

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051024\
 Data File : BN031493.D
 Acq On : 11 May 2024 11:13
 Operator : MA/JU
 Sample : P2445-06
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RMW-05B-90-050924

Quant Time: May 13 01:27:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 02:12:24 2024
 Response via : Initial Calibration

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

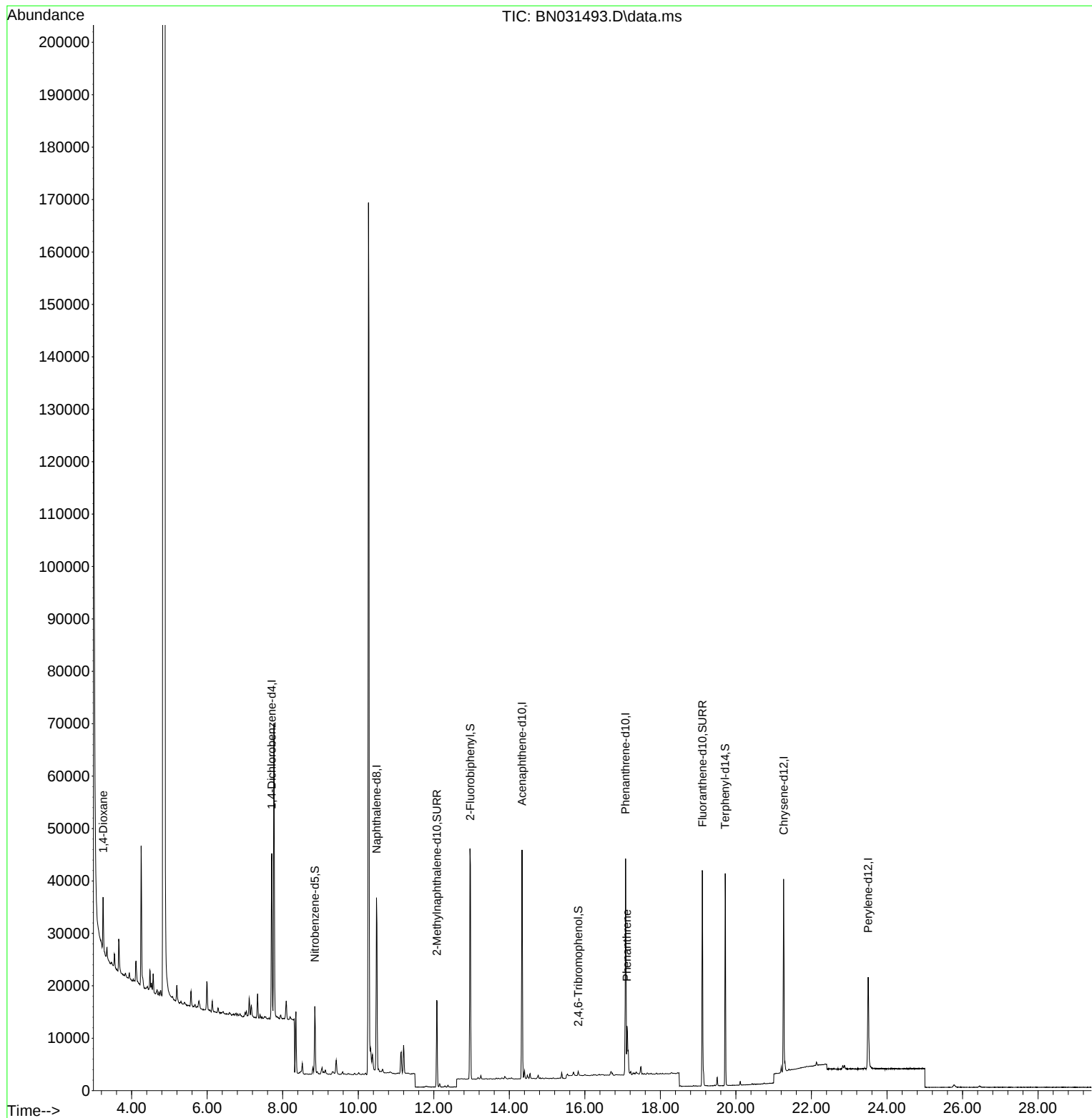
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.711	152	14293	0.400	ng	0.00
7) Naphthalene-d8	10.485	136	44747	0.400	ng	#-0.01
13) Acenaphthene-d10	14.338	164	23784	0.400	ng	-0.01
19) Phenanthrene-d10	17.078	188	52281	0.400	ng	-0.01
29) Chrysene-d12	21.265	240	33311	0.400	ng	0.00
35) Perylene-d12	23.502	264	25276	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.306	112	243	0.006	ng	0.00
5) Phenol-d6	6.873	99	158	0.003	ng	0.00
8) Nitrobenzene-d5	8.851	82	10044	0.313	ng	-0.01
11) 2-Methylnaphthalene-d10	12.081	152	22555	0.313	ng	-0.01
14) 2,4,6-Tribromophenol	15.825	330	409	0.045	ng	-0.01
15) 2-Fluorobiphenyl	12.970	172	40353	0.440	ng	-0.01
27) Fluoranthene-d10	19.114	212	45226	0.312	ng	0.00
31) Terphenyl-d14	19.718	244	37562	0.461	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.248	88	6625	0.377	ng	97
25) Phenanthrene	17.115	178	10492	0.072	ng	# 83

