

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112320\
 Data File : BN012702.D
 Acq On : 23 Nov 2020 18:18
 Operator : CG/JU
 Sample : L4787-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB178-GW-718-720

Quant Time: Nov 24 01:54:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN110420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 23 12:44:50 2020
 Response via : Initial Calibration

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

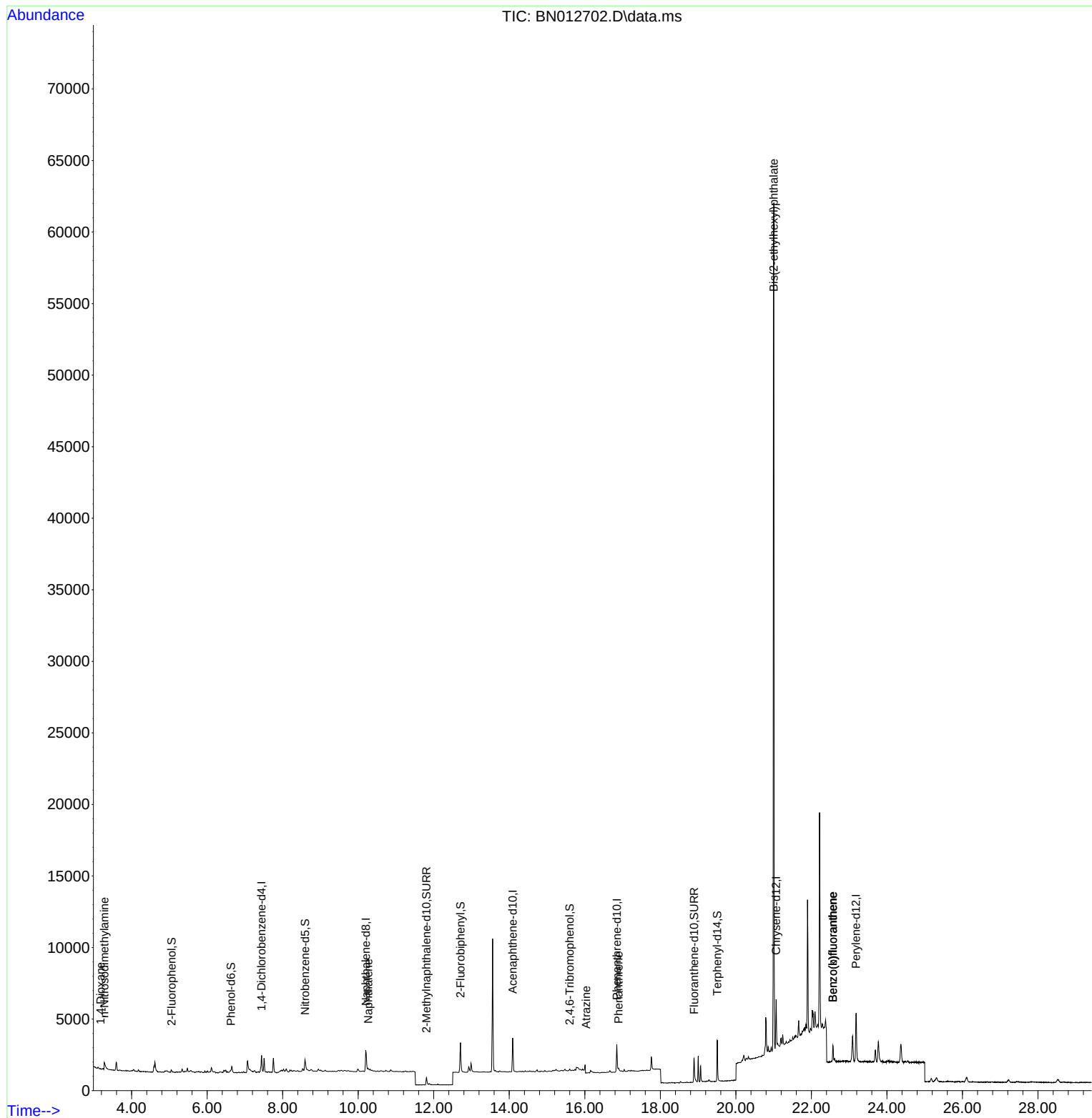
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.441	152	568	0.40	ng	# 0.00
7) Naphthalene-d8	10.199	136	2342	0.40	ng	# 0.00
13) Acenaphthene-d10	14.090	164	1315	0.40	ng	0.00
19) Phenanthrene-d10	16.847	188	2786	0.40	ng	# 0.00
29) Chrysene-d12	21.067	240	3380	0.40	ng	# 0.00
36) Perylene-d12	23.183	264	4244	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.057	112	106	0.05	ng	0.00
5) Phenol-d6	6.628	99	118	0.05	ng	0.00
8) Nitrobenzene-d5	8.590	82	868	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	11.807	152	850	0.22	ng	0.00
14) 2,4,6-Tribromophenol	15.600	330	68	0.07	ng	0.00
15) 2-Fluorobiphenyl	12.708	172	1908	0.37	ng	0.00
27) Fluoranthene-d10	18.894	212	2132	0.25	ng	0.00
31) Terphenyl-d14	19.509	244	3085	0.38	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.181	88	30	0.03	ng	# 42
3) n-Nitrosodimethylamine	3.278	42	160	0.07	ng	# 20
9) Naphthalene	10.263	128	240	0.04	ng	# 25
23) Atrazine	16.031	200	141	0.08	ng	# 1
25) Phenanthrene	16.895	178	375	0.05	ng	95
34) Bis(2-ethylhexyl)phtha...	21.004	149	63425	8.69	ng	# 88
37) Benzo(b)fluoranthene	22.566	252	315	0.02	ng	# 1
38) Benzo(k)fluoranthene	22.566	252	315	0.02	ng	# 1

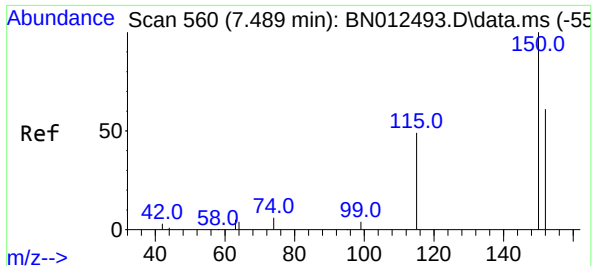
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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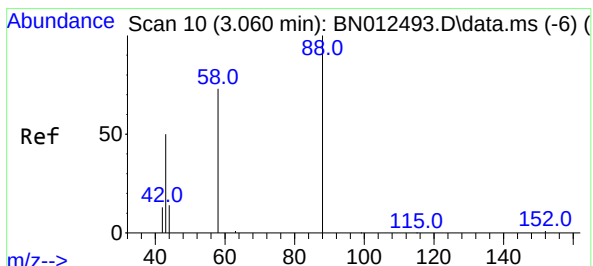
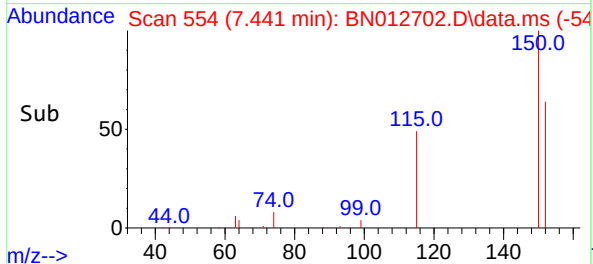
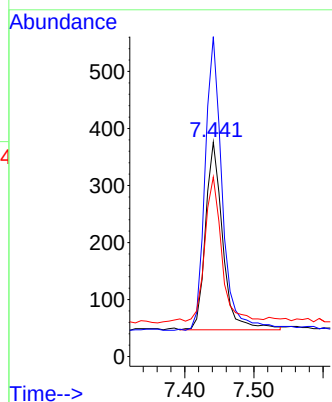
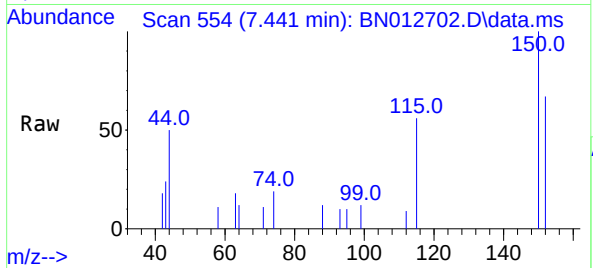




