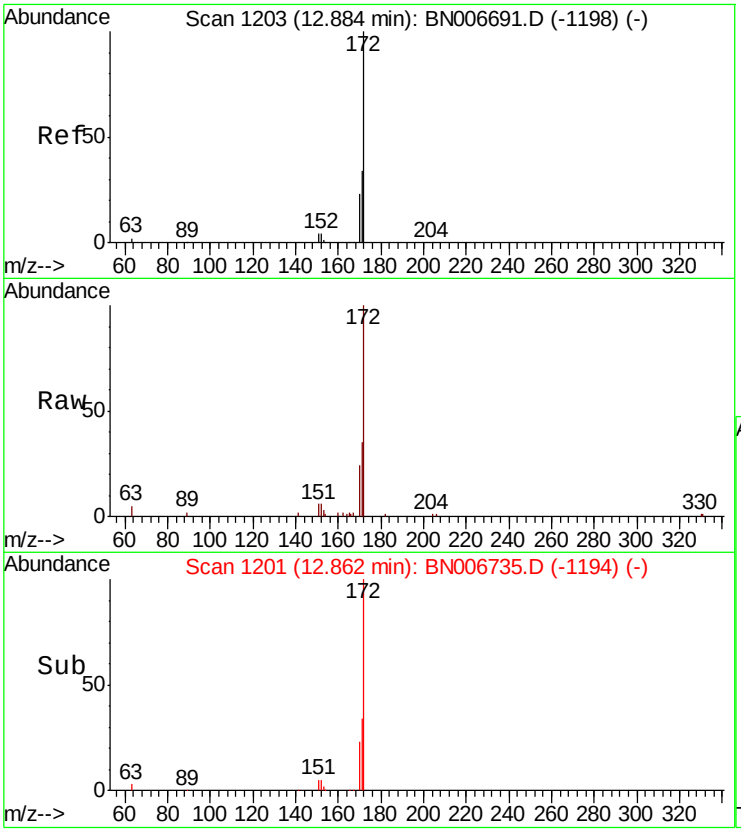


#14
2,4,6-Tribromophenol
Concen: 0.258 ng
RT: 15.78 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BN006735.D
Acq: 06 Jul 2019 02:58

Tgt Ion:330 Resp: 727

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	34.0	24.8	37.2



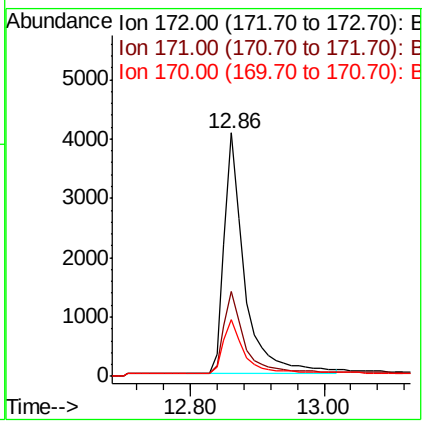


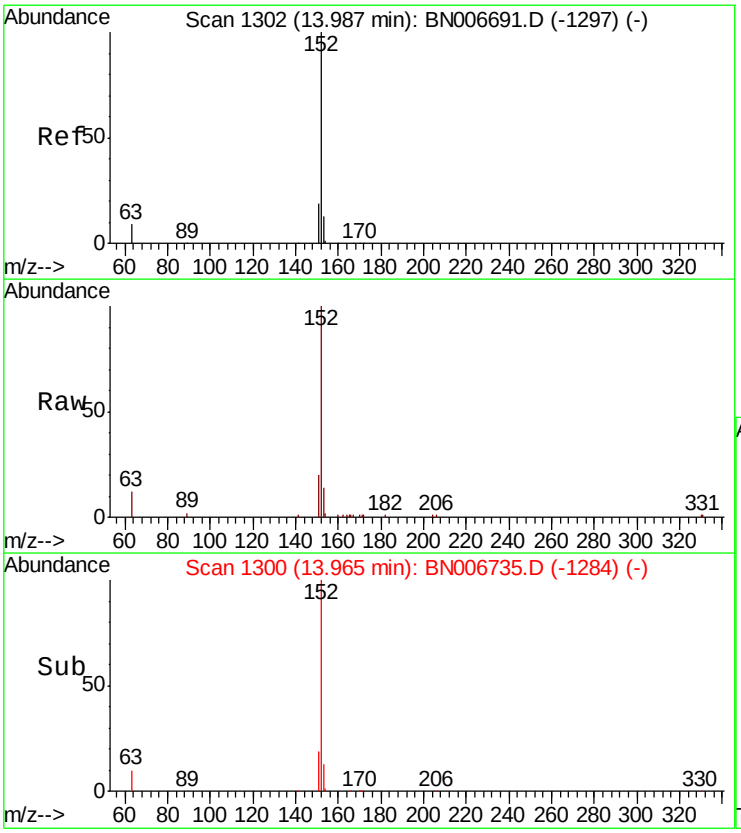
#15
2-Fluorobiphenyl
Concen: 0.383 ng
RT: 12.86 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BN006735.D
Acq: 06 Jul 2019 02:58

Instrument :
BNA_N
ClientSampleId :
PB121057BS

Tgt Ion:172 Resp: 8597

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.8	41.6
170	23.5	18.9	28.3

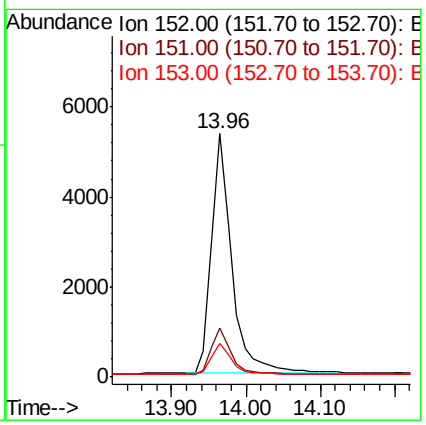


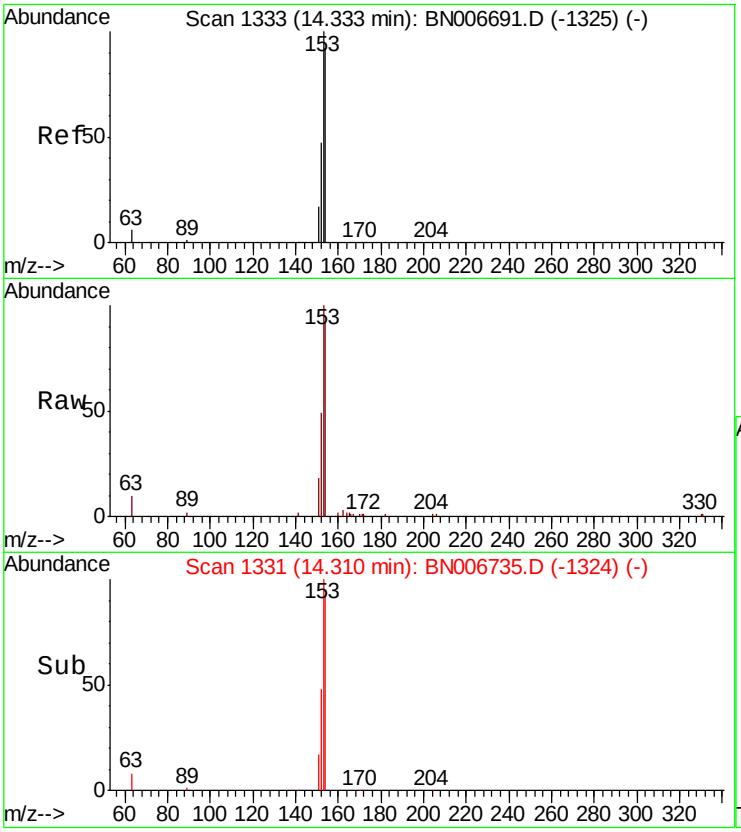


#16
Acenaphthylene
Concen: 0.357 ng
RT: 13.96 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BN006735.D
Acq: 06 Jul 2019 02:58

