Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070819\
Data File : BN006759.D
Acq On : 08 Jul 2019 15:39
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Jul 09 03:10:42 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	2353	0.40	ng		-0.02
7) Naphthalene-d8	10.38	136	9311	0.40	ng		-0.01
13) Acenaphthene-d10	14.24	164	5465	0.40	ng		-0.02
19) Phenanthrene-d10	17.01	188	12298	0.40	ng		-0.01
27) Chrysene-d12	21.25	240	12060	0.40	ng		-0.01
34) Perylene-d12	23.48	264	13689	0.40	ng		-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.24	112	1994	0.31	ng		0.00
5) Phenol-d6	6.83	99	2760	0.34	ng		0.00
8) Nitrobenzene-d5	8.79	82	2421	0.34	ng		0.00
11) 2-Methylnaphthalene-d10	11.99	152	6032	0.43	ng		0.00
14) 2,4,6-Tribromophenol	15.78	330	966	0.36	ng		-0.01
15) 2-Fluorobiphenyl	12.87	172	8608	0.40	ng		-0.01
25) Fluoranthene-d10	19.06	212	15695	0.45	ng		-0.02
29) Terphenyl-d14	19.67	244	11522	0.41	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	1737	0.472	ng		97
3) n-Nitrosodimethylamine	3.49	42	984	0.355	ng	#	77
6) bis(2-Chloroethyl)ether	7.06	93	2756	0.403	ng	#	84
9) Naphthalene	10.43	128	10886	0.427	ng		100
10) Hexachlorobutadiene	10.69	225	2382	0.462	ng	#	100
12) 2-Methylnaphthalene	12.06	142	6997	0.389	ng		97
16) Acenaphthylene	13.96	152	10668	0.392	ng		99
17) Acenaphthene	14.31	154	7470	0.430	ng		98
18) Fluorene	15.31	166	9000	0.417	ng		99
20) 4-Bromophenyl-phenylether	16.21	248	2872	0.396	ng		96
21) Hexachlorobenzene	16.32	284	3986	0.462	ng		99
22) Pentachlorophenol	16.73	266	428	0.472	ng		98
23) Phenanthrene	17.06	178	14633	0.413	ng		100
24) Anthracene	17.15	178	12052	0.376	ng		100
26) Fluoranthene	19.09	202	18088	0.435	ng		100
28) Pyrene	19.46	202	18696	0.387	ng		99
30) Benzo(a)anthracene	21.23	228	15759	0.379	ng		99
31) Chrysene	21.28	228	18139	0.423	ng		100
32) Bis(2-ethylhexyl)phthalate	21.14	149	6676	0.054	ng		100
33) Indeno(1,2,3-cd)pyrene	25.70	276	22894	0.447	ng		98
35) Benzo(b)fluoranthene	22.81	252	17796	0.405	ng	#	96
36) Benzo(k)fluoranthene	22.85	252	21106	0.443	ng	#	96
37) Benzo(a)pyrene	23.38	252	17849	0.419	ng	#	95
38) Dibenzo(a,h)anthracene	25.71	278	17917	0.424	ng		96
39) Benzo(g,h,i)perylene	26.39	276	19327	0.444	ng		95

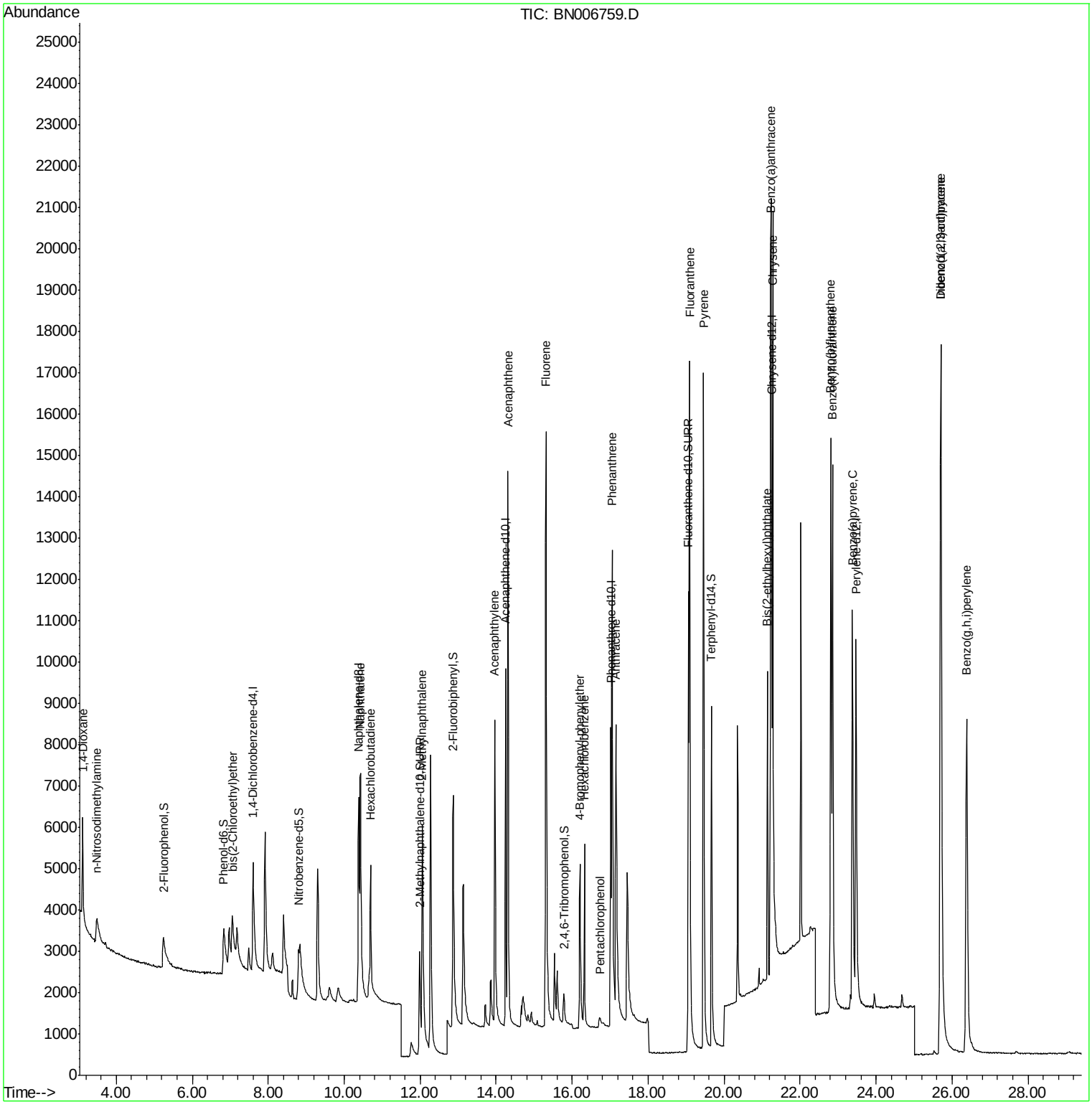
(#) = qualifier out of range (m) = manual integration (+) = signals summed

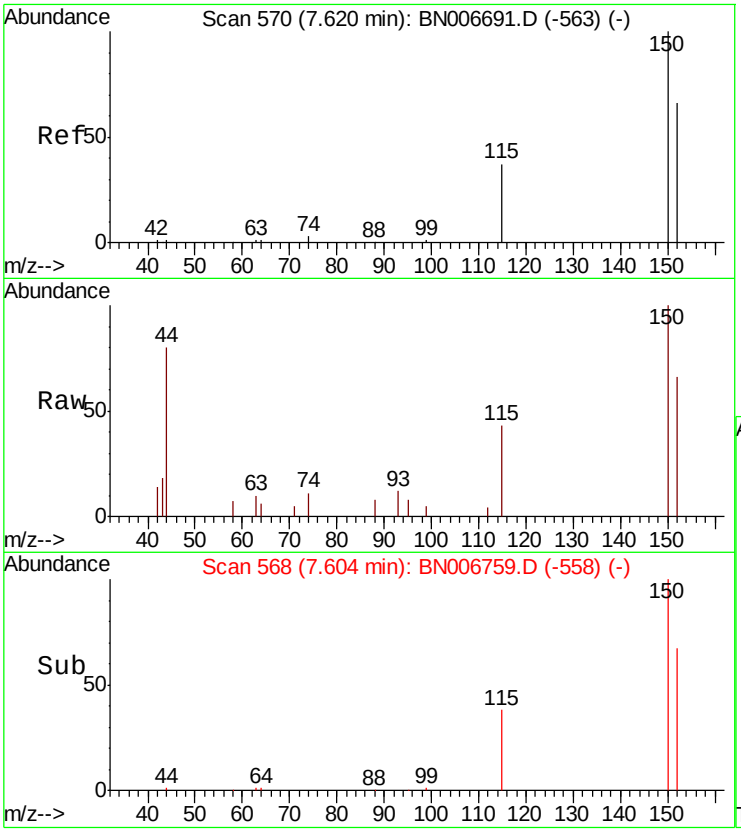
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070819\
Data File : BN006759.D
Acq On : 08 Jul 2019 15:39
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jul 09 03:10:42 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



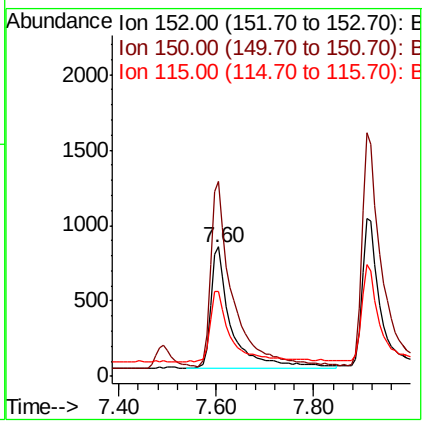


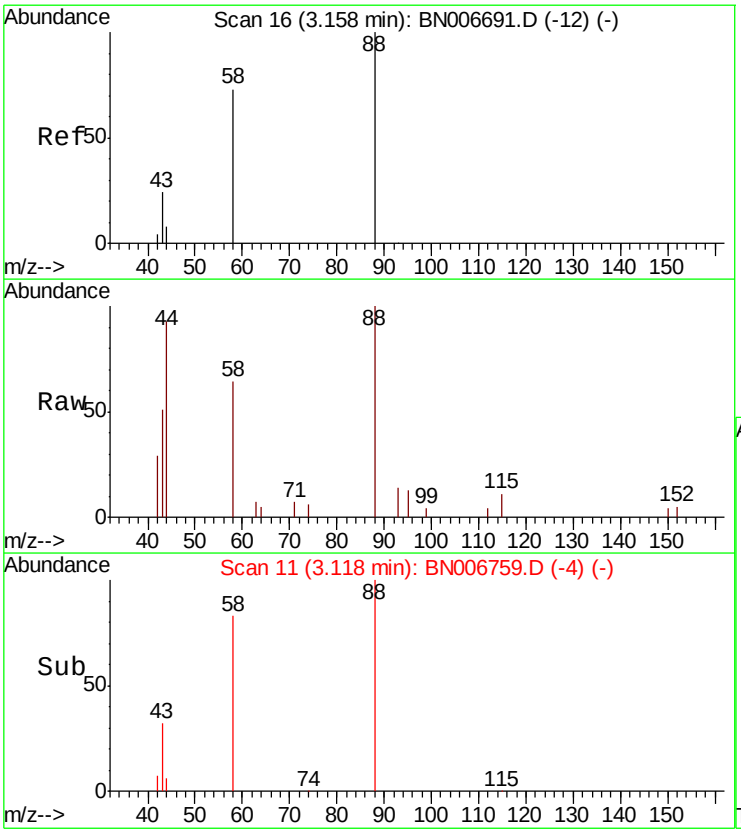
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 568
Delta R.T. -0.02 min
Lab File: BN006759.D
Acq: 08 Jul 2019 15:39

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 2353

Ion	Ratio	Lower	Upper
152	100		
150	150.8	120.6	181.0
115	65.3	51.0	76.6

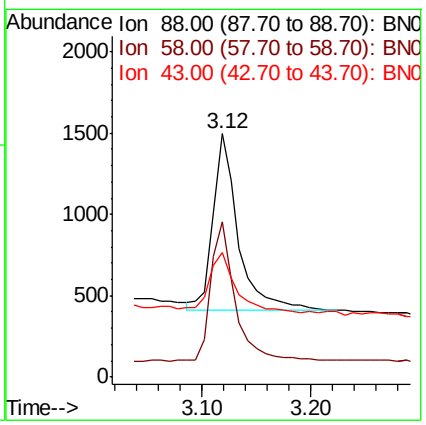


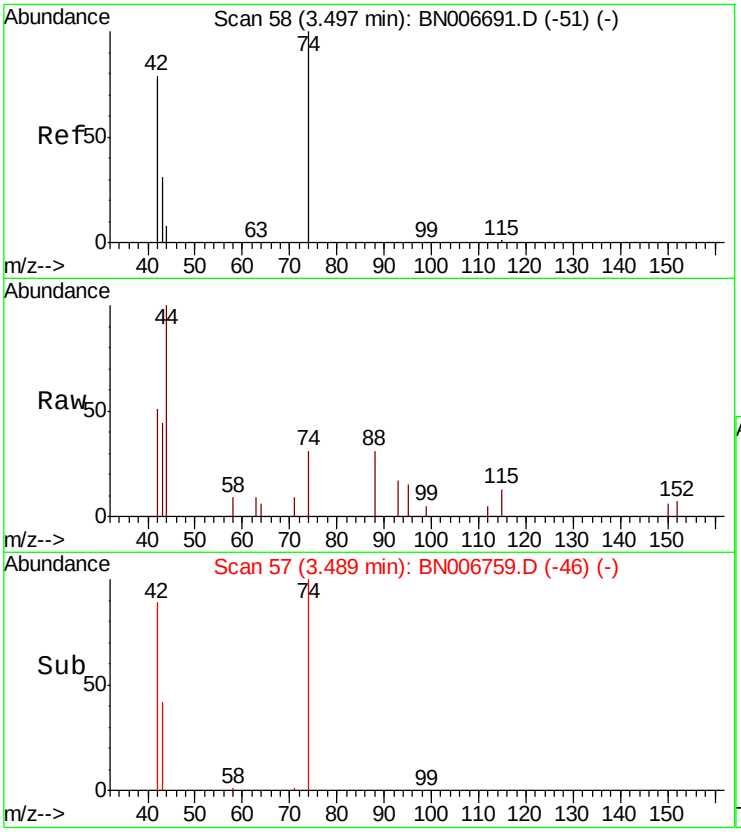


#2
1,4-Dioxane
Concen: 0.472 ng
RT: 3.12 min Scan# 11
Delta R.T. -0.04 min
Lab File: BN006759.D
Acq: 08 Jul 2019 15:39

