Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070219\
Data File : BN006688.D
Acq On : 02 Jul 2019 11:52
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Jul 02 17:07:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN070219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 02 17:02:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	4539	0.40	ng		0.00
7) Naphthalene-d8	10.39	136	17616	0.40	ng		0.00
13) Acenaphthene-d10	14.27	164	9730	0.40	ng		0.00
19) Phenanthrene-d10	17.03	188	22412	0.40	ng		0.00
27) Chrysene-d12	21.27	240	23606	0.40	ng		0.01
34) Perylene-d12	23.51	264	27639	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.23	112	5654	0.51	ng		0.00
5) Phenol-d6	6.81	99	6757	0.46	ng		-0.02
8) Nitrobenzene-d5	8.77	82	5699	0.48	ng		-0.03
11) 2-Methylnaphthalene-d10	11.99	152	11156	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.78	330	2891	0.63	ng		-0.01
15) 2-Fluorobiphenyl	12.87	172	15797	0.44	ng		-0.01
25) Fluoranthene-d10	19.07	212	29153	0.44	ng		0.00
29) Terphenyl-d14	19.68	244	22755	0.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.16	88	2725	0.434	ng		96
3) n-Nitrosodimethylamine	3.48	42	2577	0.522	ng	#	95
6) bis(2-Chloroethyl)ether	7.05	93	5907	0.449	ng		94
9) Naphthalene	10.44	128	19306	0.417	ng		99
10) Hexachlorobutadiene	10.72	225	4091	0.430	ng	#	100
12) 2-Methylnaphthalene	12.07	142	13105	0.410	ng		98
16) Acenaphthylene	13.98	152	19852	0.428	ng		100
17) Acenaphthene	14.32	154	12866	0.421	ng		98
18) Fluorene	15.32	166	16151	0.419	ng		100
20) 4-Bromophenyl-phenylether	16.22	248	5489	0.442	ng		92
21) Hexachlorobenzene	16.33	284	6475	0.413	ng		99
22) Pentachlorophenol	16.71	266	1839	0.735	ng		87
23) Phenanthrene	17.07	178	26701	0.419	ng		100
24) Anthracene	17.16	178	24776	0.448	ng		99
26) Fluoranthene	19.11	202	35227	0.455	ng		100
28) Pyrene	19.47	202	37563	0.455	ng		99
30) Benzo(a)anthracene	21.25	228	36589	0.474	ng		99
31) Chrysene	21.30	228	36606	0.440	ng		99
32) Bis(2-ethylhexyl)phthalate	21.17	149	31024	0.799	ng		98
33) Indeno(1,2,3-cd)pyrene	25.75	276	45924	0.545	ng		99
35) Benzo(b)fluoranthene	22.84	252	39504	0.420	ng		98
36) Benzo(k)fluoranthene	22.89	252	39583	0.395	ng		97
37) Benzo(a)pyrene	23.42	252	38086	0.433	ng		95
38) Dibenzo(a,h)anthracene	25.76	278	37329	0.486	ng		98
39) Benzo(g,h,i)perylene	26.44	276	37358	0.487	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070219\
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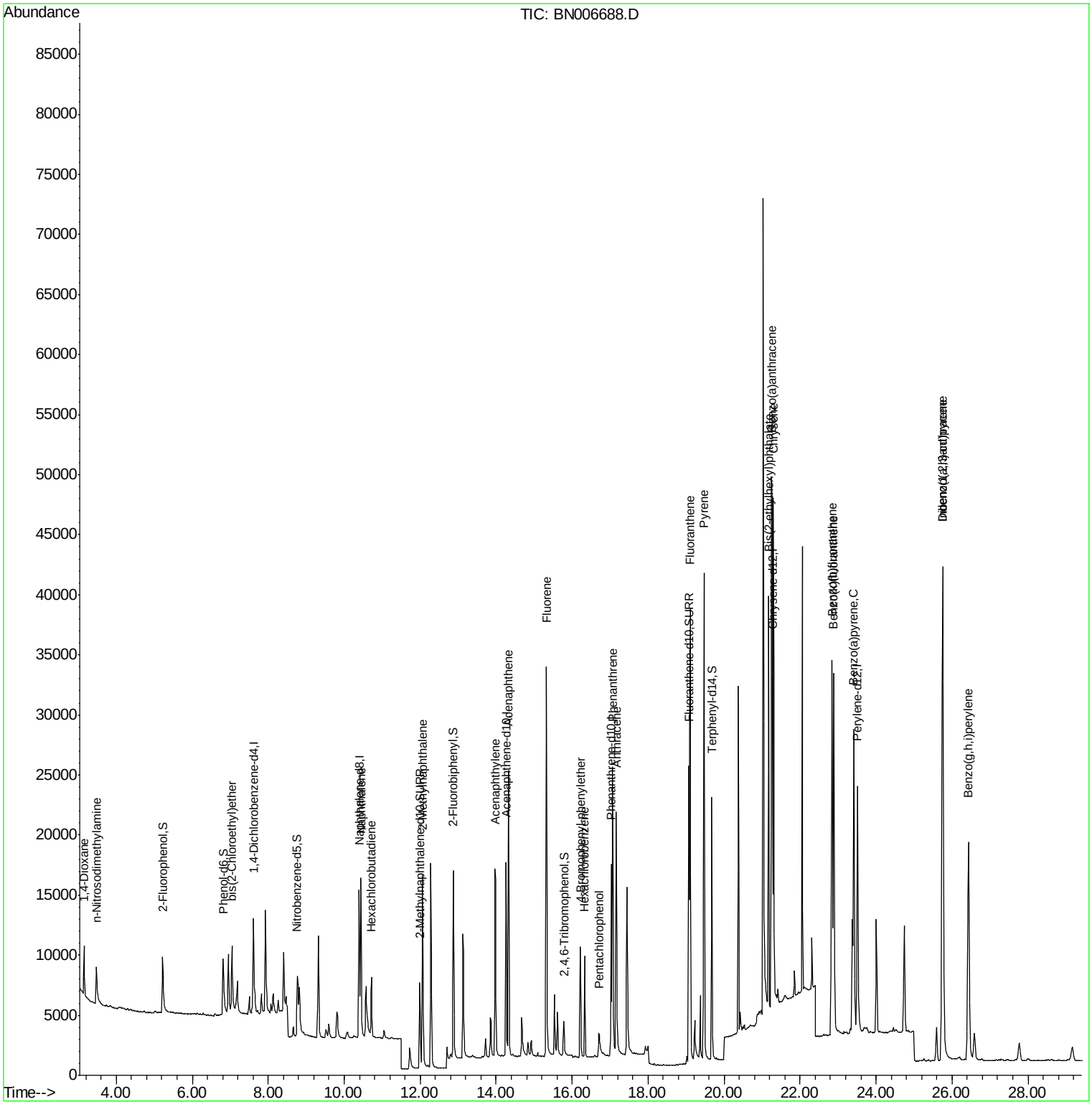
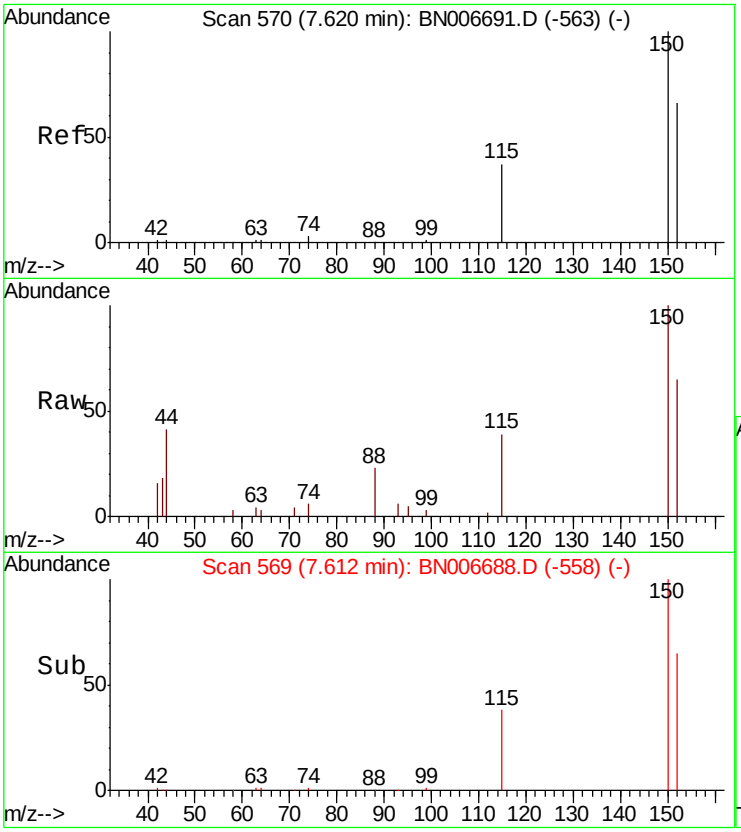
Acq On : 02 Jul 2019 11:52
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jul 02 17:07:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN070219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 02 17:02:12 2019
Response via : Initial Calibration



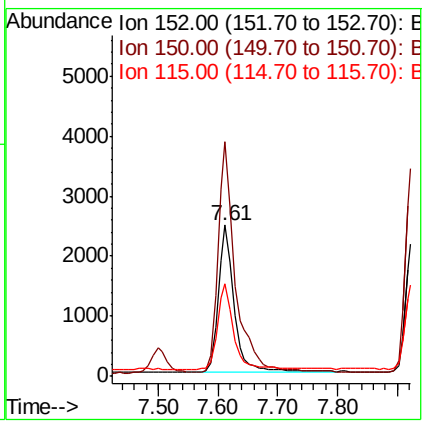


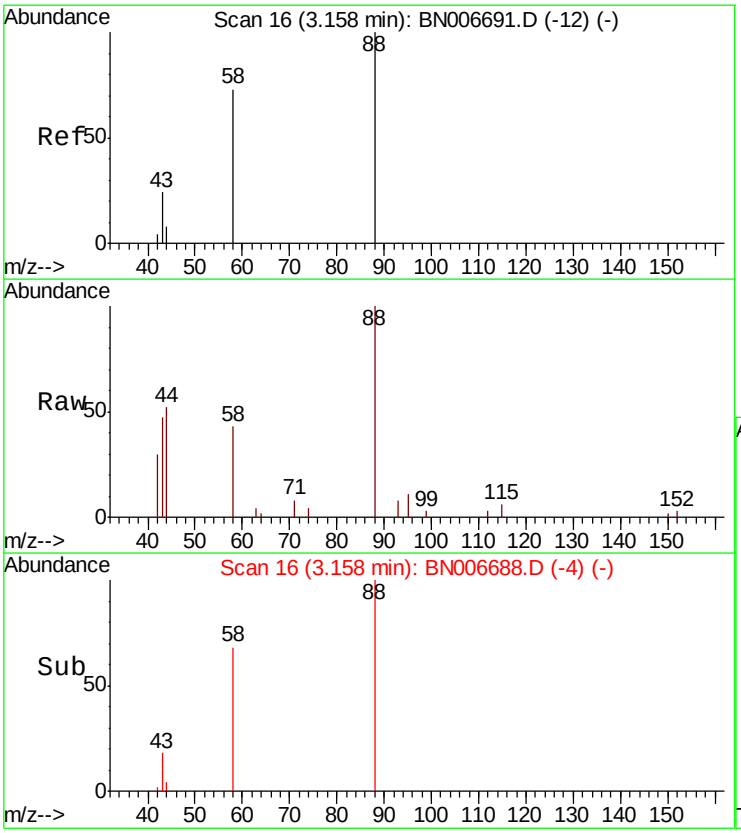
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.61 min Scan# 569
Delta R.T. -0.01 min
Lab File: BN006688.D
Acq: 02 Jul 2019 11:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 4539

Ion	Ratio	Lower	Upper
152	100		
150	154.8	120.6	181.0
115	61.0	51.0	76.6

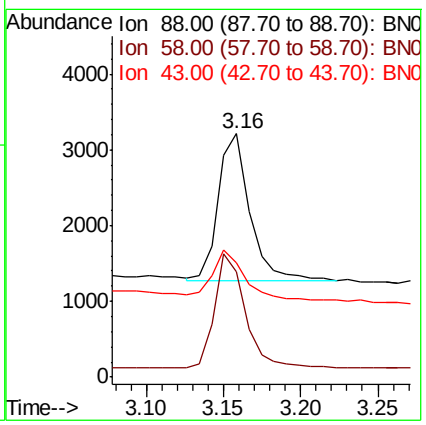


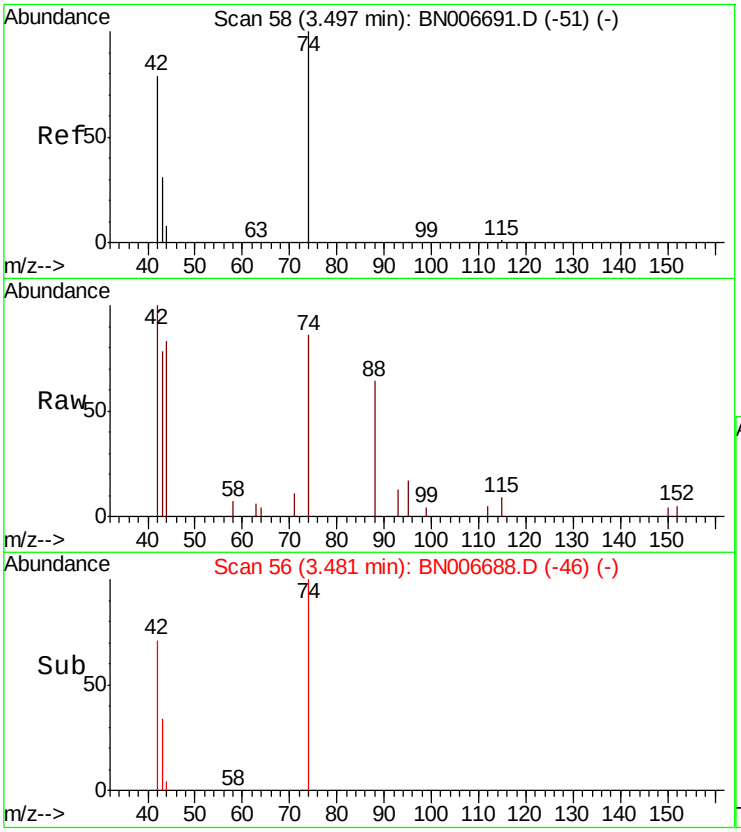


#2
1,4-Dioxane
Concen: 0.434 ng
RT: 3.16 min Scan# 16
Delta R.T. -0.00 min
Lab File: BN006688.D
Acq: 02 Jul 2019 11:52