Tgt Ion:152 Resp: 10201

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.7	23.5
153	13.1	10.6	15.8



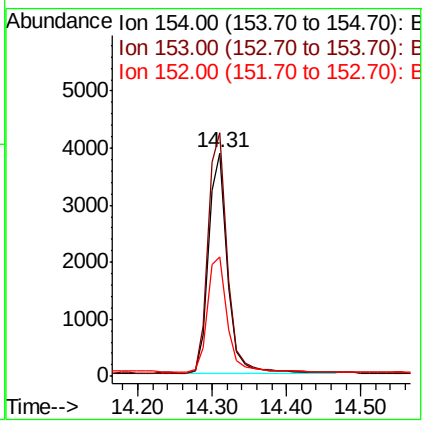


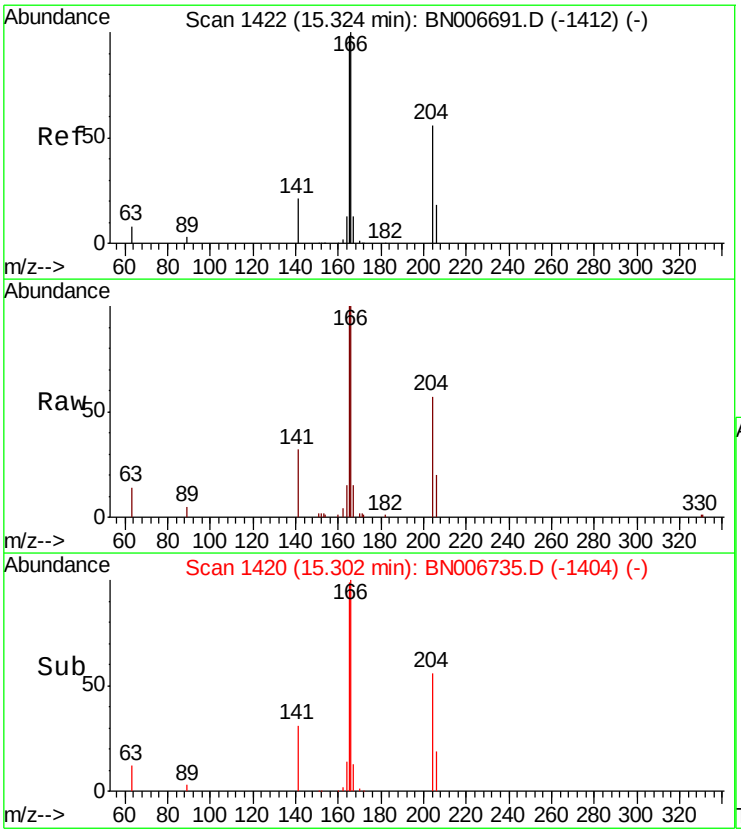
#17
Acenaphthene
Concen: 0.371 ng
RT: 14.31 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BN006735.D
Acq: 06 Jul 2019 02:58

Instrument :
BNA_N
ClientSampleId :
PB121057BS

Tgt Ion:154 Resp: 6756

Ion	Ratio	Lower	Upper
154	100		
153	111.9	88.9	133.3
152	54.4	42.8	64.2

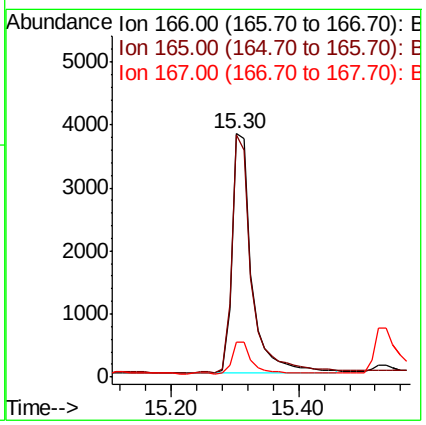


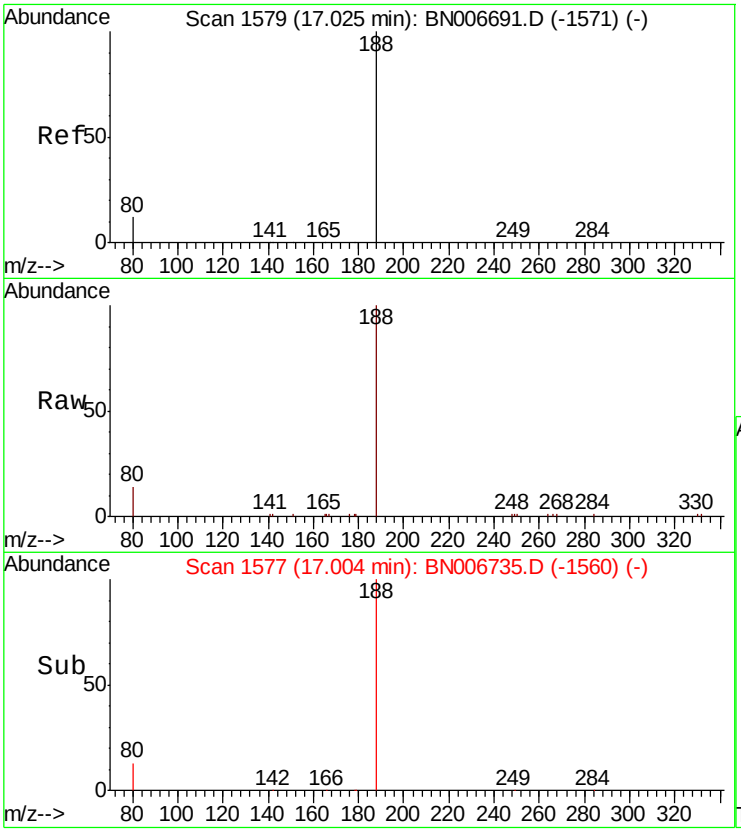


#18
Fluorene
Concen: 0.364 ng
RT: 15.30 min Scan# 1420
Delta R.T. -0.02 min
Lab File: BN006735.D
Acq: 06 Jul 2019 02:58

Tgt Ion:166 Resp: 8232

Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.0	117.0
167	13.5	10.7	16.1



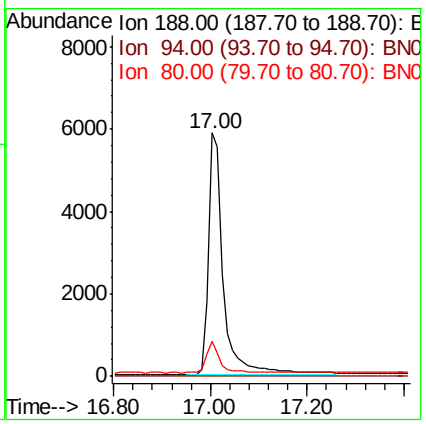


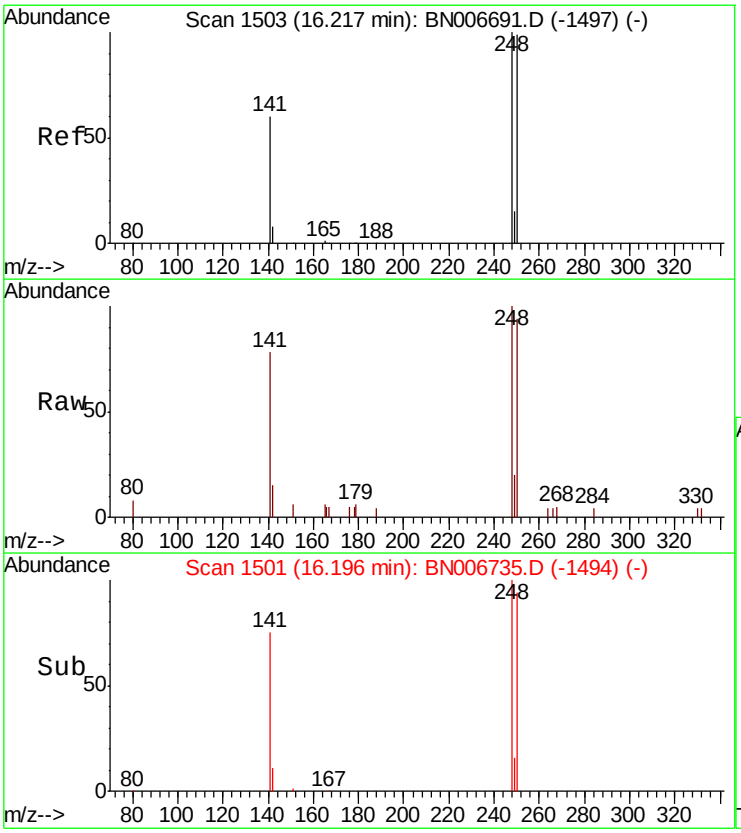
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.00 min Scan# 1577
Delta R.T. -0.02 min
Lab File: BN006735.D
Acq: 06 Jul 2019 02:58

Instrument :
BNA_N
ClientSampleId :
PB121057BS

Tgt Ion:188 Resp: 12427

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.5	10.3	15.5

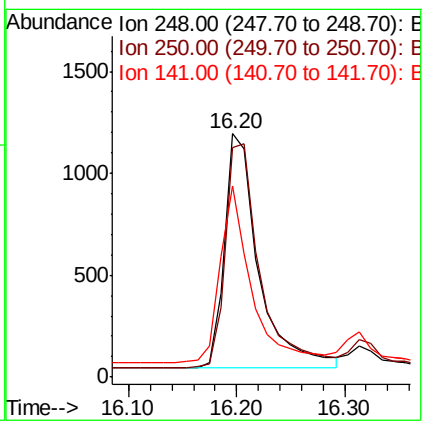


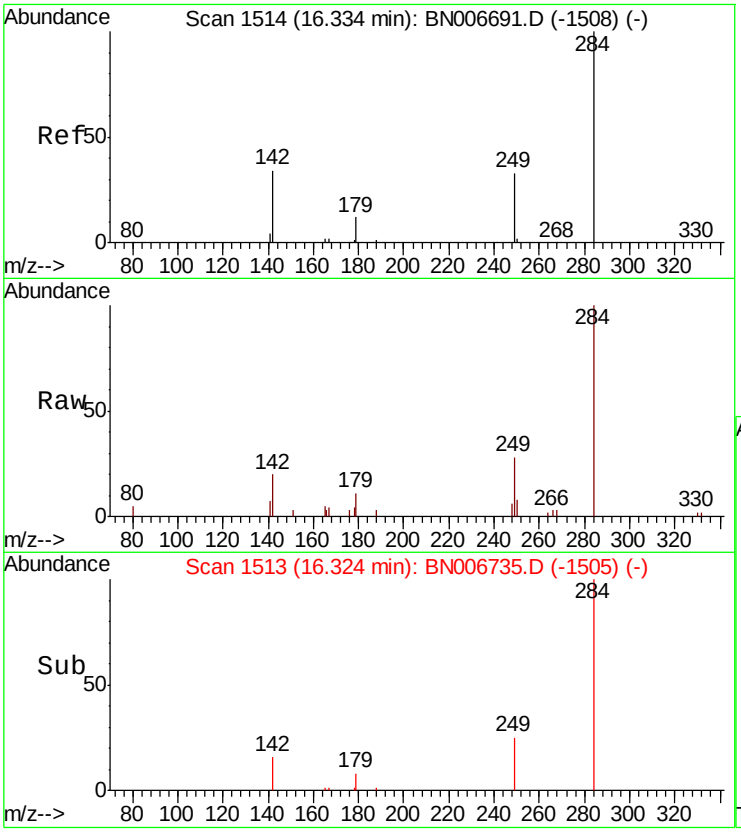


#20
4-Bromophenyl-phenylether
Concen: 0.343 ng
RT: 16.20 min Scan# 1501
Delta R.T. -0.02 min
Lab File: BN006735.D
Acq: 06 Jul 2019 02:58

