

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031523\
 Data File : BN024292.D
 Acq On : 15 Mar 2023 14:18
 Operator : CG/JU
 Sample : 01843-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP04-20230306

Quant Time: Mar 16 01:18:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 16 01:06:57 2023
 Response via : Initial Calibration

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

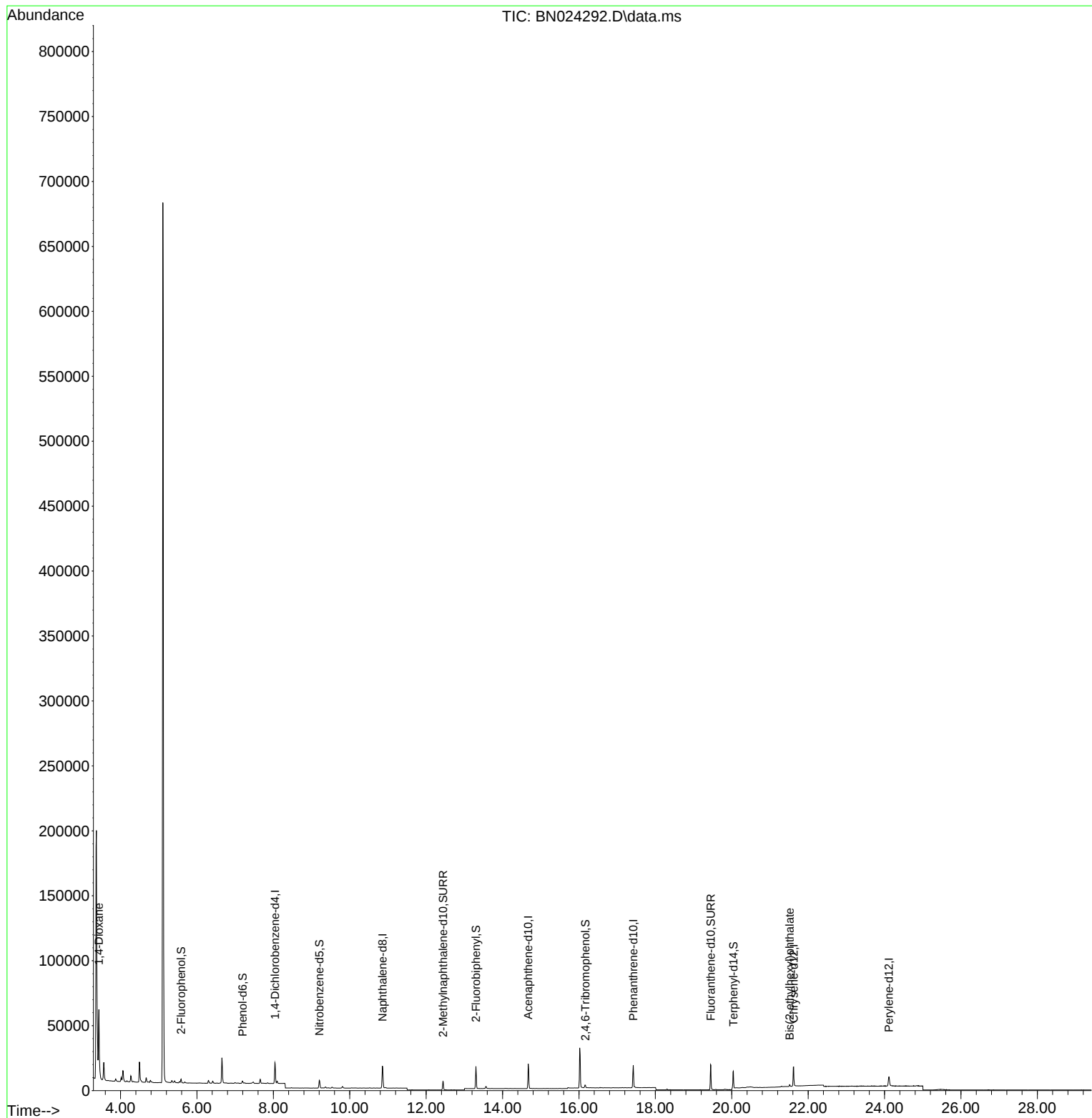
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.047	152	7623	0.400	ng	0.00
7) Naphthalene-d8	10.856	136	22258	0.400	ng	# 0.00
13) Acenaphthene-d10	14.672	164	10666	0.400	ng	0.00
19) Phenanthrene-d10	17.421	188	21872	0.400	ng	0.00
29) Chrysene-d12	21.619	240	15386	0.400	ng	0.00
35) Perylene-d12	24.112	264	11742	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.584	112	2249	0.133	ng	0.00
5) Phenol-d6	7.195	99	1622	0.075	ng	0.00
8) Nitrobenzene-d5	9.201	82	5165	0.347	ng	0.00
11) 2-Methylnaphthalene-d10	12.441	152	8731	0.319	ng	0.00
14) 2,4,6-Tribromophenol	16.168	330	1340	0.246	ng	0.00
15) 2-Fluorobiphenyl	13.303	172	13778	0.342	ng	0.00
27) Fluoranthene-d10	19.451	212	19759	0.426	ng	0.00
31) Terphenyl-d14	20.043	244	11319	0.436	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.432	88	32660	3.938	ng	96
34) Bis(2-ethylhexyl)phtha...	21.512	149	1413	0.058	ng	96