Tgt Ion: 88 Resp: 2725

Ion	Ratio	Lower	Upper
88	100		
58	75.2	61.1	91.7
43	35.6	32.4	48.6

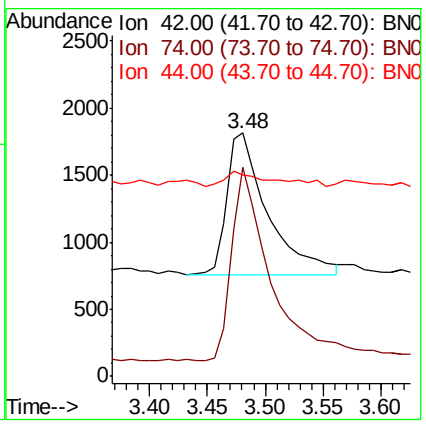




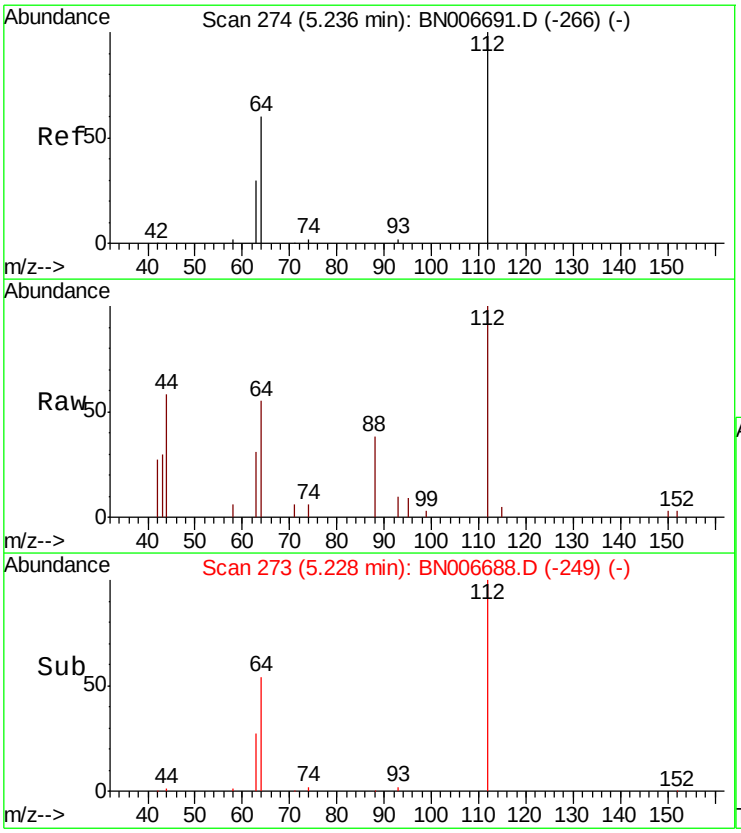
#3
n-Nitrosodimethylamine
Concen: 0.522 ng
RT: 3.48 min Scan# 56
Delta R.T. -0.02 min
Lab File: BN006688.D
Acq: 02 Jul 2019 11:52

Tgt Ion: 42 Resp: 2577

Ion	Ratio	Lower	Upper
42	100		
74	127.9	106.6	160.0
44	7.6	8.0	12.0#



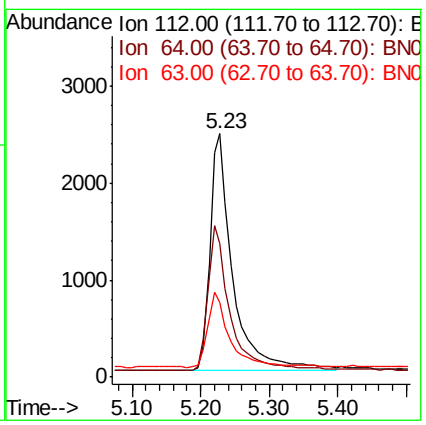
Instrument :
BNA_N
ClientSampleId :

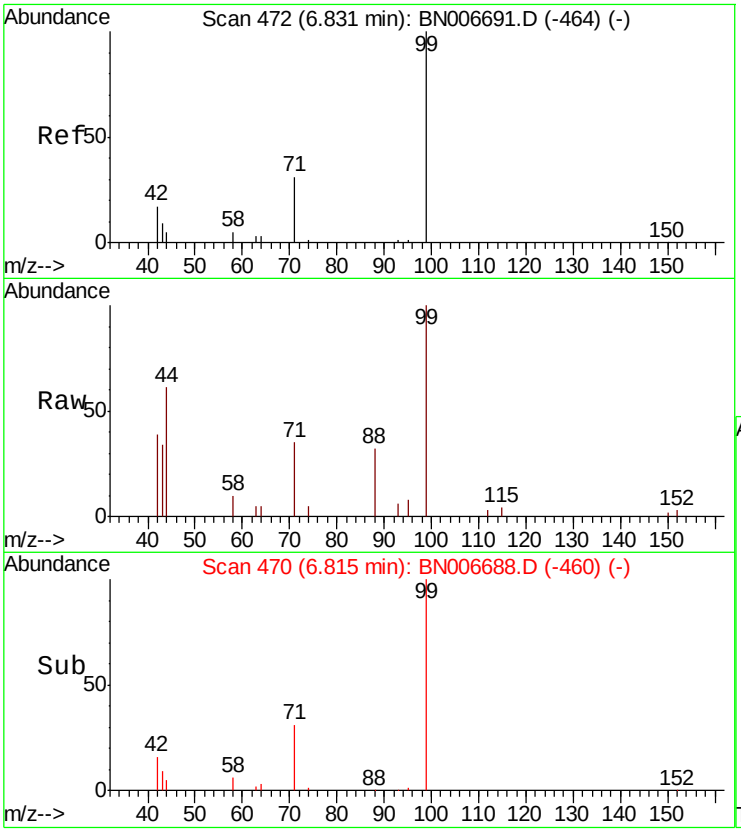


#4
2-Fluorophenol
Concen: 0.508 ng
RT: 5.23 min Scan# 273
Delta R.T. -0.01 min
Lab File: BN006688.D
Acq: 02 Jul 2019 11:52

Tgt Ion:112 Resp: 5654

Ion	Ratio	Lower	Upper
112	100		
64	60.6	49.8	74.6
63	30.9	25.8	38.6



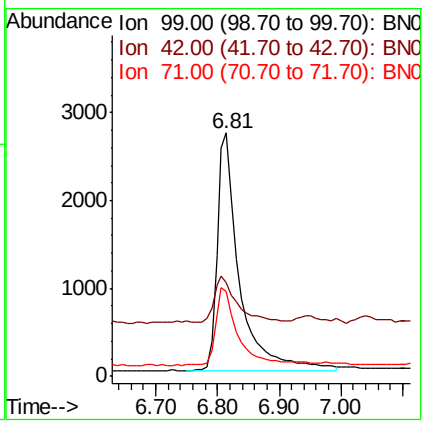


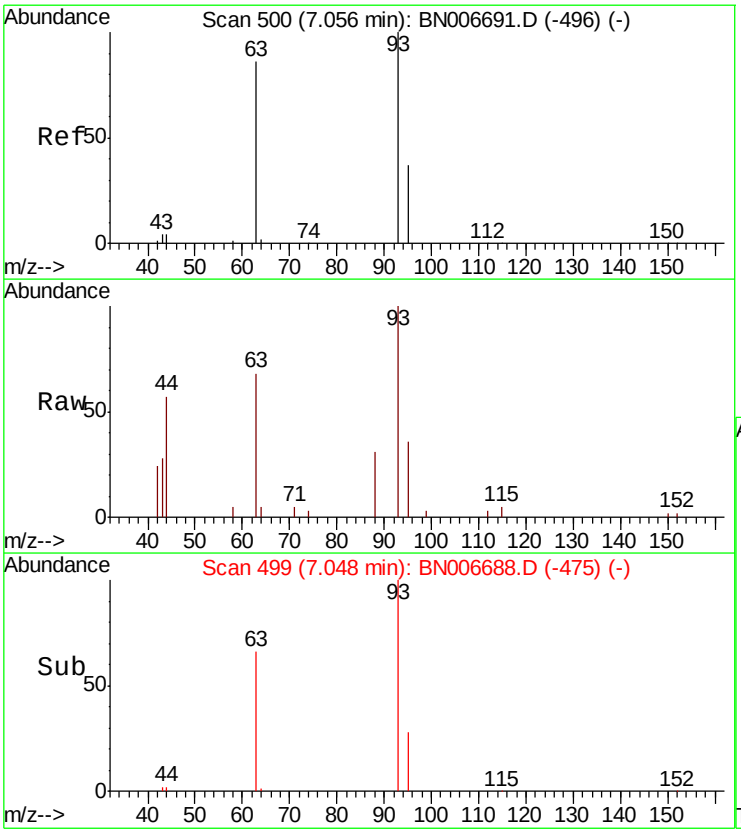
#5
Phenol-d6
Concen: 0.459 ng
RT: 6.81 min Scan# 470
Delta R.T. -0.02 min
Lab File: BN006688.D
Acq: 02 Jul 2019 11:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 6757

Ion	Ratio	Lower	Upper
99	100		
42	20.1	16.6	25.0
71	31.7	26.0	39.0

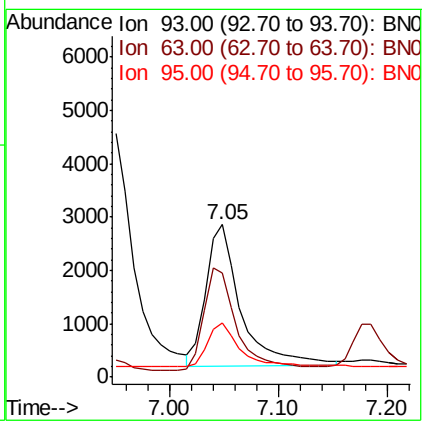


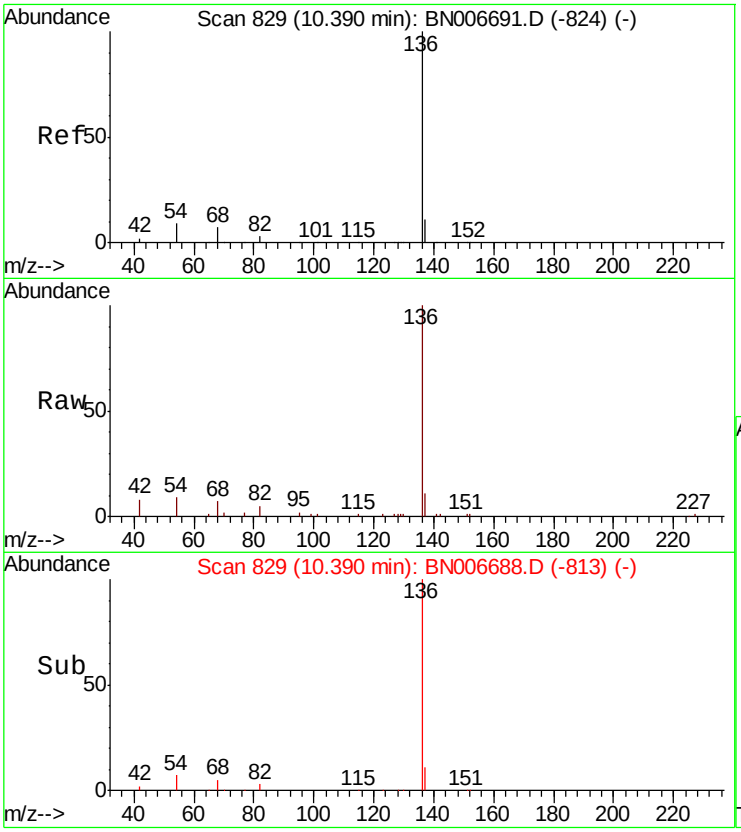


#6
bis(2-Chloroethyl)ether
Concen: 0.449 ng
RT: 7.05 min Scan# 499
Delta R.T. -0.01 min
Lab File: BN006688.D
Acq: 02 Jul 2019 11:52

Tgt Ion: 93 Resp: 5907

Ion	Ratio	Lower	Upper
93	100		
63	69.7	58.6	87.8
95	30.5	28.3	42.5



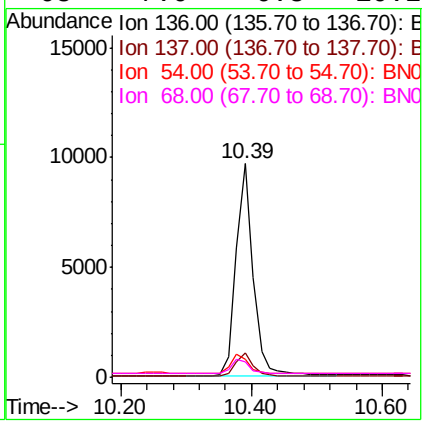


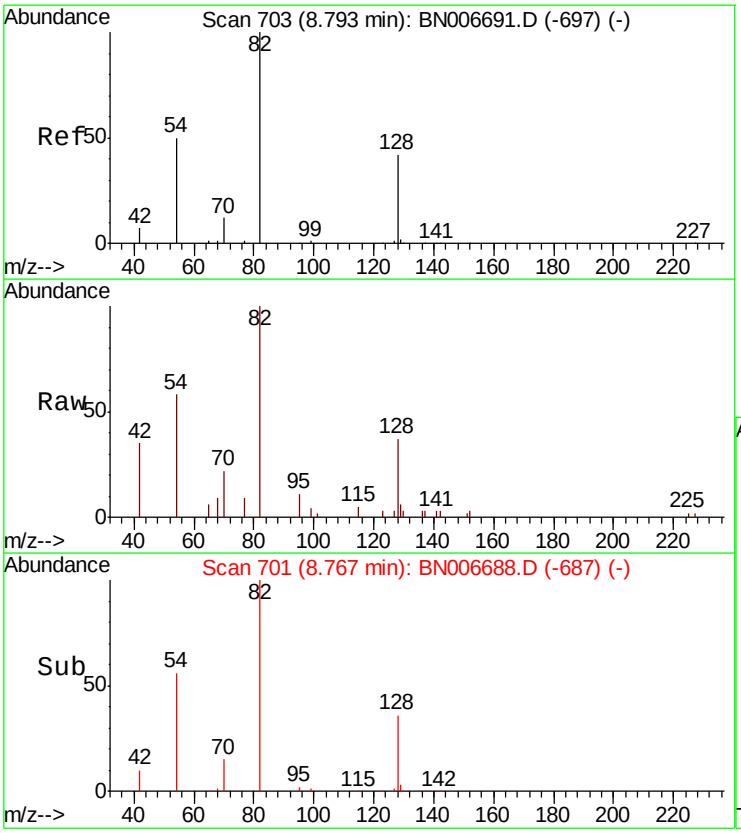
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.39 min Scan# 829
Delta R.T. -0.00 min
Lab File: BN006688.D
Acq: 02 Jul 2019 11:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 17616

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	8.5	8.4	12.6
68	7.0	6.8	10.2