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.441 min Scan# 554
Delta R.T. 0.000 min
Lab File: BN012702.D
Acq: 23 Nov 2020 18:18

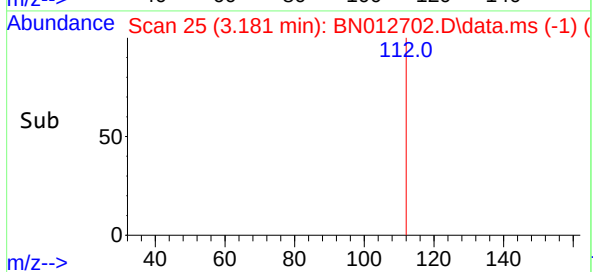
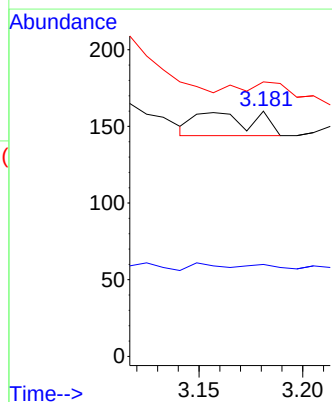
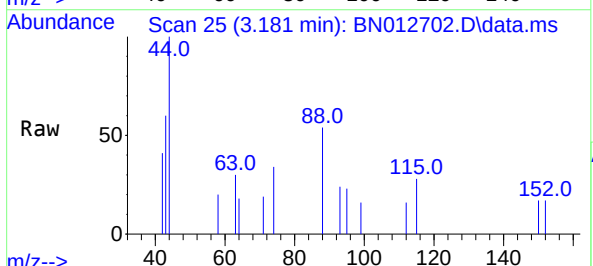
Instrument :
BNA_N
ClientSampleId :
BP-VPB178-GW-718-720

Tgt Ion:152 Resp: 568
Ion Ratio Lower Upper
152 100
150 149.2 116.6 174.8
115 83.8 52.9 79.3#

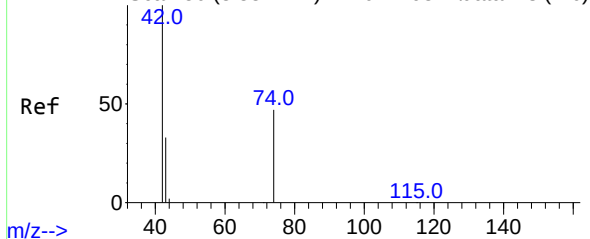


#2
1,4-Dioxane
Concen: 0.03 ng
RT: 3.181 min Scan# 25
Delta R.T. 0.161 min
Lab File: BN012702.D
Acq: 23 Nov 2020 18:18

Tgt Ion: 88 Resp: 30
Ion Ratio Lower Upper
88 100
58 6.7 59.4 89.2#
43 30.0 32.3 48.5#



Abundance Scan 50 (3.382 min): BN012493.D\data.ms (-46)



#3

n-Nitrosodimethylamine

Concen: 0.07 ng

RT: 3.278 min Scan# 37

Delta R.T. -0.072 min

Lab File: BN012702.D

Acq: 23 Nov 2020 18:18

Tgt Ion: 42 Resp: 160

Ion Ratio Lower Upper

42 100

74 14.4 64.4 96.6#

44 67.5 2.8 4.2#

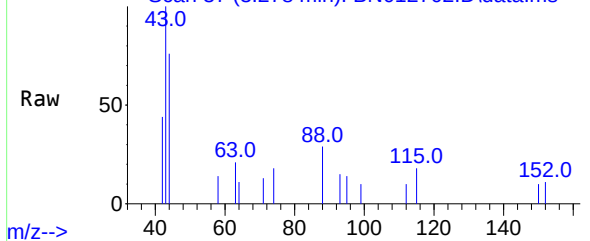
Instrument :

BNA_N

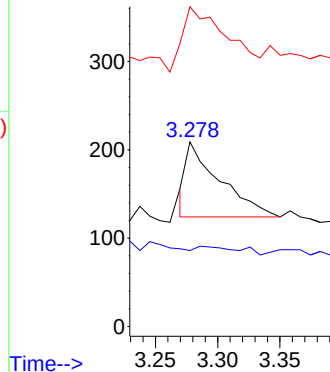
ClientSampleId :

BP-VPB178-GW-718-720

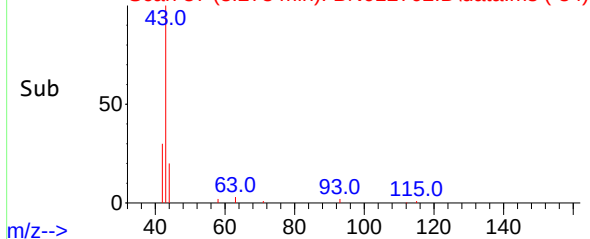
Abundance Scan 37 (3.278 min): BN012702.D\data.ms



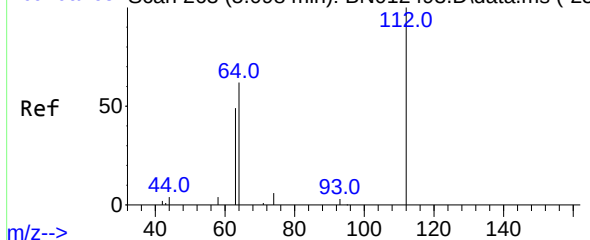
Abundance



Abundance Scan 37 (3.278 min): BN012702.D\data.ms (-34)



Abundance Scan 263 (5.098 min): BN012493.D\data.ms (-25)