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

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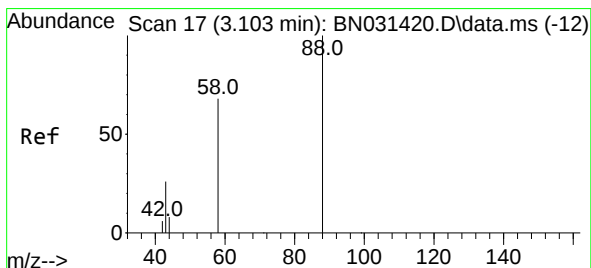
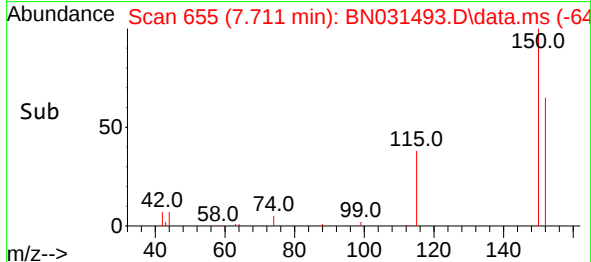
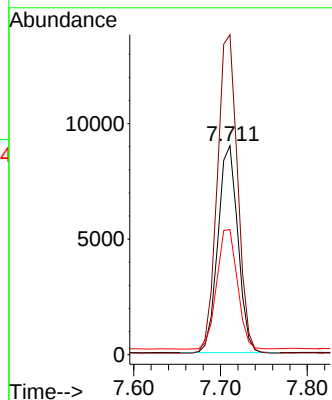
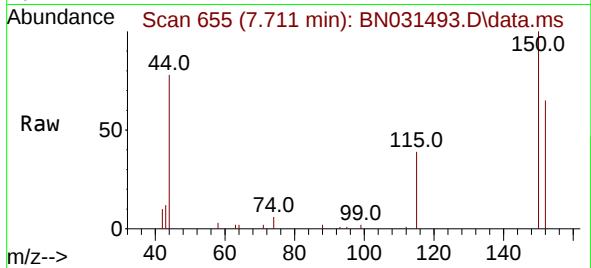




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.711 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN031493.D
Acq: 11 May 2024 11:13

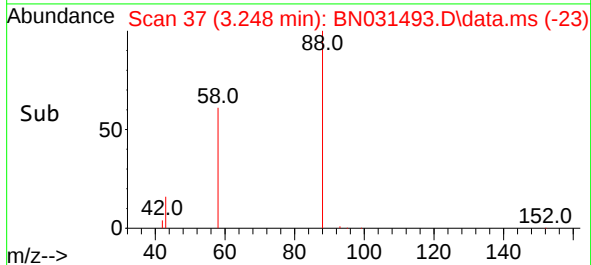
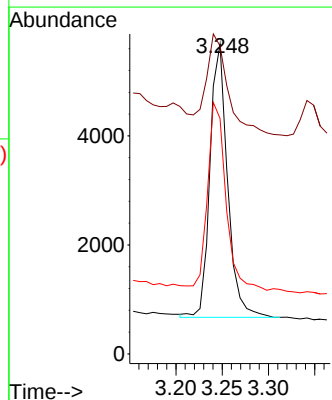
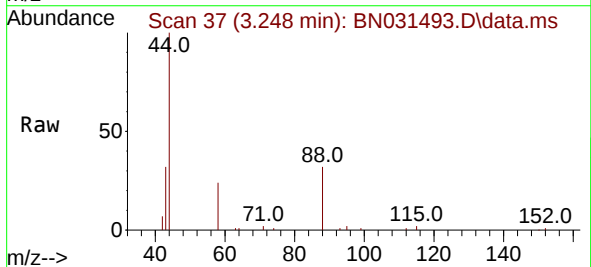
Instrument :
BNA_N
ClientSampleId :
RMW-05B-90-050924

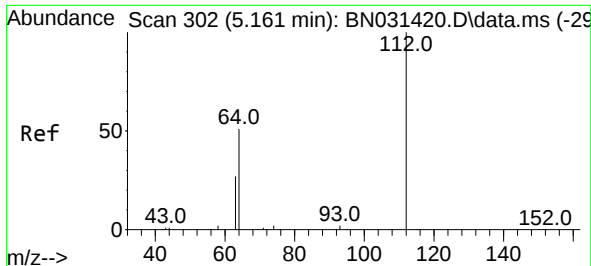
Tgt Ion:152 Resp: 14293
Ion Ratio Lower Upper
152 100
150 153.2 119.3 178.9
115 59.9 54.8 82.2



#2
1,4-Dioxane
Concen: 0.377 ng
RT: 3.248 min Scan# 37
Delta R.T. -0.000 min
Lab File: BN031493.D
Acq: 11 May 2024 11:13

Tgt Ion: 88 Resp: 6625
Ion Ratio Lower Upper
88 100
43 46.0 39.0 58.6
58 70.6 54.9 82.3