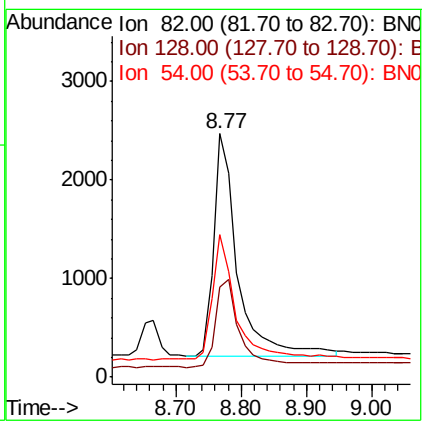


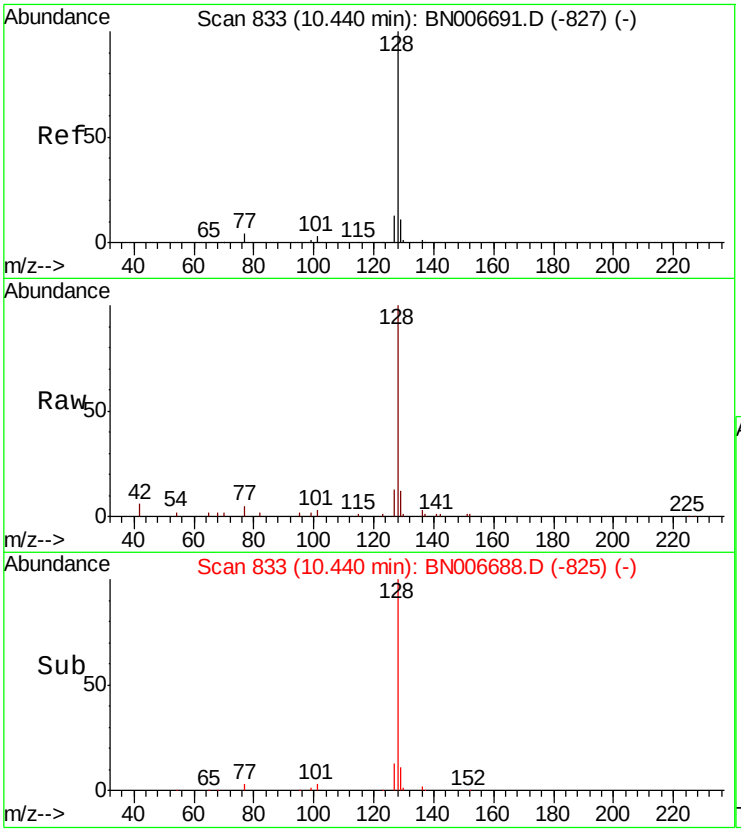


#8
Nitrobenzene-d5
Concen: 0.481 ng
RT: 8.77 min Scan# 701
Delta R.T. -0.03 min
Lab File: BN006688.D
Acq: 02 Jul 2019 11:52

Tgt Ion: 82 Resp: 5699

Ion	Ratio	Lower	Upper
82	100		
128	36.8	36.1	54.1
54	58.5	44.5	66.7



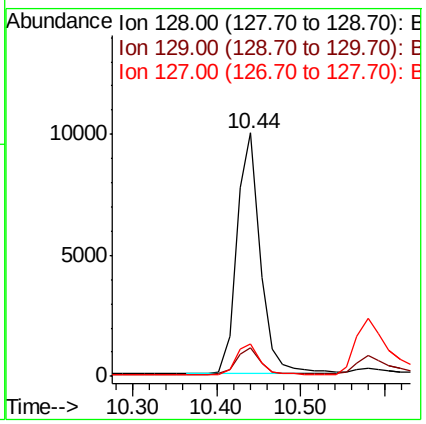


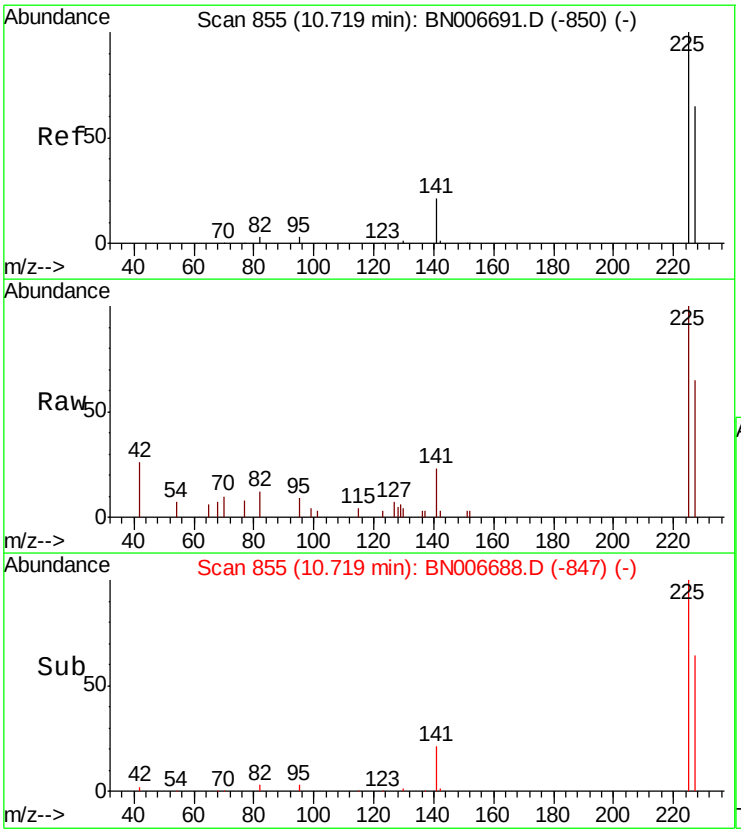
#9
Naphthalene
Concen: 0.417 ng
RT: 10.44 min Scan# 833
Delta R.T. -0.00 min
Lab File: BN006688.D
Acq: 02 Jul 2019 11:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 19306

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.6	14.4
127	13.3	11.0	16.4

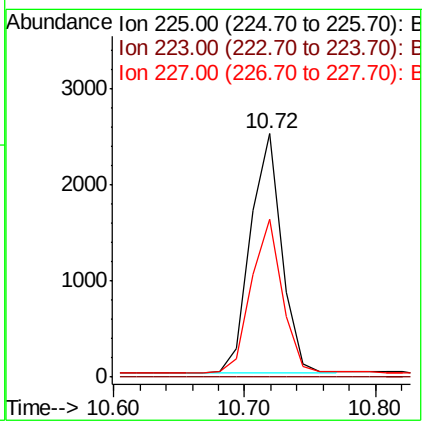


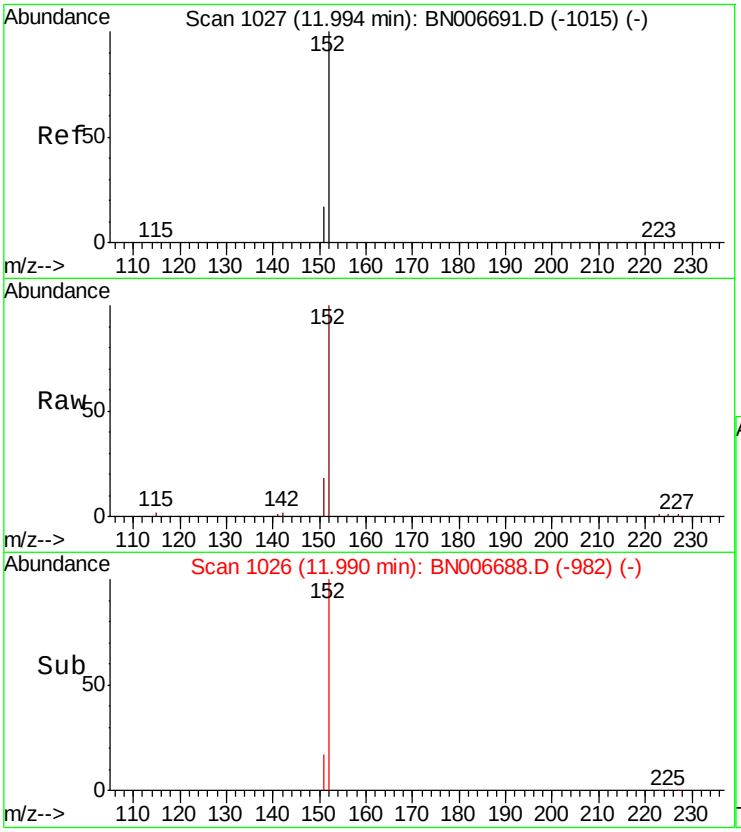


#10
Hexachlorobutadiene
Concen: 0.430 ng
RT: 10.72 min Scan# 855
Delta R.T. -0.00 min
Lab File: BN006688.D
Acq: 02 Jul 2019 11:52

Tgt Ion:225 Resp: 4091

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.0	50.9	76.3



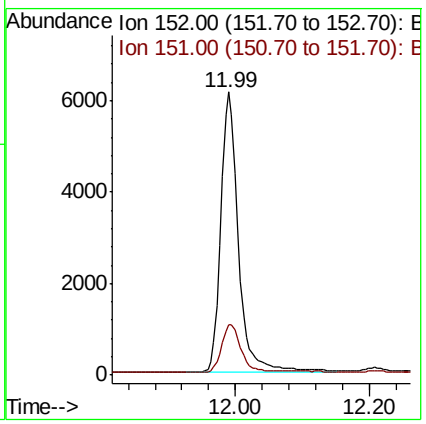


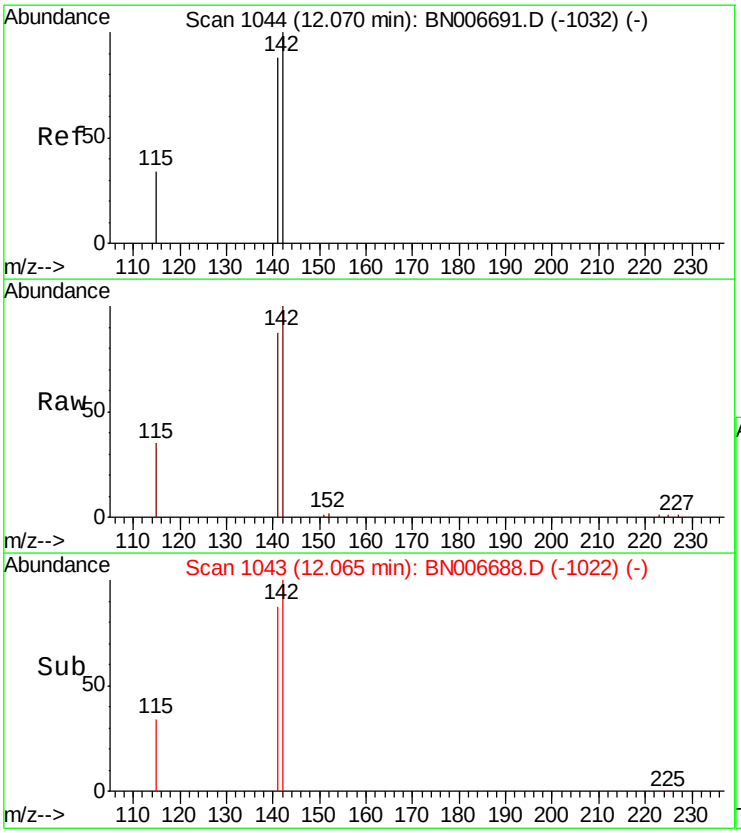
#11
2-Methylnaphthalene-d10
Concen: 0.402 ng
RT: 11.99 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BN006688.D
Acq: 02 Jul 2019 11:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 11156

Ion	Ratio	Lower	Upper
152	100		
151	18.6	14.9	22.3

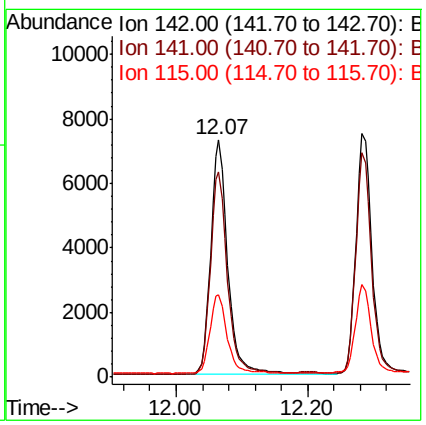


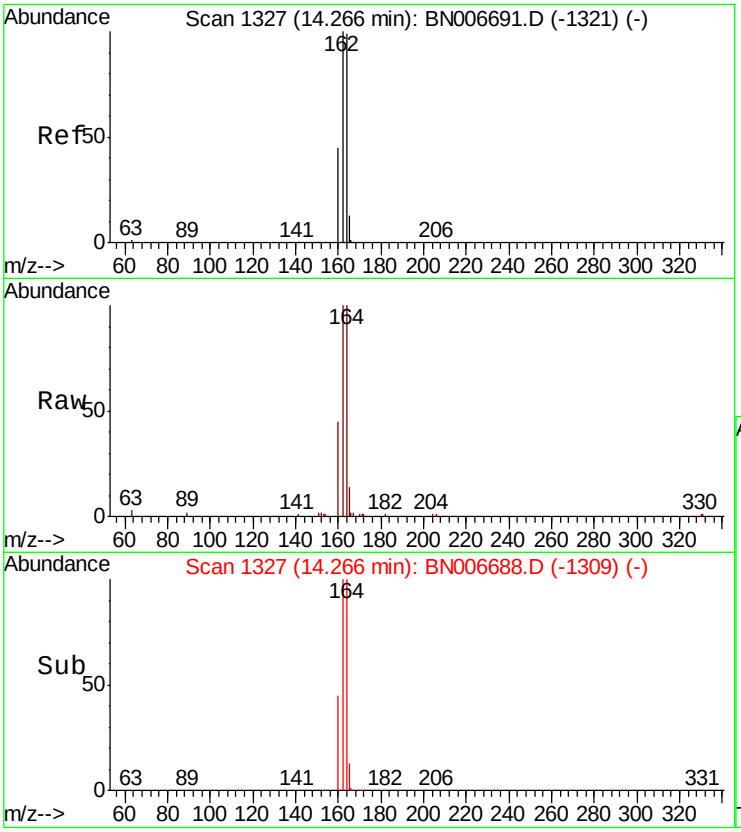


#12
2-Methylnaphthalene
Concen: 0.410 ng
RT: 12.07 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BN006688.D
Acq: 02 Jul 2019 11:52