#4

2-Fluorophenol

Concen: 0.05 ng

RT: 5.057 min Scan# 258

Delta R.T. -0.000 min

Lab File: BN012702.D

Acq: 23 Nov 2020 18:18

Tgt Ion: 112 Resp: 106

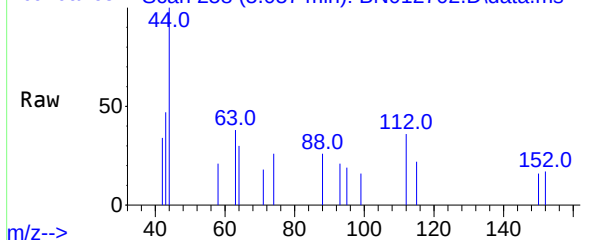
Ion Ratio Lower Upper

112 100

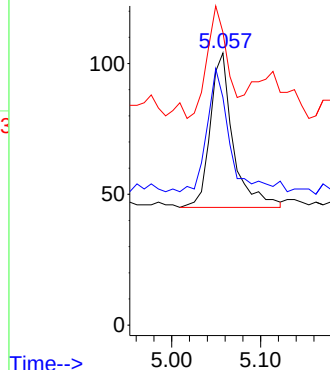
64 86.8 49.5 74.3#

63 67.9 32.0 48.0#

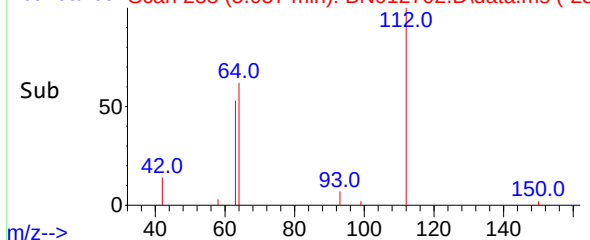
Abundance Scan 258 (5.057 min): BN012702.D\data.ms

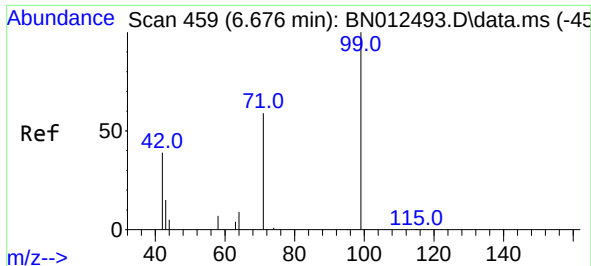


Abundance



Abundance Scan 258 (5.057 min): BN012702.D\data.ms (-23)

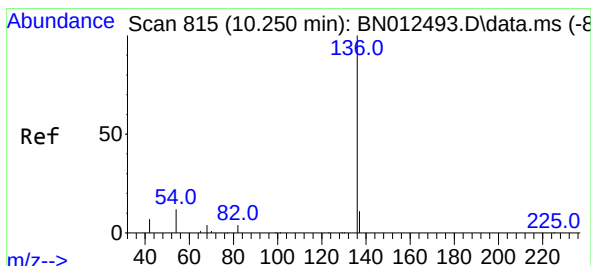
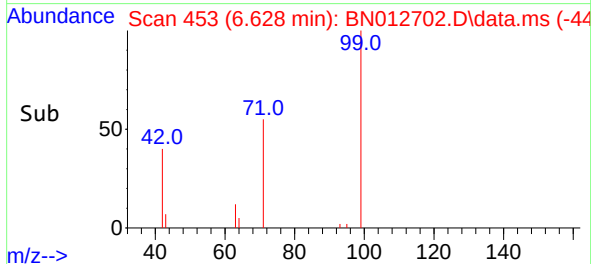
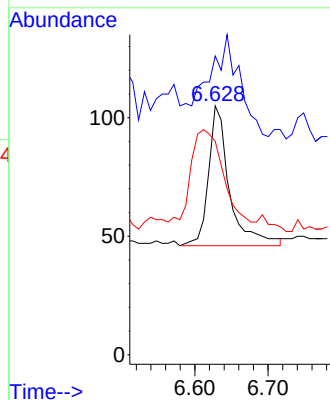
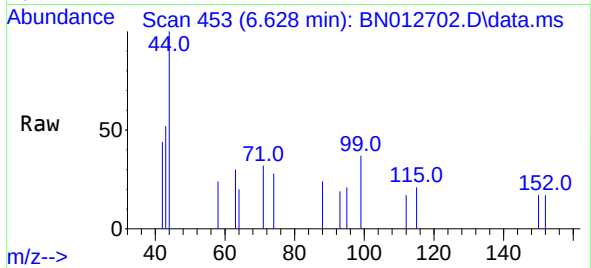




#5
Phenol-d6
Concen: 0.05 ng
RT: 6.628 min Scan# 453
Delta R.T. -0.008 min
Lab File: BN012702.D
Acq: 23 Nov 2020 18:18

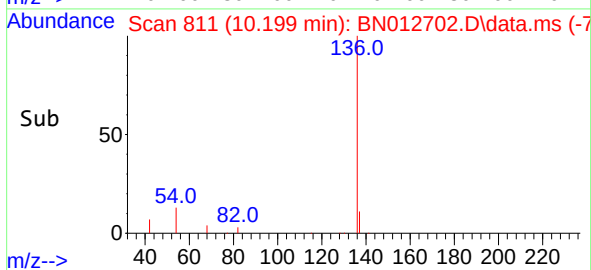
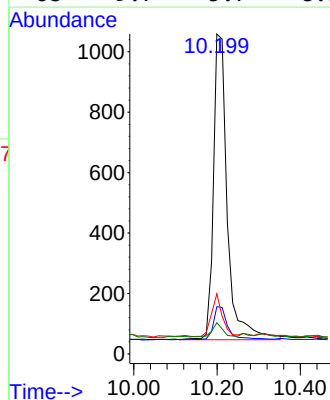
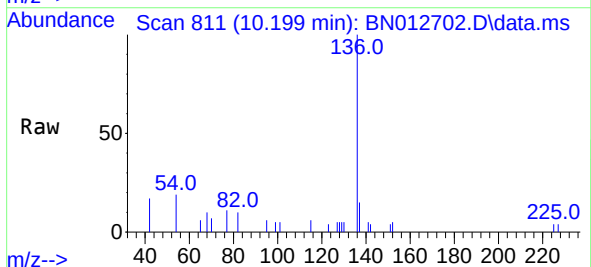
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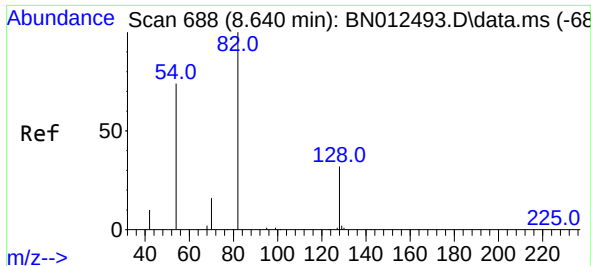
Tgt Ion: 99 Resp: 118
Ion Ratio Lower Upper
99 100
42 0.0 22.4 33.6#
71 95.8 37.8 56.6#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.199 min Scan# 811
Delta R.T. -0.000 min
Lab File: BN012702.D
Acq: 23 Nov 2020 18:18

Tgt Ion: 136 Resp: 2342
Ion Ratio Lower Upper
136 100
137 14.7 10.6 15.8
54 18.8 8.6 12.8#
68 9.7 5.7 8.5#