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

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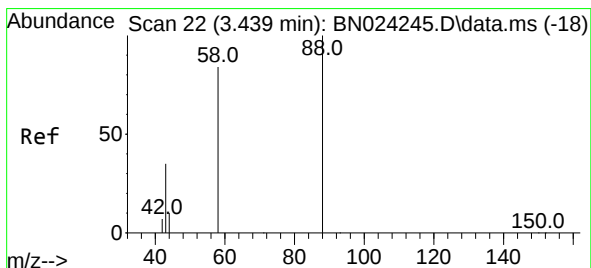
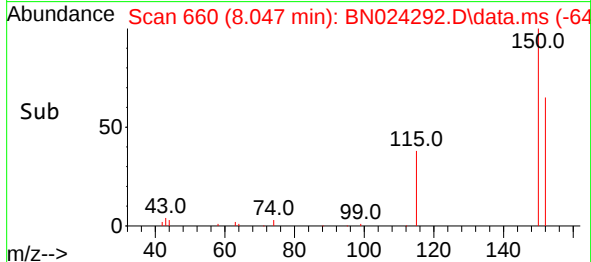
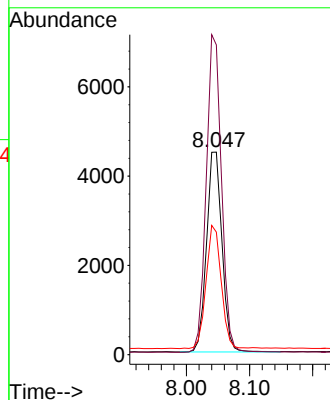
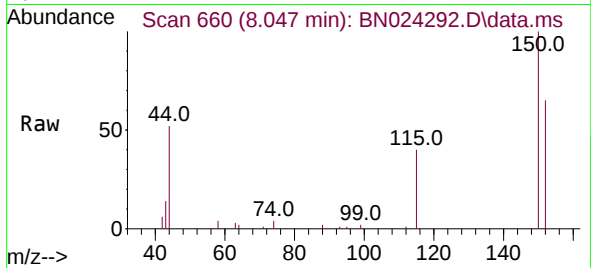




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.047 min Scan# 60
 Delta R.T. 0.007 min
 Lab File: BN024292.D
 Acq: 15 Mar 2023 14:18

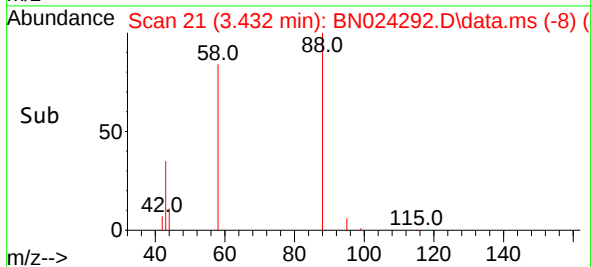
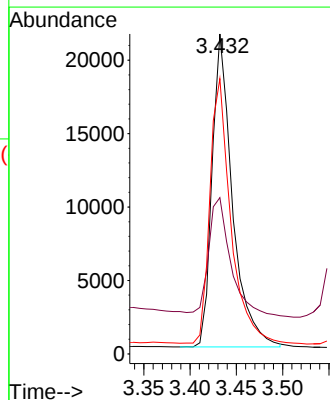
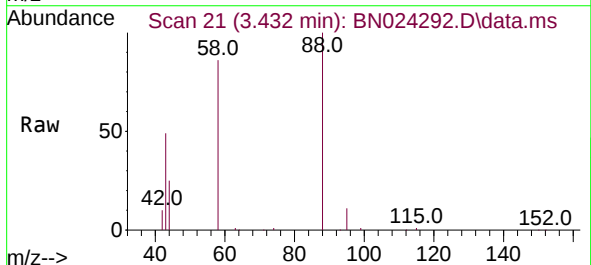
Instrument :
 BNA_N
 ClientSampleId :
 DUP04-20230306

Tgt Ion:152 Resp: 7623
 Ion Ratio Lower Upper
 152 100
 150 152.9 124.7 187.1
 115 60.5 49.1 73.7



#2
 1,4-Dioxane
 Concen: 3.938 ng
 RT: 3.432 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BN024292.D
 Acq: 15 Mar 2023 14:18

Tgt Ion: 88 Resp: 32660
 Ion Ratio Lower Upper
 88 100
 43 40.6 29.0 43.4
 58 86.3 67.3 100.9

