

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)

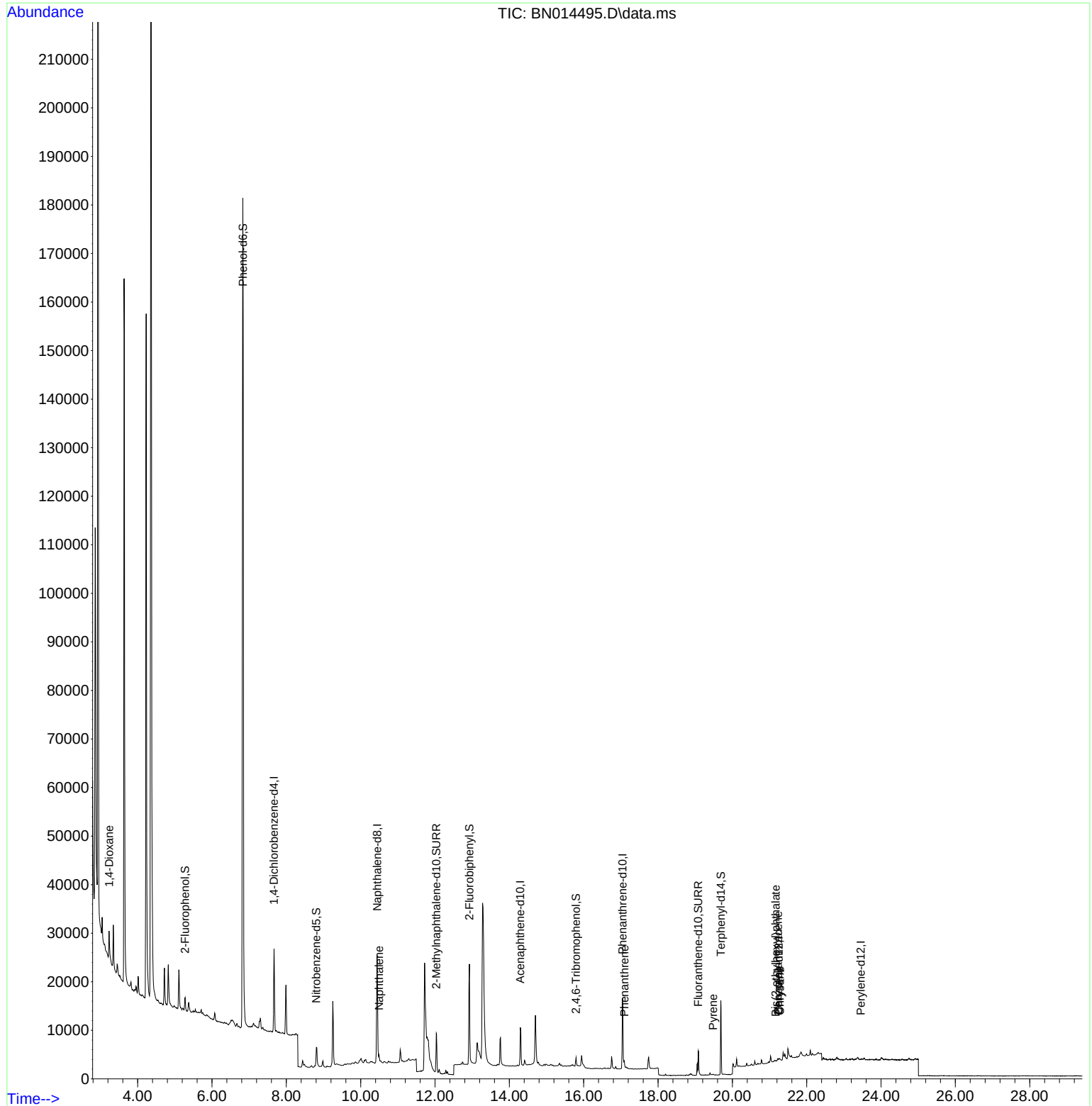
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.668	152	8394	0.40	ng	0.00
7) Naphthalene-d8	10.442	136	30805	0.40	ng	# 0.00
13) Acenaphthene-d10	14.296	164	4840	0.40	ng	0.00
19) Phenanthrene-d10	17.043	188	21204	0.40	ng	0.00
29) Chrysene-d12	21.250	240	323	0.40	ng	# 0.00
35) Perylene-d12	23.455	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
9) Naphthalene	10.492	128	1793	0.02	ng	# 82
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

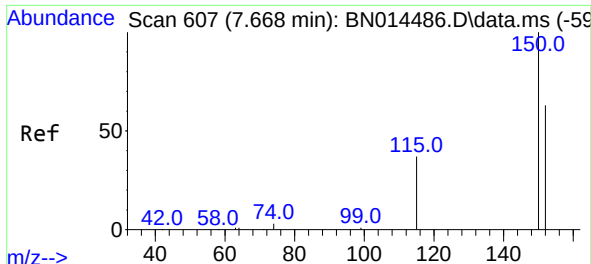
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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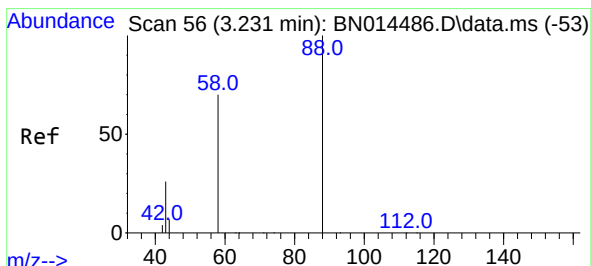
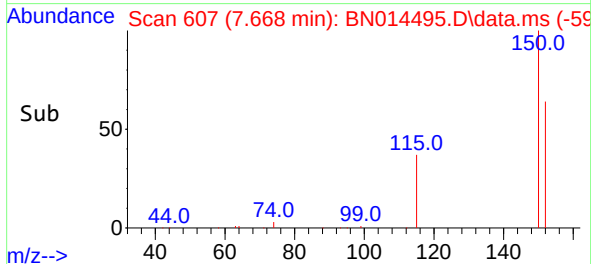
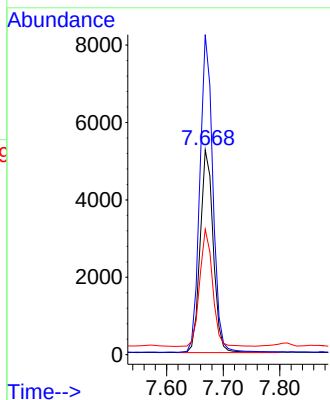
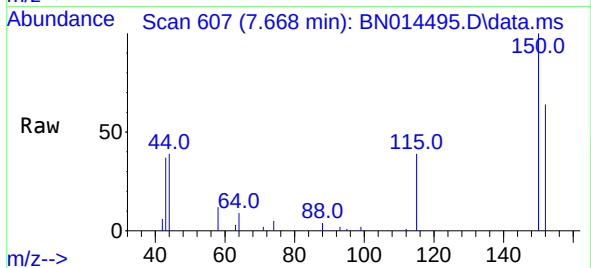


