

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042921\
 Data File : BN014495.D
 Acq On : 29 Apr 2021 18:20
 Operator : CG/JU
 Sample : M2208-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW8-GW-378-380

Quant Time: Apr 29 18:51:30 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN042921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 29 15:11:14 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

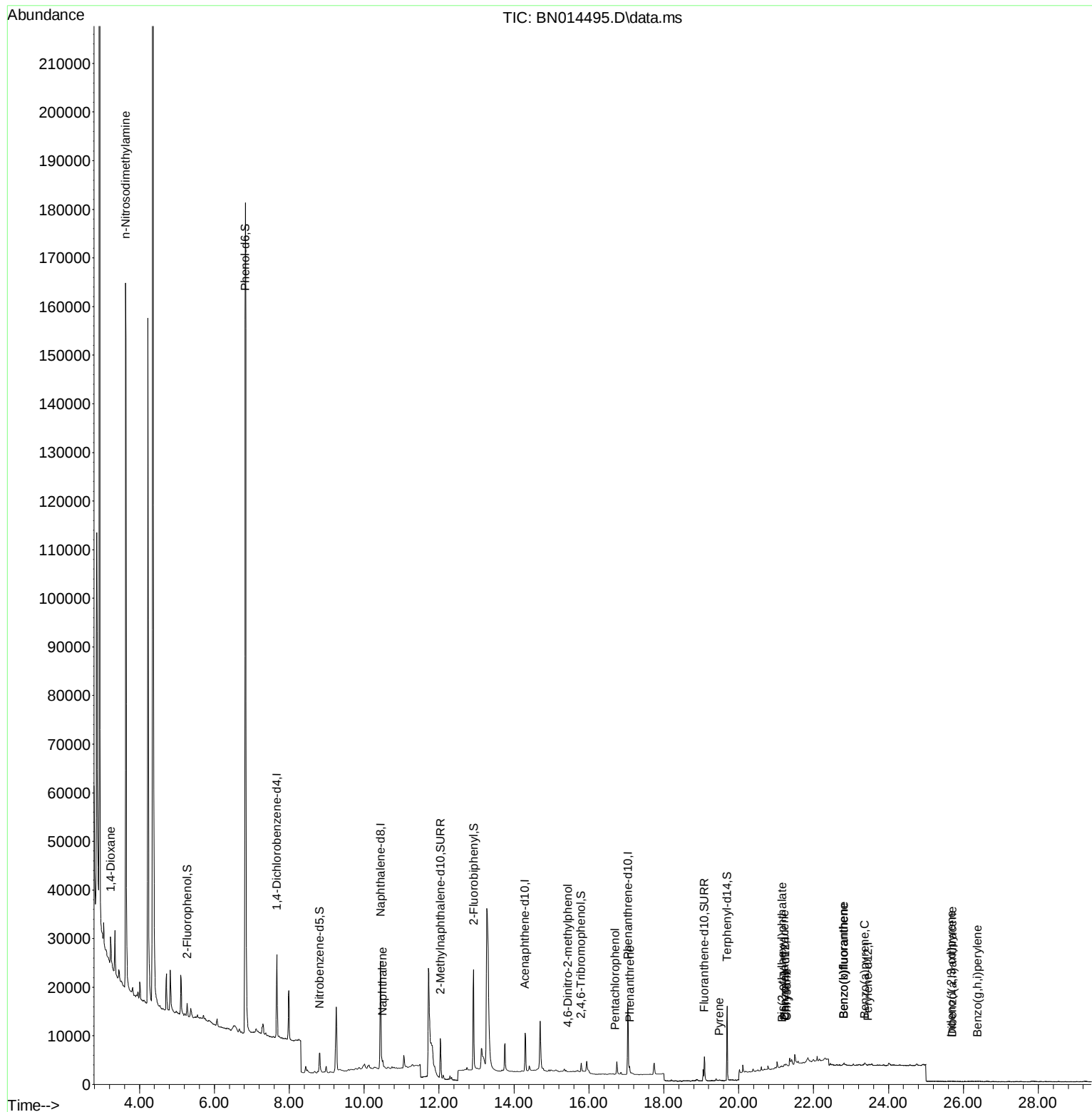
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.668	152	8394	0.40	ng	0.00
7) Naphthalene-d8	10.442	136	30805	0.40	ng	# 0.00
13) Acenaphthene-d10	14.296	164	4840	0.40	ng	0.00
19) Phenanthrene-d10	17.043	188	21204	0.40	ng	0.00
29) Chrysene-d12	21.250	240	323	0.40	ng	# 0.00
35) Perylene-d12	23.455	264	15	0.40	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.276	112	2448	0.16	ng	0.00
5) Phenol-d6	6.831	99	3351	0.18	ng	0.00
8) Nitrobenzene-d5	8.807	82	4456	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	12.035	152	10319	0.16	ng	0.00
14) 2,4,6-Tribromophenol	15.793	330	1349	1.09	ng	0.00
15) 2-Fluorobiphenyl	12.925	172	19926	1.05	ng	0.00
27) Fluoranthene-d10	19.084	212	6096	0.08	ng	0.00
31) Terphenyl-d14	19.690	244	15362	20.66	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.231	88	4607	0.49	ng	# 83
3) n-Nitrosodimethylamine	3.633	42	5221	1.11	ng	# 1
9) Naphthalene	10.492	128	1793	0.02	ng	# 82
20) 4,6-Dinitro-2-methylph...	15.437	198	6	0.25	ng	# 1
24) Pentachlorophenol	16.703	266	70	0.31	ng	# 58
25) Phenanthrene	17.092	178	1526	0.02	ng	# 75
30) Pyrene	19.481	202	177	0.17	ng	# 88
32) Benzo(a)anthracene	21.229	228	176	0.20	ng	# 1
33) Chrysene	21.282	228	120	0.11	ng	# 15
34) Bis(2-ethylhexyl)phtha...	21.165	149	94	0.40	ng	# 7
36) Indeno(1,2,3-cd)pyrene	25.677	276	25	0.41	ng	# 88
37) Benzo(b)fluoranthene	22.805	252	56	0.97	ng	# 1
38) Benzo(k)fluoranthene	22.805	252	55	0.87	ng	# 1
39) Benzo(a)pyrene	23.370	252	93	1.88	ng	# 1
40) Dibenzo(a,h)anthracene	25.704	278	30	0.59	ng	# 1
41) Benzo(g,h,i)perylene	26.378	276	54	0.95	ng	# 1

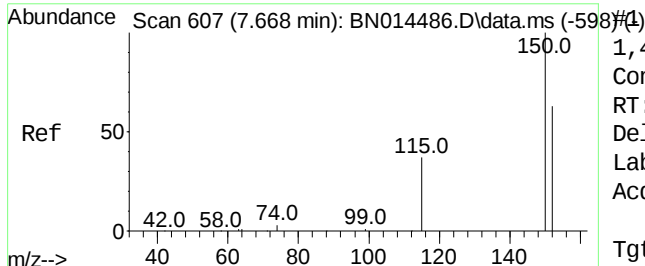
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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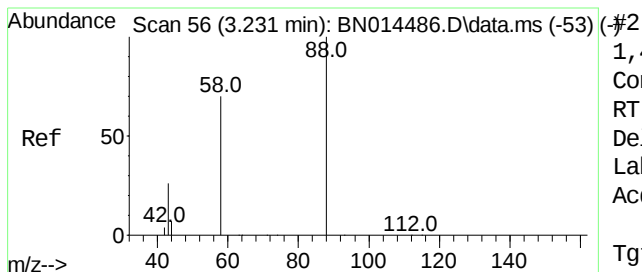
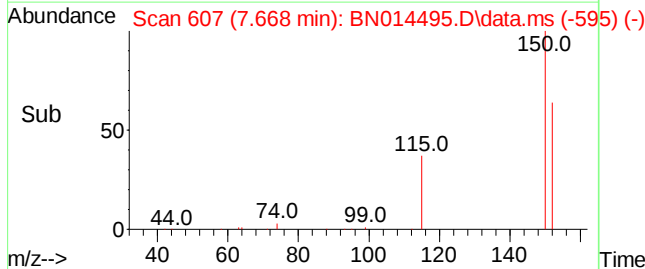
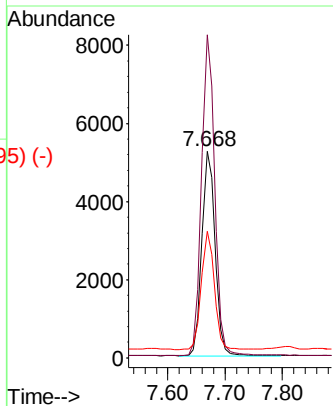
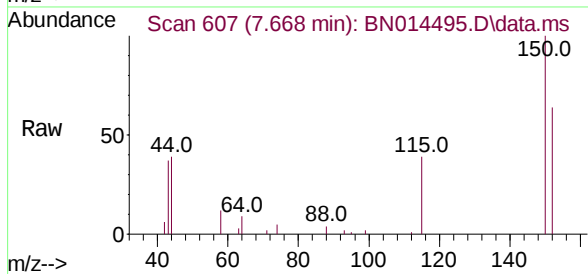




1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.668 min Scan# 607
 Delta R.T. 0.000 min
 Lab File: BN014495.D
 Acq: 29 Apr 2021 18:20

