

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022323\
 Data File : BN024092.D
 Acq On : 22 Feb 2023 17:54
 Operator : CG/JU
 Sample : PB150977BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB150977BL

Quant Time: Feb 23 03:54:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN020723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 23 03:52:37 2023
 Response via : Initial Calibration

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

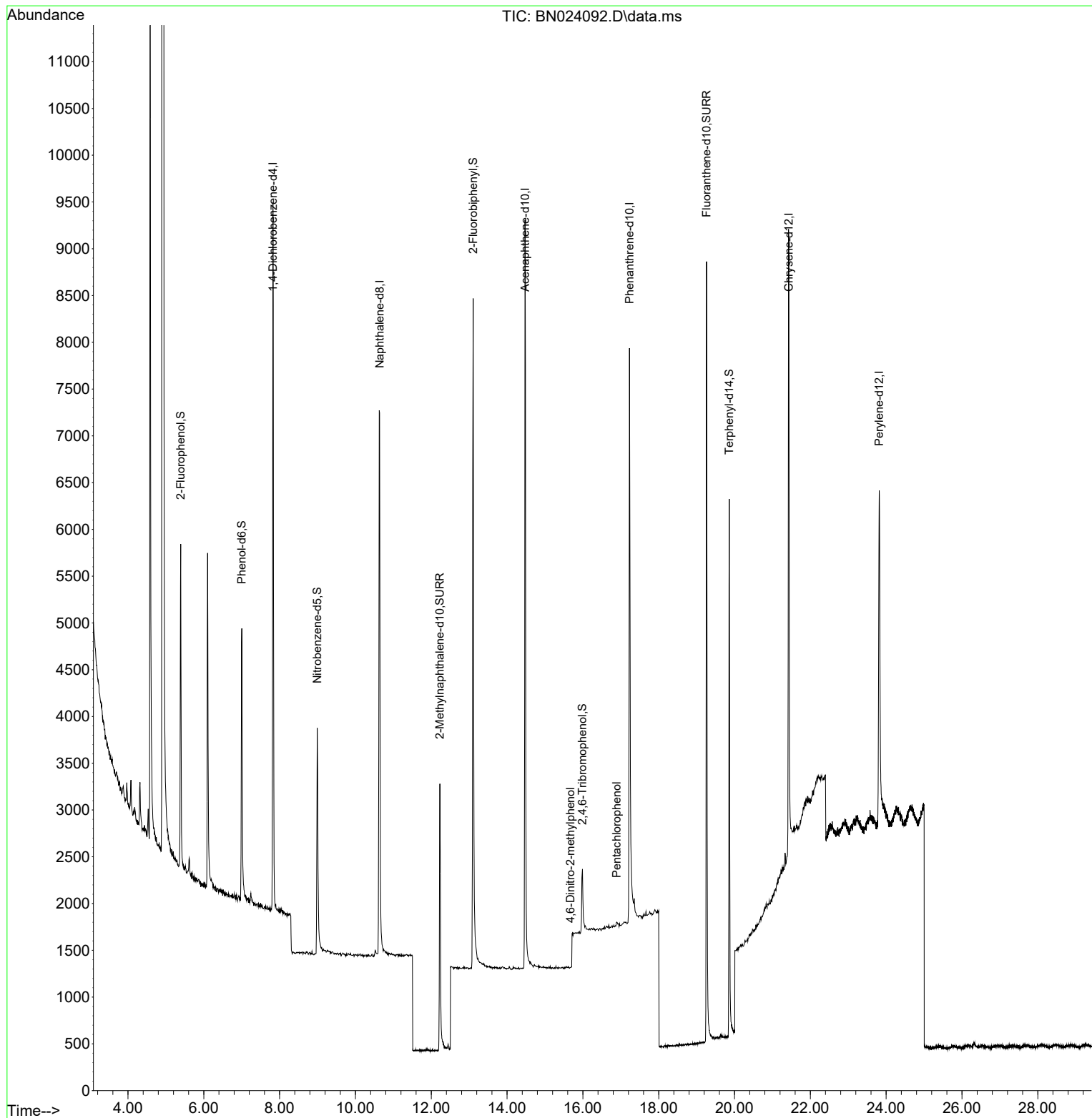
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	3726	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	9134	0.400	ng	0.01
13) Acenaphthene-d10	14.474	164	5077	0.400	ng	0.00
19) Phenanthrene-d10	17.228	188	11127	0.400	ng	# 0.00
29) Chrysene-d12	21.432	240	7766	0.400	ng	# 0.00
35) Perylene-d12	23.818	264	5980	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	2776	0.359	ng	0.00
5) Phenol-d6	7.002	99	3166	0.347	ng	0.00
8) Nitrobenzene-d5	8.993	82	2556	0.349	ng	0.00
11) 2-Methylnaphthalene-d10	12.227	152	4605	0.363	ng	0.00
14) 2,4,6-Tribromophenol	15.987	330	559	0.214	ng	0.01
15) 2-Fluorobiphenyl	13.105	172	7479	0.372	ng	0.00
27) Fluoranthene-d10	19.262	212	10710	0.397	ng	0.00
31) Terphenyl-d14	19.861	244	6992	0.482	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.671	198	6	0.195	ng	# 1
24) Pentachlorophenol	16.893	266	51	0.180	ng	# 58

