Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN073018\
Data File : BN002192.D
Acq On : 30 Jul 2018 19:00
Operator : JU/SJ
Sample : J3762-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Jul 31 01:25:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 30 16:17:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	3070	0.40	ng		0.00
7) Naphthalene-d8	10.47	136	12302	0.40	ng		0.00
13) Acenaphthene-d10	14.32	164	6383	0.40	ng		0.00
19) Phenanthrene-d10	17.08	188	12981	0.40	ng		0.01
27) Chrysene-d12	21.27	240	11059	0.40	ng		0.00
34) Perylene-d12	23.50	264	10547	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.32	112	2508	0.35	ng		0.00
5) Phenol-d6	6.88	99	2656	0.30	ng		0.00
8) Nitrobenzene-d5	8.86	82	3225	0.35	ng		0.01
11) 2-Methylnaphthalene-d10	12.07	152	6766	0.37	ng		0.00
14) 2,4,6-Tribromophenol	15.84	330	679	0.25	ng		0.01
15) 2-Fluorobiphenyl	12.95	172	9499	0.39	ng		0.01
25) Fluoranthene-d10	19.11	212	12093	0.38	ng		0.00
29) Terphenyl-d14	19.71	244	8223	0.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	424	0.123	ng	#	78
3) n-Nitrosodimethylamine	3.58	42	23	0.123	ng	#	1
6) bis(2-Chloroethyl)ether	7.14	93	785	0.094	ng		99
9) Naphthalene	10.52	128	2609	0.094	ng	#	89
10) Hexachlorobutadiene	10.80	225	584	0.097	ng	#	55
12) 2-Methylnaphthalene	12.14	142	1680	0.090	ng		99
16) Acenaphthylene	14.04	152	2359	0.087	ng		99
17) Acenaphthene	14.39	154	1567	0.089	ng		94
18) Fluorene	15.38	166	1857	0.086	ng	#	79
20) 4-Bromophenyl-phenylether	16.27	248	632	0.086	ng	#	78
21) Hexachlorobenzene	16.39	284	772	0.095	ng		98
22) Pentachlorophenol	16.76	266	85	0.135	ng	#	64
23) Phenanthrene	17.11	178	2869	0.089	ng		97
24) Anthracene	17.22	178	2024	0.076	ng		96
26) Fluoranthene	19.14	202	3022	0.086	ng		98
28) Pyrene	19.50	202	3085	0.094	ng		99
30) Benzo(a)anthracene	21.26	228	2398	0.086	ng		96
31) Chrysene	21.31	228	3046	0.098	ng		98
32) Bis(2-ethylhexyl)phthalate	21.18	149	1100	0.086	ng	#	95
33) Indeno(1,2,3-cd)pyrene	25.74	276	3118	0.106	ng	#	93
35) Benzo(b)fluoranthene	22.84	252	2772	0.089	ng	#	92
36) Benzo(k)fluoranthene	22.88	252	3048	0.095	ng	#	75
37) Benzo(a)pyrene	23.41	252	2602	0.093	ng	#	70
38) Dibenzo(a,h)anthracene	25.75	278	2544	0.093	ng	#	88
39) Benzo(g,h,i)perylene	26.41	276	2703	0.097	ng	#	90

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

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Operator : JU/SJ
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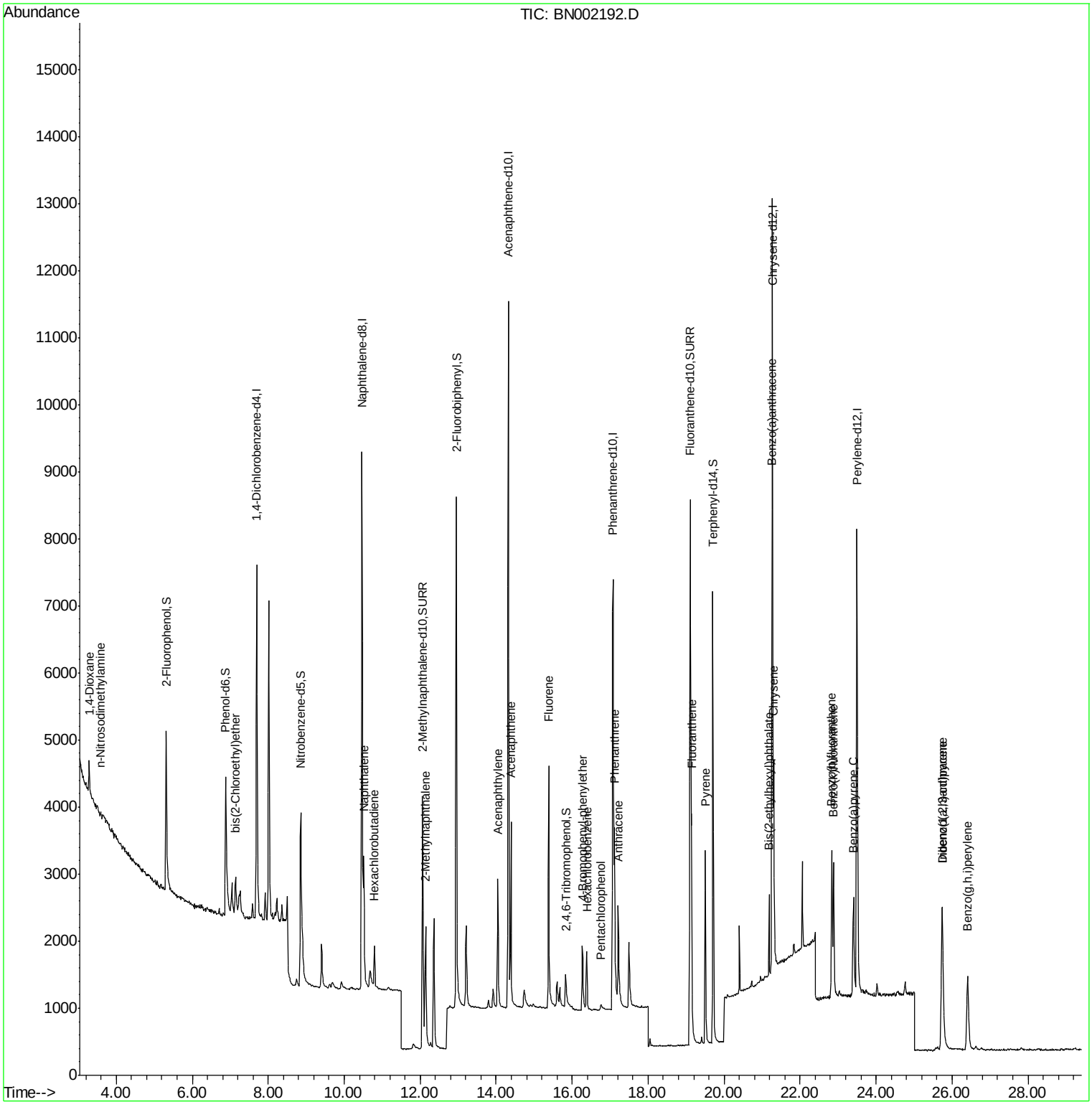
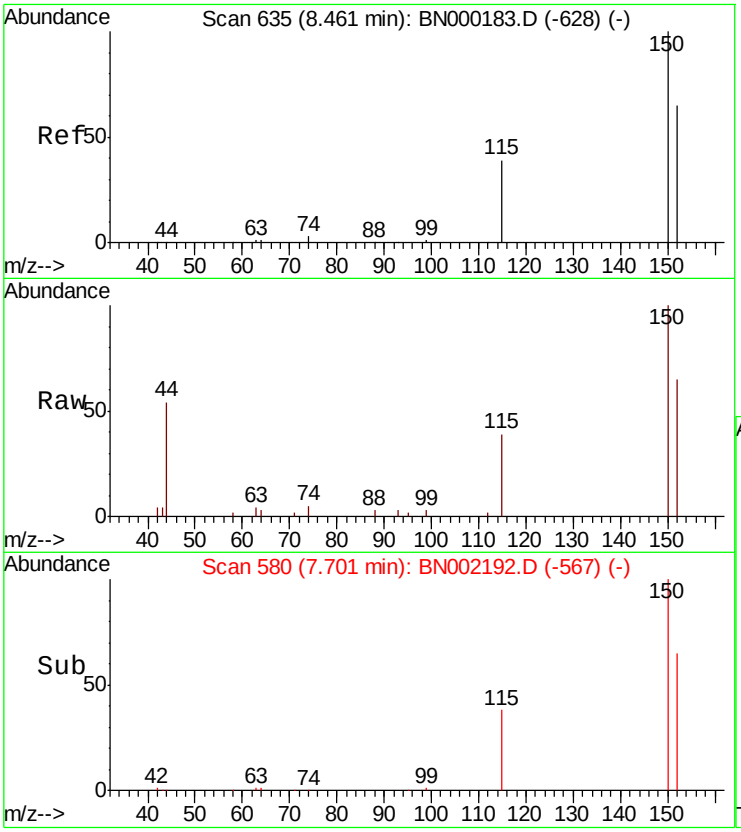
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jul 31 01:25:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 30 16:17:29 2018
Response via : Initial Calibration



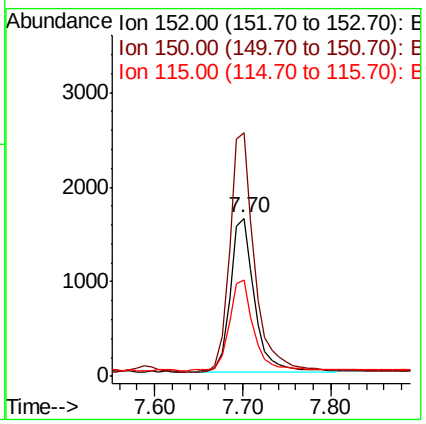


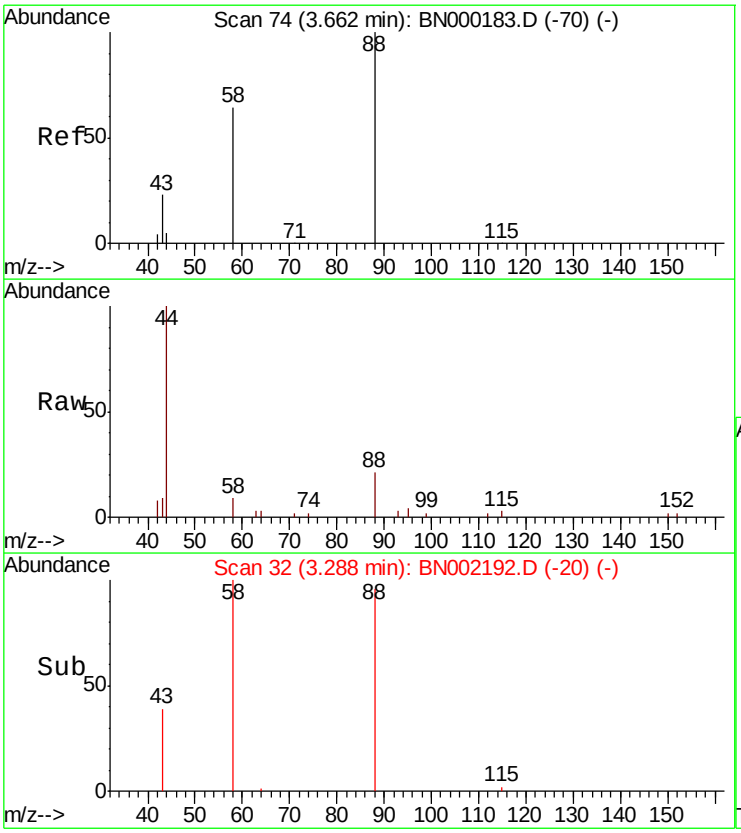
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.70 min Scan# 580
Delta R.T. 0.01 min
Lab File: BN002192.D
Acq: 30 Jul 2018 19:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 3070

Ion	Ratio	Lower	Upper
152	100		
150	154.2	117.2	175.8
115	60.7	57.0	85.6

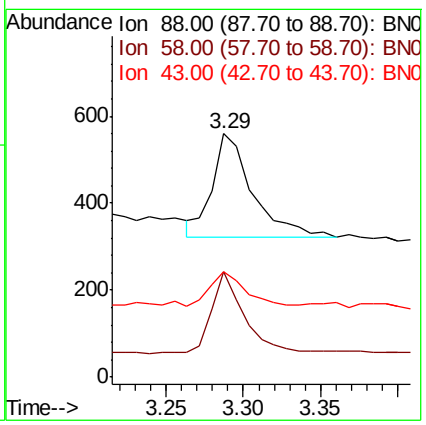


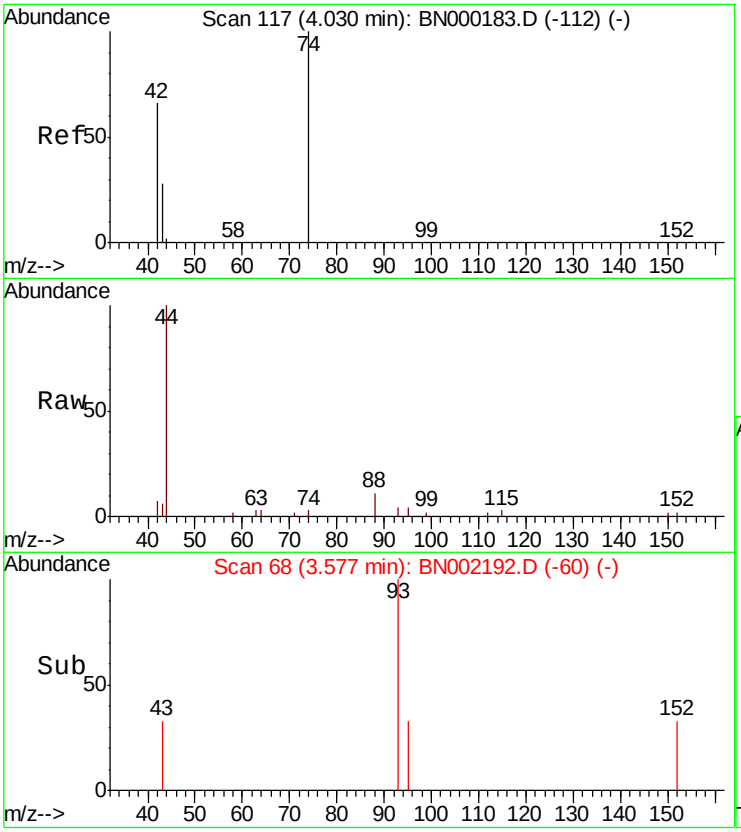


#2
1,4-Dioxane
Concen: 0.123 ng
RT: 3.29 min Scan# 32
Delta R.T. 0.00 min
Lab File: BN002192.D
Acq: 30 Jul 2018 19:00