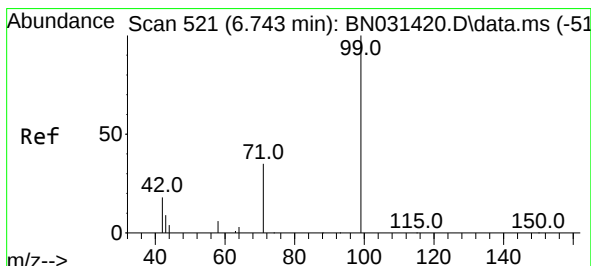
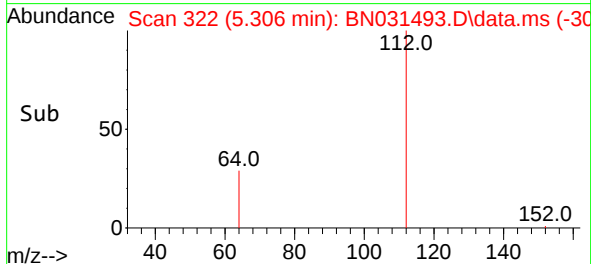
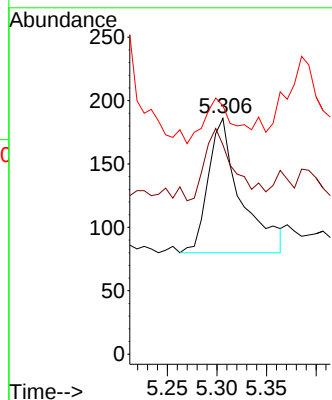
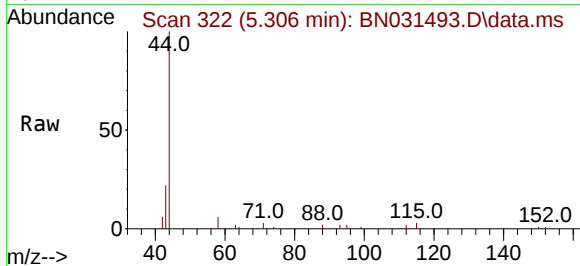




#4
2-Fluorophenol
Concen: 0.006 ng
RT: 5.306 min Scan# 31
Delta R.T. 0.007 min
Lab File: BN031493.D
Acq: 11 May 2024 11:13

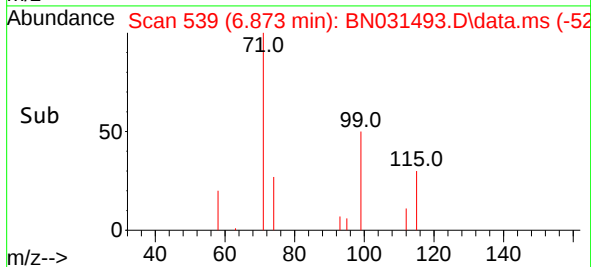
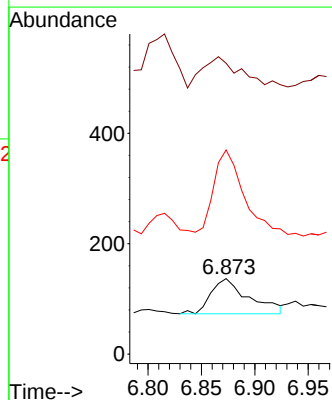
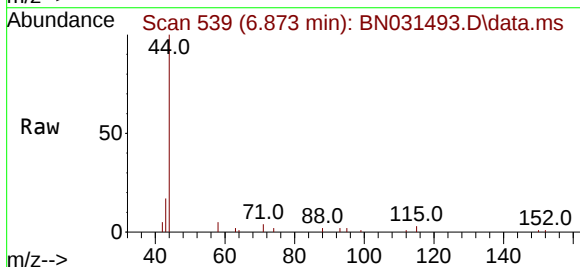
Instrument :
BNA_N
ClientSampleId :
RMW-05B-90-050924

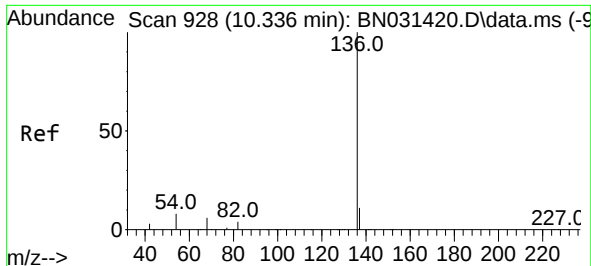
Tgt Ion:112 Resp: 243
Ion Ratio Lower Upper
112 100
64 47.7 44.0 66.0
63 25.5 22.2 33.4



#5
Phenol-d6
Concen: 0.003 ng
RT: 6.873 min Scan# 539
Delta R.T. -0.000 min
Lab File: BN031493.D
Acq: 11 May 2024 11:13

Tgt Ion: 99 Resp: 158
Ion Ratio Lower Upper
99 100
42 92.4 13.5 20.3#
71 187.3 26.1 39.1#