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

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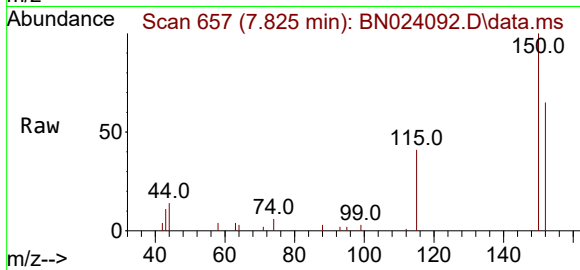
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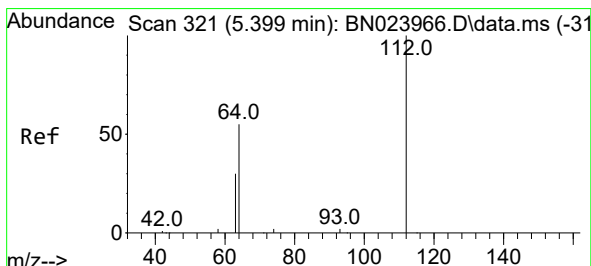
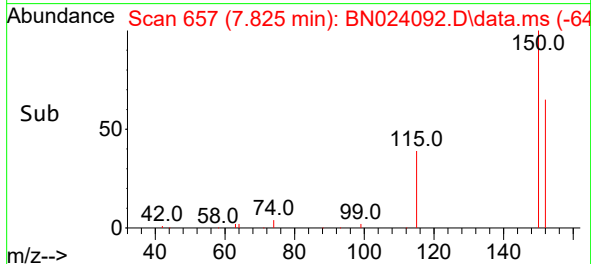
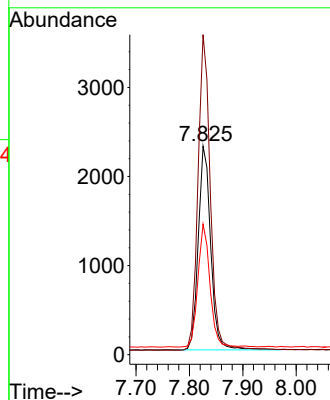
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.825 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN024092.D
Acq: 22 Feb 2023 17:54

Instrument :
BNA_N
ClientSampleId :
PB150977BL



Tgt Ion:152 Resp: 3726

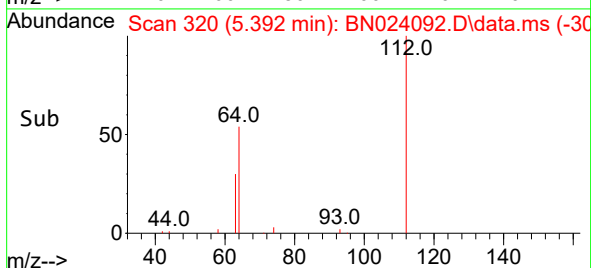
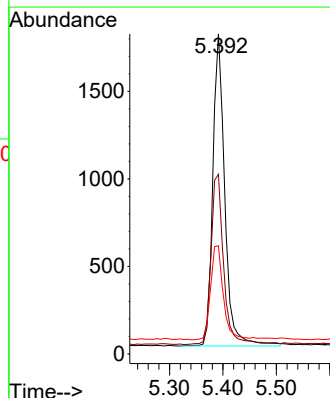
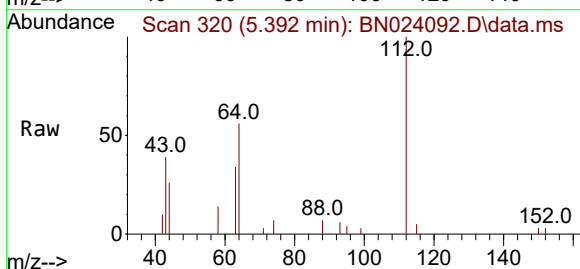
Ion	Ratio	Lower	Upper
152	100		
150	153.4	121.8	182.6
115	62.6	47.7	71.5

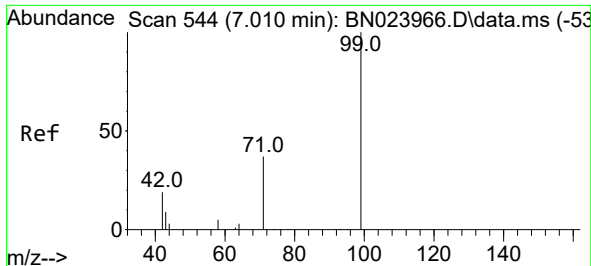


#4
2-Fluorophenol
Concen: 0.359 ng
RT: 5.392 min Scan# 320
Delta R.T. -0.000 min
Lab File: BN024092.D
Acq: 22 Feb 2023 17:54