Tgt Ion: 88 Resp: 424

Ion	Ratio	Lower	Upper
88	100		
58	65.3	72.0	108.0#
43	27.6	28.0	42.0#



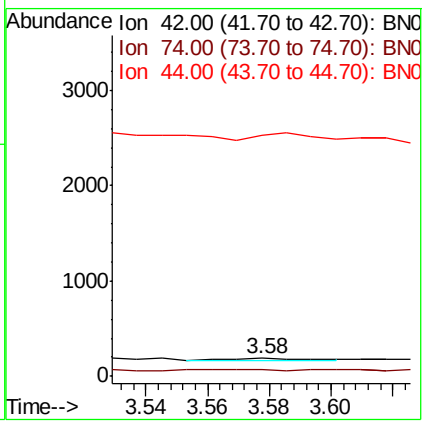


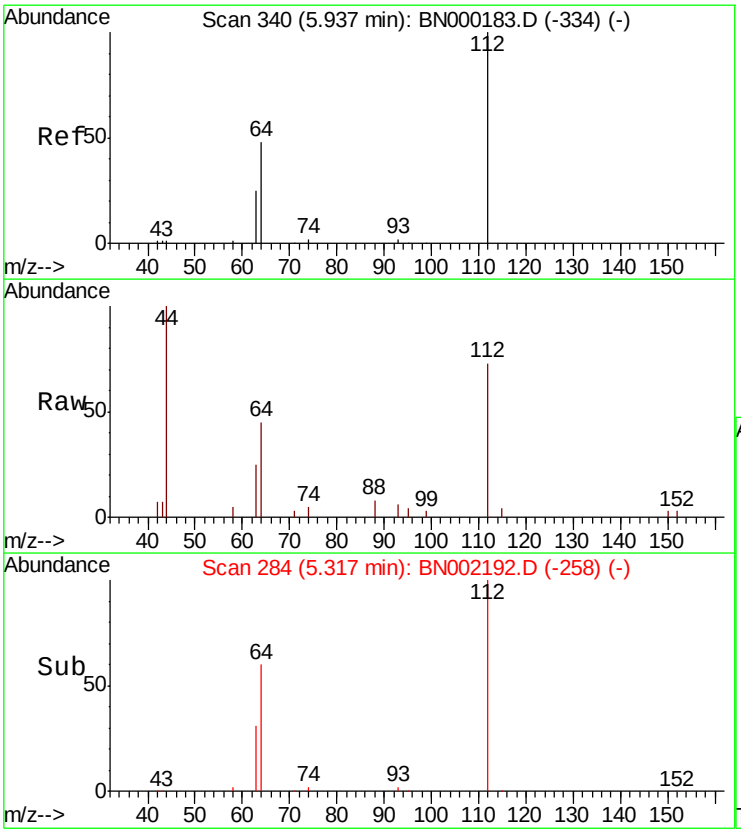
#3
n-Nitrosodimethylamine
Concen: 0.123 ng
RT: 3.58 min Scan# 68
Delta R.T. -0.03 min
Lab File: BN002192.D
Acq: 30 Jul 2018 19:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 23

Ion	Ratio	Lower	Upper
42	100		
74	26.1	88.0	132.0#
44	1034.8	16.0	24.0#

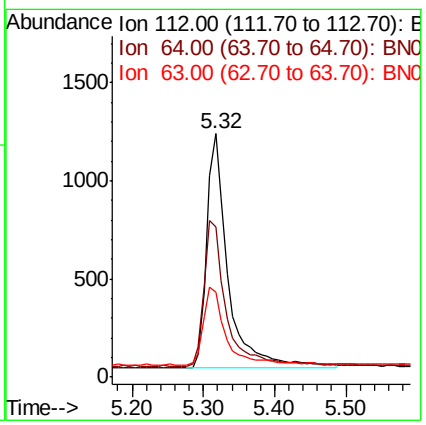


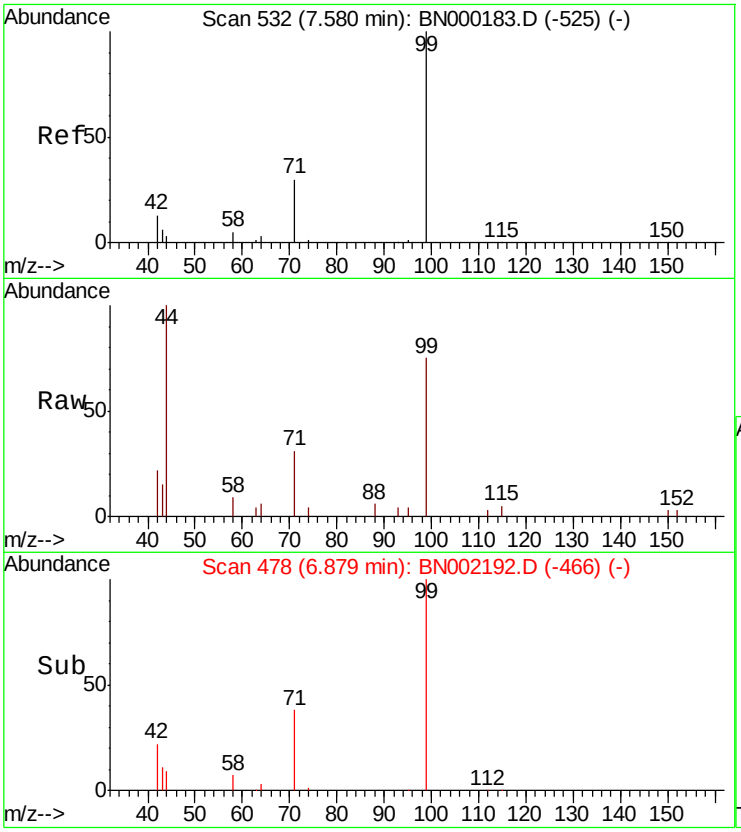


#4
2-Fluorophenol
Concen: 0.350 ng
RT: 5.32 min Scan# 284
Delta R.T. 0.01 min
Lab File: BN002192.D
Acq: 30 Jul 2018 19:00

Tgt Ion:112 Resp: 2508

Ion	Ratio	Lower	Upper
112	100		
64	64.9	60.1	90.1
63	35.4	116.8	175.2#



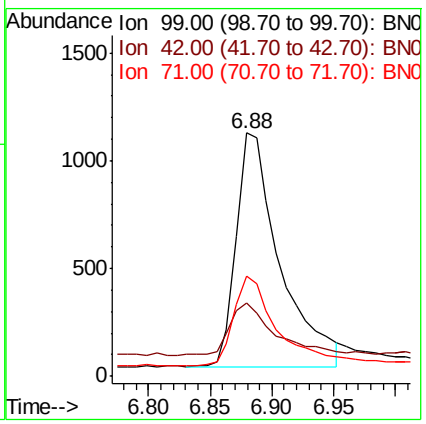


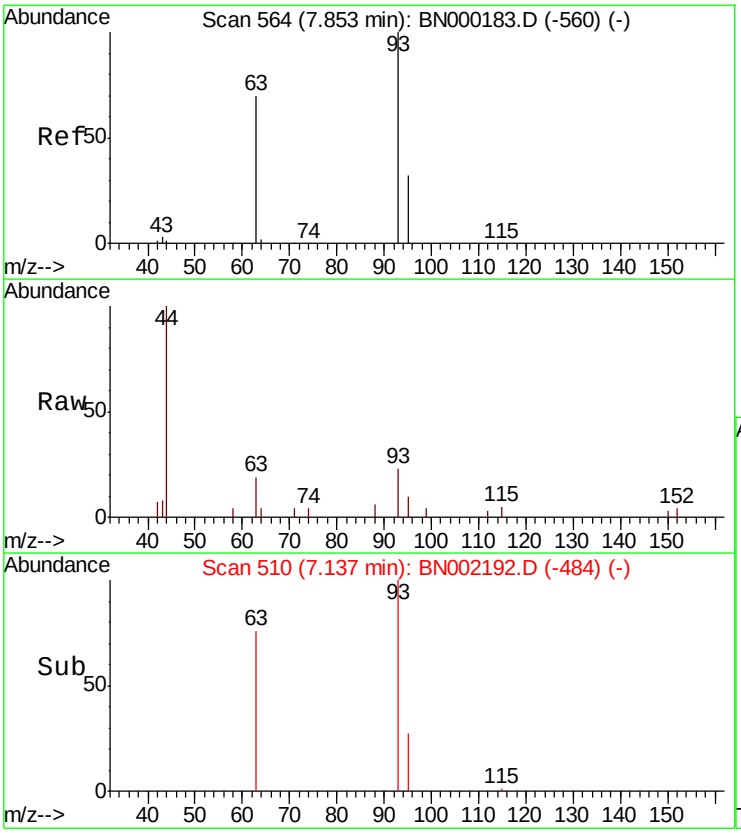
#5
Phenol-d6
Concen: 0.305 ng
RT: 6.88 min Scan# 478
Delta R.T. 0.00 min
Lab File: BN002192.D
Acq: 30 Jul 2018 19:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 2656

Ion	Ratio	Lower	Upper
99	100		
42	23.0	20.2	30.2
71	37.1	28.4	42.6

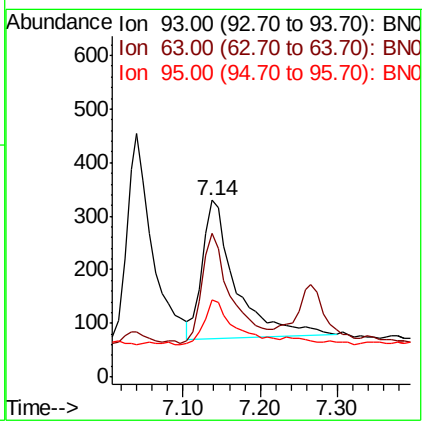


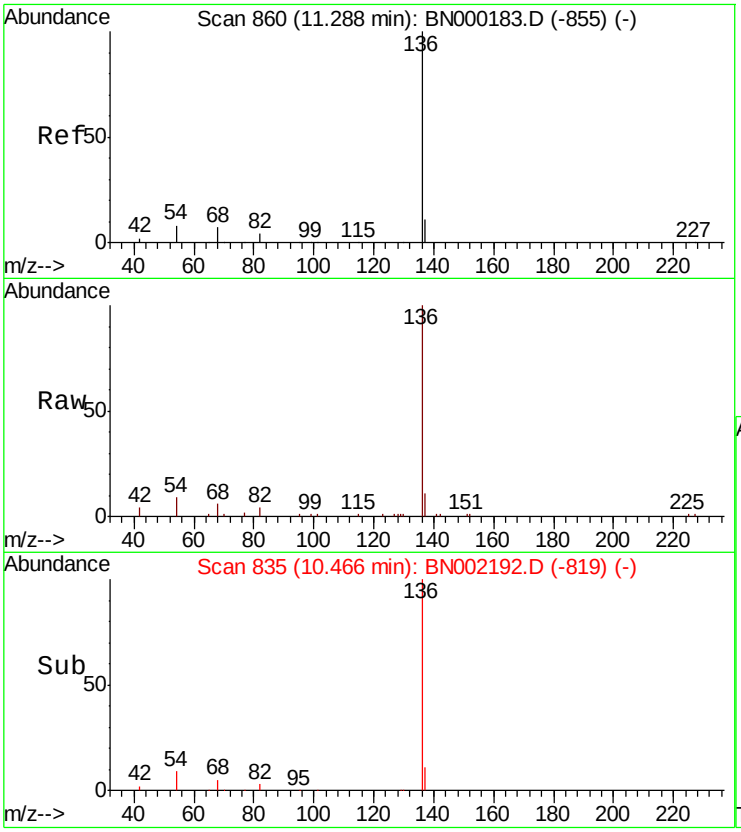


#6
bis(2-Chloroethyl)ether
Concen: 0.094 ng
RT: 7.14 min Scan# 510
Delta R.T. 0.01 min
Lab File: BN002192.D
Acq: 30 Jul 2018 19:00

Tgt Ion: 93 Resp: 785

Ion	Ratio	Lower	Upper
93	100		
63	69.6	56.0	84.0
95	29.8	25.2	37.8



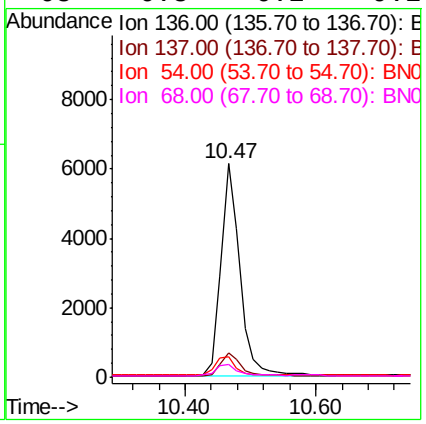


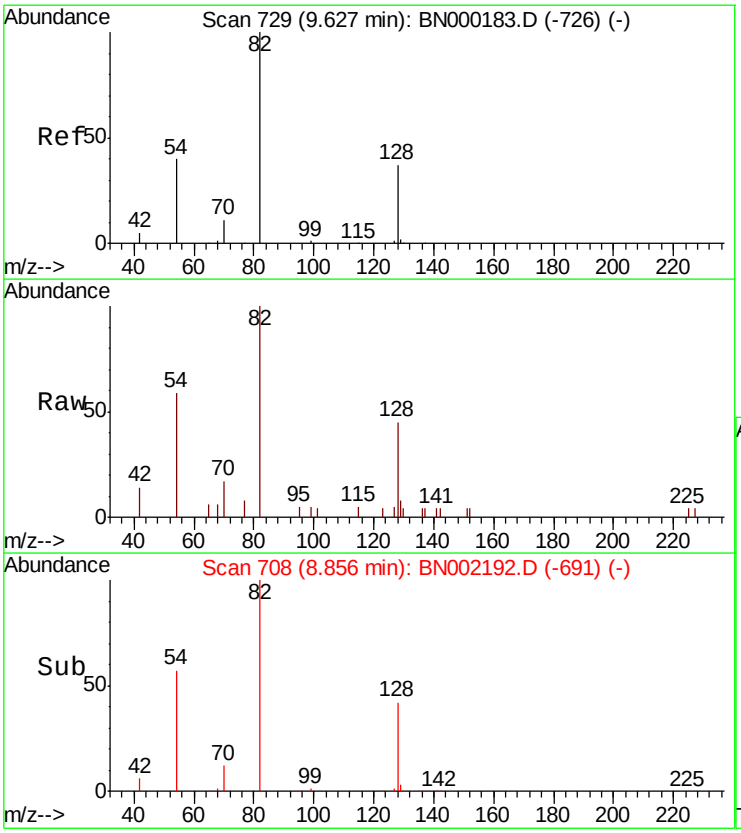
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.47 min Scan# 835
Delta R.T. 0.00 min
Lab File: BN002192.D
Acq: 30 Jul 2018 19:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 12302

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.5	14.3
54	9.4	29.1	43.7#
68	6.3	6.2	9.2

