Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070519\
Data File : BN006729.D
Acq On : 05 Jul 2019 22:54
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Jul 06 00:01:57 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	2729	0.40	ng		-0.02
7) Naphthalene-d8	10.36	136	11159	0.40	ng		-0.03
13) Acenaphthene-d10	14.24	164	6542	0.40	ng		-0.02
19) Phenanthrene-d10	17.00	188	15219	0.40	ng		-0.02
27) Chrysene-d12	21.23	240	15237	0.40	ng		-0.03
34) Perylene-d12	23.45	264	18123	0.40	ng		-0.06
System Monitoring Compounds							
4) 2-Fluorophenol	5.22	112	2676	0.36	ng		-0.02
5) Phenol-d6	6.81	99	3478	0.37	ng		-0.02
8) Nitrobenzene-d5	8.77	82	3001	0.35	ng		-0.03
11) 2-Methylnaphthalene-d10	11.97	152	6671	0.40	ng		-0.02
14) 2,4,6-Tribromophenol	15.77	330	1227	0.38	ng		-0.02
15) 2-Fluorobiphenyl	12.86	172	9477	0.37	ng		-0.02
25) Fluoranthene-d10	19.05	212	17677	0.41	ng		-0.02
29) Terphenyl-d14	19.66	244	13117	0.37	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	1823	0.427	ng		98
3) n-Nitrosodimethylamine	3.47	42	1166	0.362	ng	#	93
6) bis(2-Chloroethyl)ether	7.03	93	3386	0.427	ng	#	86
9) Naphthalene	10.42	128	11919	0.390	ng		99
10) Hexachlorobutadiene	10.69	225	2499	0.404	ng	#	100
12) 2-Methylnaphthalene	12.05	142	7745	0.356	ng		99
16) Acenaphthylene	13.96	152	12447	0.382	ng		99
17) Acenaphthene	14.30	154	8100	0.390	ng		97
18) Fluorene	15.30	166	10099	0.391	ng		99
20) 4-Bromophenyl-phenylether	16.20	248	3242	0.362	ng		98
21) Hexachlorobenzene	16.31	284	4214	0.395	ng		99
22) Pentachlorophenol	16.71	266	639	0.542	ng		96
23) Phenanthrene	17.05	178	16323	0.372	ng		100
24) Anthracene	17.14	178	14071	0.355	ng		100
26) Fluoranthene	19.08	202	20358	0.395	ng		100
28) Pyrene	19.45	202	21221	0.348	ng		100
30) Benzo(a)anthracene	21.22	228	19006	0.362	ng		99
31) Chrysene	21.27	228	21006	0.388	ng		99
32) Bis(2-ethylhexyl)phthalate	21.13	149	10473	0.067	ng		100
33) Indeno(1,2,3-cd)pyrene	25.67	276	27230	0.420	ng		98
35) Benzo(b)fluoranthene	22.78	252	21819	0.375	ng		96
36) Benzo(k)fluoranthene	22.83	252	23357	0.370	ng		96
37) Benzo(a)pyrene	23.36	252	21604	0.383	ng	#	95
38) Dibenzo(a,h)anthracene	25.68	278	21827	0.390	ng		97
39) Benzo(g,h,i)perylene	26.35	276	22357	0.388	ng		96

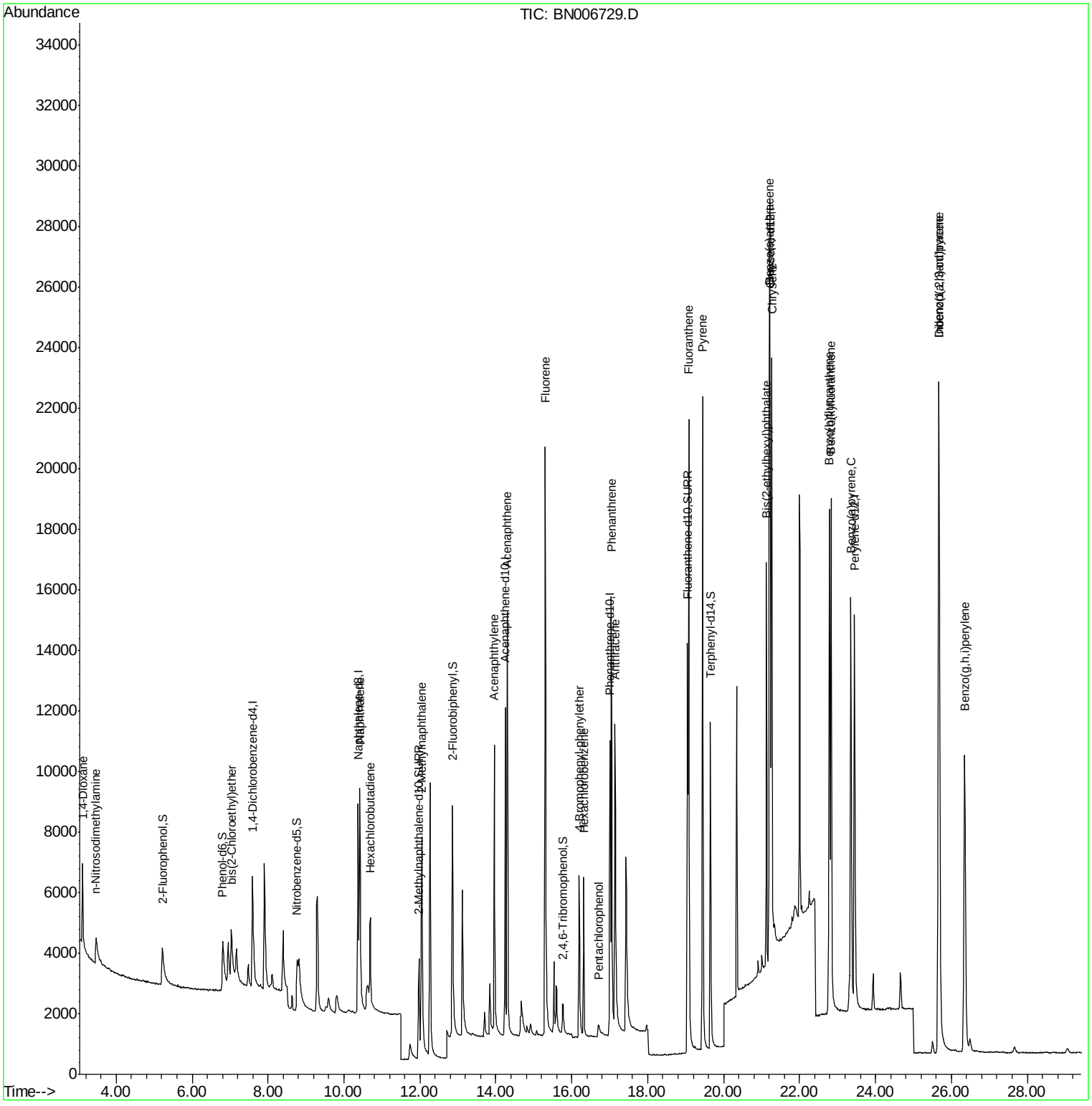
(#) = qualifier out of range (m) = manual integration (+) = signals summed

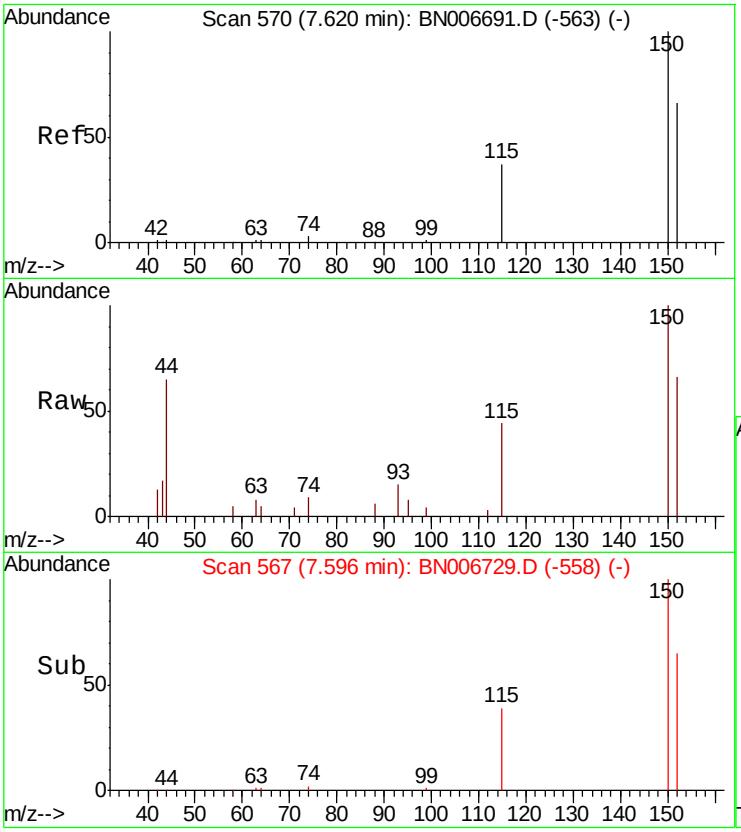
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070519\
Data File : BN006729.D
Acq On : 05 Jul 2019 22:54
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jul 06 00:01:57 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



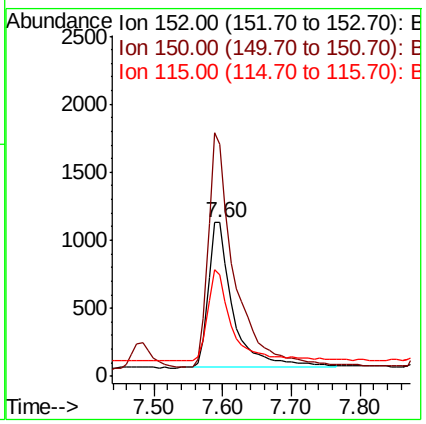


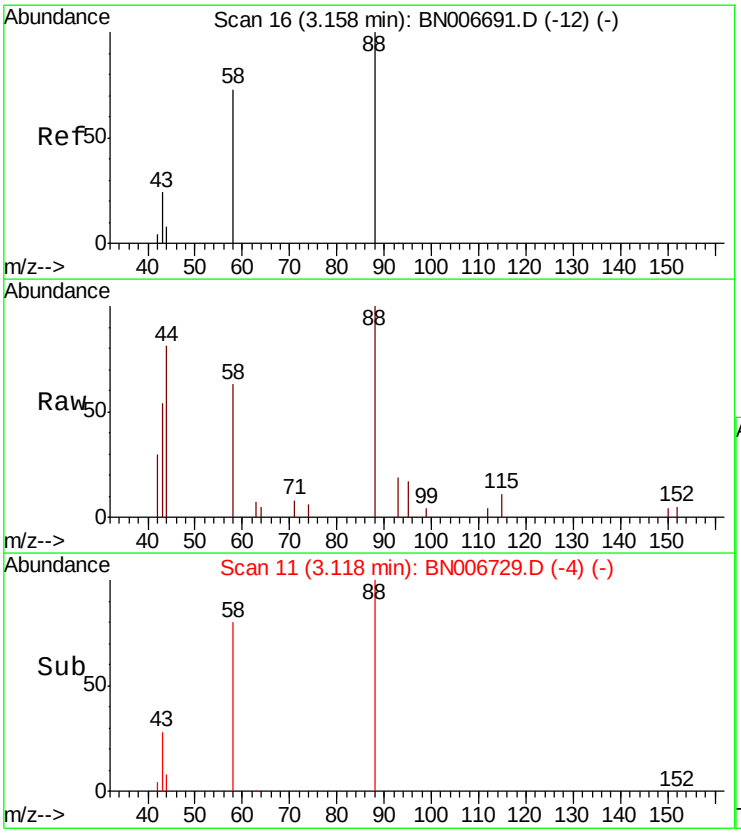
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 567
Delta R.T. -0.02 min
Lab File: BN006729.D
Acq: 05 Jul 2019 22:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 2729

Ion	Ratio	Lower	Upper
152	100		
150	151.2	120.6	181.0
115	66.4	51.0	76.6

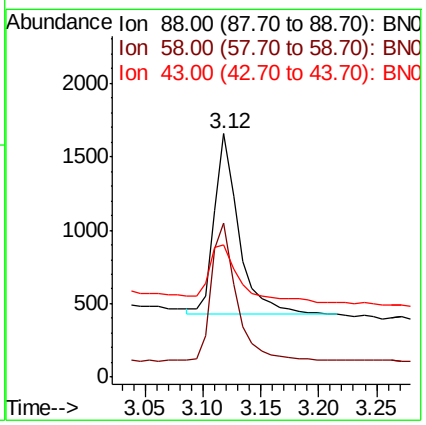


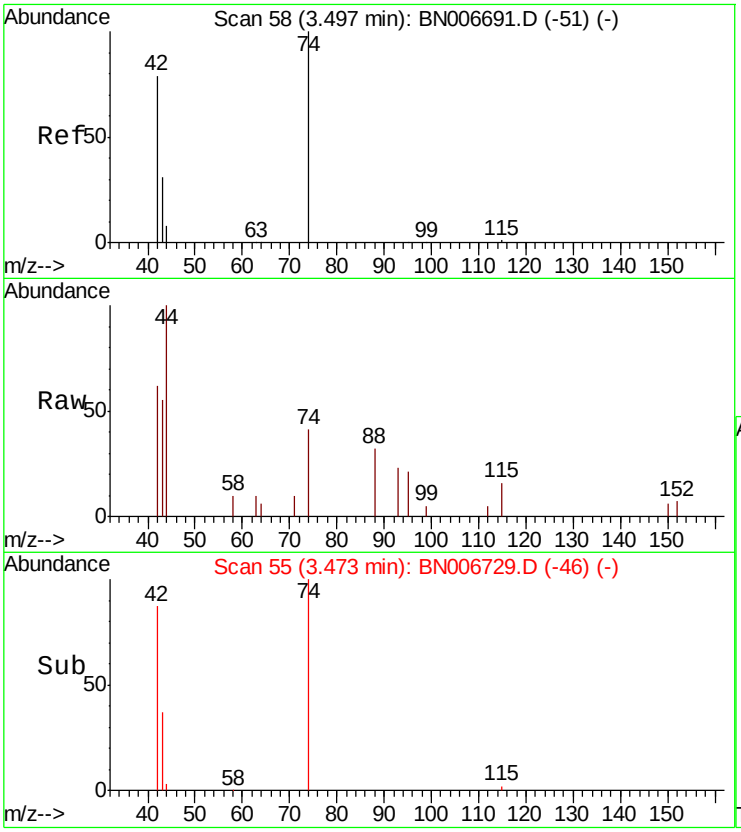


#2
1,4-Dioxane
Concen: 0.427 ng
RT: 3.12 min Scan# 11
Delta R.T. -0.04 min
Lab File: BN006729.D
Acq: 05 Jul 2019 22:54