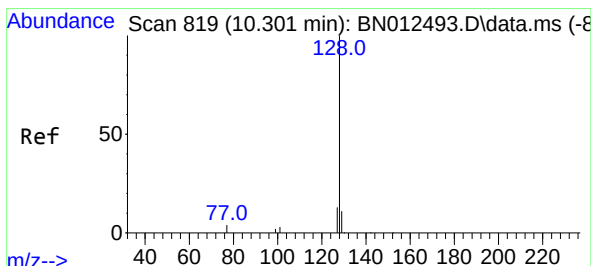
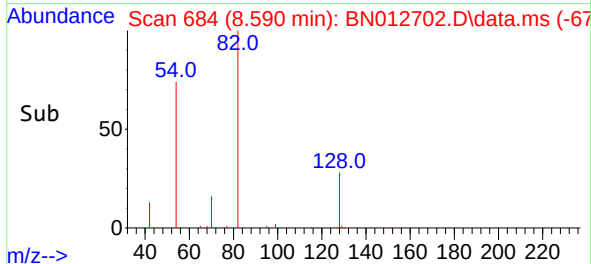
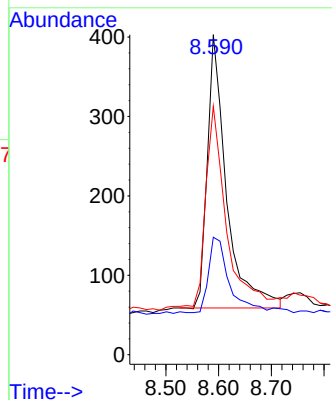
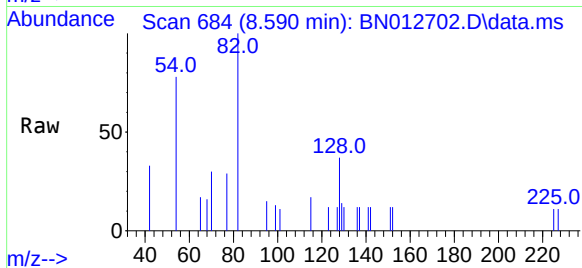




#8
Nitrobenzene-d5
Concen: 0.31 ng
RT: 8.590 min Scan# 684
Delta R.T. -0.000 min
Lab File: BN012702.D
Acq: 23 Nov 2020 18:18

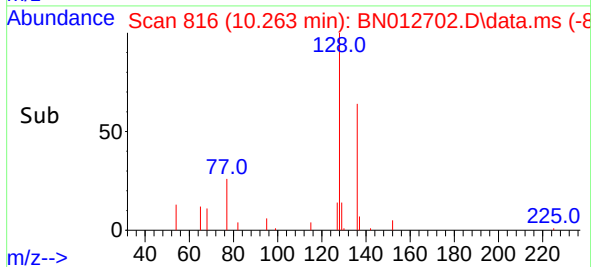
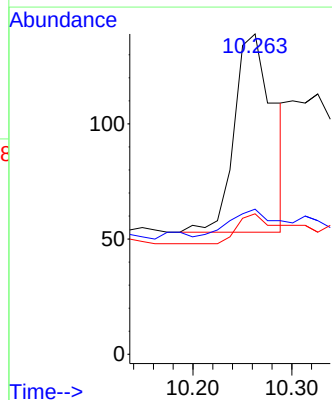
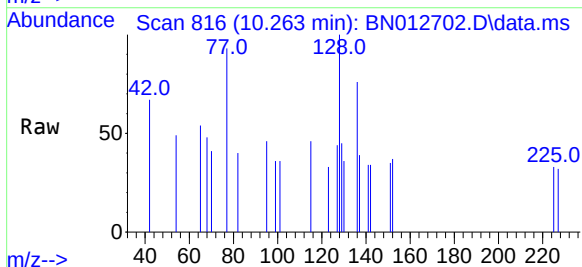
Instrument :
BNA_N
ClientSampleId :
BP-VPB178-GW-718-720

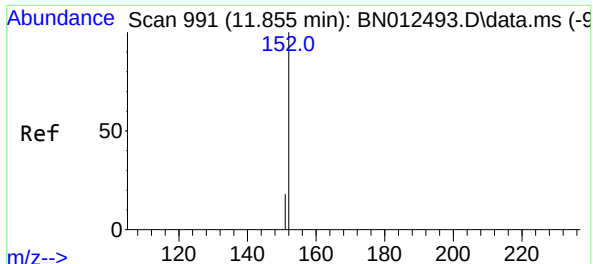
Tgt Ion:	82	Resp:	868
Ion	Ratio	Lower	Upper
82	100		
128	36.7	30.6	46.0
54	77.7	48.3	72.5#



#9
Naphthalene
Concen: 0.04 ng
RT: 10.263 min Scan# 816
Delta R.T. 0.013 min
Lab File: BN012702.D
Acq: 23 Nov 2020 18:18

Tgt Ion:	128	Resp:	240
Ion	Ratio	Lower	Upper
128	100		
129	45.3	9.8	14.8#
127	43.9	12.2	18.4#

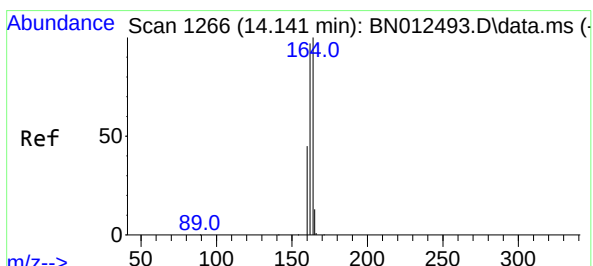
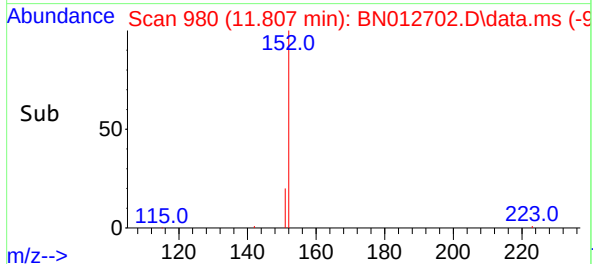
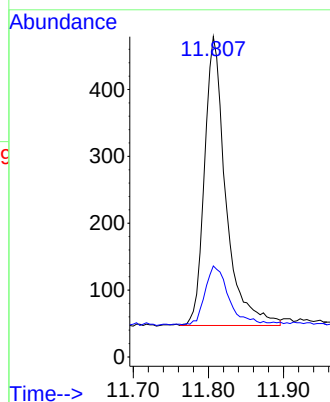
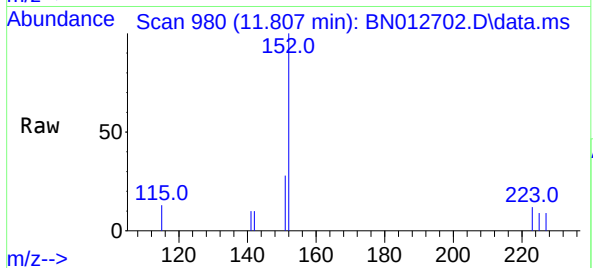




#11
2-Methylnaphthalene-d10
Concen: 0.22 ng
RT: 11.807 min Scan# 980
Delta R.T. -0.000 min
Lab File: BN012702.D
Acq: 23 Nov 2020 18:18