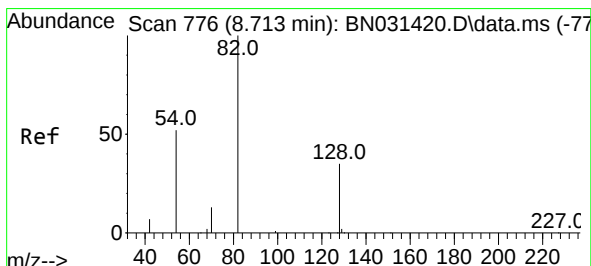
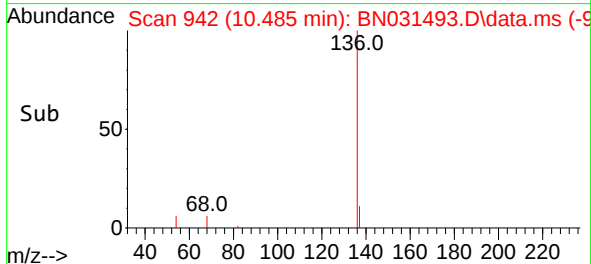
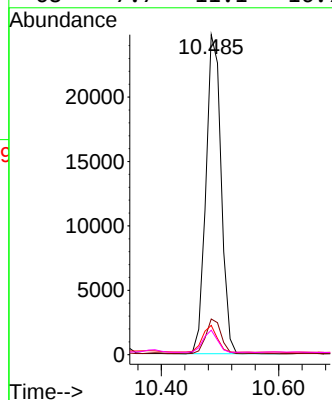
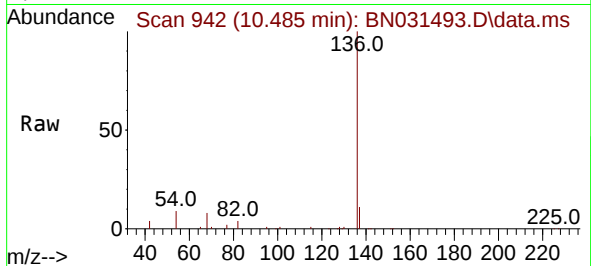




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.485 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN031493.D
Acq: 11 May 2024 11:13

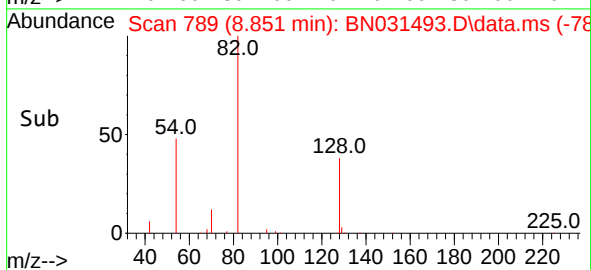
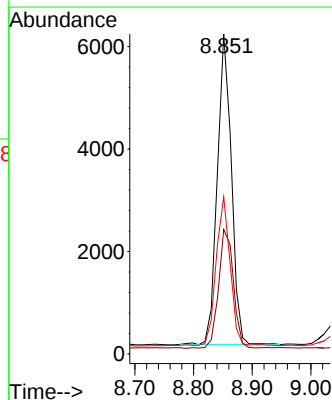
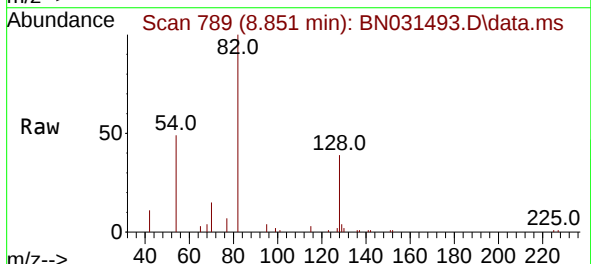
Instrument :
BNA_N
ClientSampleId :
RMW-05B-90-050924

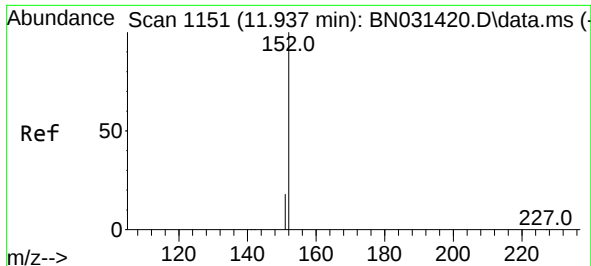
Tgt Ion:	136	Resp:	44747
Ion Ratio	Lower	Upper	
136	100		
137	11.1	10.1	15.1
54	9.2	10.5	15.7#
68	7.7	11.1	16.7#



#8
Nitrobenzene-d5
Concen: 0.313 ng
RT: 8.851 min Scan# 789
Delta R.T. -0.011 min
Lab File: BN031493.D
Acq: 11 May 2024 11:13

Tgt Ion:	82	Resp:	10044
Ion Ratio	Lower	Upper	
82	100		
128	38.9	29.0	43.6
54	49.1	37.2	55.8