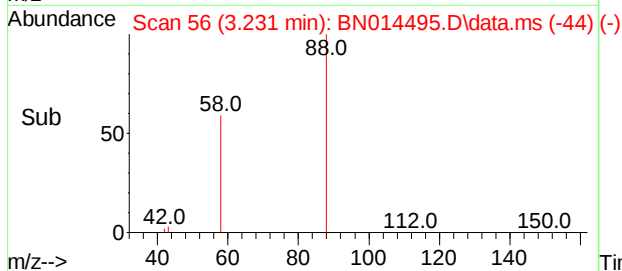
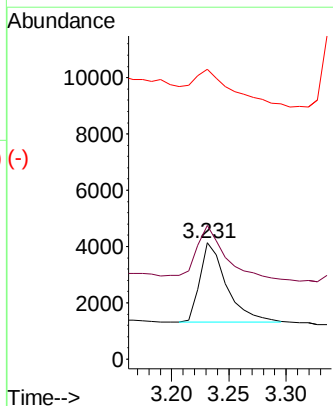
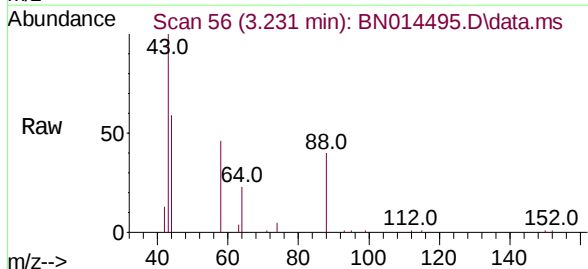
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW8-GW-378-380

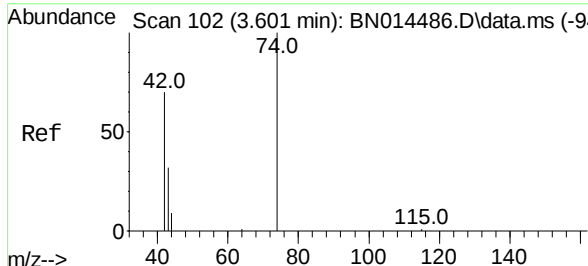
Tgt Ion:	152	Resp:	8394
Ion	Ratio	Lower	Upper
152	100		
150	156.3	126.6	189.8
115	61.3	47.7	71.5



1,4-Dioxane
 Concen: 0.49 ng
 RT: 3.231 min Scan# 56
 Delta R.T. 0.000 min
 Lab File: BN014495.D
 Acq: 29 Apr 2021 18:20

Tgt Ion:	88	Resp:	4607
Ion	Ratio	Lower	Upper
88	100		
58	69.7	55.4	83.0
43	57.6	21.6	32.4#

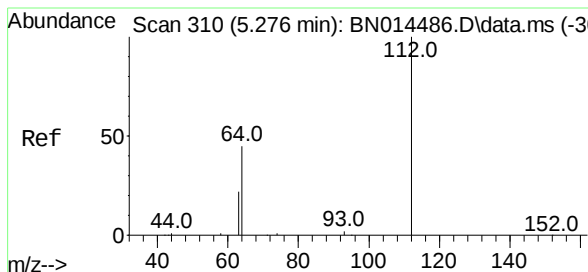
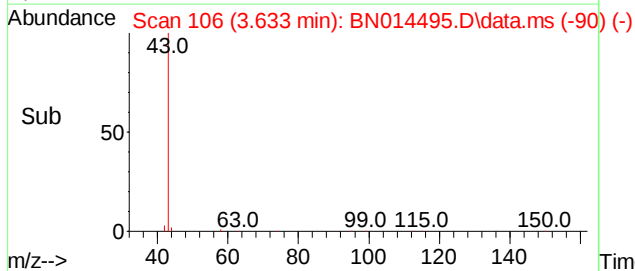
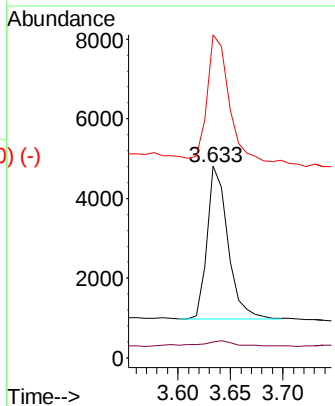
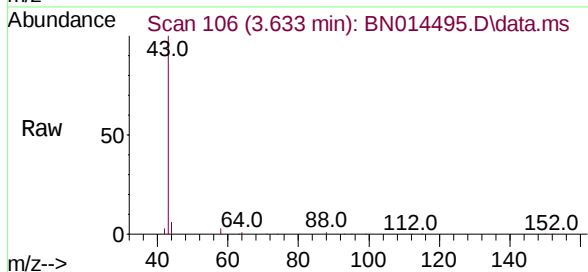




#3
 n-Nitrosodimethylamine
 Concen: 1.11 ng
 RT: 3.633 min Scan# 106
 Delta R.T. 0.032 min
 Lab File: BN014495.D
 Acq: 29 Apr 2021 18:20

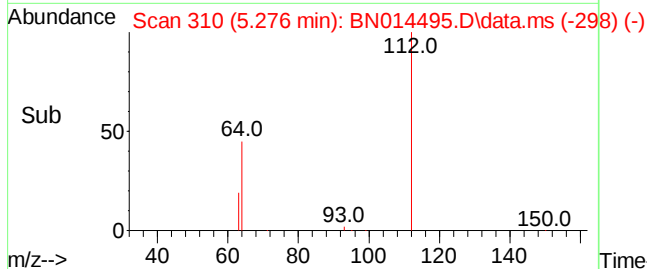
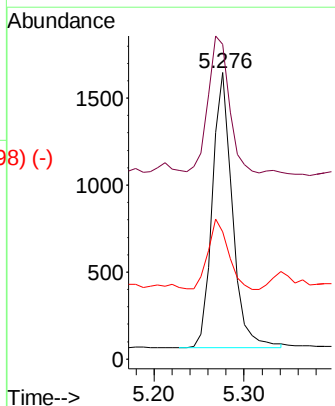
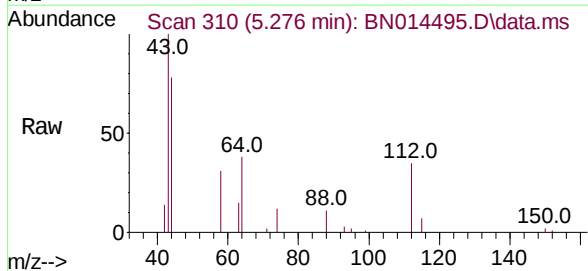
Instrument :
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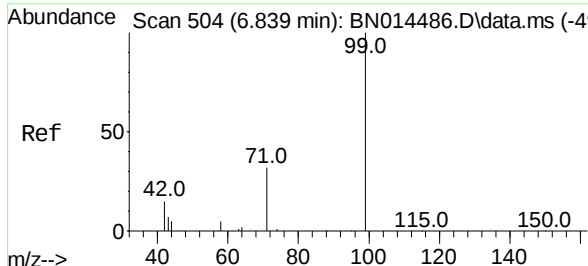
Tgt Ion:	42	Resp:	5221
Ion	Ratio	Lower	Upper
42	100		
74	6.3	120.3	180.5#
44	85.8	6.7	10.1#



#4
 2-Fluorophenol
 Concen: 0.16 ng
 RT: 5.276 min Scan# 310
 Delta R.T. 0.000 min
 Lab File: BN014495.D
 Acq: 29 Apr 2021 18:20

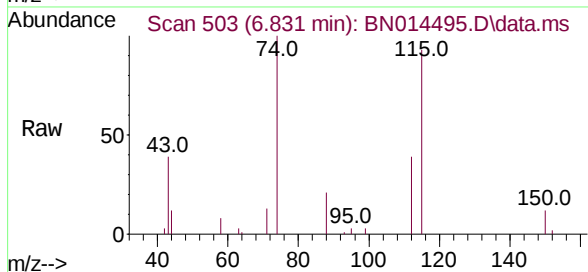
Tgt Ion:	112	Resp:	2448
Ion	Ratio	Lower	Upper
112	100		
64	52.0	42.4	63.6
63	26.0	22.2	33.4



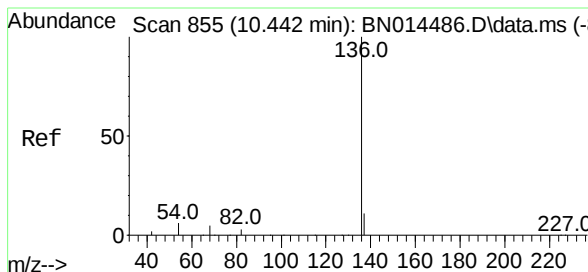
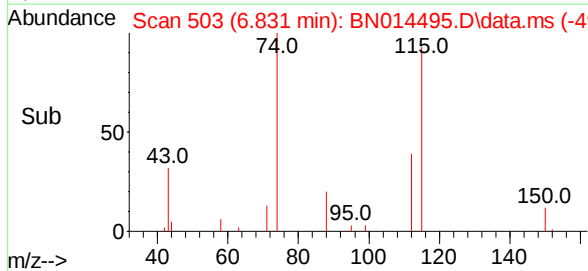
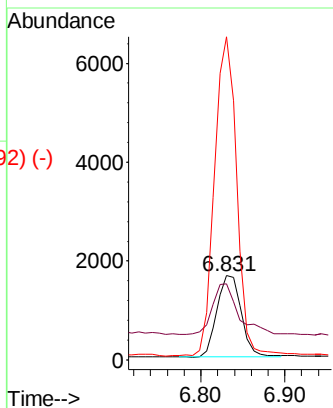


Phenol-d6
 Concen: 0.18 ng
 RT: 6.831 min Scan# 503
 Delta R.T. -0.008 min
 Lab File: BN014495.D
 Acq: 29 Apr 2021 18:20