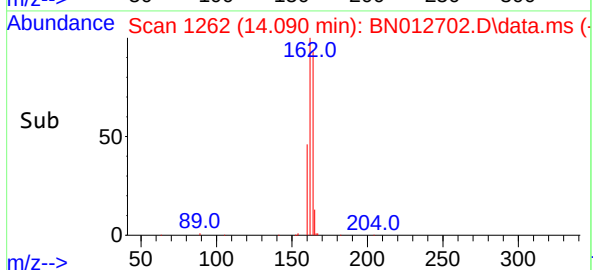
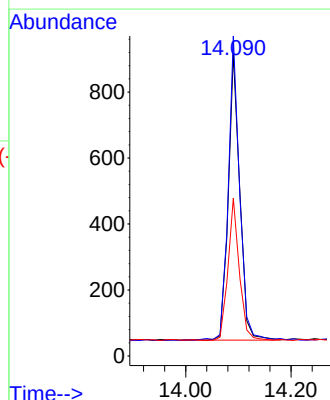
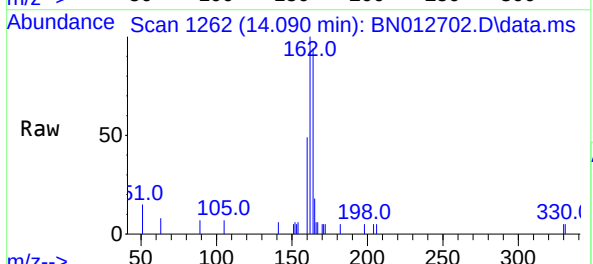
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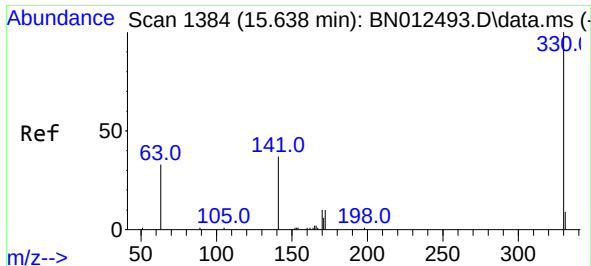
Tgt Ion:152 Resp: 850
Ion Ratio Lower Upper
152 100
151 22.7 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.090 min Scan# 1262
Delta R.T. -0.000 min
Lab File: BN012702.D
Acq: 23 Nov 2020 18:18

Tgt Ion:164 Resp: 1315
Ion Ratio Lower Upper
164 100
162 106.0 80.6 120.8
160 52.3 39.5 59.3

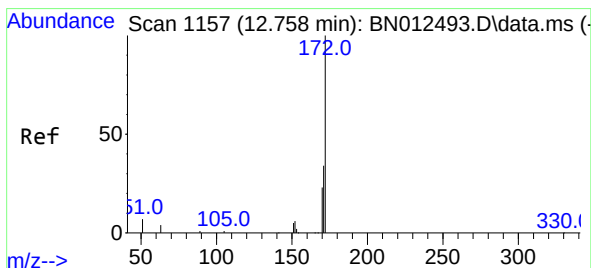
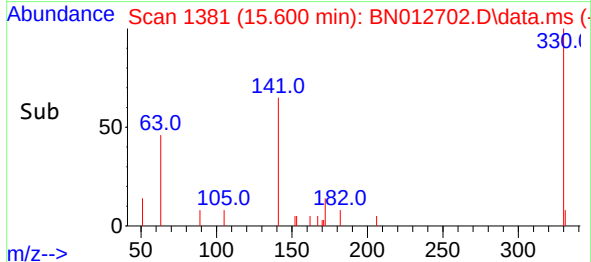
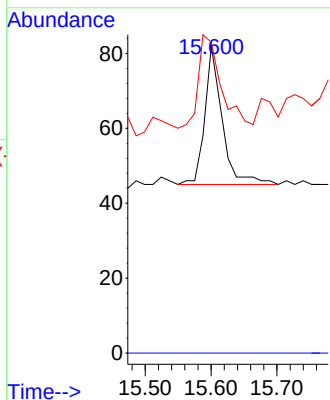
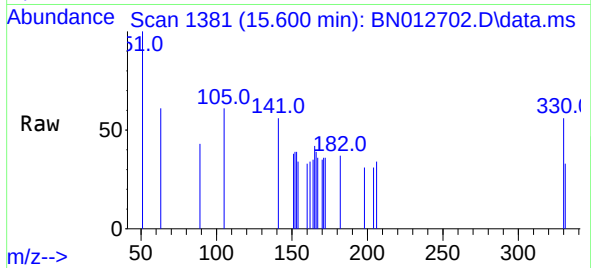




#14
2,4,6-Tribromophenol
Concen: 0.07 ng
RT: 15.600 min Scan# 1381
Delta R.T. -0.000 min
Lab File: BN012702.D
Acq: 23 Nov 2020 18:18

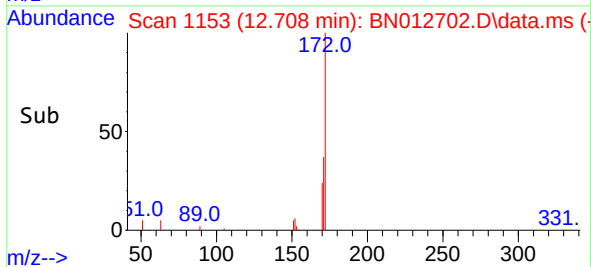
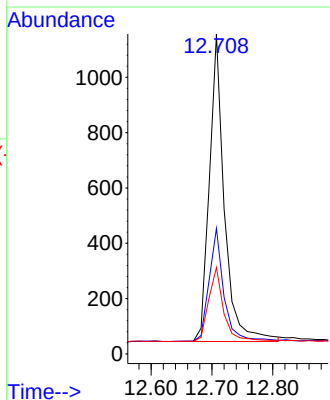
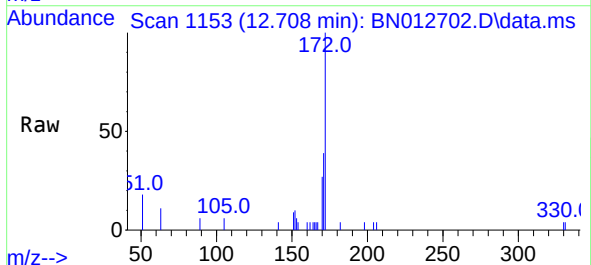
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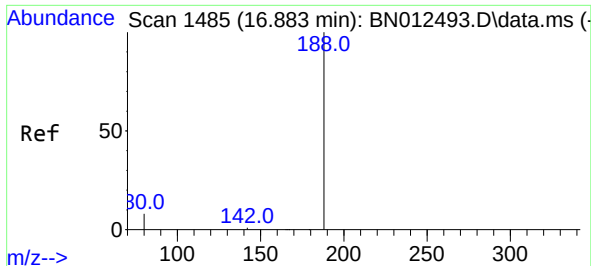
Tgt Ion:330 Resp: 68
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 88.2 34.4 51.6#



#15
2-Fluorobiphenyl
Concen: 0.37 ng
RT: 12.708 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BN012702.D
Acq: 23 Nov 2020 18:18

Tgt Ion:172 Resp: 1908
Ion Ratio Lower Upper
172 100
171 39.2 28.2 42.4
170 27.1 20.0 30.0