Tgt Ion:142 Resp: 13105

Ion	Ratio	Lower	Upper
142	100		
141	86.6	70.3	105.5
115	34.7	28.9	43.3



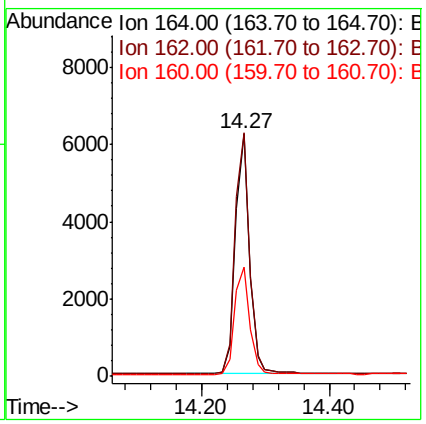


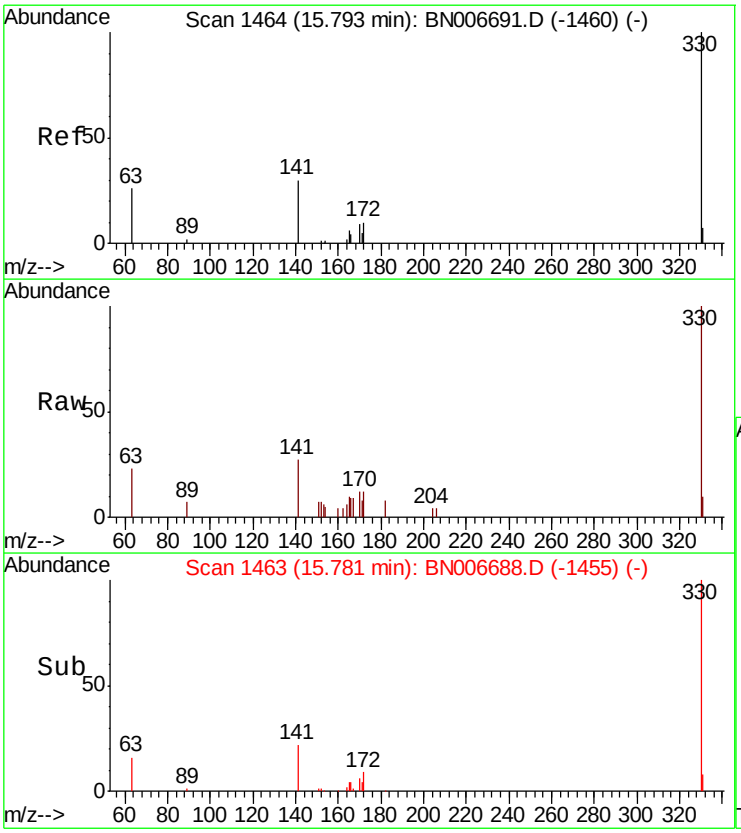
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.27 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BN006688.D
Acq: 02 Jul 2019 11:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 9730

Ion	Ratio	Lower	Upper
164	100		
162	100.4	80.8	121.2
160	45.3	37.0	55.6

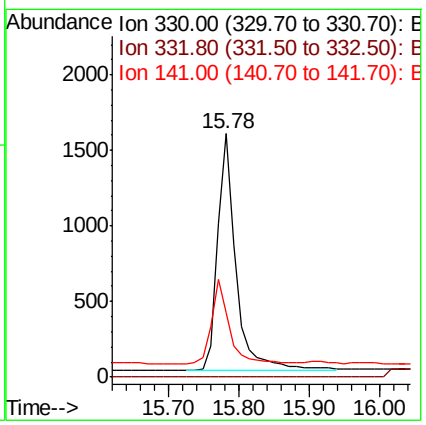


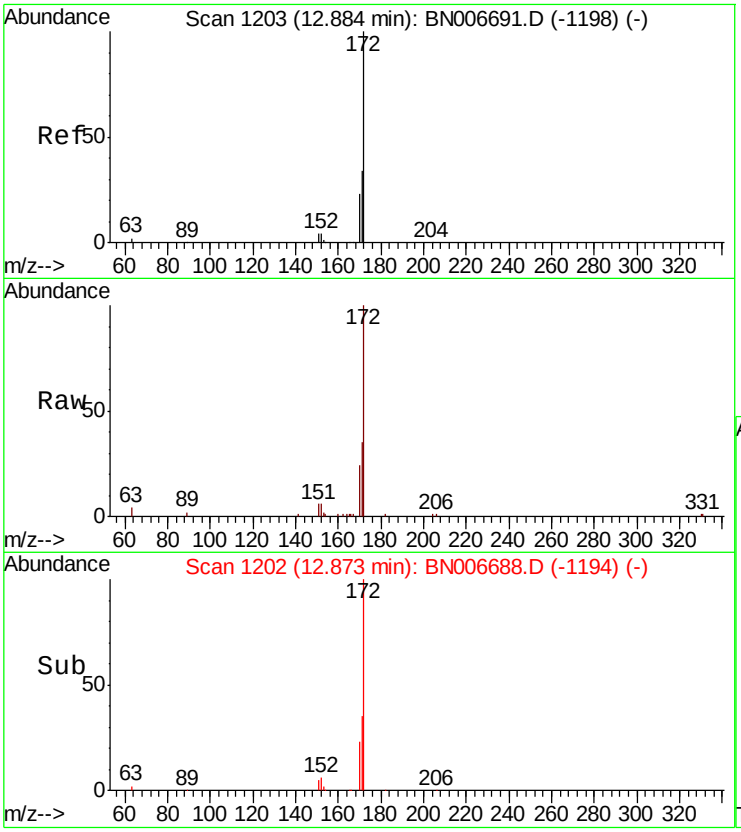


#14
2,4,6-Tribromophenol
Concen: 0.631 ng
RT: 15.78 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BN006688.D
Acq: 02 Jul 2019 11:52

Tgt Ion:330 Resp: 2891

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



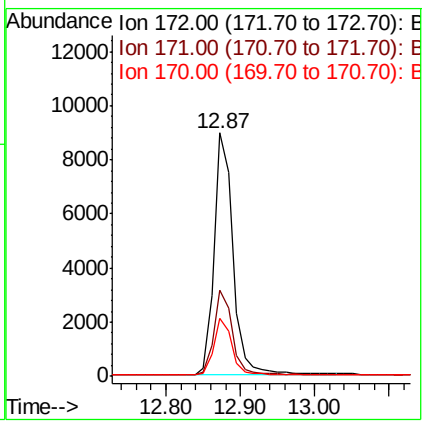


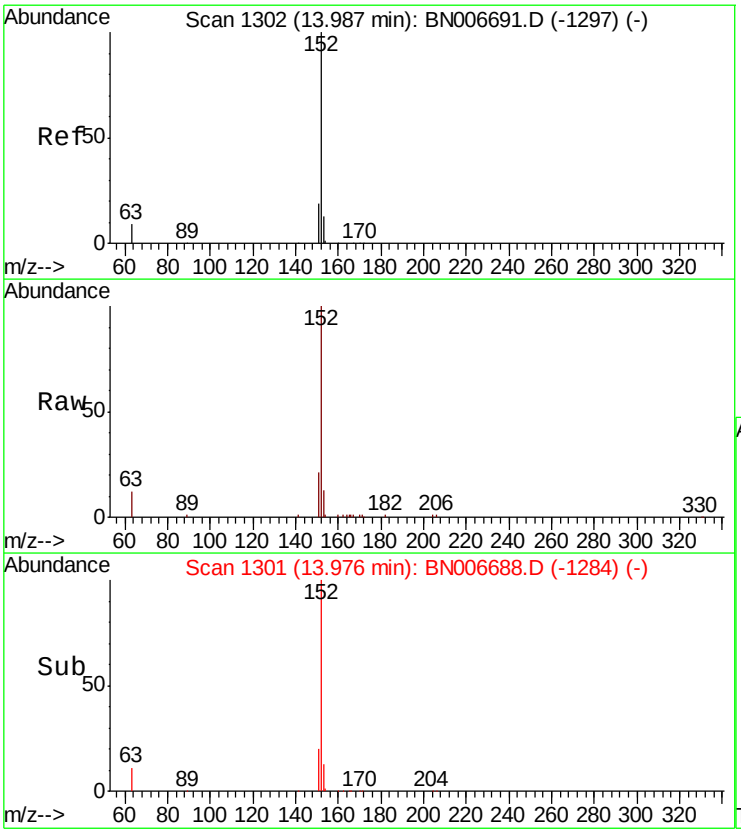
#15
2-Fluorobiphenyl
Concen: 0.438 ng
RT: 12.87 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BN006688.D
Acq: 02 Jul 2019 11:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 15797

Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.8	41.6
170	24.0	18.9	28.3

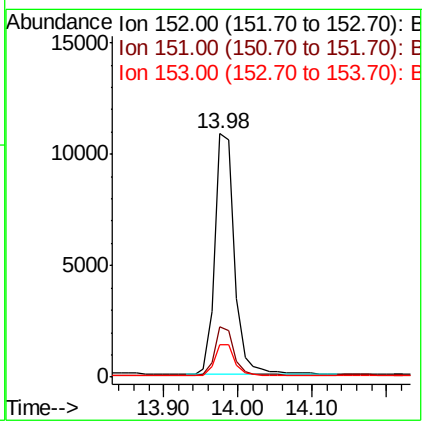


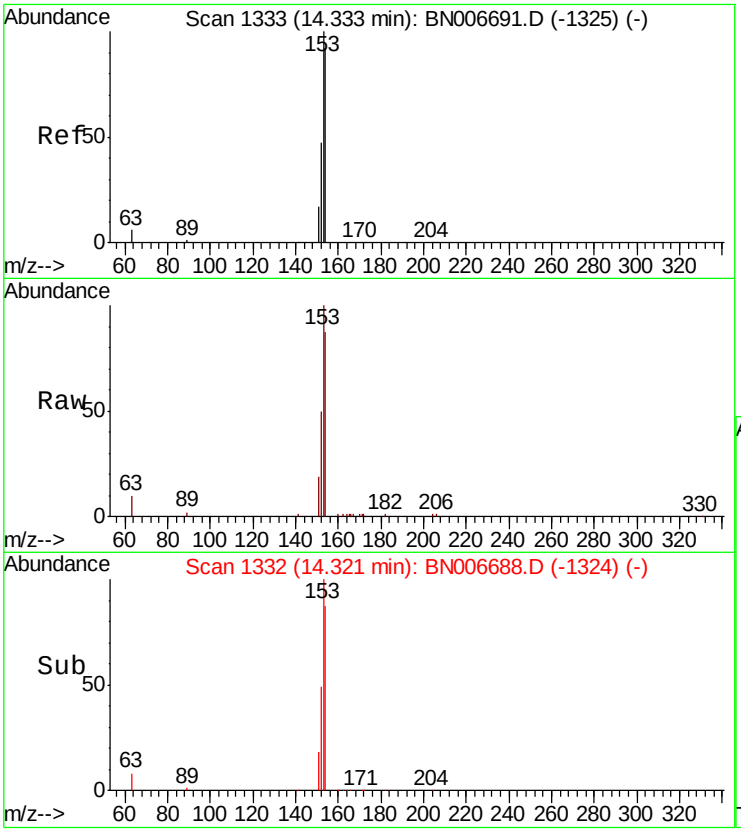


#16
Acenaphthylene
Concen: 0.428 ng
RT: 13.98 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BN006688.D
Acq: 02 Jul 2019 11:52

Tgt Ion:152 Resp: 19852

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.7	23.5
153	13.0	10.6	15.8



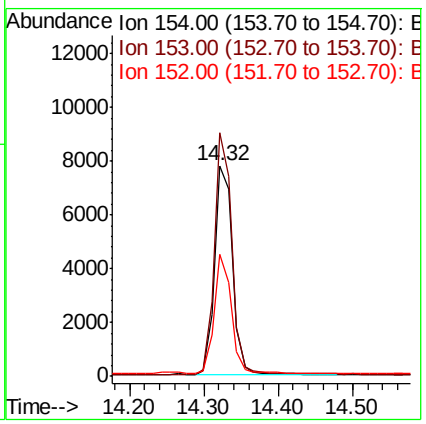


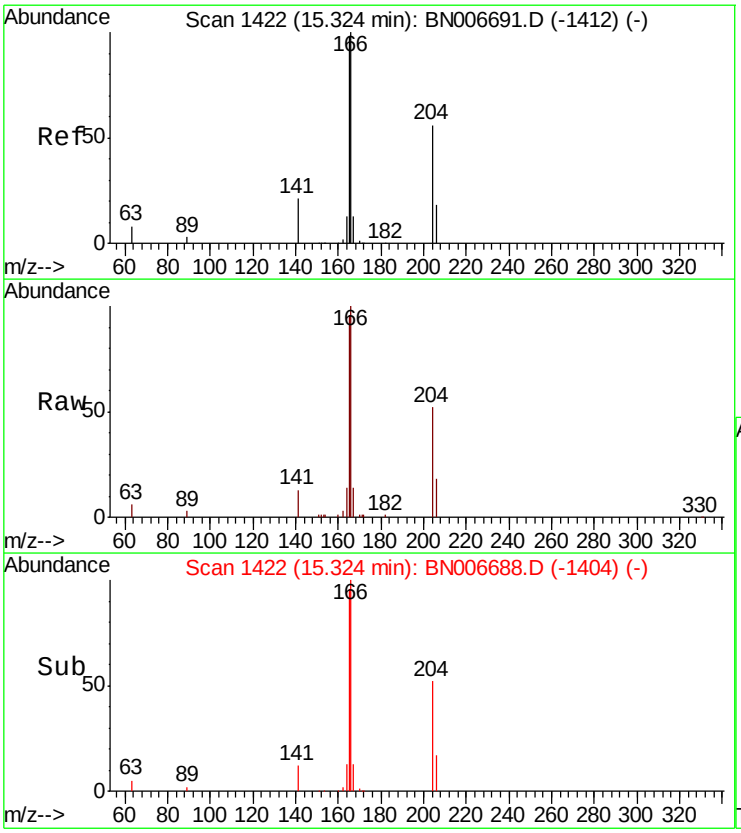
#17
Acenaphthene
Concen: 0.421 ng
RT: 14.32 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BN006688.D
Acq: 02 Jul 2019 11:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 12866

Ion	Ratio	Lower	Upper
154	100		
153	112.6	88.9	133.3
152	55.2	42.8	64.2

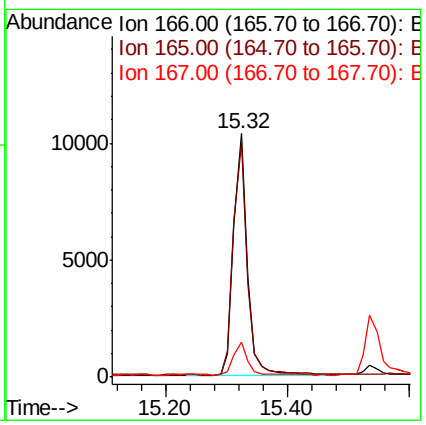


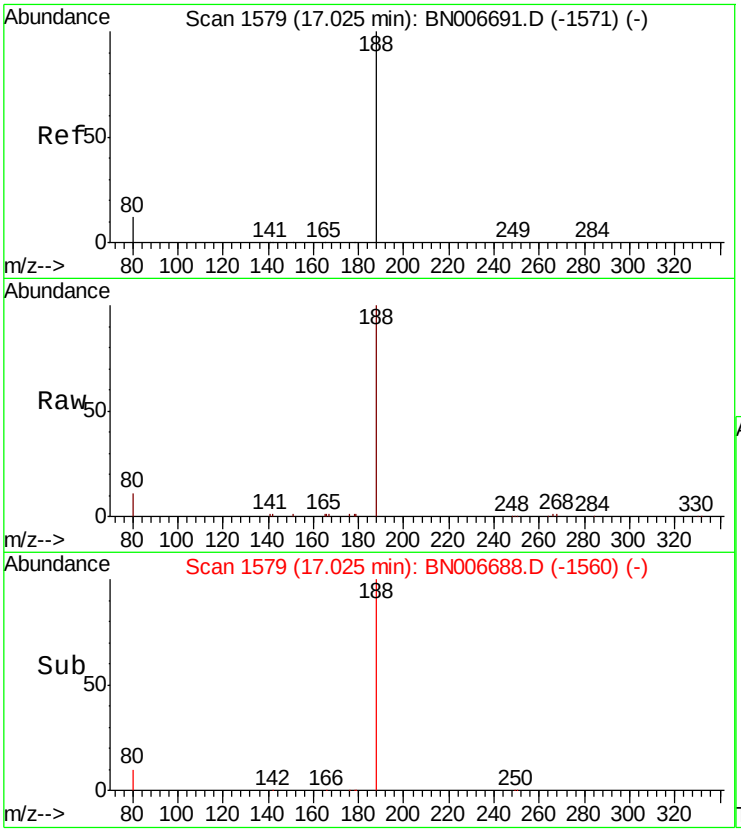


#18
Fluorene
Concen: 0.419 ng
RT: 15.32 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BN006688.D
Acq: 02 Jul 2019 11:52

