

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032123\
 Data File : BN024471.D
 Acq On : 22 Mar 2023 07:03
 Operator : CG/JU
 Sample : SP6167
 Misc : 8270 SIM SURROGATE
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP6167

Quant Time: Mar 22 07:34:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 22 04:14:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.033	152	133	0.400	ng	# 0.00
7) Naphthalene-d8	10.845	136	320	0.400	ng	# 0.00
13) Acenaphthene-d10	14.665	164	180	0.400	ng	0.00
19) Phenanthrene-d10	17.413	188	302	0.400	ng	# 0.00
29) Chrysene-d12	21.601	240	262	0.400	ng	# 0.00
35) Perylene-d12	24.088	264	158	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.577	112	10109	34.327	ng	0.00
5) Phenol-d6	7.188	99	11675	30.857	ng	0.00
8) Nitrobenzene-d5	9.190	82	9105	42.584	ng	0.00
11) 2-Methylnaphthalene-d10	12.425	152	15448	39.275	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	2114	22.978	ng	0.01
15) 2-Fluorobiphenyl	13.285	172	23340	34.328	ng	-0.01
27) Fluoranthene-d10	19.433	212	26081	40.737	ng	0.00
31) Terphenyl-d14	20.025	244	14143	32.016	ng	0.00

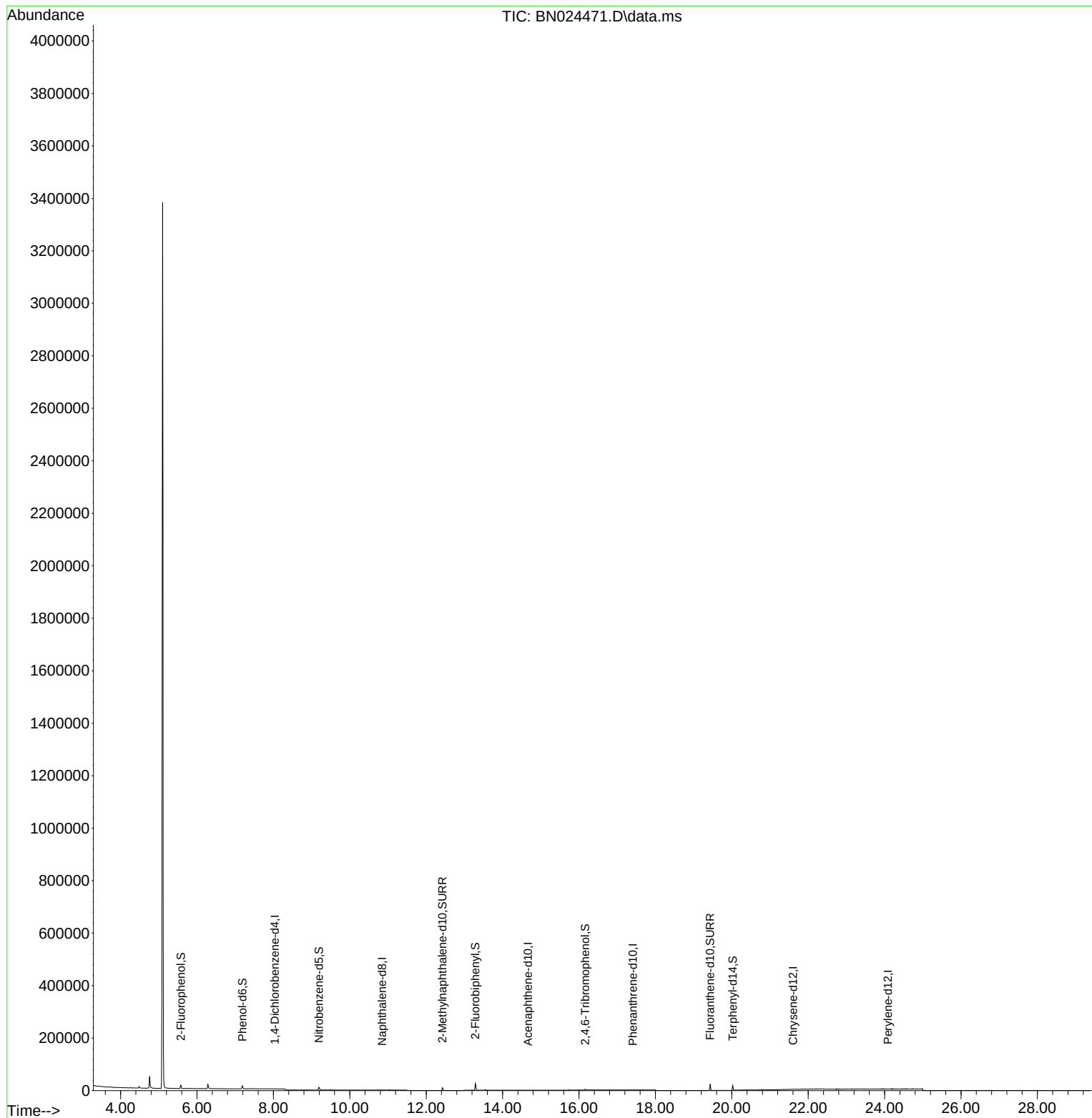
Target Compounds Qvalue

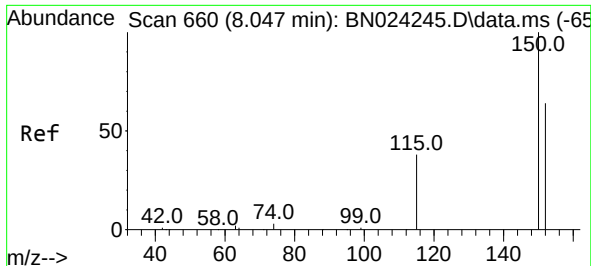
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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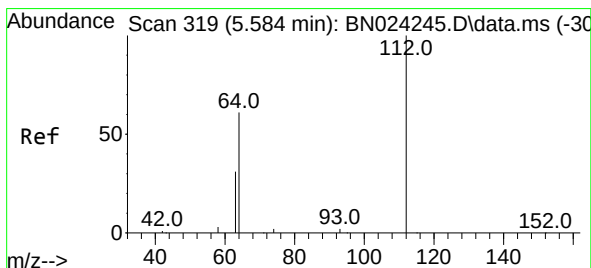
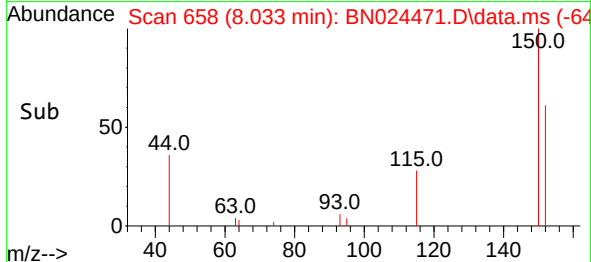
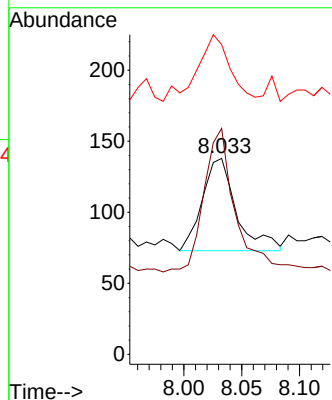
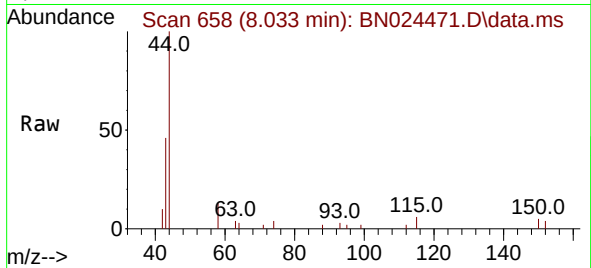




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.033 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN024471.D
 Acq: 22 Mar 2023 07:03

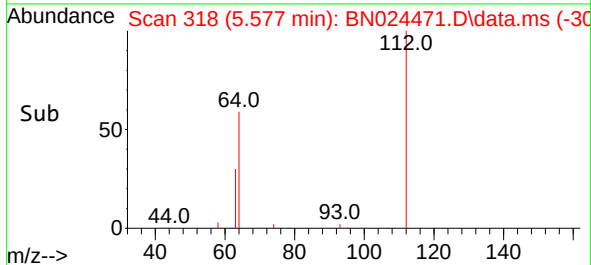
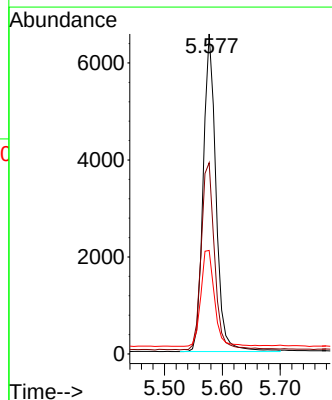
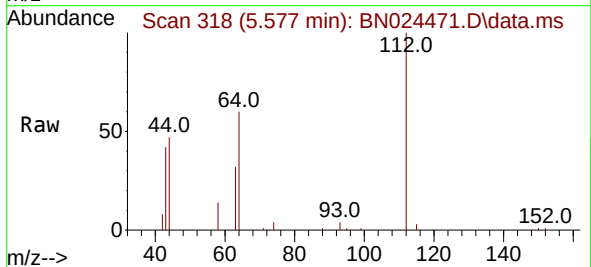
Instrument :
 BNA_N
 ClientSampleId :
 SP6167