Tgt Ion:248 Resp: 2512

Ion	Ratio	Lower	Upper
248	100		
250	94.2	79.0	118.6
141	78.4	50.2	75.4#



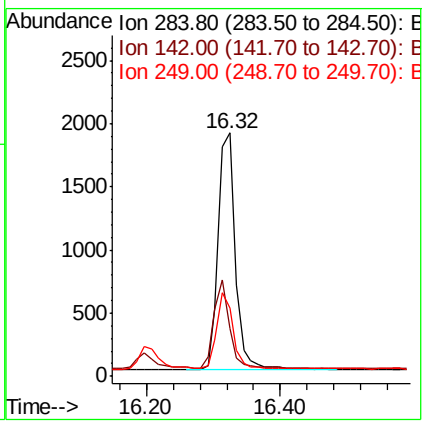


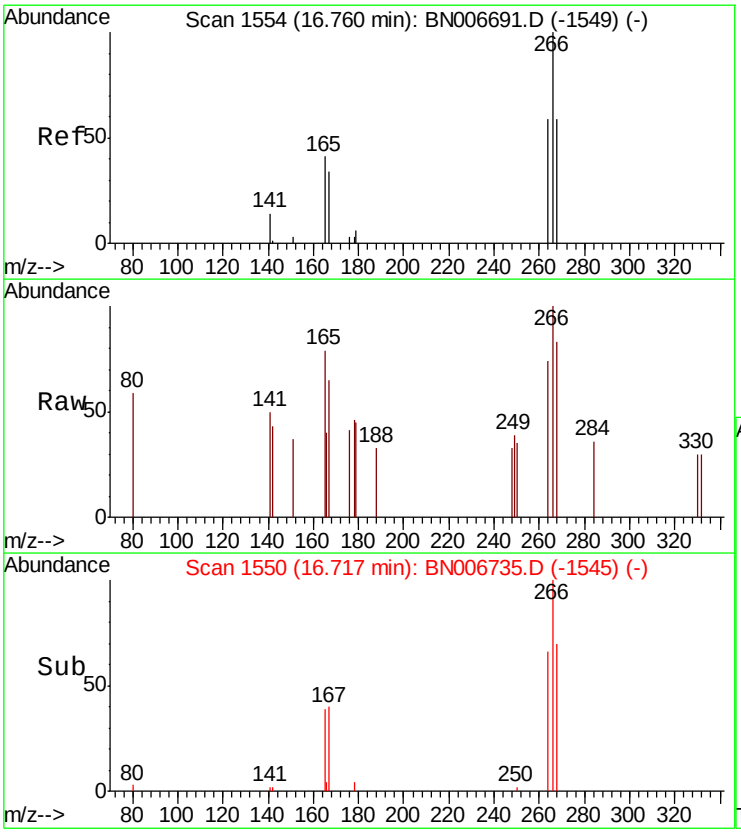
#21
Hexachlorobenzene
Concen: 0.383 ng
RT: 16.32 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BN006735.D
Acq: 06 Jul 2019 02:58

Instrument :
BNA_N
ClientSampleId :
PB121057BS

Tgt Ion:284 Resp: 3337

Ion	Ratio	Lower	Upper
284	100		
142	33.2	26.9	40.3
249	29.9	24.4	36.6

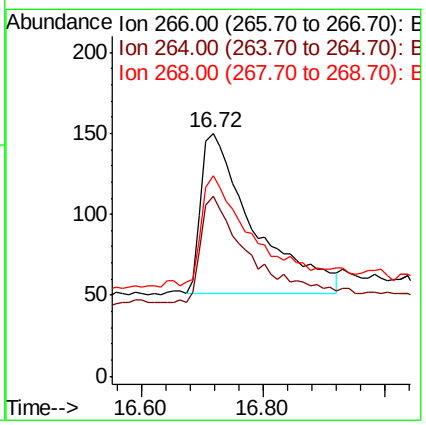


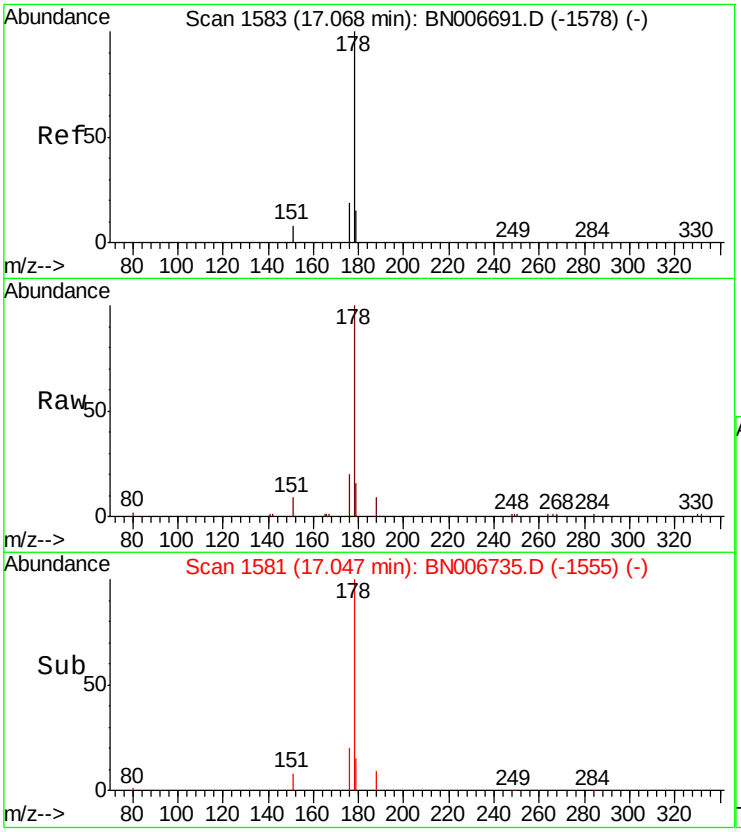


#22
Pentachlorophenol
Concen: 0.596 ng
RT: 16.72 min Scan# 1550
Delta R.T. -0.04 min
Lab File: BN006735.D
Acq: 06 Jul 2019 02:58

Tgt Ion:266 Resp: 591

Ion	Ratio	Lower	Upper
266	100		
264	74.0	57.6	86.4
268	82.7	66.6	99.8



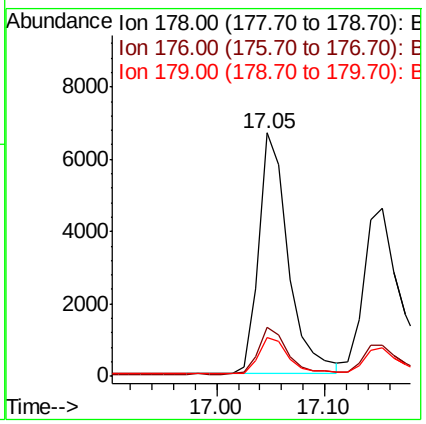


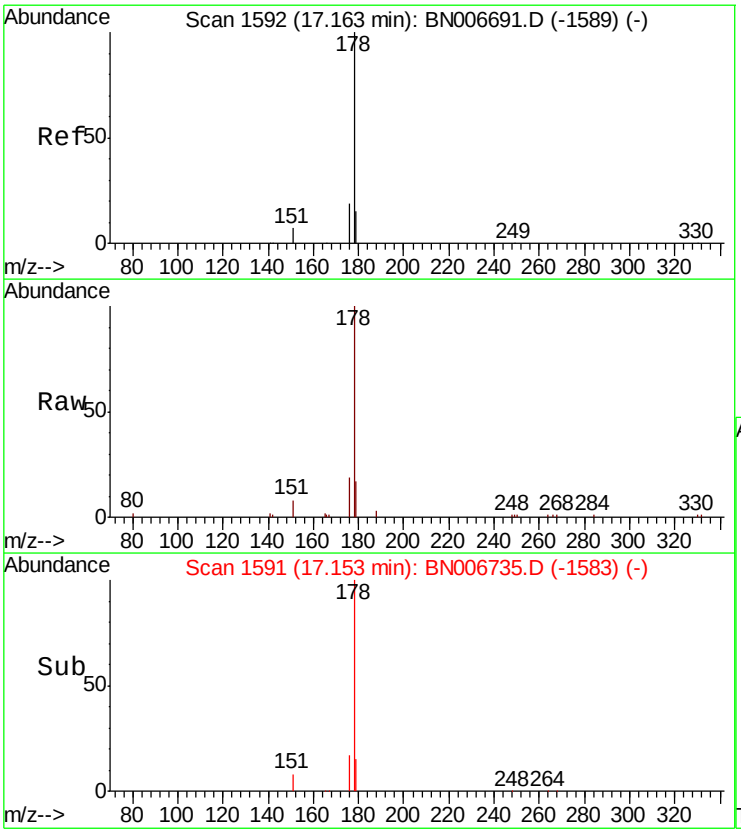
#23
Phenanthrene
Concen: 0.354 ng
RT: 17.05 min Scan# 1581
Delta R.T. -0.02 min
Lab File: BN006735.D
Acq: 06 Jul 2019 02:58