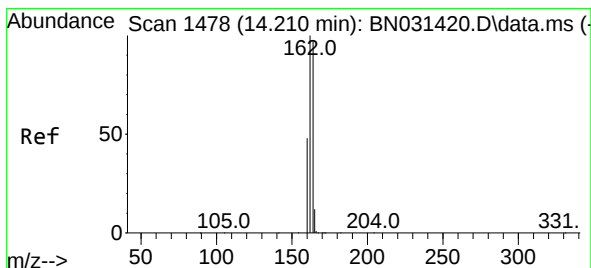
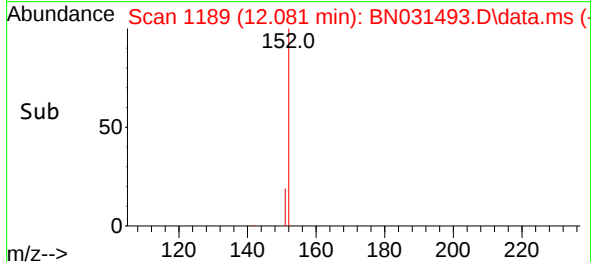
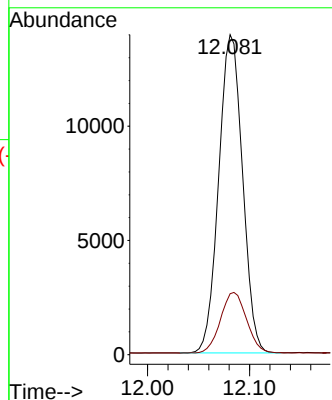
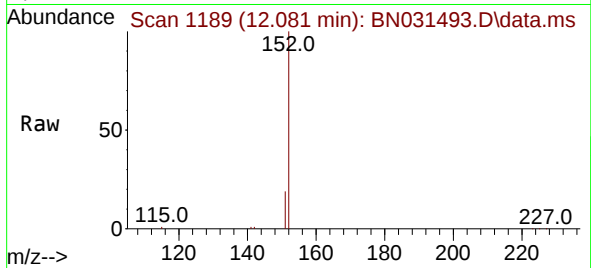




#11
2-Methylnaphthalene-d10
Concen: 0.313 ng
RT: 12.081 min Scan# 1151
Delta R.T. -0.012 min
Lab File: BN031493.D
Acq: 11 May 2024 11:13

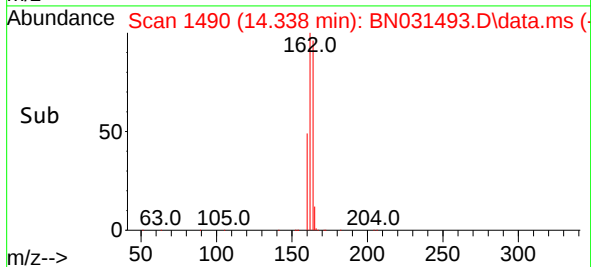
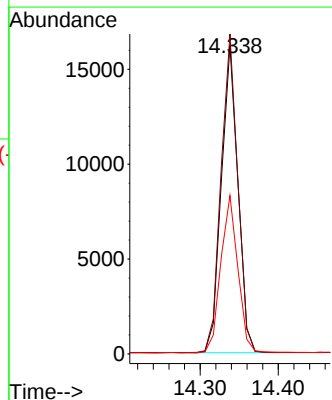
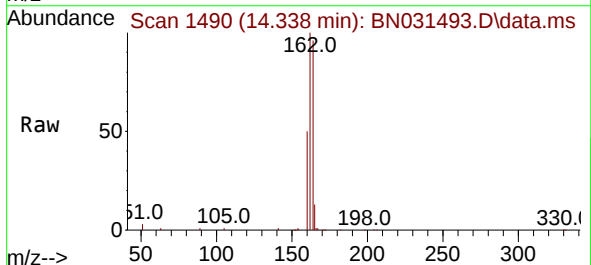
Instrument :
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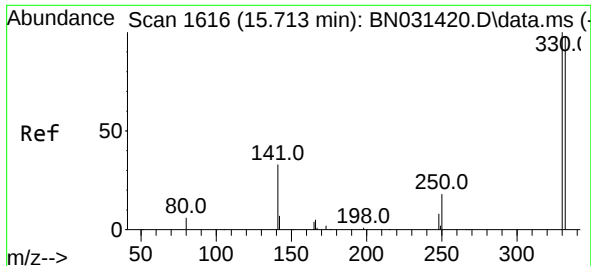
Tgt Ion:152 Resp: 22555
Ion Ratio Lower Upper
152 100
151 20.9 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.338 min Scan# 1490
Delta R.T. -0.011 min
Lab File: BN031493.D
Acq: 11 May 2024 11:13

Tgt Ion:164 Resp: 23784
Ion Ratio Lower Upper
164 100
162 103.7 81.2 121.8
160 51.3 37.0 55.6

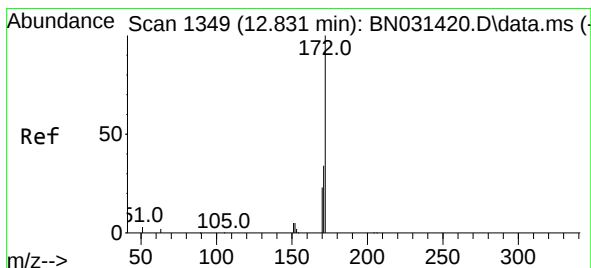
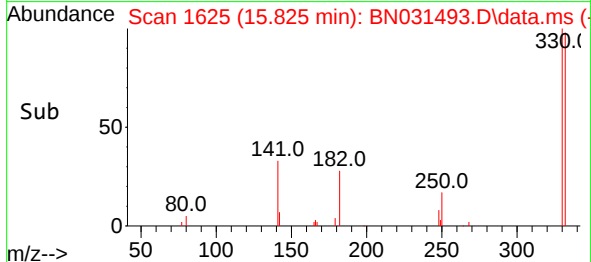
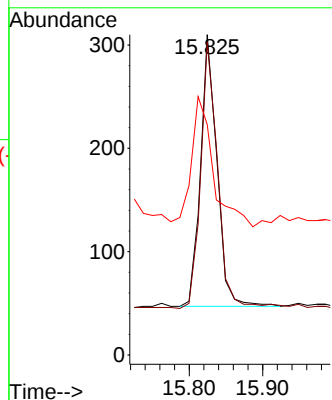
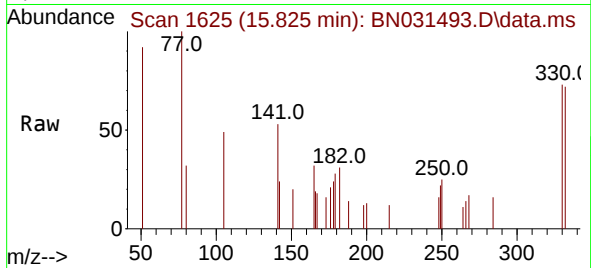