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW8-GW-378-380

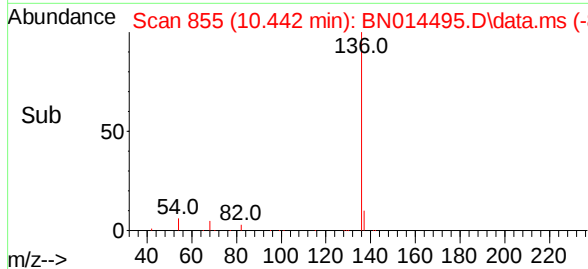
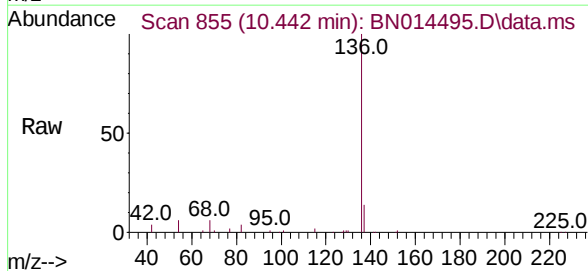
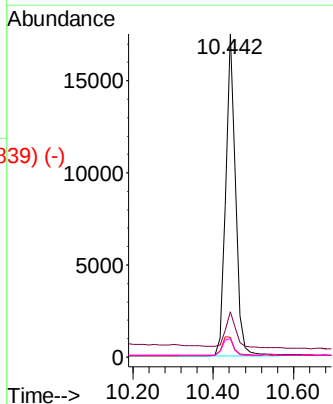


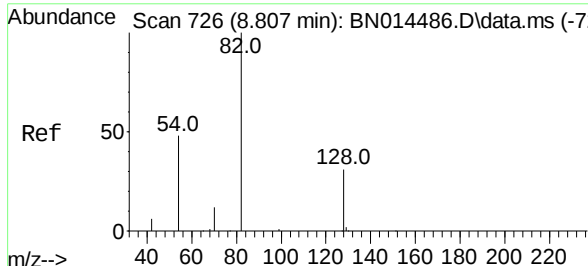
Tgt Ion	Ratio	Lower	Upper
99	100		
42	65.6	13.8	20.8#
71	356.0	26.0	39.0#



Naphthalene-d8
 Concen: 0.40 ng
 RT: 10.442 min Scan# 855
 Delta R.T. 0.000 min
 Lab File: BN014495.D
 Acq: 29 Apr 2021 18:20

Tgt Ion	Ratio	Lower	Upper
136	100		
137	14.0	9.0	13.6#
54	6.1	4.8	7.2
68	5.6	4.6	6.8

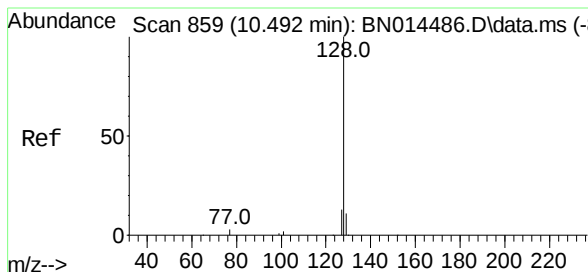
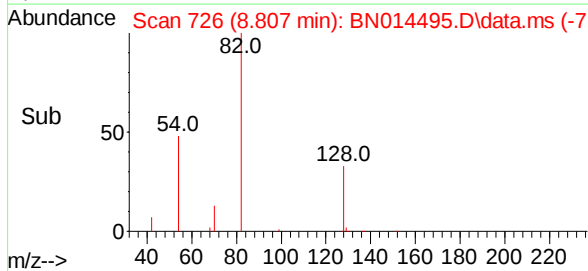
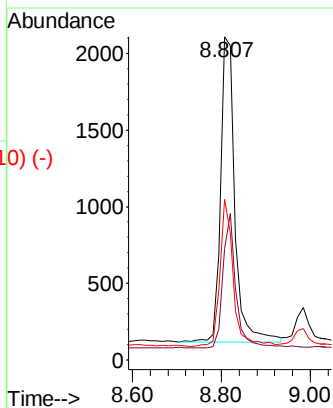
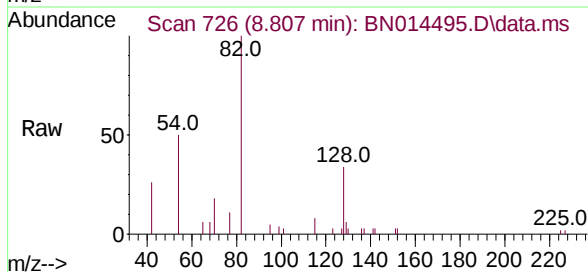




Nitrobenzene-d5
 Concen: 0.28 ng
 RT: 8.807 min Scan# 726
 Delta R.T. 0.000 min
 Lab File: BN014495.D
 Acq: 29 Apr 2021 18:20

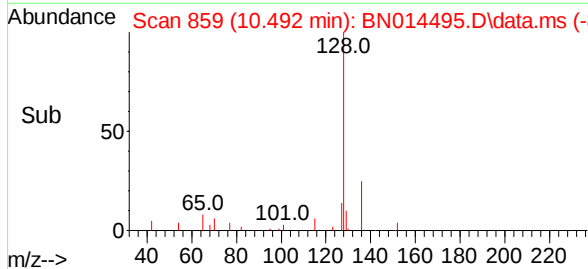
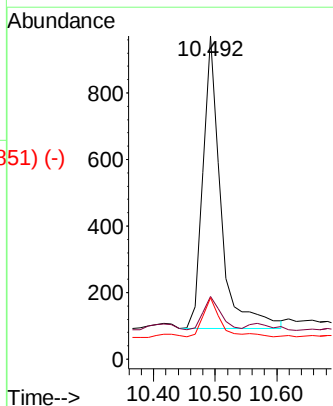
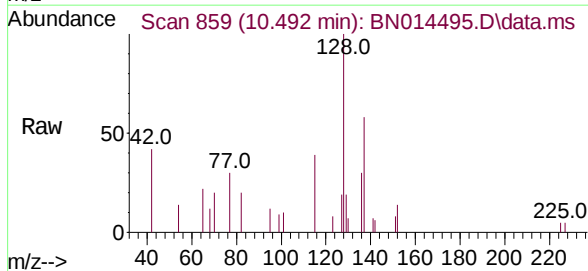
Instrument :
 BNA_N
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Tgt Ion:	82	Resp:	4456
Ion	Ratio	Lower	Upper
82	100		
128	34.4	26.0	39.0
54	49.7	39.5	59.3



Naphthalene
 Concen: 0.02 ng
 RT: 10.492 min Scan# 859
 Delta R.T. 0.000 min
 Lab File: BN014495.D
 Acq: 29 Apr 2021 18:20

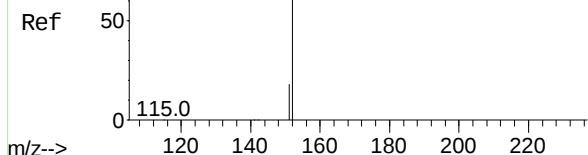
Tgt Ion:	128	Resp:	1793
Ion	Ratio	Lower	Upper
128	100		
129	19.5	9.0	13.6#
127	18.9	10.2	15.4#



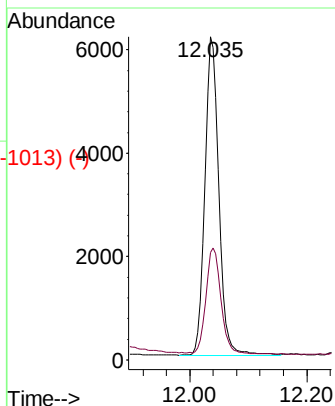
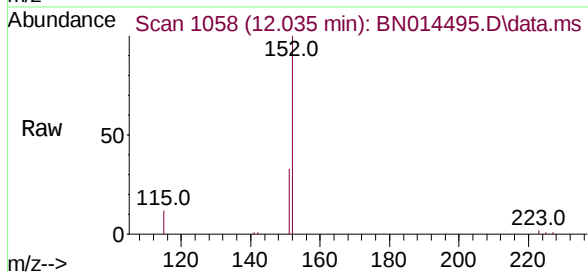
Abundance Scan 1058 (12.035 min): BN014486.D\data.ms (-1015) (-)

2-Methylnaphthalene-d10
Concen: 0.16 ng
RT: 12.035 min Scan# 1058
Delta R.T. 0.000 min
Lab File: BN014495.D
Acq: 29 Apr 2021 18:20

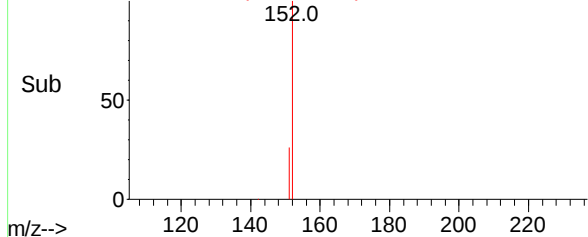
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-378-380



Tgt Ion:152 Resp: 10319
Ion Ratio Lower Upper
152 100
151 35.7 16.3 24.5#

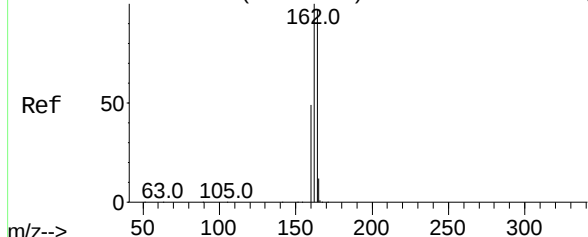


Abundance Scan 1058 (12.035 min): BN014495.D\data.ms (-1013) (-)