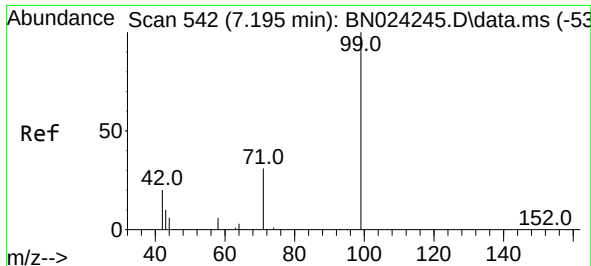
Tgt Ion:152 Resp: 133
 Ion Ratio Lower Upper
 152 100
 150 115.2 124.7 187.1#
 115 158.0 49.1 73.7#



#4
 2-Fluorophenol
 Concen: 34.327 ng
 RT: 5.577 min Scan# 318
 Delta R.T. -0.000 min
 Lab File: BN024471.D
 Acq: 22 Mar 2023 07:03

Tgt Ion:112 Resp: 10109
 Ion Ratio Lower Upper
 112 100
 64 62.1 49.0 73.6
 63 32.1 25.7 38.5

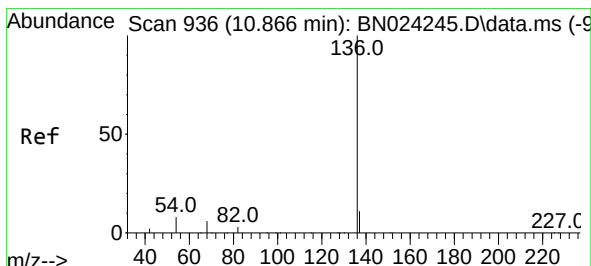
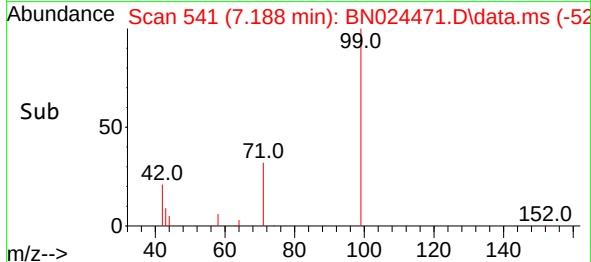
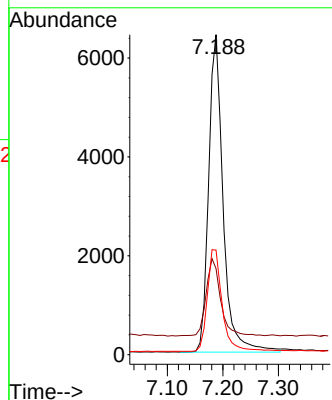
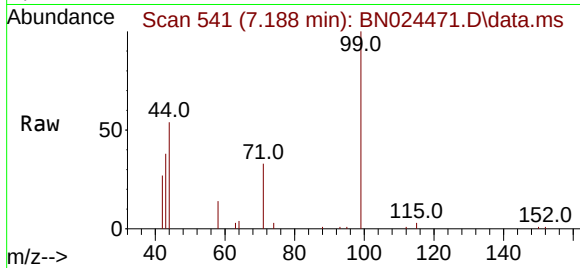




#5
Phenol-d6
Concen: 30.857 ng
RT: 7.188 min Scan# 541
Delta R.T. -0.000 min
Lab File: BN024471.D
Acq: 22 Mar 2023 07:03

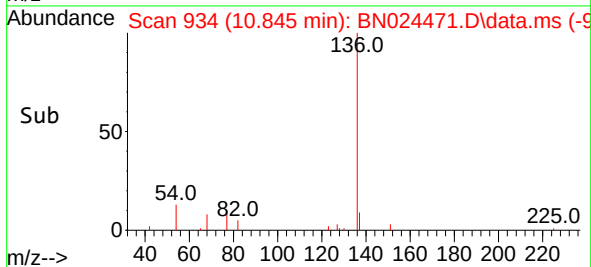
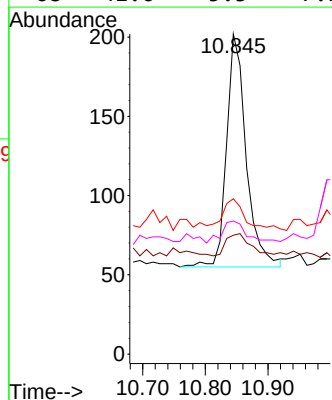
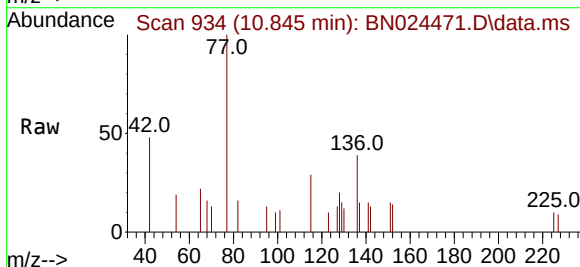
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BNA_N
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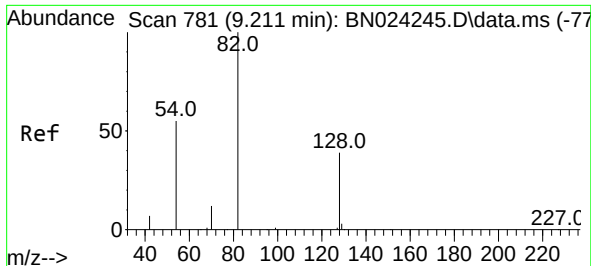
Tgt Ion: 99 Resp: 11675
Ion Ratio Lower Upper
99 100
42 24.3 20.1 30.1
71 33.2 25.8 38.8