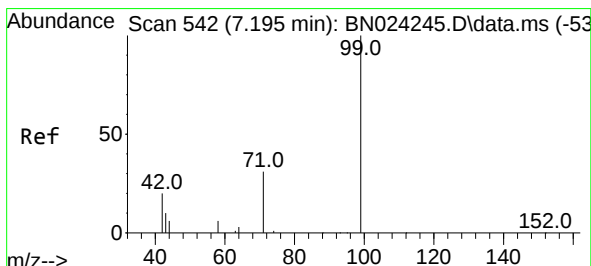
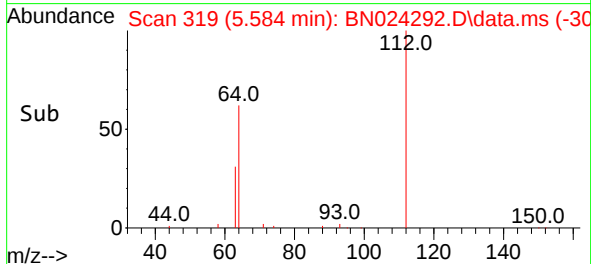
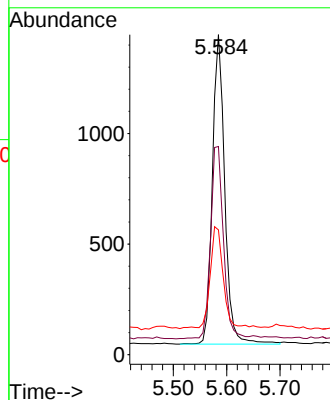
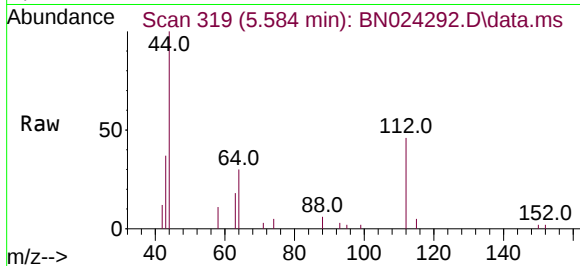




#4
2-Fluorophenol
Concen: 0.133 ng
RT: 5.584 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN024292.D
Acq: 15 Mar 2023 14:18

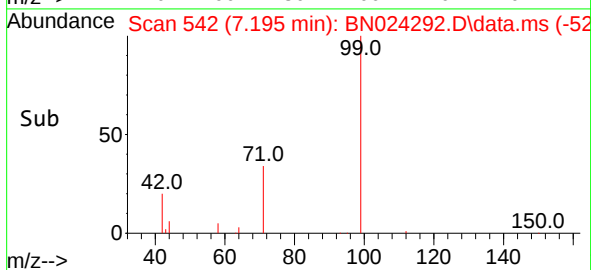
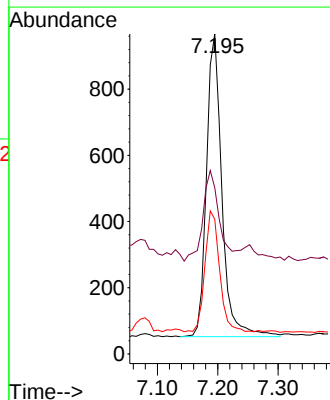
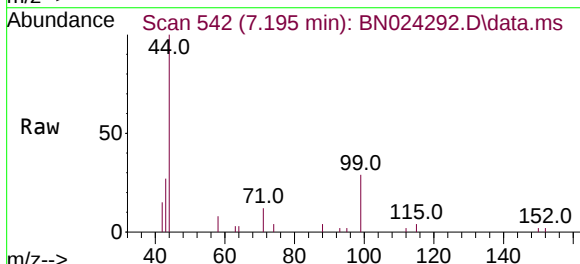
Instrument :
BNA_N
ClientSampleId :
DUP04-20230306

Tgt Ion:112 Resp: 2249
Ion Ratio Lower Upper
112 100
64 64.9 49.0 73.6
63 35.5 25.7 38.5



#5
Phenol-d6
Concen: 0.075 ng
RT: 7.195 min Scan# 542
Delta R.T. 0.007 min
Lab File: BN024292.D
Acq: 15 Mar 2023 14:18

Tgt Ion: 99 Resp: 1622
Ion Ratio Lower Upper
99 100
42 31.8 20.1 30.1#
71 37.7 25.8 38.8