#14
2,4,6-Tribromophenol
Concen: 0.045 ng
RT: 15.825 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN031493.D
Acq: 11 May 2024 11:13

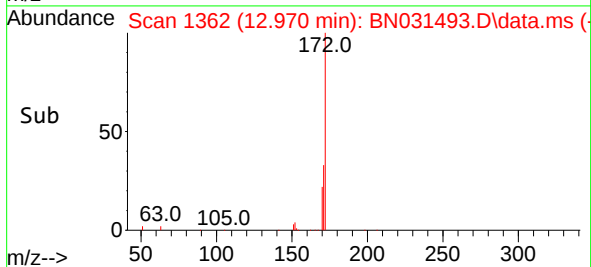
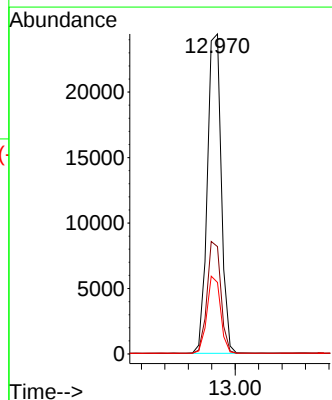
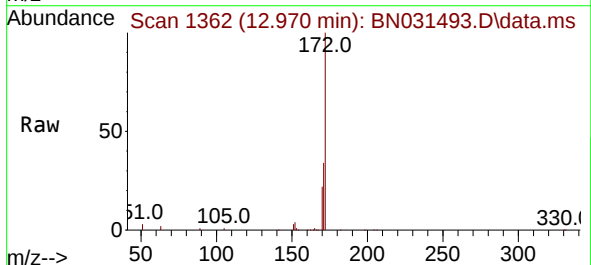
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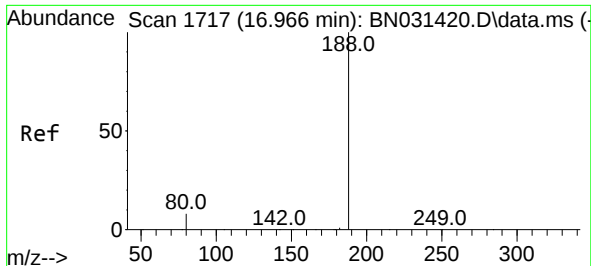
Tgt Ion:330 Resp: 409
Ion Ratio Lower Upper
330 100
332 99.5 76.6 114.8
141 63.3 37.0 55.4#



#15
2-Fluorobiphenyl
Concen: 0.440 ng
RT: 12.970 min Scan# 1362
Delta R.T. -0.011 min
Lab File: BN031493.D
Acq: 11 May 2024 11:13

Tgt Ion:172 Resp: 40353
Ion Ratio Lower Upper
172 100
171 33.6 27.8 41.8
170 22.4 18.3 27.5

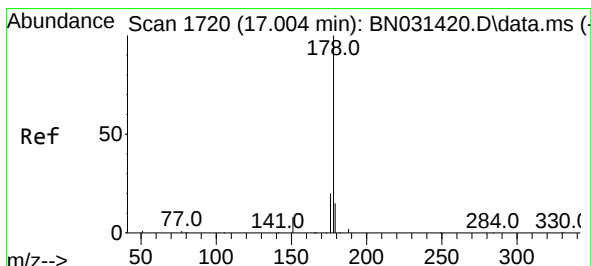
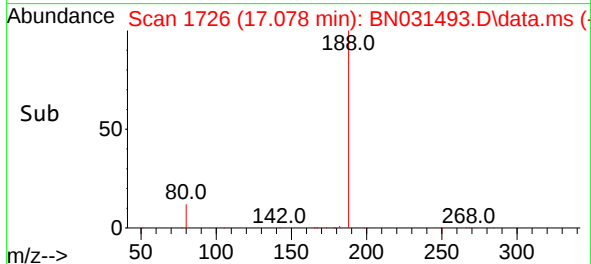
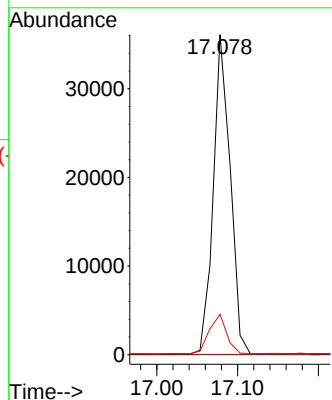
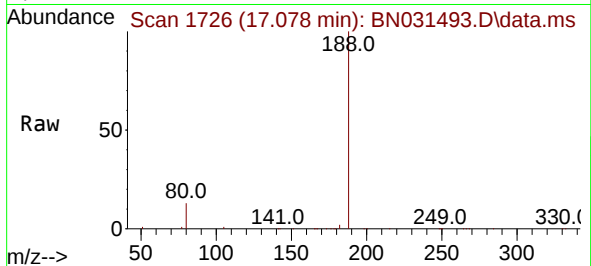