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.845 min Scan# 934
Delta R.T. -0.000 min
Lab File: BN024471.D
Acq: 22 Mar 2023 07:03

Tgt Ion: 136 Resp: 320
Ion Ratio Lower Upper
136 100
137 37.1 8.9 13.3#
54 48.5 7.1 10.7#
68 41.6 5.3 7.9#

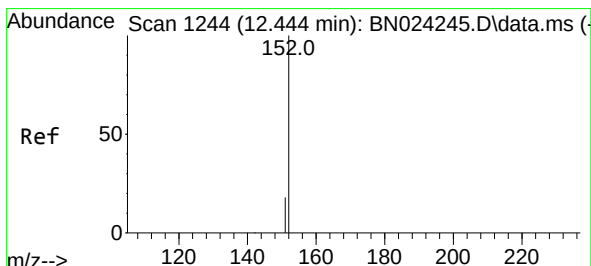
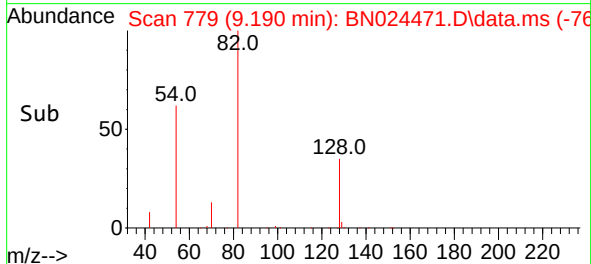
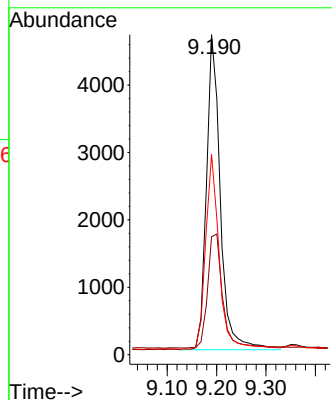
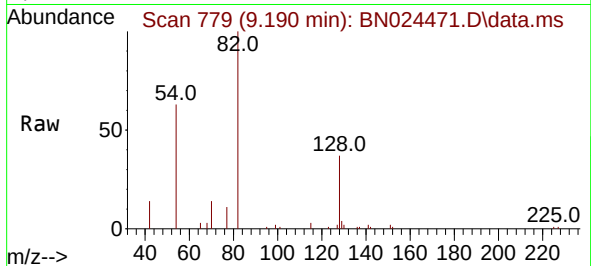




#8
 Nitrobenzene-d5
 Concen: 42.584 ng
 RT: 9.190 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BN024471.D
 Acq: 22 Mar 2023 07:03