Tgt Ion: 88 Resp: 1823

Ion	Ratio	Lower	Upper
88	100		
58	78.9	61.1	91.7
43	39.8	32.4	48.6



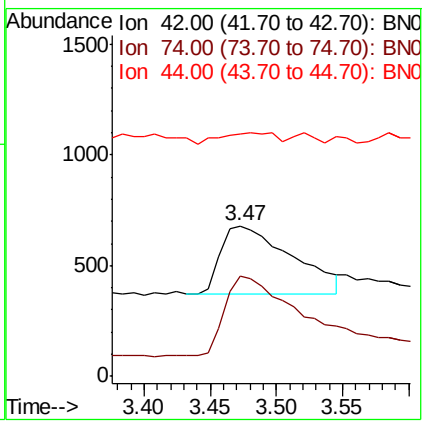


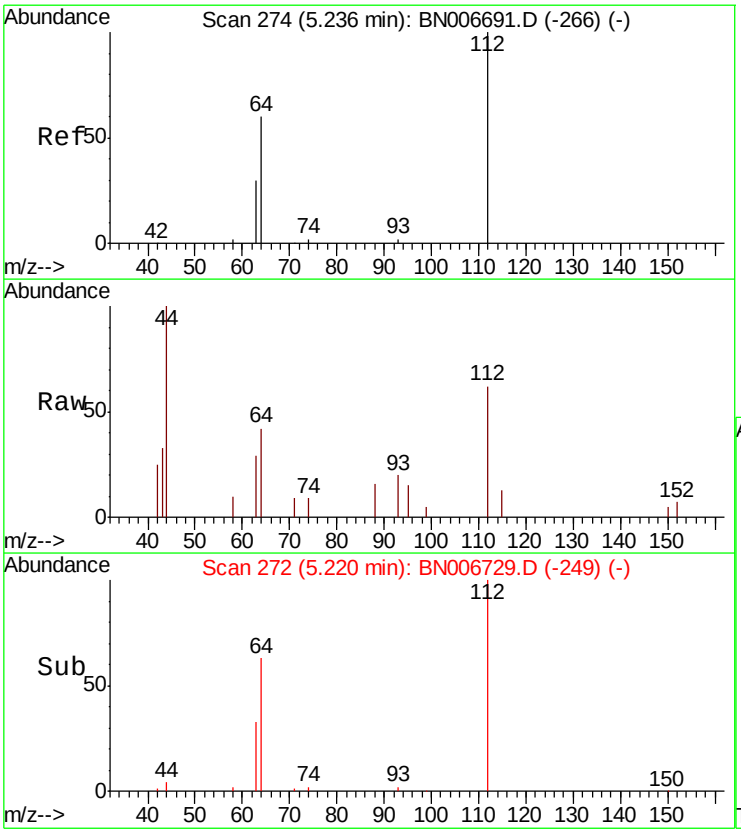
#3
n-Nitrosodimethylamine
Concen: 0.362 ng
RT: 3.47 min Scan# 55
Delta R.T. -0.02 min
Lab File: BN006729.D
Acq: 05 Jul 2019 22:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 1166

Ion	Ratio	Lower	Upper
42	100		
74	125.0	106.6	160.0
44	12.3	8.0	12.0#

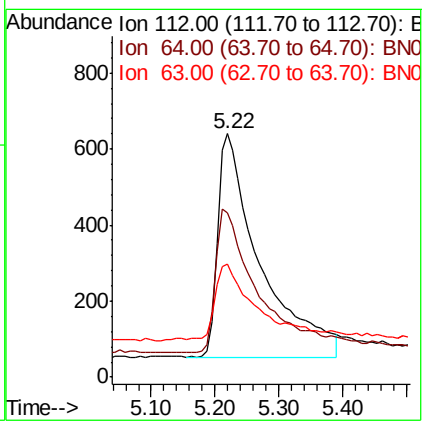


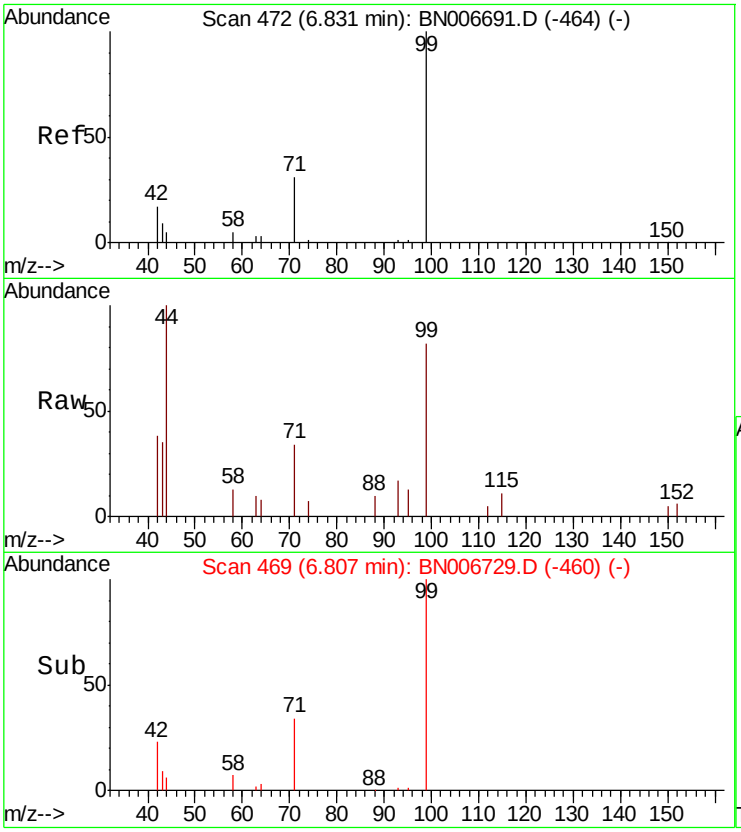


#4
2-Fluorophenol
Concen: 0.361 ng
RT: 5.22 min Scan# 272
Delta R.T. -0.02 min
Lab File: BN006729.D
Acq: 05 Jul 2019 22:54

Tgt Ion:112 Resp: 2676

Ion	Ratio	Lower	Upper
112	100		
64	64.9	49.8	74.6
63	33.4	25.8	38.6



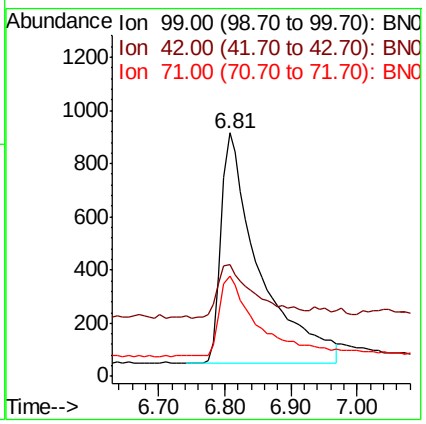


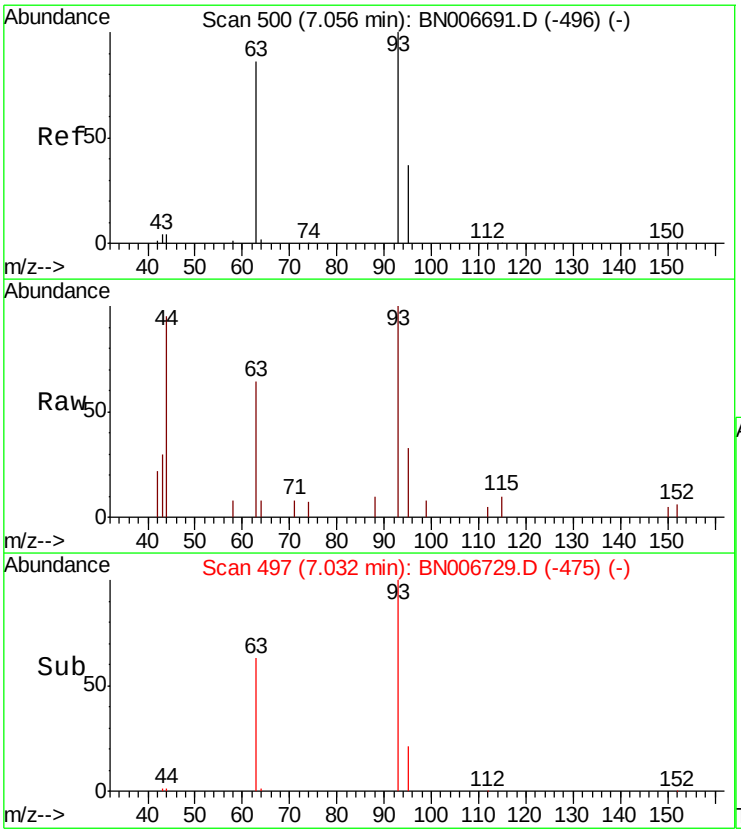
#5
Phenol-d6
Concen: 0.371 ng
RT: 6.81 min Scan# 469
Delta R.T. -0.02 min
Lab File: BN006729.D
Acq: 05 Jul 2019 22:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 3478

Ion	Ratio	Lower	Upper
99	100		
42	23.2	16.6	25.0
71	34.6	26.0	39.0

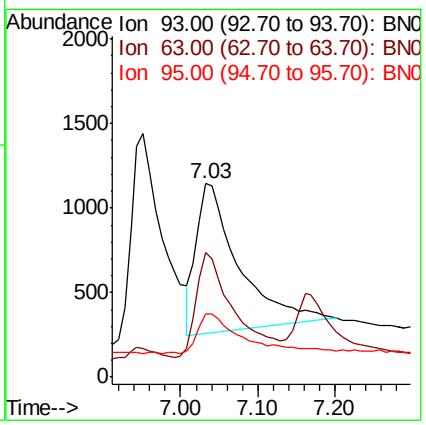


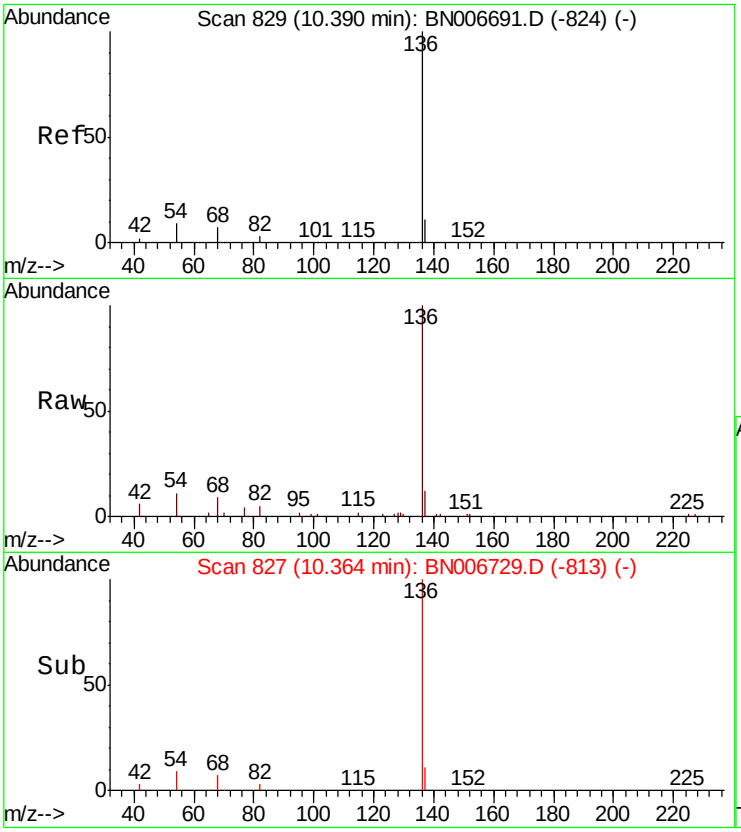


#6
bis(2-Chloroethyl)ether
Concen: 0.427 ng
RT: 7.03 min Scan# 497
Delta R.T. -0.02 min
Lab File: BN006729.D
Acq: 05 Jul 2019 22:54

Tgt Ion: 93 Resp: 3386

Ion	Ratio	Lower	Upper
93	100		
63	61.6	58.6	87.8
95	27.6	28.3	42.5#



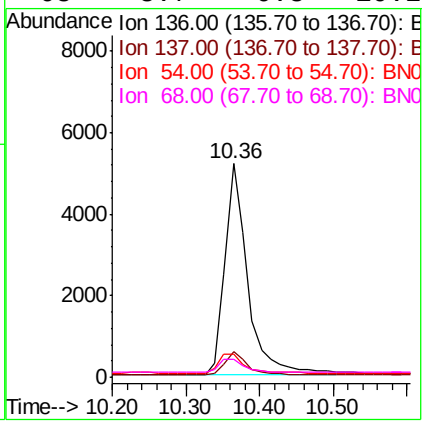


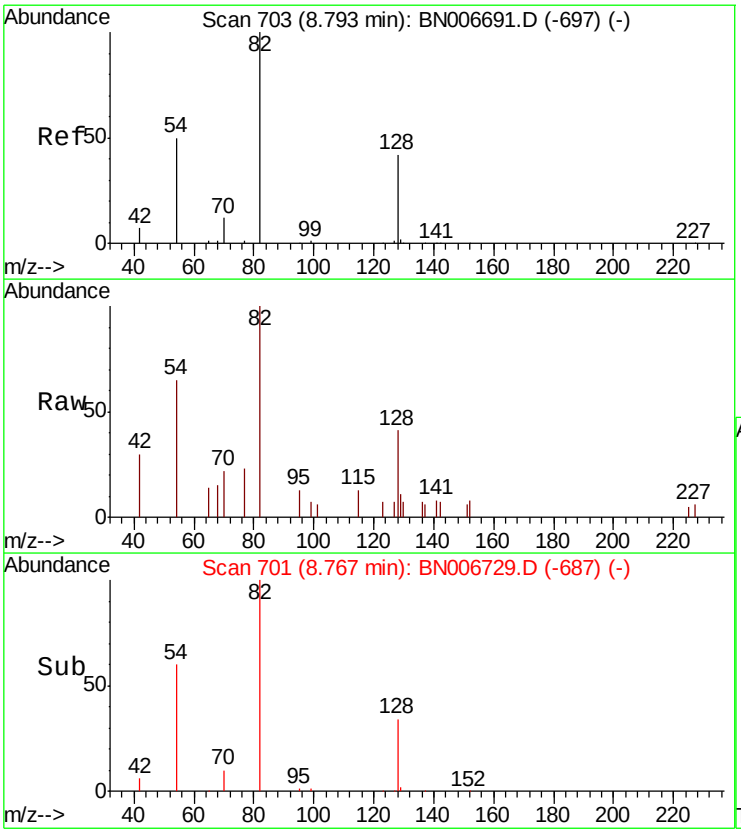
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.36 min Scan# 827
Delta R.T. -0.03 min
Lab File: BN006729.D
Acq: 05 Jul 2019 22:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 11159

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.3	13.9
54	11.0	8.4	12.6
68	8.7	6.8	10.2