Tgt Ion: 88 Resp: 1737

Ion	Ratio	Lower	Upper
88	100		
58	76.9	61.1	91.7
43	35.8	32.4	48.6



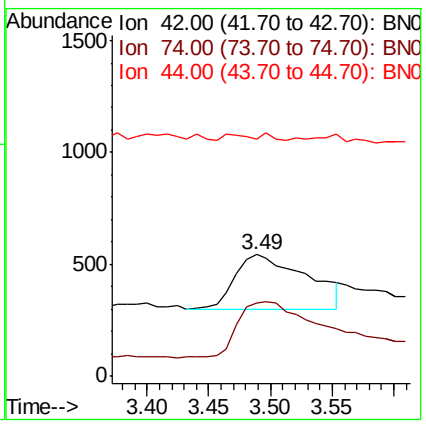


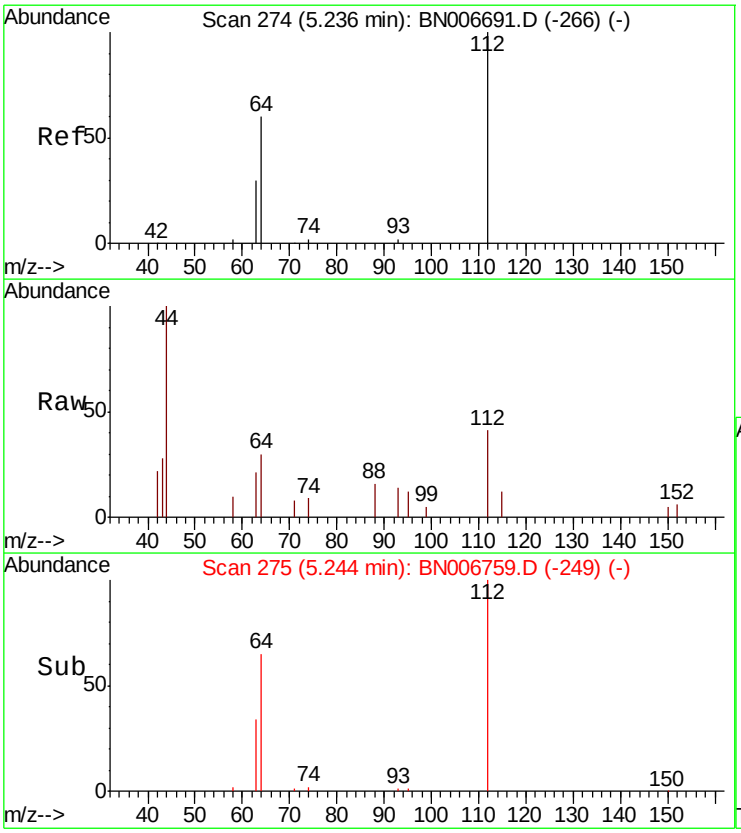
#3
n-Nitrosodimethylamine
Concen: 0.355 ng
RT: 3.49 min Scan# 57
Delta R.T. -0.01 min
Lab File: BN006759.D
Acq: 08 Jul 2019 15:39

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 984

Ion	Ratio	Lower	Upper
42	100		
74	106.8	106.6	160.0
44	0.0	8.0	12.0#

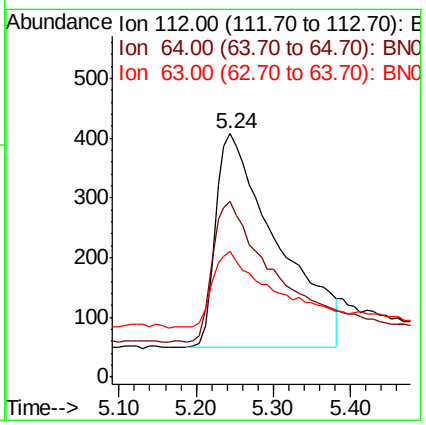


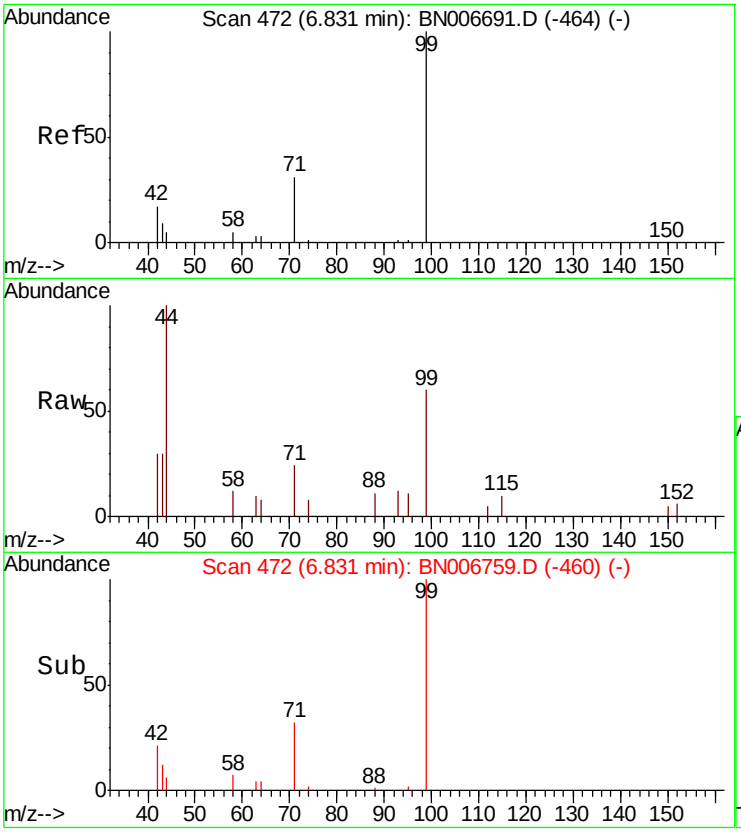


#4
2-Fluorophenol
Concen: 0.312 ng
RT: 5.24 min Scan# 275
Delta R.T. 0.01 min
Lab File: BN006759.D
Acq: 08 Jul 2019 15:39

Tgt Ion:112 Resp: 1994

Ion	Ratio	Lower	Upper
112	100		
64	67.6	49.8	74.6
63	36.0	25.8	38.6



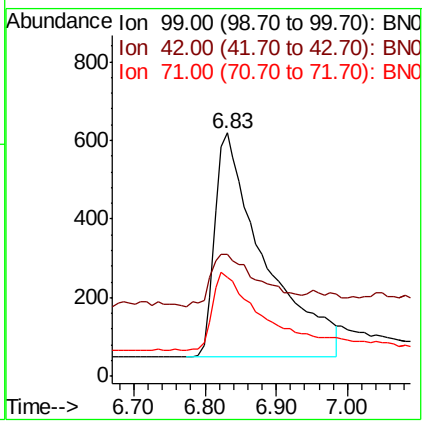


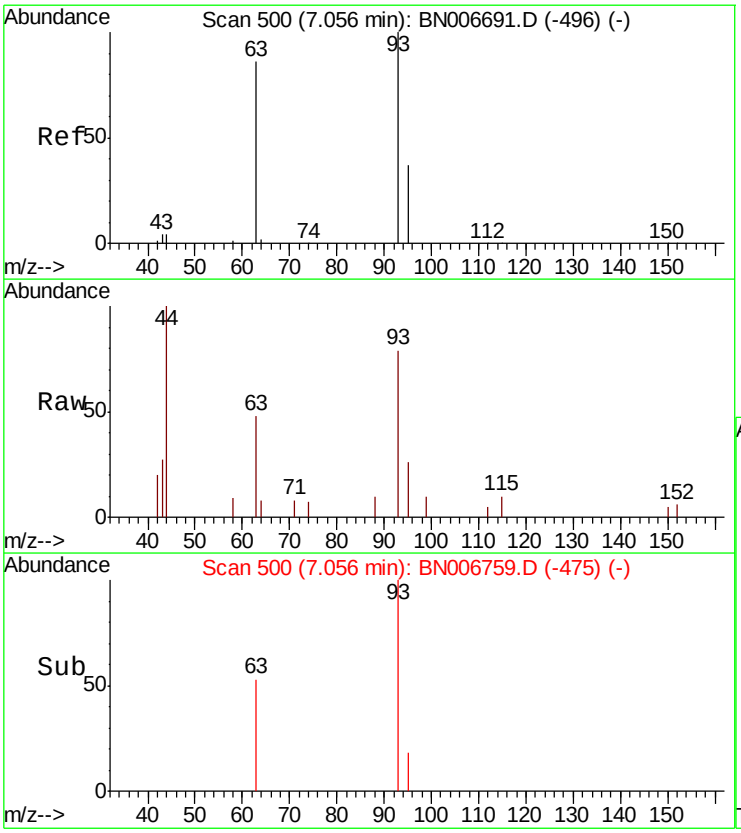
#5
Phenol-d6
Concen: 0.341 ng
RT: 6.83 min Scan# 472
Delta R.T. -0.00 min
Lab File: BN006759.D
Acq: 08 Jul 2019 15:39

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 2760

Ion	Ratio	Lower	Upper
99	100		
42	23.3	16.6	25.0
71	35.9	26.0	39.0

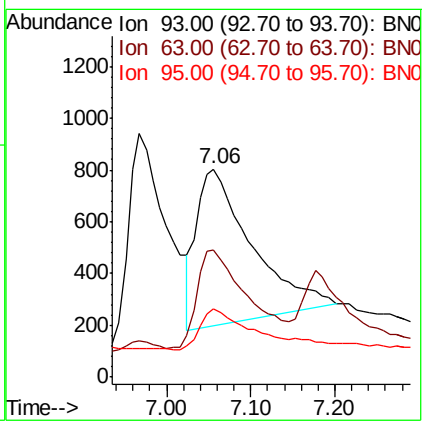


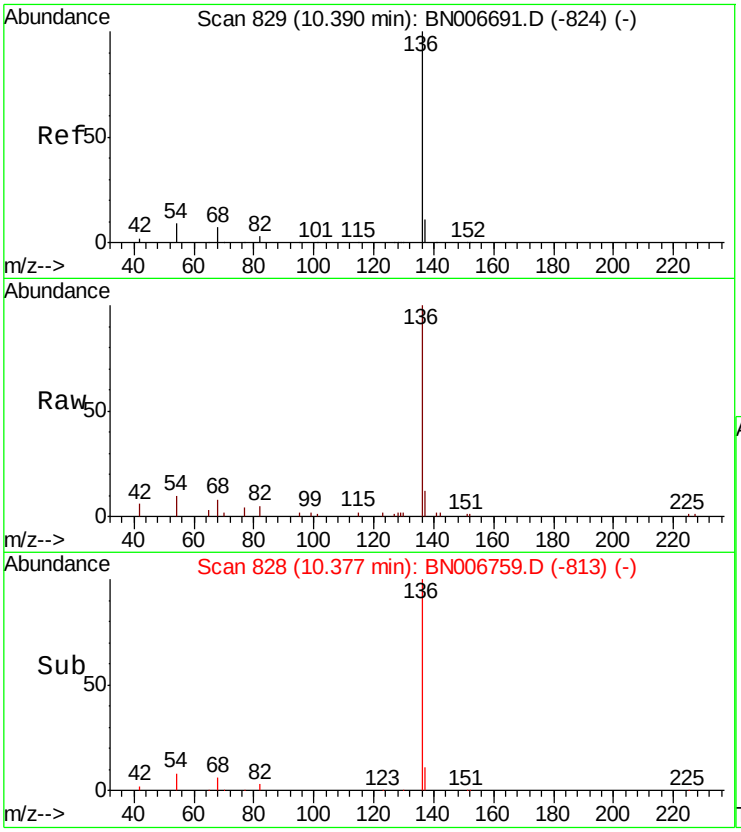


#6
bis(2-Chloroethyl)ether
Concen: 0.403 ng
RT: 7.06 min Scan# 500
Delta R.T. -0.00 min
Lab File: BN006759.D
Acq: 08 Jul 2019 15:39

Tgt Ion: 93 Resp: 2756

Ion	Ratio	Lower	Upper
93	100		
63	58.5	58.6	87.8#
95	27.8	28.3	42.5#



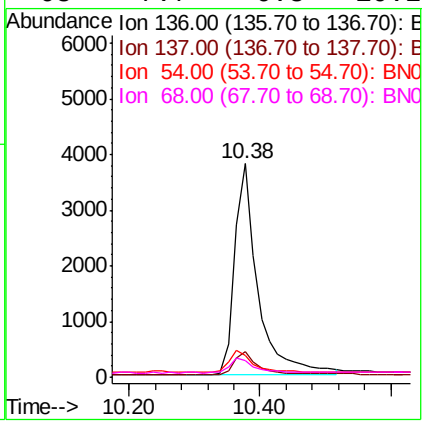


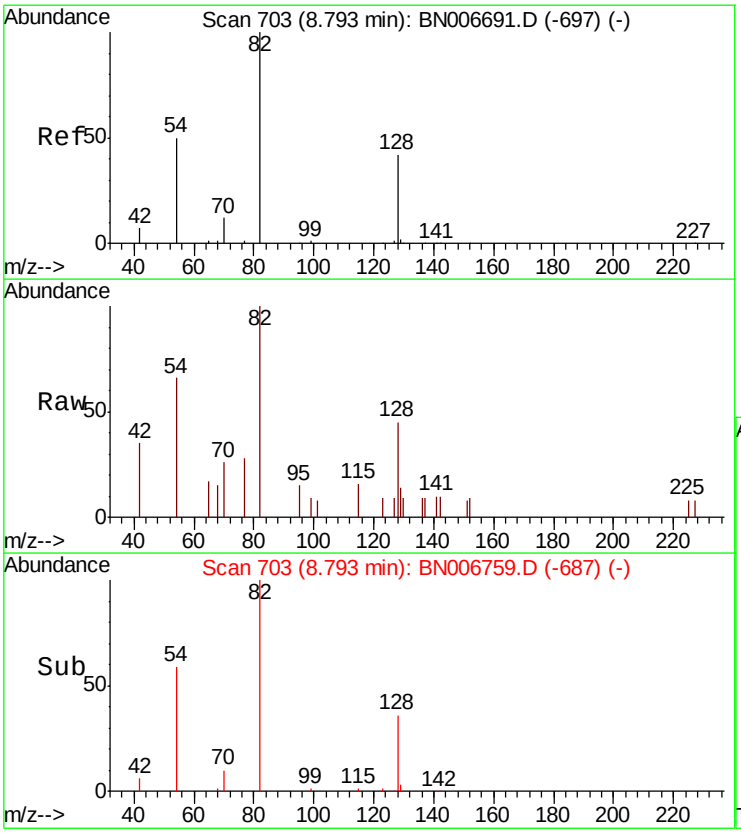
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.38 min Scan# 828
Delta R.T. -0.01 min
Lab File: BN006759.D
Acq: 08 Jul 2019 15:39

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 9311

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.3	13.9
54	10.3	8.4	12.6
68	7.7	6.8	10.2