Instrument :
BNA_N
ClientSampleId :
PB121057BS

Tgt Ion:178 Resp: 12695

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.3	12.4	18.6

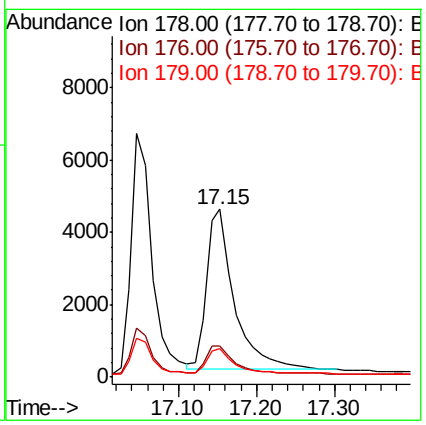


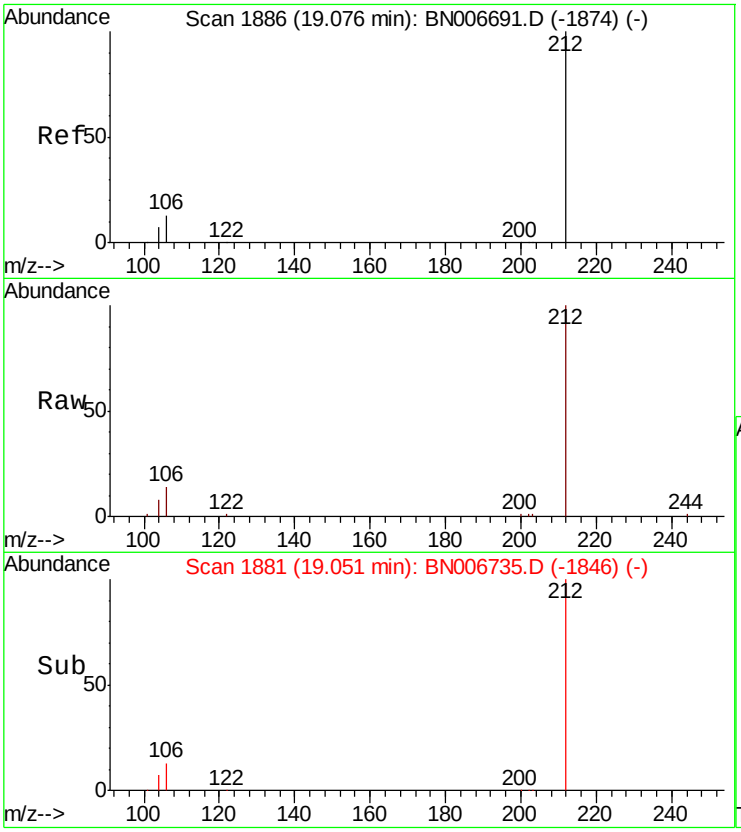


#24
Anthracene
Concen: 0.338 ng
RT: 17.15 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BN006735.D
Acq: 06 Jul 2019 02:58

Tgt Ion:178 Resp: 10946

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.8	22.2
179	15.3	11.9	17.9



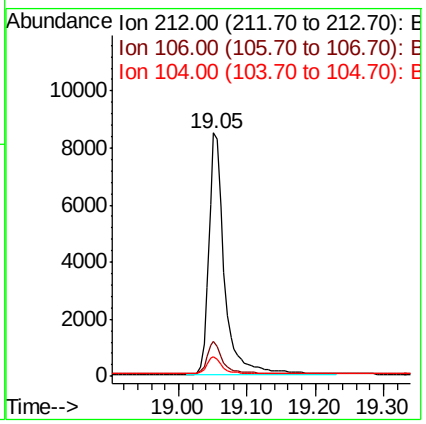


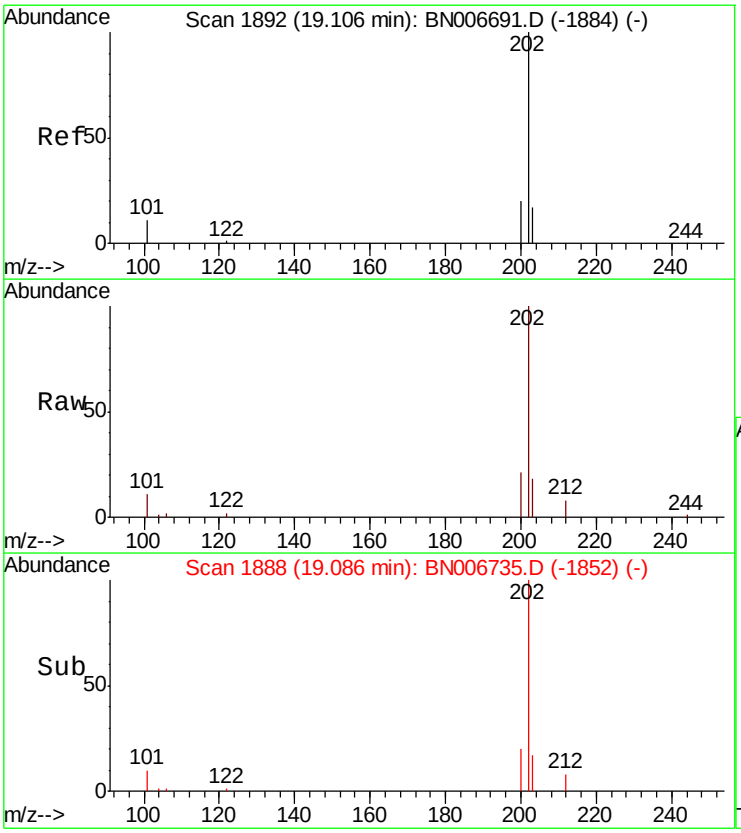
#25
Fluoranthene-d10
Concen: 0.387 ng
RT: 19.05 min Scan# 1881
Delta R.T. -0.02 min
Lab File: BN006735.D
Acq: 06 Jul 2019 02:58

Instrument :
BNA_N
ClientSampleId :
PB121057BS

Tgt Ion:212 Resp: 13743

Ion	Ratio	Lower	Upper
212	100		
106	12.9	11.0	16.6
104	7.1	6.1	9.1

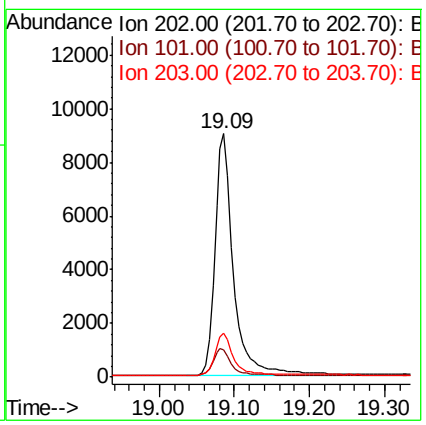


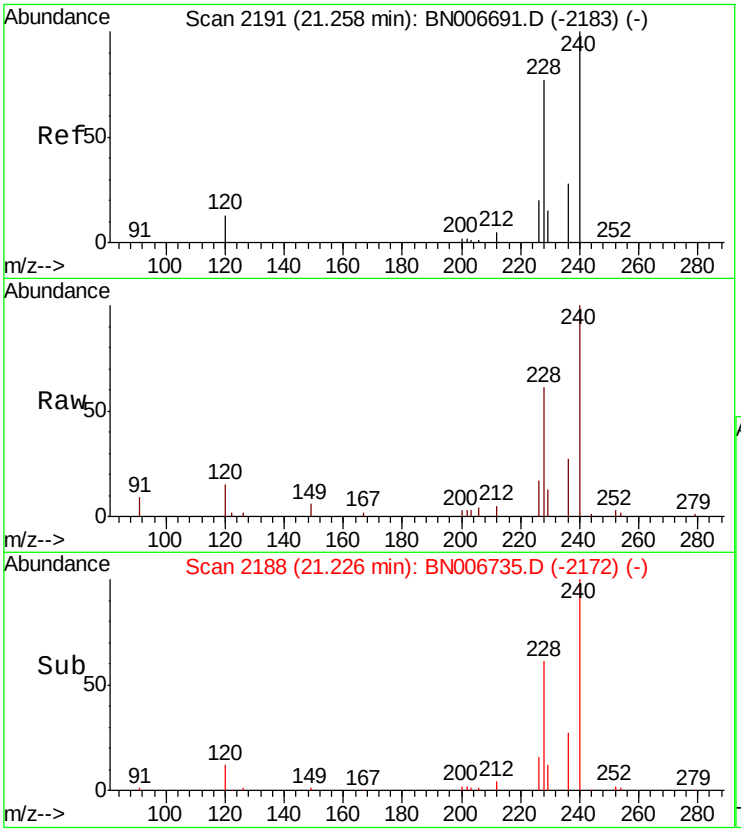


#26
Fluoranthene
Concen: 0.372 ng
RT: 19.09 min Scan# 1888
Delta R.T. -0.02 min
Lab File: BN006735.D
Acq: 06 Jul 2019 02:58