Tgt Ion:166 Resp: 16151

Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.0	117.0
167	13.3	10.7	16.1



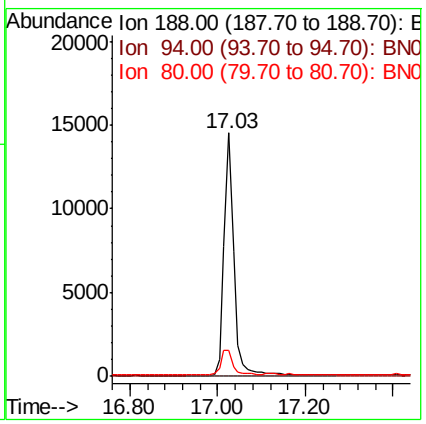


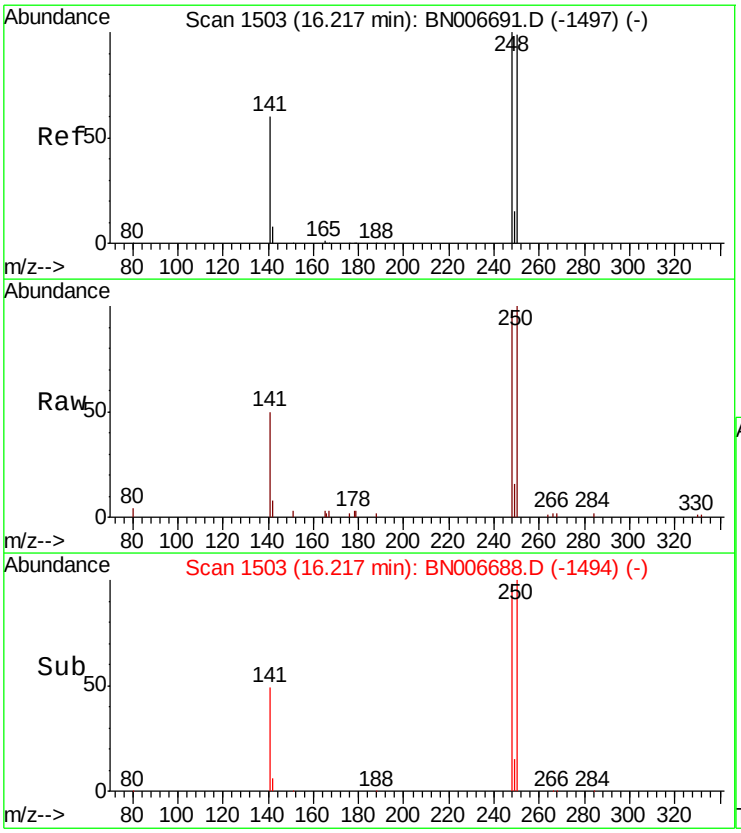
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.03 min Scan# 1579
Delta R.T. -0.00 min
Lab File: BN006688.D
Acq: 02 Jul 2019 11:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 22412

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.7	10.3	15.5

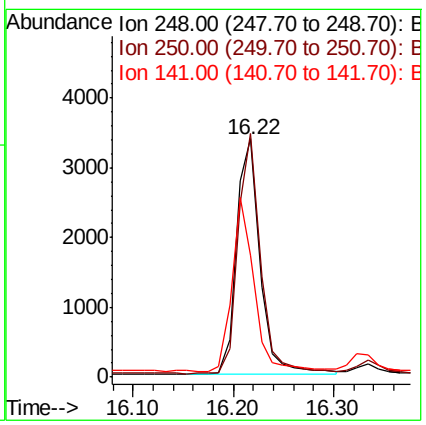


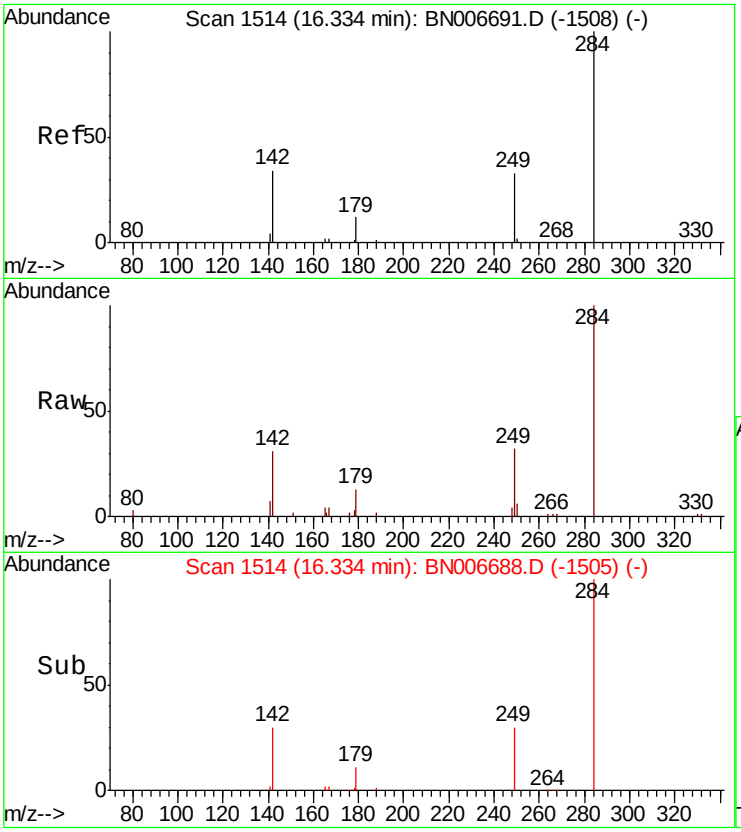


#20
4-Bromophenyl-phenylether
Concen: 0.442 ng
RT: 16.22 min Scan# 1503
Delta R.T. -0.00 min
Lab File: BN006688.D
Acq: 02 Jul 2019 11:52

Tgt Ion:248 Resp: 5489

Ion	Ratio	Lower	Upper
248	100		
250	102.1	79.0	118.6
141	51.4	50.2	75.4



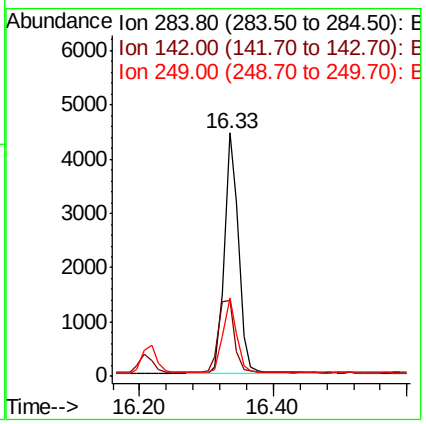


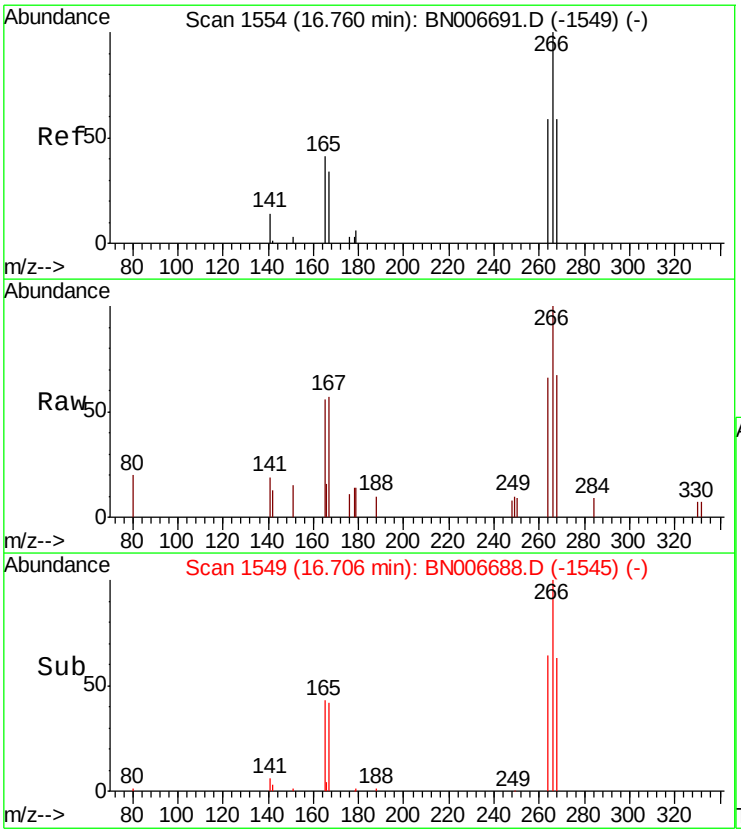
#21
Hexachlorobenzene
Concen: 0.413 ng
RT: 16.33 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BN006688.D
Acq: 02 Jul 2019 11:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 6475

Ion	Ratio	Lower	Upper
284	100		
142	34.0	26.9	40.3
249	30.0	24.4	36.6

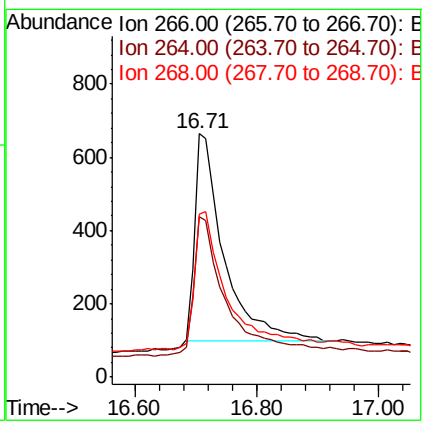


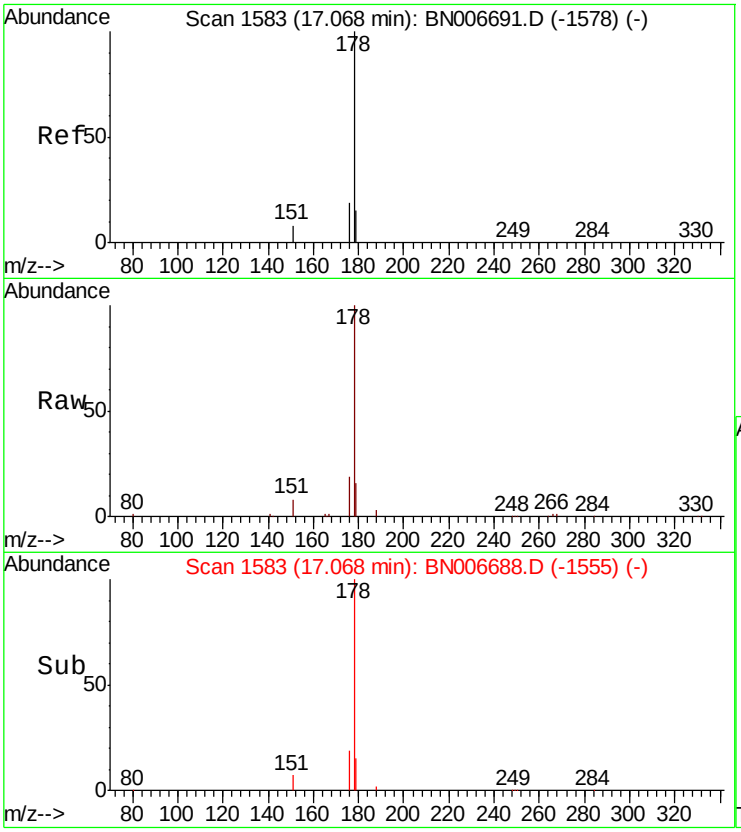


#22
Pentachlorophenol
Concen: 0.735 ng
RT: 16.71 min Scan# 1549
Delta R.T. -0.05 min
Lab File: BN006688.D
Acq: 02 Jul 2019 11:52

Tgt Ion:266 Resp: 1839

Ion	Ratio	Lower	Upper
266	100		
264	65.9	57.6	86.4
268	66.9	66.6	99.8



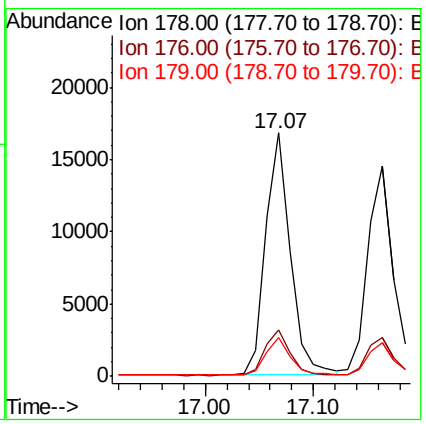


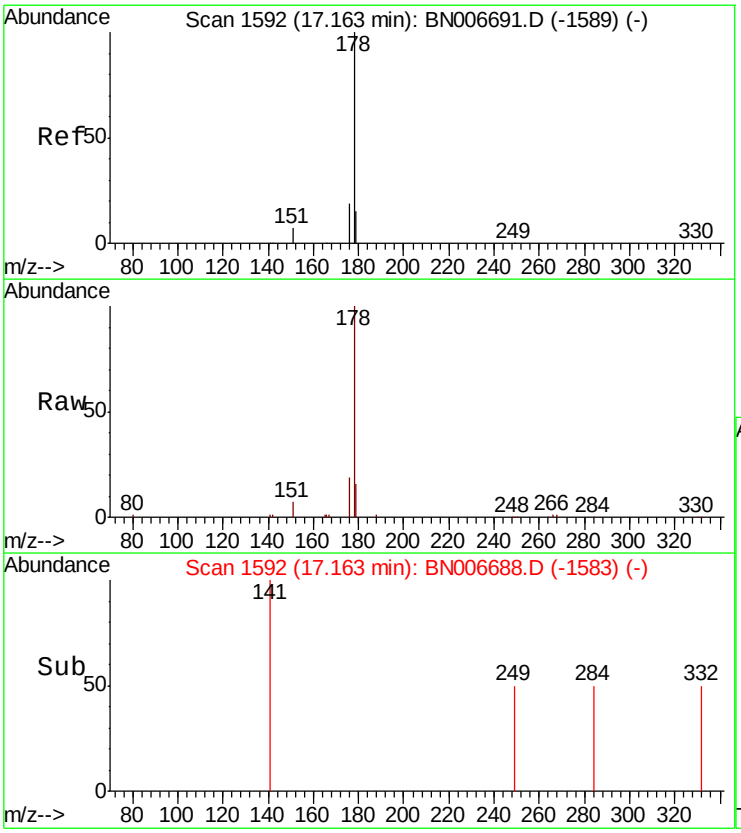
#23
Phenanthrene
Concen: 0.419 ng
RT: 17.07 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BN006688.D
Acq: 02 Jul 2019 11:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 26701