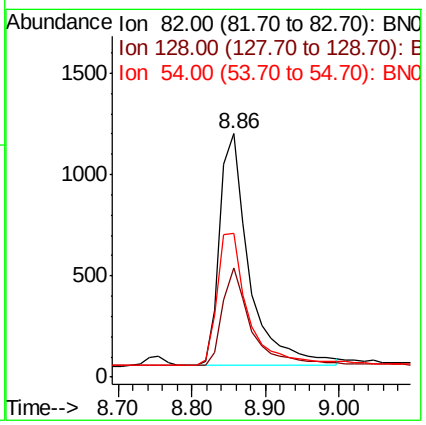


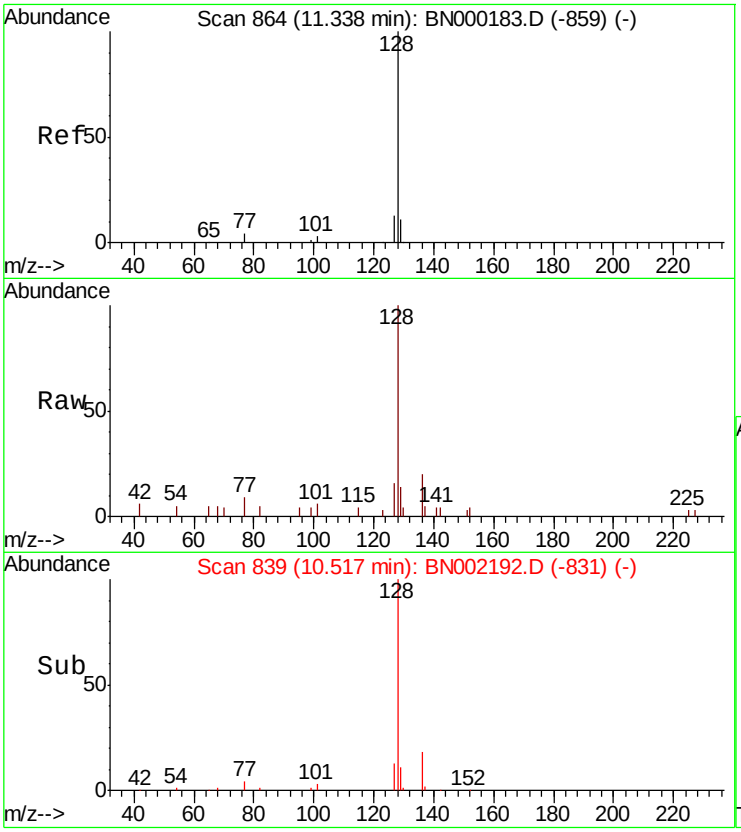


#8
Nitrobenzene-d5
Concen: 0.348 ng
RT: 8.86 min Scan# 708
Delta R.T. 0.01 min
Lab File: BN002192.D
Acq: 30 Jul 2018 19:00

Tgt Ion: 82 Resp: 3225

Ion	Ratio	Lower	Upper
82	100		
128	44.8	150.0	225.0#
54	58.9	154.2	231.4#



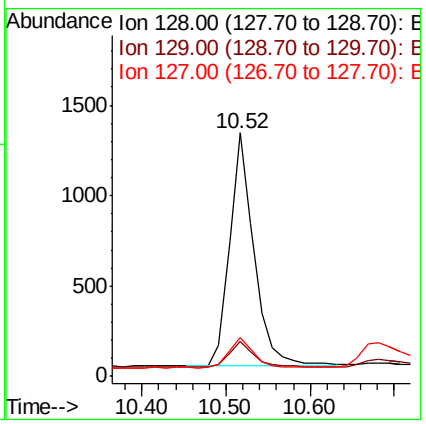


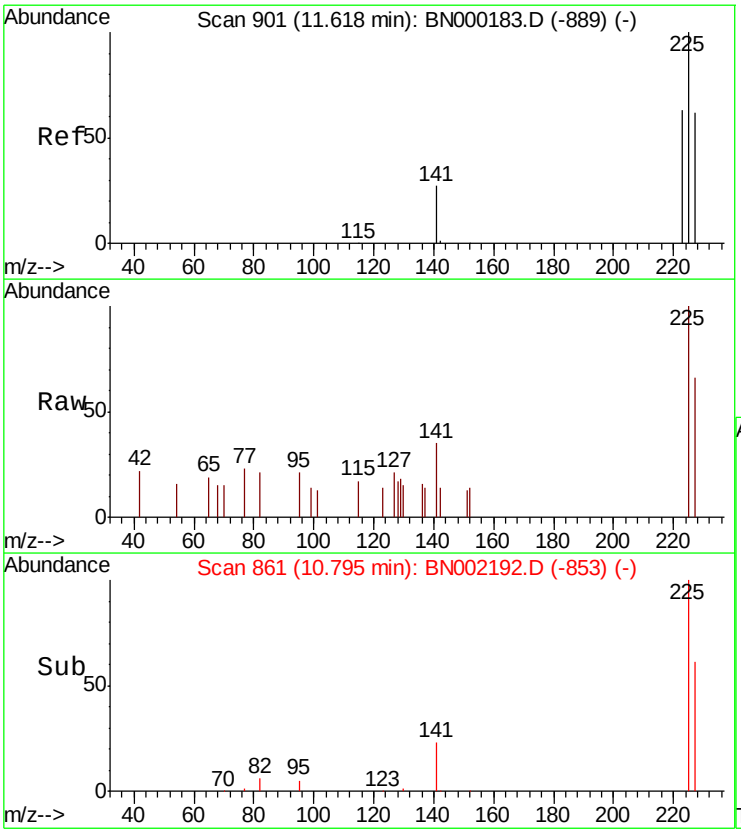
#9
Naphthalene
Concen: 0.094 ng
RT: 10.52 min Scan# 839
Delta R.T. 0.00 min
Lab File: BN002192.D
Acq: 30 Jul 2018 19:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 2609

Ion	Ratio	Lower	Upper
128	100		
129	14.3	8.0	12.0#
127	16.2	9.6	14.4#

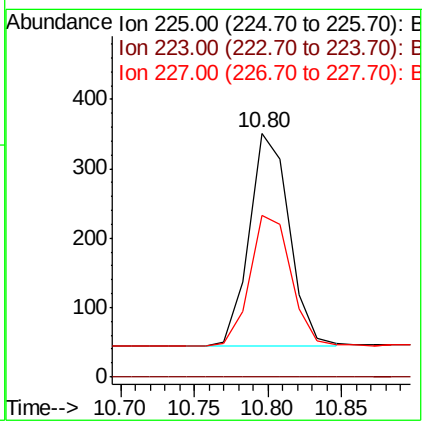


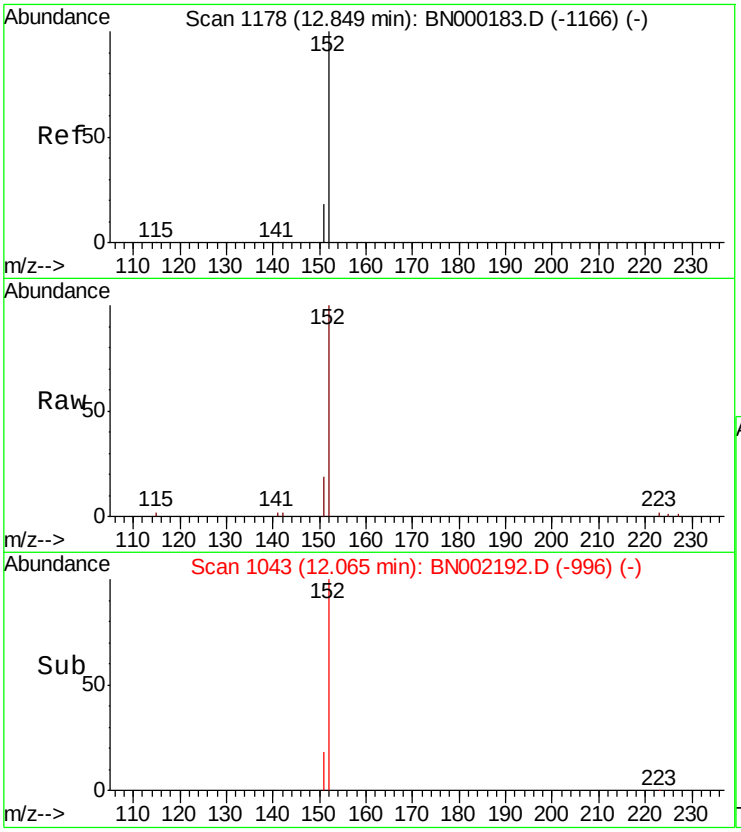


#10
Hexachlorobutadiene
Concen: 0.097 ng
RT: 10.80 min Scan# 861
Delta R.T. 0.00 min
Lab File: BN002192.D
Acq: 30 Jul 2018 19:00

Tgt Ion:225 Resp: 584

Ion	Ratio	Lower	Upper
225	100		
223	0.0	52.0	78.0#
227	63.4	48.0	72.0



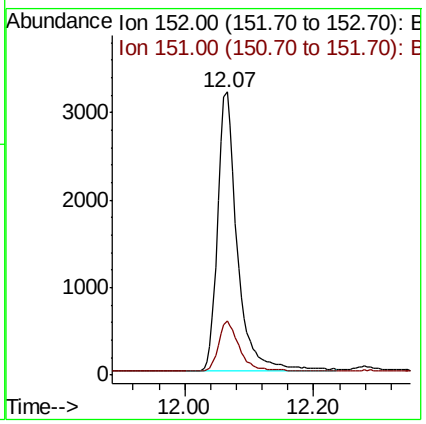


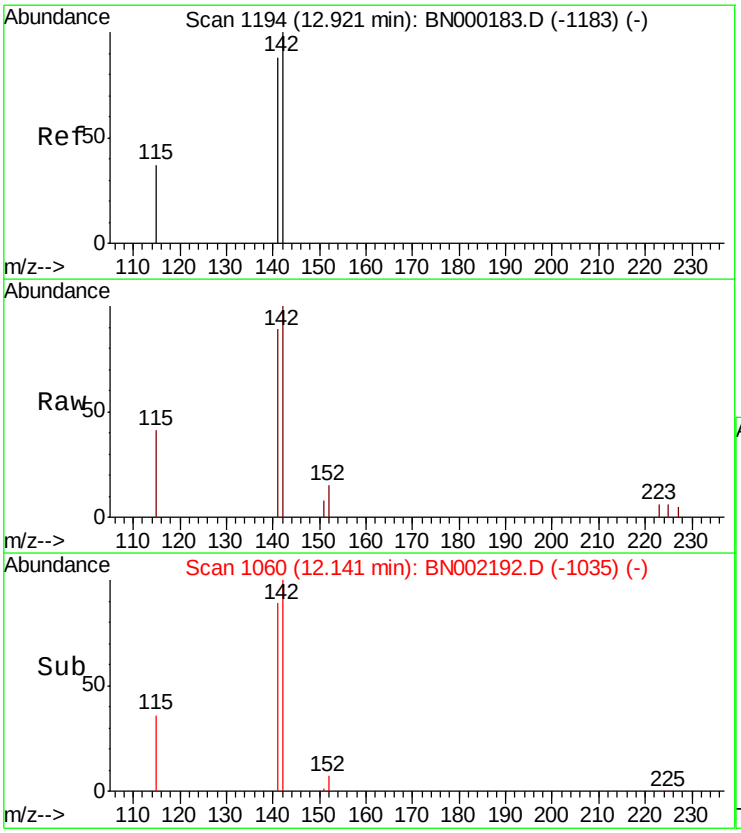
#11
2-Methylnaphthalene-d10
Concen: 0.373 ng
RT: 12.07 min Scan# 1043
Delta R.T. 0.01 min
Lab File: BN002192.D
Acq: 30 Jul 2018 19:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 6766

Ion	Ratio	Lower	Upper
152	100		
151	18.7	15.4	23.0

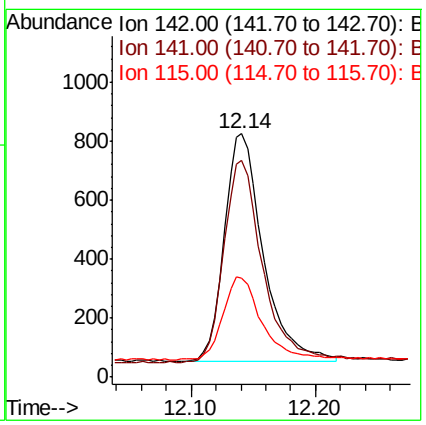


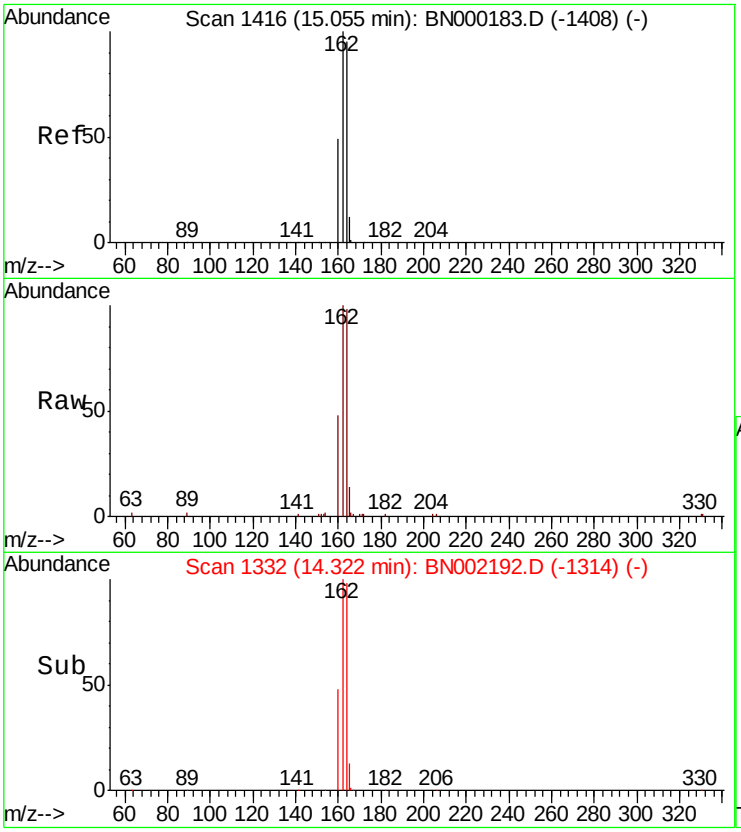


#12
2-Methylnaphthalene
Concen: 0.090 ng
RT: 12.14 min Scan# 1060
Delta R.T. 0.01 min
Lab File: BN002192.D
Acq: 30 Jul 2018 19:00