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.078 min Scan# 1726
Delta R.T. -0.013 min
Lab File: BN031493.D
Acq: 11 May 2024 11:13

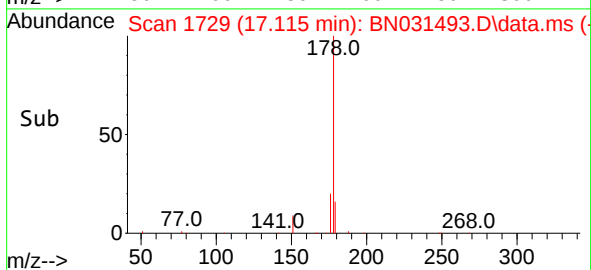
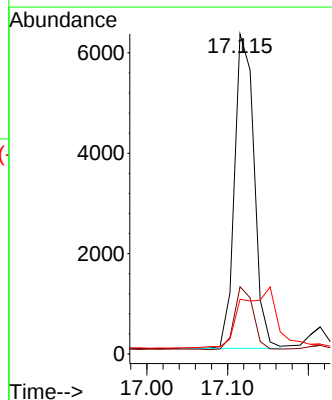
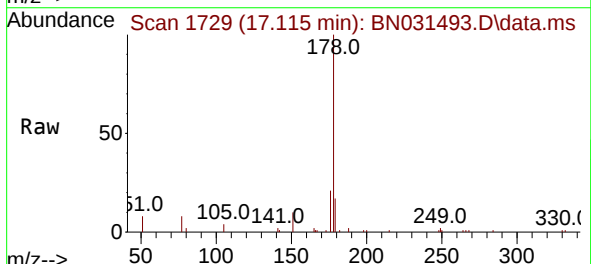
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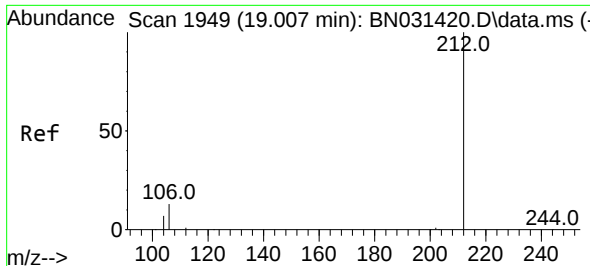
Tgt Ion:188 Resp: 52281
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.6 9.6 14.4



#25
Phenanthrene
Concen: 0.072 ng
RT: 17.115 min Scan# 1729
Delta R.T. -0.013 min
Lab File: BN031493.D
Acq: 11 May 2024 11:13

Tgt Ion:178 Resp: 10492
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 0.0 12.3 18.5#

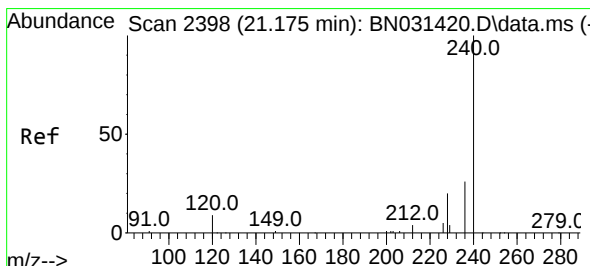
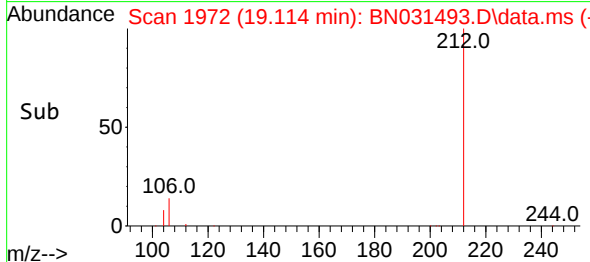
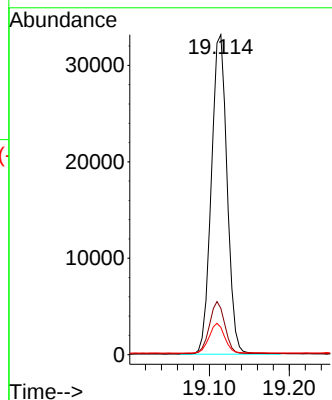
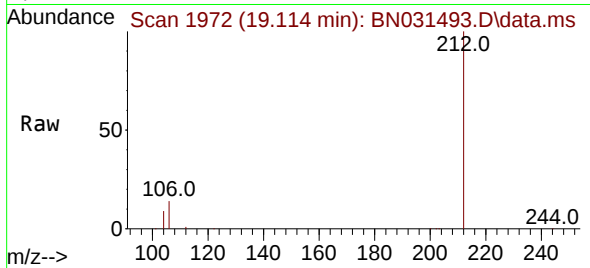




#27
Fluoranthene-d10
Concen: 0.312 ng
RT: 19.114 min Scan# 1949
Delta R.T. -0.005 min
Lab File: BN031493.D
Acq: 11 May 2024 11:13