Tgt Ion:112 Resp: 2776

Ion	Ratio	Lower	Upper
112	100		
64	57.7	44.8	67.2
63	32.3	25.1	37.7

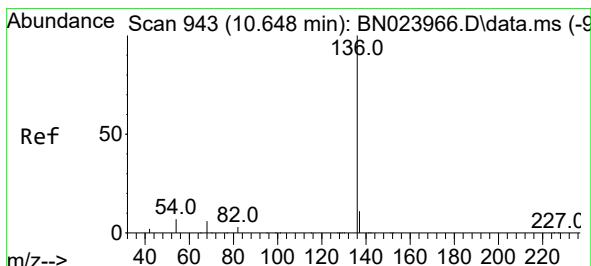
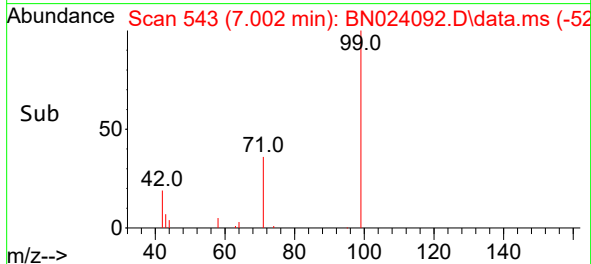
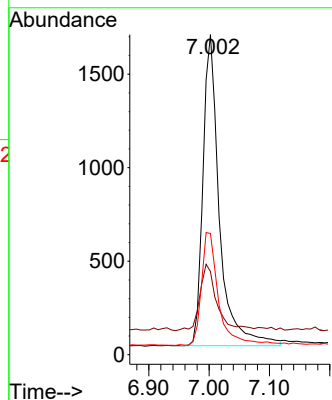
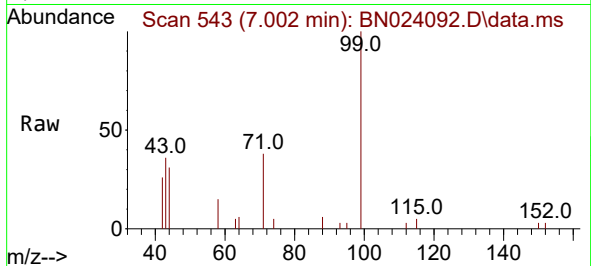




#5
Phenol-d6
Concen: 0.347 ng
RT: 7.002 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN024092.D
Acq: 22 Feb 2023 17:54

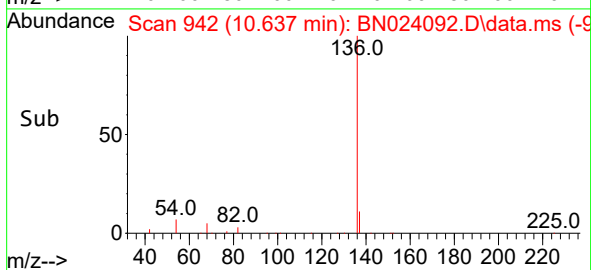
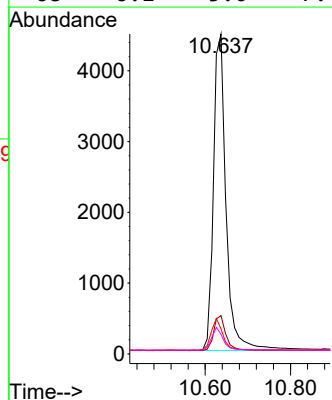
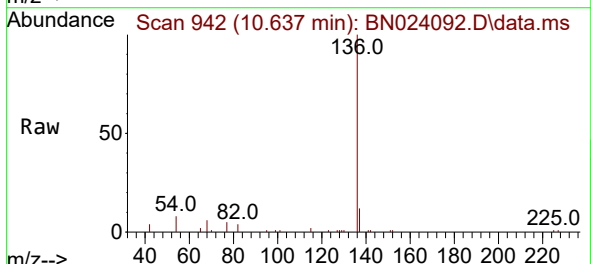
Instrument :
BNA_N
ClientSampleId :
PB150977BL

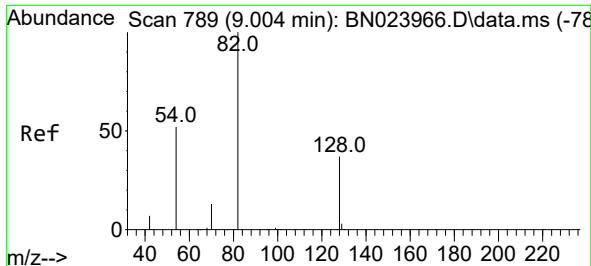
Tgt Ion: 99 Resp: 3166
Ion Ratio Lower Upper
99 100
42 21.8 17.0 25.6
71 38.2 29.0 43.4



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 942
Delta R.T. 0.011 min
Lab File: BN024092.D
Acq: 22 Feb 2023 17:54