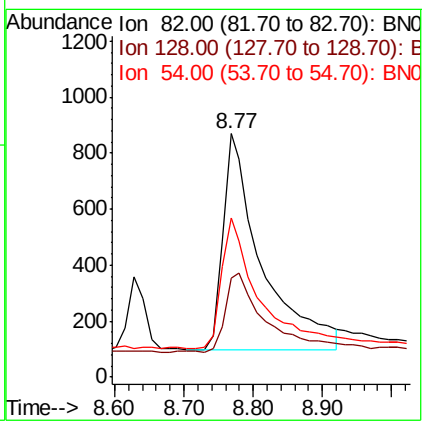


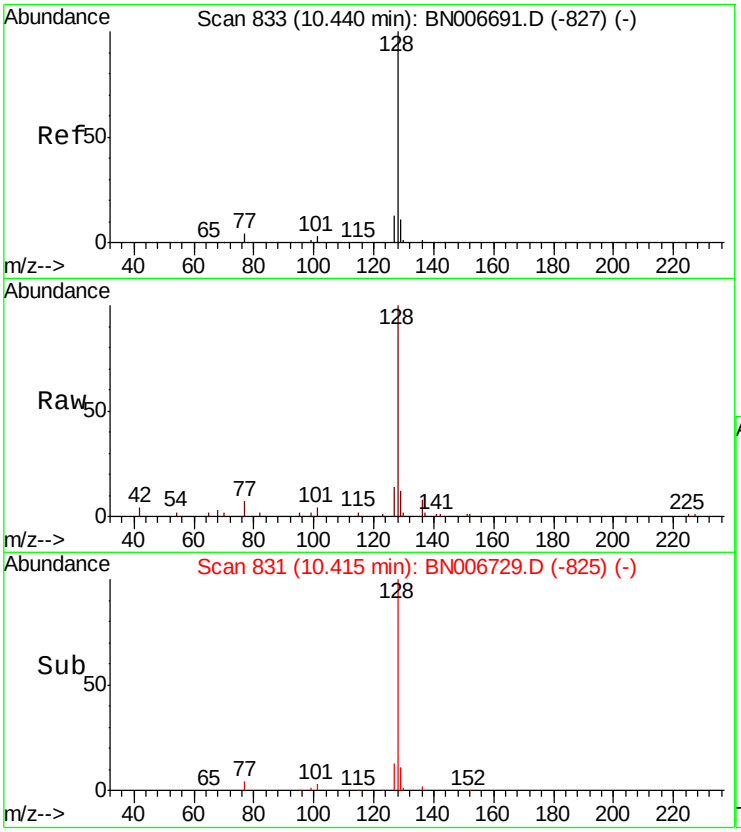


#8
Nitrobenzene-d5
Concen: 0.351 ng
RT: 8.77 min Scan# 701
Delta R.T. -0.03 min
Lab File: BN006729.D
Acq: 05 Jul 2019 22:54

Tgt Ion: 82 Resp: 3001

Ion	Ratio	Lower	Upper
82	100		
128	40.9	36.1	54.1
54	65.2	44.5	66.7



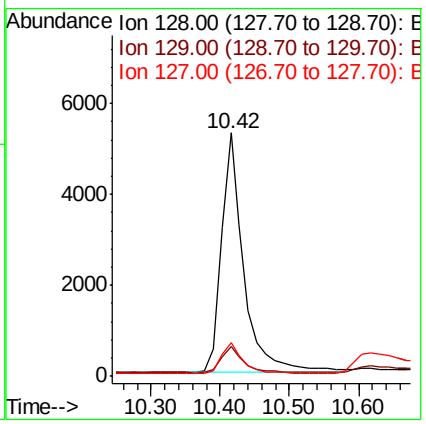


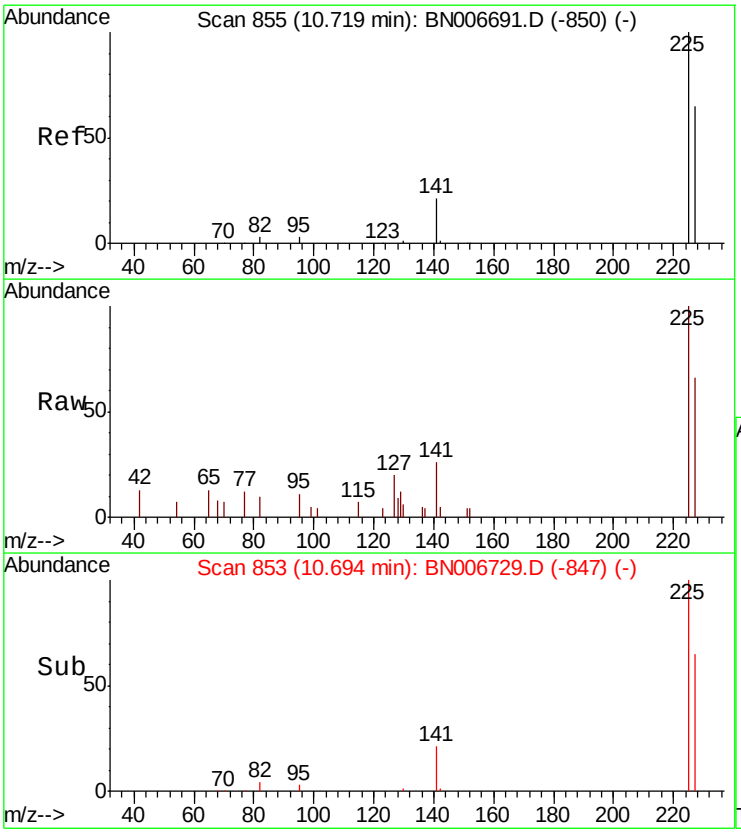
#9
Naphthalene
Concen: 0.390 ng
RT: 10.42 min Scan# 831
Delta R.T. -0.03 min
Lab File: BN006729.D
Acq: 05 Jul 2019 22:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 11919

Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.6	14.4
127	14.0	11.0	16.4

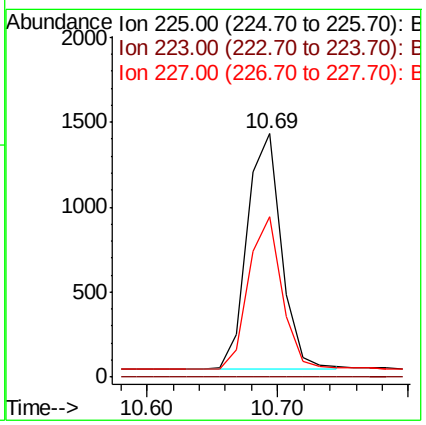


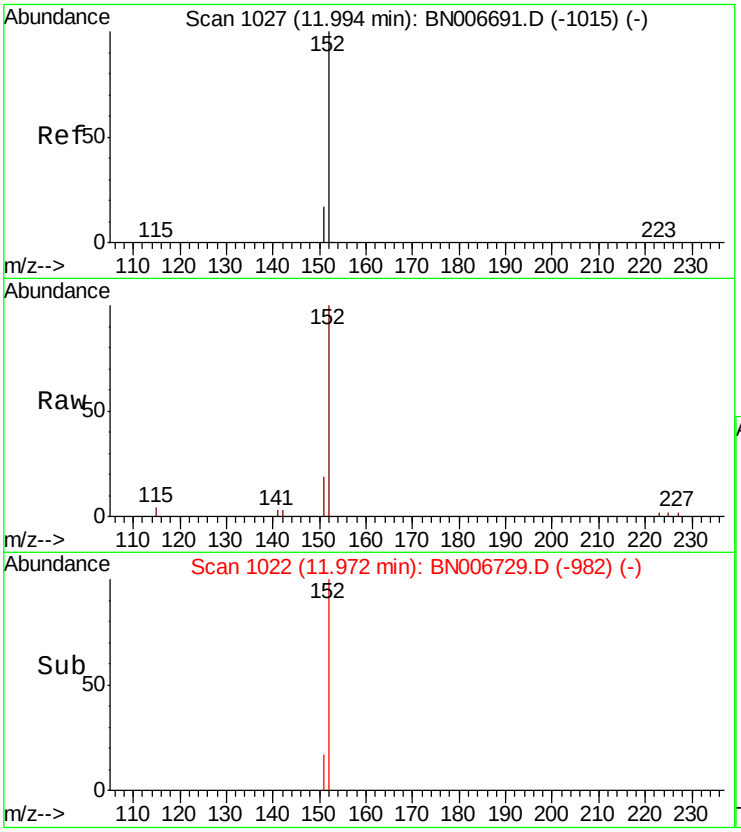


#10
Hexachlorobutadiene
Concen: 0.404 ng
RT: 10.69 min Scan# 853
Delta R.T. -0.03 min
Lab File: BN006729.D
Acq: 05 Jul 2019 22:54

Tgt Ion:225 Resp: 2499

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.7	50.9	76.3



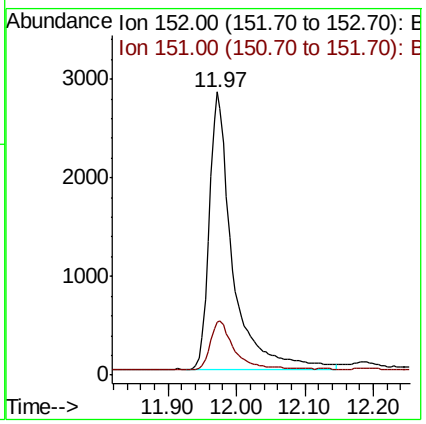


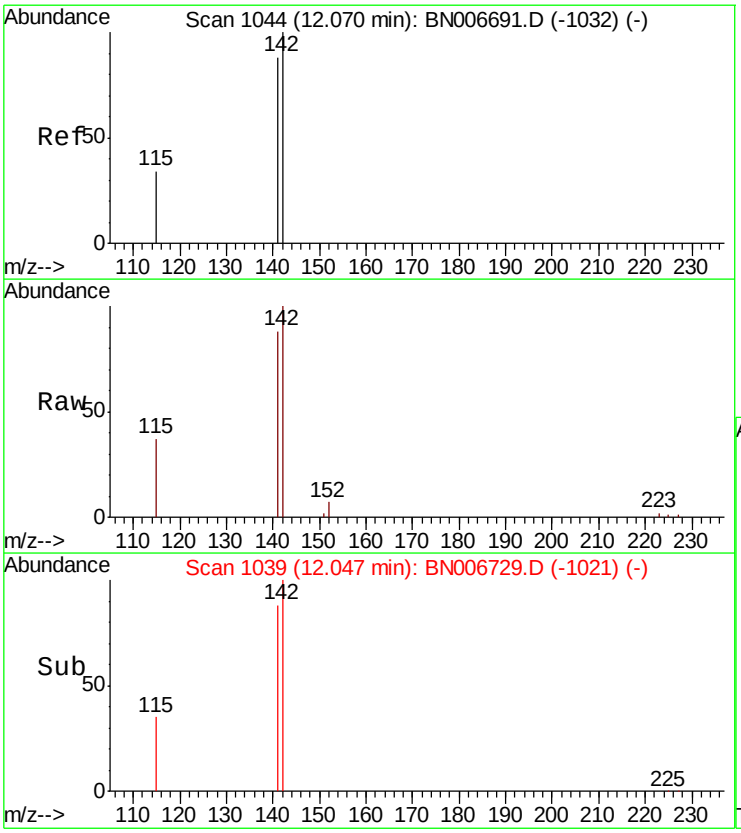
#11
2-Methylnaphthalene-d10
Concen: 0.398 ng
RT: 11.97 min Scan# 1022
Delta R.T. -0.02 min
Lab File: BN006729.D
Acq: 05 Jul 2019 22:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 6671

Ion	Ratio	Lower	Upper
152	100		
151	19.3	14.9	22.3

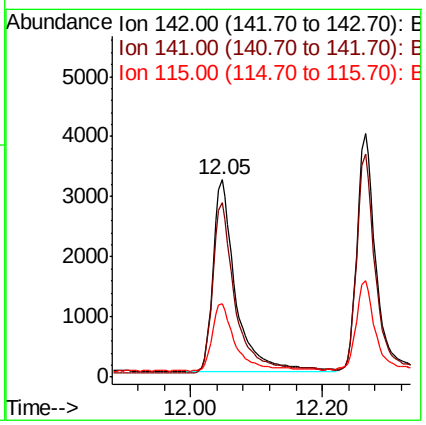


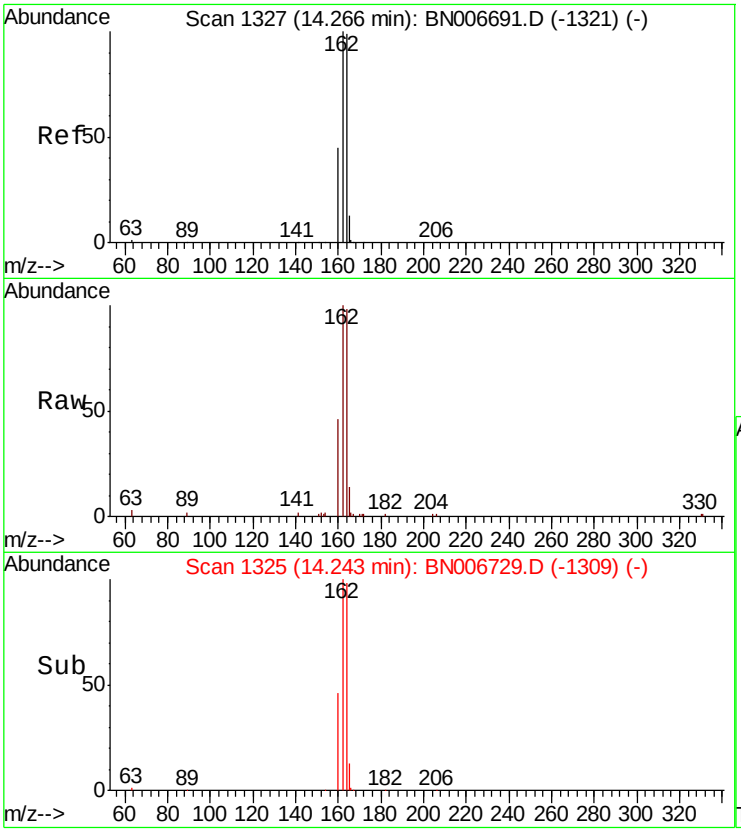


#12
2-Methylnaphthalene
Concen: 0.356 ng
RT: 12.05 min Scan# 1039
Delta R.T. -0.02 min
Lab File: BN006729.D
Acq: 05 Jul 2019 22:54