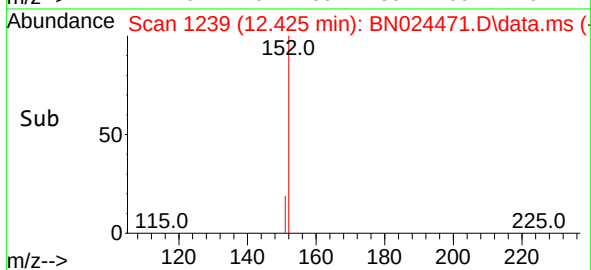
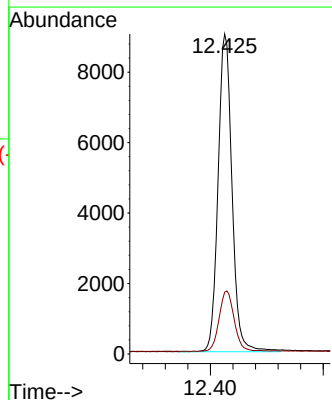
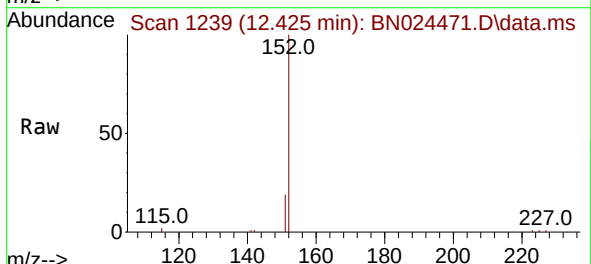
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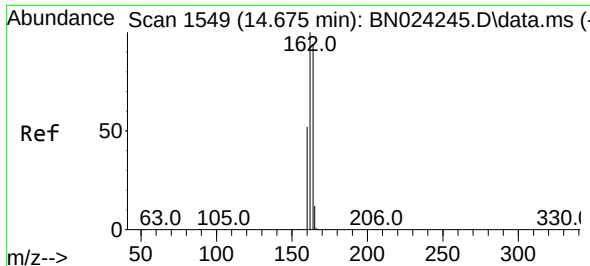
Tgt Ion: 82 Resp: 9105
 Ion Ratio Lower Upper
 82 100
 128 36.8 32.4 48.6
 54 62.6 45.2 67.8



#11
 2-Methylnaphthalene-d10
 Concen: 39.275 ng
 RT: 12.425 min Scan# 1239
 Delta R.T. -0.004 min
 Lab File: BN024471.D
 Acq: 22 Mar 2023 07:03

Tgt Ion:152 Resp: 15448
 Ion Ratio Lower Upper
 152 100
 151 20.4 16.8 25.2

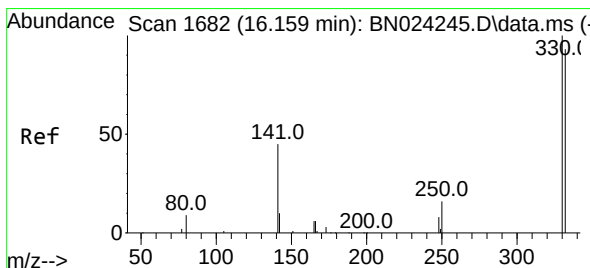
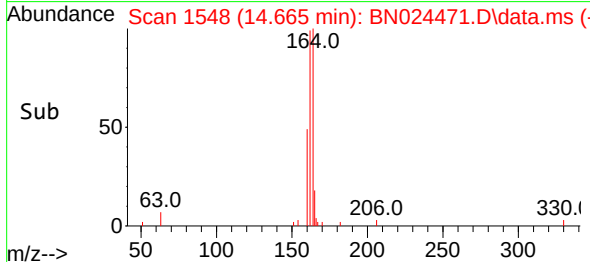
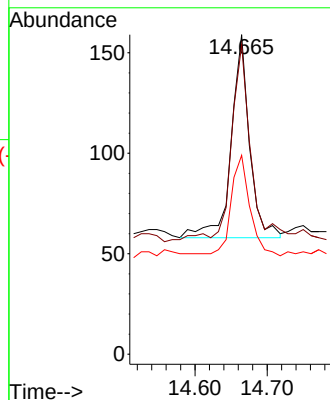
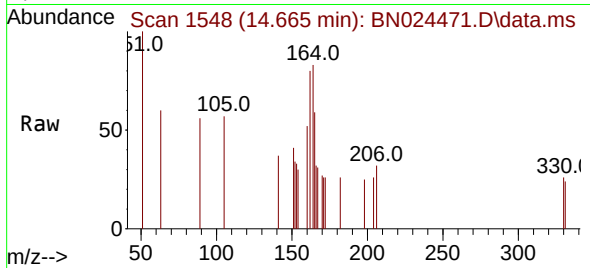




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.665 min Scan# 1548
Delta R.T. -0.000 min
Lab File: BN024471.D
Acq: 22 Mar 2023 07:03

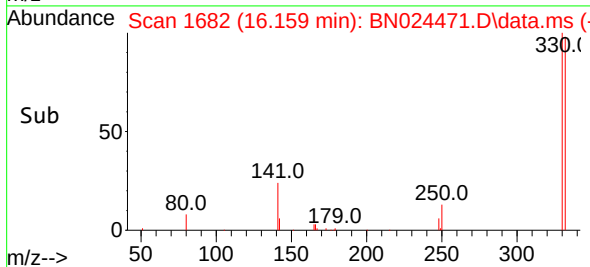
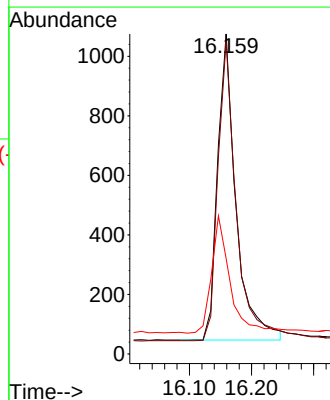
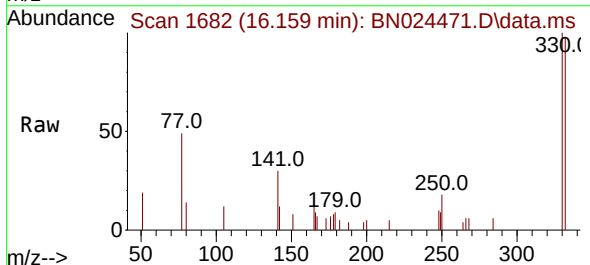
Instrument :
BNA_N
ClientSampleId :
SP6167