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.668 min Scan# 607
 Delta R.T. 0.000 min
 Lab File: BN014495.D
 Acq: 29 Apr 2021 18:20

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

Tgt Ion:152 Resp: 8394

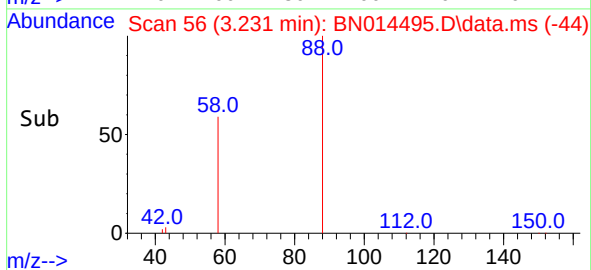
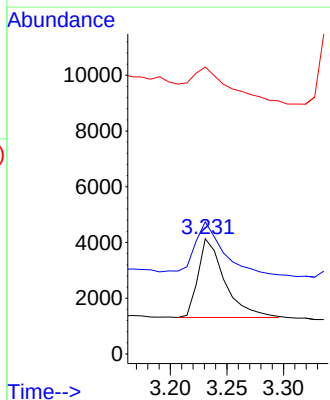
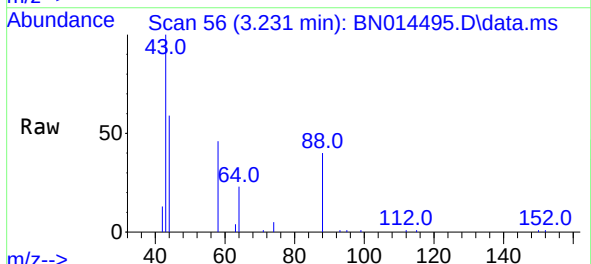
Ion	Ratio	Lower	Upper
152	100		
150	156.3	126.6	189.8
115	61.3	47.7	71.5

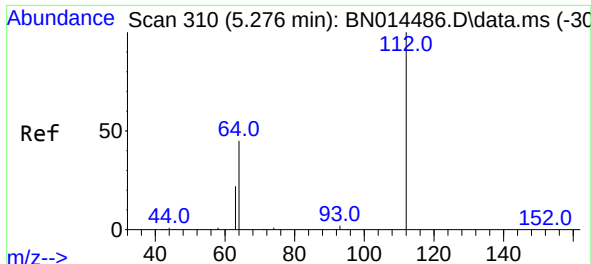


#2
 1,4-Dioxane
 Concen: 0.49 ng
 RT: 3.231 min Scan# 56
 Delta R.T. 0.000 min
 Lab File: BN014495.D
 Acq: 29 Apr 2021 18:20

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

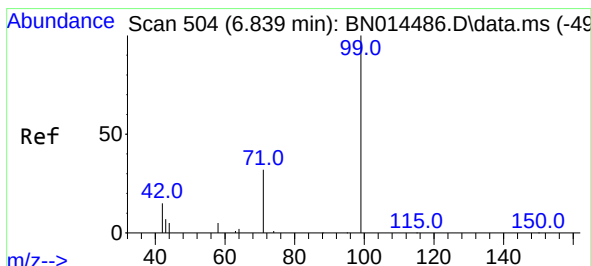
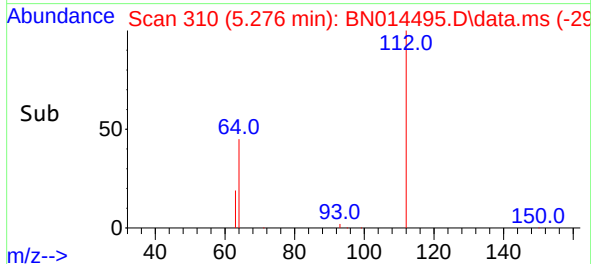
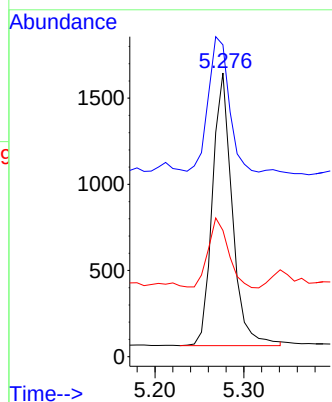
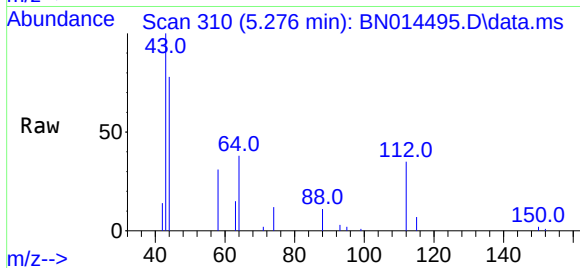




#4
2-Fluorophenol
Concen: 0.16 ng
RT: 5.276 min Scan# 310
Delta R.T. 0.000 min
Lab File: BN014495.D
Acq: 29 Apr 2021 18:20

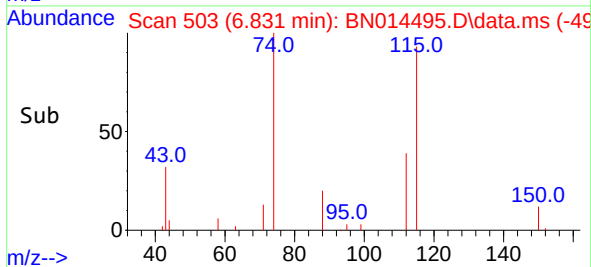
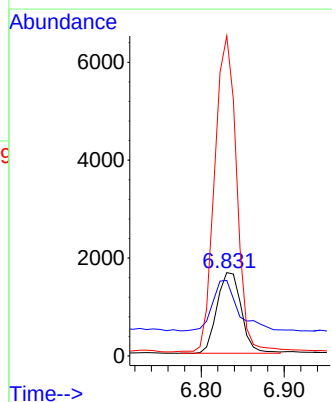
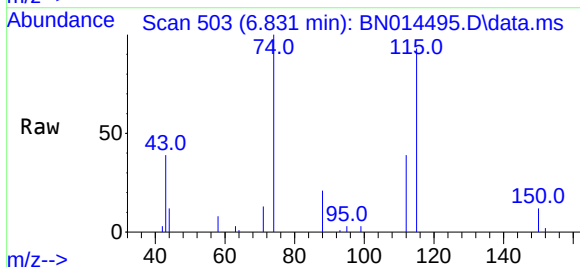
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-378-380