Tgt Ion:142 Resp: 7745

Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.3	105.5
115	37.0	28.9	43.3



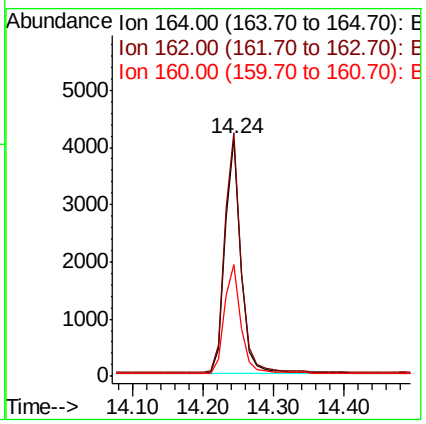


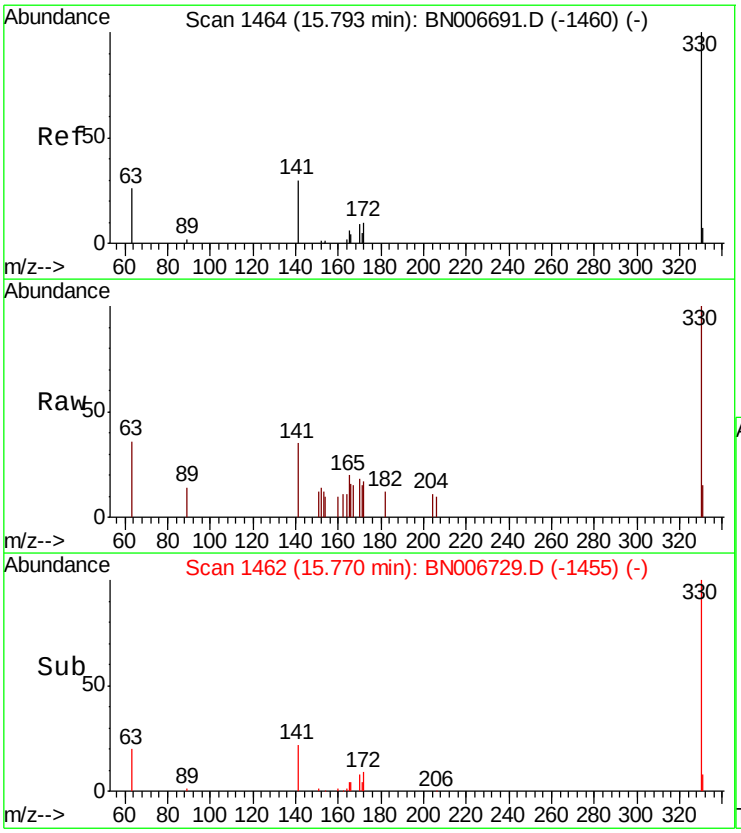
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.24 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BN006729.D
Acq: 05 Jul 2019 22:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 6542

Ion	Ratio	Lower	Upper
164	100		
162	102.4	80.8	121.2
160	47.1	37.0	55.6

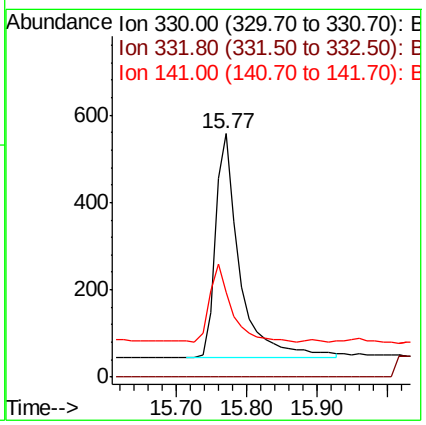


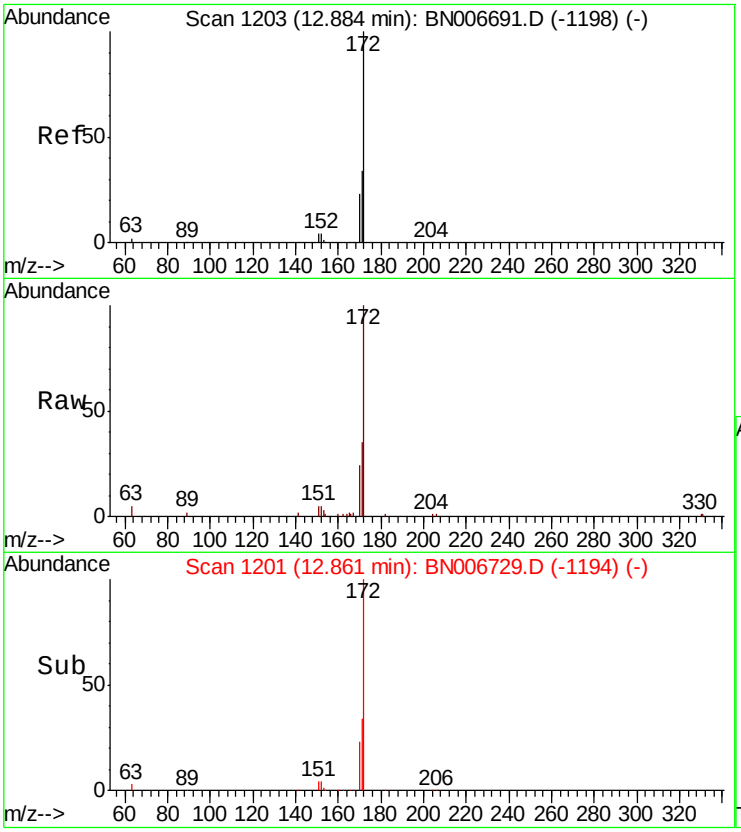


#14
2,4,6-Tribromophenol
Concen: 0.382 ng
RT: 15.77 min Scan# 1462
Delta R.T. -0.02 min
Lab File: BN006729.D
Acq: 05 Jul 2019 22:54

Tgt Ion:330 Resp: 1227

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	31.5	24.8	37.2



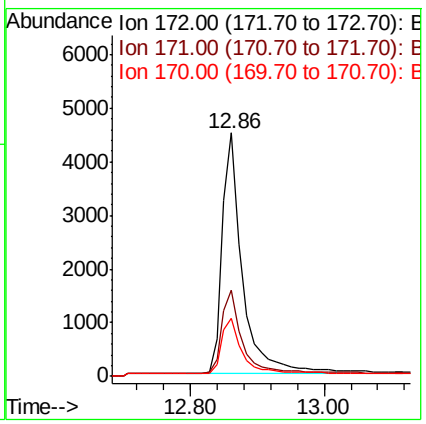


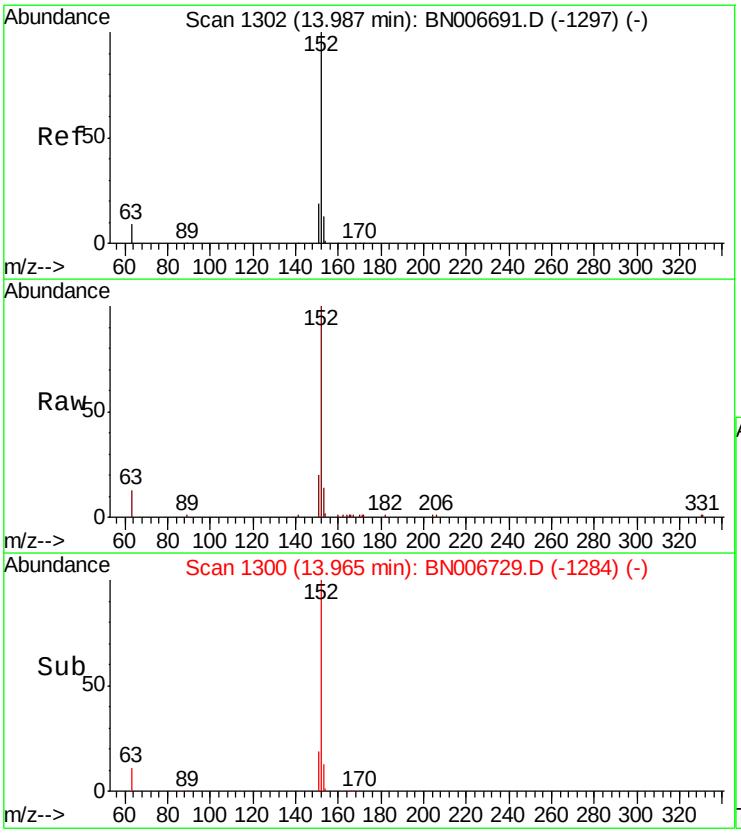
#15
2-Fluorobiphenyl
Concen: 0.370 ng
RT: 12.86 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BN006729.D
Acq: 05 Jul 2019 22:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 9477

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.8	41.6
170	23.7	18.9	28.3

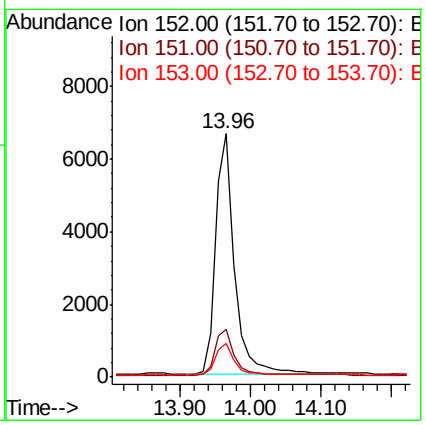


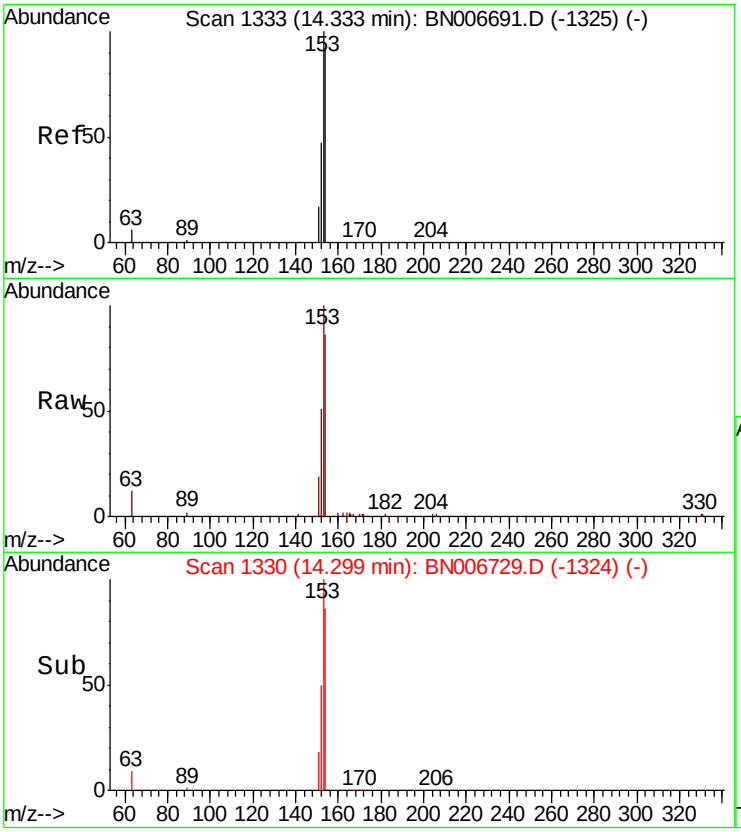


#16
Acenaphthylene
Concen: 0.382 ng
RT: 13.96 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BN006729.D
Acq: 05 Jul 2019 22:54

Tgt Ion:152 Resp: 12447

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



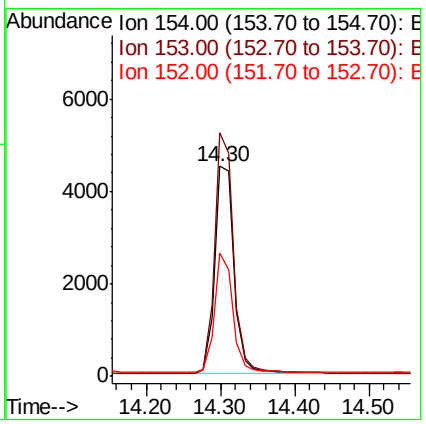


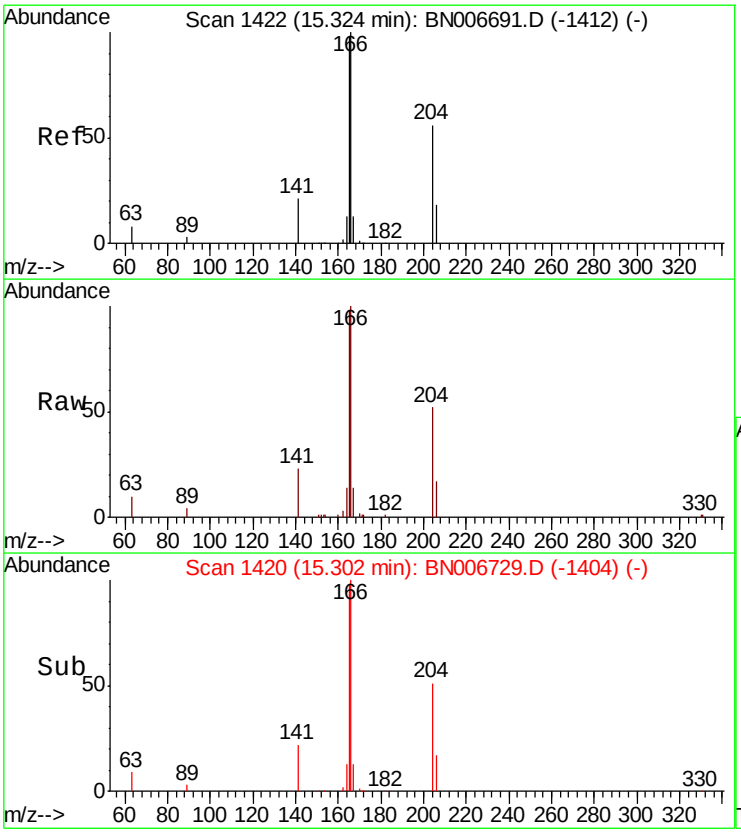
#17
Acenaphthene
Concen: 0.390 ng
RT: 14.30 min Scan# 1330
Delta R.T. -0.03 min
Lab File: BN006729.D
Acq: 05 Jul 2019 22:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 8100

Ion	Ratio	Lower	Upper
154	100		
153	113.7	88.9	133.3
152	55.4	42.8	64.2

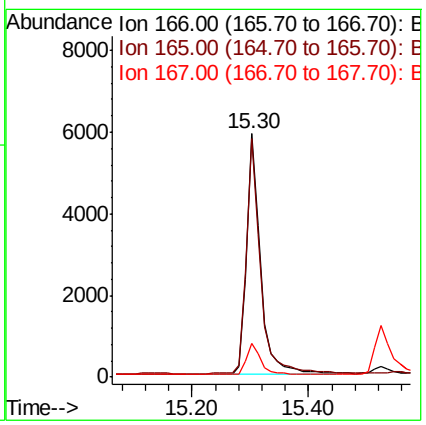


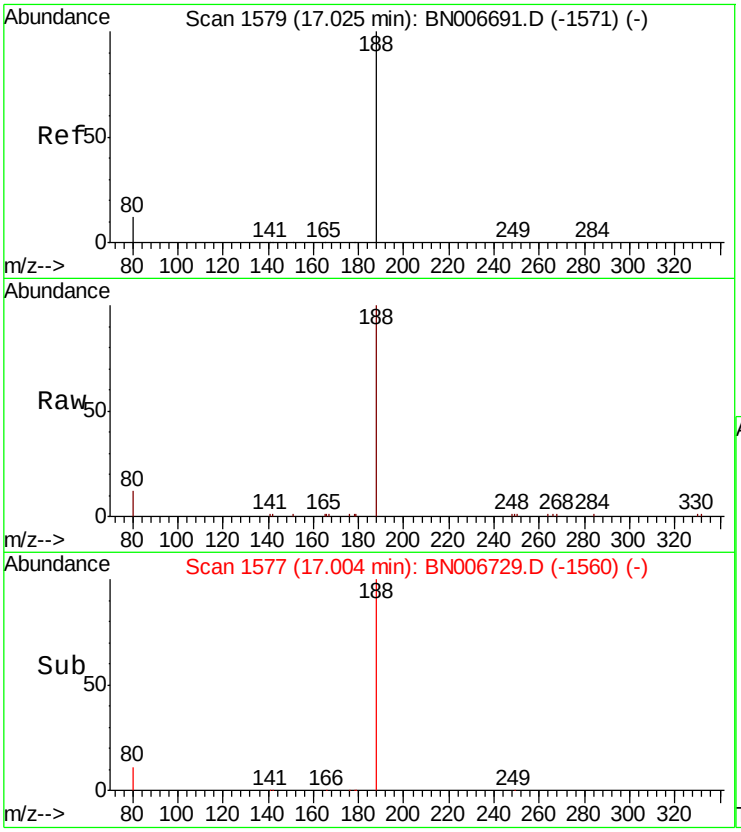


#18
Fluorene
Concen: 0.391 ng
RT: 15.30 min Scan# 1420
Delta R.T. -0.02 min
Lab File: BN006729.D
Acq: 05 Jul 2019 22:54