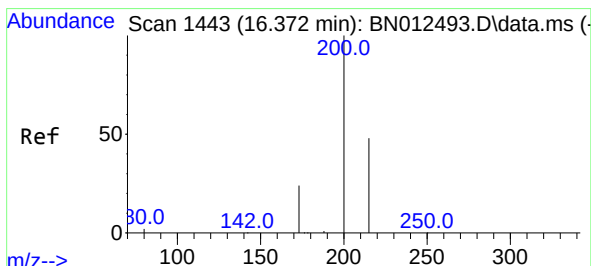
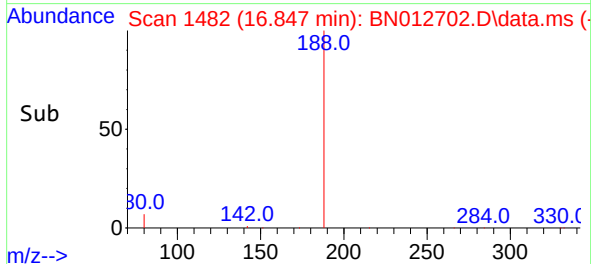
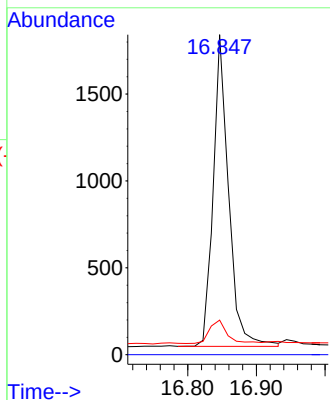
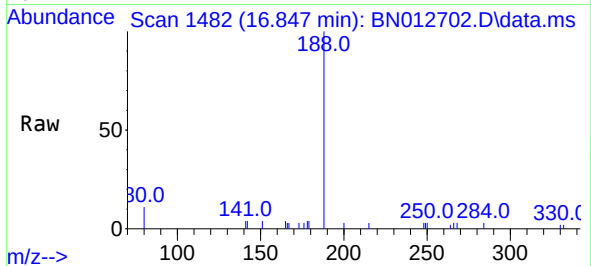




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.847 min Scan# 1482
Delta R.T. -0.000 min
Lab File: BN012702.D
Acq: 23 Nov 2020 18:18

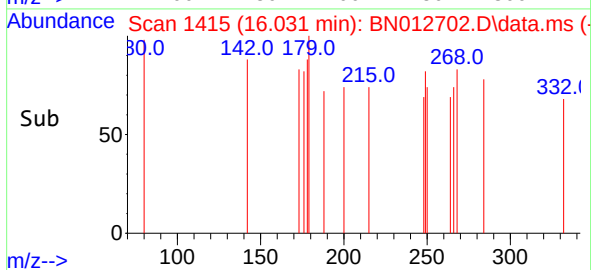
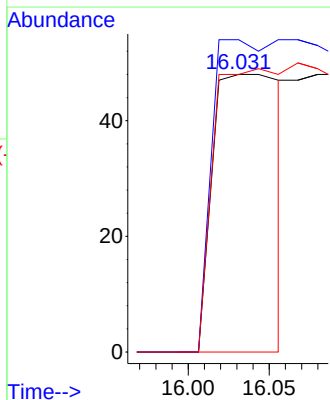
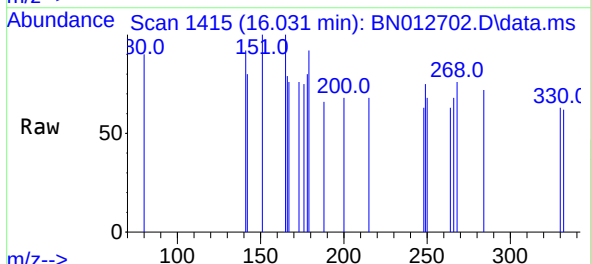
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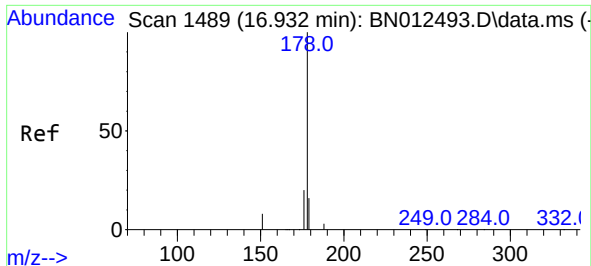
Tgt Ion:188	Resp:	2786
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	10.8	5.0



#23
Atrazine
Concen: 0.08 ng
RT: 16.031 min Scan# 1415
Delta R.T. -0.304 min
Lab File: BN012702.D
Acq: 23 Nov 2020 18:18

Tgt Ion:200	Resp:	141
Ion Ratio	Lower	Upper
200	100	
173	112.5	22.8
215	100.0	38.1

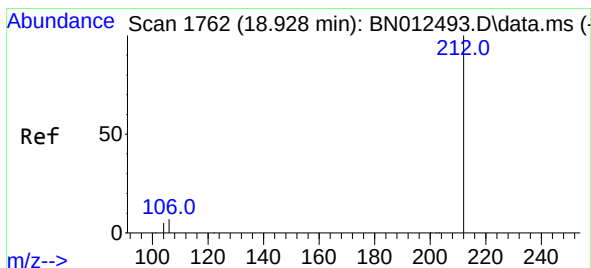
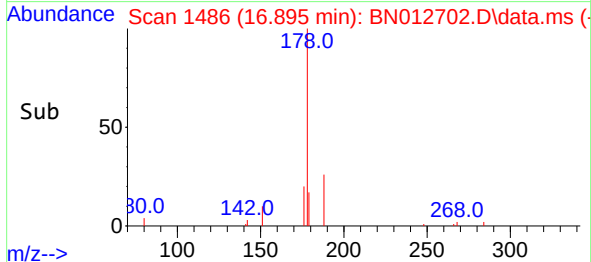
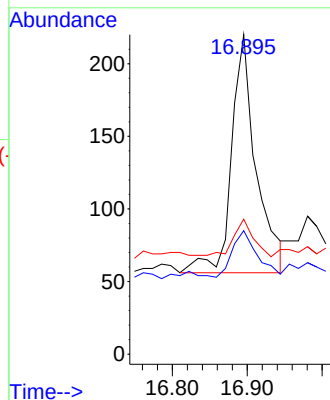
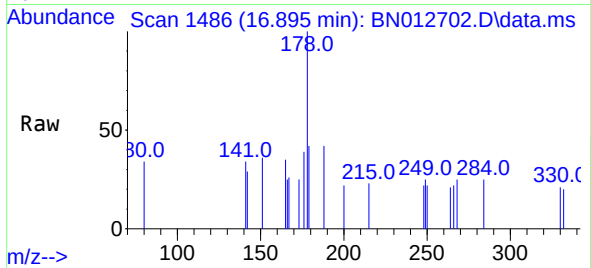




#25
Phenanthrene
Concen: 0.05 ng
RT: 16.895 min Scan# 1486
Delta R.T. 0.012 min
Lab File: BN012702.D
Acq: 23 Nov 2020 18:18

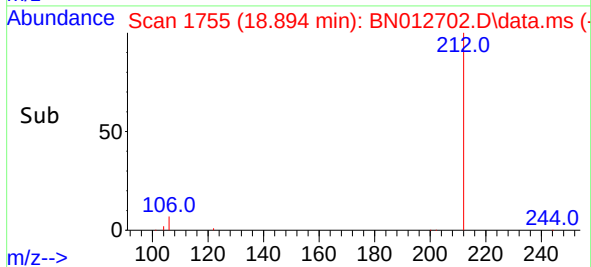
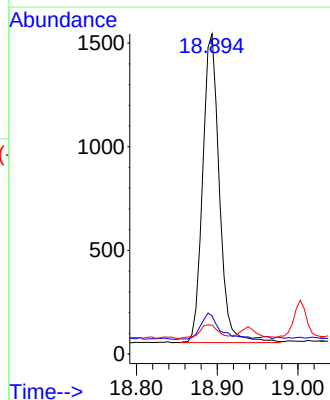
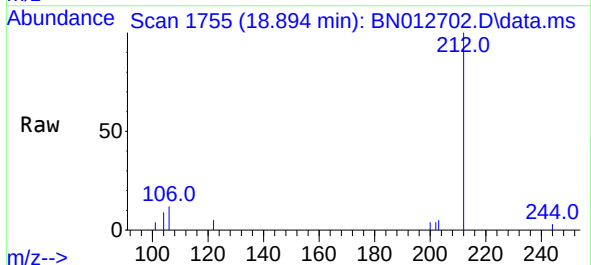
Instrument :
BNA_N
ClientSampleId :
BP-VPB178-GW-718-720