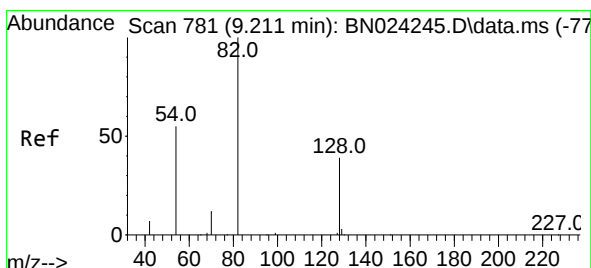
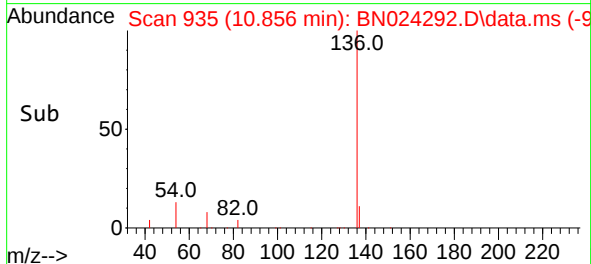
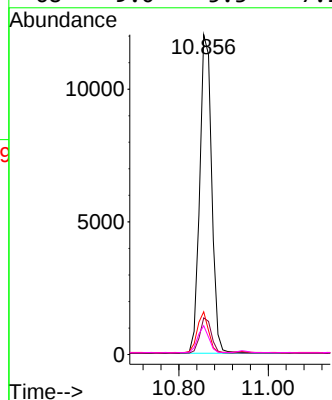
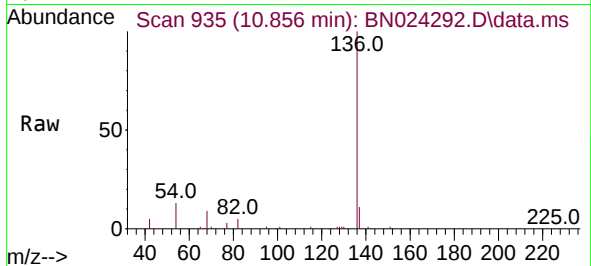




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.856 min Scan# 936
Delta R.T. 0.000 min
Lab File: BN024292.D
Acq: 15 Mar 2023 14:18

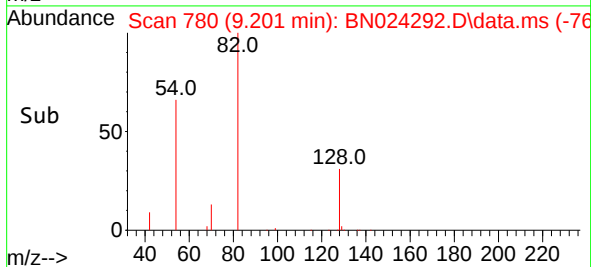
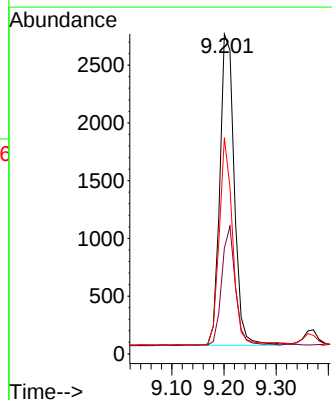
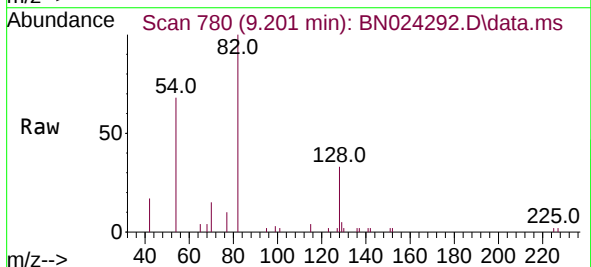
Instrument :
BNA_N
ClientSampleId :
DUP04-20230306

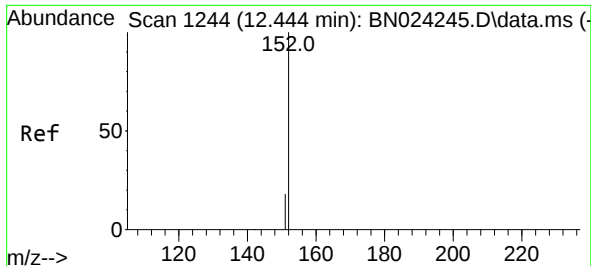
Tgt Ion:	136	Resp:	22258
Ion Ratio	Lower	Upper	
136	100		
137	11.5	8.9	13.3
54	13.4	7.1	10.7#
68	9.0	5.3	7.9#



#8
Nitrobenzene-d5
Concen: 0.347 ng
RT: 9.201 min Scan# 780
Delta R.T. 0.000 min
Lab File: BN024292.D
Acq: 15 Mar 2023 14:18

Tgt Ion:	82	Resp:	5165
Ion Ratio	Lower	Upper	
82	100		
128	33.0	32.4	48.6
54	67.6	45.2	67.8