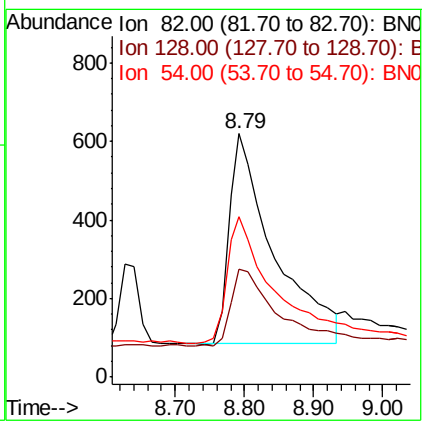


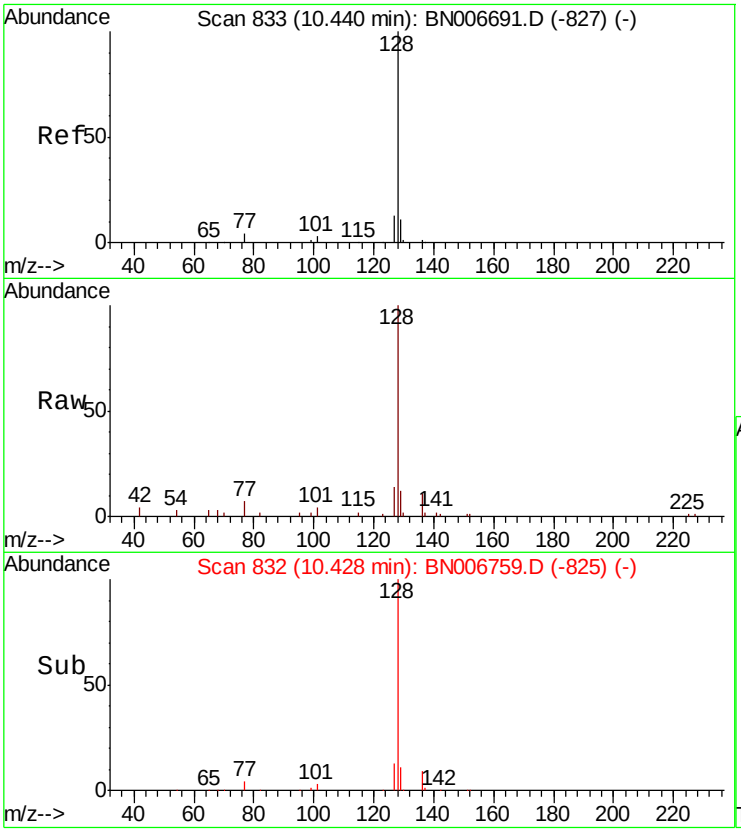


#8
Nitrobenzene-d5
Concen: 0.339 ng
RT: 8.79 min Scan# 703
Delta R.T. -0.00 min
Lab File: BN006759.D
Acq: 08 Jul 2019 15:39

Tgt Ion: 82 Resp: 2421

Ion	Ratio	Lower	Upper
82	100		
128	44.5	36.1	54.1
54	65.8	44.5	66.7



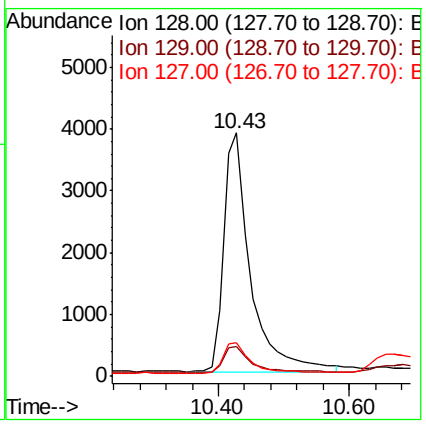


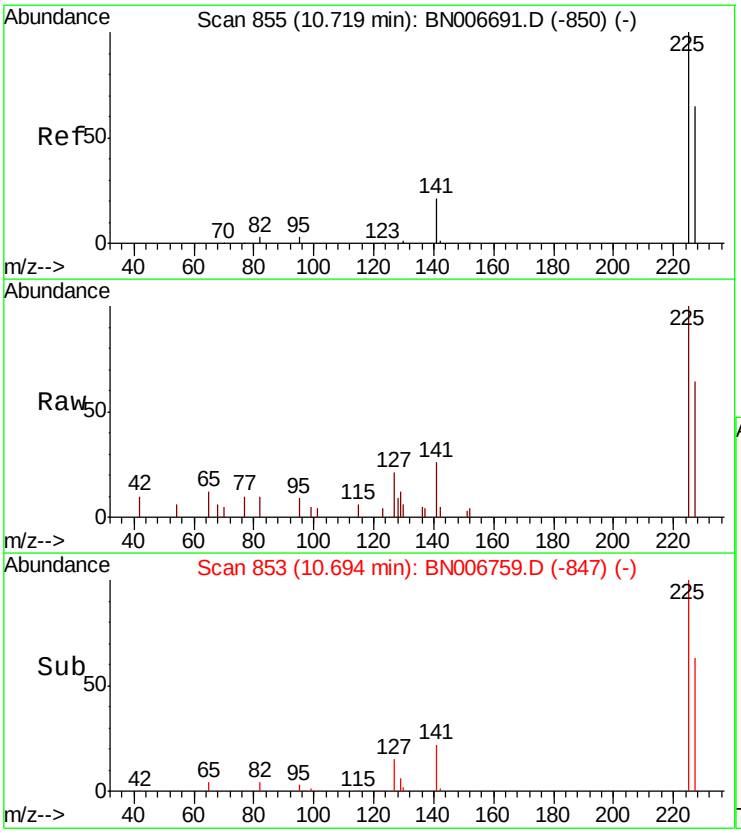
#9
Naphthalene
Concen: 0.427 ng
RT: 10.43 min Scan# 832
Delta R.T. -0.01 min
Lab File: BN006759.D
Acq: 08 Jul 2019 15:39

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 10886

Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.6	14.4
127	13.9	11.0	16.4

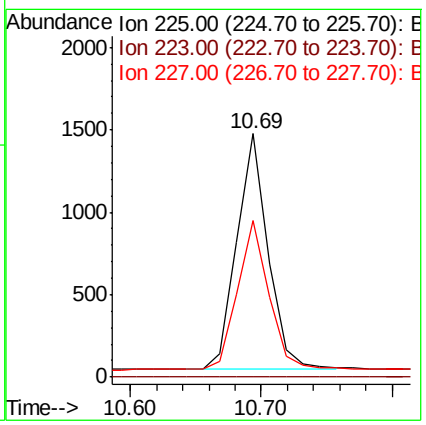


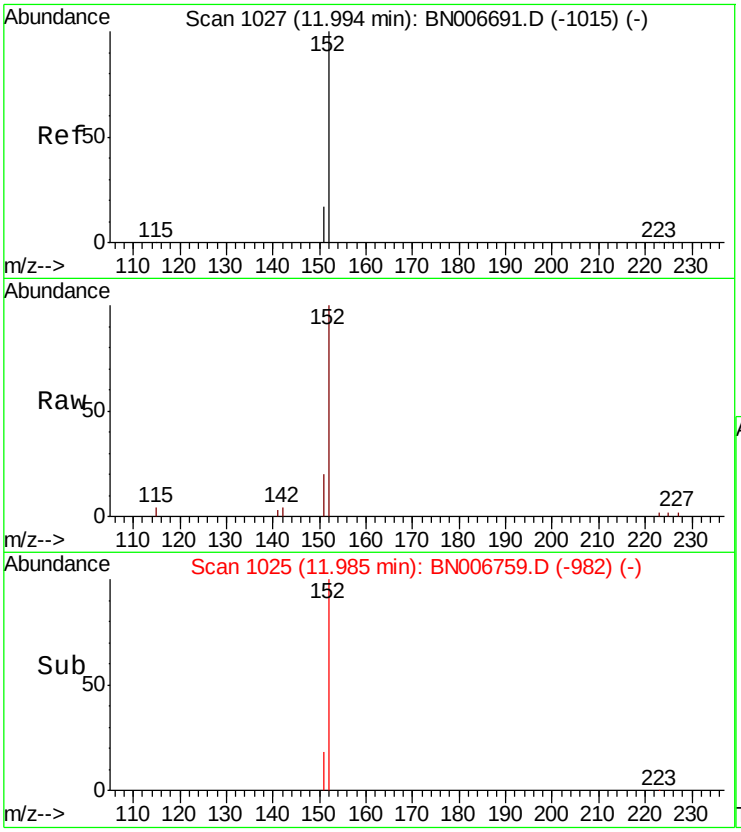


#10
Hexachlorobutadiene
Concen: 0.462 ng
RT: 10.69 min Scan# 853
Delta R.T. -0.03 min
Lab File: BN006759.D
Acq: 08 Jul 2019 15:39

Tgt Ion:225 Resp: 2382

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.2	50.9	76.3



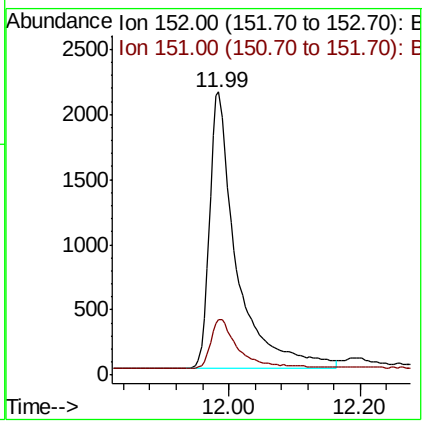


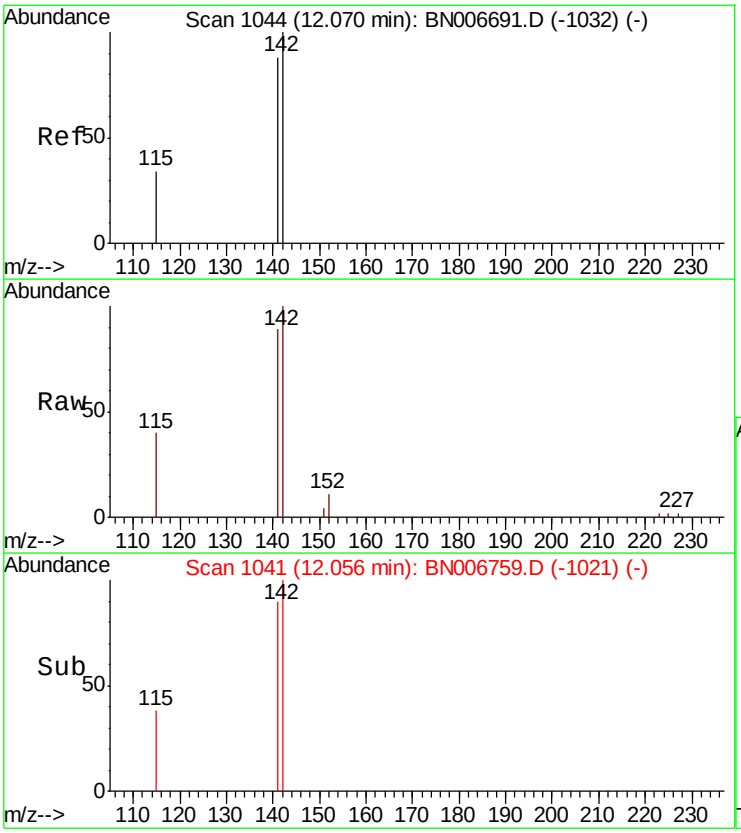
#11
2-Methylnaphthalene-d10
Concen: 0.431 ng
RT: 11.99 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BN006759.D
Acq: 08 Jul 2019 15:39

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 6032

Ion	Ratio	Lower	Upper
152	100		
151	18.4	14.9	22.3

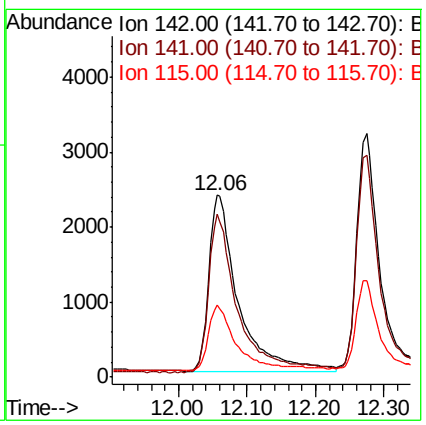


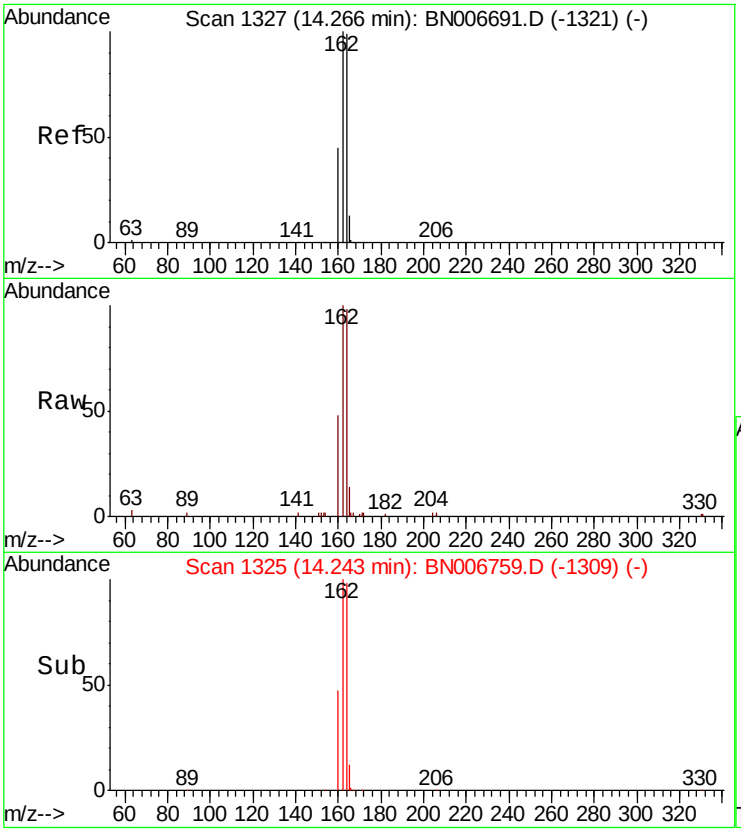


#12
2-Methylnaphthalene
Concen: 0.389 ng
RT: 12.06 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BN006759.D
Acq: 08 Jul 2019 15:39