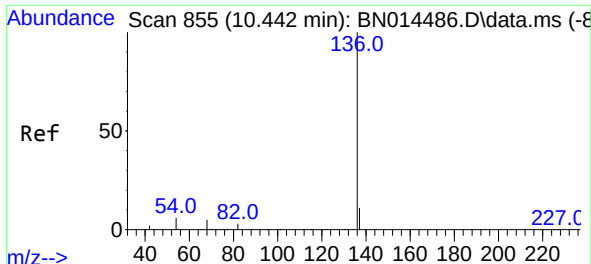
Tgt Ion:112 Resp: 2448
Ion Ratio Lower Upper
112 100
64 52.0 42.4 63.6
63 26.0 22.2 33.4



#5
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

Tgt Ion: 99 Resp: 3351
Ion Ratio Lower Upper
99 100
42 65.6 13.8 20.8#
71 356.0 26.0 39.0#

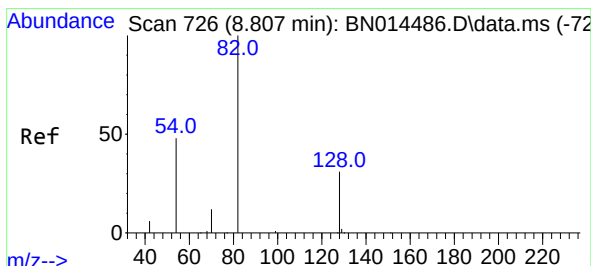
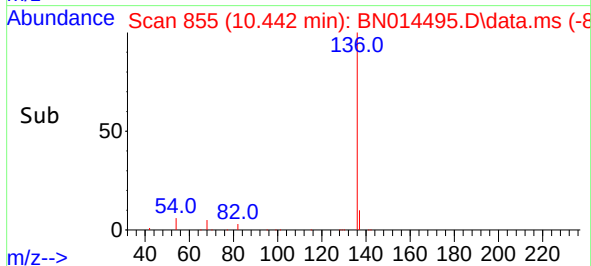
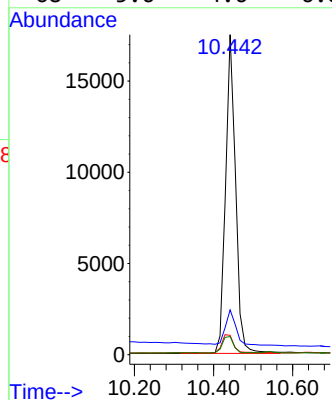
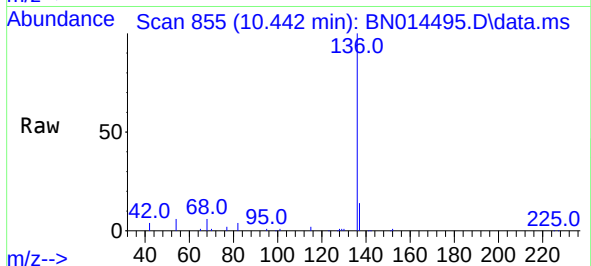




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.442 min Scan# 855
Delta R.T. 0.000 min
Lab File: BN014495.D
Acq: 29 Apr 2021 18:20

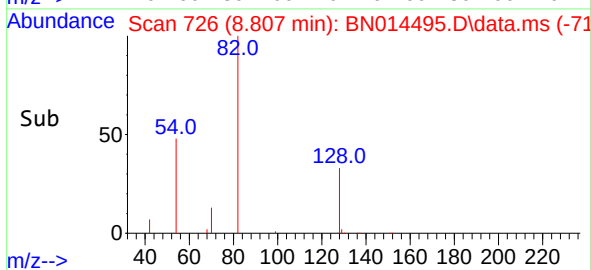
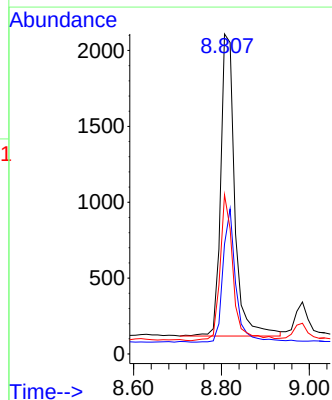
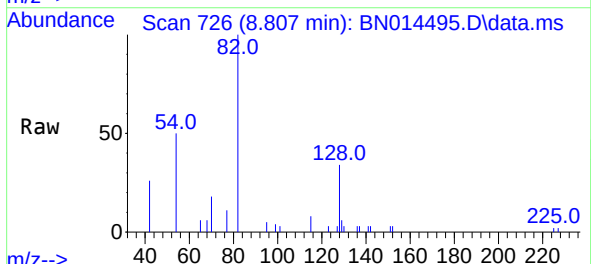
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-378-380

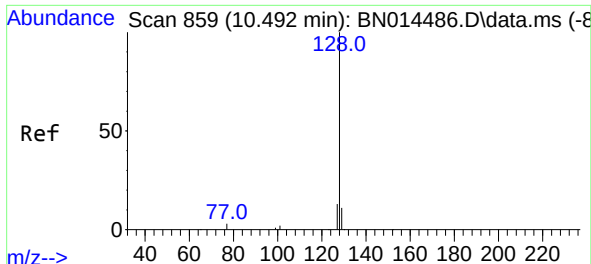
Tgt Ion:	136	Resp:	30805
Ion Ratio	Lower	Upper	
136	100		
137	14.0	9.0	13.6#
54	6.1	4.8	7.2
68	5.6	4.6	6.8