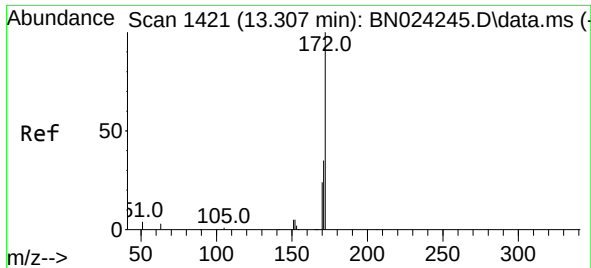
Tgt Ion:164 Resp: 180
Ion Ratio Lower Upper
164 100
162 96.9 84.7 127.1
160 62.3 44.6 66.8



#14
2,4,6-Tribromophenol
Concen: 22.978 ng
RT: 16.159 min Scan# 1682
Delta R.T. 0.012 min
Lab File: BN024471.D
Acq: 22 Mar 2023 07:03

Tgt Ion:330 Resp: 2114
Ion Ratio Lower Upper
330 100
332 97.8 78.0 117.0
141 38.6 30.8 46.2

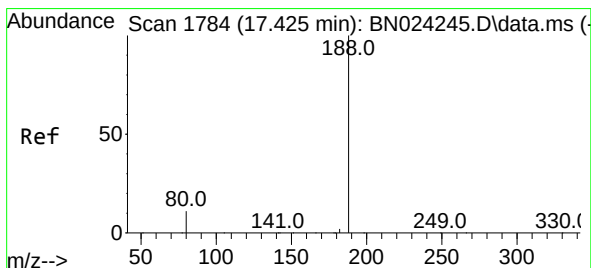
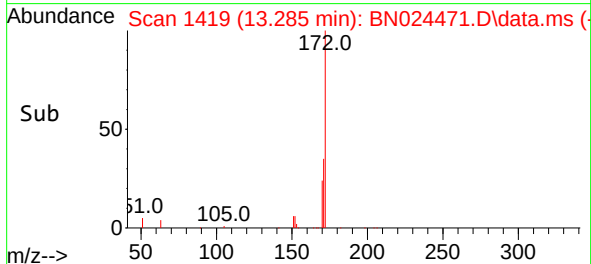
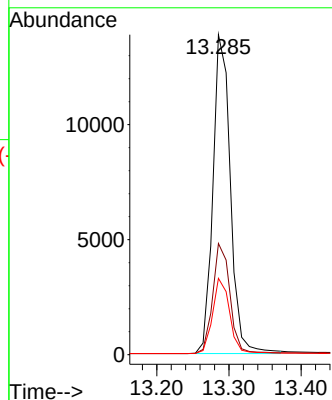
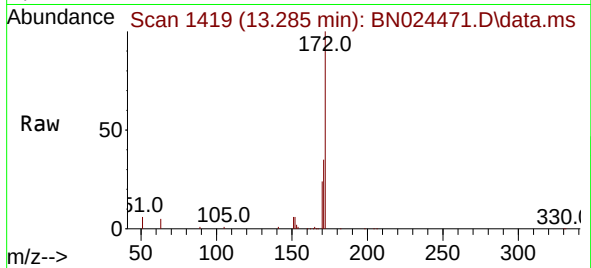




#15
2-Fluorobiphenyl
Concen: 34.328 ng
RT: 13.285 min Scan# 1421
Delta R.T. -0.011 min
Lab File: BN024471.D
Acq: 22 Mar 2023 07:03