Tgt Ion:142 Resp: 6997

Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.3	105.5
115	39.9	28.9	43.3



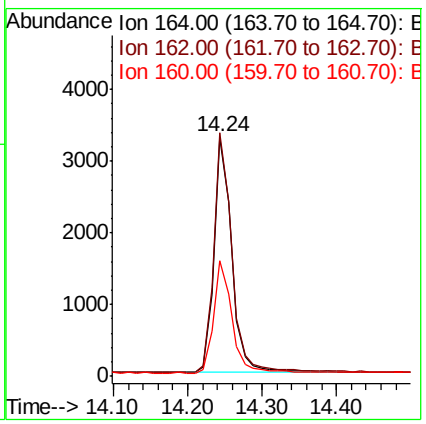


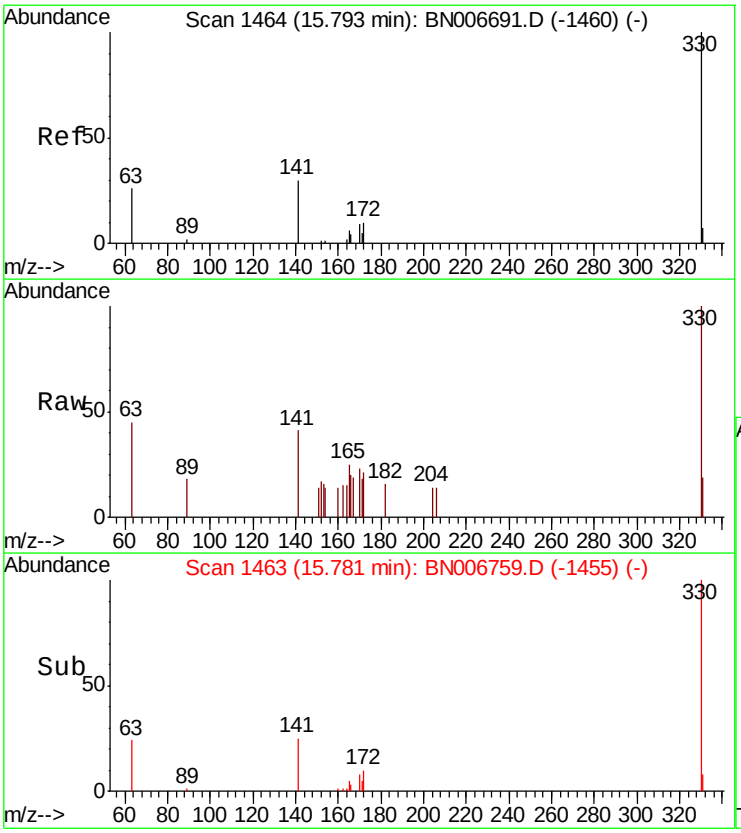
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.24 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BN006759.D
Acq: 08 Jul 2019 15:39

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 5465

Ion	Ratio	Lower	Upper
164	100		
162	102.0	80.8	121.2
160	48.6	37.0	55.6

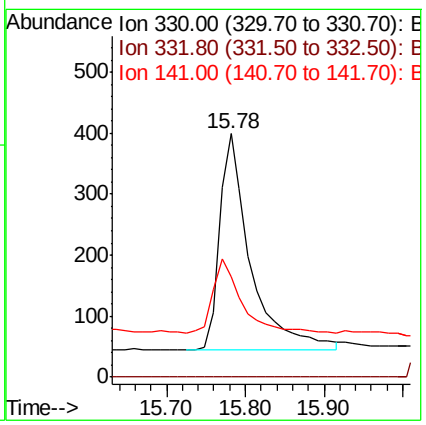


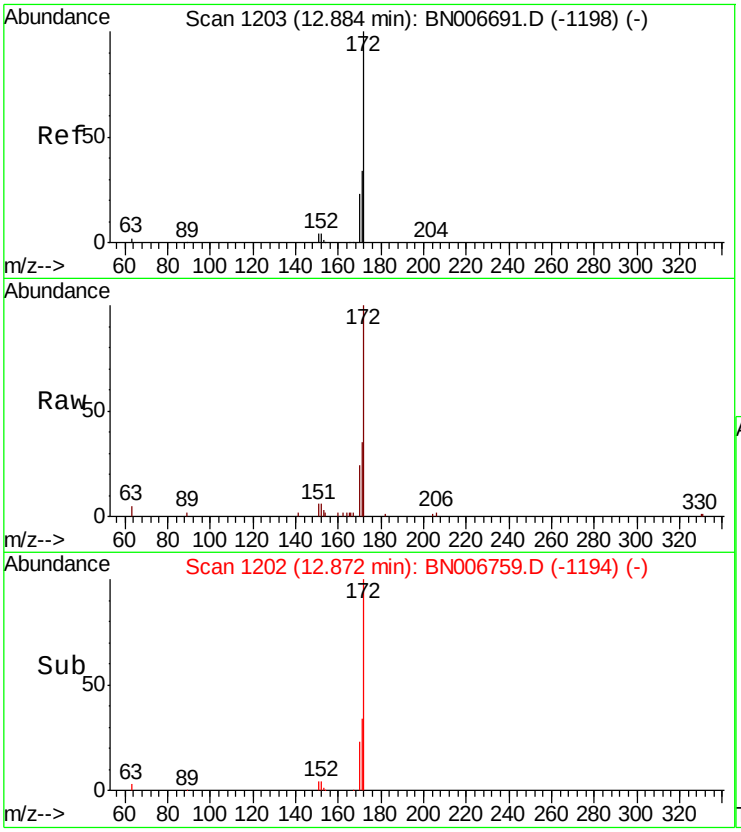


#14
2,4,6-Tribromophenol
Concen: 0.360 ng
RT: 15.78 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BN006759.D
Acq: 08 Jul 2019 15:39

Tgt Ion:330 Resp: 966

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	33.5	24.8	37.2



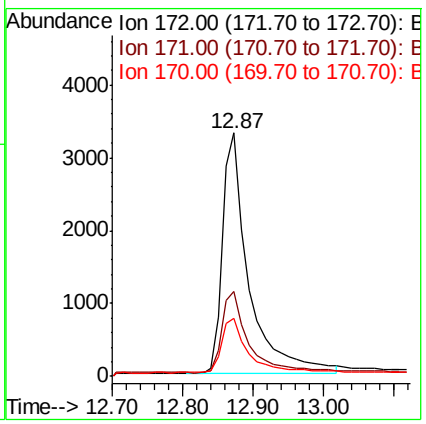


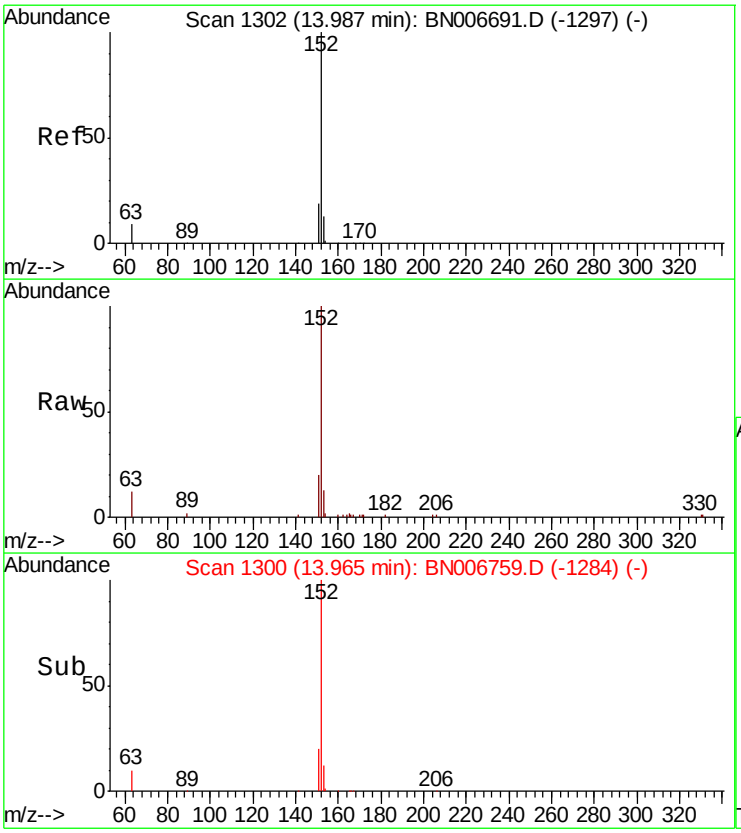
#15
2-Fluorobiphenyl
Concen: 0.403 ng
RT: 12.87 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BN006759.D
Acq: 08 Jul 2019 15:39

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 8608

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.8	41.6
170	23.8	18.9	28.3

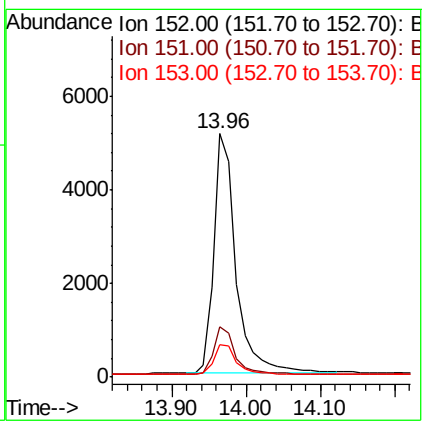


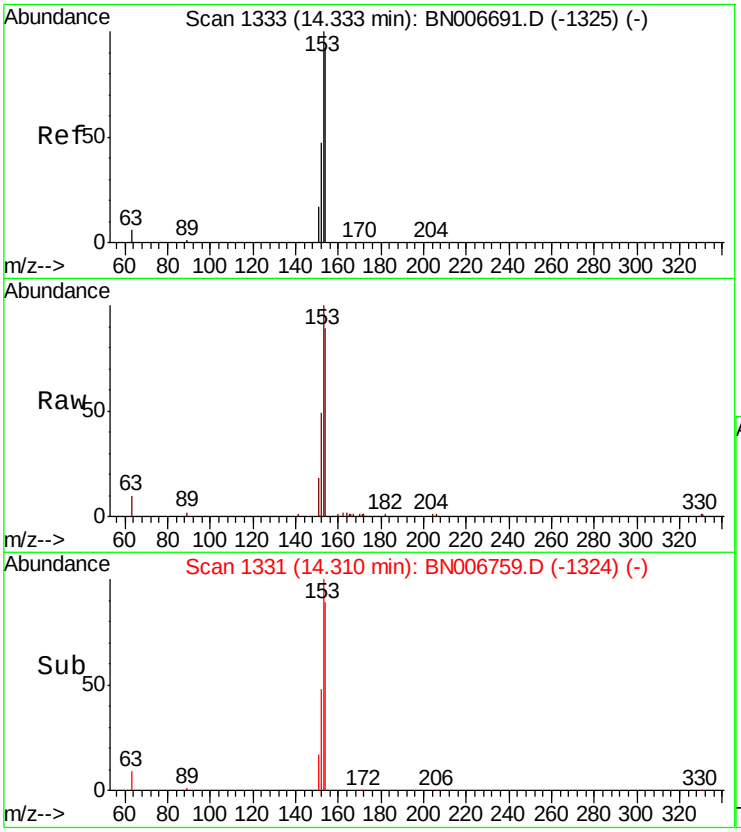


#16
Acenaphthylene
Concen: 0.392 ng
RT: 13.96 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BN006759.D
Acq: 08 Jul 2019 15:39

Tgt Ion:152 Resp: 10668

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.7	23.5
153	12.8	10.6	15.8



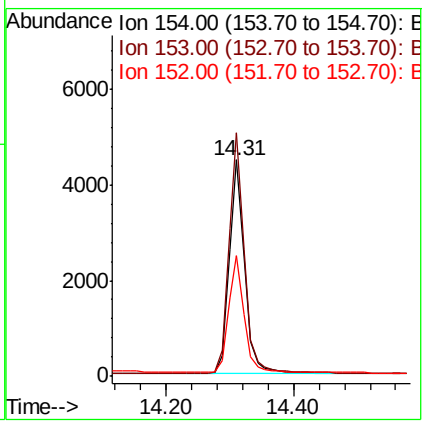


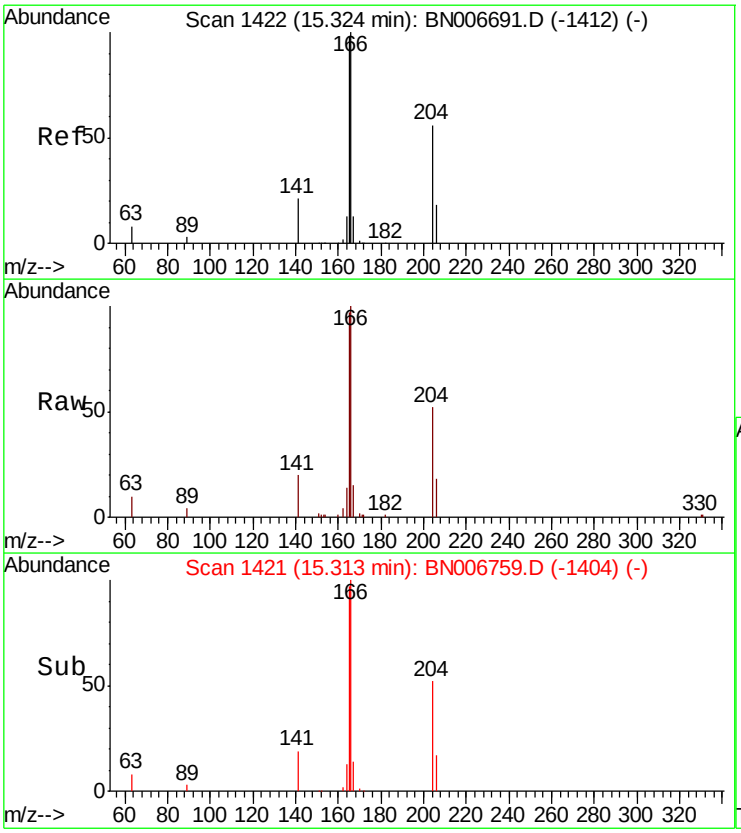
#17
Acenaphthene
Concen: 0.430 ng
RT: 14.31 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BN006759.D
Acq: 08 Jul 2019 15:39

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 7470

Ion	Ratio	Lower	Upper
154	100		
153	113.4	88.9	133.3
152	55.2	42.8	64.2

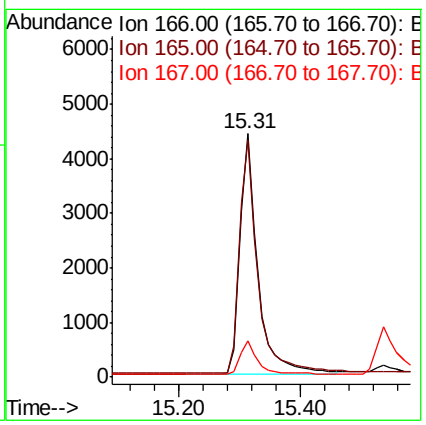


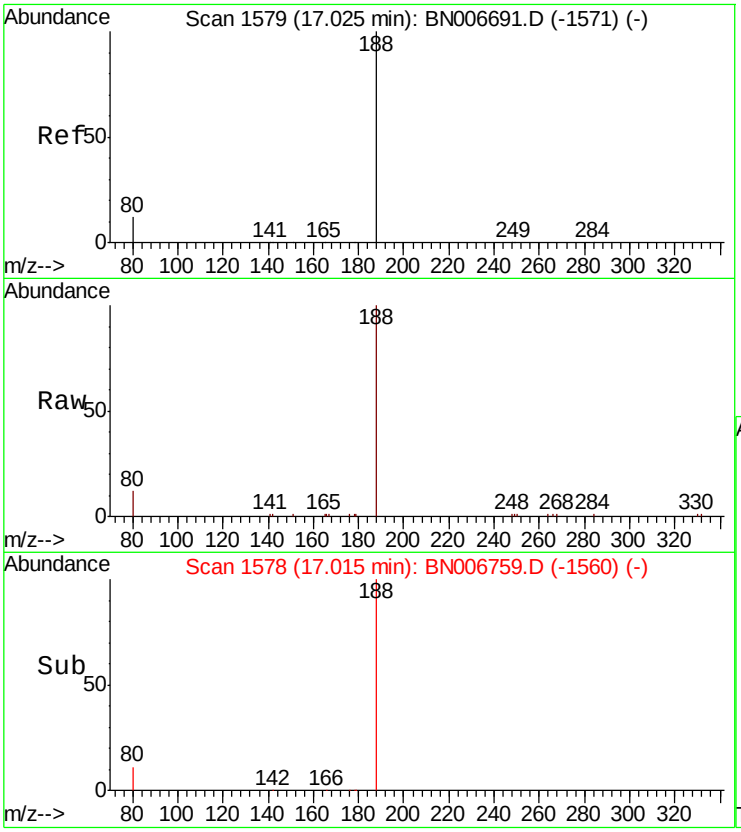


#18
Fluorene
Concen: 0.417 ng
RT: 15.31 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BN006759.D
Acq: 08 Jul 2019 15:39