#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

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

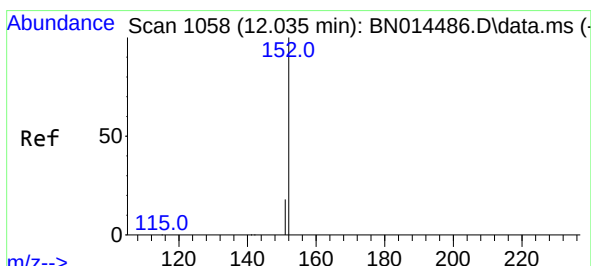
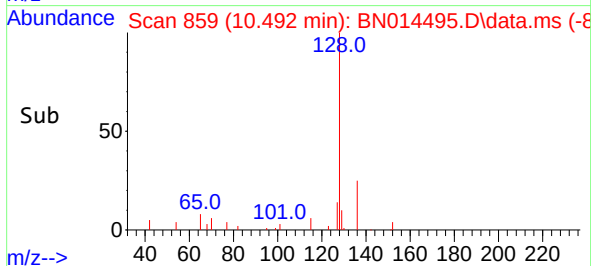
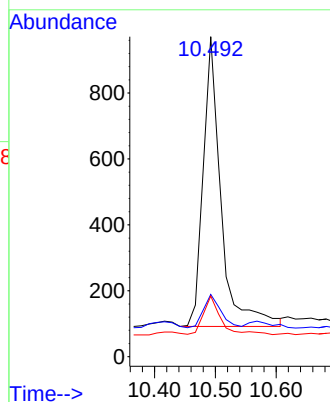
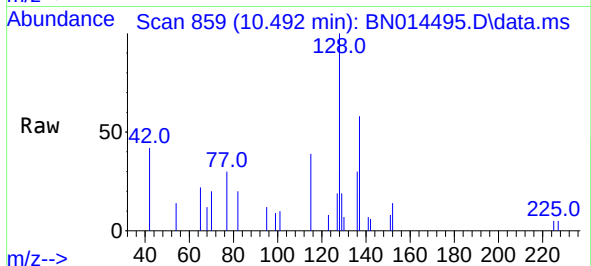




#9
Naphthalene
Concen: 0.02 ng
RT: 10.492 min Scan# 859
Delta R.T. 0.000 min
Lab File: BN014495.D
Acq: 29 Apr 2021 18:20

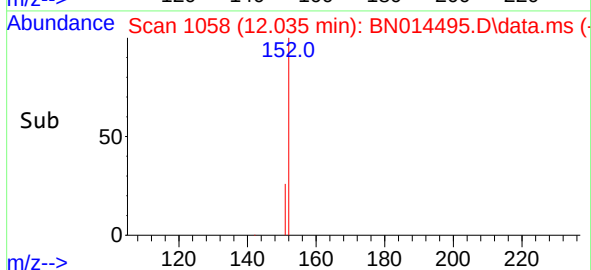
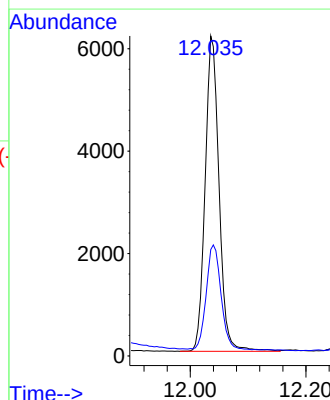
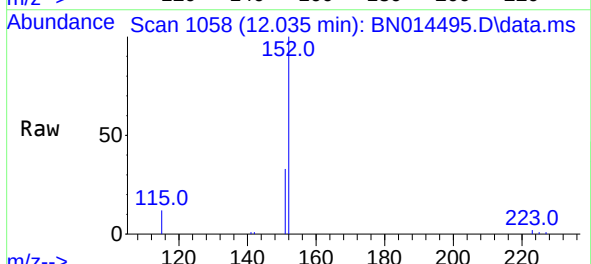
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-378-380

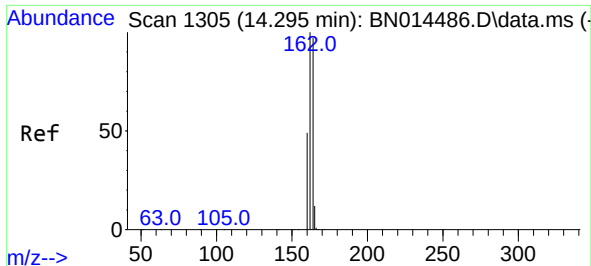
Tgt Ion:128 Resp: 1793
Ion Ratio Lower Upper
128 100
129 19.5 9.0 13.6#
127 18.9 10.2 15.4#



#11
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

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

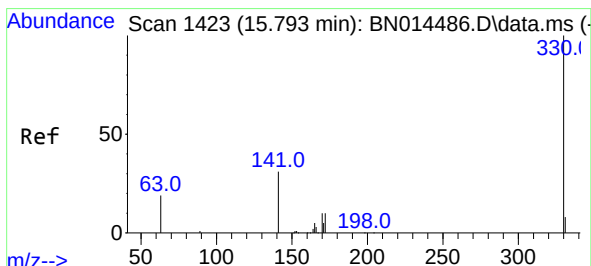
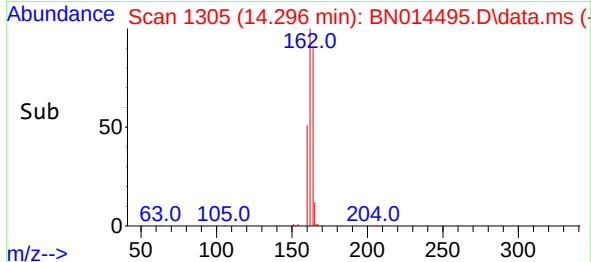
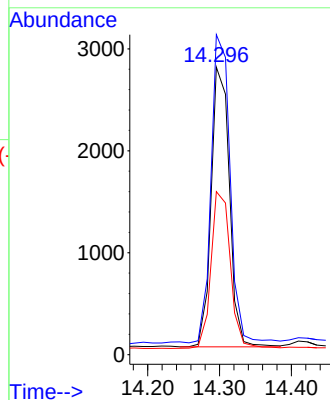
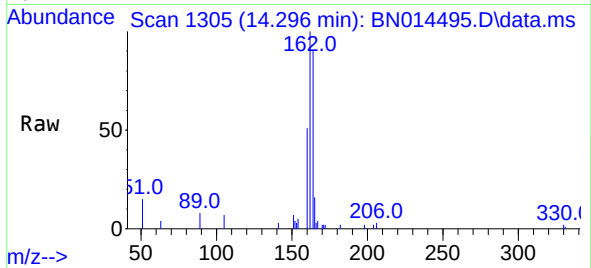