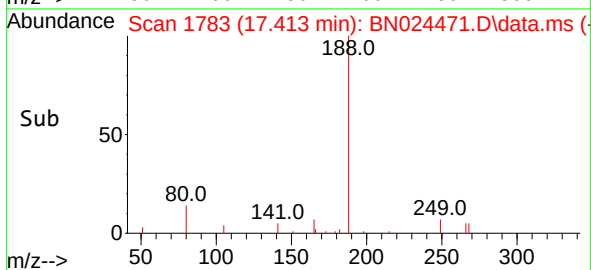
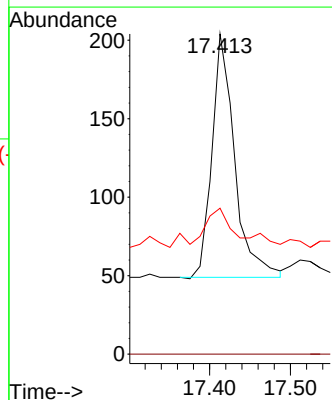
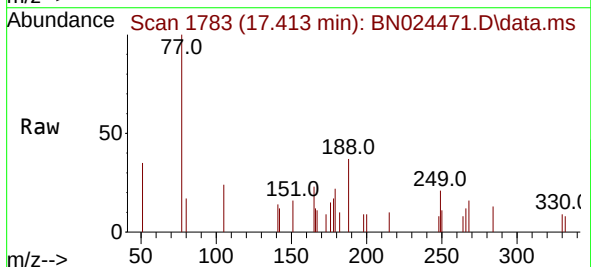
Instrument :
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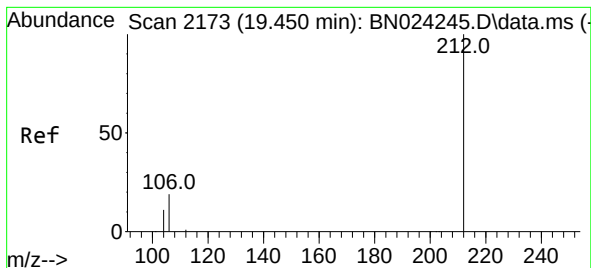
Tgt Ion:172 Resp: 23340
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.8
170 23.8 19.0 28.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.413 min Scan# 1783
Delta R.T. -0.000 min
Lab File: BN024471.D
Acq: 22 Mar 2023 07:03

Tgt Ion:188 Resp: 302
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 45.6 8.9 13.3





#27

Fluoranthene-d10

Concen: 40.737 ng

RT: 19.433 min Scan# 2169

Delta R.T. -0.004 min

Lab File: BN024471.D

Acq: 22 Mar 2023 07:03

Instrument :

BNA_N

ClientSampleId :

SP6167

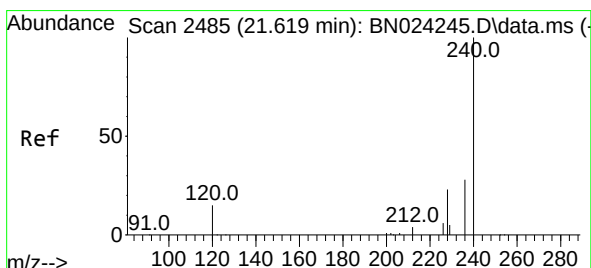
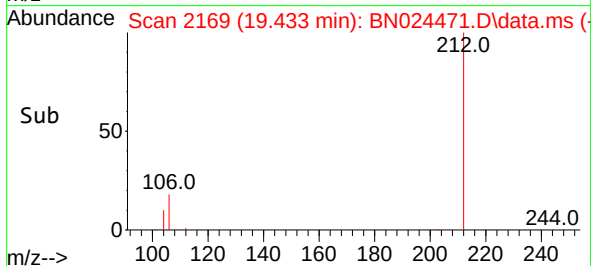
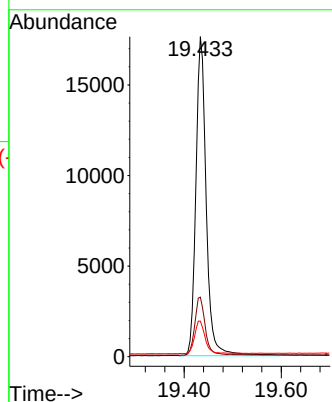
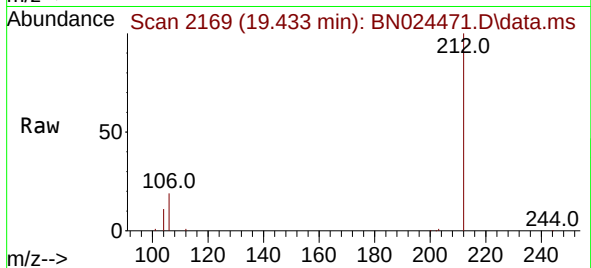
Tgt Ion:212 Resp: 26081