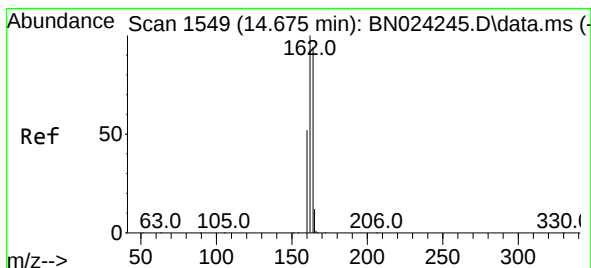
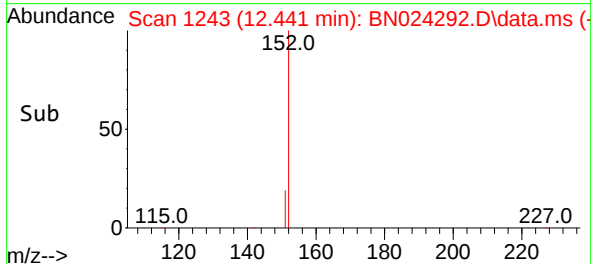
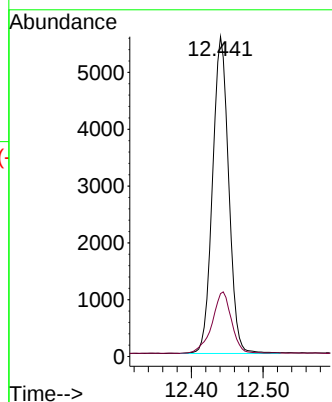
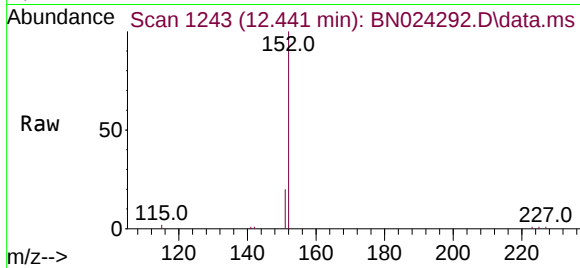




#11
2-Methylnaphthalene-d10
Concen: 0.319 ng
RT: 12.441 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN024292.D
Acq: 15 Mar 2023 14:18

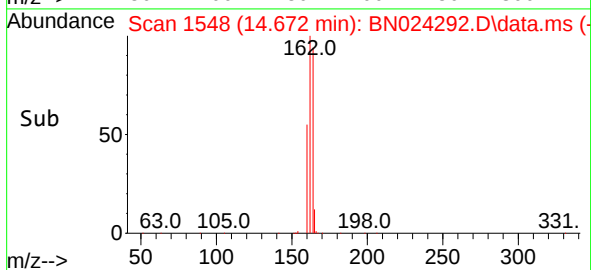
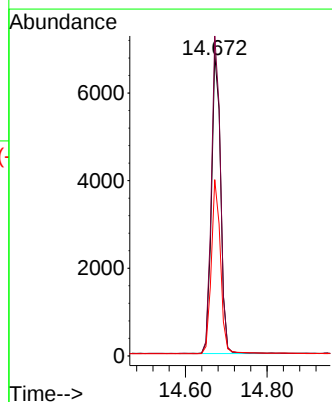
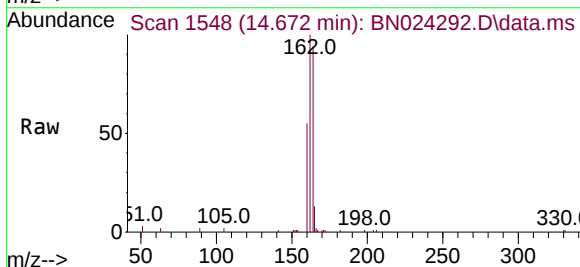
Instrument :
BNA_N
ClientSampleId :
DUP04-20230306

Tgt Ion:152 Resp: 8731
Ion Ratio Lower Upper
152 100
151 23.3 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.672 min Scan# 1548
Delta R.T. -0.004 min
Lab File: BN024292.D
Acq: 15 Mar 2023 14:18

Tgt Ion:164 Resp: 10666
Ion Ratio Lower Upper
164 100
162 106.1 84.7 127.1
160 58.4 44.6 66.8

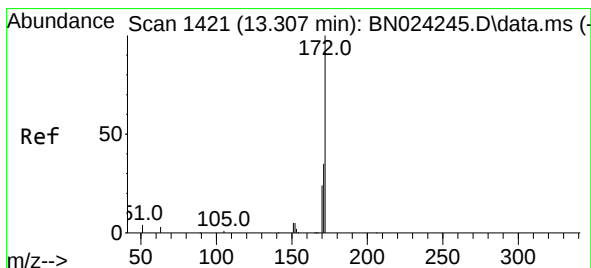
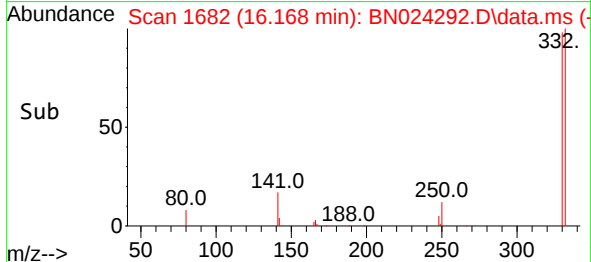
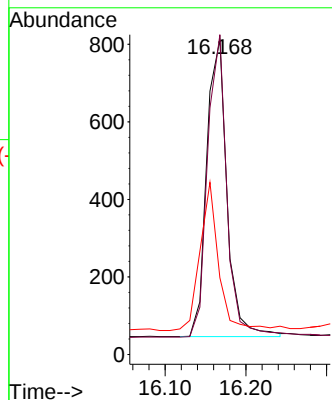
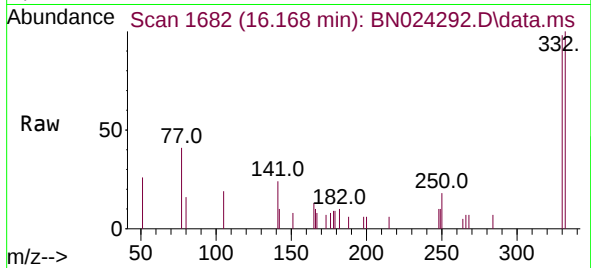