Tgt Ion:142 Resp: 1680

Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.4	105.6
115	40.7	31.7	47.5



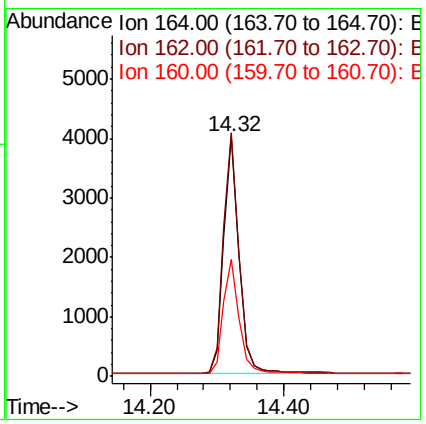


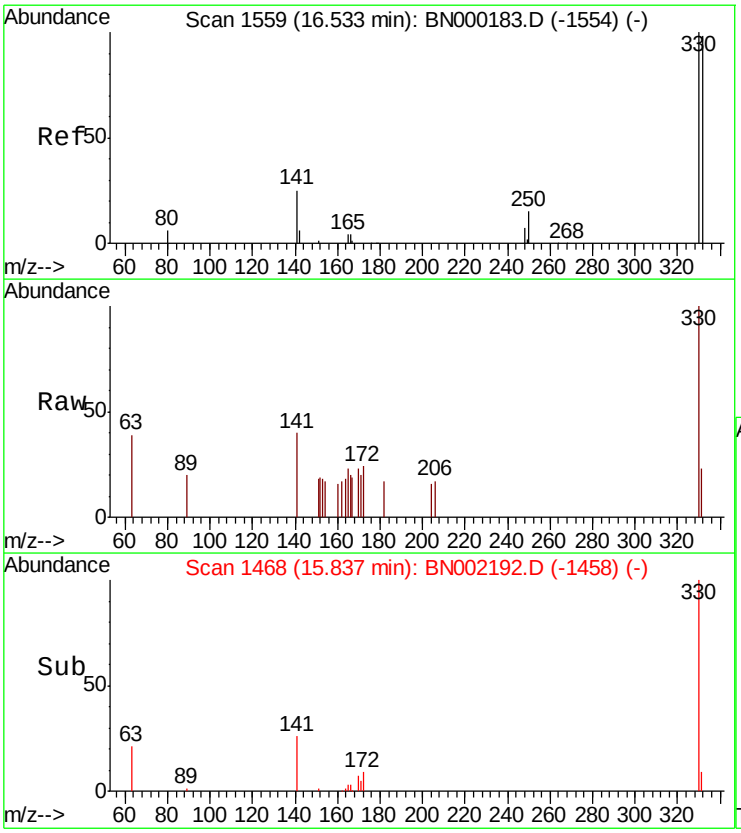
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.32 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BN002192.D
Acq: 30 Jul 2018 19:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 6383

Ion	Ratio	Lower	Upper
164	100		
162	101.8	83.1	124.7
160	49.1	37.1	55.7

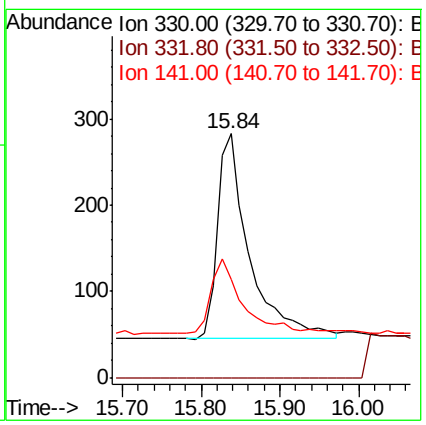


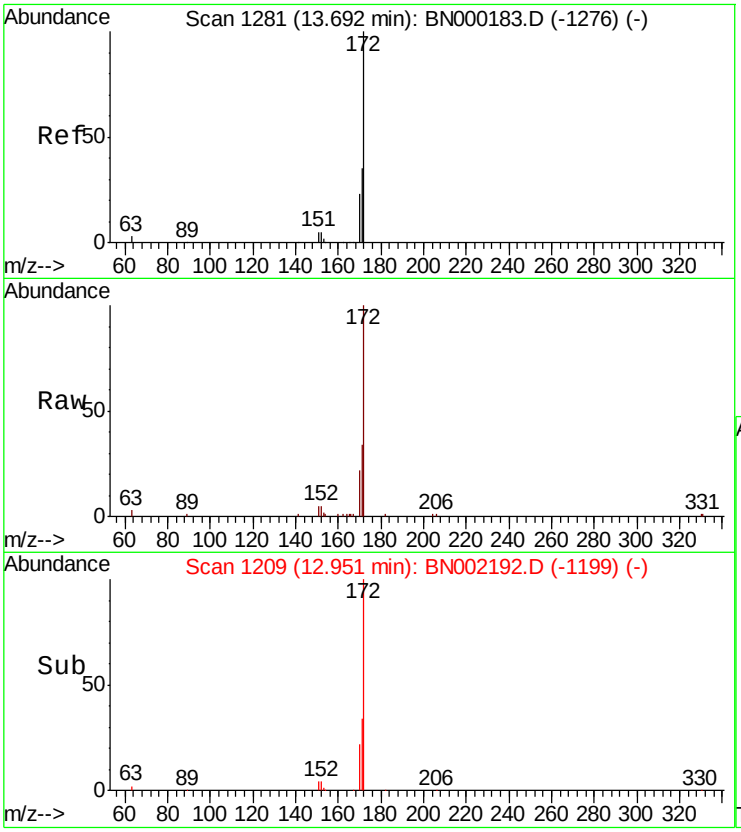


#14
2,4,6-Tribromophenol
Concen: 0.249 ng
RT: 15.84 min Scan# 1468
Delta R.T. 0.01 min
Lab File: BN002192.D
Acq: 30 Jul 2018 19:00

Tgt Ion:330 Resp: 679

Ion	Ratio	Lower	Upper
330	100		
332	0.0	152.7	229.1#
141	36.8	33.7	50.5



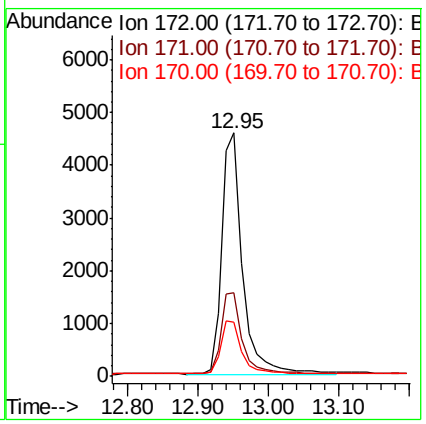


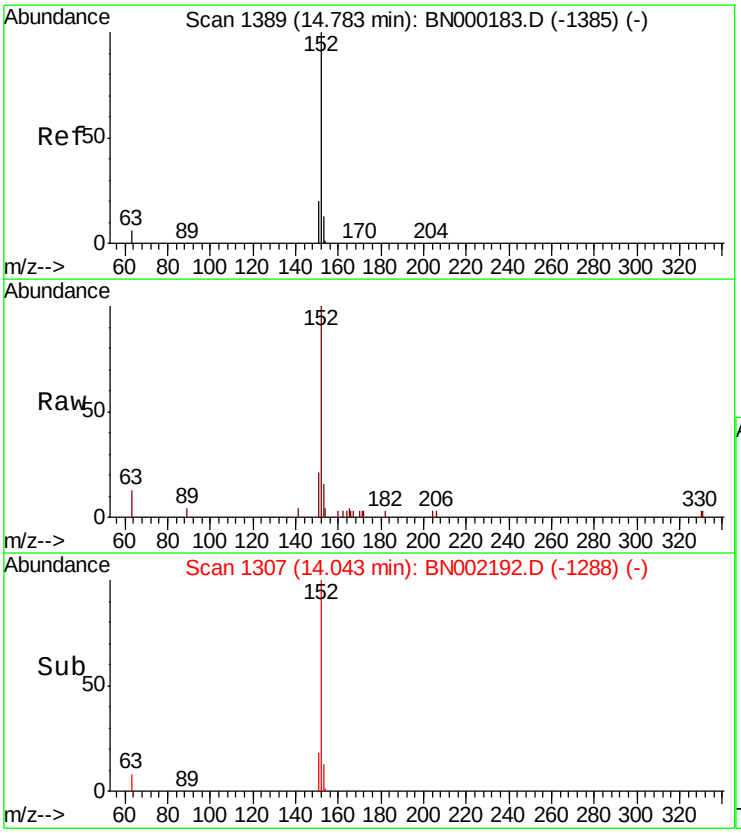
#15
2-Fluorobiphenyl
Concen: 0.388 ng
RT: 12.95 min Scan# 1209
Delta R.T. 0.01 min
Lab File: BN002192.D
Acq: 30 Jul 2018 19:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 9499

Ion	Ratio	Lower	Upper
172	100		
171	34.5	29.9	44.9
170	22.3	21.8	32.8

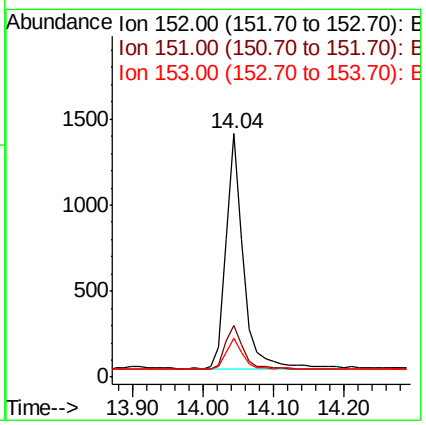


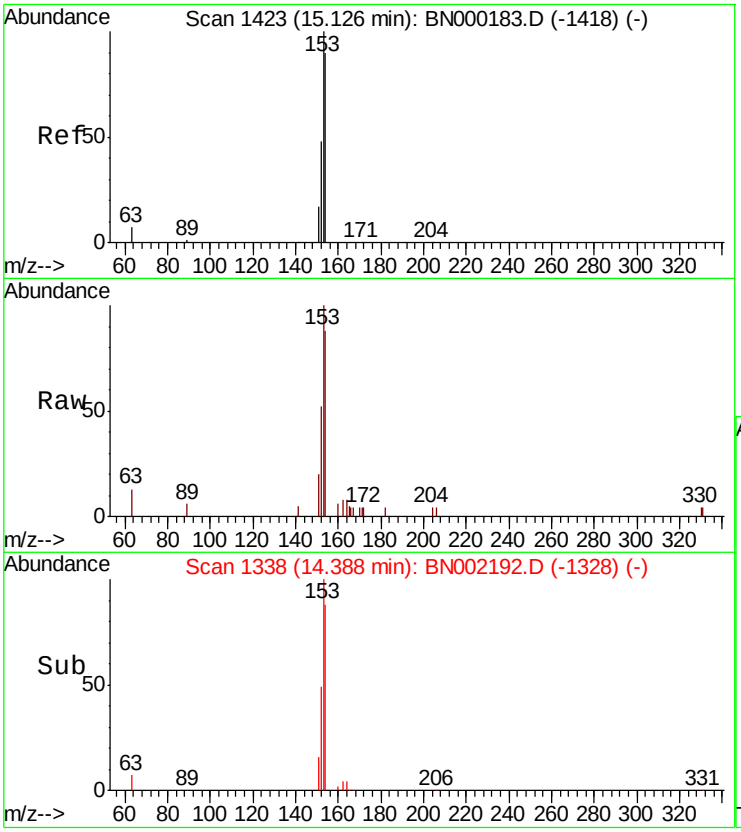


#16
Acenaphthylene
Concen: 0.087 ng
RT: 14.04 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BN002192.D
Acq: 30 Jul 2018 19:00

Tgt Ion:152 Resp: 2359

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.7	23.5
153	12.8	10.5	15.7



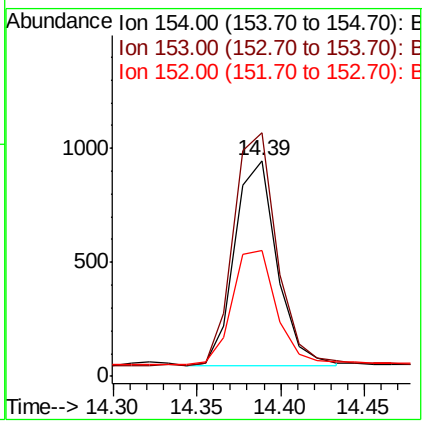


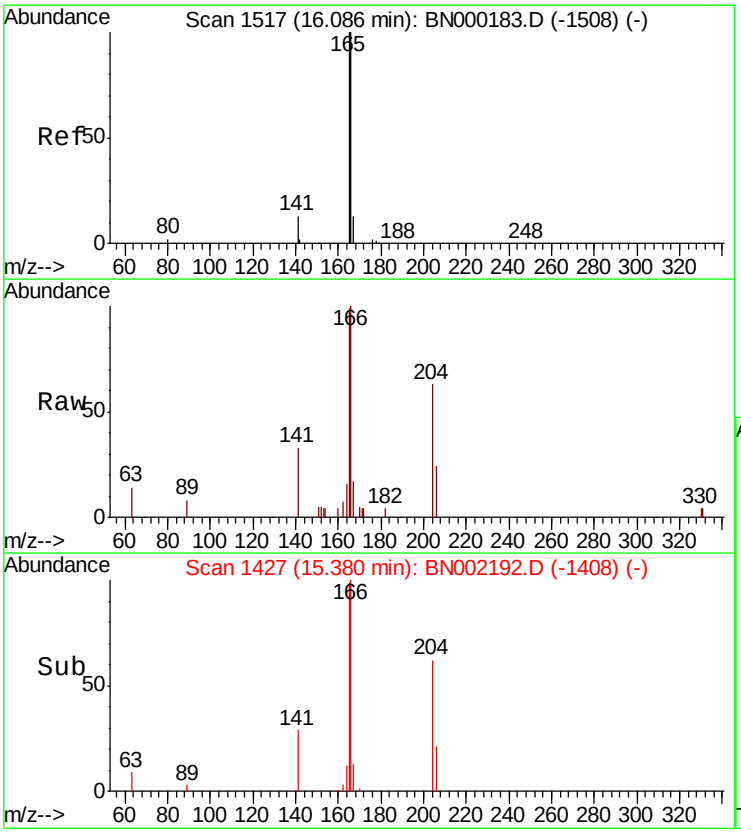
#17
Acenaphthene
Concen: 0.089 ng
RT: 14.39 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BN002192.D
Acq: 30 Jul 2018 19:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 1567

Ion	Ratio	Lower	Upper
154	100		
153	117.4	89.2	133.8
152	58.6	42.0	63.0

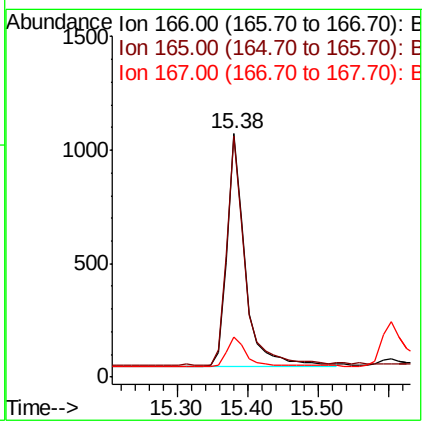


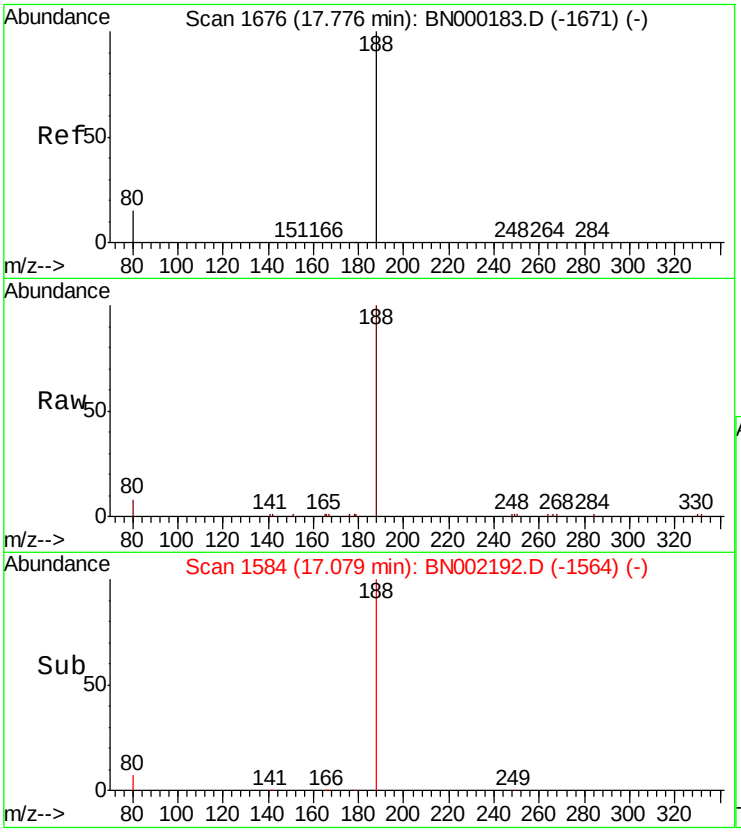


#18
Fluorene
Concen: 0.086 ng
RT: 15.38 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BN002192.D
Acq: 30 Jul 2018 19:00