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.296 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BN014495.D
Acq: 29 Apr 2021 18:20

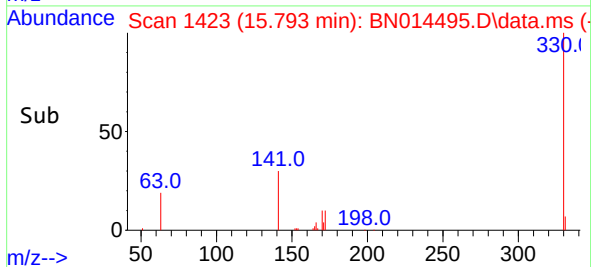
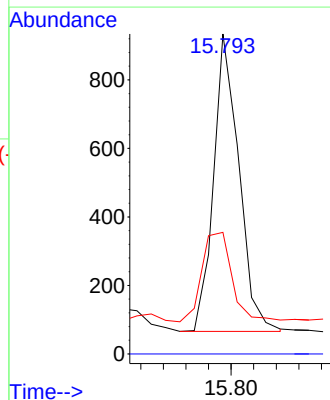
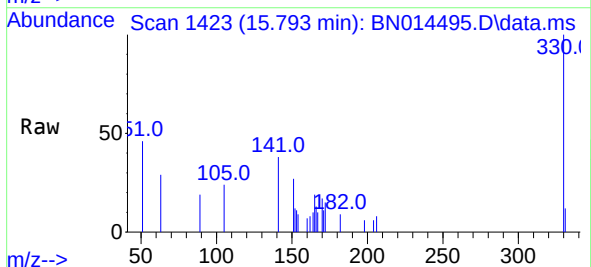
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ClientSampleId :
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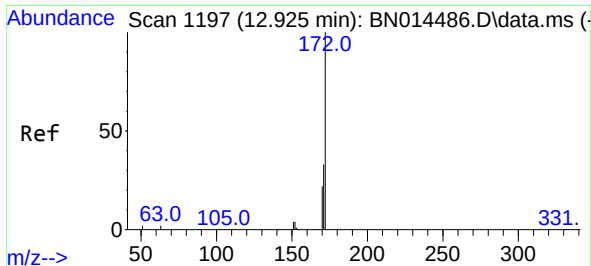
Tgt Ion:164 Resp: 4840
Ion Ratio Lower Upper
164 100
162 111.3 82.4 123.6
160 56.7 40.5 60.7



#14
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

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



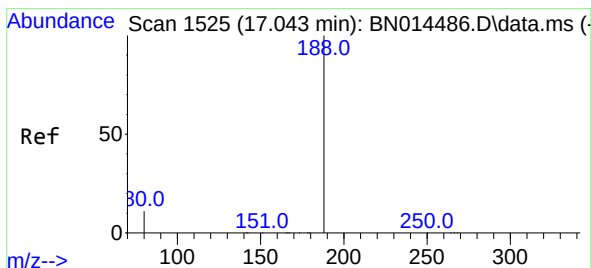
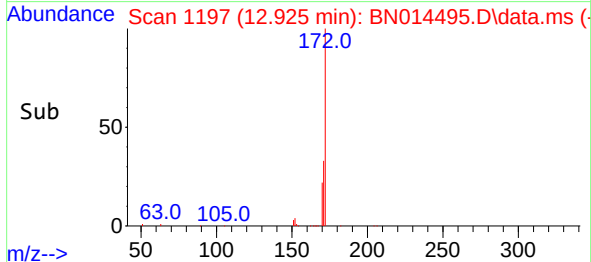
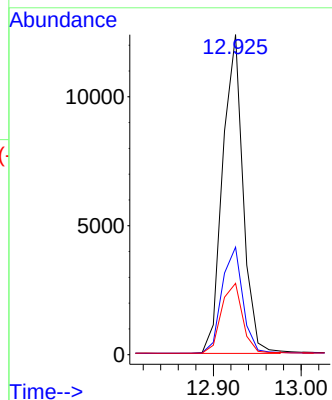
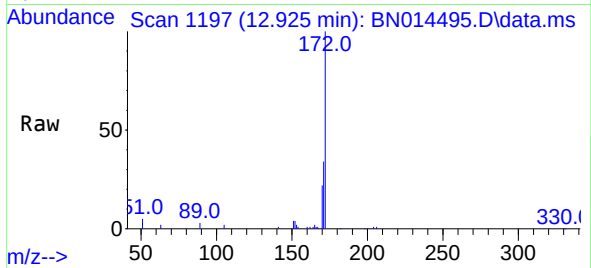


#15
2-Fluorobiphenyl
Concen: 1.05 ng
RT: 12.925 min Scan# 1197
Delta R.T. 0.000 min
Lab File: BN014495.D
Acq: 29 Apr 2021 18:20

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

Tgt Ion:172 Resp: 19926

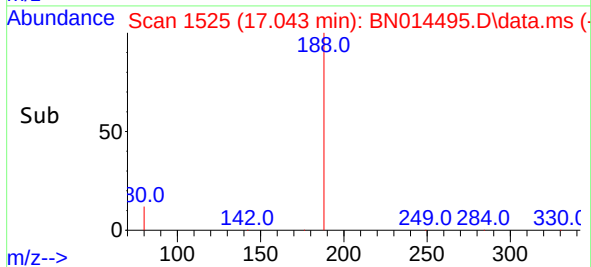
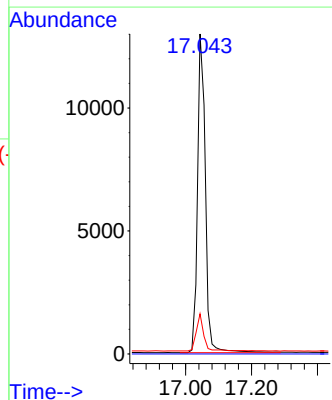
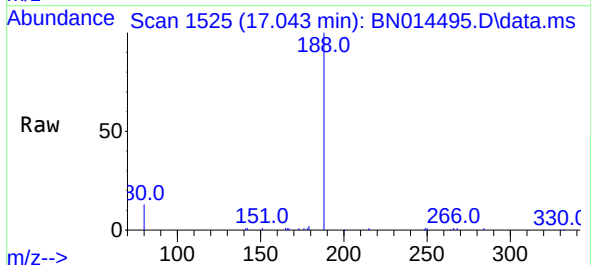
Ion	Ratio	Lower	Upper
172	100		
171	33.6	26.6	40.0
170	22.3	18.2	27.2