Tgt Ion: 136 Resp: 9134
Ion Ratio Lower Upper
136 100
137 12.0 9.1 13.7
54 7.8 5.8 8.8
68 6.1 5.0 7.4

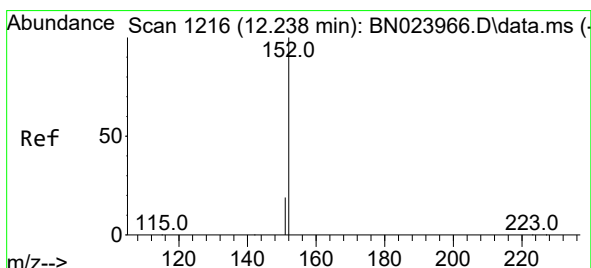
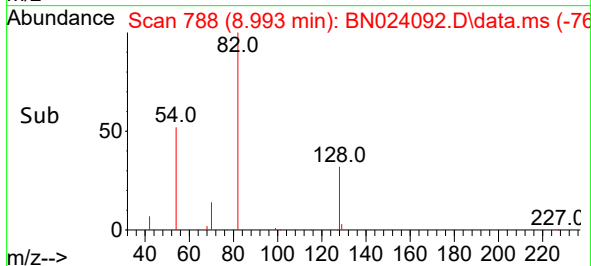
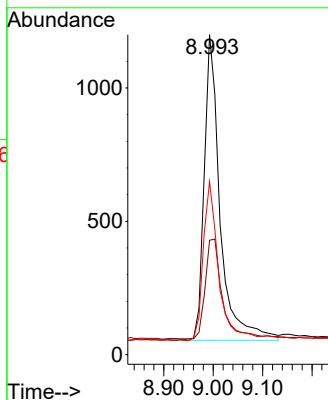
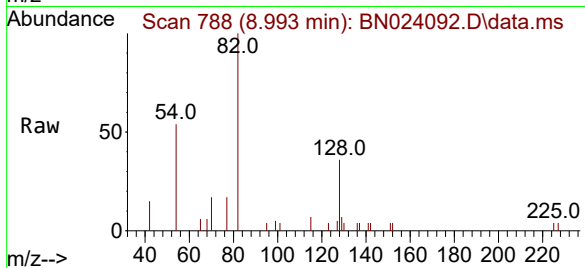




#8
Nitrobenzene-d5
Concen: 0.349 ng
RT: 8.993 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN024092.D
Acq: 22 Feb 2023 17:54

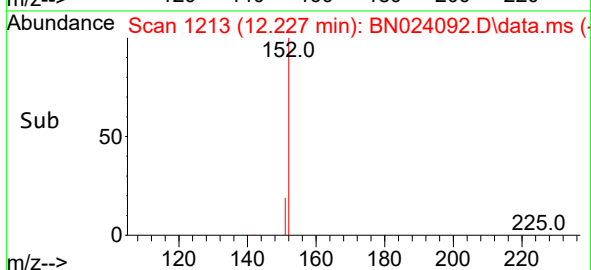
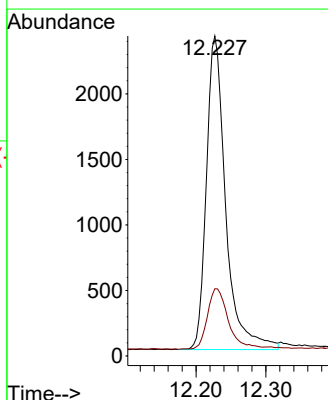
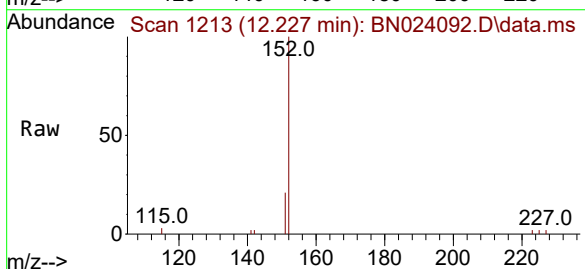
Instrument :
BNA_N
ClientSampleId :
PB150977BL

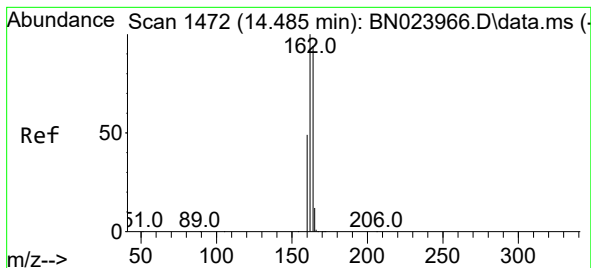
Tgt Ion: 82 Resp: 2556
Ion Ratio Lower Upper
82 100
128 35.8 31.5 47.3
54 54.1 42.8 64.2



#11
2-Methylnaphthalene-d10
Concen: 0.363 ng
RT: 12.227 min Scan# 1213
Delta R.T. 0.004 min
Lab File: BN024092.D
Acq: 22 Feb 2023 17:54