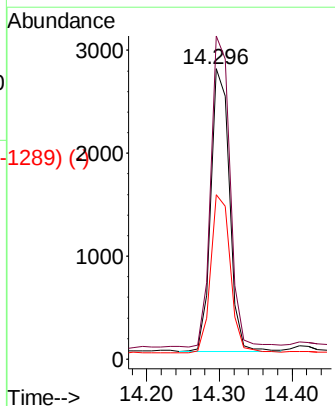
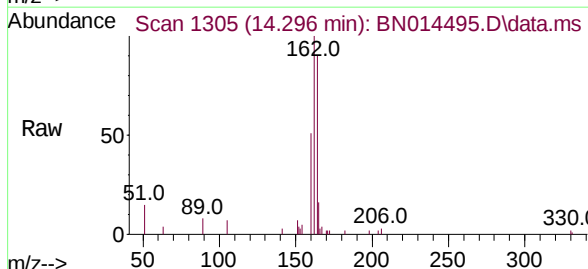


Abundance Scan 1305 (14.295 min): BN014486.D\data.ms (-1313) (-)

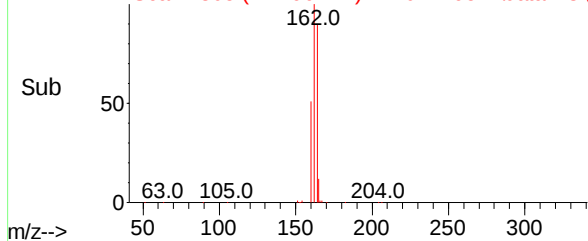
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.296 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BN014495.D
Acq: 29 Apr 2021 18:20



Tgt Ion:164 Resp: 4840
Ion Ratio Lower Upper
164 100
162 111.3 82.4 123.6
160 56.7 40.5 60.7



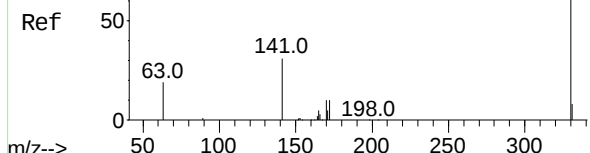
Abundance Scan 1305 (14.296 min): BN014495.D\data.ms (-1289) (-)



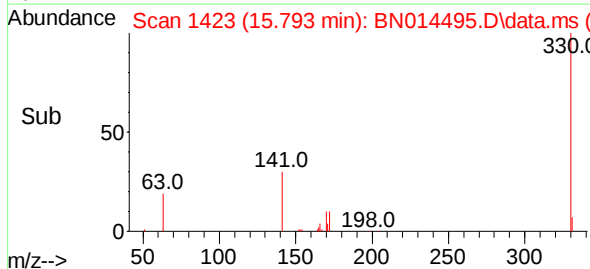
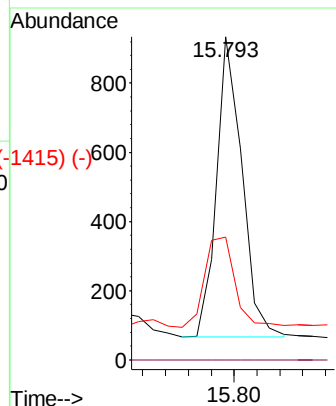
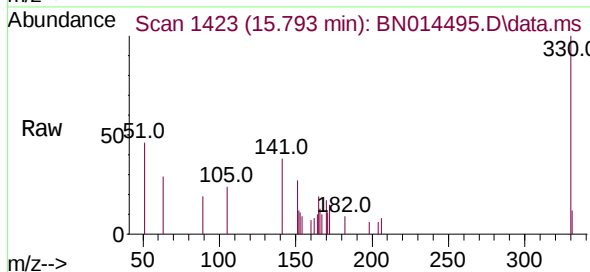
Abundance Scan 1423 (15.793 min): BN014486.D\data.ms (-1414) (-)

2,4,6-Tribromophenol
Concen: 1.09 ng
RT: 15.793 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BN014495.D
Acq: 29 Apr 2021 18:20

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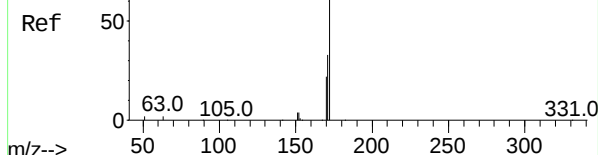


Tgt Ion:	330	Resp:	1349
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	36.0	28.5	42.7

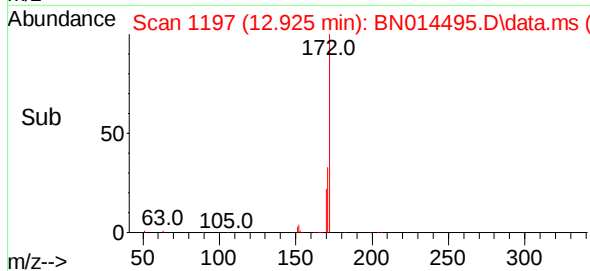
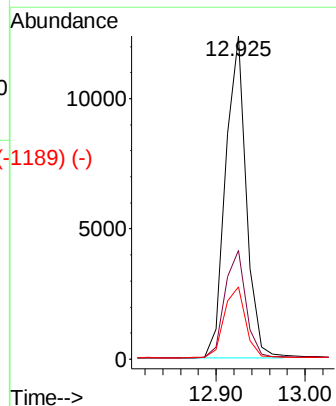
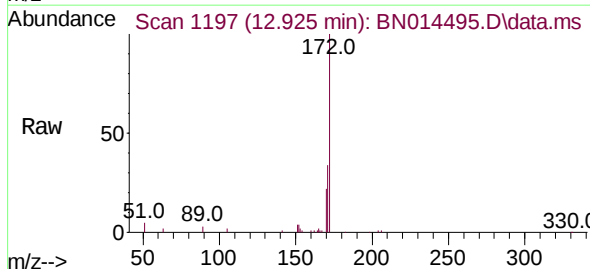


Abundance Scan 1197 (12.925 min): BN014486.D\data.ms (-1195) (-)

2-Fluorobiphenyl
Concen: 1.05 ng
RT: 12.925 min Scan# 1197
Delta R.T. 0.000 min
Lab File: BN014495.D
Acq: 29 Apr 2021 18:20



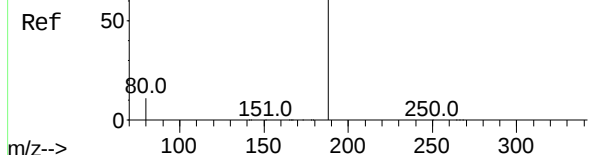
Tgt Ion:	172	Resp:	19926
Ion	Ratio	Lower	Upper
172	100		
171	33.6	26.6	40.0
170	22.3	18.2	27.2



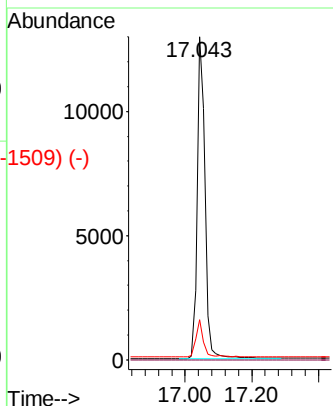
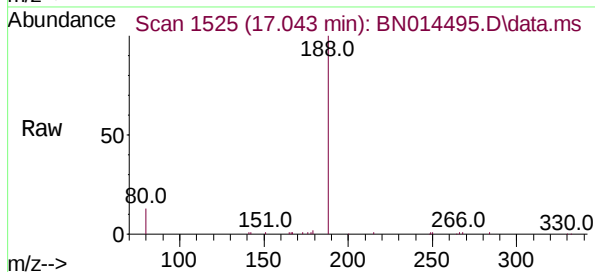
Abundance Scan 1525 (17.043 min): BN014486.D\data.ms (-1529) (-)

Phenanthrene-d10
Concen: 0.40 ng
RT: 17.043 min Scan# 1525
Delta R.T. 0.000 min
Lab File: BN014495.D
Acq: 29 Apr 2021 18:20

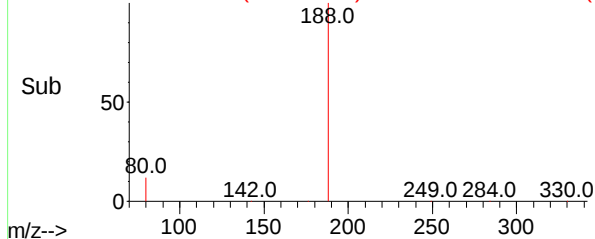
Instrument :
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Tgt Ion:	188	Resp:	21204
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	12.5	8.8	13.2



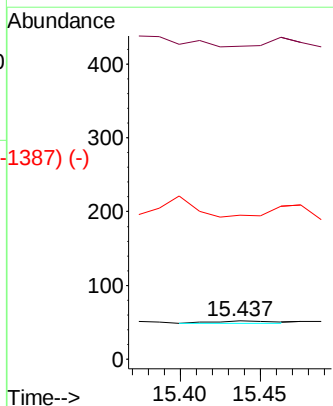
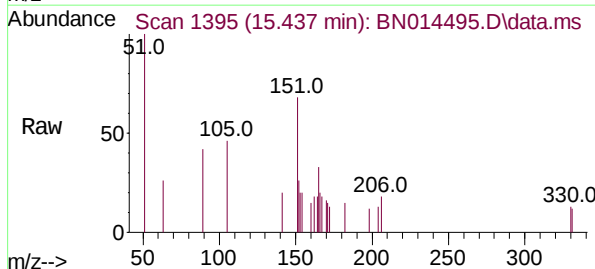
Abundance Scan 1525 (17.043 min): BN014495.D\data.ms (-1509) (-)