Tgt Ion:202 Resp: 15634

Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.7	13.1
203	17.0	13.8	20.6



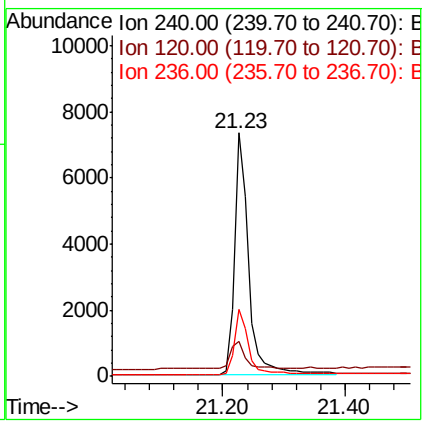


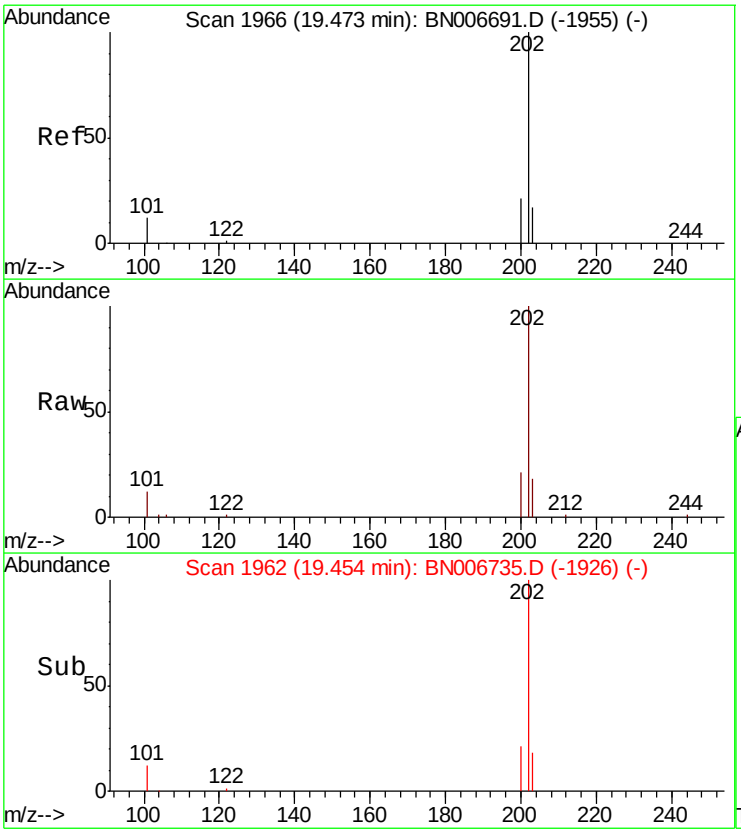
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.23 min Scan# 2188
Delta R.T. -0.03 min
Lab File: BN006735.D
Acq: 06 Jul 2019 02:58

Instrument :
BNA_N
ClientSampleId :
PB121057BS

Tgt Ion:240 Resp: 11794

Ion	Ratio	Lower	Upper
240	100		
120	14.6	12.9	19.3
236	27.3	23.2	34.8

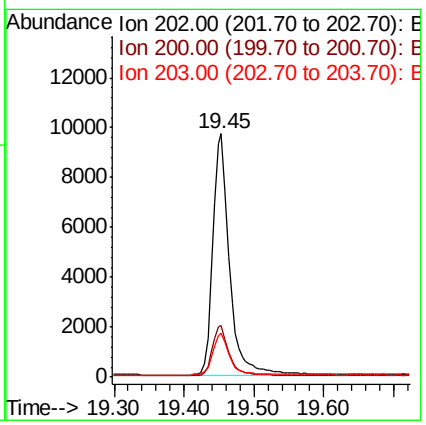


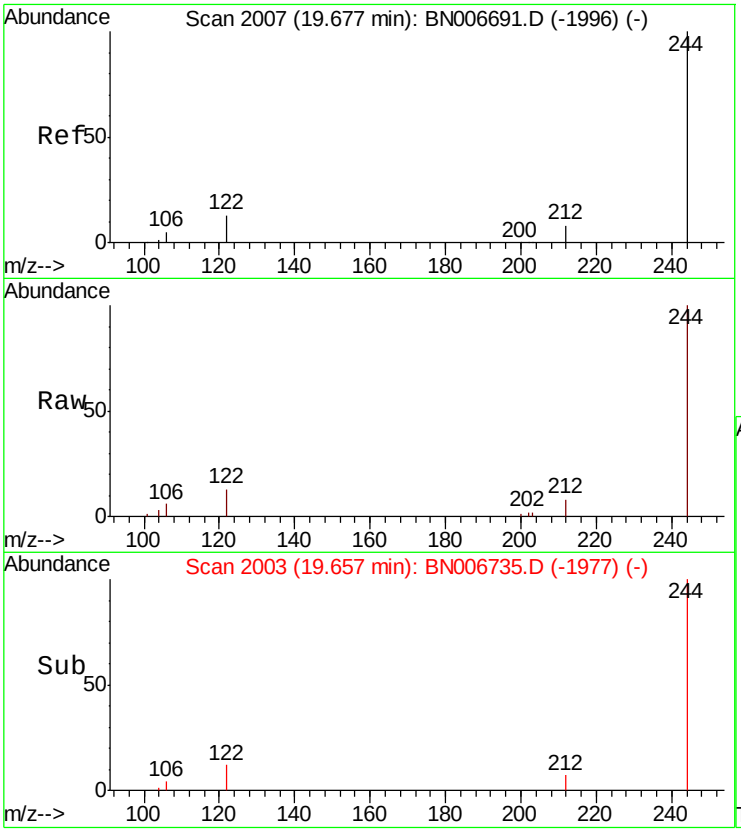


#28
Pyrene
Concen: 0.341 ng
RT: 19.45 min Scan# 1962
Delta R.T. -0.02 min
Lab File: BN006735.D
Acq: 06 Jul 2019 02:58

Tgt Ion:202 Resp: 16102

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.8	25.2
203	18.1	14.2	21.2



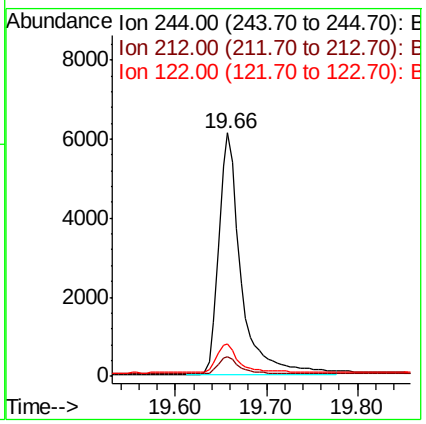


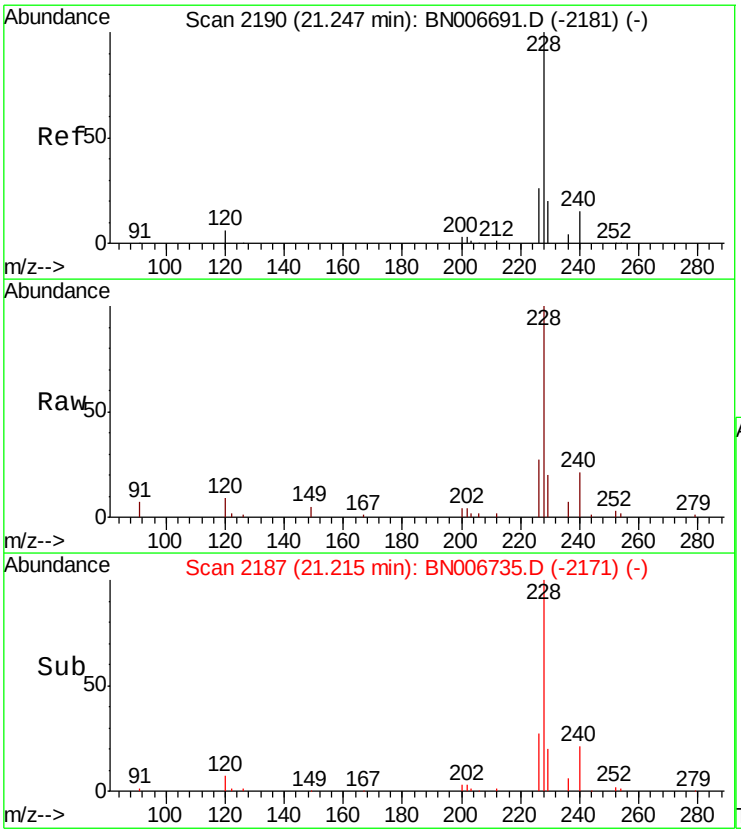
#29
Terphenyl-d14
Concen: 0.381 ng
RT: 19.66 min Scan# 2003
Delta R.T. -0.02 min
Lab File: BN006735.D
Acq: 06 Jul 2019 02:58