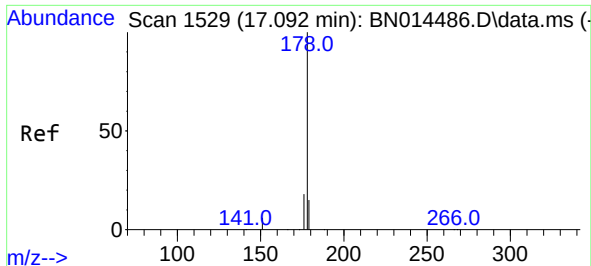


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.043 min Scan# 1525
Delta R.T. 0.000 min
Lab File: BN014495.D
Acq: 29 Apr 2021 18:20

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

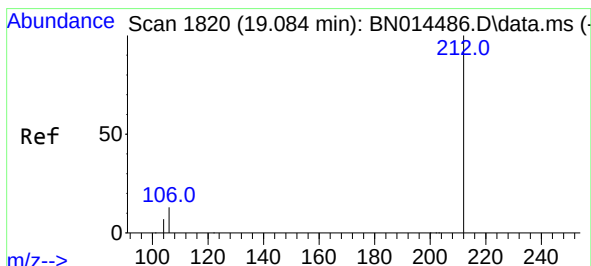
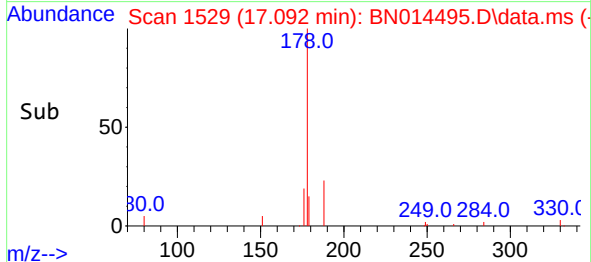
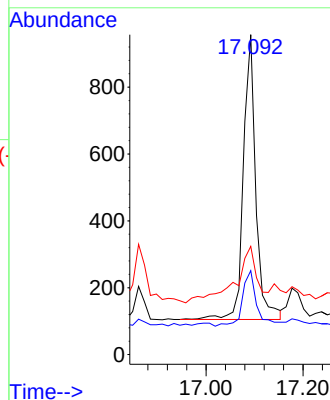
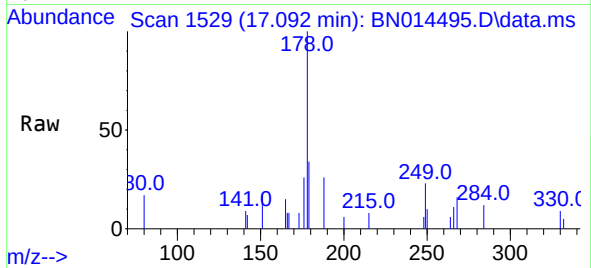




#25
Phenanthrene
Concen: 0.02 ng
RT: 17.092 min Scan# 1529
Delta R.T. 0.000 min
Lab File: BN014495.D
Acq: 29 Apr 2021 18:20

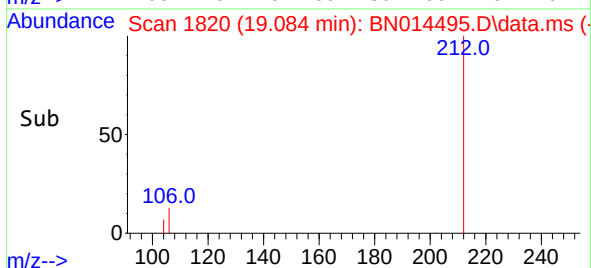
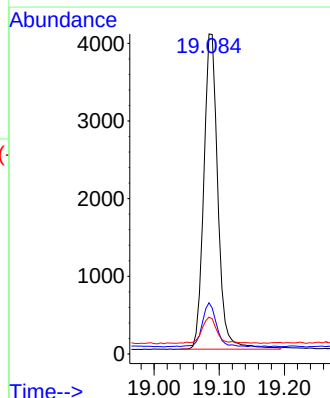
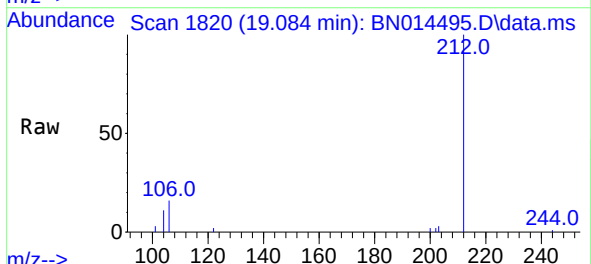
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-378-380

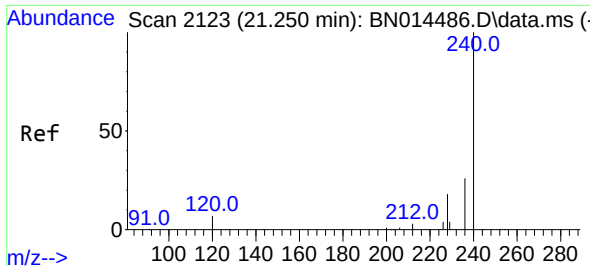
Tgt Ion:	178	Resp:	1526
Ion	Ratio	Lower	Upper
178	100		
176	22.3	15.1	22.7
179	34.9	12.2	18.4#