Tgt Ion:166 Resp: 9000

Ion	Ratio	Lower	Upper
166	100		
165	98.9	78.0	117.0
167	13.4	10.7	16.1



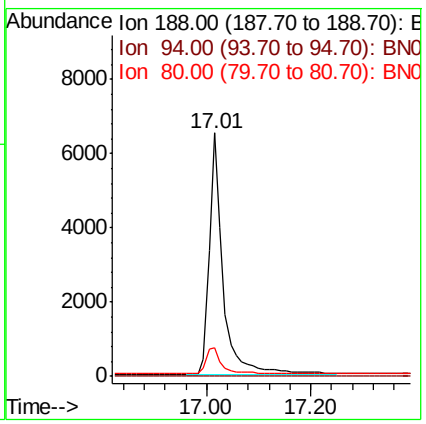


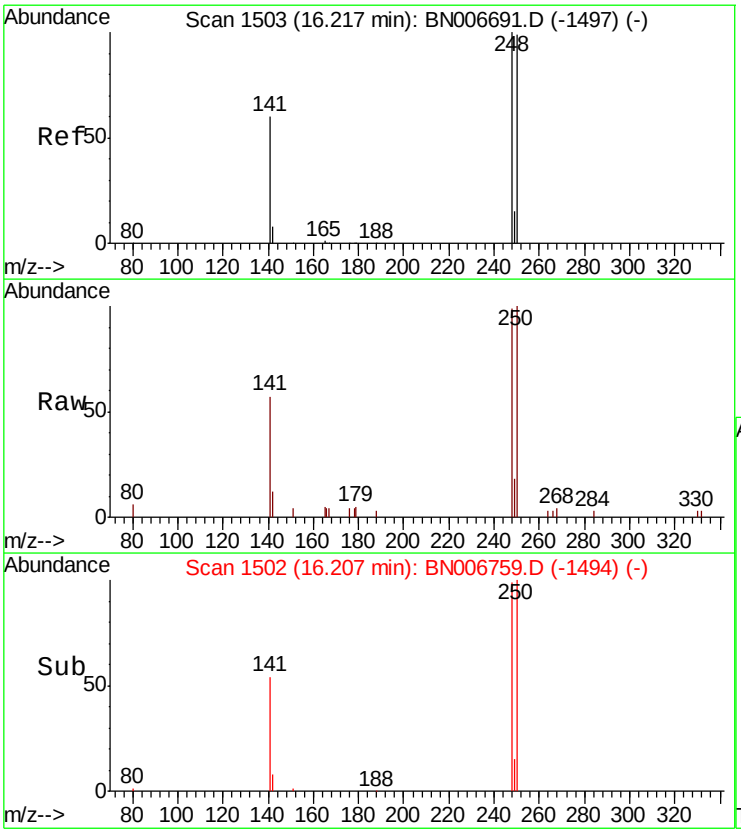
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.01 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BN006759.D
Acq: 08 Jul 2019 15:39

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 12298

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.9	10.3	15.5

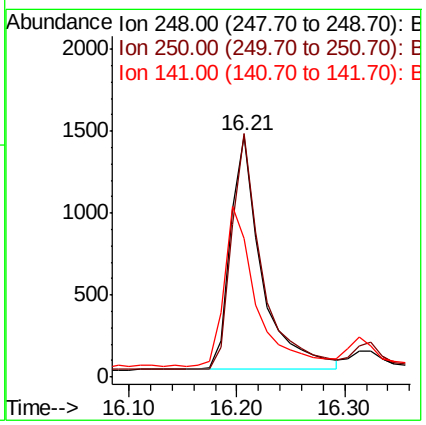


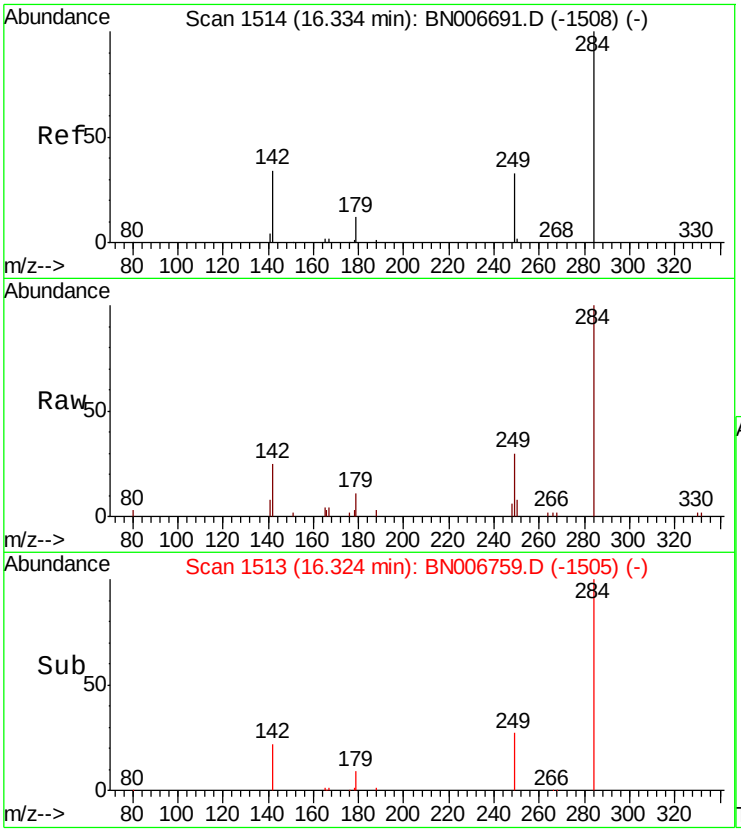


#20
4-Bromophenyl-phenylether
Concen: 0.396 ng
RT: 16.21 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BN006759.D
Acq: 08 Jul 2019 15:39

Tgt Ion:248 Resp: 2872

Ion	Ratio	Lower	Upper
248	100		
250	100.9	79.0	118.6
141	57.3	50.2	75.4



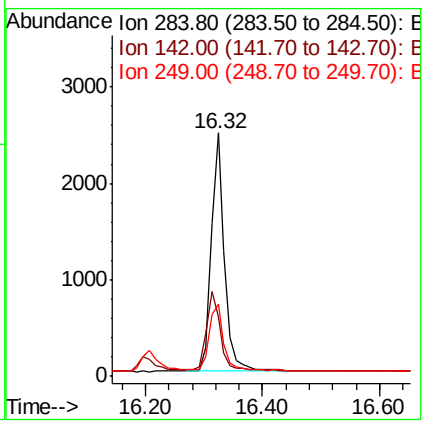


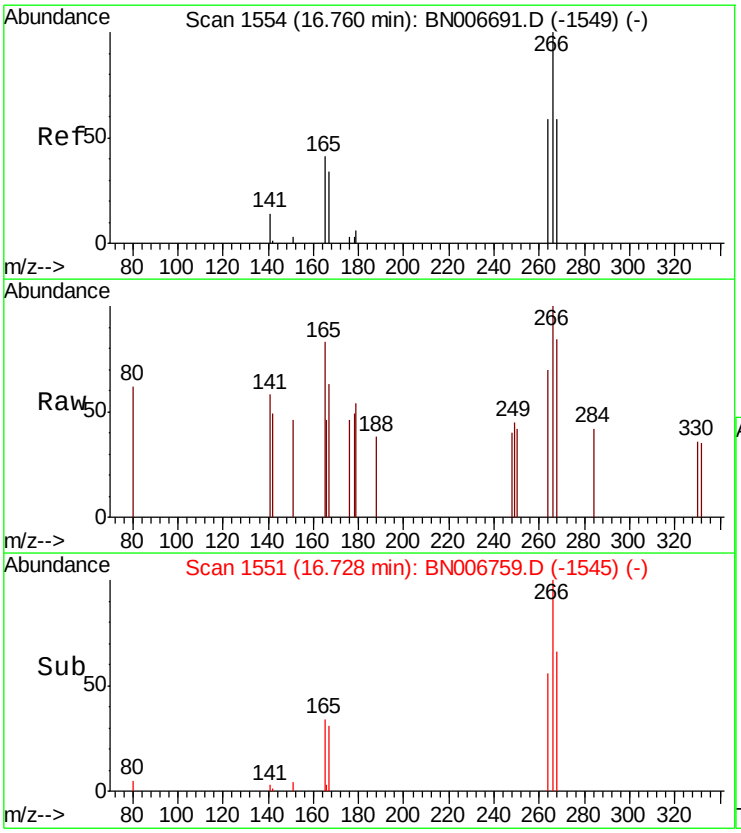
#21
Hexachlorobenzene
Concen: 0.462 ng
RT: 16.32 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BN006759.D
Acq: 08 Jul 2019 15:39

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 3986

Ion	Ratio	Lower	Upper
284	100		
142	33.5	26.9	40.3
249	29.4	24.4	36.6

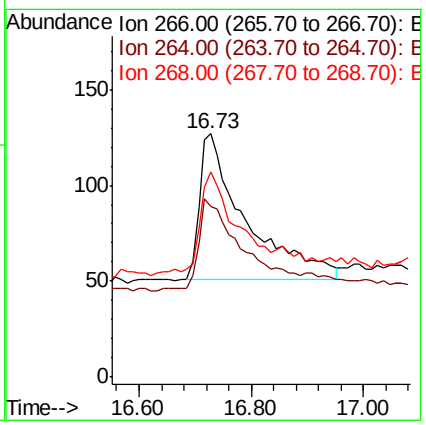


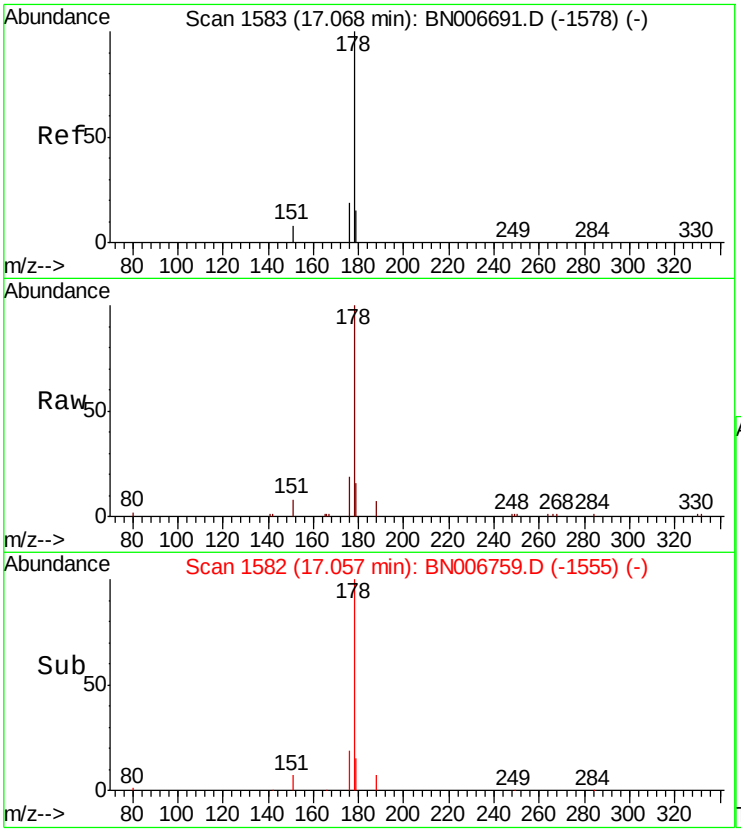


#22
Pentachlorophenol
Concen: 0.472 ng
RT: 16.73 min Scan# 1551
Delta R.T. -0.03 min
Lab File: BN006759.D
Acq: 08 Jul 2019 15:39

Tgt Ion:266 Resp: 428

Ion	Ratio	Lower	Upper
266	100		
264	70.1	57.6	86.4
268	84.3	66.6	99.8



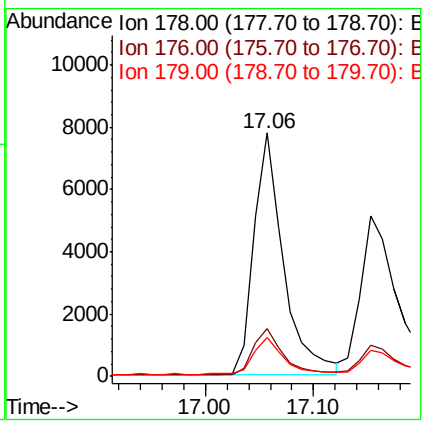


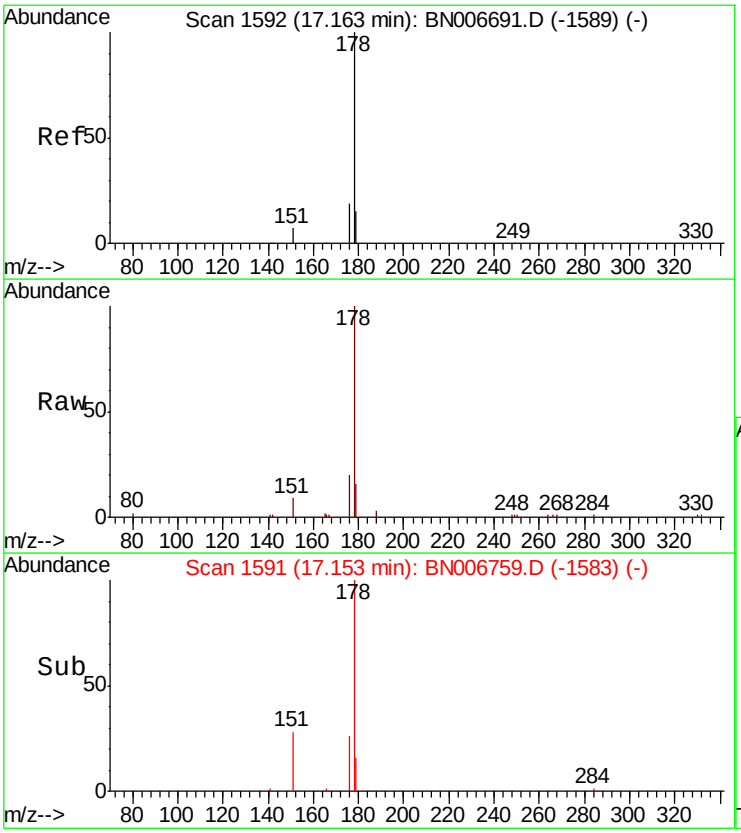
#23
Phenanthrene
Concen: 0.413 ng
RT: 17.06 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BN006759.D
Acq: 08 Jul 2019 15:39