Ion Ratio Lower Upper

212 100

106 18.2 15.4 23.2

104 10.6 8.6 13.0



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.601 min Scan# 2483

Delta R.T. 0.009 min

Lab File: BN024471.D

Acq: 22 Mar 2023 07:03

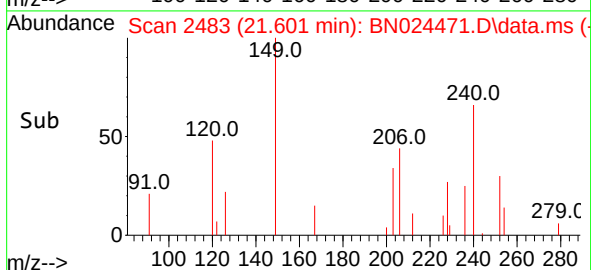
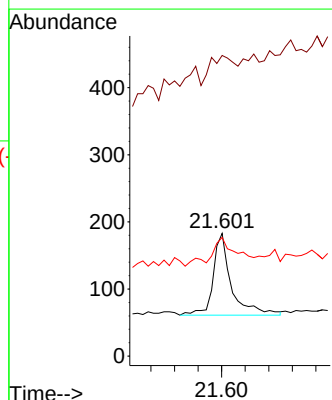
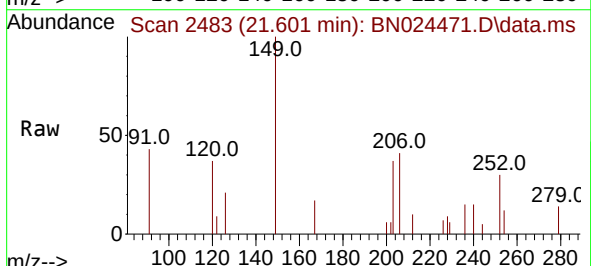
Tgt Ion:240 Resp: 262

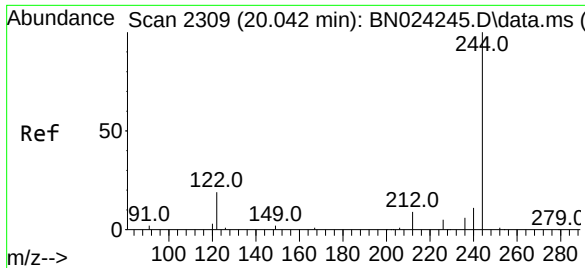
Ion Ratio Lower Upper

240 100

120 244.8 12.8 19.2#

236 96.7 22.5 33.7#

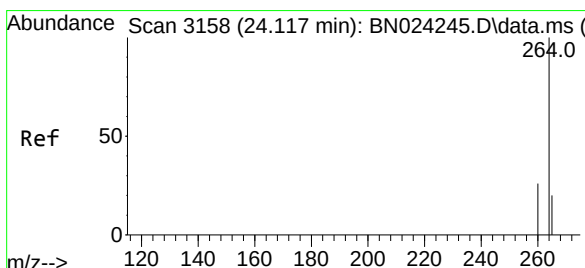
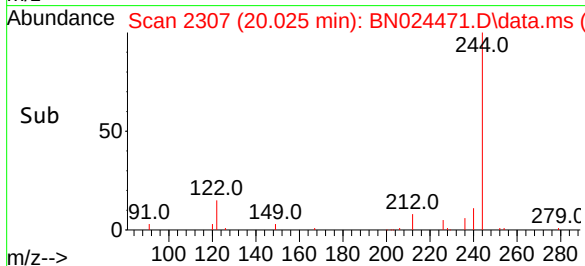
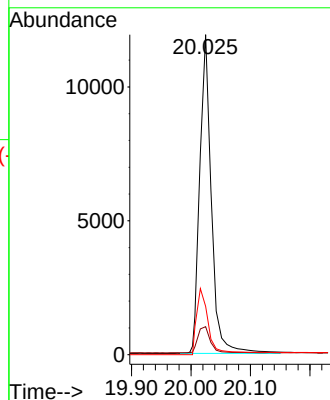
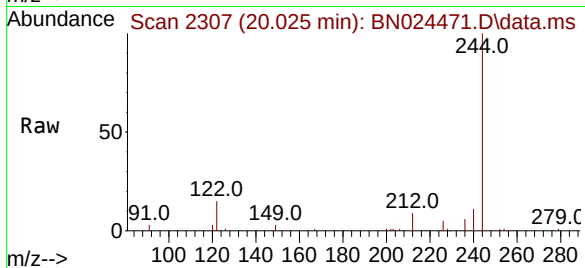




#31
 Terphenyl-d14
 Concen: 32.016 ng
 RT: 20.025 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN024471.D
 Acq: 22 Mar 2023 07:03

Instrument :
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 SP6167

Tgt Ion:244 Resp: 14143
 Ion Ratio Lower Upper
 244 100
 212 8.8 7.6 11.4
 122 15.1 15.1 22.7#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.088 min Scan# 3148
 Delta R.T. 0.009 min
 Lab File: BN024471.D
 Acq: 22 Mar 2023 07:03

Tgt Ion:264 Resp: 158
 Ion Ratio Lower Upper
 264 100
 260 47.6 21.4 32.2#
 265 2633.1 35.7 53.5#