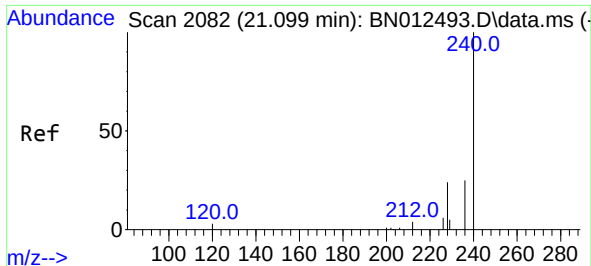
Tgt Ion:	178	Resp:	375
Ion	Ratio	Lower	Upper
178	100		
176	19.7	14.8	22.2
179	12.5	12.4	18.6



#27
Fluoranthene-d10
Concen: 0.25 ng
RT: 18.894 min Scan# 1755
Delta R.T. -0.000 min
Lab File: BN012702.D
Acq: 23 Nov 2020 18:18

Tgt Ion:	212	Resp:	2132
Ion	Ratio	Lower	Upper
212	100		
106	9.8	6.8	10.2
104	5.0	4.1	6.1

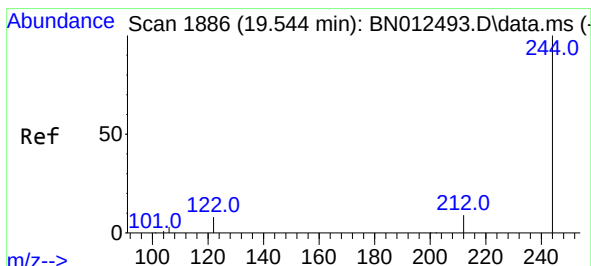
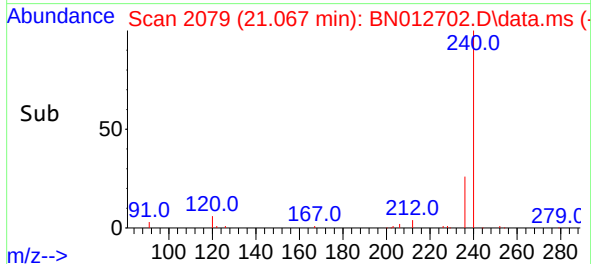
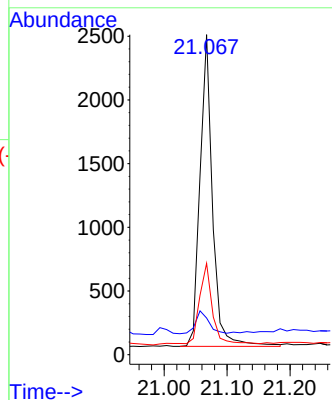
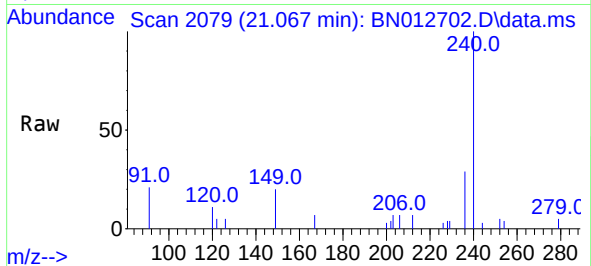




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.067 min Scan# 2079
Delta R.T. -0.000 min
Lab File: BN012702.D
Acq: 23 Nov 2020 18:18

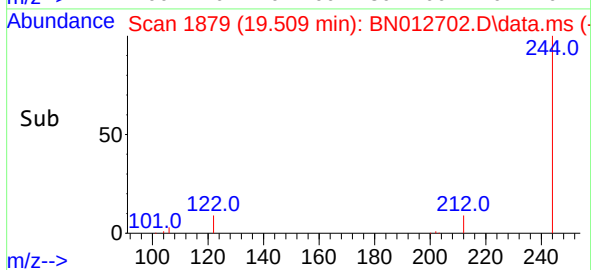
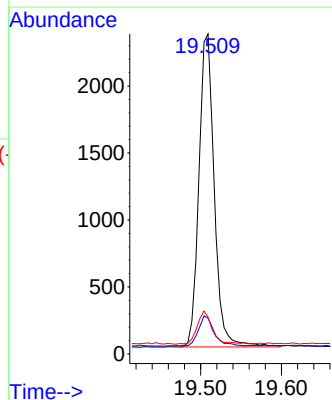
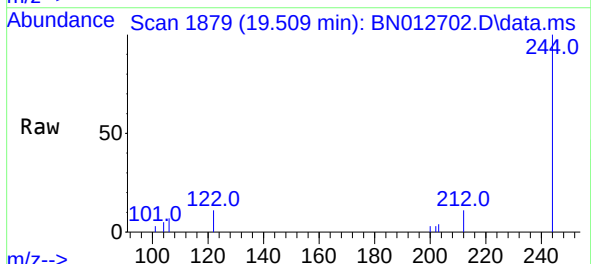
Instrument :
BNA_N
ClientSampleId :
BP-VPB178-GW-718-720

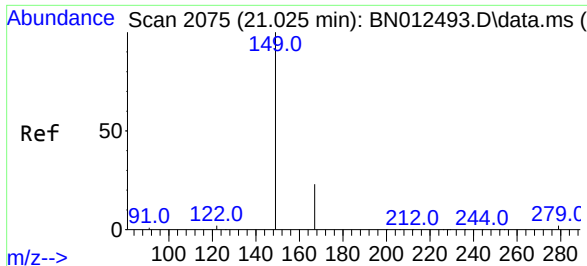
Tgt Ion:240 Resp: 3380
Ion Ratio Lower Upper
240 100
120 11.5 5.3 7.9#
236 28.5 21.8 32.8



#31
Terphenyl-d14
Concen: 0.38 ng
RT: 19.509 min Scan# 1879
Delta R.T. -0.000 min
Lab File: BN012702.D
Acq: 23 Nov 2020 18:18

Tgt Ion:244 Resp: 3085
Ion Ratio Lower Upper
244 100
212 11.2 7.3 10.9#
122 11.4 7.3 10.9#