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 14633

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

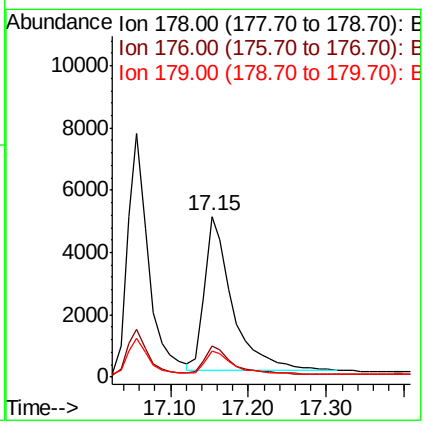


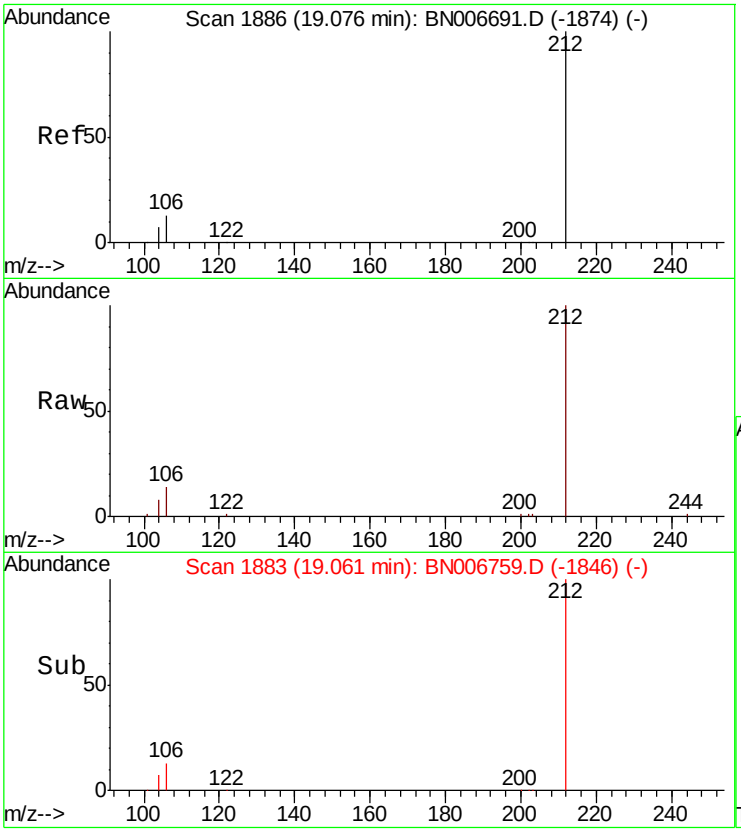


#24
Anthracene
Concen: 0.376 ng
RT: 17.15 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BN006759.D
Acq: 08 Jul 2019 15:39

Tgt Ion:178 Resp: 12052

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.8	22.2
179	15.0	11.9	17.9



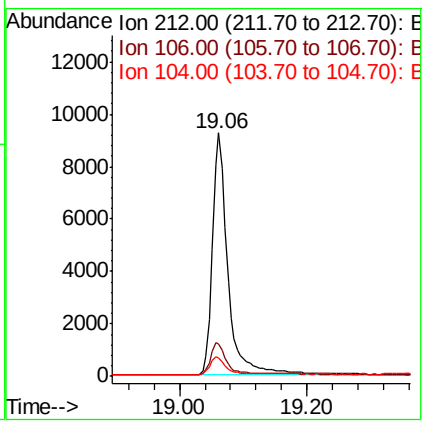


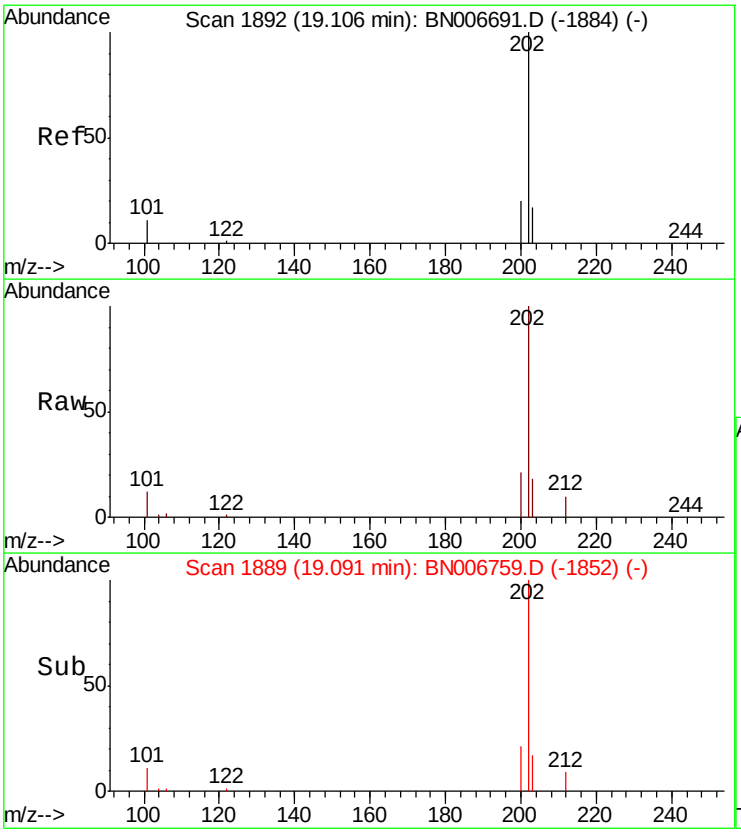
#25
Fluoranthene-d10
Concen: 0.446 ng
RT: 19.06 min Scan# 1883
Delta R.T. -0.02 min
Lab File: BN006759.D
Acq: 08 Jul 2019 15:39

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 15695

Ion	Ratio	Lower	Upper
212	100		
106	13.3	11.0	16.6
104	7.4	6.1	9.1

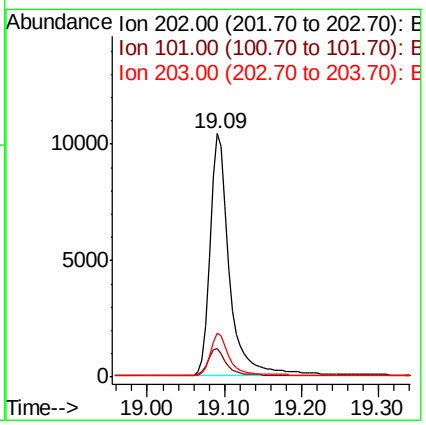


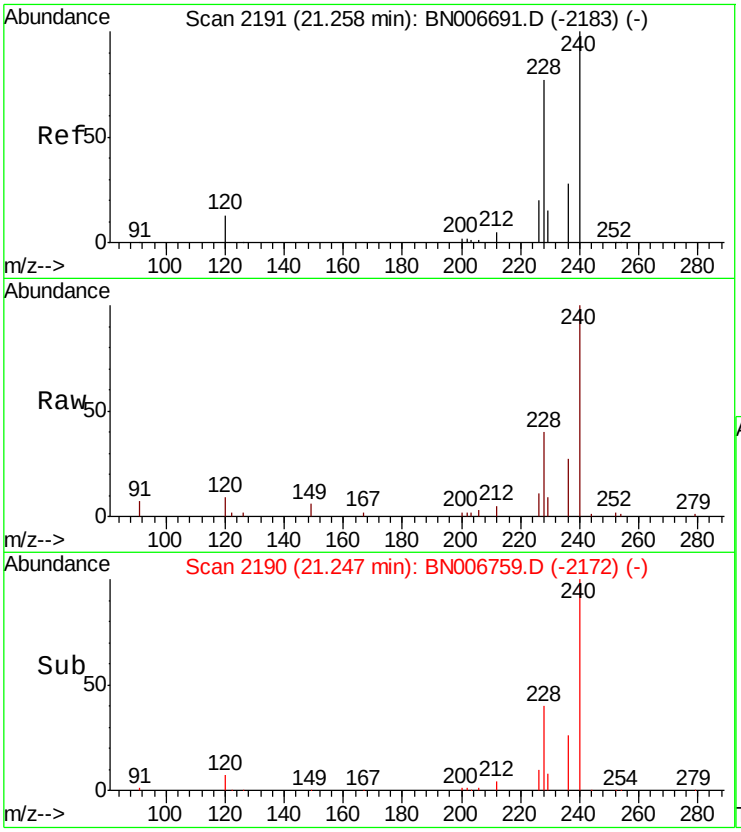


#26
Fluoranthene
Concen: 0.435 ng
RT: 19.09 min Scan# 1889
Delta R.T. -0.01 min
Lab File: BN006759.D
Acq: 08 Jul 2019 15:39

Tgt Ion:202 Resp: 18088

Ion	Ratio	Lower	Upper
202	100		
101	10.8	8.7	13.1
203	17.0	13.8	20.6



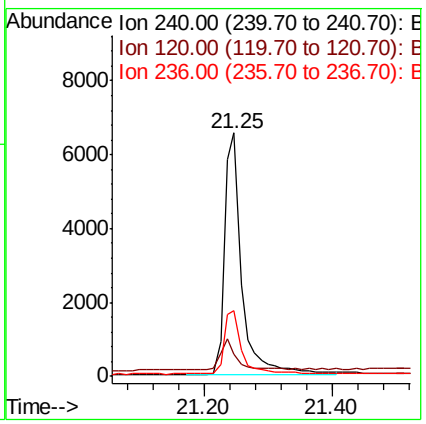


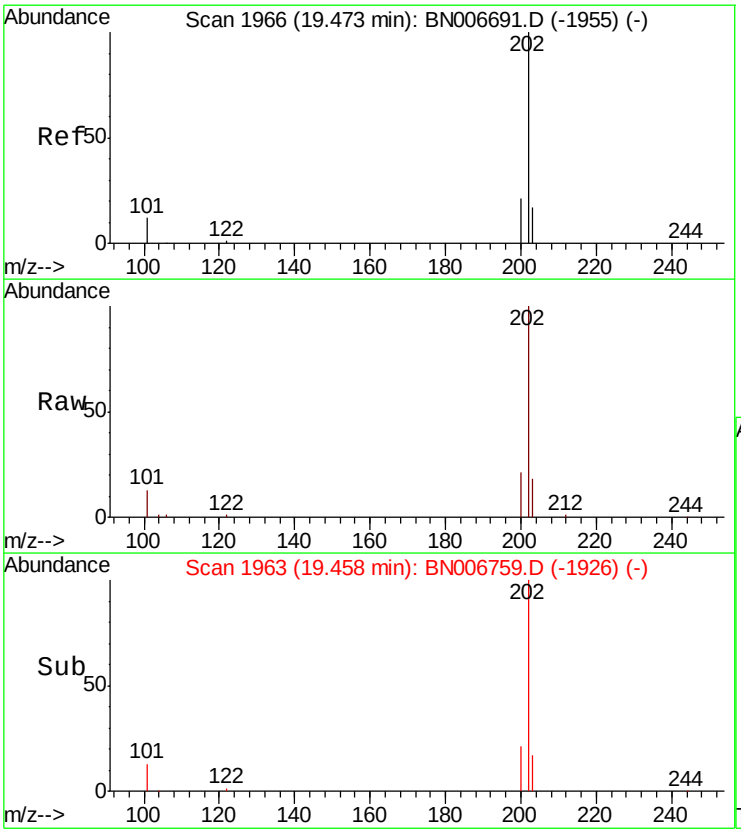
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BN006759.D
Acq: 08 Jul 2019 15:39

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 12060

Ion	Ratio	Lower	Upper
240	100		
120	9.1	12.9	19.3#
236	27.2	23.2	34.8

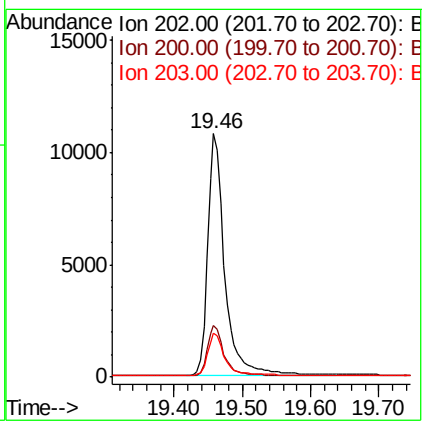


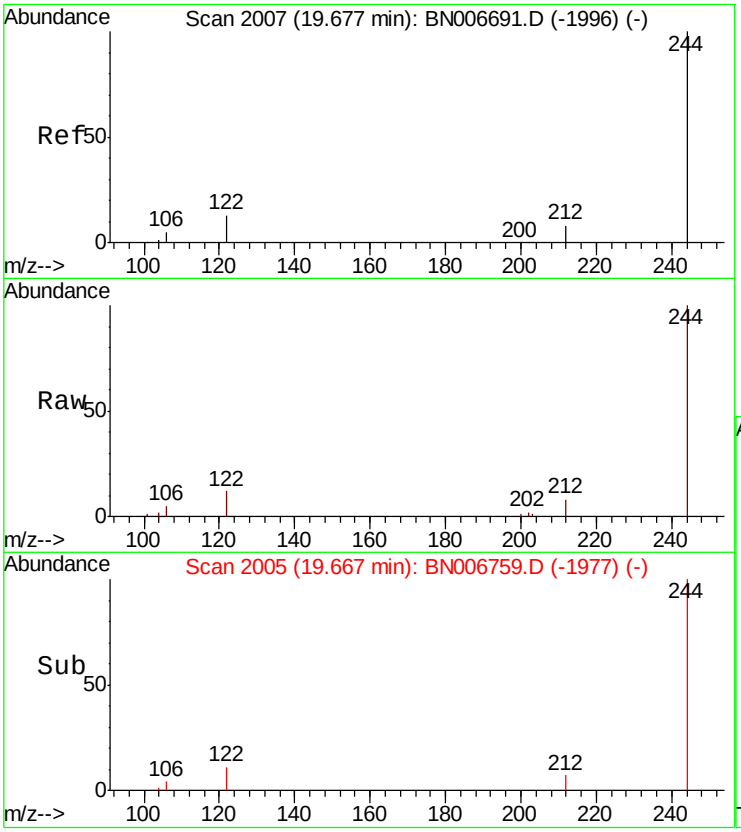


#28
Pyrene
Concen: 0.387 ng
RT: 19.46 min Scan# 1963
Delta R.T. -0.02 min
Lab File: BN006759.D
Acq: 08 Jul 2019 15:39