Tgt Ion:166 Resp: 1857

Ion	Ratio	Lower	Upper
166	100		
165	99.4	77.8	116.6
167	13.9	42.4	63.6#



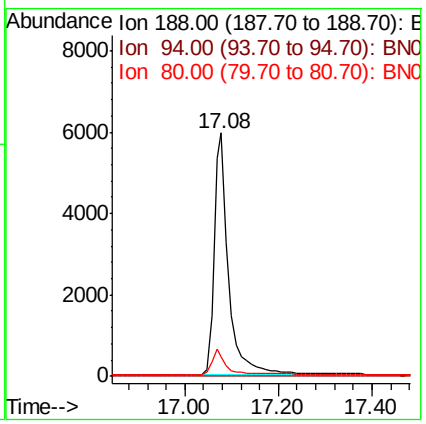


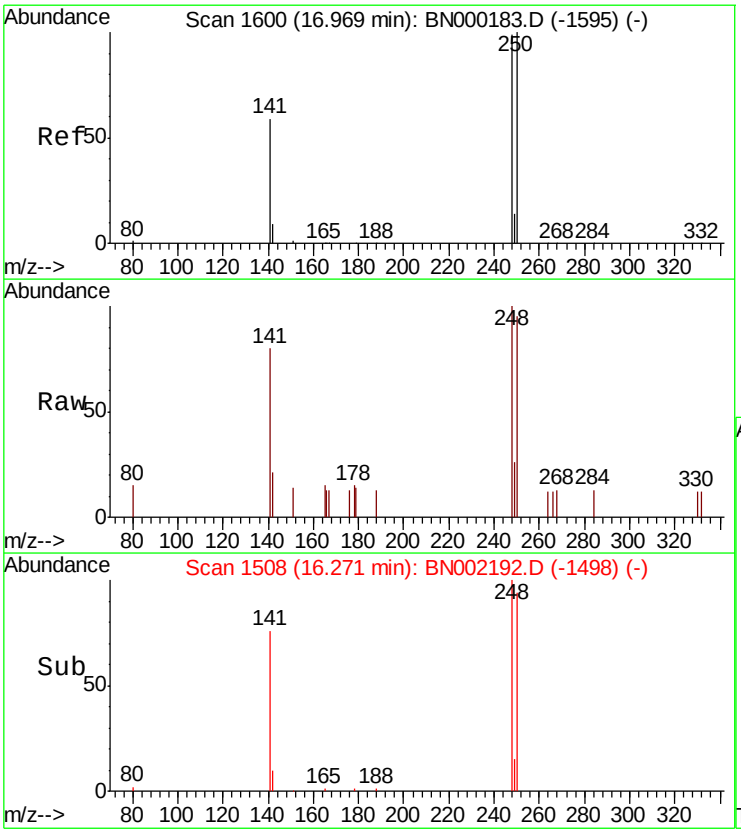
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.08 min Scan# 1584
Delta R.T. 0.01 min
Lab File: BN002192.D
Acq: 30 Jul 2018 19:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 12981

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	8.2	3.6	5.4#

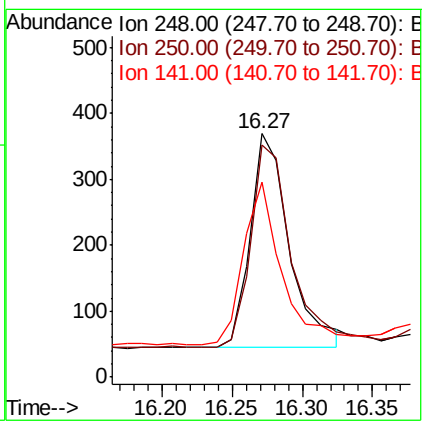


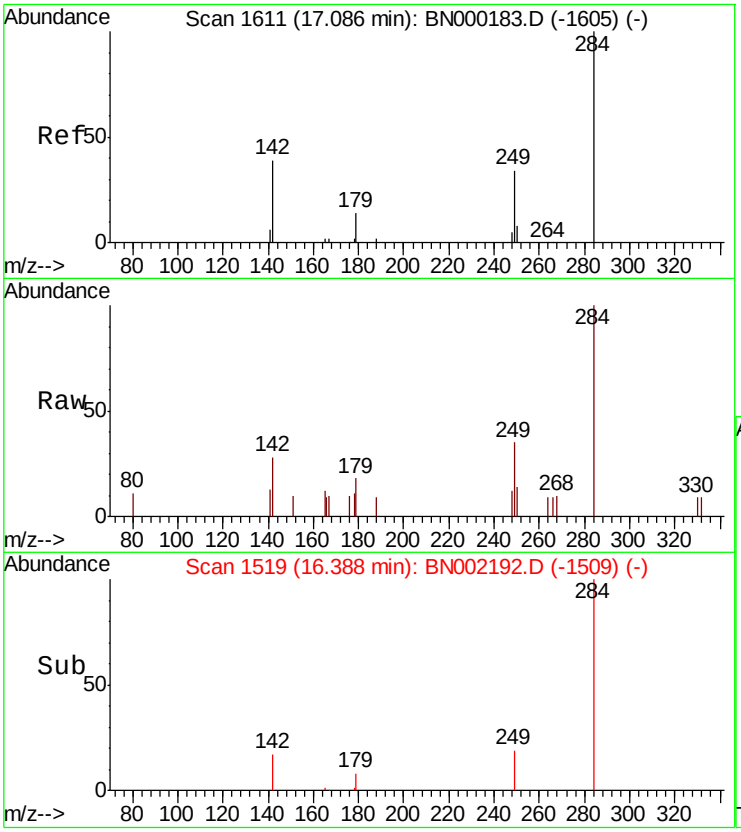


#20
4-Bromophenyl-phenylether
Concen: 0.086 ng
RT: 16.27 min Scan# 1508
Delta R.T. 0.01 min
Lab File: BN002192.D
Acq: 30 Jul 2018 19:00

Tgt Ion:248 Resp: 632

Ion	Ratio	Lower	Upper
248	100		
250	95.4	62.7	94.1#
141	80.2	48.2	72.2#



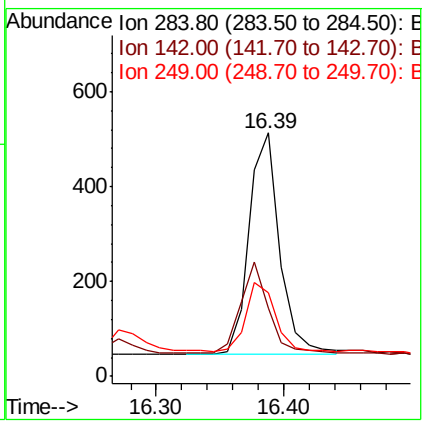


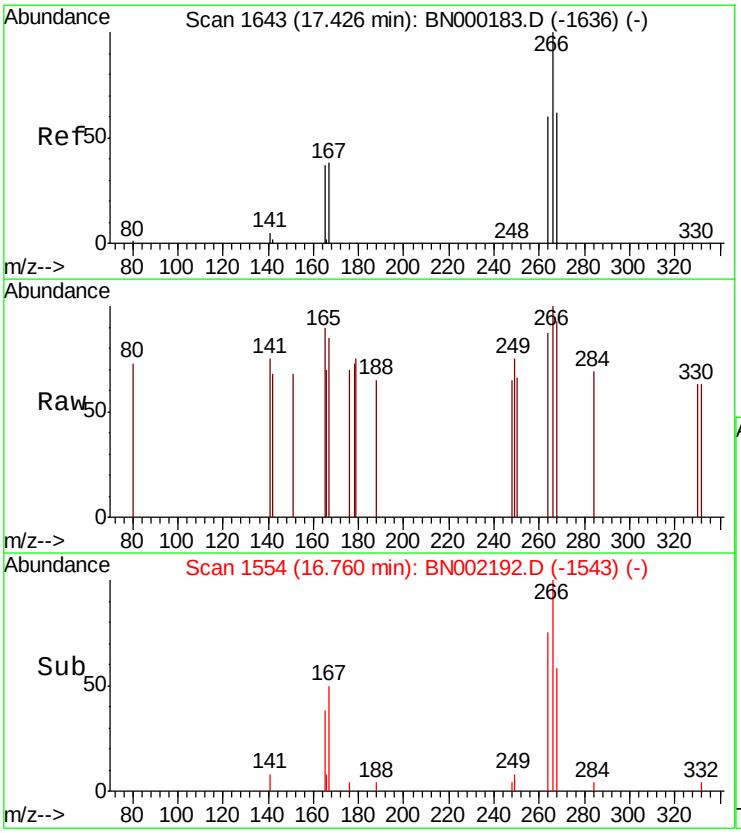
#21
Hexachlorobenzene
Concen: 0.095 ng
RT: 16.39 min Scan# 1519
Delta R.T. 0.01 min
Lab File: BN002192.D
Acq: 30 Jul 2018 19:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 772

Ion	Ratio	Lower	Upper
284	100		
142	37.7	32.0	48.0
249	30.4	24.0	36.0

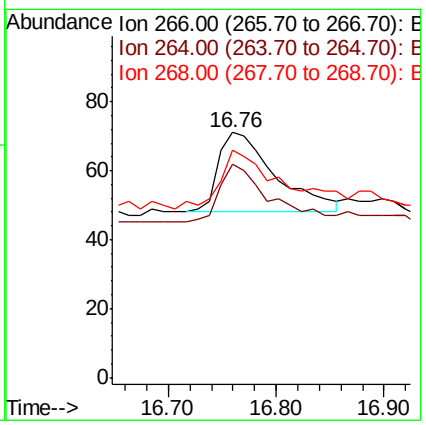


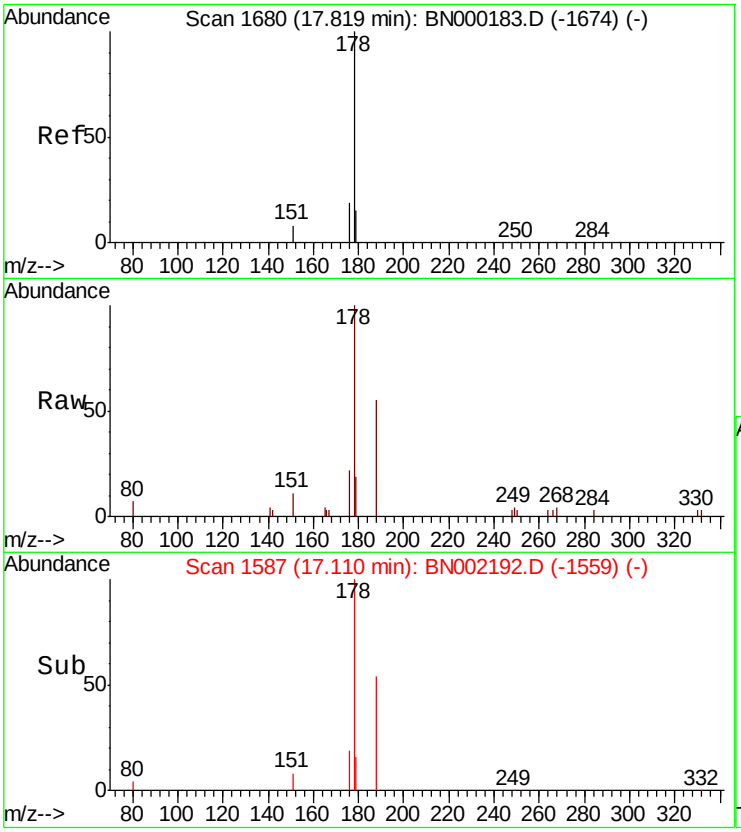


#22
Pentachlorophenol
Concen: 0.135 ng
RT: 16.76 min Scan# 1554
Delta R.T. 0.02 min
Lab File: BN002192.D
Acq: 30 Jul 2018 19:00

Tgt Ion:266 Resp: 85

Ion	Ratio	Lower	Upper
266	100		
264	87.3	48.0	72.0#
268	93.0	52.0	78.0#



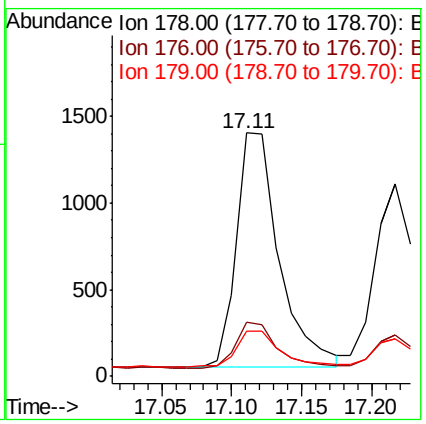


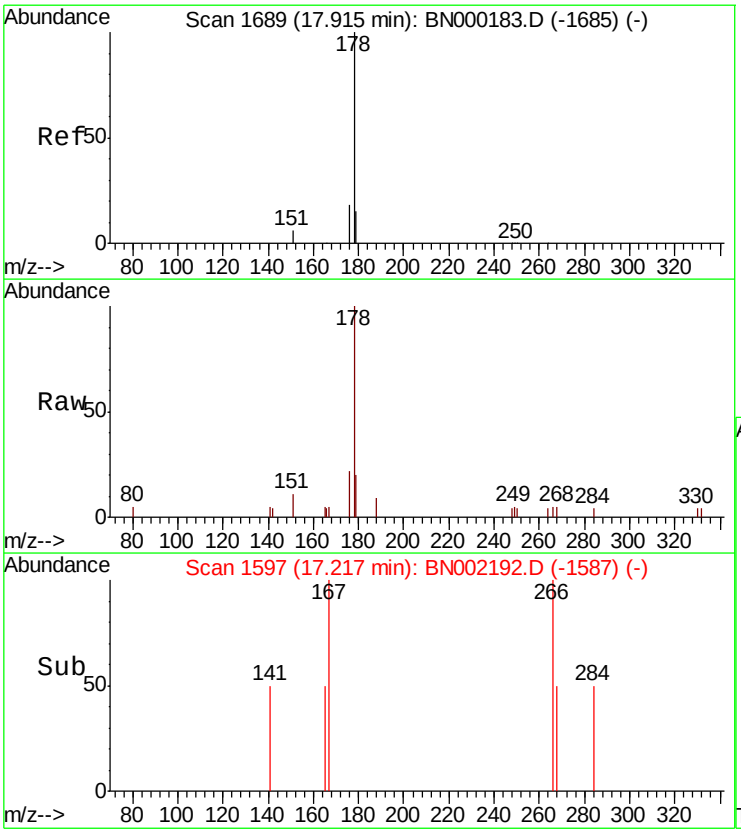
#23
Phenanthrene
Concen: 0.089 ng
RT: 17.11 min Scan# 1587
Delta R.T. 0.00 min
Lab File: BN002192.D
Acq: 30 Jul 2018 19:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 2869