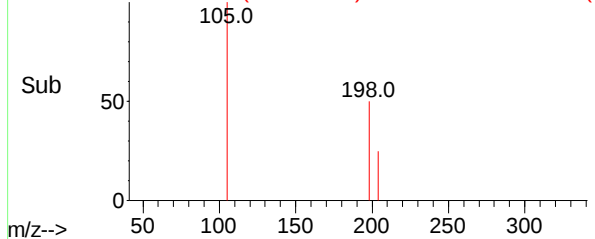
Abundance Scan 1395 (15.437 min): BN014486.D\data.ms (-1320) (-)

4,6-Dinitro-2-methylphenol
Concen: 0.25 ng
RT: 15.437 min Scan# 1395
Delta R.T. 0.000 min
Lab File: BN014495.D
Acq: 29 Apr 2021 18:20

Tgt Ion:	198	Resp:	6
Ion Ratio	Lower	Upper	
198	100		
51	815.4	116.0	174.0#
105	375.0	45.3	67.9#



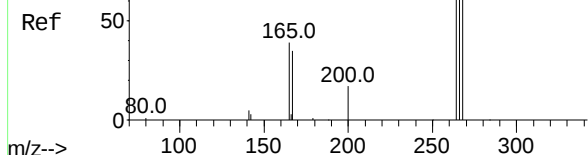
Abundance Scan 1395 (15.437 min): BN014495.D\data.ms (-1387) (-)



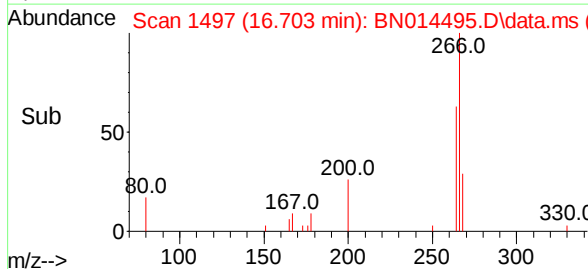
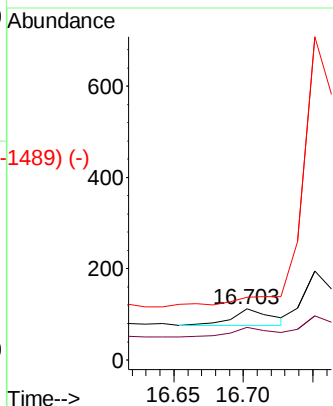
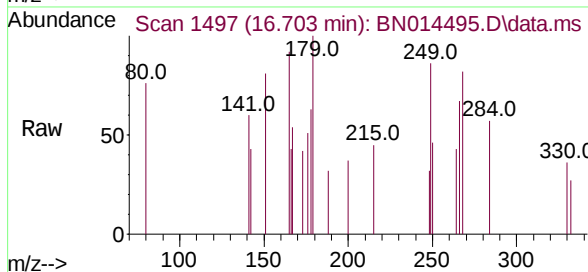
Abundance Scan 1497 (16.702 min): BN014486.D\data.ms (-1424) (-)

Pentachlorophenol
Concen: 0.31 ng
RT: 16.703 min Scan# 1497
Delta R.T. 0.001 min
Lab File: BN014495.D
Acq: 29 Apr 2021 18:20

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-378-380



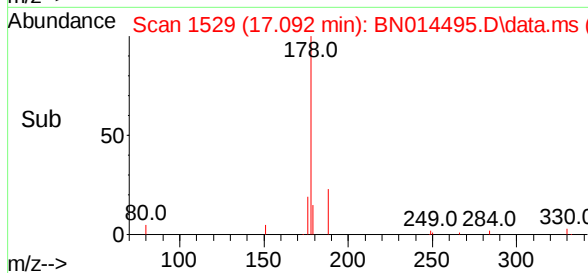
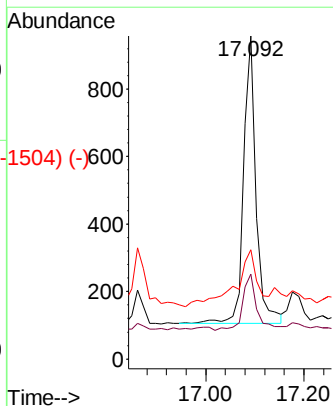
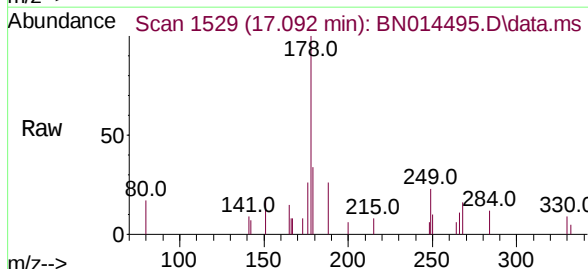
Tgt Ion:	266	Resp:	70
Ion Ratio	Lower	Upper	
266	100		
264	64.3	49.9	74.9
268	0.0	49.9	74.9#



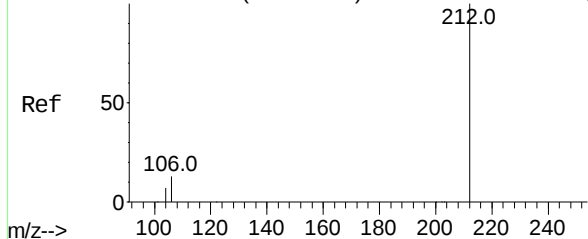
Abundance Scan 1529 (17.092 min): BN014486.D\data.ms (-1525) (-)

Phenanthrene
Concen: 0.02 ng
RT: 17.092 min Scan# 1529
Delta R.T. 0.000 min
Lab File: BN014495.D
Acq: 29 Apr 2021 18:20

Tgt Ion:	178	Resp:	1526
Ion Ratio	Lower	Upper	
178	100		
176	22.3	15.1	22.7
179	34.9	12.2	18.4#



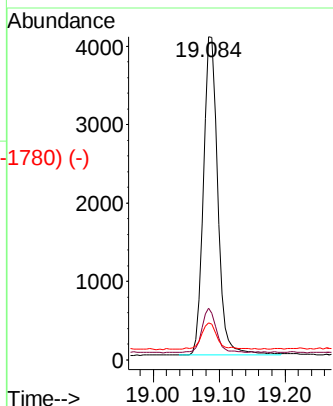
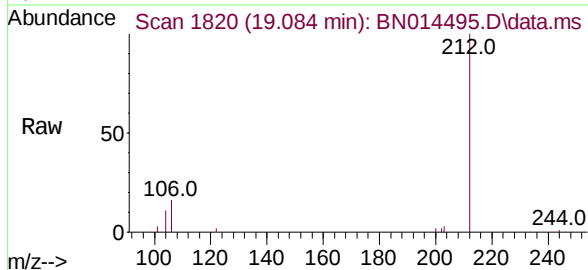
Abundance Scan 1820 (19.084 min): BN014486.D\data.ms (-1820) (-)



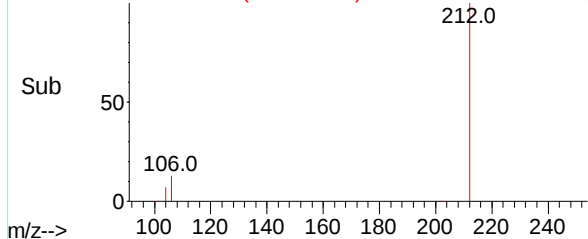
Fluoranthene-d10
Concen: 0.08 ng
RT: 19.084 min Scan# 1820
Delta R.T. 0.000 min
Lab File: BN014495.D
Acq: 29 Apr 2021 18:20

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-378-380

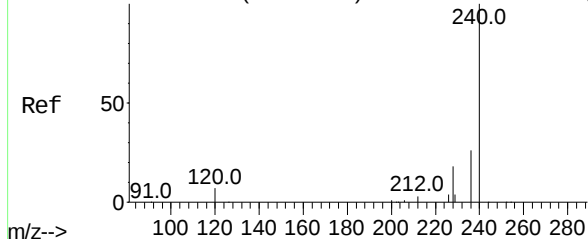
Tgt Ion:	212	Resp:	6096
Ion Ratio	Lower	Upper	
212	100		
106	14.3	10.2	15.4
104	9.3	5.6	8.4#



Abundance Scan 1820 (19.084 min): BN014495.D\data.ms (-1780) (-)

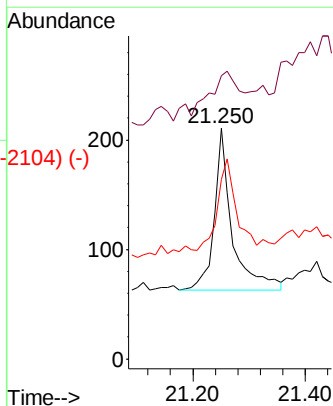
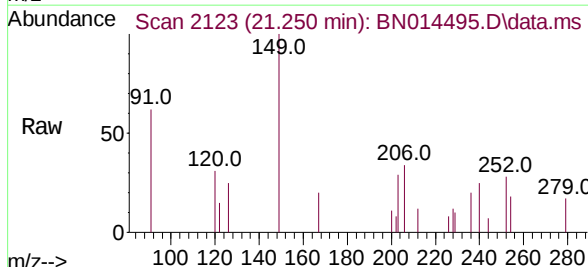


Abundance Scan 2123 (21.250 min): BN014486.D\data.ms (-2123) (-)