Tgt Ion: 152 Resp: 4605
Ion Ratio Lower Upper
152 100
151 20.9 16.6 24.8





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.474 min Scan# 1471

Delta R.T. -0.000 min

Lab File: BN024092.D

Acq: 22 Feb 2023 17:54

Instrument :

BNA_N

ClientSampleId :

PB150977BL

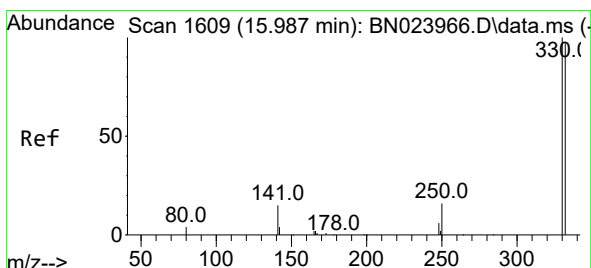
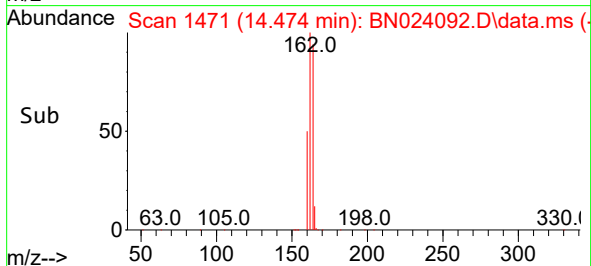
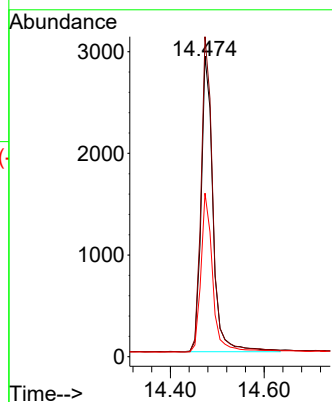
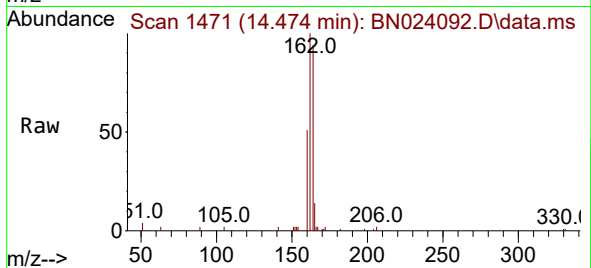
Tgt Ion:164 Resp: 5077

Ion Ratio Lower Upper

164 100

162 106.4 84.8 127.2

160 54.4 42.0 63.0



#14

2,4,6-Tribromophenol

Concen: 0.214 ng

RT: 15.987 min Scan# 1609

Delta R.T. 0.012 min

Lab File: BN024092.D

Acq: 22 Feb 2023 17:54

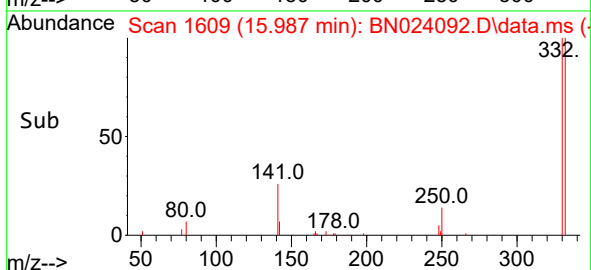
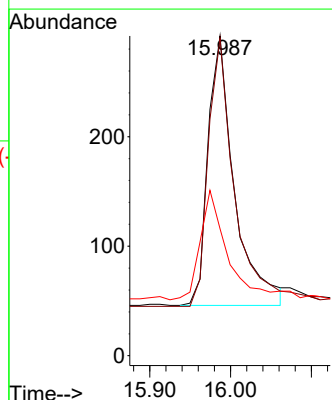
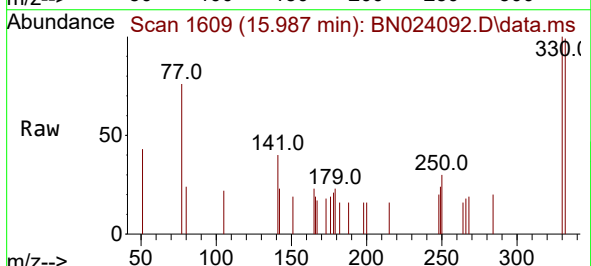
Tgt Ion:330 Resp: 559