Instrument :
BNA_N
ClientSampleId :
PB121057BS

Tgt Ion:244 Resp: 10344

Ion	Ratio	Lower	Upper
244	100		
212	8.2	7.0	10.4
122	13.3	11.5	17.3

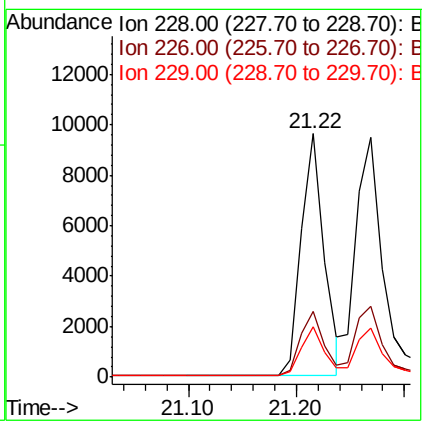


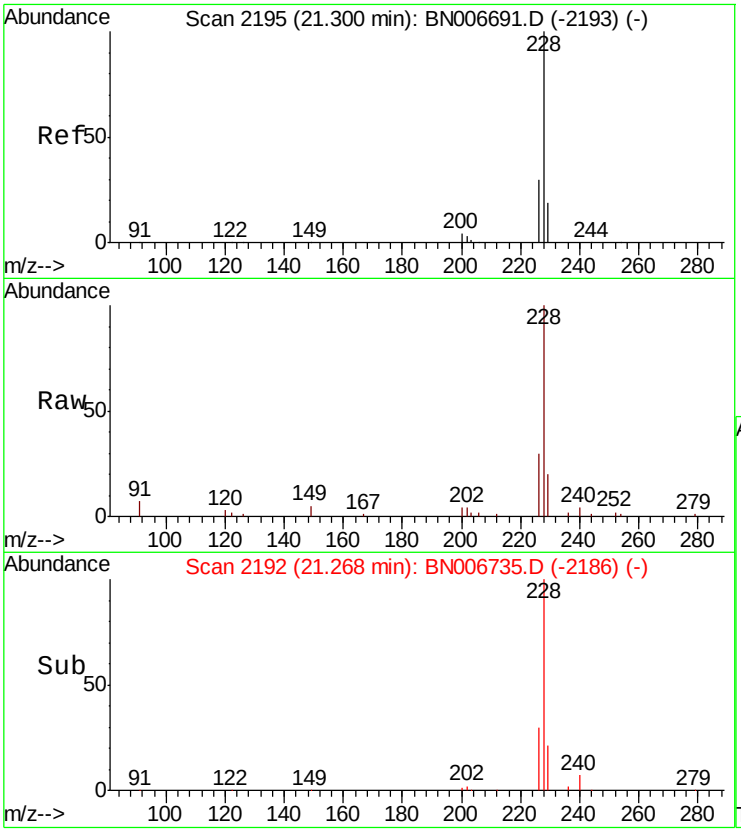


#30
Benzo(a)anthracene
Concen: 0.345 ng
RT: 21.22 min Scan# 2187
Delta R.T. -0.03 min
Lab File: BN006735.D
Acq: 06 Jul 2019 02:58

Tgt Ion:228 Resp: 14053

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.5	32.3
229	20.5	16.2	24.4



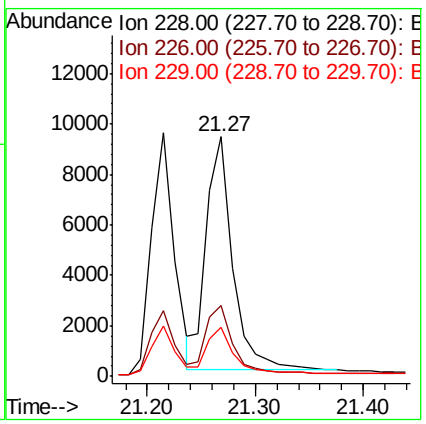


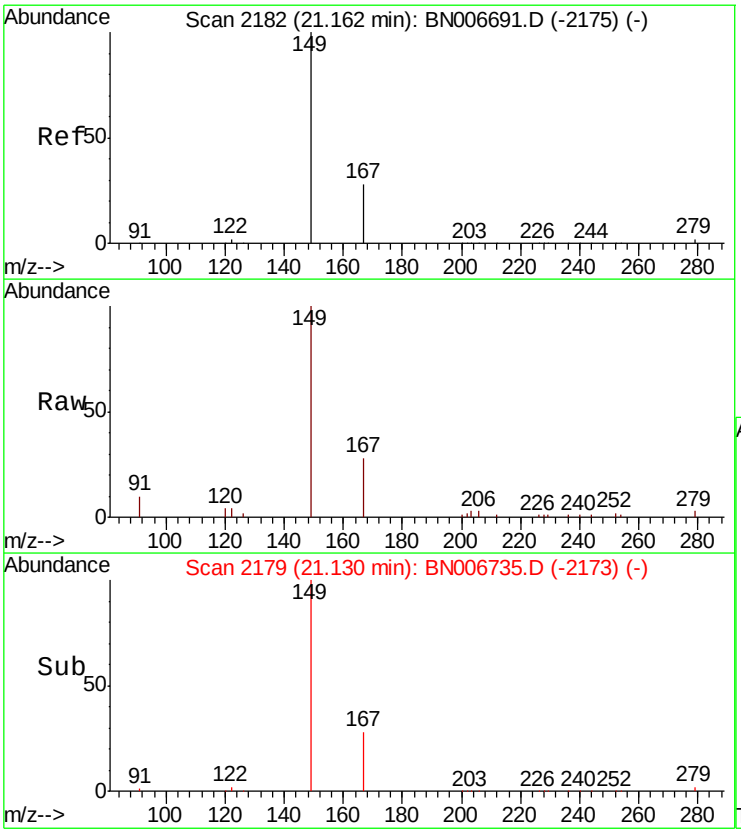
#31
Chrysene
Concen: 0.377 ng
RT: 21.27 min Scan# 2192
Delta R.T. -0.03 min
Lab File: BN006735.D
Acq: 06 Jul 2019 02:58

Instrument :
BNA_N
ClientSampleId :
PB121057BS

Tgt Ion:228 Resp: 15811

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.2	36.2
229	20.3	15.8	23.6

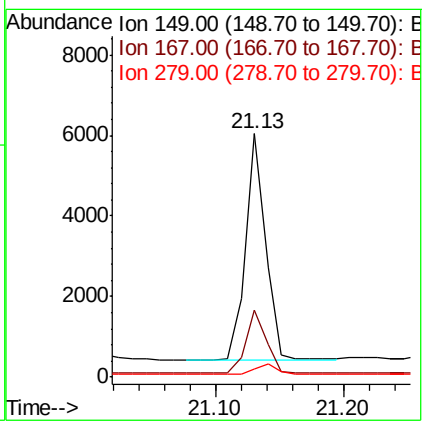


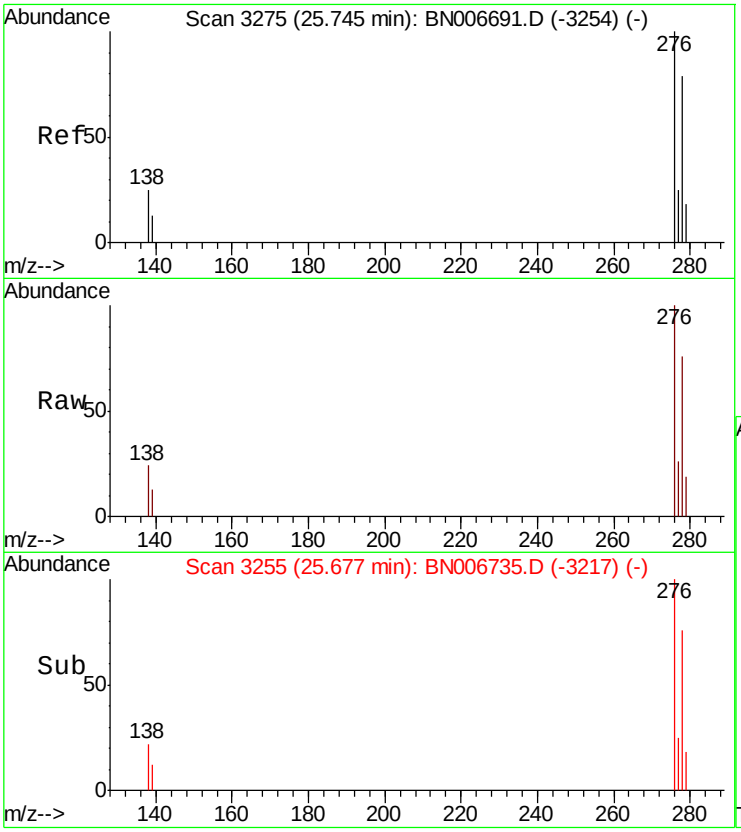


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.051 ng
RT: 21.13 min Scan# 2179
Delta R.T. -0.03 min
Lab File: BN006735.D
Acq: 06 Jul 2019 02:58