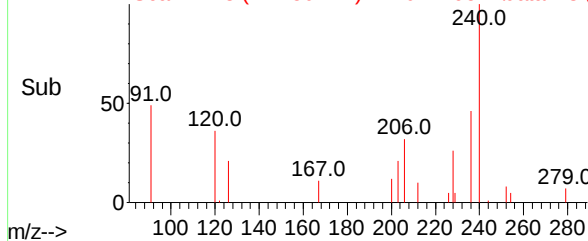


Chrysene-d12
Concen: 0.40 ng
RT: 21.250 min Scan# 2123
Delta R.T. 0.000 min
Lab File: BN014495.D
Acq: 29 Apr 2021 18:20

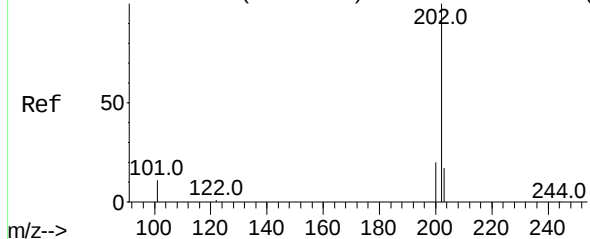
Tgt Ion:	240	Resp:	323
Ion Ratio	Lower	Upper	
240	100		
120	122.7	6.3	9.5#
236	77.7	20.9	31.3#



Abundance Scan 2123 (21.250 min): BN014495.D\data.ms (-2104) (-)



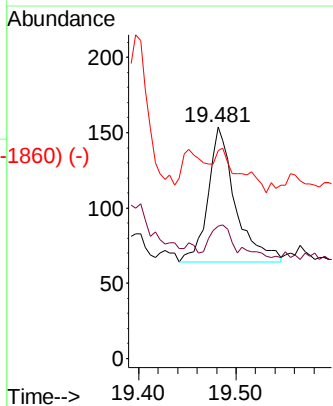
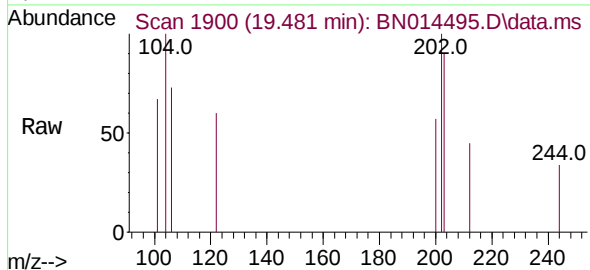
Abundance Scan 1900 (19.481 min): BN014486.D\data.ms (-1860) (-)



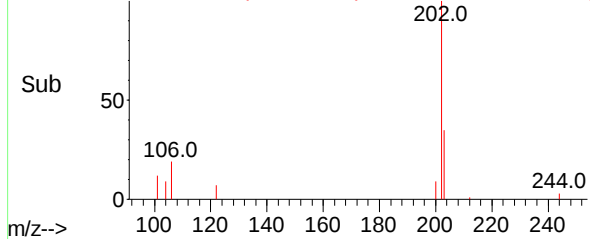
Pyrene
Concen: 0.17 ng
RT: 19.481 min Scan# 1900
Delta R.T. 0.000 min
Lab File: BN014495.D
Acq: 29 Apr 2021 18:20

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-378-380

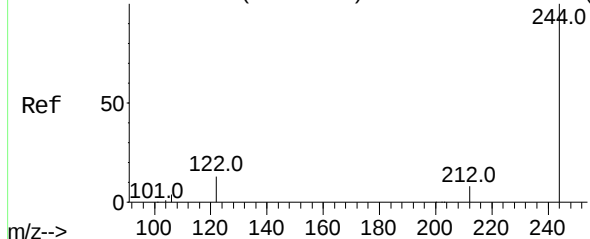
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.6	16.4	24.6
203	26.6	13.9	20.9#



Abundance Scan 1900 (19.481 min): BN014495.D\data.ms (-1860) (-)

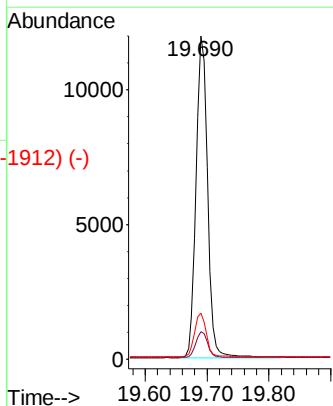
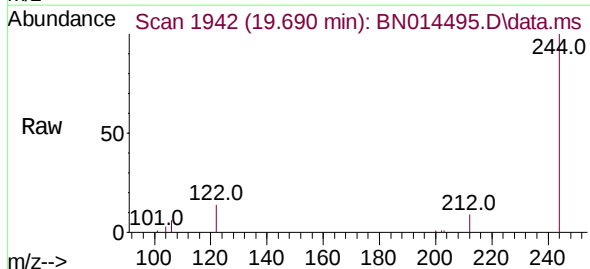


Abundance Scan 1942 (19.690 min): BN014486.D\data.ms (-1923) (-)

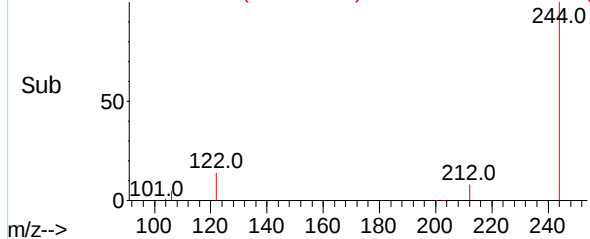


Terphenyl-d14
Concen: 20.66 ng
RT: 19.690 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BN014495.D
Acq: 29 Apr 2021 18:20

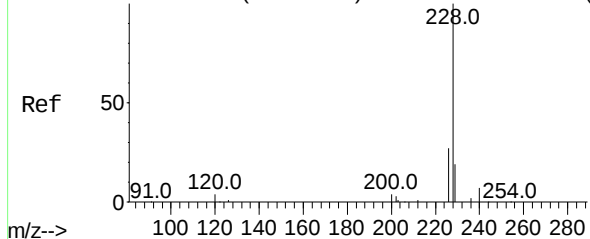
Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.3	9.5
122	14.2	10.6	16.0



Abundance Scan 1942 (19.690 min): BN014495.D\data.ms (-1912) (-)



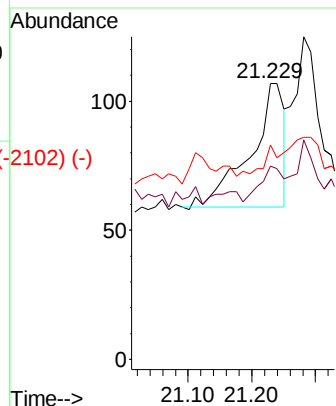
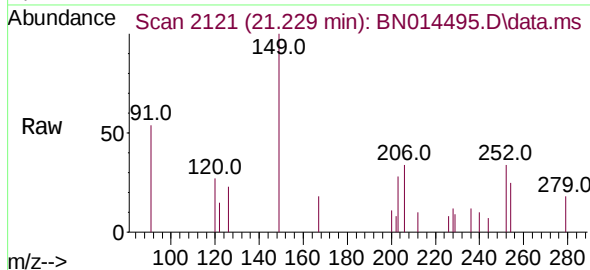
Abundance Scan 2121 (21.229 min): BN014486.D\data.ms (-2121) (-)



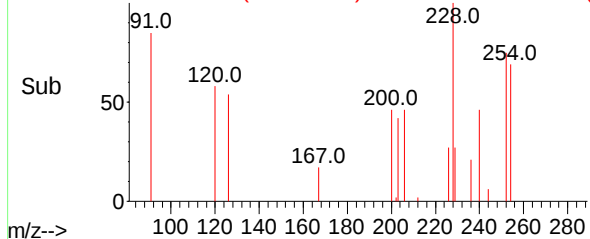
Benzo(a)anthracene
Concen: 0.20 ng
RT: 21.229 min Scan# 2121
Delta R.T. 0.000 min
Lab File: BN014495.D
Acq: 29 Apr 2021 18:20

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-378-380

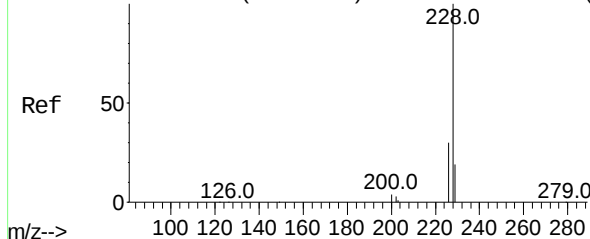
Tgt Ion	Ratio	Lower	Upper
228	100		
226	70.1	21.8	32.8#
229	77.6	15.8	23.6#



Abundance Scan 2121 (21.229 min): BN014495.D\data.ms (-2102) (-)

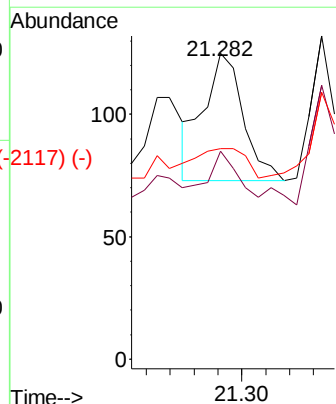
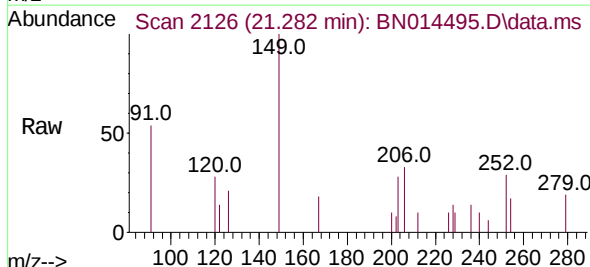


Abundance Scan 2126 (21.282 min): BN014486.D\data.ms (-2126) (-)