Tgt Ion:166 Resp: 10099

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



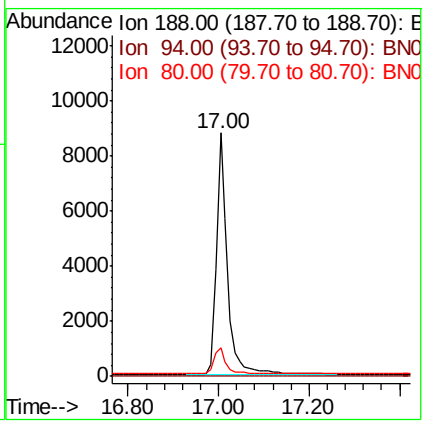


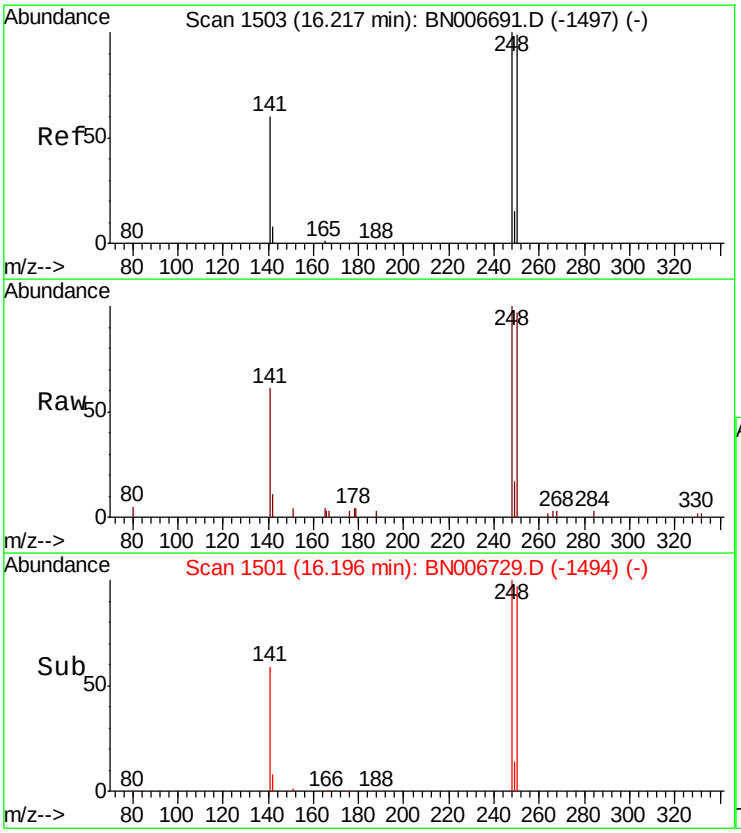
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.00 min Scan# 1577
Delta R.T. -0.02 min
Lab File: BN006729.D
Acq: 05 Jul 2019 22:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 15219

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.8	10.3	15.5

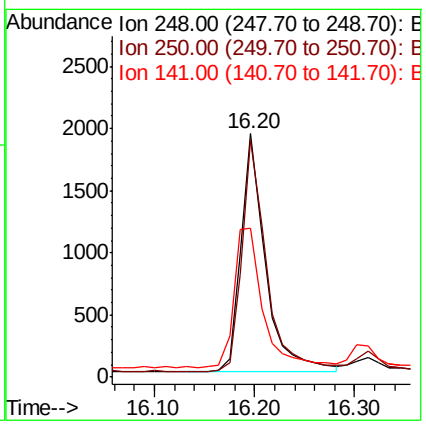


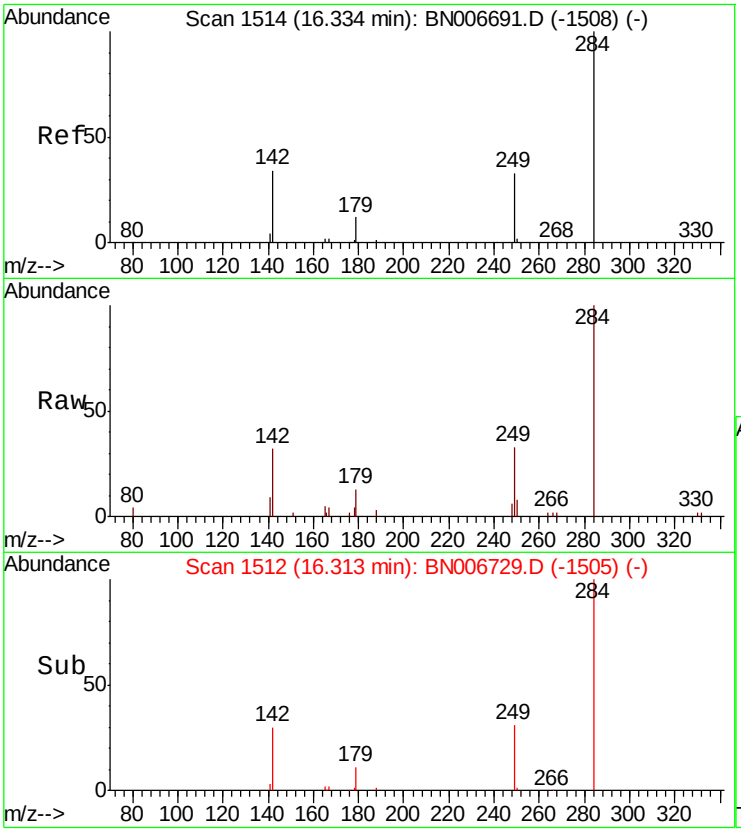


#20
4-Bromophenyl-phenylether
Concen: 0.362 ng
RT: 16.20 min Scan# 1501
Delta R.T. -0.02 min
Lab File: BN006729.D
Acq: 05 Jul 2019 22:54

Tgt Ion:248 Resp: 3242

Ion	Ratio	Lower	Upper
248	100		
250	97.2	79.0	118.6
141	61.1	50.2	75.4



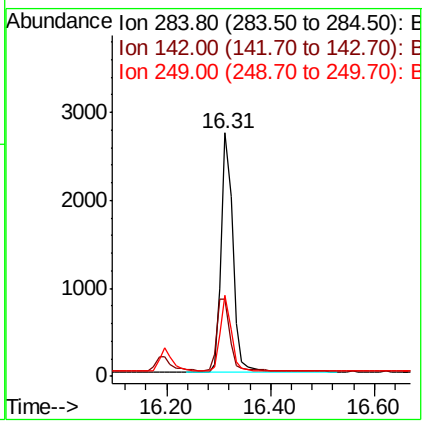


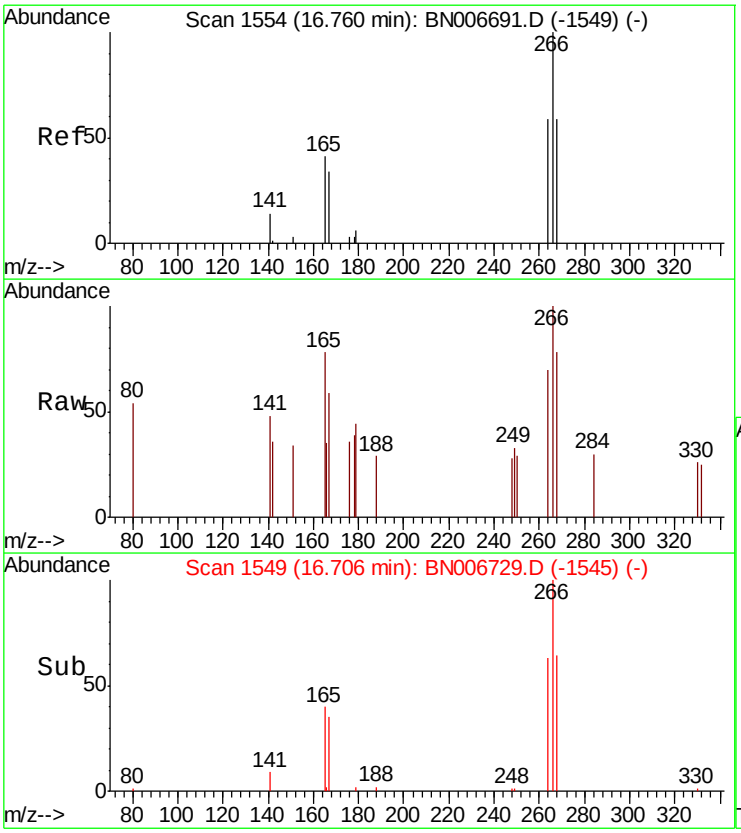
#21
Hexachlorobenzene
Concen: 0.395 ng
RT: 16.31 min Scan# 1512
Delta R.T. -0.02 min
Lab File: BN006729.D
Acq: 05 Jul 2019 22:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 4214

Ion	Ratio	Lower	Upper
284	100		
142	33.8	26.9	40.3
249	29.8	24.4	36.6

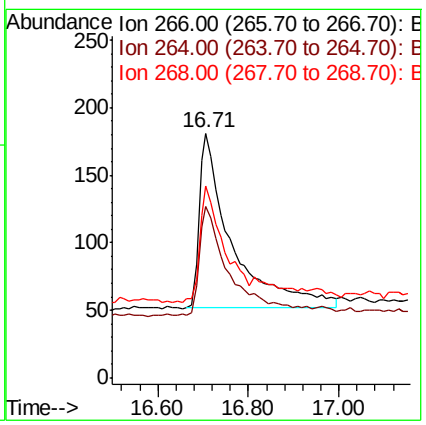


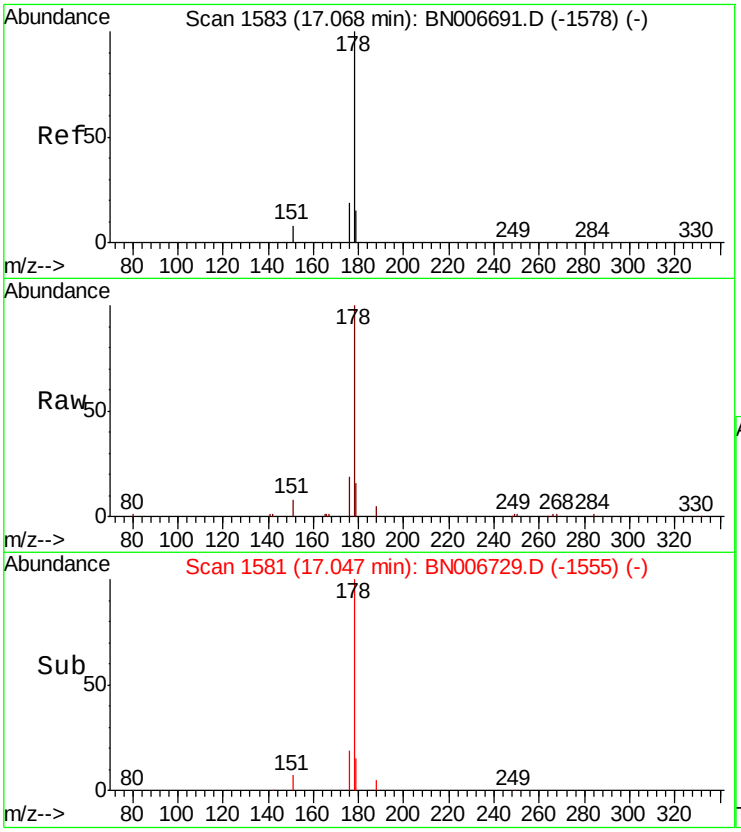


#22
Pentachlorophenol
Concen: 0.542 ng
RT: 16.71 min Scan# 1549
Delta R.T. -0.05 min
Lab File: BN006729.D
Acq: 05 Jul 2019 22:54

Tgt Ion:266 Resp: 639

Ion	Ratio	Lower	Upper
266	100		
264	70.2	57.6	86.4
268	78.5	66.6	99.8



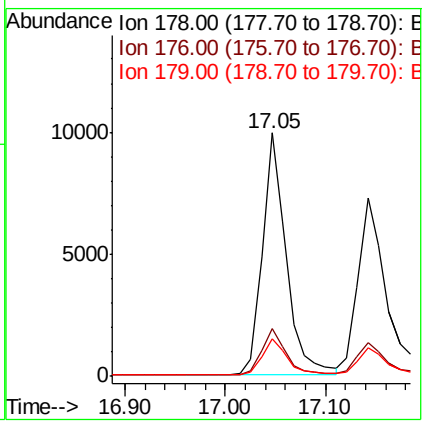


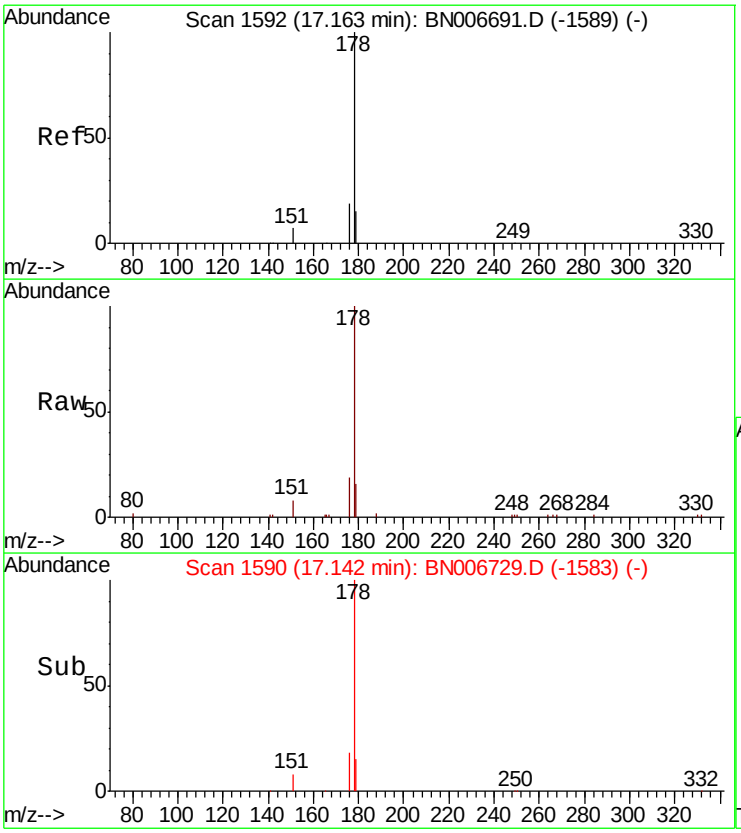
#23
Phenanthrene
Concen: 0.372 ng
RT: 17.05 min Scan# 1581
Delta R.T. -0.02 min
Lab File: BN006729.D
Acq: 05 Jul 2019 22:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 16323