Tgt Ion:202 Resp: 18696

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.8	25.2
203	17.4	14.2	21.2



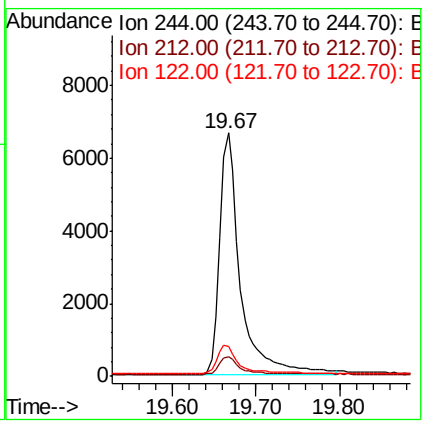


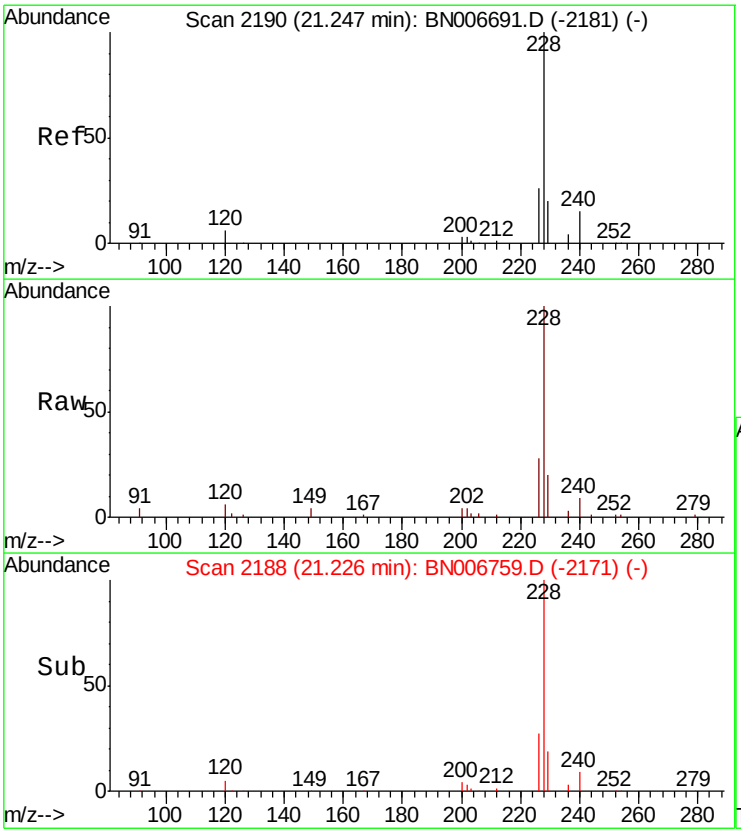
#29
Terphenyl-d14
Concen: 0.415 ng
RT: 19.67 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BN006759.D
Acq: 08 Jul 2019 15:39

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 11522

Ion	Ratio	Lower	Upper
244	100		
212	8.1	7.0	10.4
122	12.5	11.5	17.3

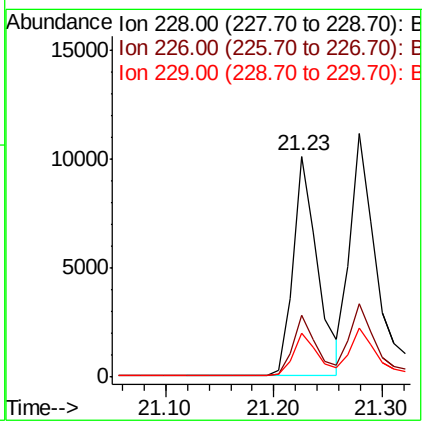


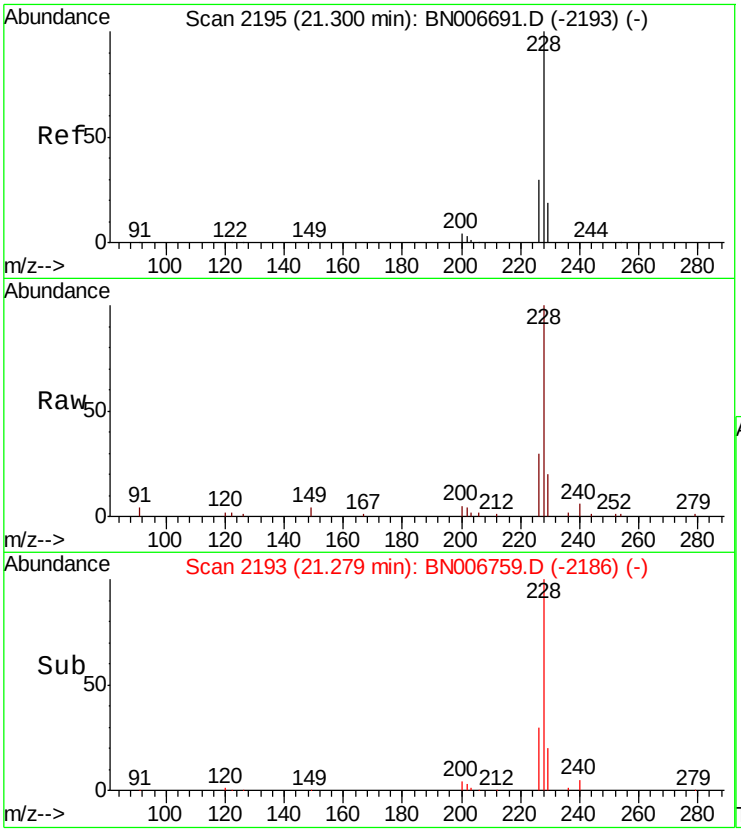


#30
Benzo(a)anthracene
Concen: 0.379 ng
RT: 21.23 min Scan# 2188
Delta R.T. -0.02 min
Lab File: BN006759.D
Acq: 08 Jul 2019 15:39

Tgt Ion:228 Resp: 15759

Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.5	32.3
229	20.0	16.2	24.4



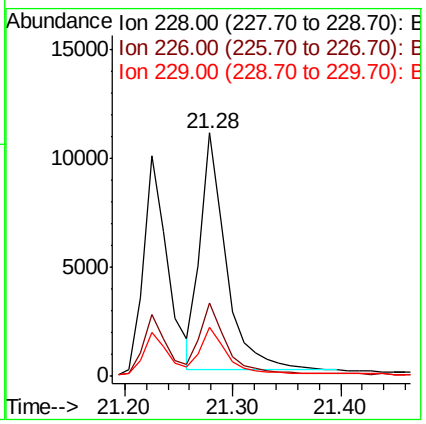


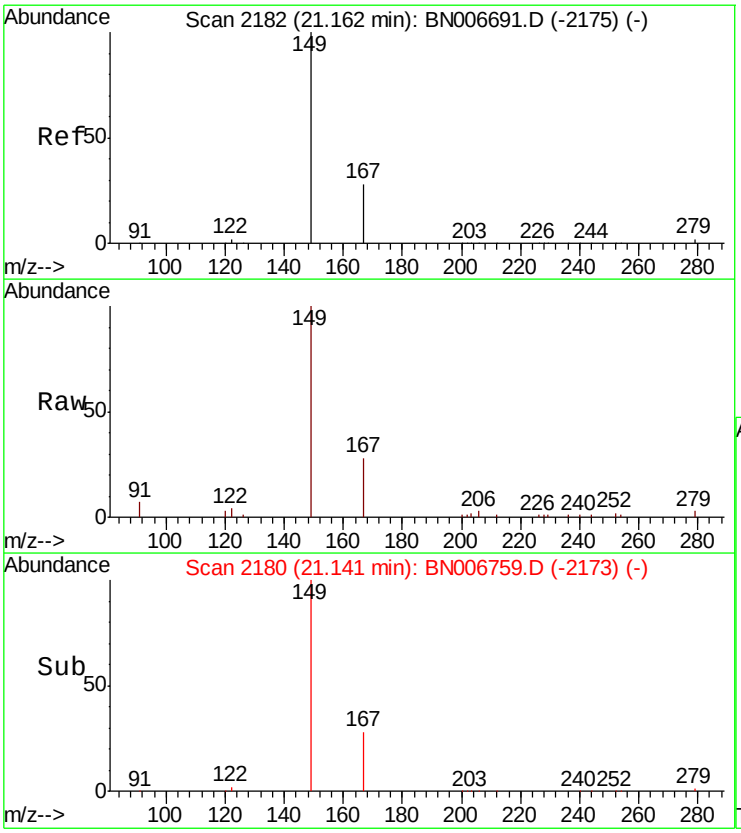
#31
Chrysene
Concen: 0.423 ng
RT: 21.28 min Scan# 2193
Delta R.T. -0.02 min
Lab File: BN006759.D
Acq: 08 Jul 2019 15:39

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 18139

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.2	36.2
229	20.0	15.8	23.6

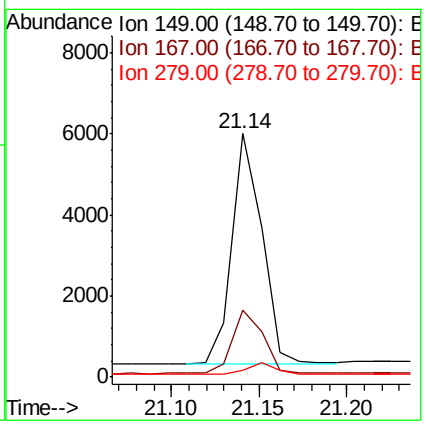


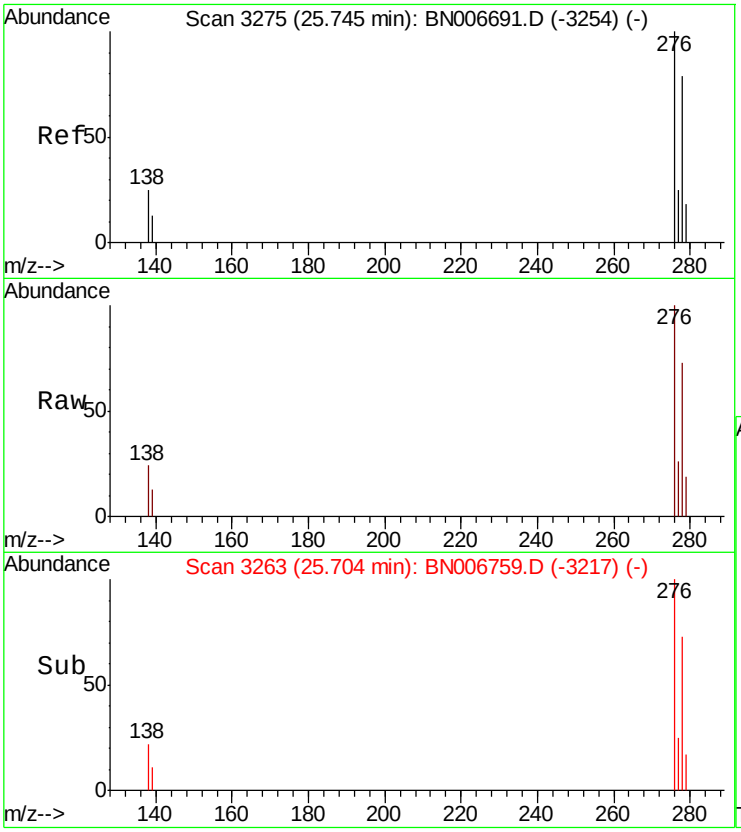


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.054 ng
RT: 21.14 min Scan# 2180
Delta R.T. -0.02 min
Lab File: BN006759.D
Acq: 08 Jul 2019 15:39

Tgt Ion:149 Resp: 6676

Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.9	34.3
279	4.6	3.2	4.8



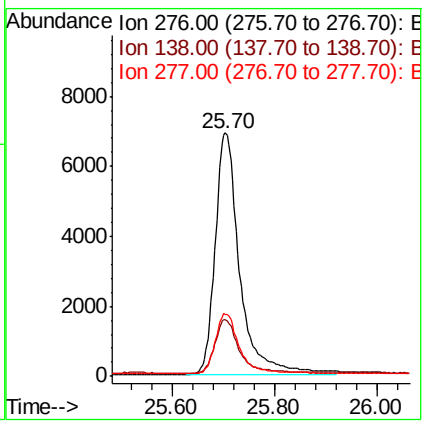


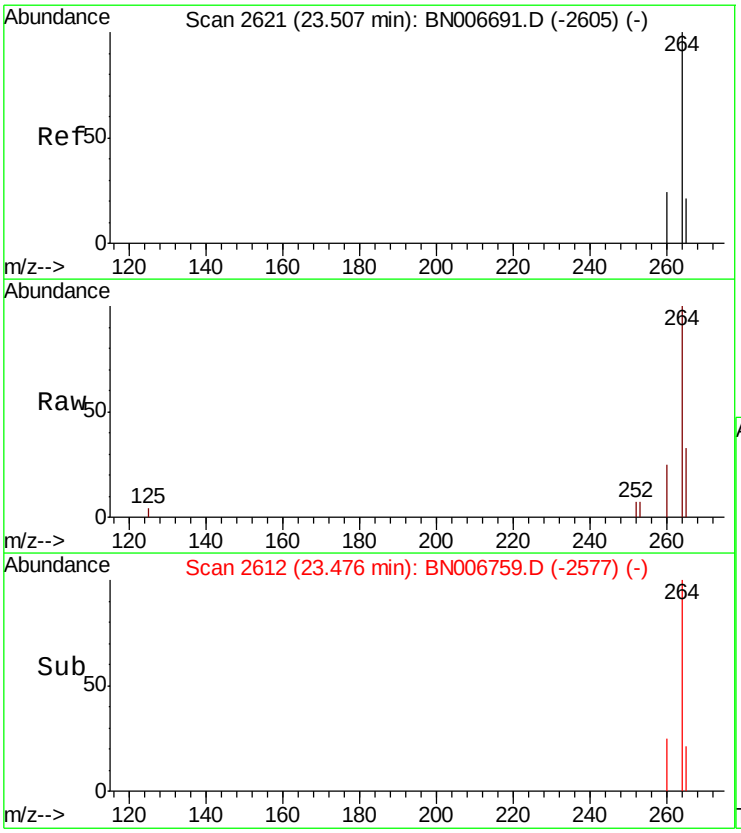
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.447 ng
RT: 25.70 min Scan# 3263
Delta R.T. -0.04 min
Lab File: BN006759.D
Acq: 08 Jul 2019 15:39