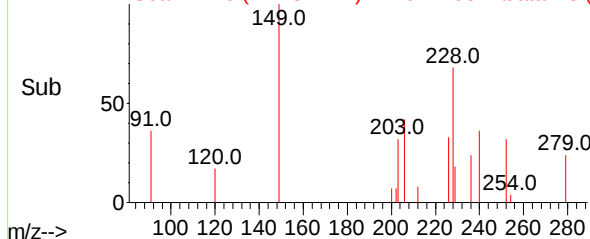


Chrysene
Concen: 0.11 ng
RT: 21.282 min Scan# 2126
Delta R.T. 0.000 min
Lab File: BN014495.D
Acq: 29 Apr 2021 18:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	68.0	23.9	35.9#
229	68.8	15.5	23.3#



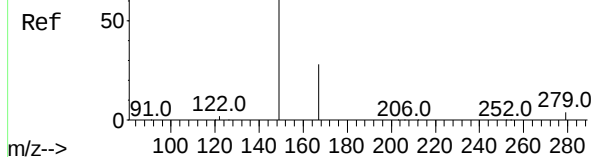
Abundance Scan 2126 (21.282 min): BN014495.D\data.ms (-2117) (-)



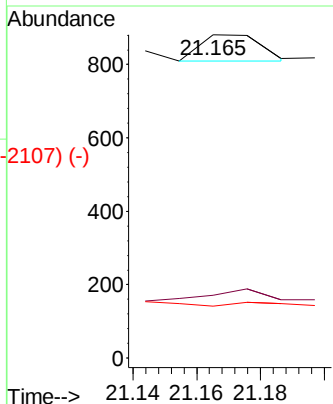
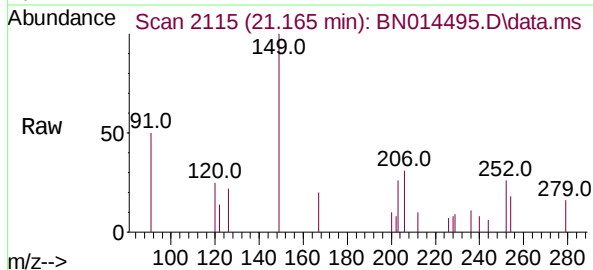
Abundance Scan 2116 (21.176 min): BN014486.D\data.ms (-2116) (-)

Bis(2-ethylhexyl)phthalate
Concen: 0.40 ng
RT: 21.165 min Scan# 2115
Delta R.T. -0.011 min
Lab File: BN014495.D
Acq: 29 Apr 2021 18:20

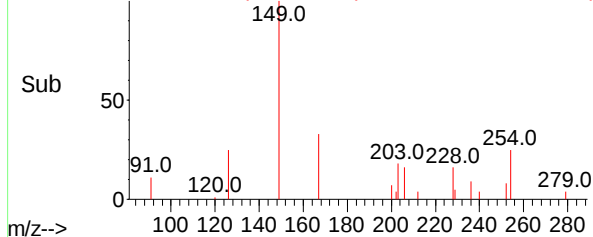
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-378-380



Tgt Ion:	149	Resp:	94
Ion	Ratio	Lower	Upper
149	100		
167	79.8	21.4	32.2#
279	13.8	3.3	4.9#



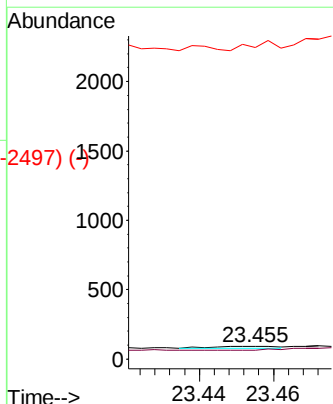
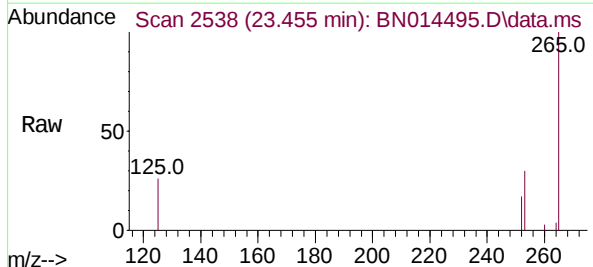
Abundance Scan 2115 (21.165 min): BN014495.D\data.ms (-2107) (-)



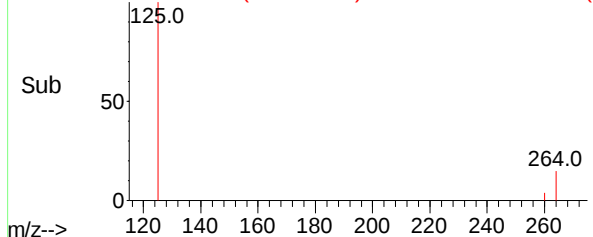
Abundance Scan 2541 (23.465 min): BN014486.D\data.ms (-2525) (-)

Perylene-d12
Concen: 0.40 ng
RT: 23.455 min Scan# 2538
Delta R.T. -0.010 min
Lab File: BN014495.D
Acq: 29 Apr 2021 18:20

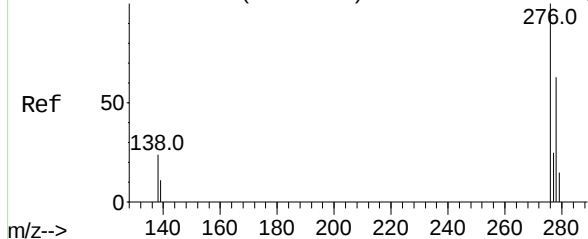
Tgt Ion:	264	Resp:	15
Ion	Ratio	Lower	Upper
264	100		
260	71.4	19.6	29.4#
265	2467.0	35.5	53.3#



Abundance Scan 2538 (23.455 min): BN014495.D\data.ms (-2497) (-)



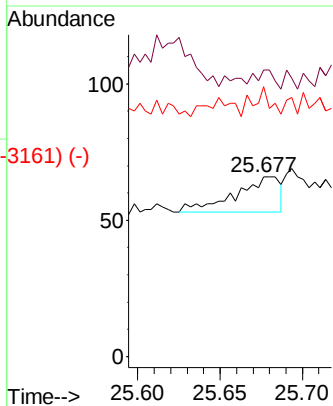
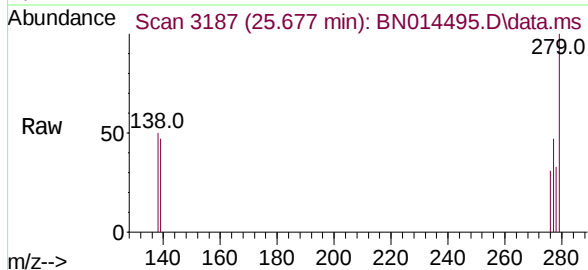
Abundance Scan 3190 (25.687 min): BN014486.D\data.ms (-3186) (-)



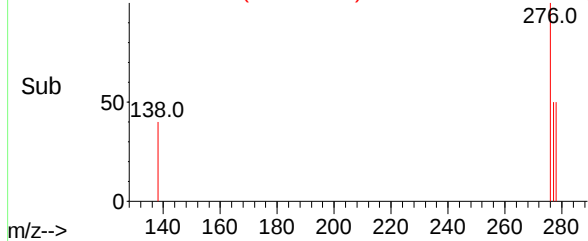
Indeno(1,2,3-cd)pyrene
Concen: 0.41 ng
RT: 25.677 min Scan# 3187
Delta R.T. -0.010 min
Lab File: BN014495.D
Acq: 29 Apr 2021 18:20

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-378-380

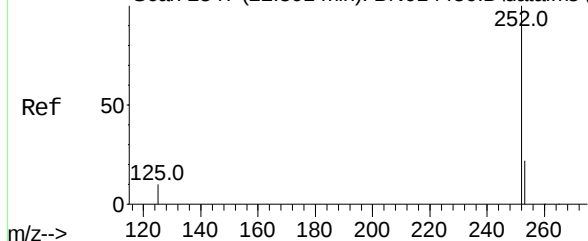
Tgt Ion:	276	Resp:	25
Ion Ratio	Lower	Upper	
276	100		
138	20.0	20.1	30.1#
277	32.0	19.8	29.8#



Abundance Scan 3187 (25.677 min): BN014495.D\data.ms (-3161) (-)

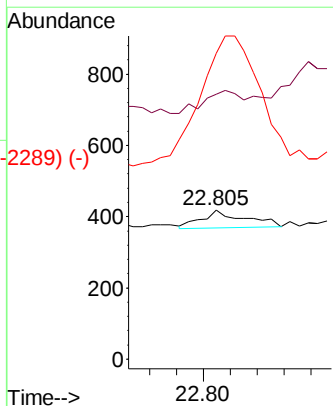
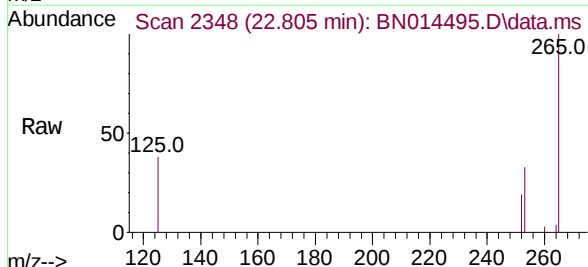


Abundance Scan 2347 (22.801 min): BN014486.D\data.ms (-2337) (-)