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.3	12.4	18.6

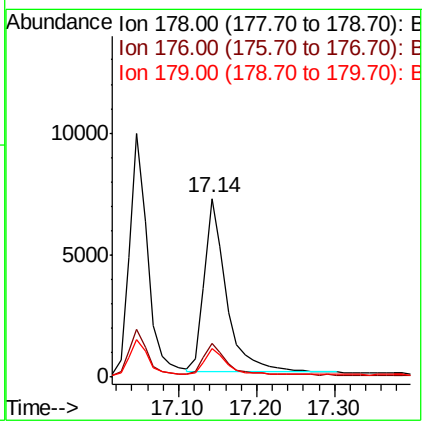


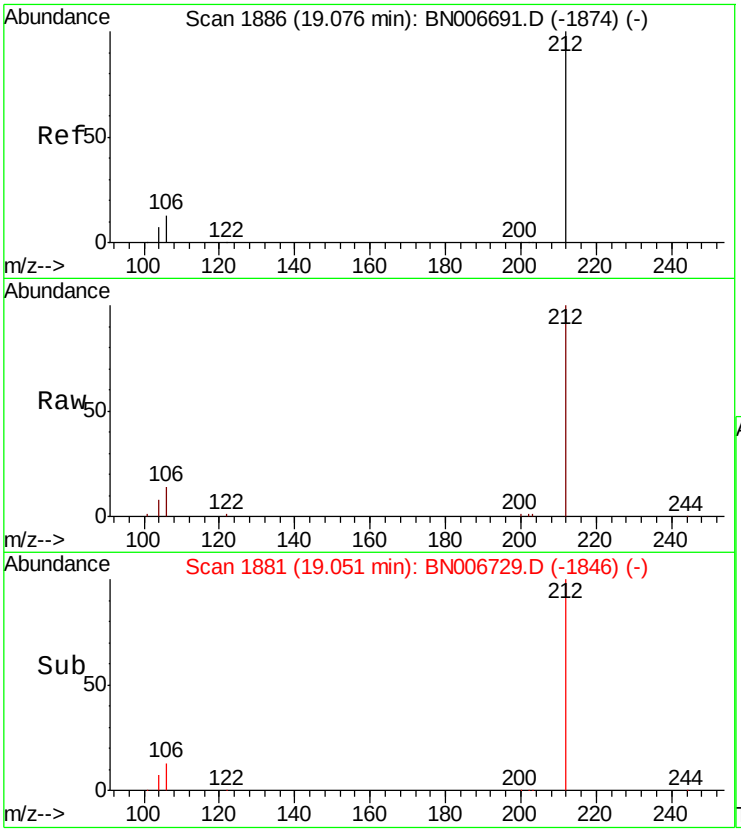


#24
Anthracene
Concen: 0.355 ng
RT: 17.14 min Scan# 1590
Delta R.T. -0.02 min
Lab File: BN006729.D
Acq: 05 Jul 2019 22:54

Tgt Ion:178 Resp: 14071

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.8	22.2
179	15.0	11.9	17.9



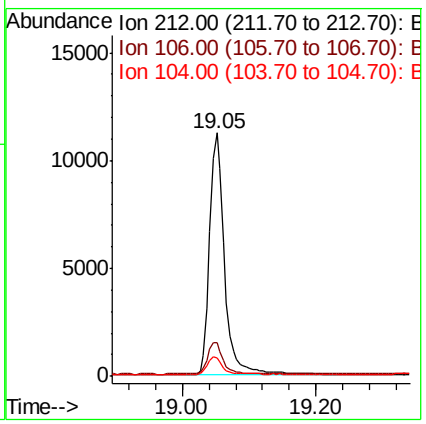


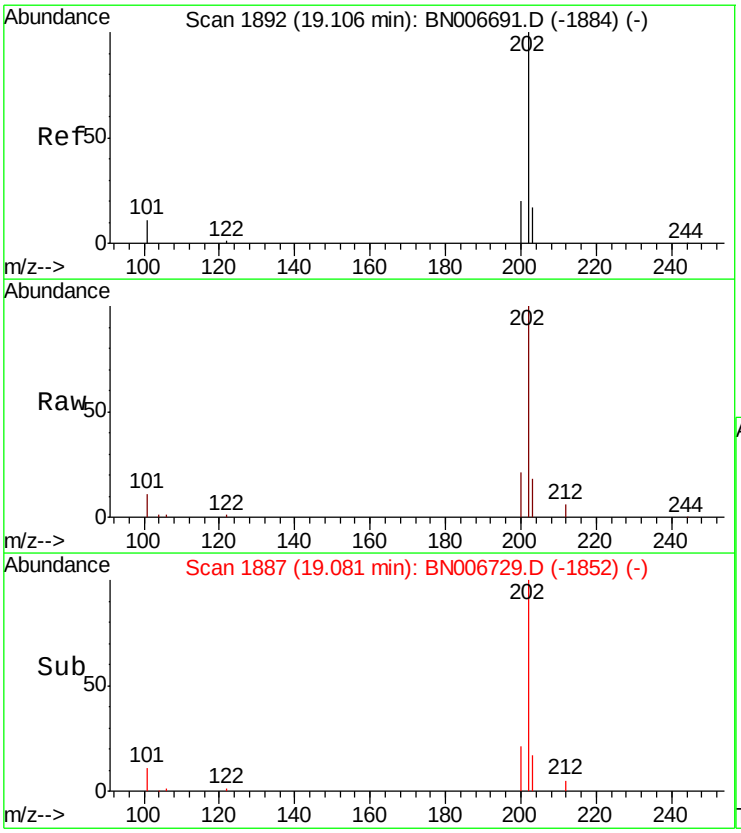
#25
Fluoranthene-d10
Concen: 0.406 ng
RT: 19.05 min Scan# 1881
Delta R.T. -0.02 min
Lab File: BN006729.D
Acq: 05 Jul 2019 22:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 17677

Ion	Ratio	Lower	Upper
212	100		
106	13.1	11.0	16.6
104	7.2	6.1	9.1

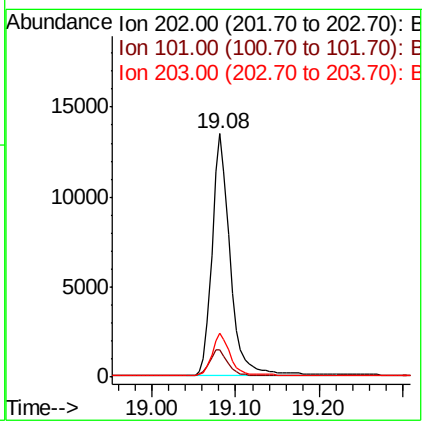


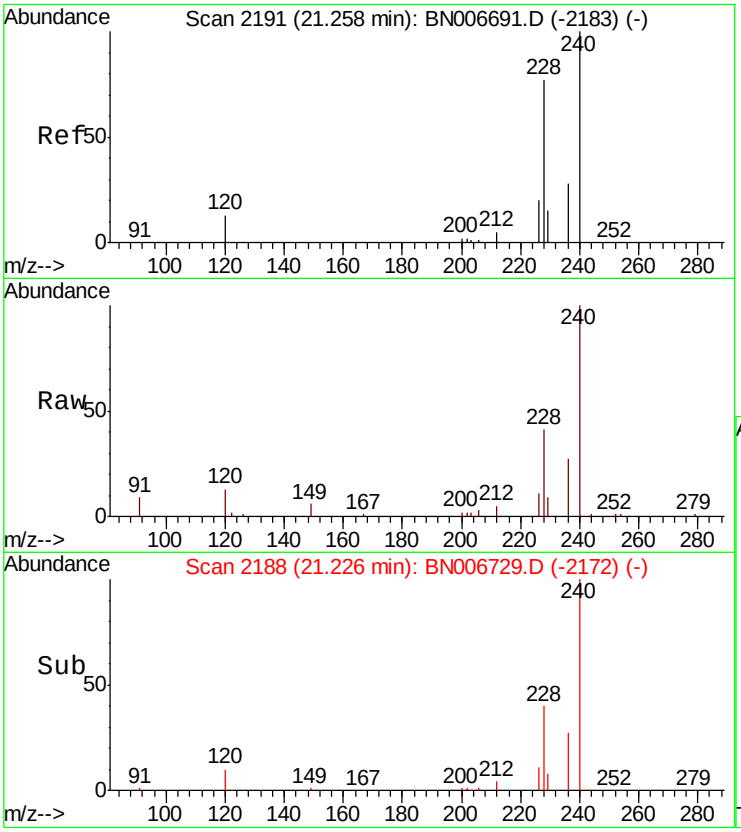


#26
Fluoranthene
Concen: 0.395 ng
RT: 19.08 min Scan# 1887
Delta R.T. -0.02 min
Lab File: BN006729.D
Acq: 05 Jul 2019 22:54

Tgt Ion:202 Resp: 20358

Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.7	13.1
203	17.4	13.8	20.6



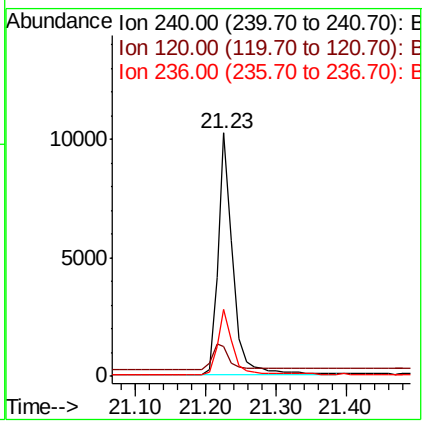


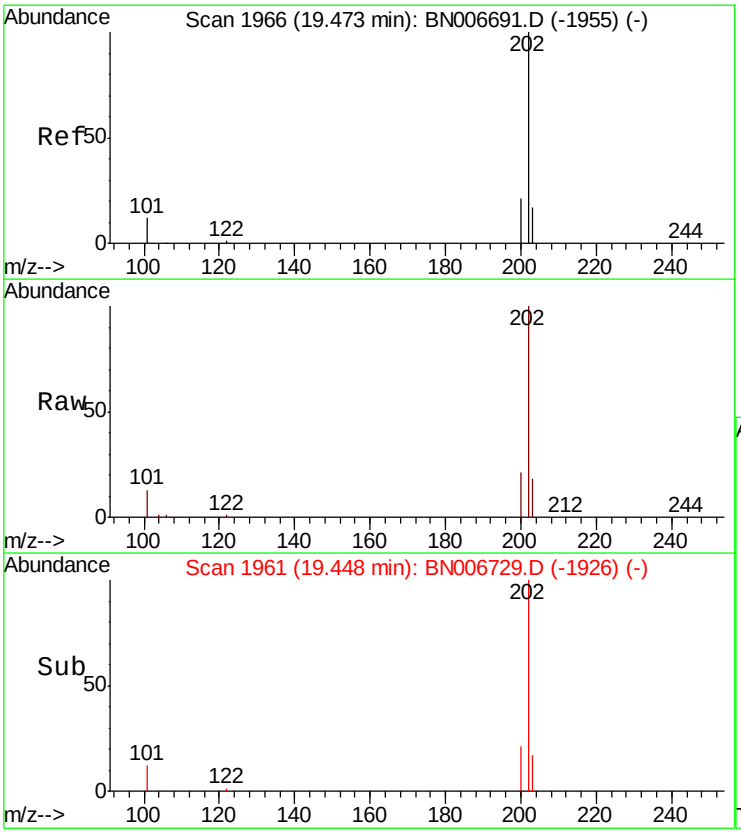
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.23 min Scan# 2188
Delta R.T. -0.03 min
Lab File: BN006729.D
Acq: 05 Jul 2019 22:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 15237

Ion	Ratio	Lower	Upper
240	100		
120	12.5	12.9	19.3#
236	27.3	23.2	34.8

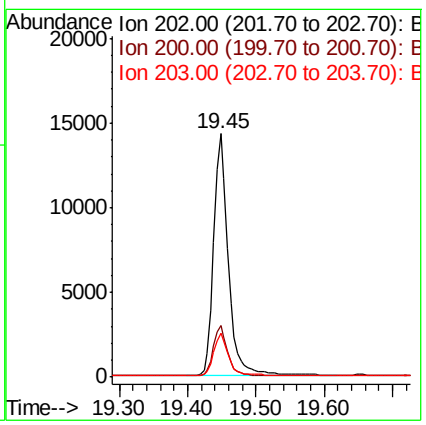


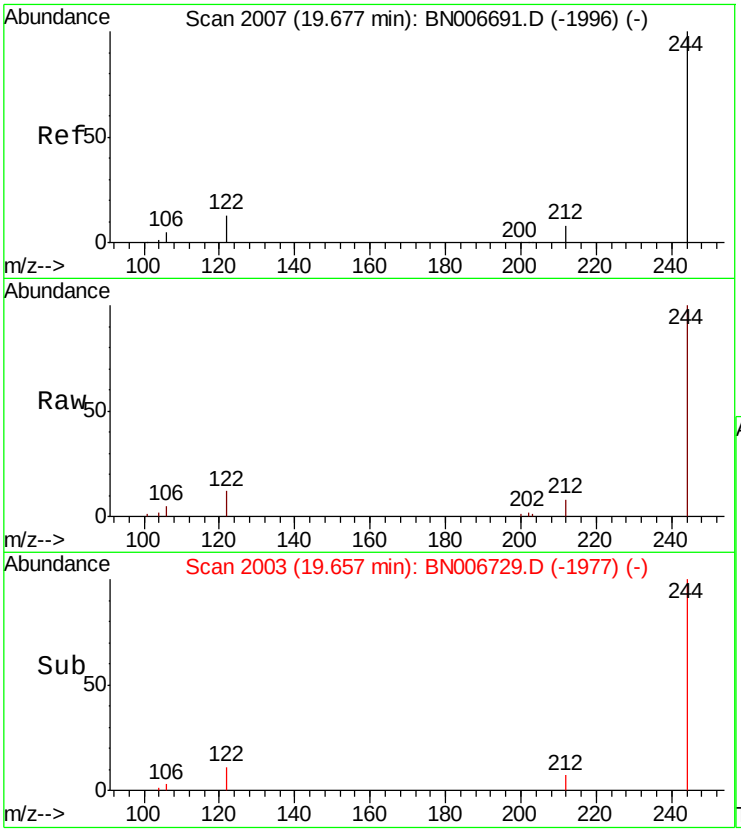


#28
Pyrene
Concen: 0.348 ng
RT: 19.45 min Scan# 1961
Delta R.T. -0.02 min
Lab File: BN006729.D
Acq: 05 Jul 2019 22:54