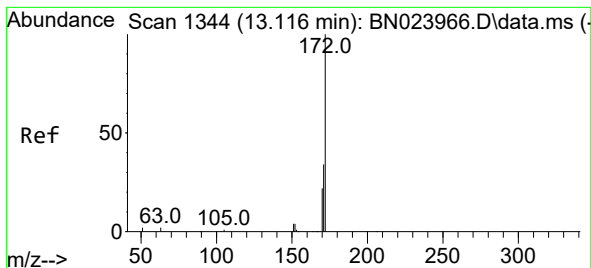
Ion Ratio Lower Upper

330 100

332 100.2 77.7 116.5

141 42.0 26.6 39.8#





#15

2-Fluorobiphenyl

Concen: 0.372 ng

RT: 13.105 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN024092.D

Acq: 22 Feb 2023 17:54

Instrument :

BNA_N

ClientSampleId :

PB150977BL

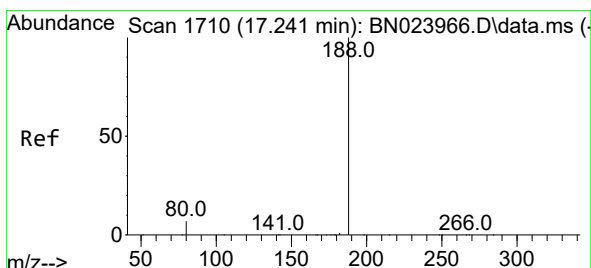
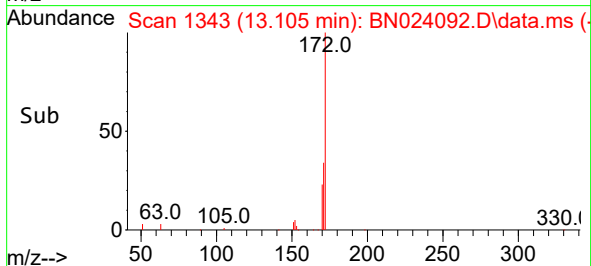
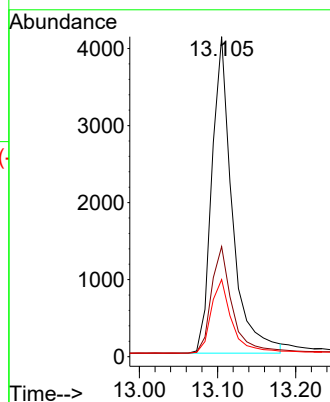
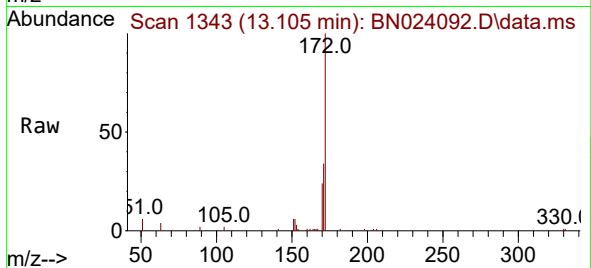
Tgt Ion:172 Resp: 7479

Ion Ratio Lower Upper

172 100

171 34.4 27.4 41.2

170 24.1 18.2 27.4



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.228 min Scan# 1709

Delta R.T. -0.000 min

Lab File: BN024092.D

Acq: 22 Feb 2023 17:54

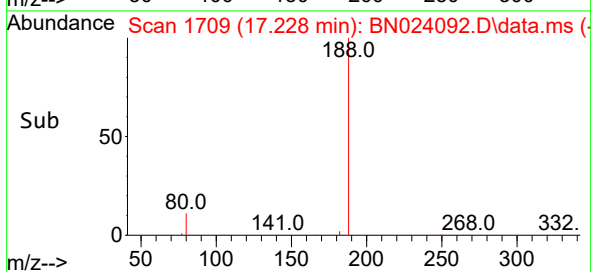
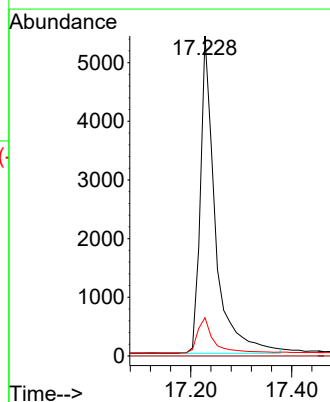
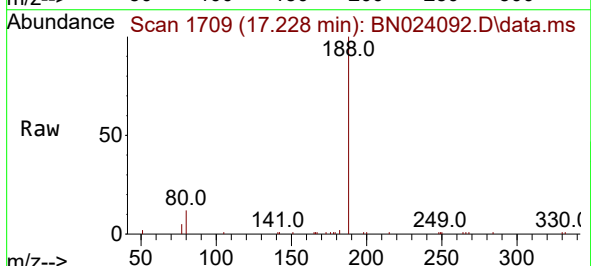
Tgt Ion:188 Resp: 11127

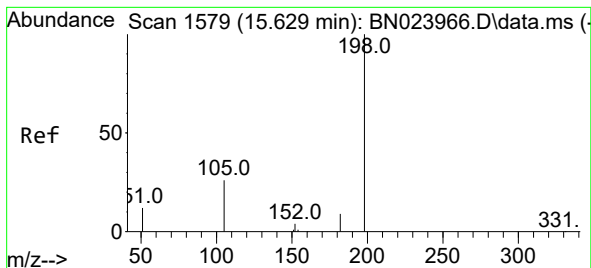
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.0 6.1 9.1#