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.1	22.7
179	17.0	11.8	17.6

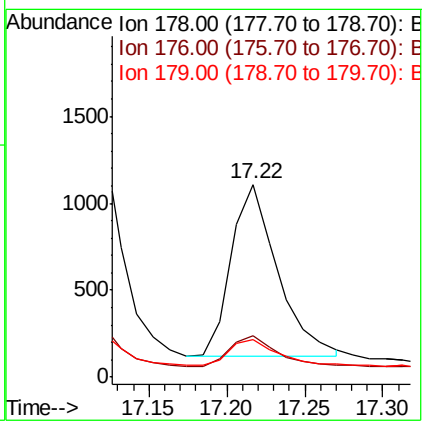


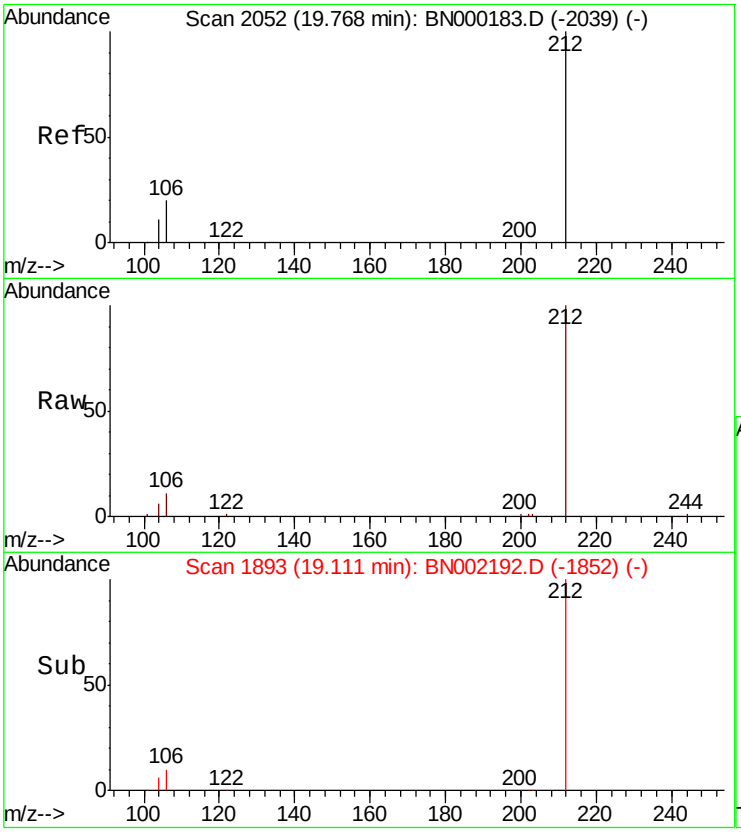


#24
Anthracene
Concen: 0.076 ng
RT: 17.22 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BN002192.D
Acq: 30 Jul 2018 19:00

Tgt Ion:178 Resp: 2024

Ion	Ratio	Lower	Upper
178	100		
176	17.8	12.8	19.2
179	14.9	13.0	19.6



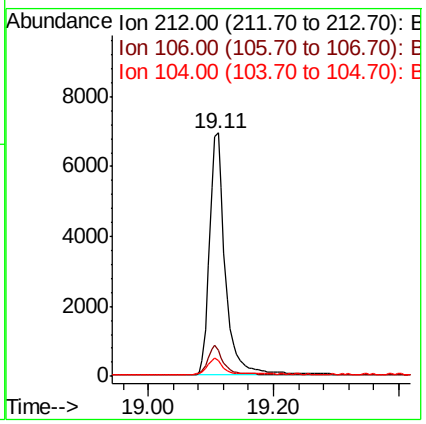


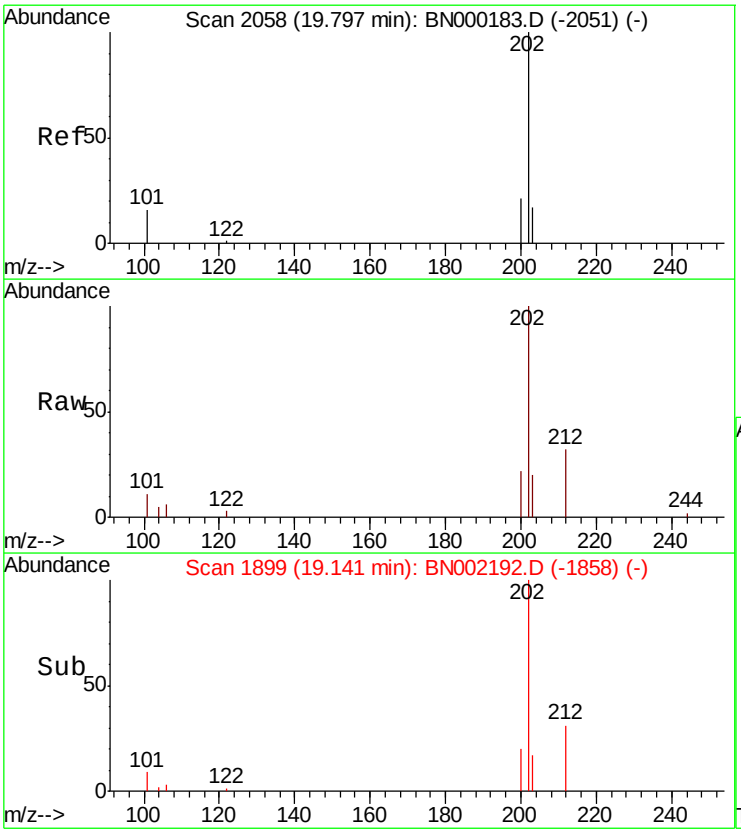
#25
Fluoranthene-d10
Concen: 0.377 ng
RT: 19.11 min Scan# 1893
Delta R.T. 0.01 min
Lab File: BN002192.D
Acq: 30 Jul 2018 19:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 12093

Ion	Ratio	Lower	Upper
212	100		
106	11.4	2.8	4.2#
104	6.3	1.6	2.4#

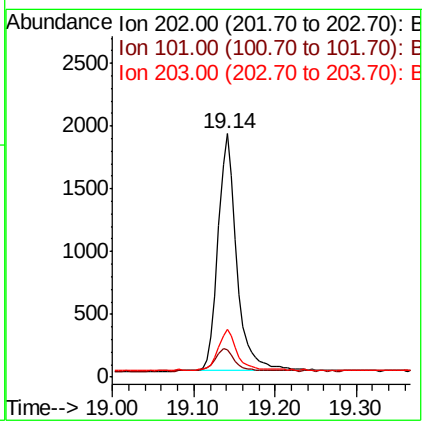


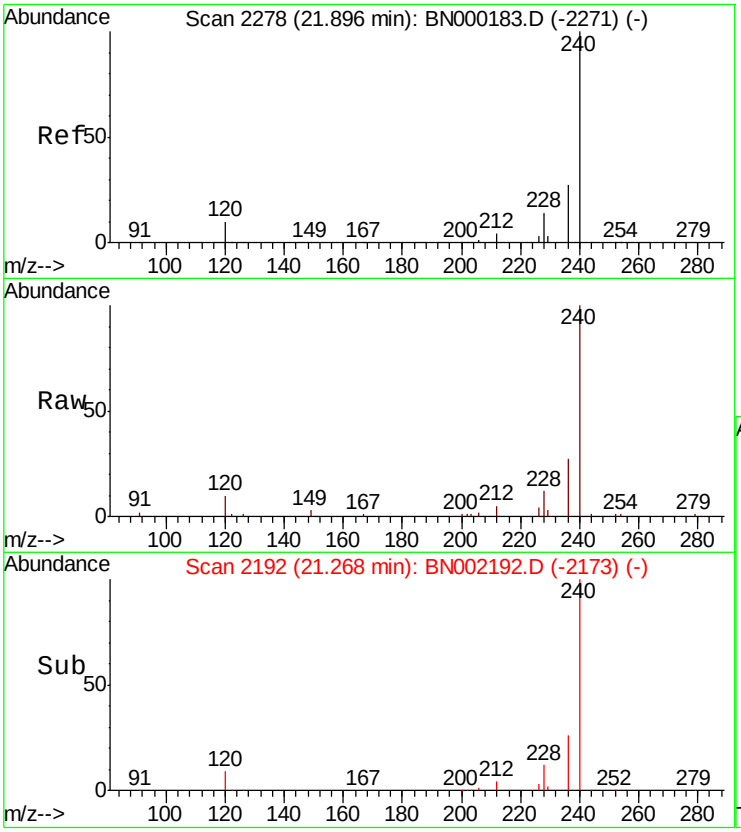


#26
Fluoranthene
Concen: 0.086 ng
RT: 19.14 min Scan# 1899
Delta R.T. 0.00 min
Lab File: BN002192.D
Acq: 30 Jul 2018 19:00

Tgt Ion:202 Resp: 3022

Ion	Ratio	Lower	Upper
202	100		
101	10.1	9.8	14.8
203	17.2	13.7	20.5



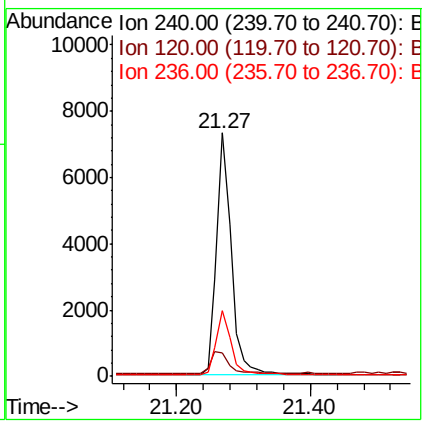


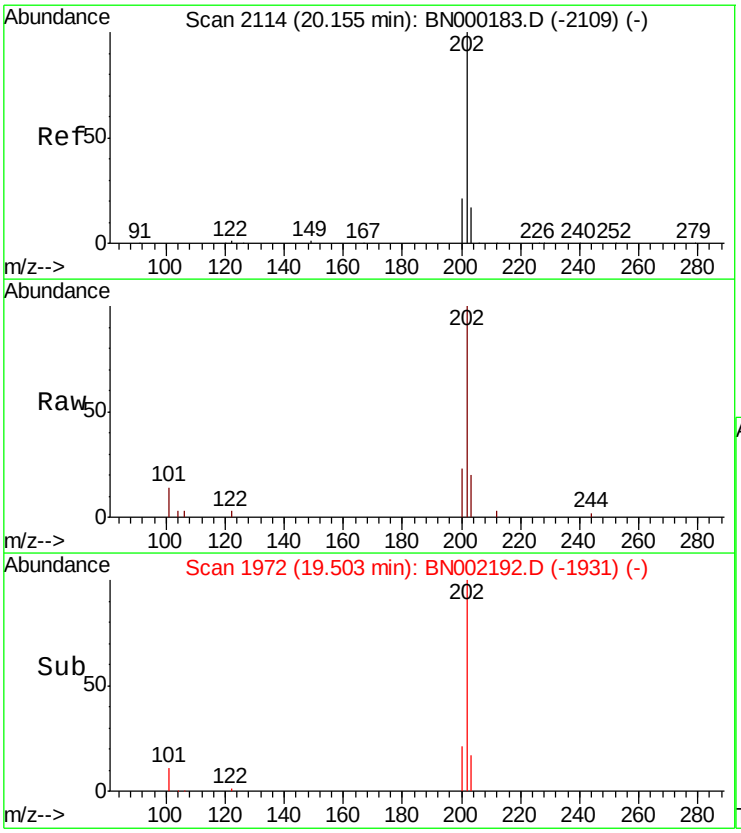
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BN002192.D
Acq: 30 Jul 2018 19:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 11059

Ion	Ratio	Lower	Upper
240	100		
120	9.8	5.5	8.3#
236	26.7	20.7	31.1

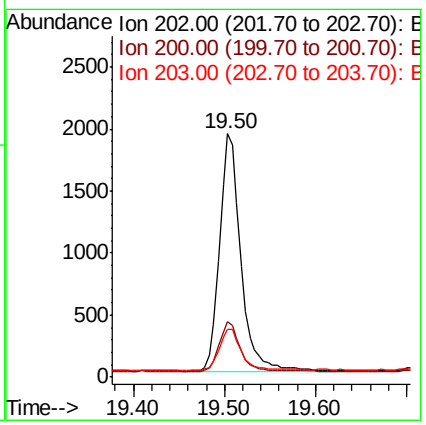


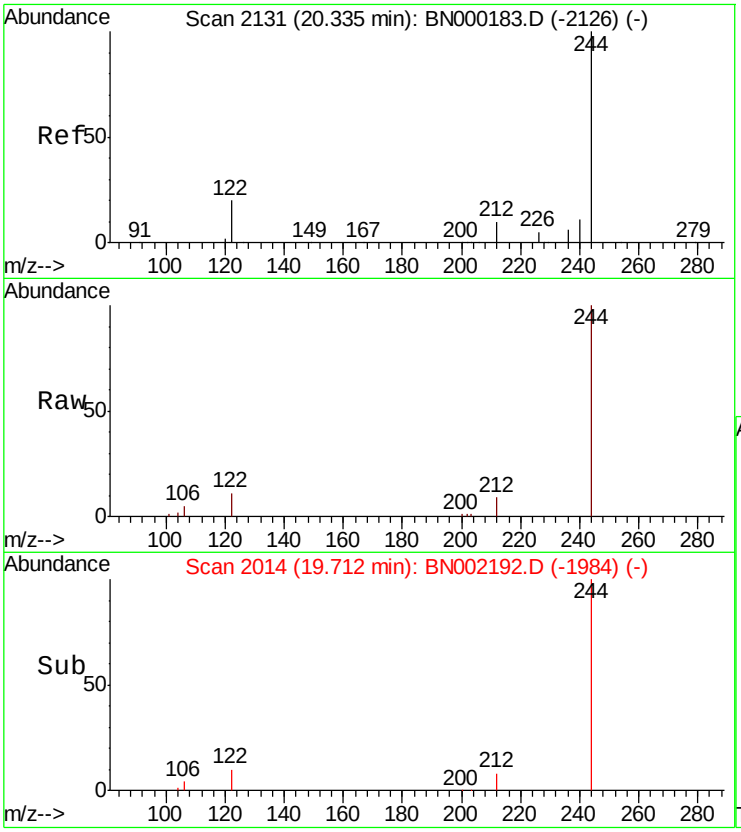


#28
Pyrene
Concen: 0.094 ng
RT: 19.50 min Scan# 1972
Delta R.T. 0.00 min
Lab File: BN002192.D
Acq: 30 Jul 2018 19:00