#27
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

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#

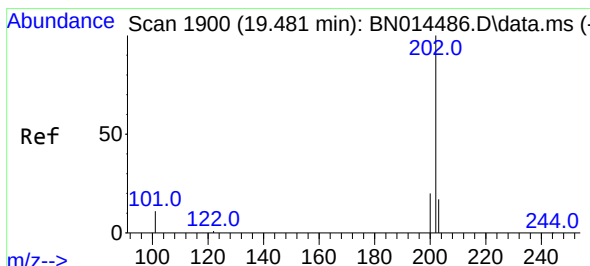
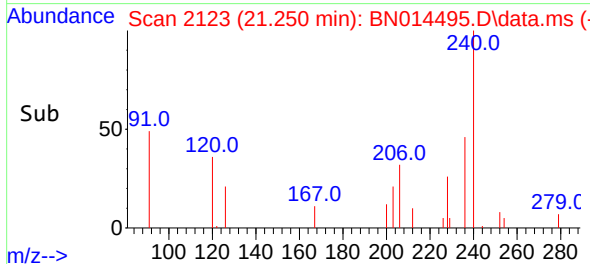
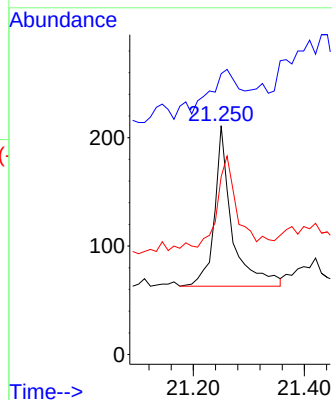
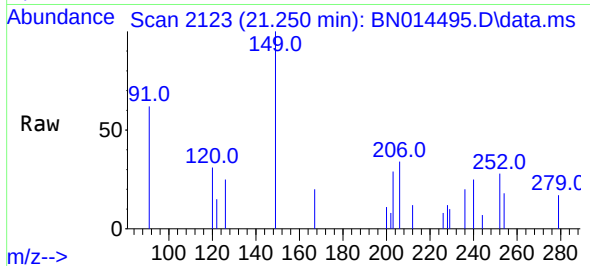




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.250 min Scan# 2123
Delta R.T. 0.000 min
Lab File: BN014495.D
Acq: 29 Apr 2021 18:20

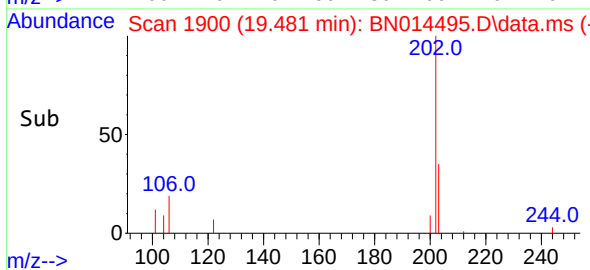
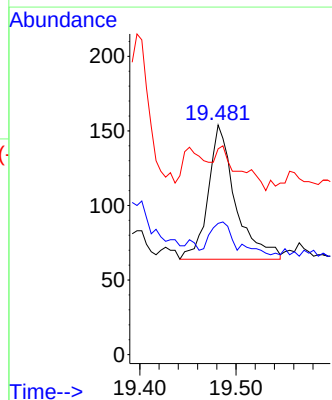
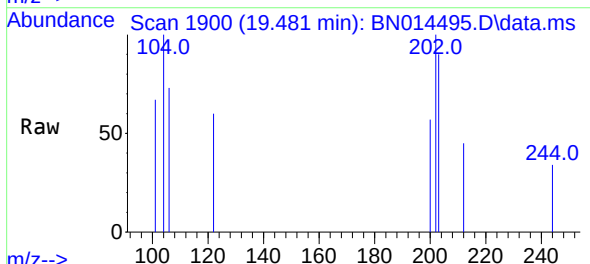
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-378-380

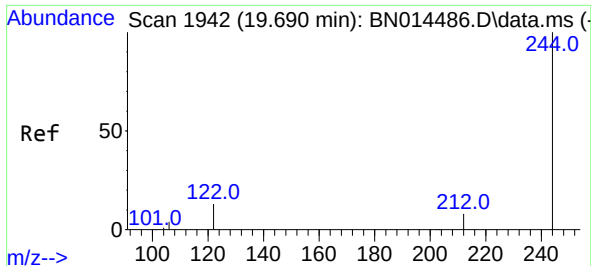
Tgt Ion:240 Resp: 323
Ion Ratio Lower Upper
240 100
120 122.7 6.3 9.5#
236 77.7 20.9 31.3#



#30
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

Tgt Ion:202 Resp: 177
Ion Ratio Lower Upper
202 100
200 22.6 16.4 24.6
203 26.6 13.9 20.9#

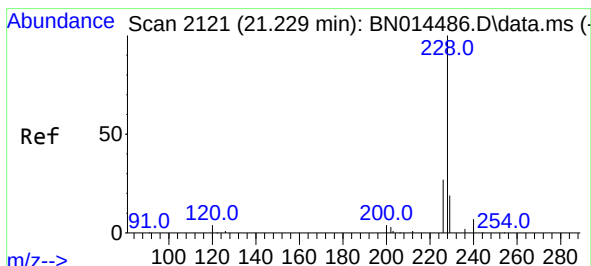
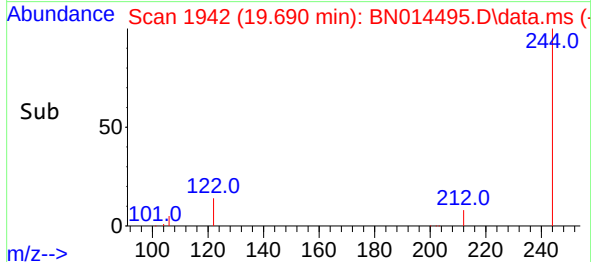
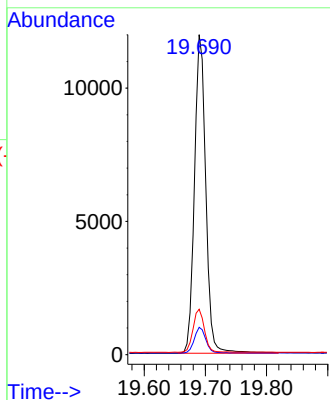
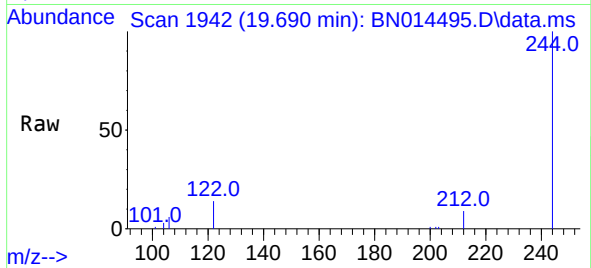




#31
Terphenyl-d14
Concen: 20.66 ng
RT: 19.690 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BN014495.D
Acq: 29 Apr 2021 18:20