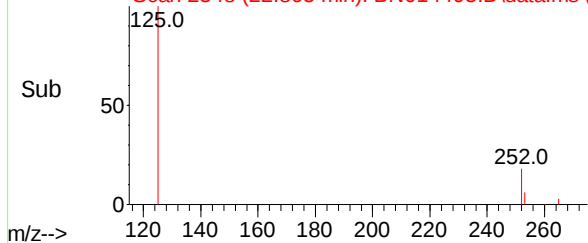


Benzo(b)fluoranthene
Concen: 0.97 ng
RT: 22.805 min Scan# 2348
Delta R.T. 0.004 min
Lab File: BN014495.D
Acq: 29 Apr 2021 18:20

Tgt Ion:	252	Resp:	56
Ion Ratio	Lower	Upper	
252	100		
253	177.3	19.7	29.5#
125	205.0	10.0	15.0#



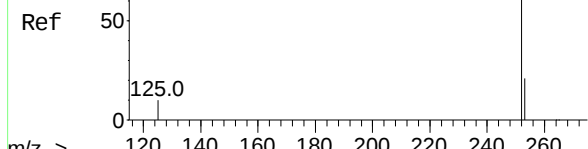
Abundance Scan 2348 (22.805 min): BN014495.D\data.ms (-2289) (-)



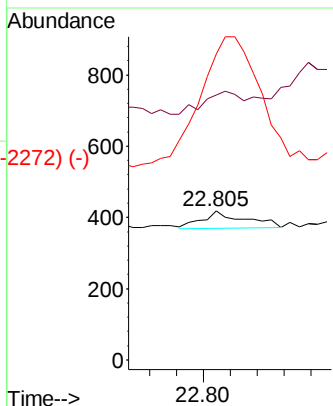
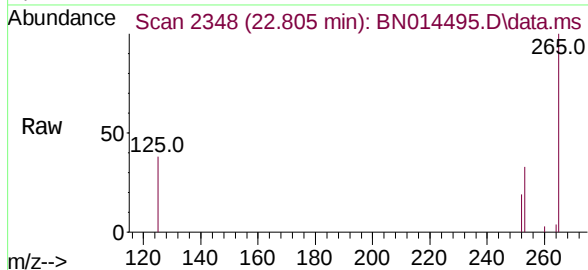
Abundance Scan 2360 (22.846 min): BN014486.D\data.ms (-2338) (-)

Benzo(k)fluoranthene
Concen: 0.87 ng
RT: 22.805 min Scan# 2348
Delta R.T. -0.041 min
Lab File: BN014495.D
Acq: 29 Apr 2021 18:20

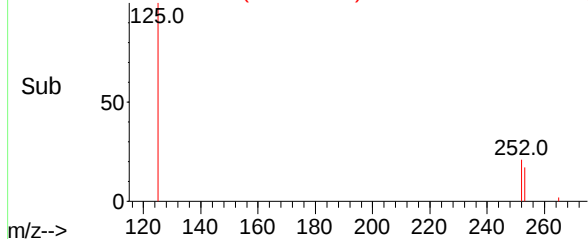
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-378-380



Tgt Ion:	252	Resp:	55
Ion	Ratio	Lower	Upper
252	100		
253	177.3	19.4	29.2#
125	205.0	10.0	15.0#



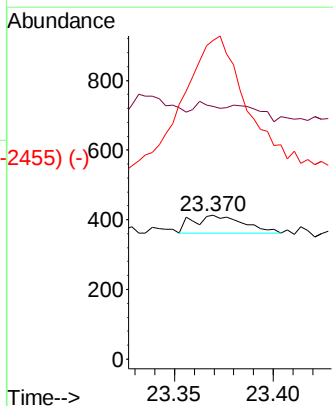
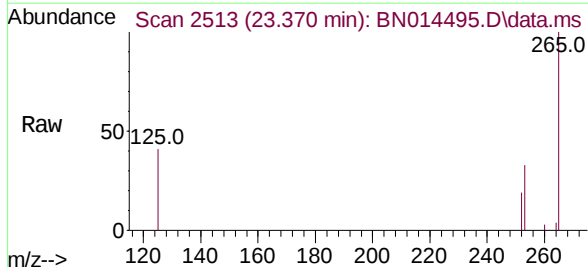
Abundance Scan 2348 (22.805 min): BN014495.D\data.ms (-2272) (-)



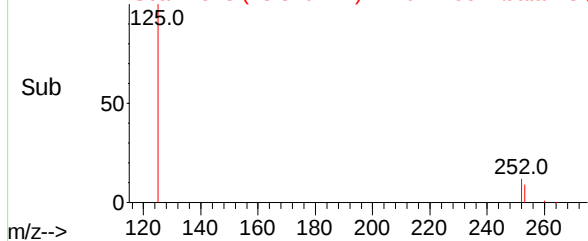
Abundance Scan 2513 (23.369 min): BN014486.D\data.ms (-2438) (-)

Benzo(a)pyrene
Concen: 1.88 ng
RT: 23.370 min Scan# 2513
Delta R.T. 0.000 min
Lab File: BN014495.D
Acq: 29 Apr 2021 18:20

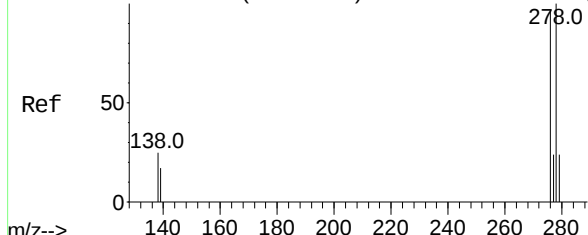
Tgt Ion:	252	Resp:	93
Ion	Ratio	Lower	Upper
252	100		
253	175.5	20.8	31.2#
125	221.8	12.6	19.0#



Abundance Scan 2513 (23.370 min): BN014495.D\data.ms (-2455) (-)



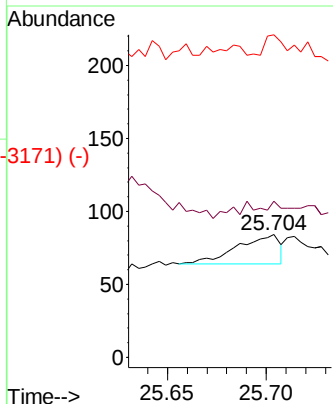
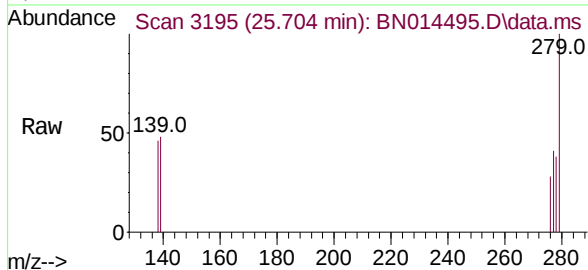
Abundance Scan 3194 (25.700 min): BN014486.D\data.ms (-3174) (-)



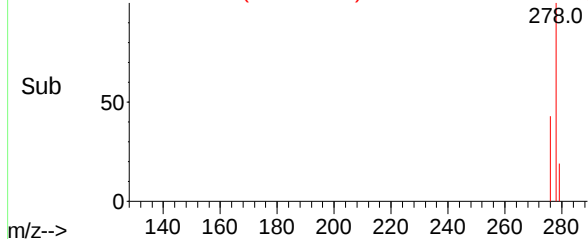
Dibenzo(a,h)anthracene
Concen: 0.59 ng
RT: 25.704 min Scan# 3195
Delta R.T. 0.004 min
Lab File: BN014495.D
Acq: 29 Apr 2021 18:20

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-378-380

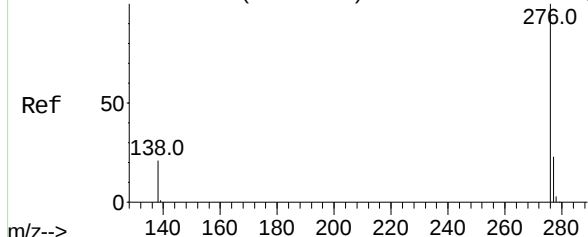
Tgt Ion:	278	Resp:	30
Ion	Ratio	Lower	Upper
278	100		
139	127.4	14.2	21.4#
279	263.1	21.0	31.4#



Abundance Scan 3195 (25.704 min): BN014495.D\data.ms (-3171) (-)

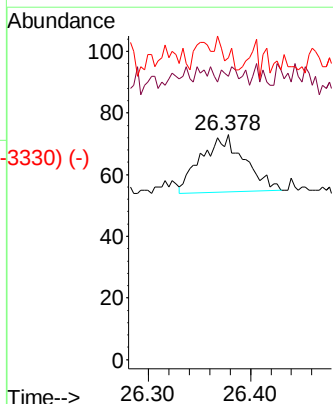
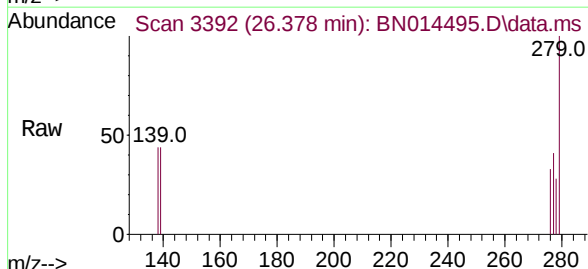


Abundance Scan 3388 (26.364 min): BN014486.D\data.ms (-3363) (-)



Benzo(g,h,i)perylene
Concen: 0.95 ng
RT: 26.378 min Scan# 3392
Delta R.T. 0.014 min
Lab File: BN014495.D
Acq: 29 Apr 2021 18:20

Tgt Ion:	276	Resp:	54
Ion	Ratio	Lower	Upper
276	100		
277	126.0	19.4	29.2#
138	134.2	17.5	26.3#



Abundance Scan 3392 (26.378 min): BN014495.D\data.ms (-3330) (-)