Tgt Ion:202 Resp: 3085

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.6	25.0
203	17.5	13.8	20.8



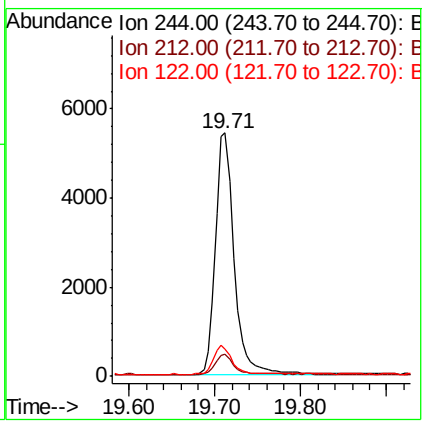


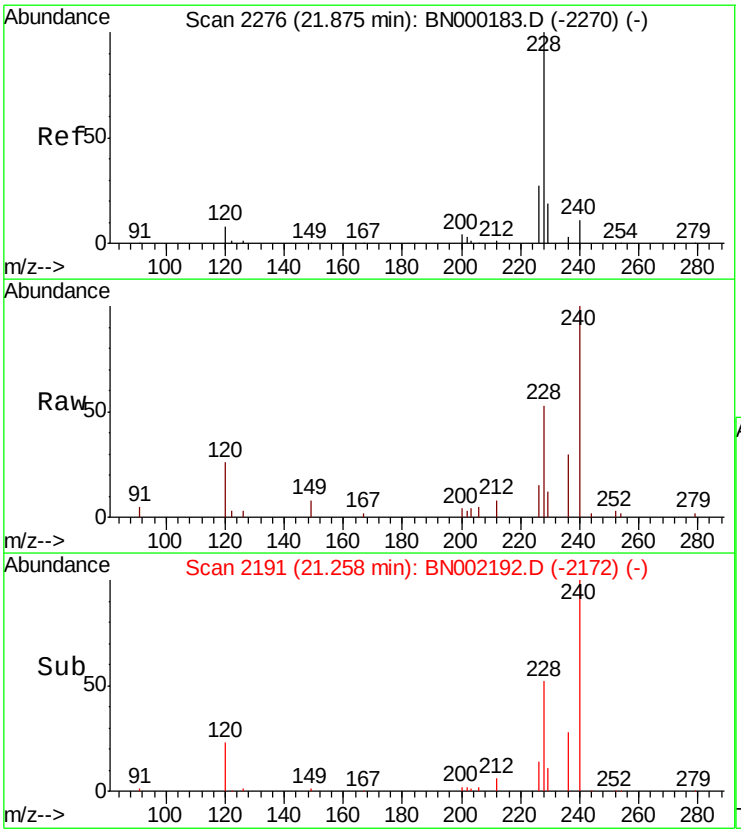
#29
Terphenyl-d14
Concen: 0.348 ng
RT: 19.71 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BN002192.D
Acq: 30 Jul 2018 19:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 8223

Ion	Ratio	Lower	Upper
244	100		
212	8.9	25.4	38.0#
122	11.2	8.1	12.1

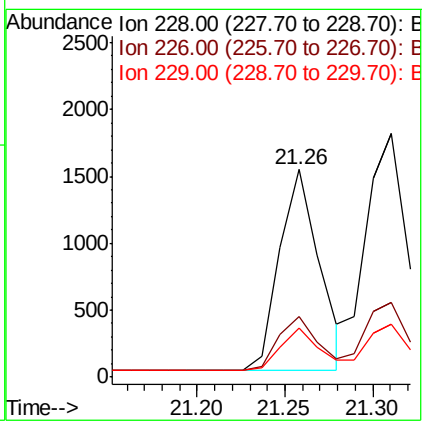


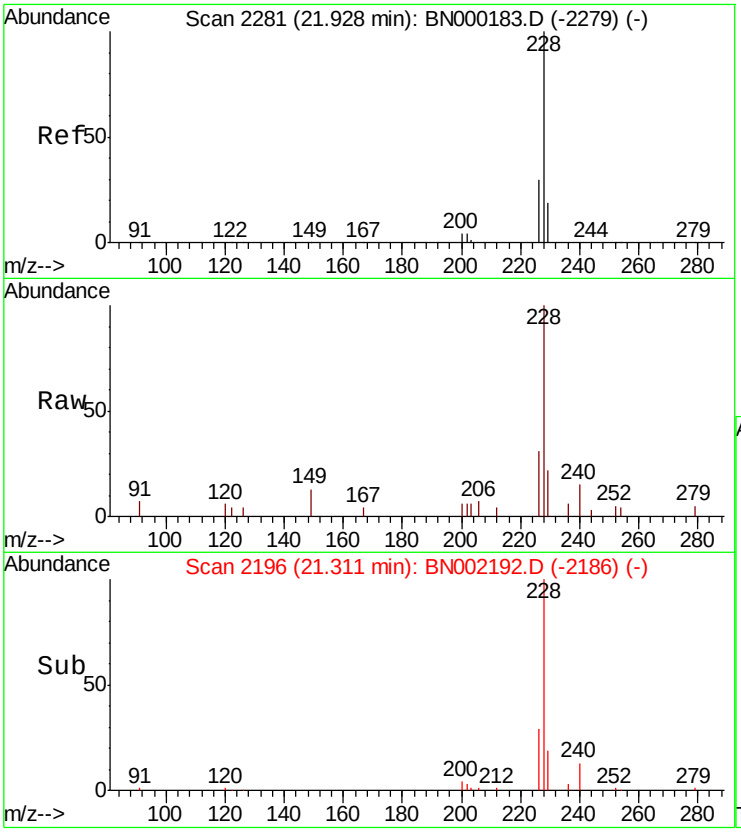


#30
Benzo(a)anthracene
Concen: 0.086 ng
RT: 21.26 min Scan# 2191
Delta R.T. 0.00 min
Lab File: BN002192.D
Acq: 30 Jul 2018 19:00

Tgt Ion:228 Resp: 2398

Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.0	36.0
229	23.4	16.0	24.0



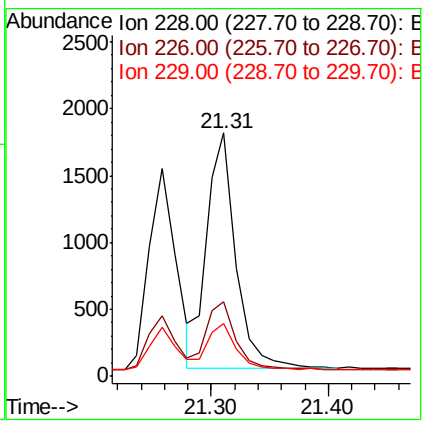


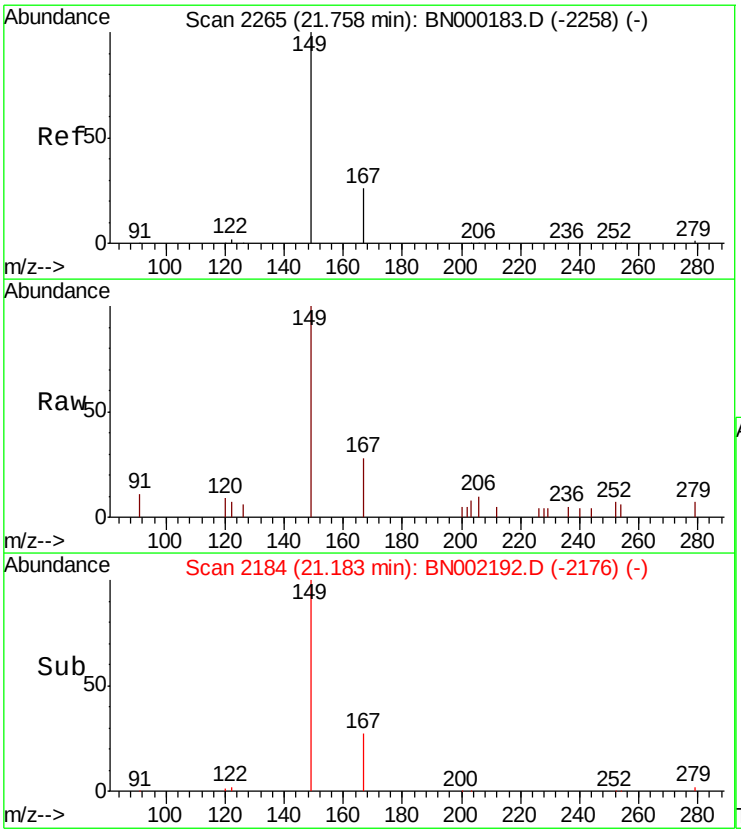
#31
Chrysene
Concen: 0.098 ng
RT: 21.31 min Scan# 2196
Delta R.T. 0.01 min
Lab File: BN002192.D
Acq: 30 Jul 2018 19:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 3046

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.0	36.0
229	21.7	16.0	24.0

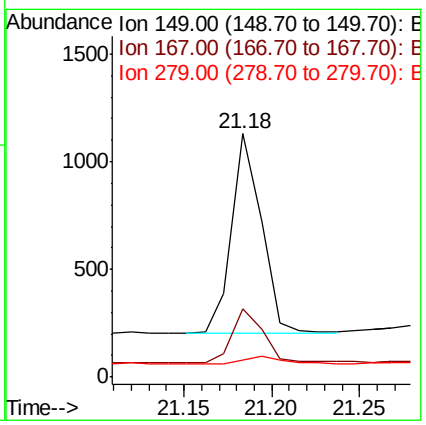


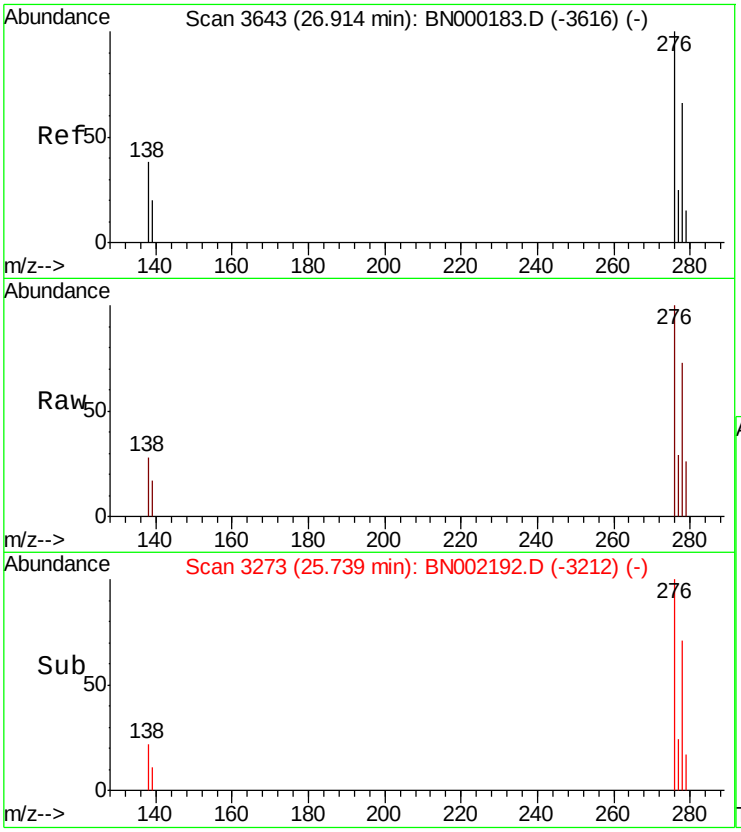


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.086 ng
RT: 21.18 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BN002192.D
Acq: 30 Jul 2018 19:00

Tgt Ion:149 Resp: 1100

Ion	Ratio	Lower	Upper
149	100		
167	27.4	20.0	30.0
279	5.2	1.6	2.4#



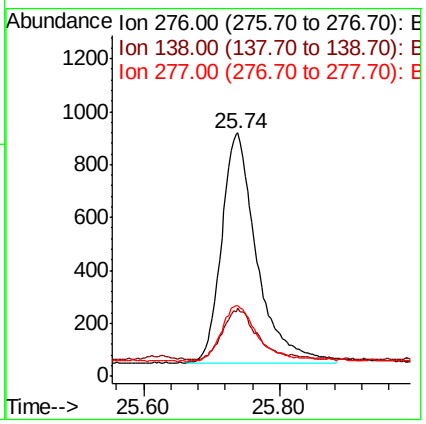


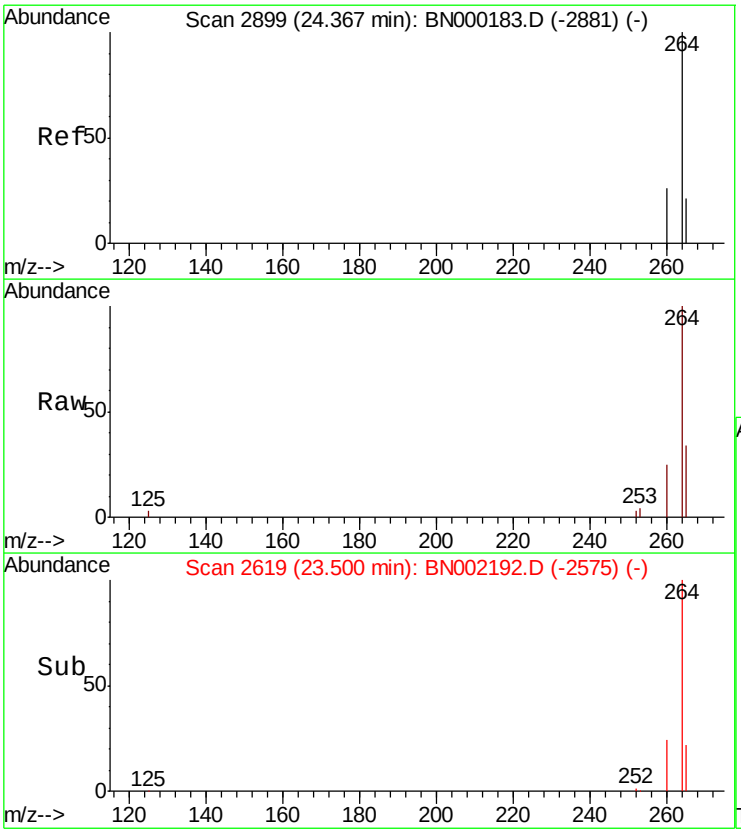
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.106 ng
RT: 25.74 min Scan# 3273
Delta R.T. 0.01 min
Lab File: BN002192.D
Acq: 30 Jul 2018 19:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 3118