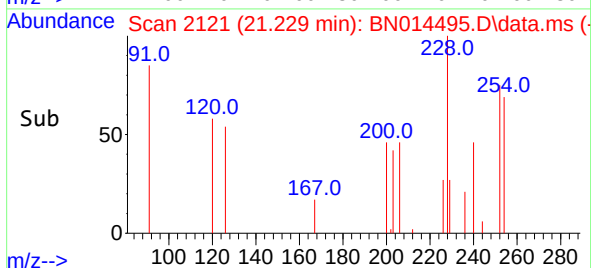
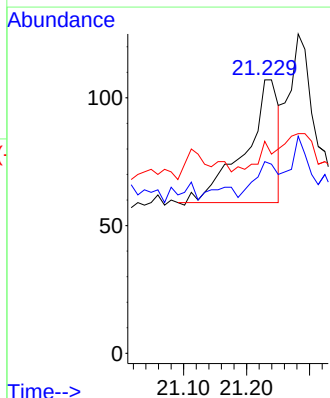
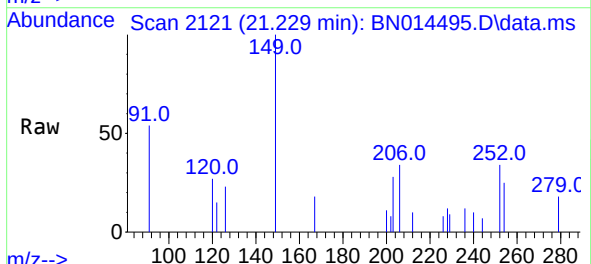
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-378-380

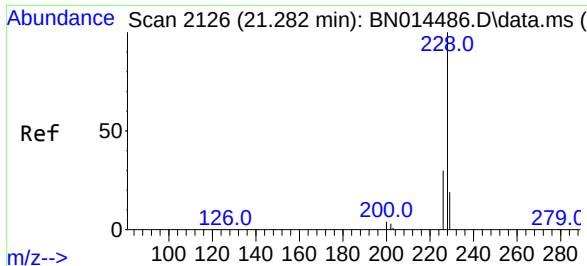
Tgt Ion:244 Resp: 15362
Ion Ratio Lower Upper
244 100
212 8.6 6.3 9.5
122 14.2 10.6 16.0



#32
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

Tgt Ion:228 Resp: 176
Ion Ratio Lower Upper
228 100
226 70.1 21.8 32.8#
229 77.6 15.8 23.6#

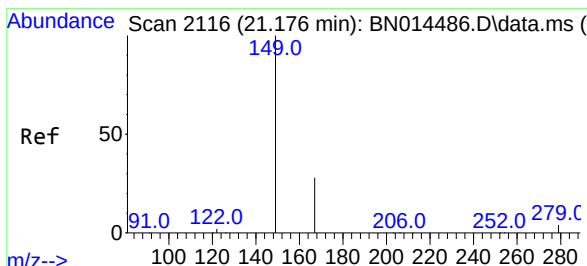
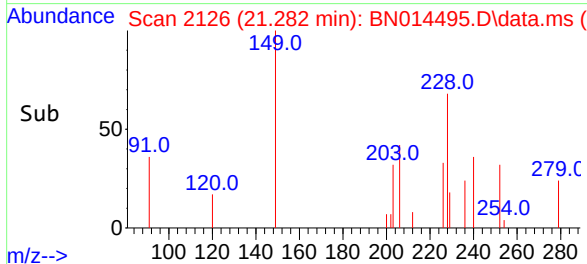
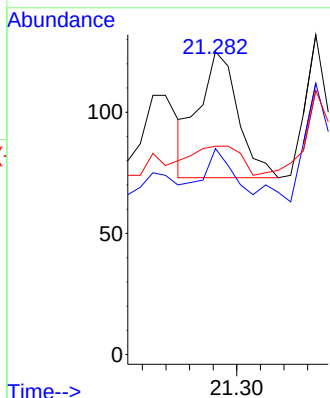
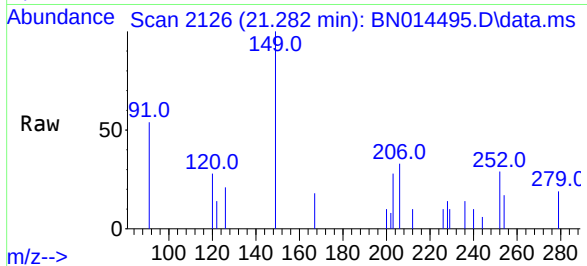




#33
Chrysene
Concen: 0.11 ng
RT: 21.282 min Scan# 2126
Delta R.T. 0.000 min
Lab File: BN014495.D
Acq: 29 Apr 2021 18:20

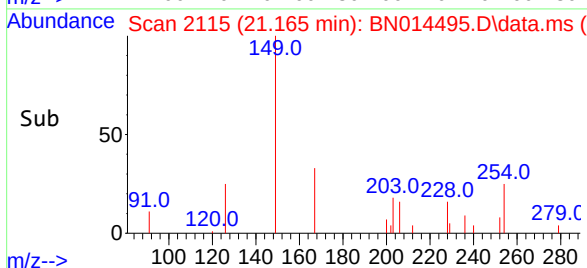
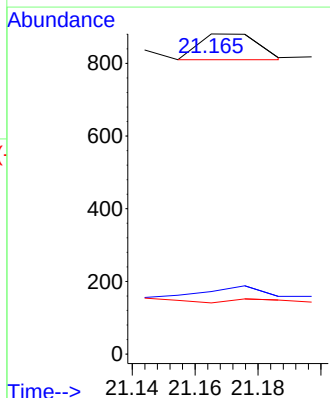
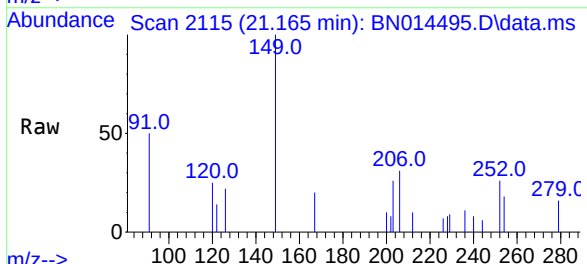
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-378-380

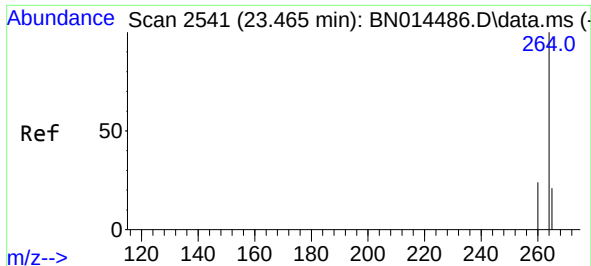
Tgt Ion:228 Resp: 120
Ion Ratio Lower Upper
228 100
226 68.0 23.9 35.9#
229 68.8 15.5 23.3#



#34
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

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#





#35
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

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

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#