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 22894

Ion	Ratio	Lower	Upper
276	100		
138	22.4	19.5	29.3
277	25.0	19.7	29.5

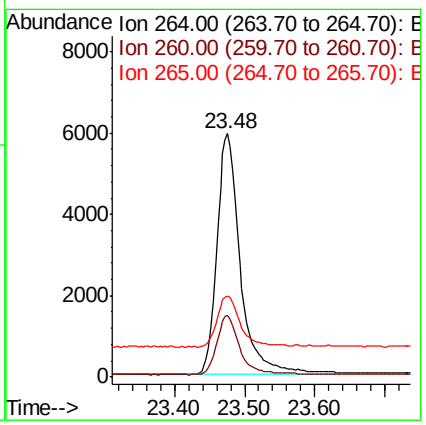


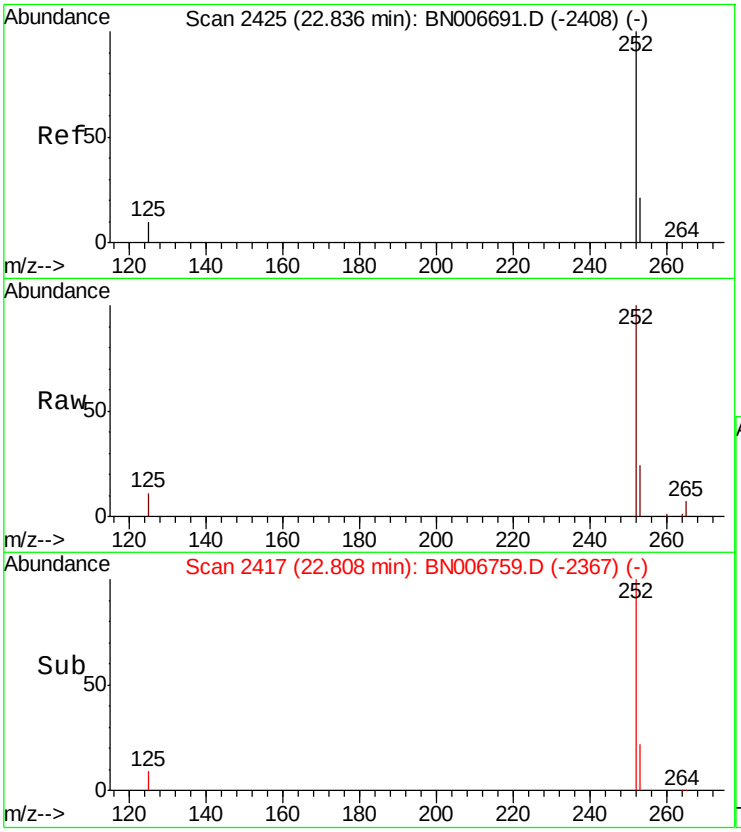


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.48 min Scan# 2612
Delta R.T. -0.03 min
Lab File: BN006759.D
Acq: 08 Jul 2019 15:39

Tgt Ion:264 Resp: 13689

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.2	30.2
265	33.2	33.7	50.5#



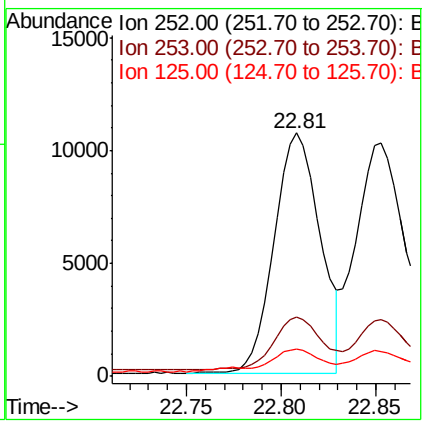


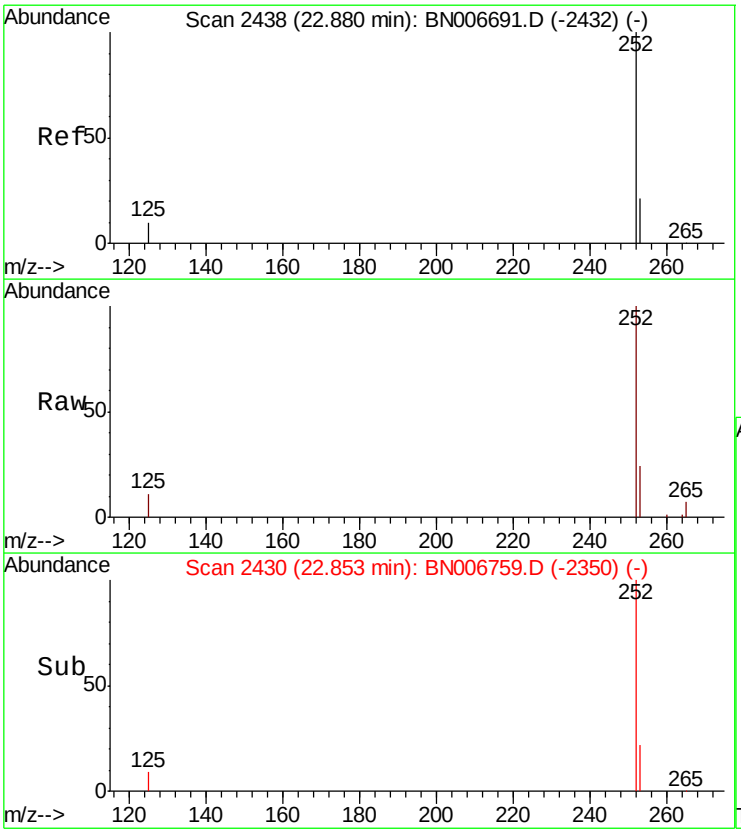
#35
Benzo(b)fluoranthene
Concen: 0.405 ng
RT: 22.81 min Scan# 2417
Delta R.T. -0.03 min
Lab File: BN006759.D
Acq: 08 Jul 2019 15:39

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 17796

Ion	Ratio	Lower	Upper
252	100		
253	24.2	20.2	30.2
125	11.0	11.5	17.3#

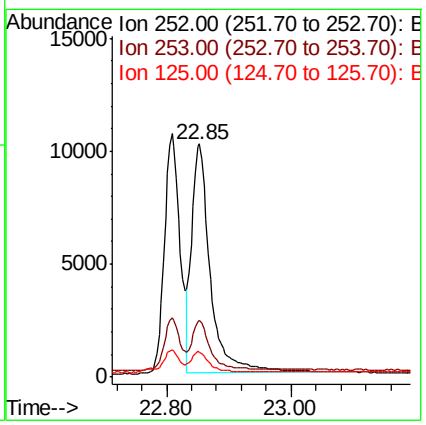


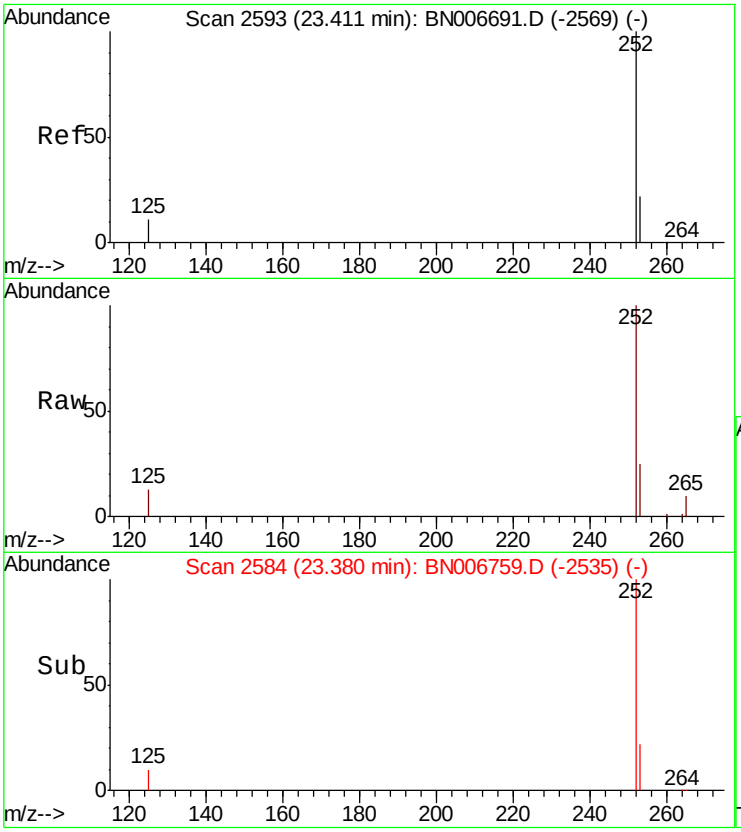


#36
Benzo(k)fluoranthene
Concen: 0.443 ng
RT: 22.85 min Scan# 2430
Delta R.T. -0.03 min
Lab File: BN006759.D
Acq: 08 Jul 2019 15:39

Tgt Ion:252 Resp: 21106

Ion	Ratio	Lower	Upper
252	100		
253	24.2	20.1	30.1
125	10.8	11.4	17.0#



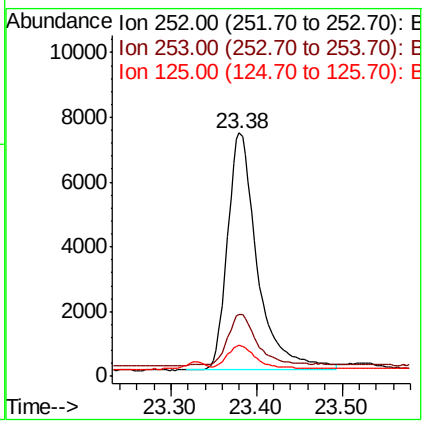


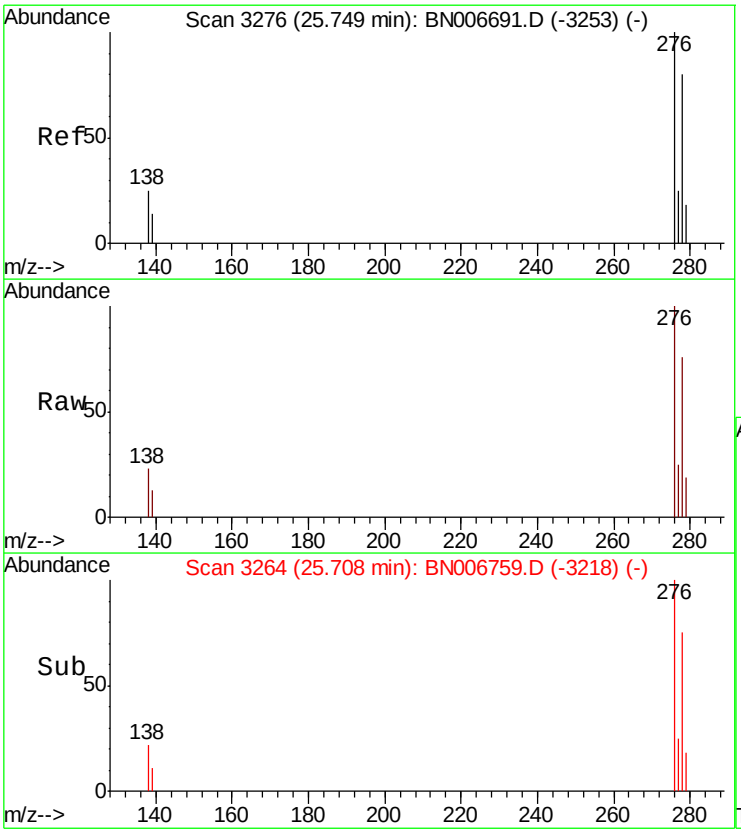
#37
Benzo(a)pyrene
Concen: 0.419 ng
RT: 23.38 min Scan# 2584
Delta R.T. -0.03 min
Lab File: BN006759.D
Acq: 08 Jul 2019 15:39

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 17849

Ion	Ratio	Lower	Upper
252	100		
253	25.3	21.4	32.2
125	12.7	13.3	19.9#

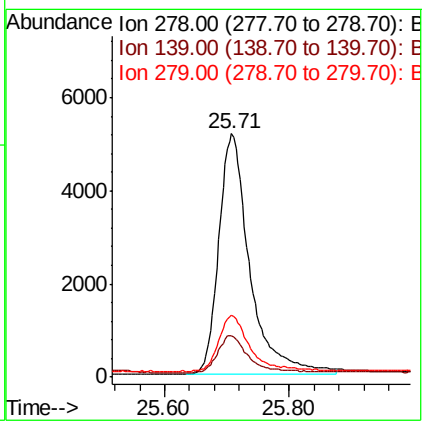


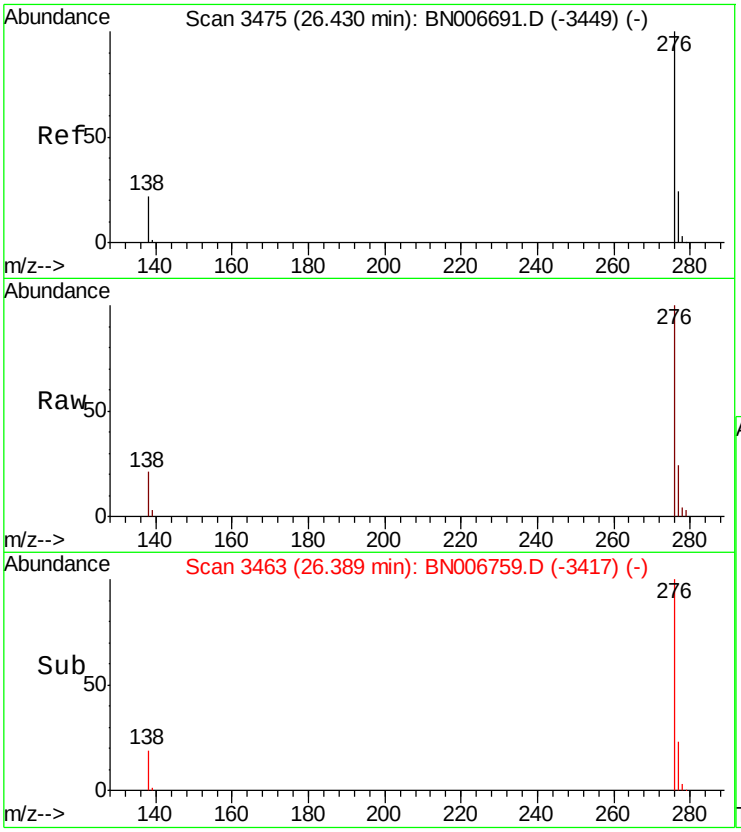


#38
Dibenzo(a,h)anthracene
Concen: 0.424 ng
RT: 25.71 min Scan# 3264
Delta R.T. -0.04 min
Lab File: BN006759.D
Acq: 08 Jul 2019 15:39

Tgt Ion:278 Resp: 17917

Ion	Ratio	Lower	Upper
278	100		
139	16.8	16.2	24.4
279	25.4	20.7	31.1





#39
Benzo(g,h,i)perylene
Concen: 0.444 ng
RT: 26.39 min Scan# 3463
Delta R.T. -0.04 min
Lab File: BN006759.D
Acq: 08 Jul 2019 15:39

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 19327

Ion	Ratio	Lower	Upper
276	100		
277	24.3	20.6	30.8
138	21.0	19.7	29.5