Tgt Ion:149 Resp: 6207

Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.9	34.3
279	4.9	3.2	4.8#



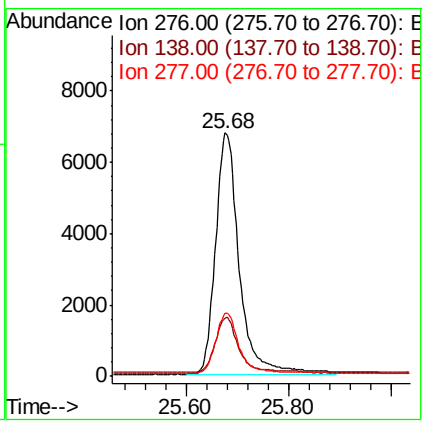


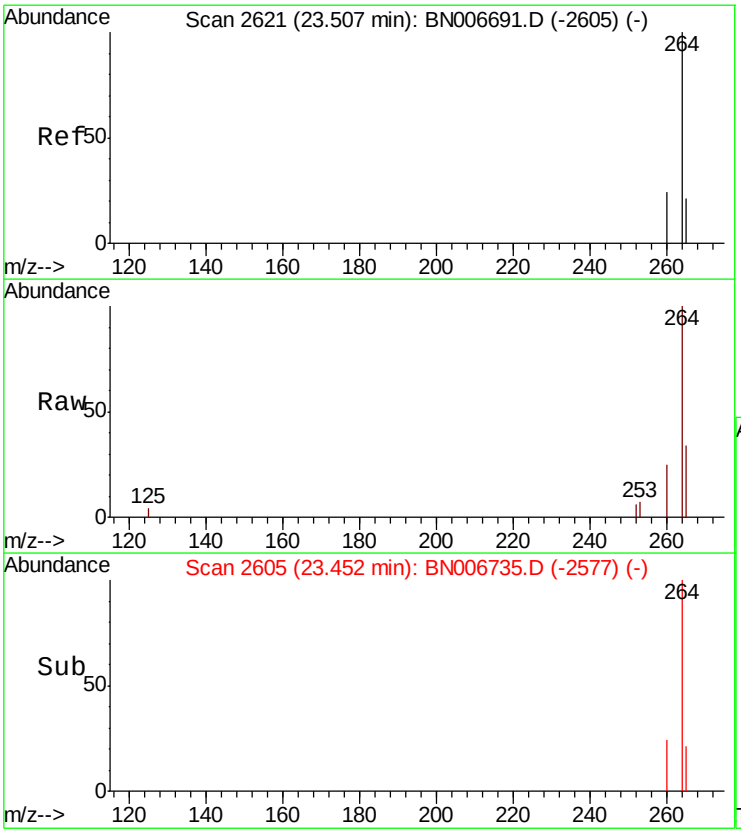
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.433 ng
RT: 25.68 min Scan# 3255
Delta R.T. -0.07 min
Lab File: BN006735.D
Acq: 06 Jul 2019 02:58

Instrument :
BNA_N
ClientSampleId :
PB121057BS

Tgt Ion:276 Resp: 21693

Ion	Ratio	Lower	Upper
276	100		
138	22.5	19.5	29.3
277	24.6	19.7	29.5

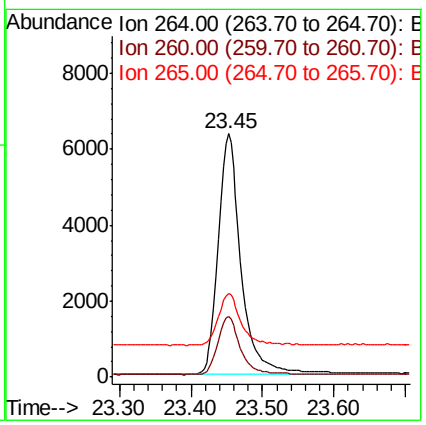


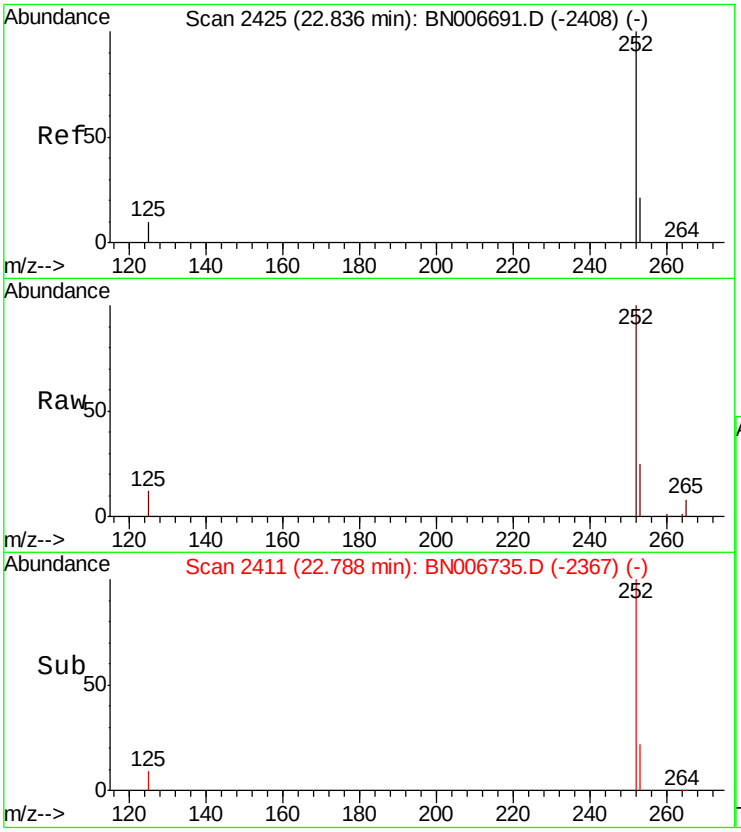


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.45 min Scan# 2605
Delta R.T. -0.05 min
Lab File: BN006735.D
Acq: 06 Jul 2019 02:58

Tgt Ion:264 Resp: 14080

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.2	30.2
265	34.2	33.7	50.5



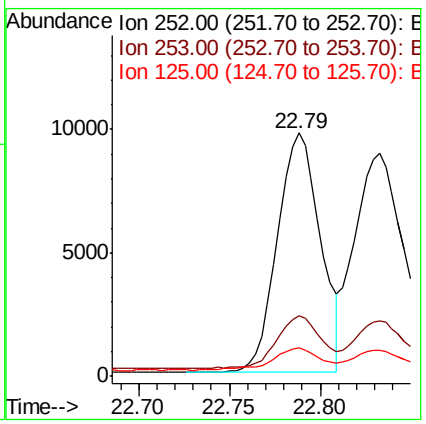


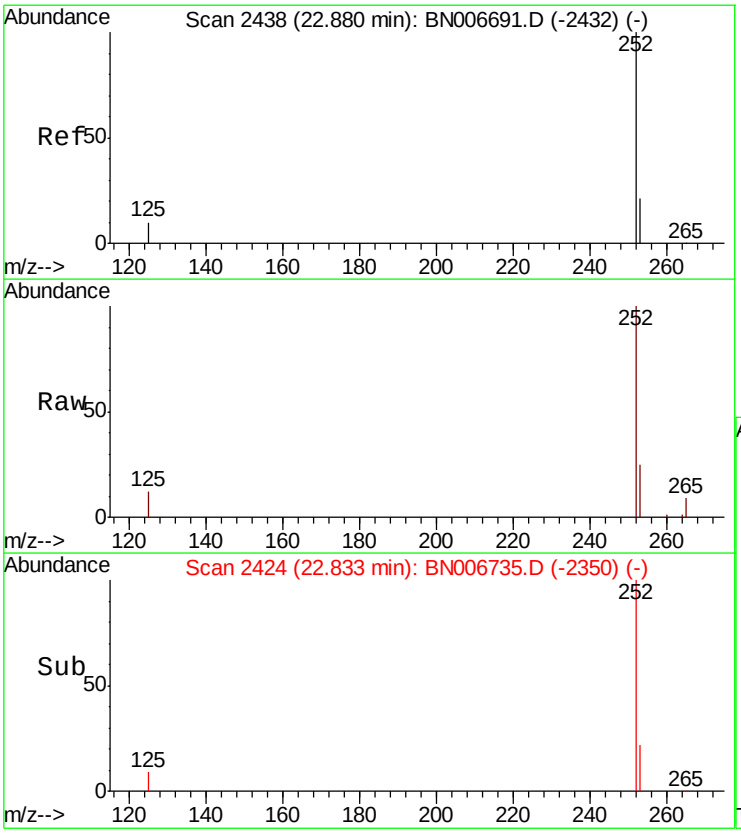
#35
Benzo(b)fluoranthene
Concen: 0.352 ng
RT: 22.79 min Scan# 2411
Delta R.T. -0.05 min
Lab File: BN006735.D
Acq: 06 Jul 2019 02:58