#14
2,4,6-Tribromophenol
Concen: 0.246 ng
RT: 16.168 min Scan# 14
Delta R.T. 0.009 min
Lab File: BN024292.D
Acq: 15 Mar 2023 14:18

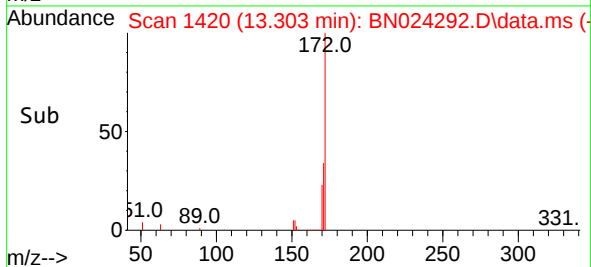
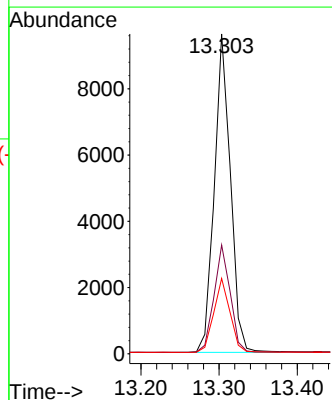
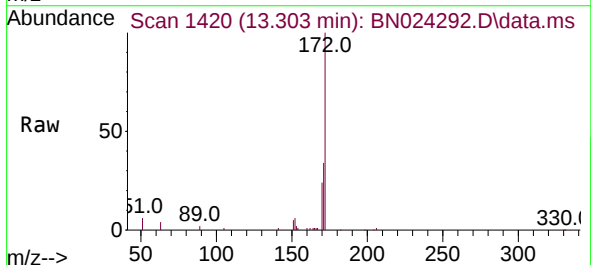
Instrument :
BNA_N
ClientSampleId :
DUP04-20230306

Tgt Ion: 330 Resp: 1340
Ion Ratio Lower Upper
330 100
332 97.6 78.0 117.0
141 46.6 30.8 46.2#



#15
2-Fluorobiphenyl
Concen: 0.342 ng
RT: 13.303 min Scan# 1420
Delta R.T. -0.004 min
Lab File: BN024292.D
Acq: 15 Mar 2023 14:18

Tgt Ion: 172 Resp: 13778
Ion Ratio Lower Upper
172 100
171 34.0 27.8 41.8
170 23.6 19.0 28.6

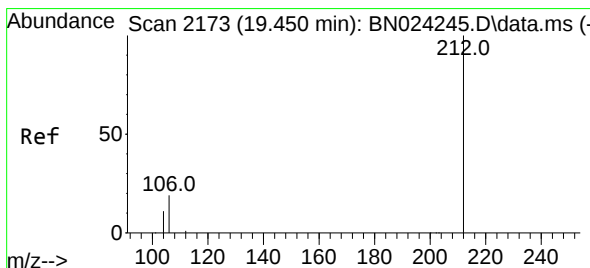
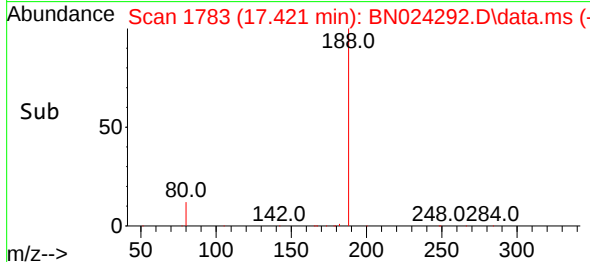
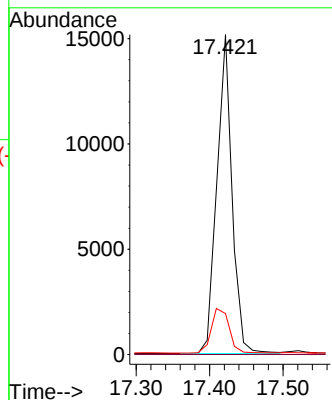
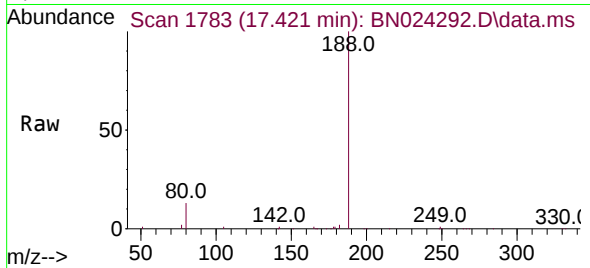




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.421 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN024292.D
Acq: 15 Mar 2023 14:18