Tgt Ion:202 Resp: 21221

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.8	25.2
203	17.6	14.2	21.2



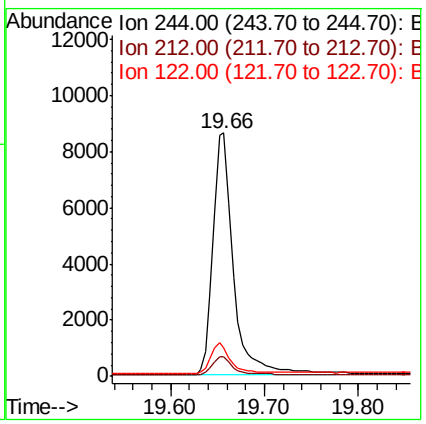


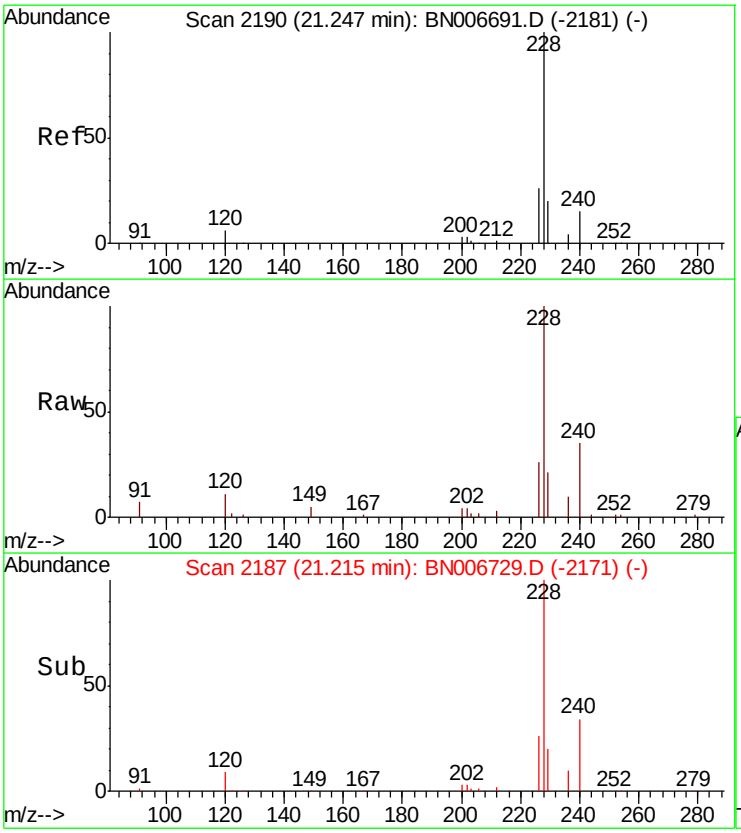
#29
Terphenyl-d14
Concen: 0.374 ng
RT: 19.66 min Scan# 2003
Delta R.T. -0.02 min
Lab File: BN006729.D
Acq: 05 Jul 2019 22:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 13117

Ion	Ratio	Lower	Upper
244	100		
212	8.0	7.0	10.4
122	11.9	11.5	17.3

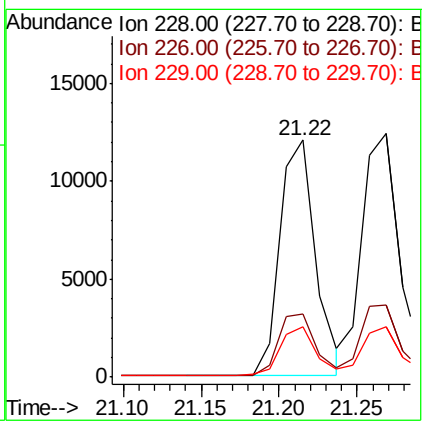


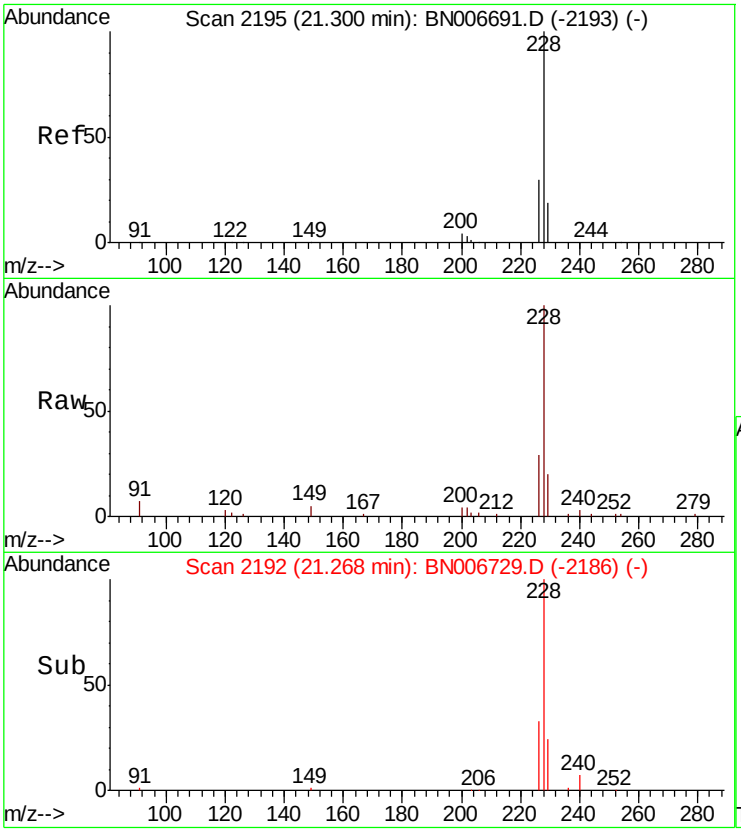


#30
Benzo(a)anthracene
Concen: 0.362 ng
RT: 21.22 min Scan# 2187
Delta R.T. -0.03 min
Lab File: BN006729.D
Acq: 05 Jul 2019 22:54

Tgt Ion:228 Resp: 19006

Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.5	32.3
229	21.1	16.2	24.4



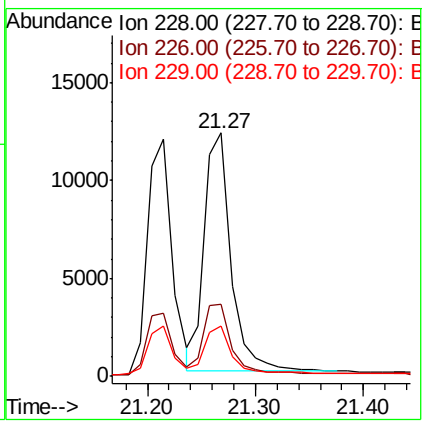


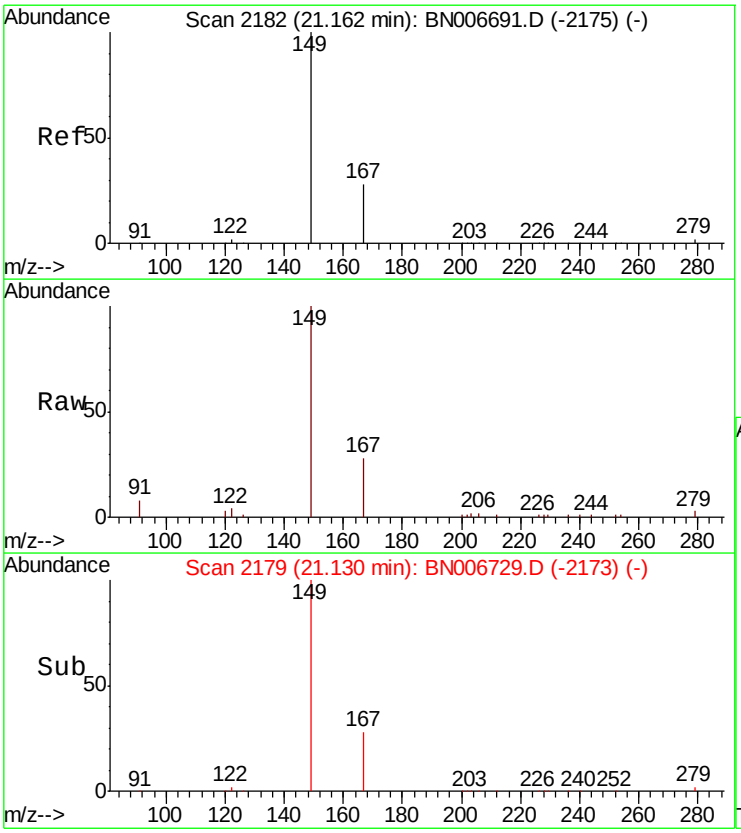
#31
Chrysene
Concen: 0.388 ng
RT: 21.27 min Scan# 2192
Delta R.T. -0.03 min
Lab File: BN006729.D
Acq: 05 Jul 2019 22:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 21006

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.2	36.2
229	20.5	15.8	23.6

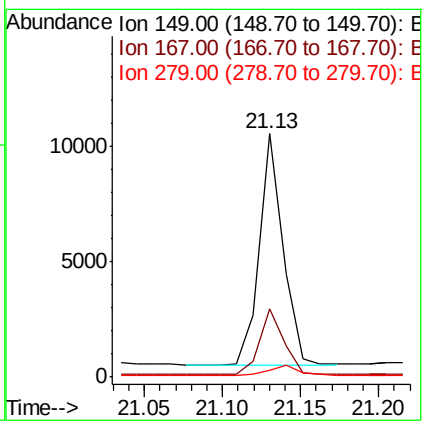


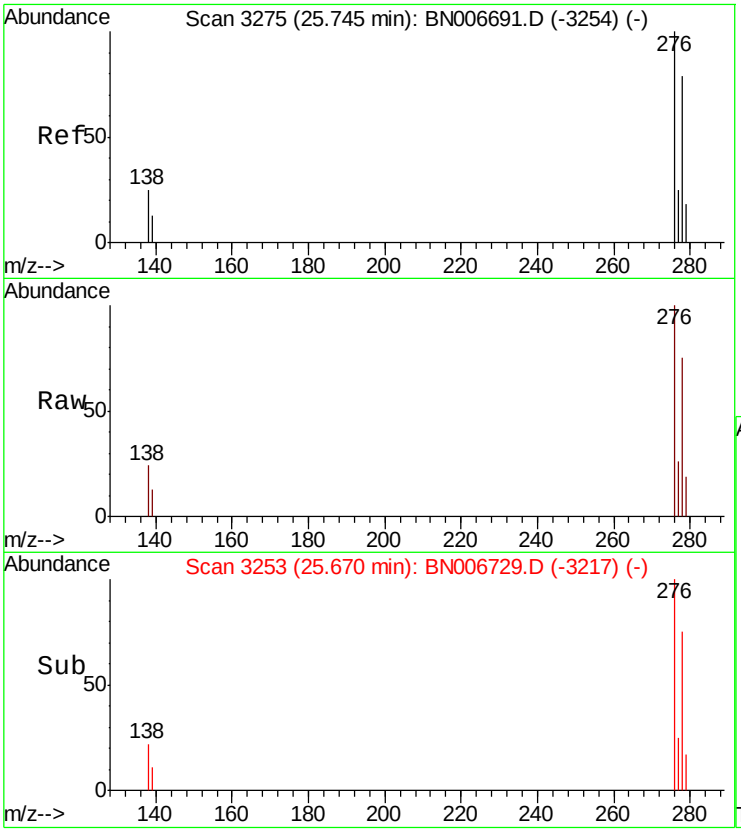


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.067 ng
RT: 21.13 min Scan# 2179
Delta R.T. -0.03 min
Lab File: BN006729.D
Acq: 05 Jul 2019 22:54

Tgt Ion:149 Resp: 10473

Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.9	34.3
279	4.7	3.2	4.8



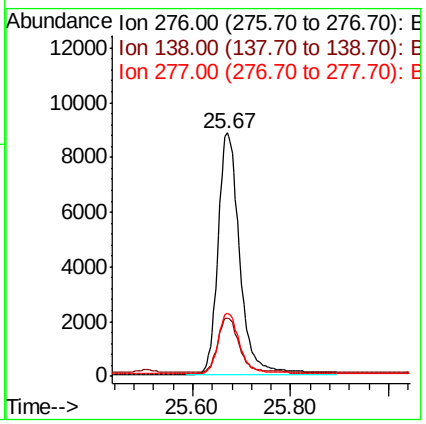


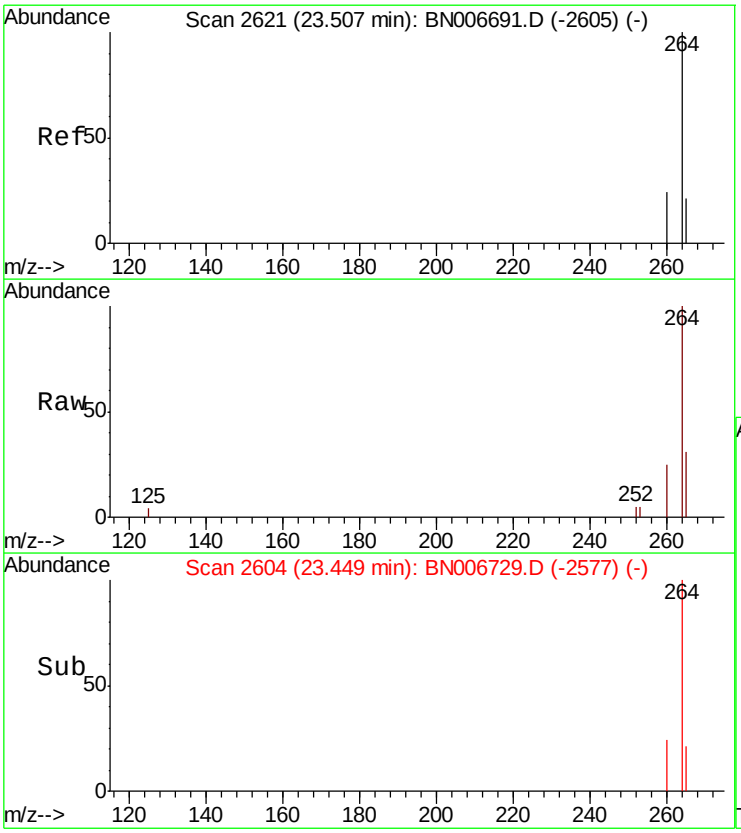
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.420 ng
RT: 25.67 min Scan# 3253
Delta R.T. -0.08 min
Lab File: BN006729.D
Acq: 05 Jul 2019 22:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 27230