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

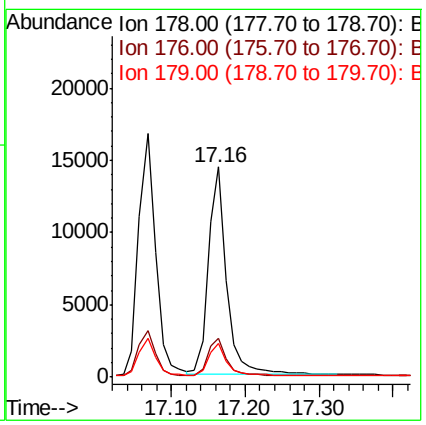


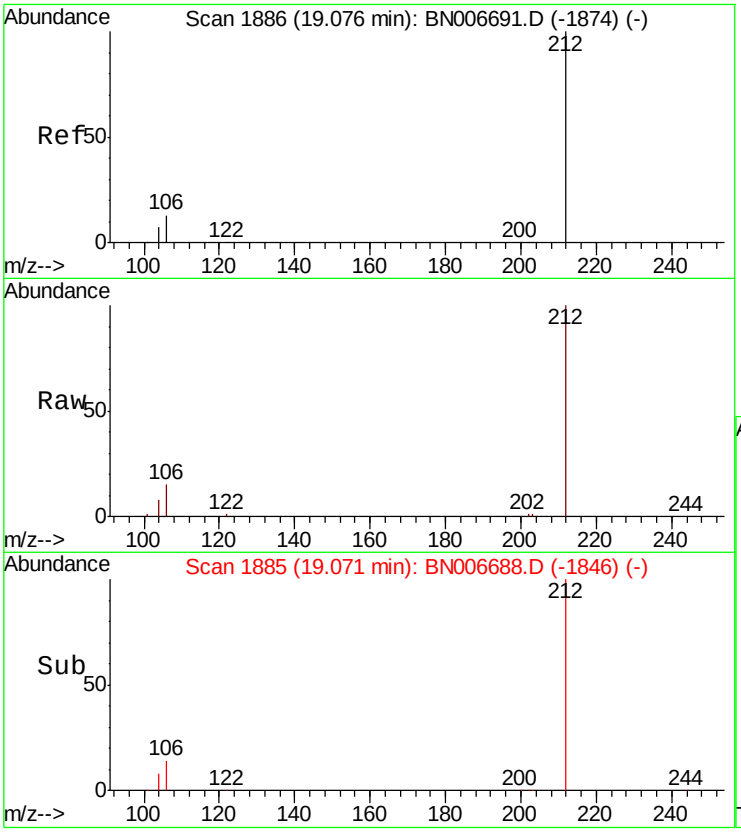


#24
Anthracene
Concen: 0.448 ng
RT: 17.16 min Scan# 1592
Delta R.T. -0.00 min
Lab File: BN006688.D
Acq: 02 Jul 2019 11:52

Tgt Ion:178 Resp: 24776

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.8	22.2
179	15.3	11.9	17.9



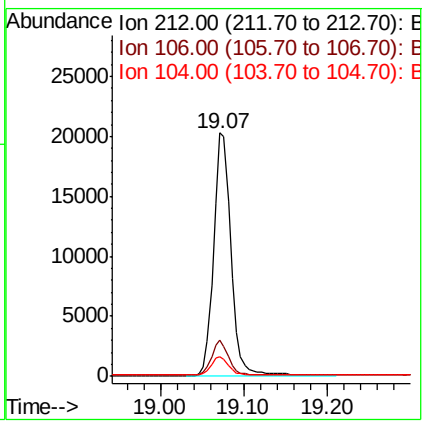


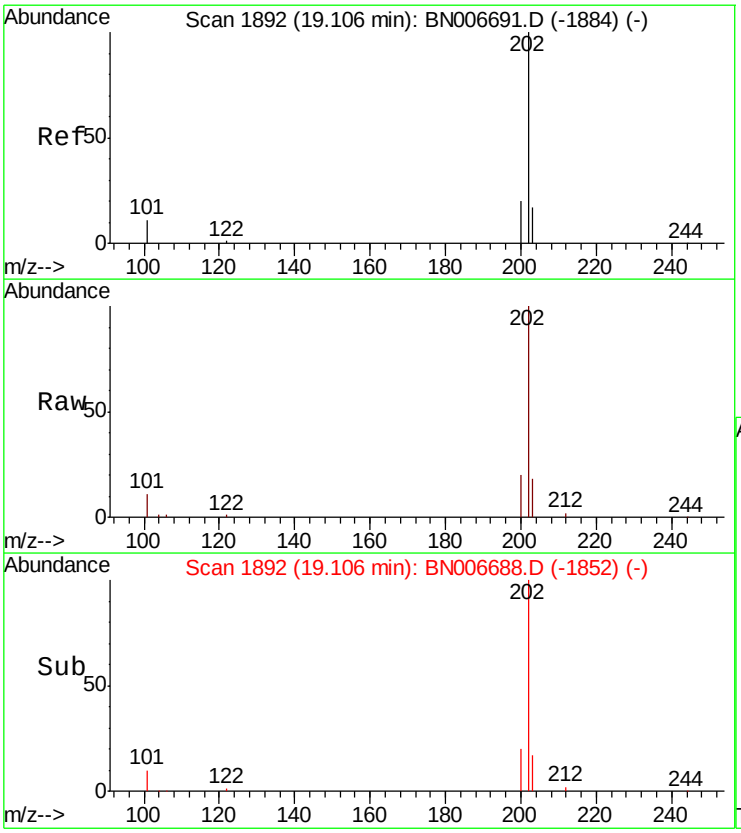
#25
Fluoranthene-d10
Concen: 0.443 ng
RT: 19.07 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BN006688.D
Acq: 02 Jul 2019 11:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 29153

Ion	Ratio	Lower	Upper
212	100		
106	14.0	11.0	16.6
104	7.4	6.1	9.1

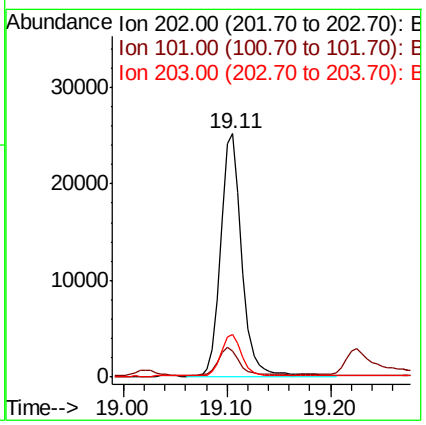


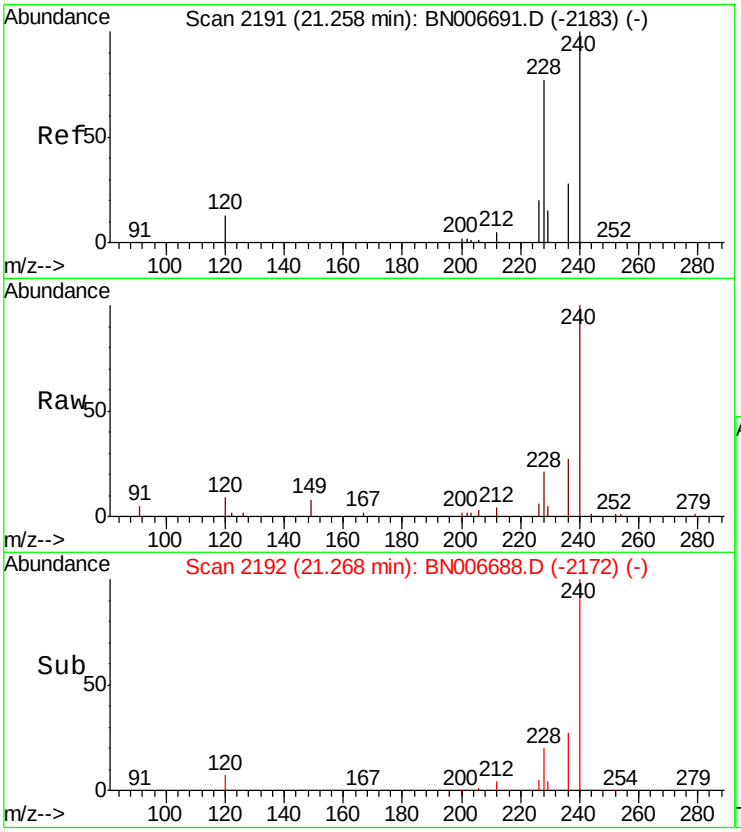


#26
Fluoranthene
Concen: 0.455 ng
RT: 19.11 min Scan# 1892
Delta R.T. -0.00 min
Lab File: BN006688.D
Acq: 02 Jul 2019 11:52

Tgt Ion:202 Resp: 35227

Ion	Ratio	Lower	Upper
202	100		
101	11.2	8.7	13.1
203	17.2	13.8	20.6



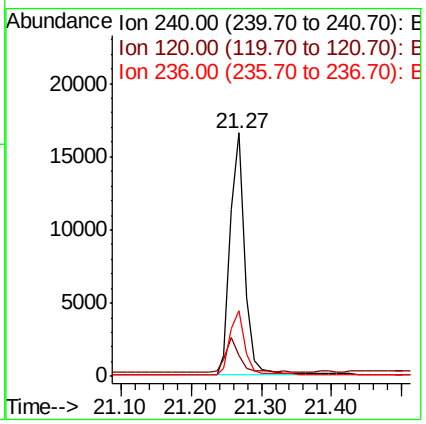


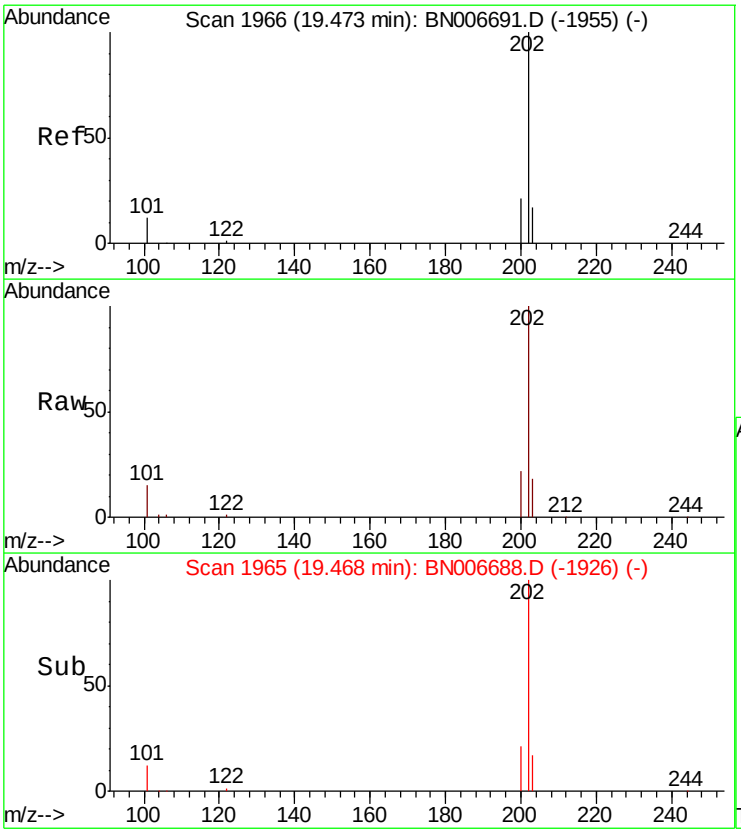
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 2192
Delta R.T. 0.01 min
Lab File: BN006688.D
Acq: 02 Jul 2019 11:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 23606

Ion	Ratio	Lower	Upper
240	100		
120	8.7	12.9	19.3#
236	27.1	23.2	34.8

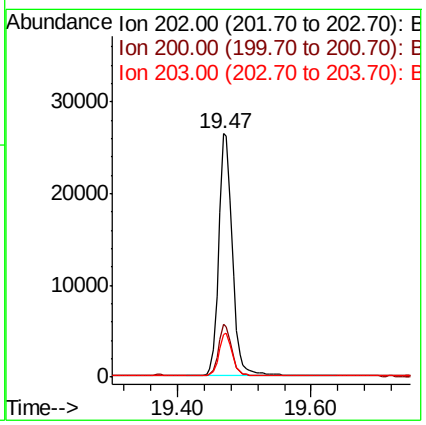


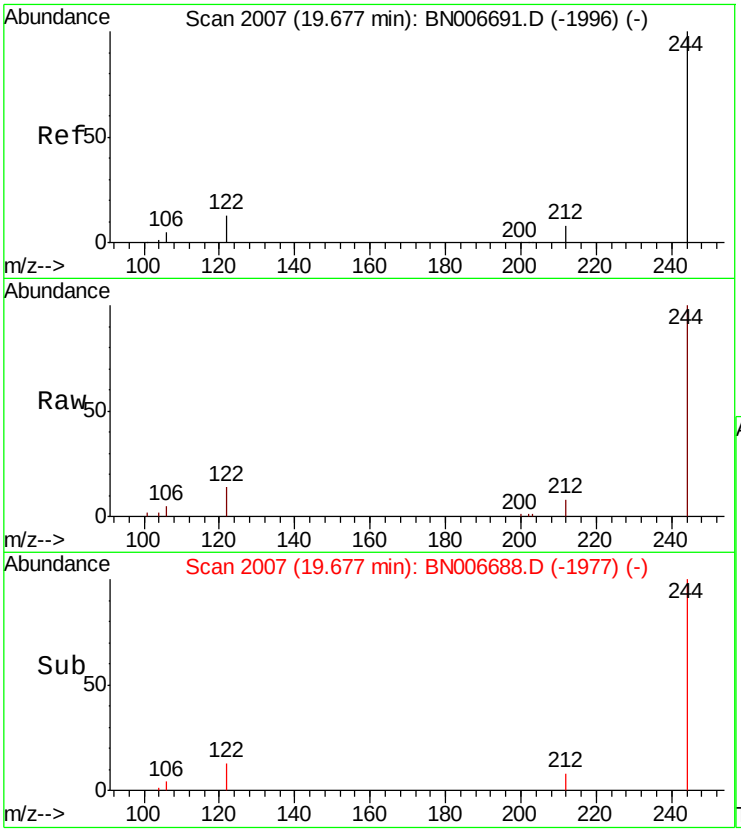


#28
Pyrene
Concen: 0.455 ng
RT: 19.47 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BN006688.D
Acq: 02 Jul 2019 11:52