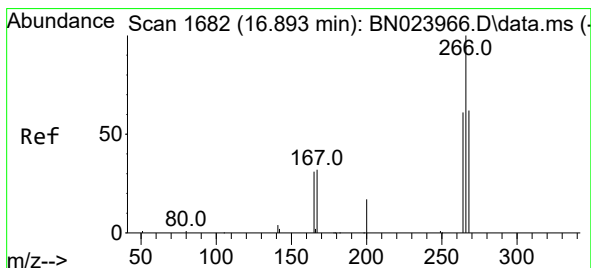
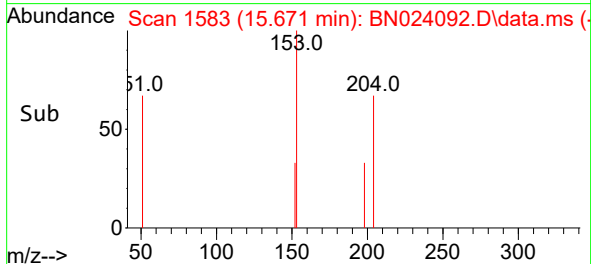
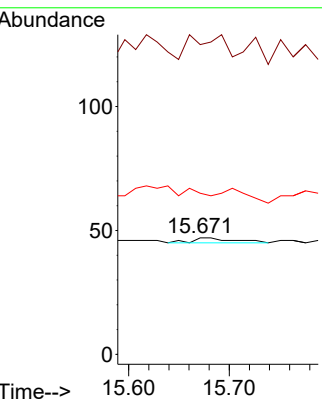
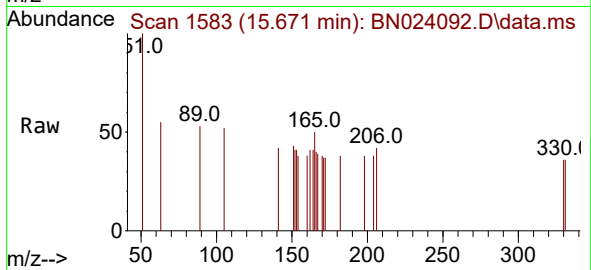




#20
4,6-Dinitro-2-methylphenol
Concen: 0.195 ng
RT: 15.671 min Scan# 1583
Delta R.T. 0.053 min
Lab File: BN024092.D
Acq: 22 Feb 2023 17:54

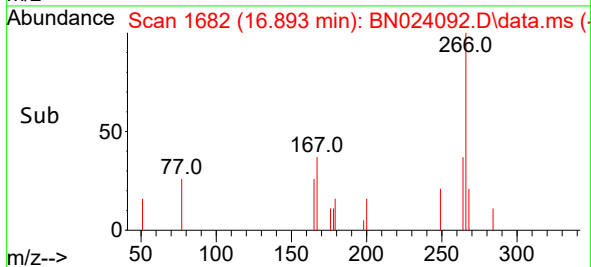
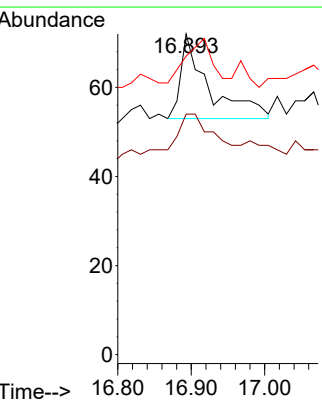
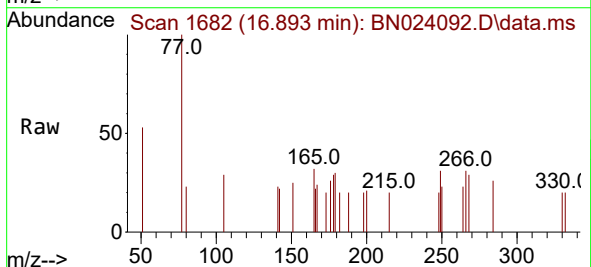
Instrument :
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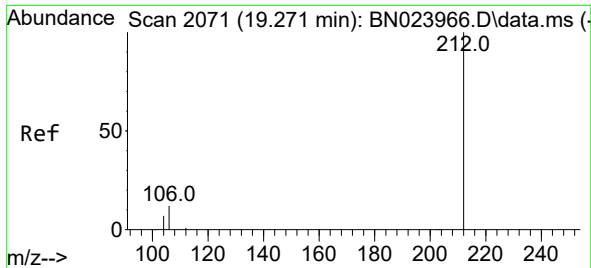
Tgt Ion:198 Resp: 6
Ion Ratio Lower Upper
198 100
51 266.0 36.8 55.2#
105 138.3 28.8 43.2#



#24
Pentachlorophenol
Concen: 0.180 ng
RT: 16.893 min Scan# 1682
Delta R.T. 0.012 min
Lab File: BN024092.D
Acq: 22 Feb 2023 17:54