Instrument :
BNA_N
ClientSampleId :
PB121057BS

Tgt Ion:252 Resp: 15924

Ion	Ratio	Lower	Upper
252	100		
253	24.8	20.2	30.2
125	11.7	11.5	17.3

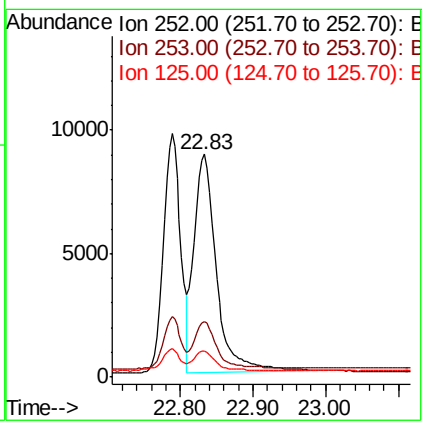


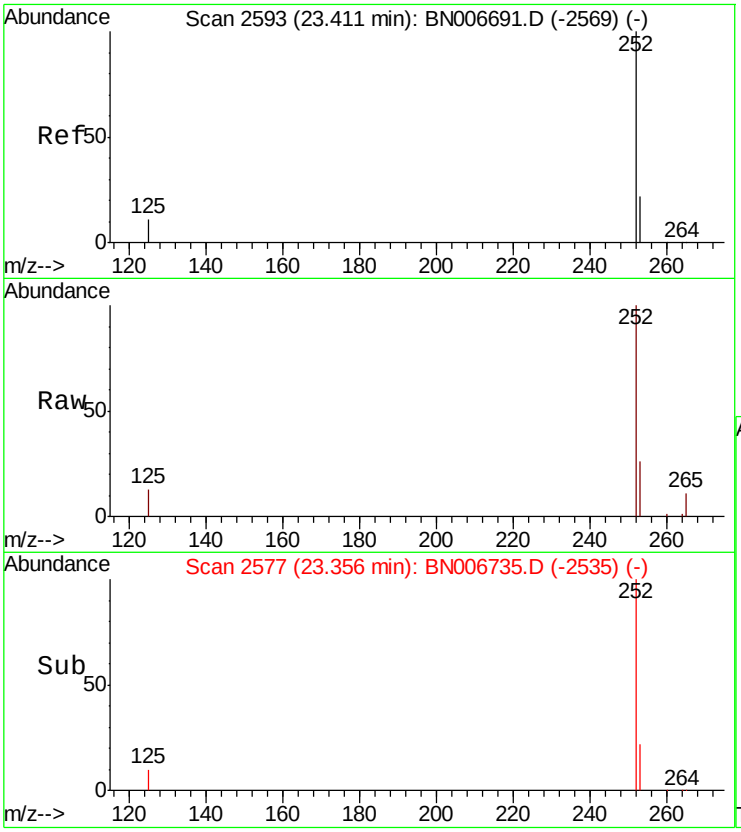


#36
Benzo(k)fluoranthene
Concen: 0.385 ng
RT: 22.83 min Scan# 2424
Delta R.T. -0.05 min
Lab File: BN006735.D
Acq: 06 Jul 2019 02:58

Tgt Ion:252 Resp: 18869

Ion	Ratio	Lower	Upper
252	100		
253	24.9	20.1	30.1
125	11.5	11.4	17.0



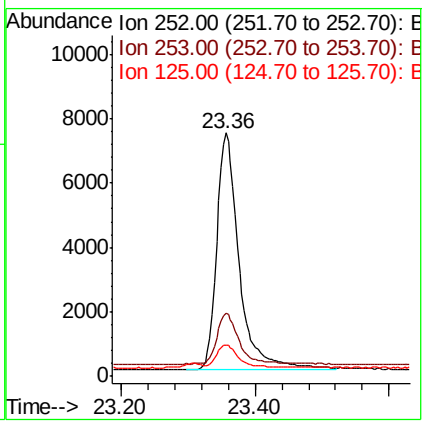


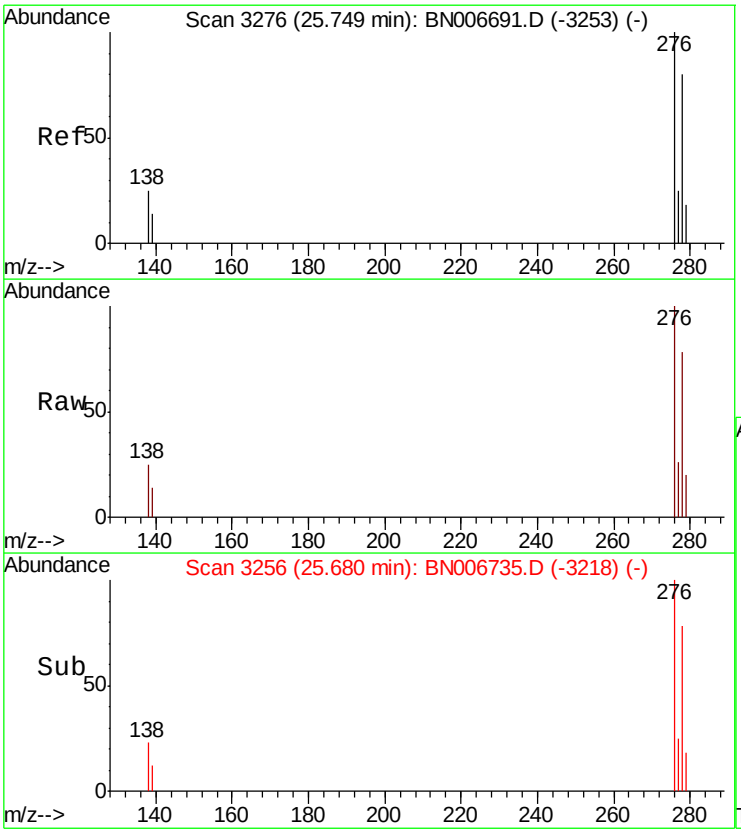
#37
Benzo(a)pyrene
Concen: 0.389 ng
RT: 23.36 min Scan# 2577
Delta R.T. -0.05 min
Lab File: BN006735.D
Acq: 06 Jul 2019 02:58

Instrument :
BNA_N
ClientSampleId :
PB121057BS

Tgt Ion:252 Resp: 17042

Ion	Ratio	Lower	Upper
252	100		
253	25.9	21.4	32.2
125	13.0	13.3	19.9#

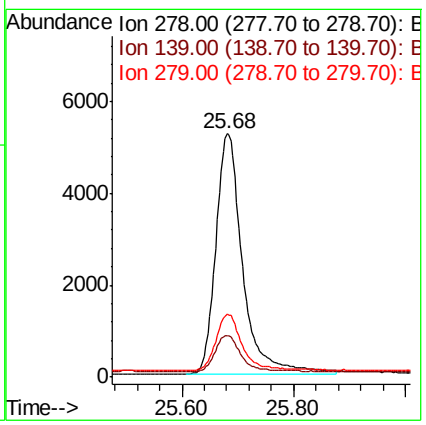


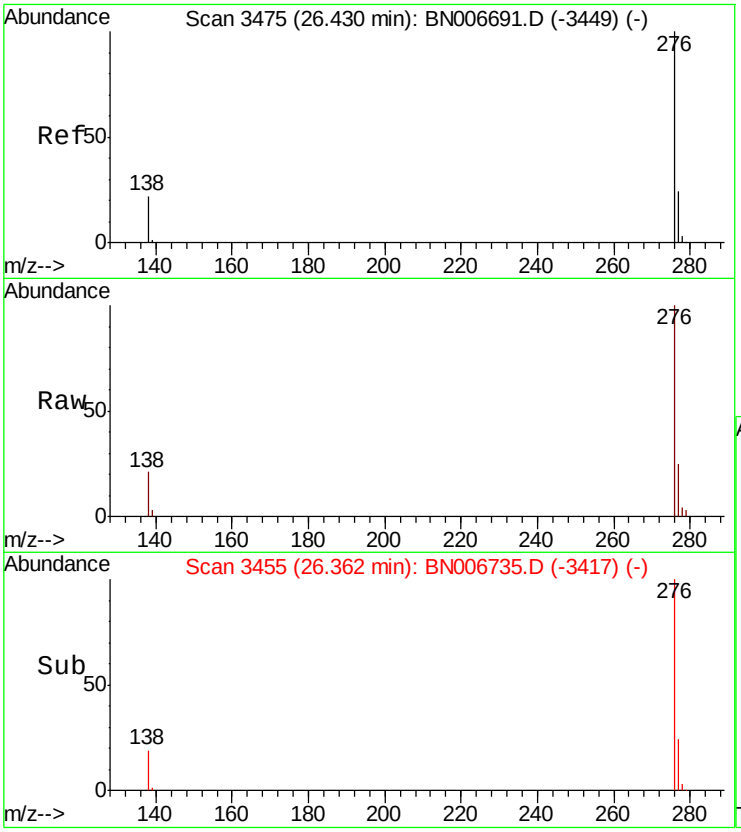


#38
Dibenzo(a,h)anthracene
Concen: 0.401 ng
RT: 25.68 min Scan# 3256
Delta R.T. -0.07 min
Lab File: BN006735.D
Acq: 06 Jul 2019 02:58

Tgt Ion:278 Resp: 17434

Ion	Ratio	Lower	Upper
278	100		
139	17.3	16.2	24.4
279	25.9	20.7	31.1





#39
Benzo(g,h,i)perylene
Concen: 0.422 ng
RT: 26.36 min Scan# 3455
Delta R.T. -0.07 min
Lab File: BN006735.D
Acq: 06 Jul 2019 02:58

Instrument :
BNA_N
ClientSampleId :
PB121057BS

Tgt Ion:276 Resp: 18899

Ion	Ratio	Lower	Upper
276	100		
277	24.8	20.6	30.8
138	21.2	19.7	29.5