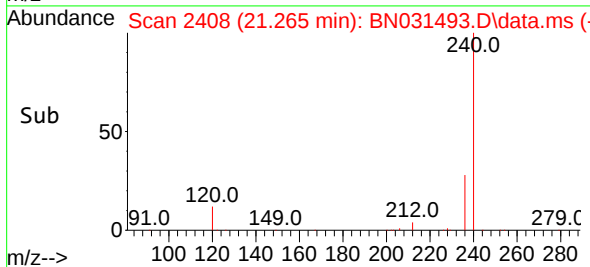
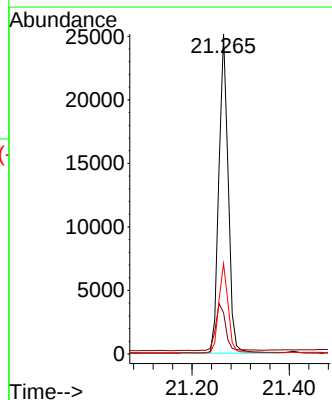
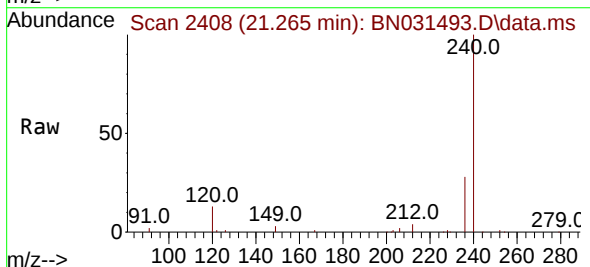
Instrument :
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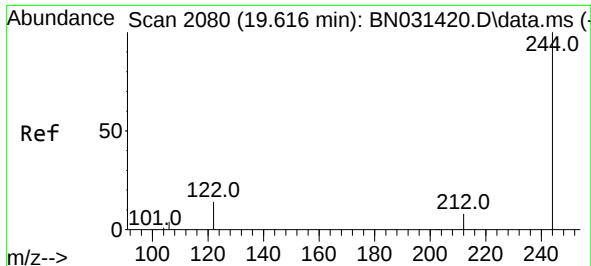
Tgt Ion:212 Resp: 45226
Ion Ratio Lower Upper
212 100
106 15.9 12.0 18.0
104 9.1 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.265 min Scan# 2408
Delta R.T. -0.009 min
Lab File: BN031493.D
Acq: 11 May 2024 11:13

Tgt Ion:240 Resp: 33311
Ion Ratio Lower Upper
240 100
120 12.9 11.4 17.2
236 28.2 22.2 33.4

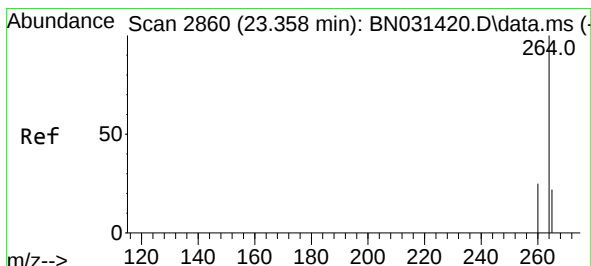
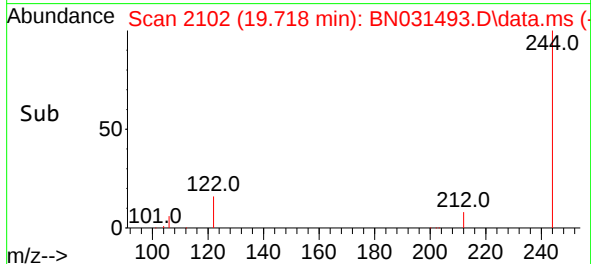
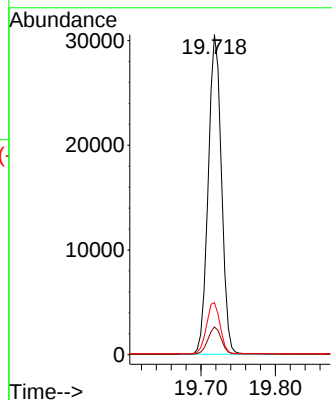
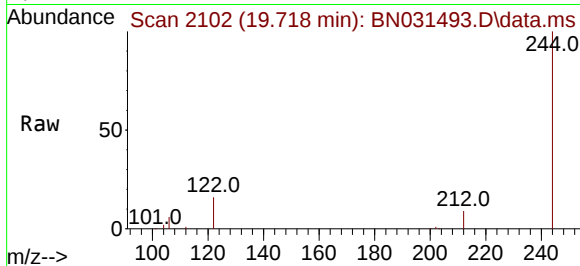




#31
 Terphenyl-d14
 Concen: 0.461 ng
 RT: 19.718 min Scan# 2102
 Delta R.T. -0.014 min
 Lab File: BN031493.D
 Acq: 11 May 2024 11:13

Instrument :
 BNA_N
 ClientSampleId :
 RMW-05B-90-050924

Tgt Ion:244 Resp: 37562
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.5 9.7
 122 16.3 11.4 17.2



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.502 min Scan# 2909
 Delta R.T. -0.018 min
 Lab File: BN031493.D
 Acq: 11 May 2024 11:13

Tgt Ion:264 Resp: 25276
 Ion Ratio Lower Upper
 264 100
 260 25.6 20.6 31.0
 265 42.2 24.0 36.0#