Ion	Ratio	Lower	Upper
276	100		
138	20.9	22.5	33.7#
277	24.9	19.9	29.9

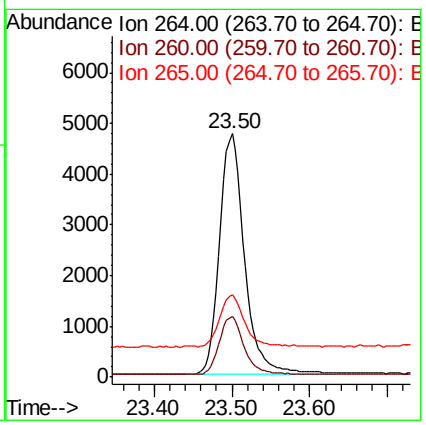


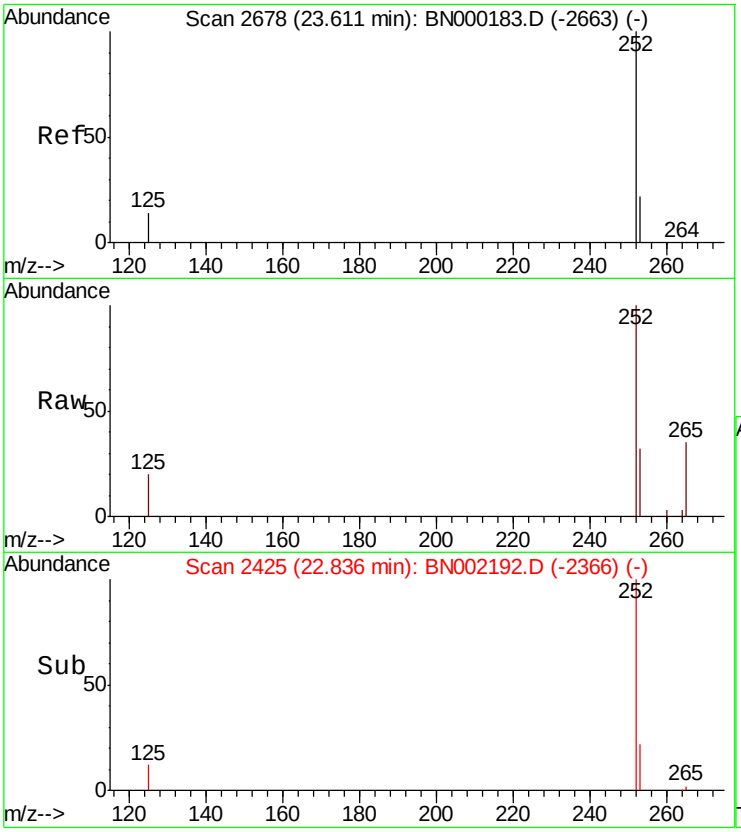


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.50 min Scan# 2619
Delta R.T. 0.00 min
Lab File: BN002192.D
Acq: 30 Jul 2018 19:00

Tgt Ion:264 Resp: 10547

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.5	30.7
265	33.8	22.8	34.2



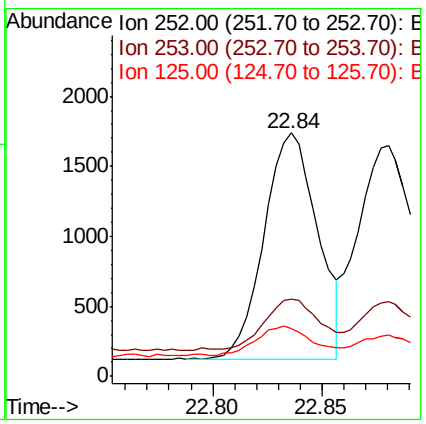


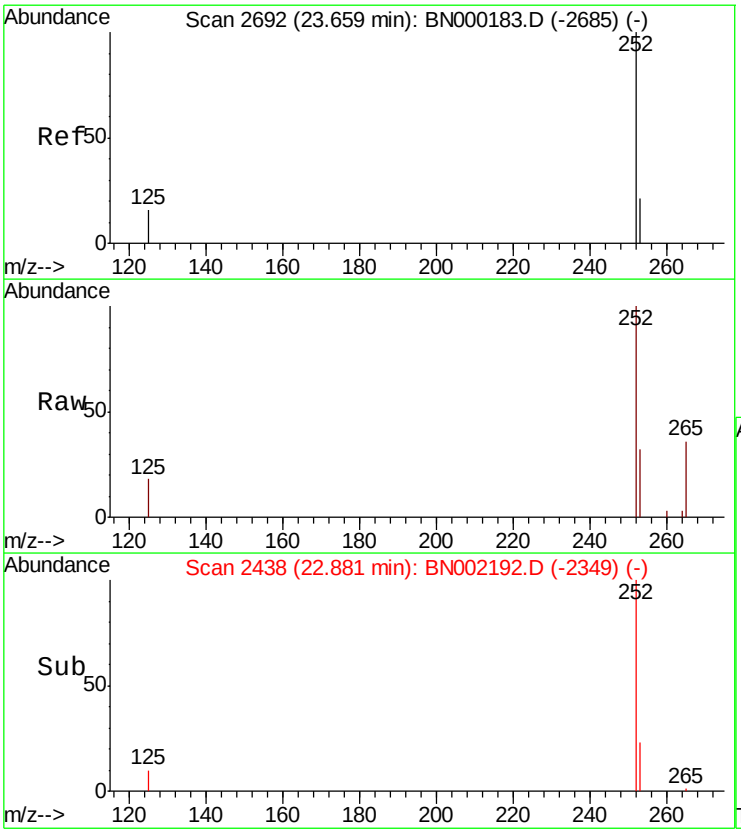
#35
Benzo(b)fluoranthene
Concen: 0.089 ng
RT: 22.84 min Scan# 2425
Delta R.T. 0.00 min
Lab File: BN002192.D
Acq: 30 Jul 2018 19:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 2772

Ion	Ratio	Lower	Upper
252	100		
253	31.7	20.0	30.0#
125	19.6	16.0	24.0

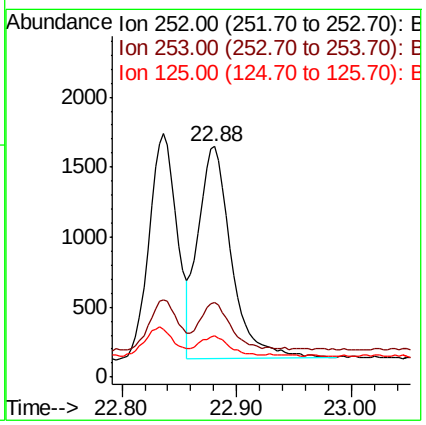


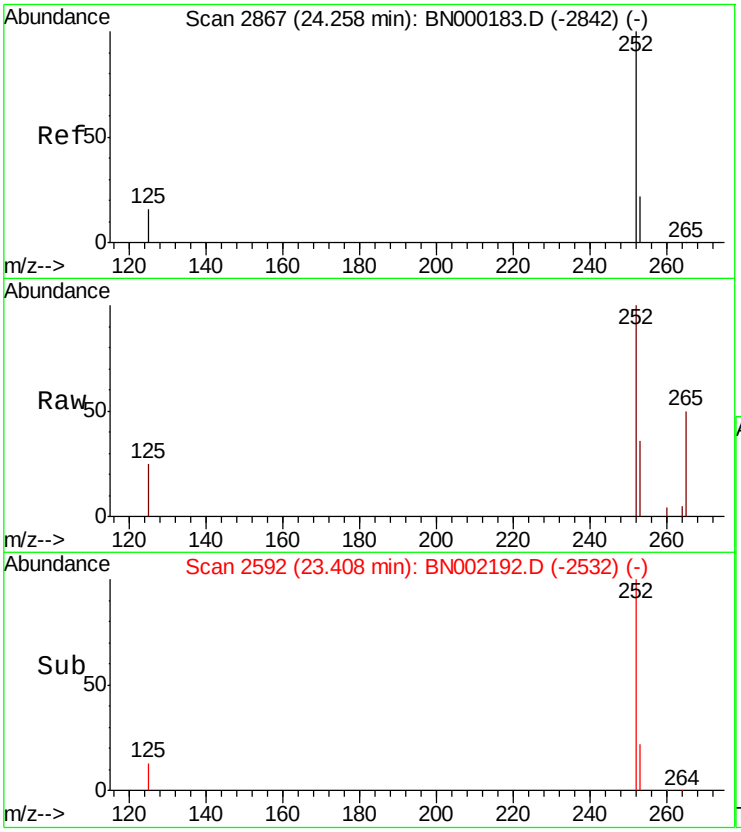


#36
Benzo(k)fluoranthene
Concen: 0.095 ng
RT: 22.88 min Scan# 2438
Delta R.T. 0.00 min
Lab File: BN002192.D
Acq: 30 Jul 2018 19:00

Tgt Ion:252 Resp: 3048

Ion	Ratio	Lower	Upper
252	100		
253	32.1	16.0	24.0#
125	18.1	8.0	12.0#



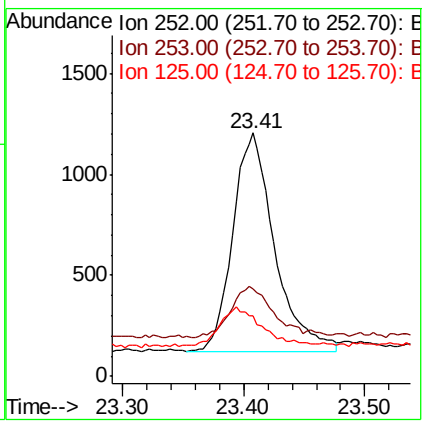


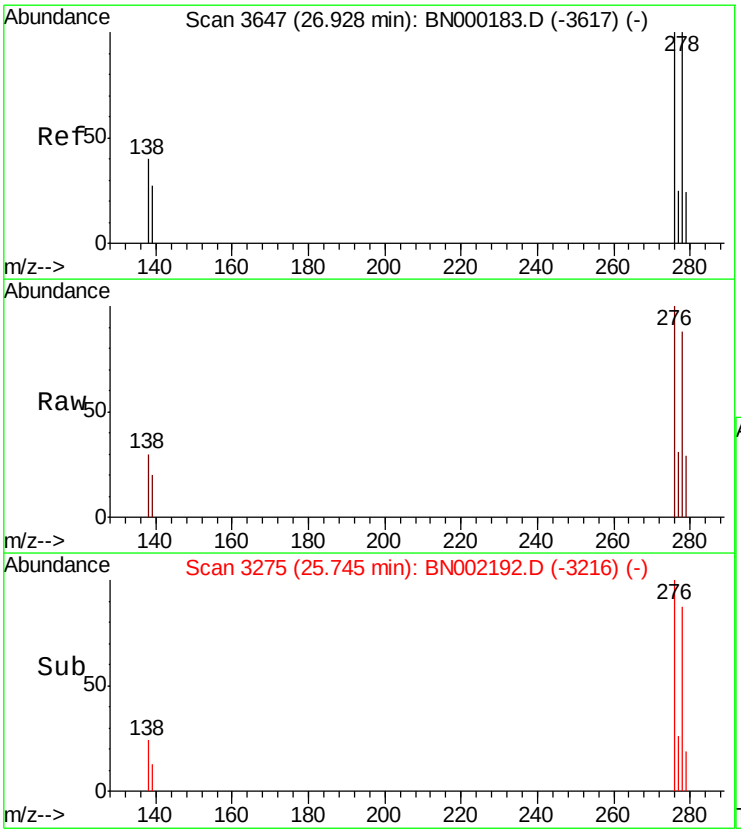
#37
Benzo(a)pyrene
Concen: 0.093 ng
RT: 23.41 min Scan# 2592
Delta R.T. 0.01 min
Lab File: BN002192.D
Acq: 30 Jul 2018 19:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 2602

Ion	Ratio	Lower	Upper
252	100		
253	36.2	16.0	24.0#
125	24.9	12.0	18.0#

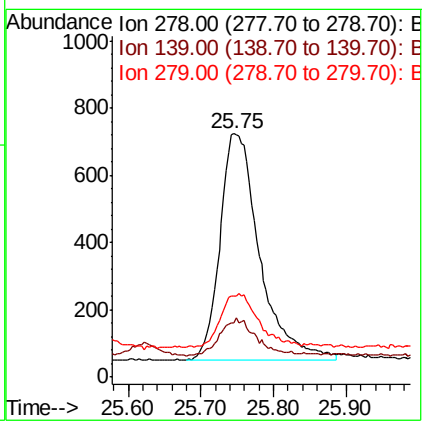


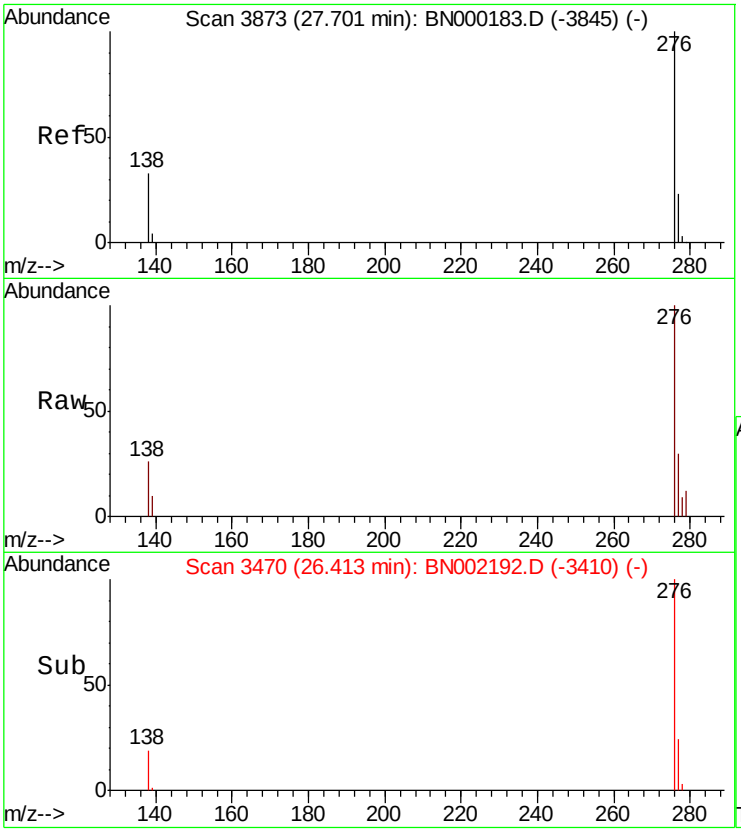


#38
Dibenzo(a,h)anthracene
Concen: 0.093 ng
RT: 25.75 min Scan# 3275
Delta R.T. 0.00 min
Lab File: BN002192.D
Acq: 30 Jul 2018 19:00

Tgt Ion:278 Resp: 2544

Ion	Ratio	Lower	Upper
278	100		
139	22.3	16.0	24.0
279	33.4	20.0	30.0#





#39
Benzo(g,h,i)perylene
Concen: 0.097 ng
RT: 26.41 min Scan# 3470
Delta R.T. 0.01 min
Lab File: BN002192.D
Acq: 30 Jul 2018 19:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 2703

Ion	Ratio	Lower	Upper
276	100		
277	29.7	16.0	24.0#
138	26.0	20.0	30.0