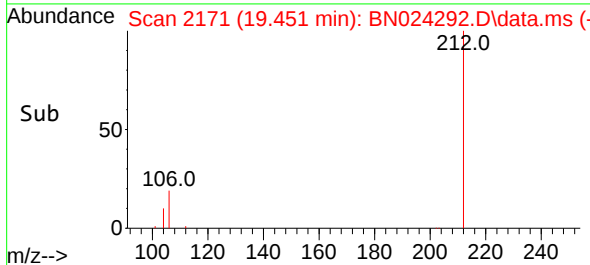
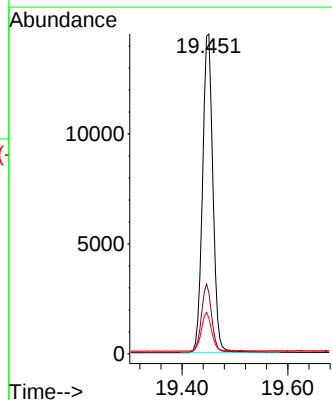
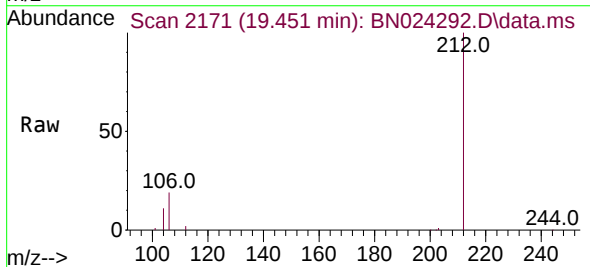
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BNA_N
ClientSampleId :
DUP04-20230306

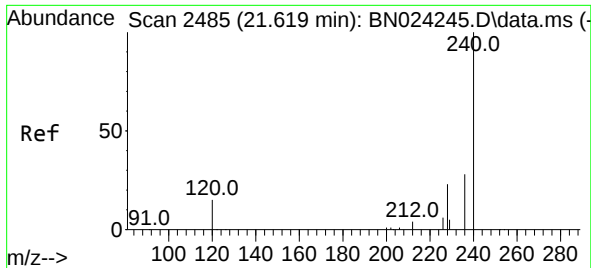
Tgt Ion:188 Resp: 21872
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.8 8.9 13.3



#27
Fluoranthene-d10
Concen: 0.426 ng
RT: 19.451 min Scan# 2171
Delta R.T. 0.005 min
Lab File: BN024292.D
Acq: 15 Mar 2023 14:18

Tgt Ion:212 Resp: 19759
Ion Ratio Lower Upper
212 100
106 20.8 15.4 23.2
104 11.9 8.6 13.0

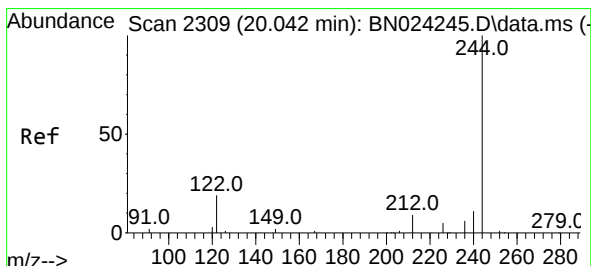
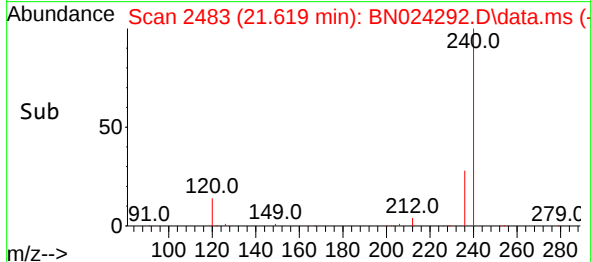
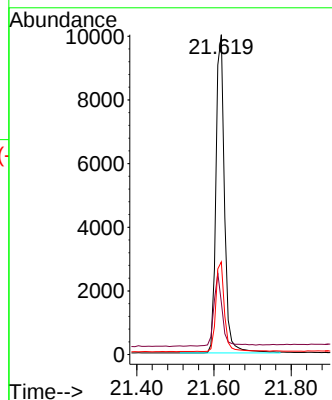
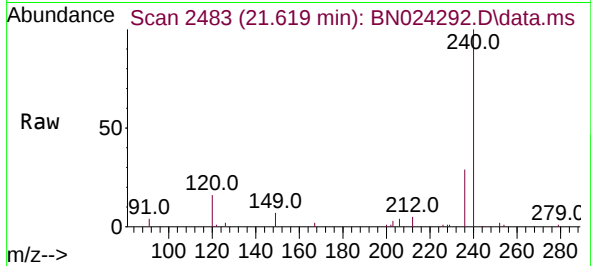




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.619 min Scan# 2485
Delta R.T. 0.009 min
Lab File: BN024292.D
Acq: 15 Mar 2023 14:18