Ion	Ratio	Lower	Upper
276	100		
138	22.3	19.5	29.3
277	24.5	19.7	29.5

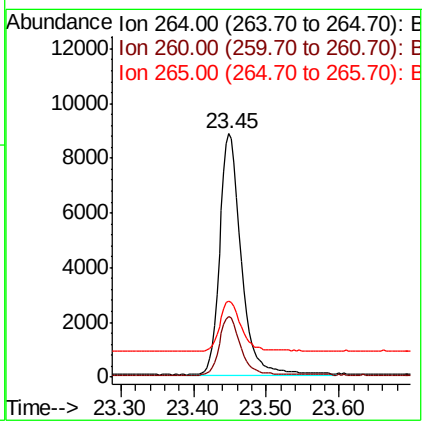


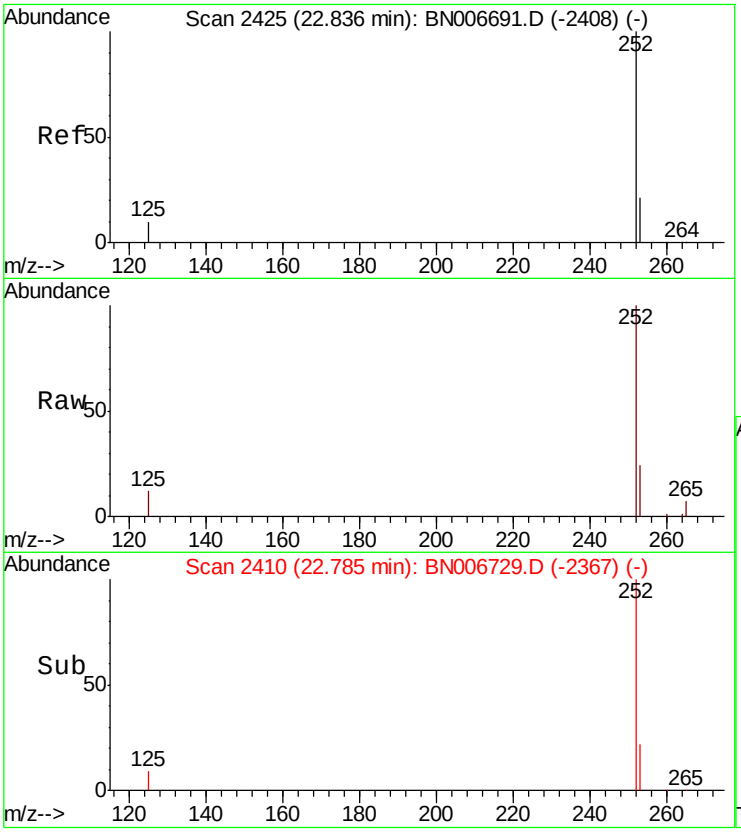


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.45 min Scan# 2604
Delta R.T. -0.06 min
Lab File: BN006729.D
Acq: 05 Jul 2019 22:54

Tgt Ion:264 Resp: 18123

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.2	30.2
265	31.4	33.7	50.5#



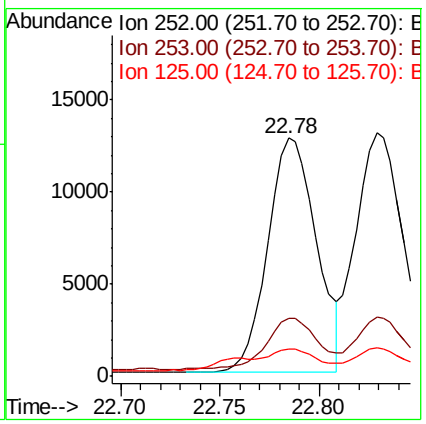


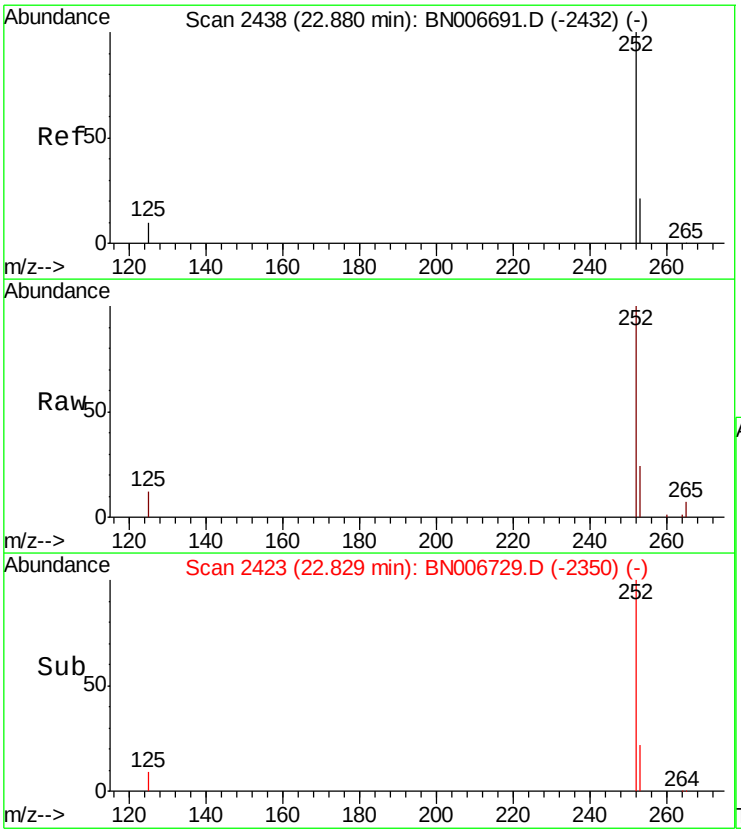
#35
Benzo(b)fluoranthene
Concen: 0.375 ng
RT: 22.78 min Scan# 2410
Delta R.T. -0.05 min
Lab File: BN006729.D
Acq: 05 Jul 2019 22:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 21819

Ion	Ratio	Lower	Upper
252	100		
253	24.3	20.2	30.2
125	11.6	11.5	17.3

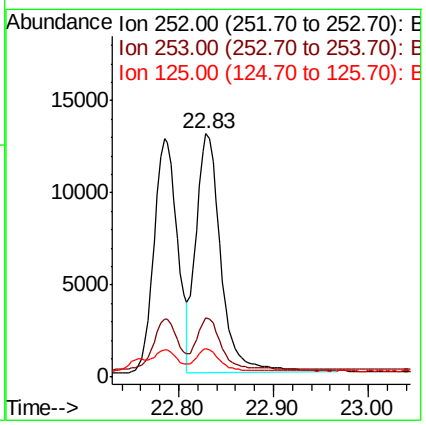


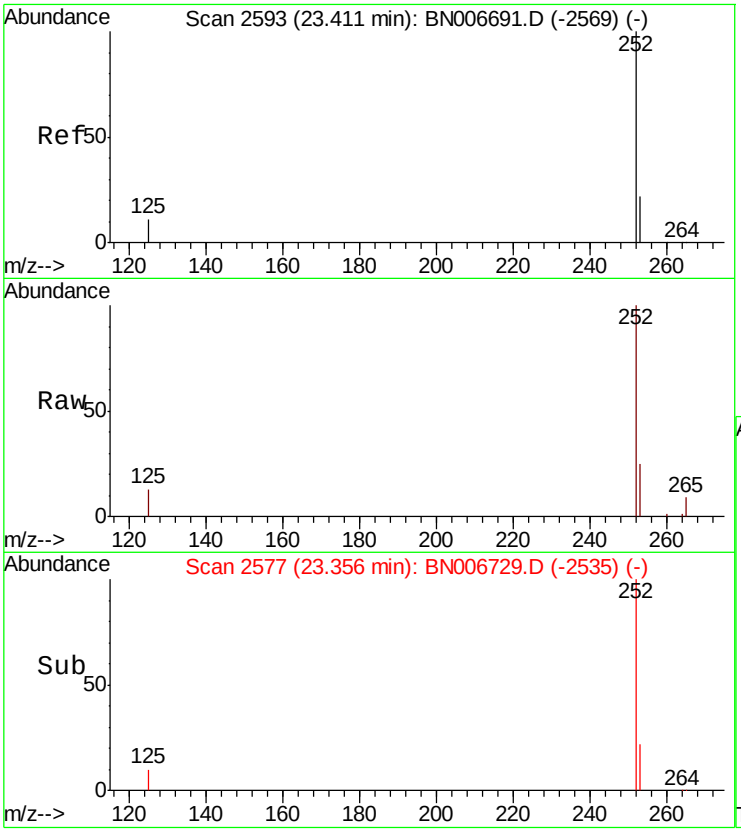


#36
Benzo(k)fluoranthene
Concen: 0.370 ng
RT: 22.83 min Scan# 2423
Delta R.T. -0.05 min
Lab File: BN006729.D
Acq: 05 Jul 2019 22:54

Tgt Ion:252 Resp: 23357

Ion	Ratio	Lower	Upper
252	100		
253	24.2	20.1	30.1
125	11.5	11.4	17.0



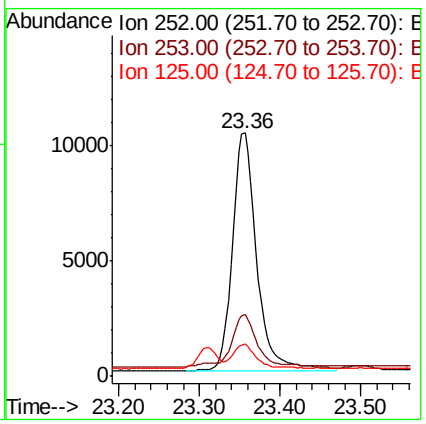


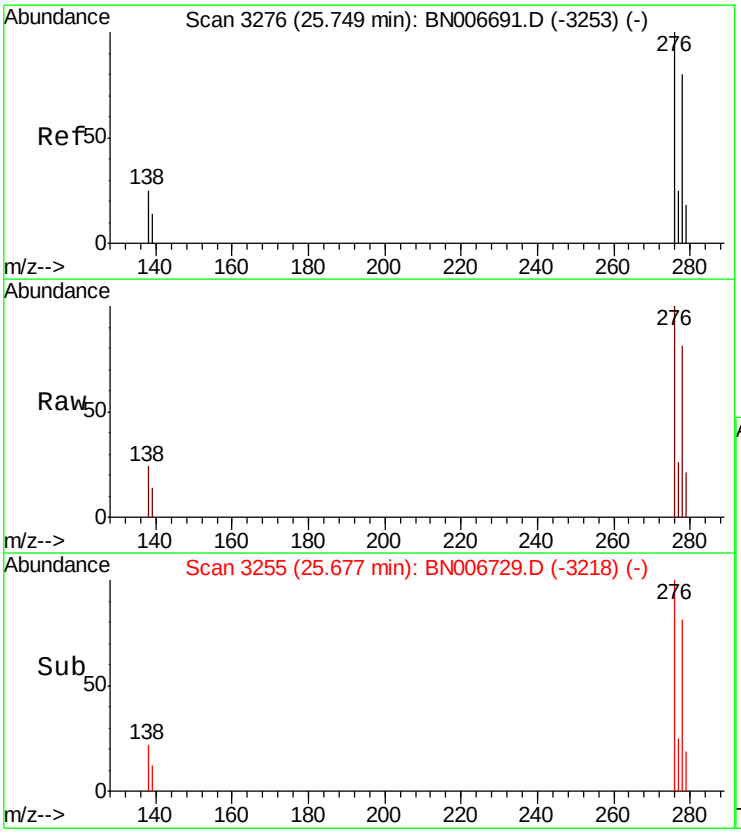
#37
Benzo(a)pyrene
Concen: 0.383 ng
RT: 23.36 min Scan# 2577
Delta R.T. -0.05 min
Lab File: BN006729.D
Acq: 05 Jul 2019 22:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 21604

Ion	Ratio	Lower	Upper
252	100		
253	25.4	21.4	32.2
125	13.1	13.3	19.9#

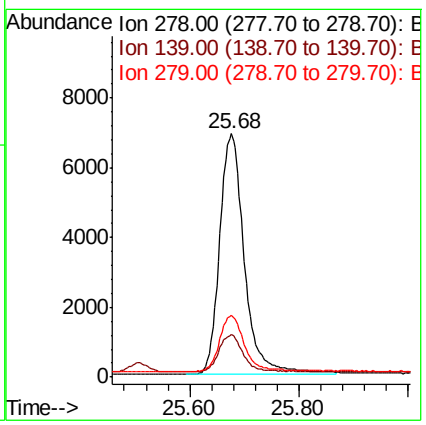


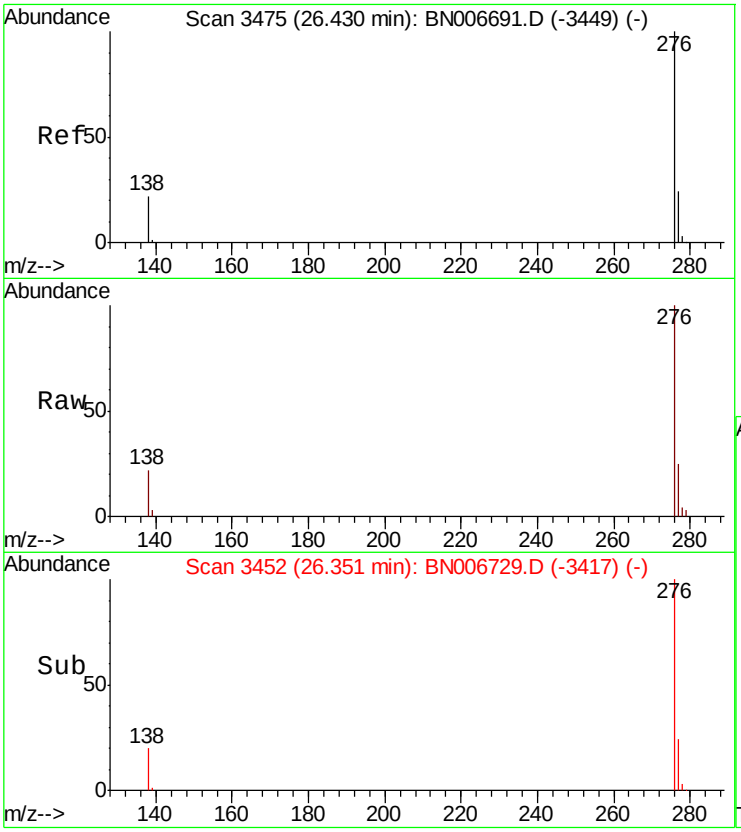


#38
Dibenzo(a,h)anthracene
Concen: 0.390 ng
RT: 25.68 min Scan# 3255
Delta R.T. -0.07 min
Lab File: BN006729.D
Acq: 05 Jul 2019 22:54

Tgt Ion:278 Resp: 21827

Ion	Ratio	Lower	Upper
278	100		
139	17.4	16.2	24.4
279	25.4	20.7	31.1





#39
Benzo(g,h,i)perylene
Concen: 0.388 ng
RT: 26.35 min Scan# 3452
Delta R.T. -0.08 min
Lab File: BN006729.D
Acq: 05 Jul 2019 22:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 22357

Ion	Ratio	Lower	Upper
276	100		
277	24.8	20.6	30.8
138	21.6	19.7	29.5