Tgt Ion:202 Resp: 37563

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



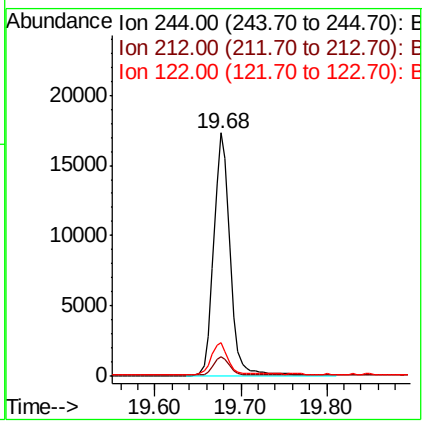


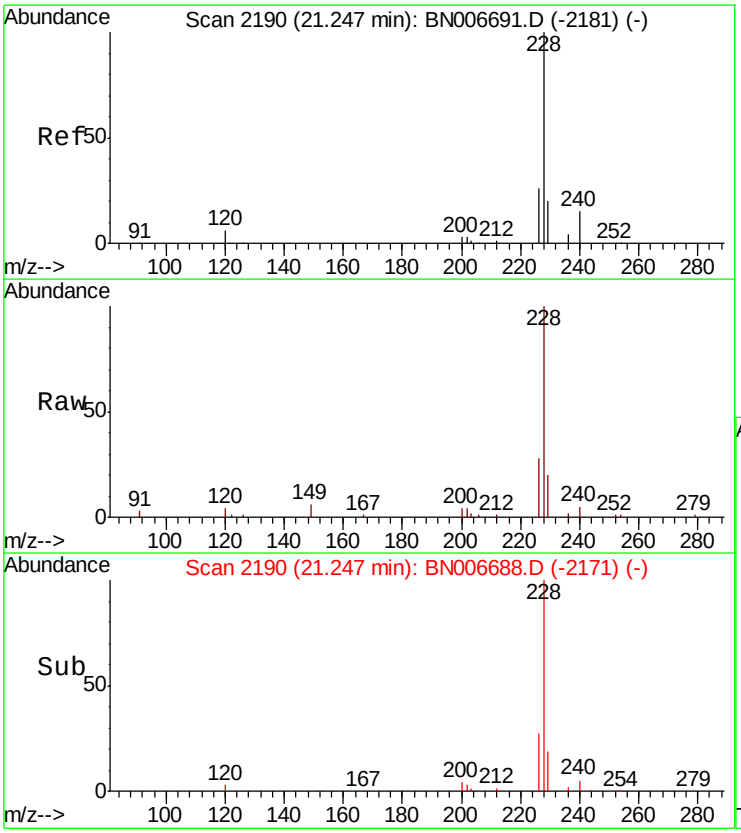
#29
Terphenyl-d14
Concen: 0.460 ng
RT: 19.68 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BN006688.D
Acq: 02 Jul 2019 11:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 22755

Ion	Ratio	Lower	Upper
244	100		
212	8.1	7.0	10.4
122	13.9	11.5	17.3

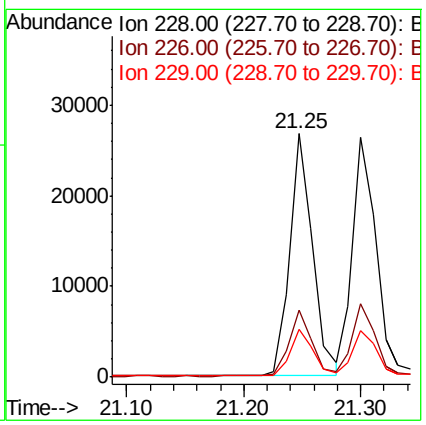


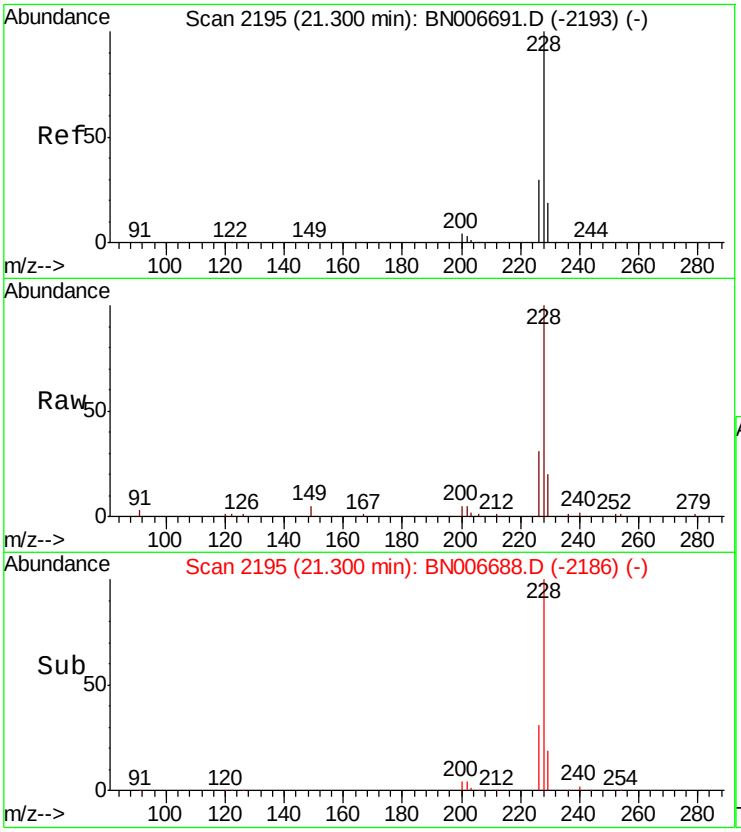


#30
Benzo(a)anthracene
Concen: 0.474 ng
RT: 21.25 min Scan# 2190
Delta R.T. -0.00 min
Lab File: BN006688.D
Acq: 02 Jul 2019 11:52

Tgt Ion:228 Resp: 36589

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.5	32.3
229	19.8	16.2	24.4



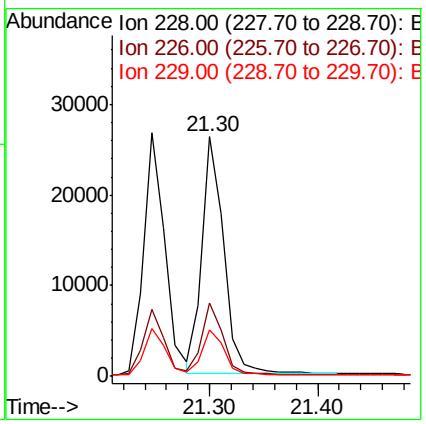


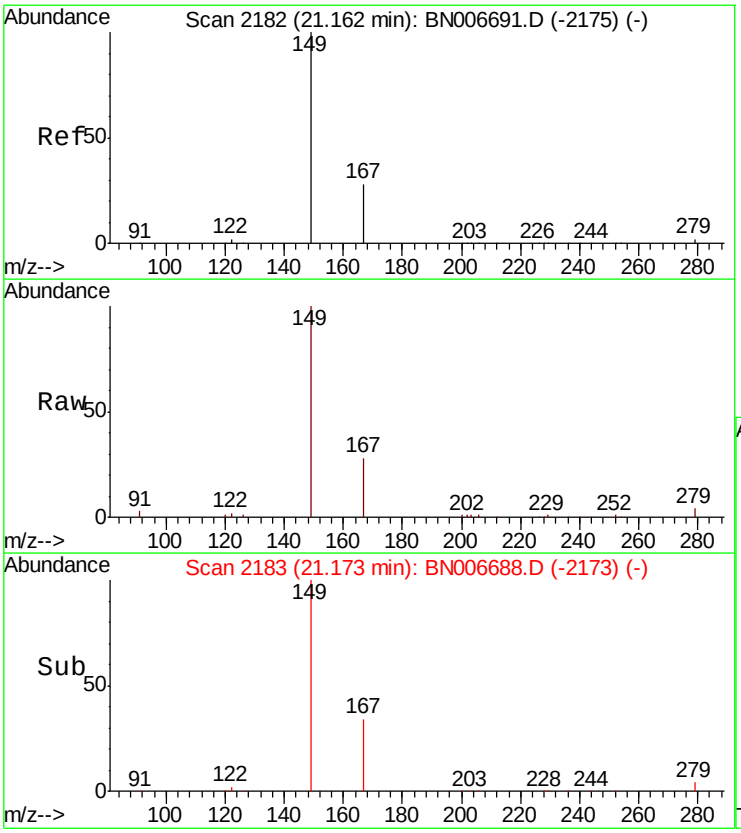
#31
Chrysene
Concen: 0.440 ng
RT: 21.30 min Scan# 2195
Delta R.T. -0.00 min
Lab File: BN006688.D
Acq: 02 Jul 2019 11:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 36606

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.2	36.2
229	19.6	15.8	23.6

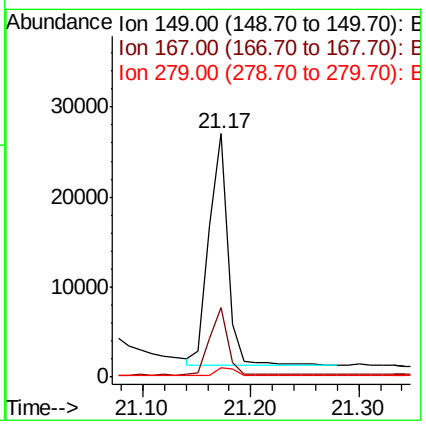


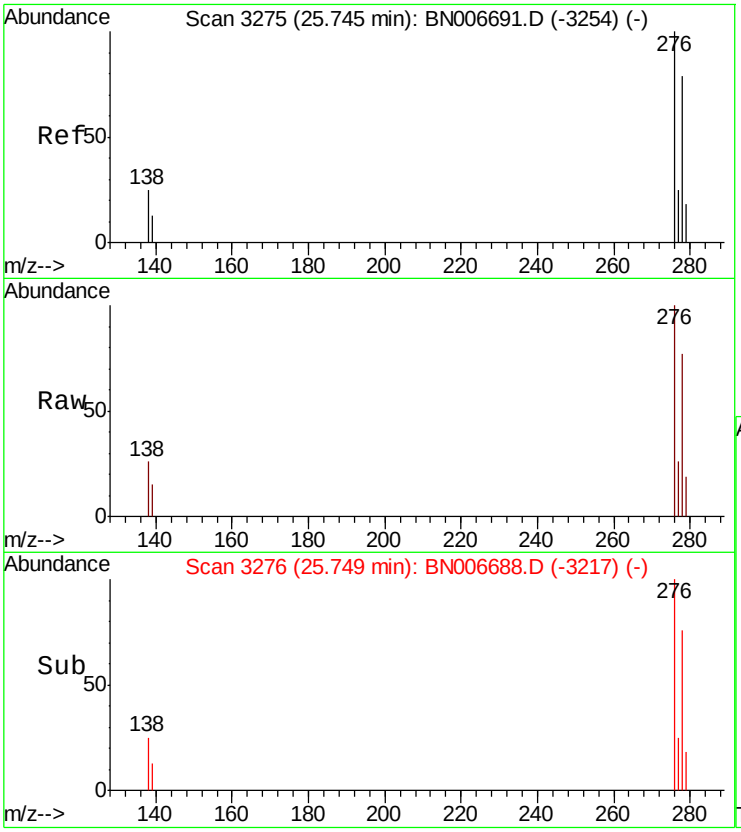


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.799 ng
RT: 21.17 min Scan# 2183
Delta R.T. 0.01 min
Lab File: BN006688.D
Acq: 02 Jul 2019 11:52

Tgt Ion:149 Resp: 31024

Ion	Ratio	Lower	Upper
149	100		
167	27.2	22.9	34.3
279	3.8	3.2	4.8



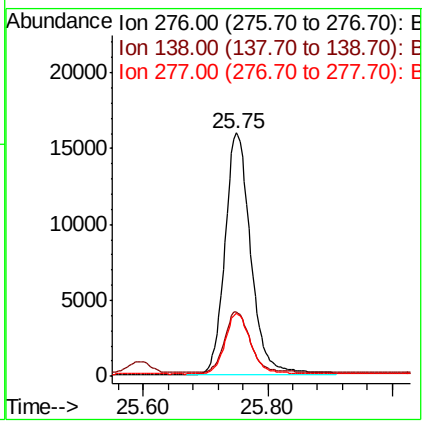


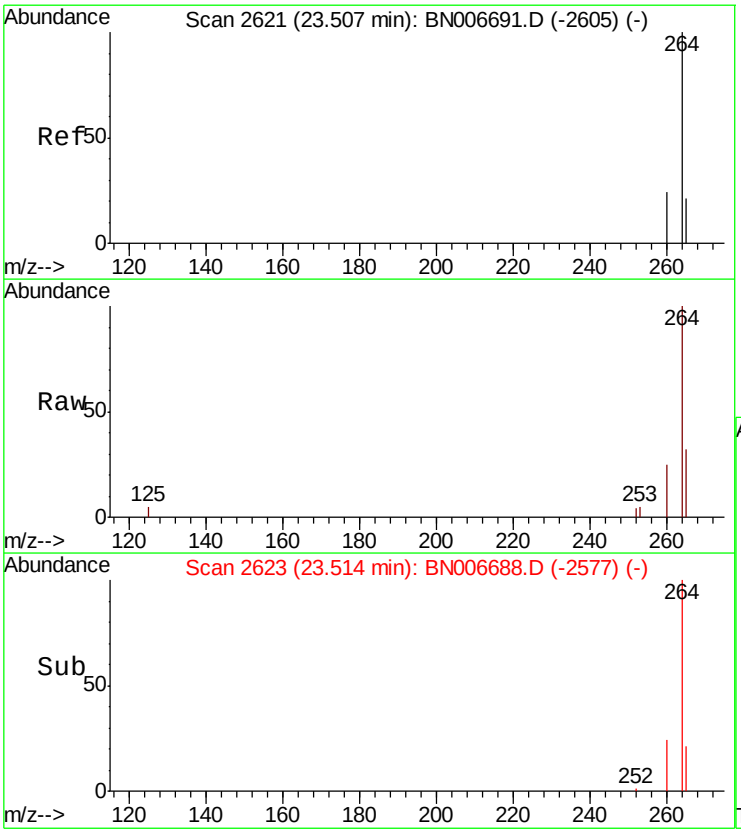
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.545 ng
RT: 25.75 min Scan# 3276
Delta R.T. 0.00 min
Lab File: BN006688.D
Acq: 02 Jul 2019 11:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 45924