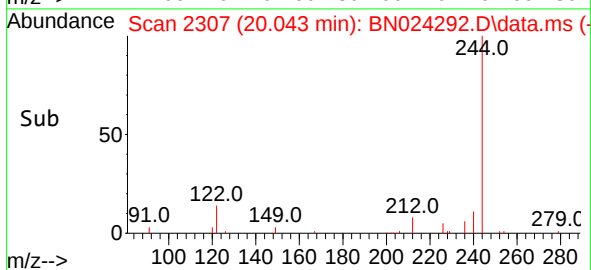
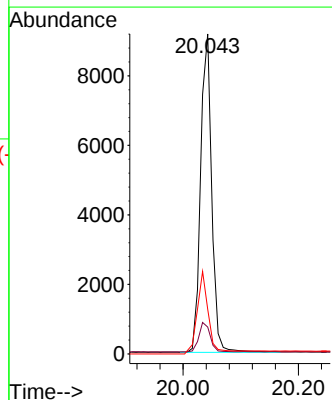
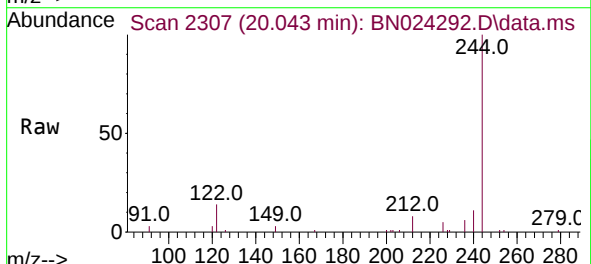
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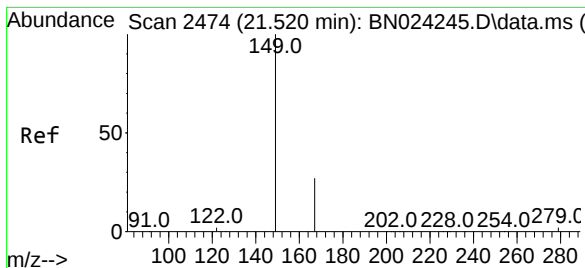
Tgt Ion:240 Resp: 15386
Ion Ratio Lower Upper
240 100
120 16.4 12.8 19.2
236 29.0 22.5 33.7



#31
Terphenyl-d14
Concen: 0.436 ng
RT: 20.043 min Scan# 2307
Delta R.T. 0.000 min
Lab File: BN024292.D
Acq: 15 Mar 2023 14:18

Tgt Ion:244 Resp: 11319
Ion Ratio Lower Upper
244 100
212 8.4 7.6 11.4
122 13.9 15.1 22.7#

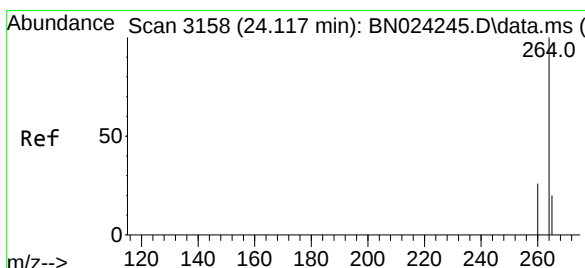
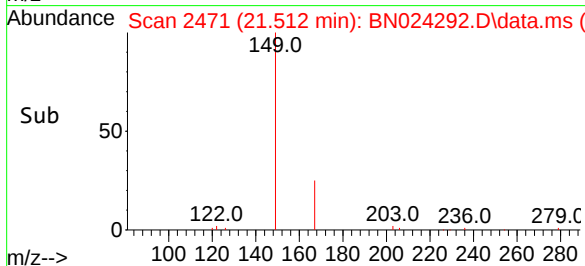
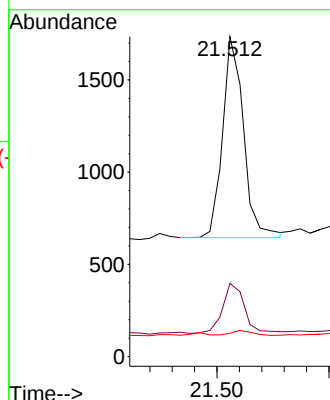
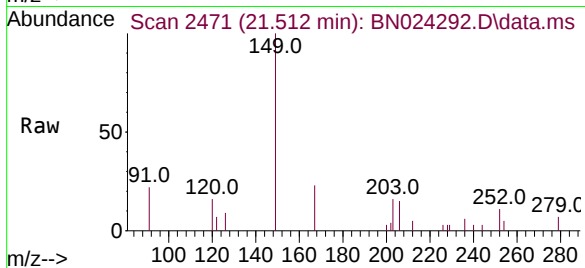




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.058 ng
RT: 21.512 min Scan# 2471
Delta R.T. 0.000 min
Lab File: BN024292.D
Acq: 15 Mar 2023 14:18

Instrument :
BNA_N
ClientSampleId :
DUP04-20230306

Tgt Ion:149 Resp: 1413
Ion Ratio Lower Upper
149 100
167 28.6 21.2 31.8
279 2.4 1.8 2.8



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.112 min Scan# 3154
Delta R.T. -0.017 min
Lab File: BN024292.D
Acq: 15 Mar 2023 14:18

Tgt Ion:264 Resp: 11742
Ion Ratio Lower Upper
264 100
260 27.5 21.4 32.2
265 62.4 35.7 53.5#