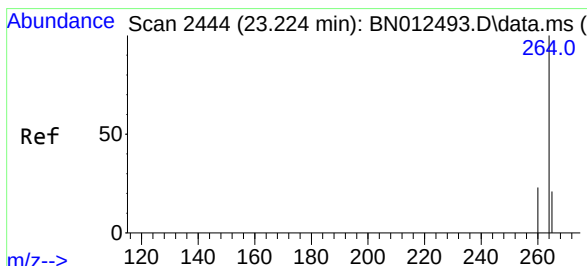
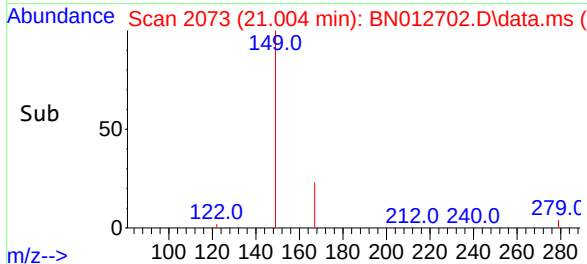
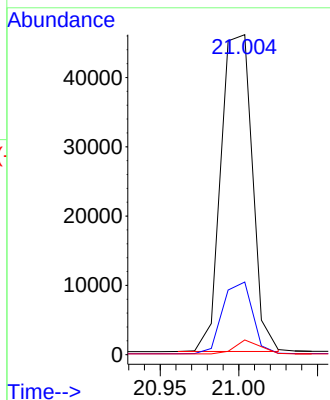
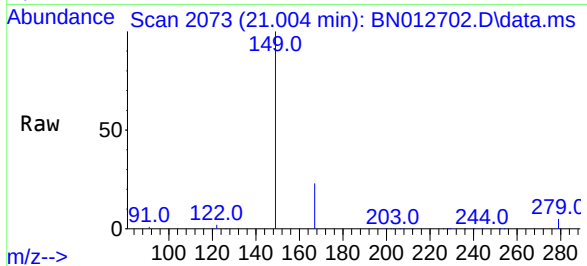




#34
Bis(2-ethylhexyl)phthalate
Concen: 8.69 ng
RT: 21.004 min Scan# 2073
Delta R.T. 0.011 min
Lab File: BN012702.D
Acq: 23 Nov 2020 18:18

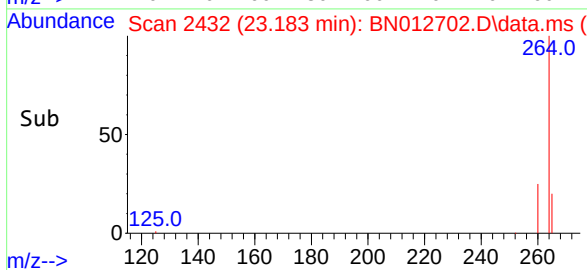
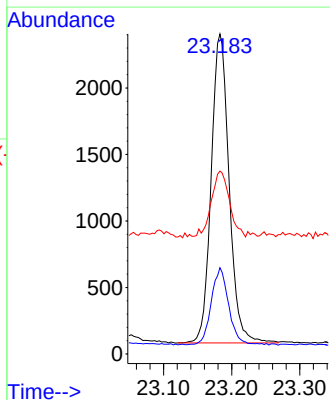
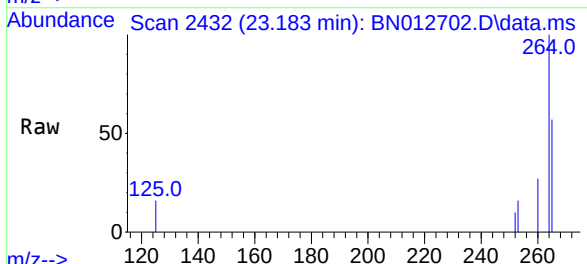
Instrument :
BNA_N
ClientSampleId :
BP-VPB178-GW-718-720

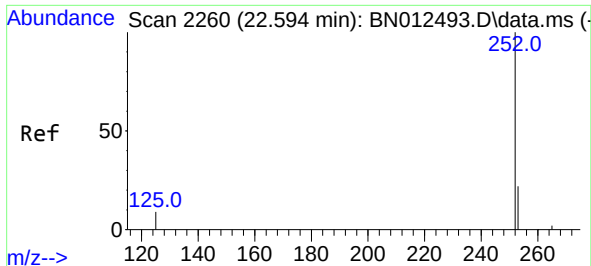
Tgt Ion:149 Resp: 63425
Ion Ratio Lower Upper
149 100
167 21.6 23.2 34.8#
279 3.5 3.9 5.9#



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.183 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BN012702.D
Acq: 23 Nov 2020 18:18

Tgt Ion:264 Resp: 4244
Ion Ratio Lower Upper
264 100
260 27.0 19.8 29.6
265 57.1 51.4 77.0

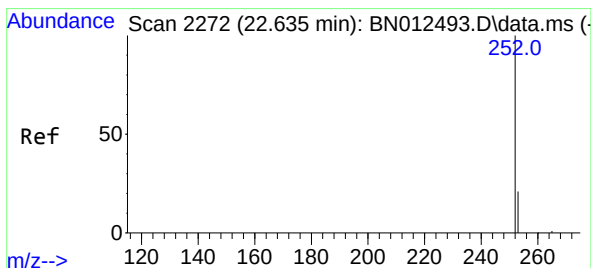
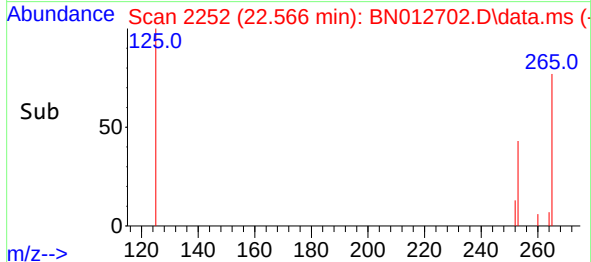
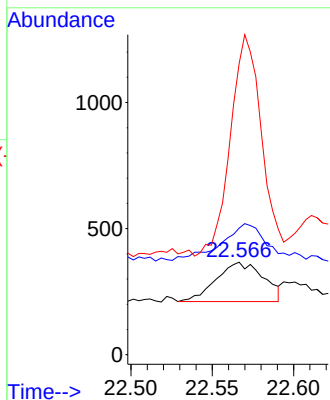
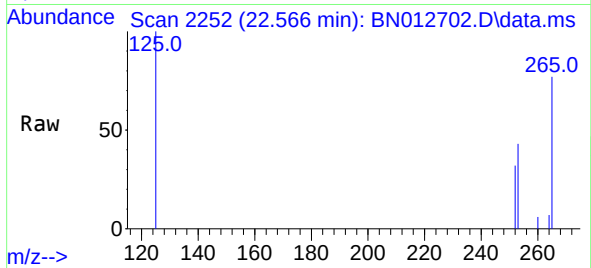




#37
Benzo(b)fluoranthene
Concen: 0.02 ng
RT: 22.566 min Scan# 2252
Delta R.T. 0.010 min
Lab File: BN012702.D
Acq: 23 Nov 2020 18:18

Instrument :
BNA_N
ClientSampleId :
BP-VPB178-GW-718-720

Tgt Ion:252	Resp:	315
Ion Ratio	Lower	Upper
252	100	
253	136.8	20.1 30.1#
125	314.7	7.2 10.8#



#38
Benzo(k)fluoranthene
Concen: 0.02 ng
RT: 22.566 min Scan# 2252
Delta R.T. -0.034 min
Lab File: BN012702.D
Acq: 23 Nov 2020 18:18

Tgt Ion:252	Resp:	315
Ion Ratio	Lower	Upper
252	100	
253	136.8	19.8 29.8#
125	314.7	7.1 10.7#