Ion	Ratio	Lower	Upper
276	100		
138	25.1	19.5	29.3
277	25.0	19.7	29.5

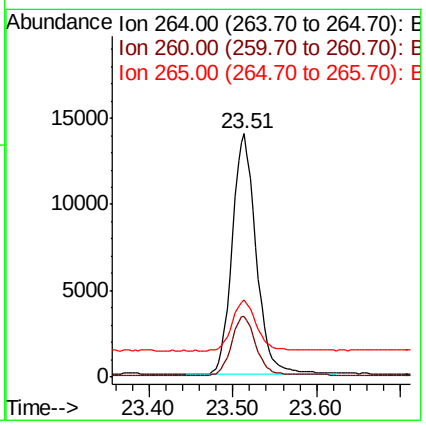


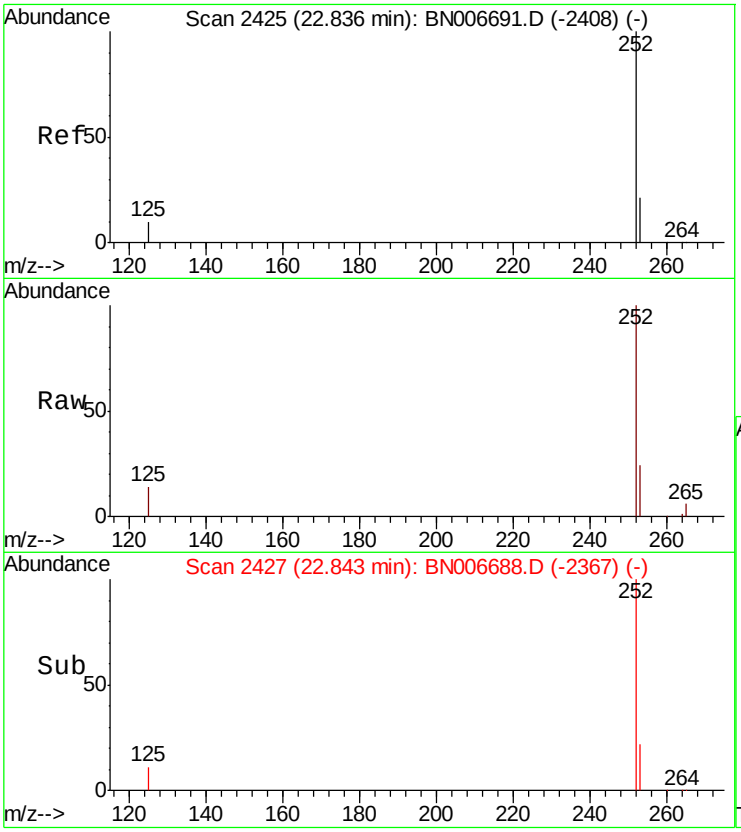


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.51 min Scan# 2623
Delta R.T. 0.01 min
Lab File: BN006688.D
Acq: 02 Jul 2019 11:52

Tgt Ion:264 Resp: 27639

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.2	30.2
265	31.7	33.7	50.5#



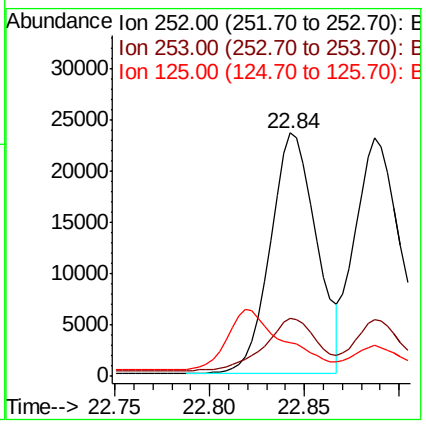


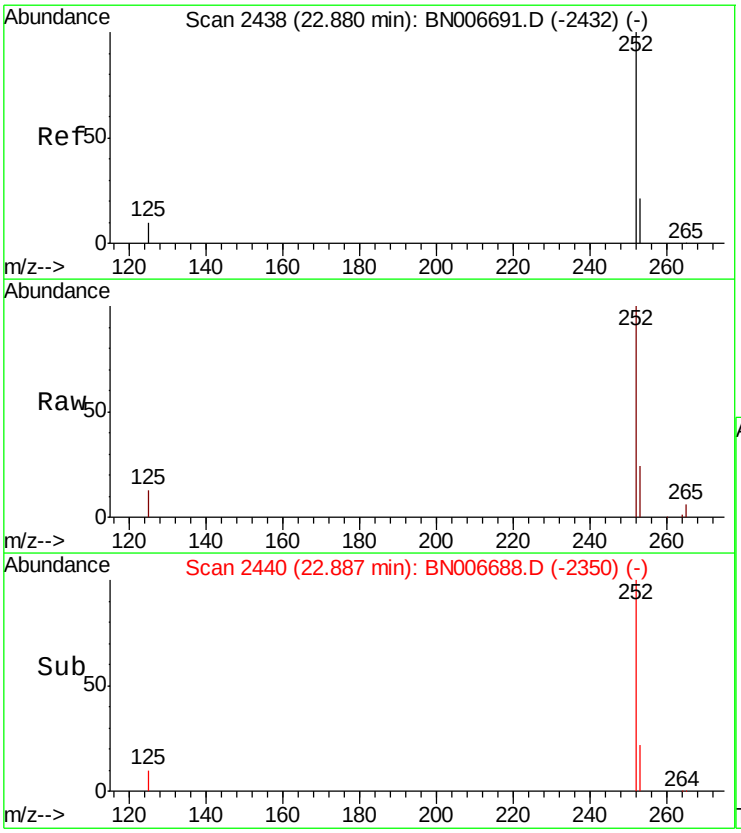
#35
Benzo(b)fluoranthene
Concen: 0.420 ng
RT: 22.84 min Scan# 2427
Delta R.T. 0.01 min
Lab File: BN006688.D
Acq: 02 Jul 2019 11:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 39504

Ion	Ratio	Lower	Upper
252	100		
253	24.0	20.2	30.2
125	14.0	11.5	17.3

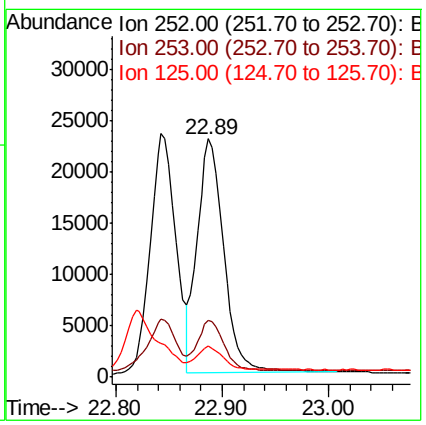


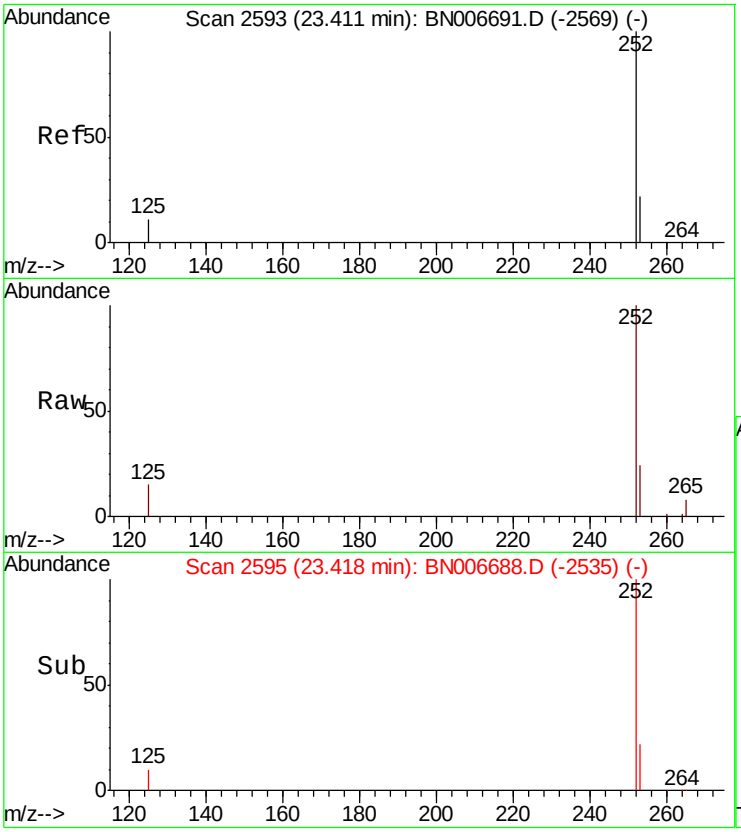


#36
Benzo(k)fluoranthene
Concen: 0.395 ng
RT: 22.89 min Scan# 2440
Delta R.T. 0.01 min
Lab File: BN006688.D
Acq: 02 Jul 2019 11:52

Tgt Ion:252 Resp: 39583

Ion	Ratio	Lower	Upper
252	100		
253	23.9	20.1	30.1
125	12.8	11.4	17.0



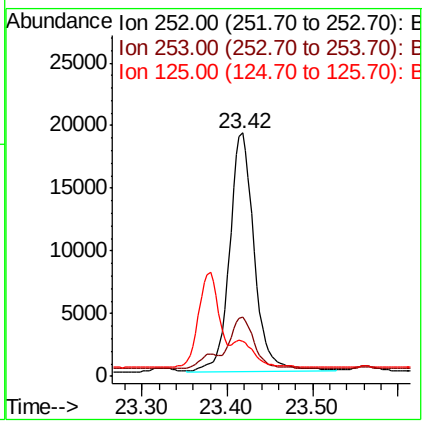


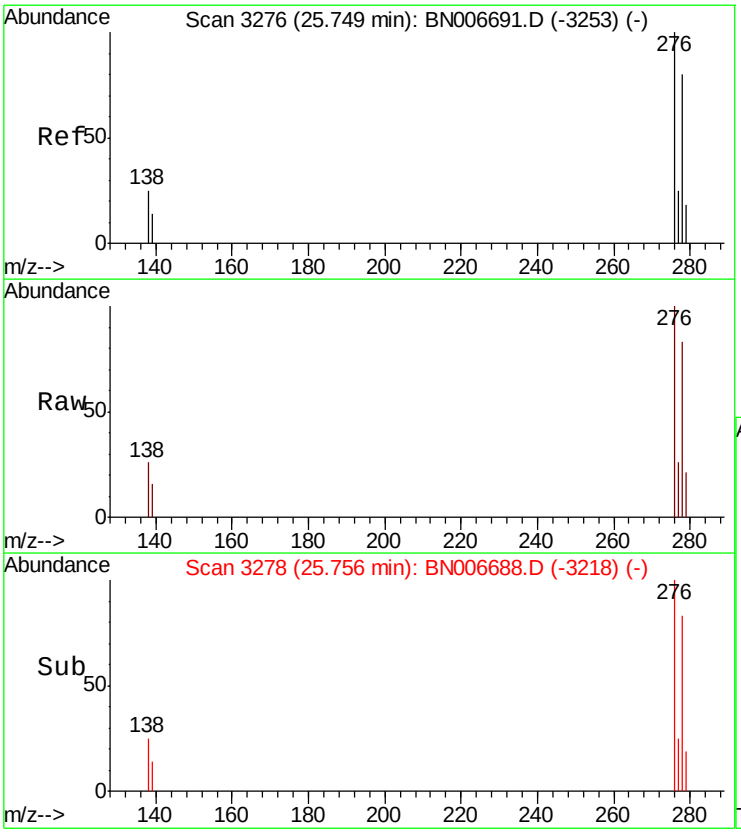
#37
Benzo(a)pyrene
Concen: 0.433 ng
RT: 23.42 min Scan# 2595
Delta R.T. 0.01 min
Lab File: BN006688.D
Acq: 02 Jul 2019 11:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 38086

Ion	Ratio	Lower	Upper
252	100		
253	24.5	21.4	32.2
125	14.6	13.3	19.9

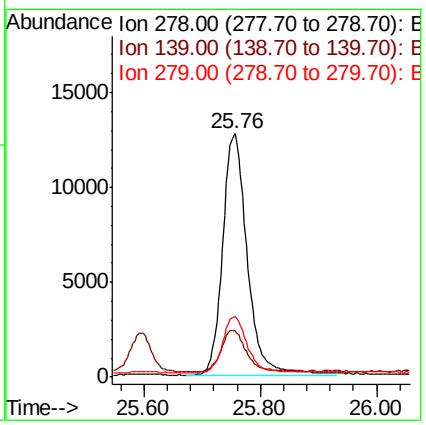


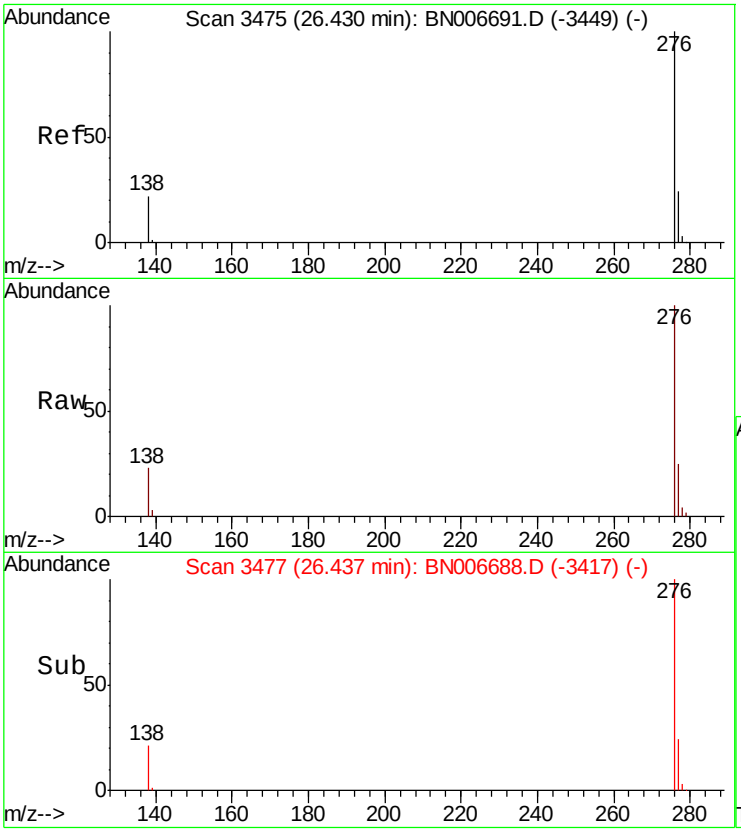


#38
Dibenzo(a,h)anthracene
Concen: 0.486 ng
RT: 25.76 min Scan# 3278
Delta R.T. 0.01 min
Lab File: BN006688.D
Acq: 02 Jul 2019 11:52

Tgt Ion:278 Resp: 37329

Ion	Ratio	Lower	Upper
278	100		
139	19.2	16.2	24.4
279	24.8	20.7	31.1





#39
Benzo(g,h,i)perylene
Concen: 0.487 ng
RT: 26.44 min Scan# 3477
Delta R.T. 0.01 min
Lab File: BN006688.D
Acq: 02 Jul 2019 11:52

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 37358

Ion	Ratio	Lower	Upper
276	100		
277	24.6	20.6	30.8
138	23.3	19.7	29.5