Tgt Ion:266 Resp: 51
Ion Ratio Lower Upper
266 100
264 62.7 47.6 71.4
268 0.0 47.5 71.3#

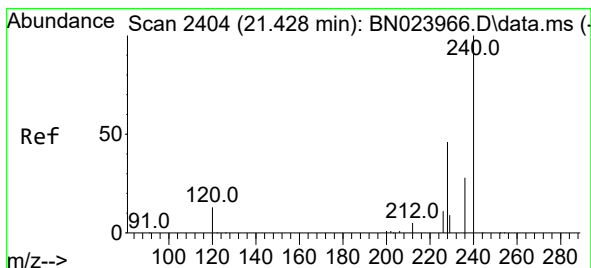
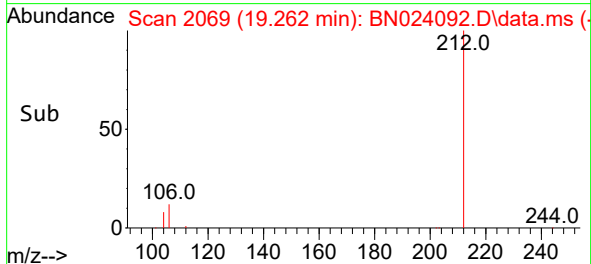
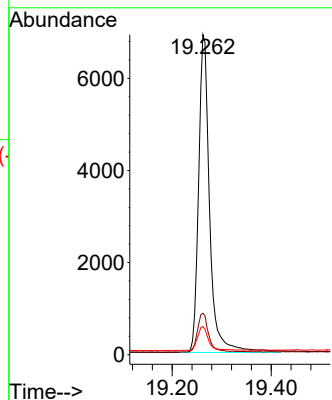
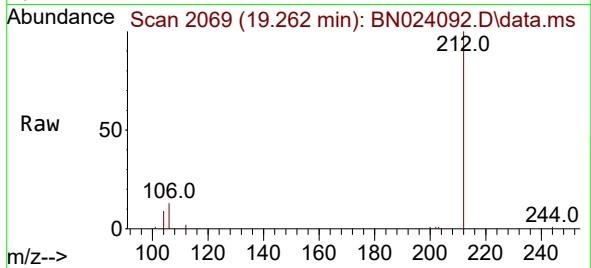




#27
Fluoranthene-d10
Concen: 0.397 ng
RT: 19.262 min Scan# 2069
Delta R.T. -0.000 min
Lab File: BN024092.D
Acq: 22 Feb 2023 17:54

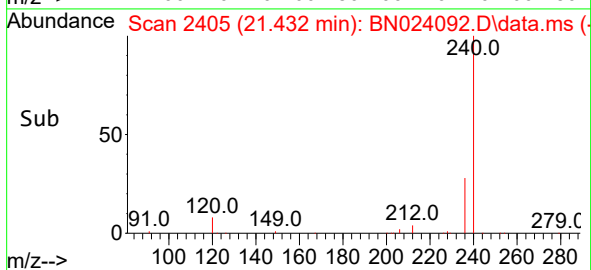
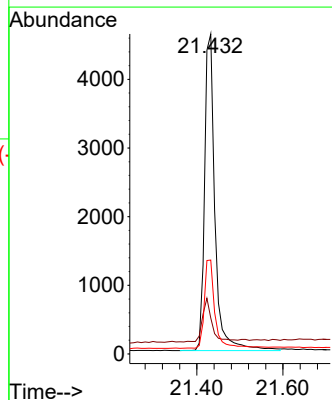
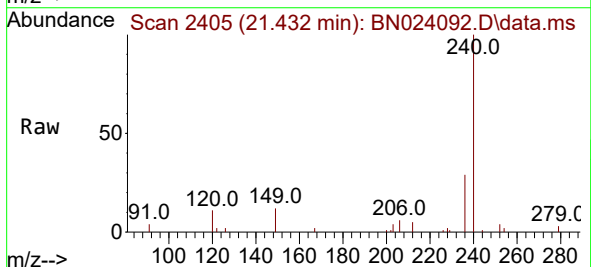
Instrument :
BNA_N
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PB150977BL

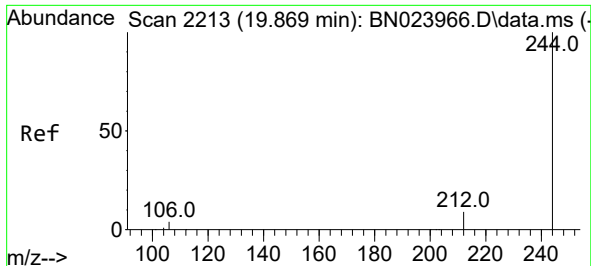
Tgt Ion:212 Resp: 10710
Ion Ratio Lower Upper
212 100
106 12.2 9.2 13.8
104 7.7 5.7 8.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.432 min Scan# 2405
Delta R.T. 0.004 min
Lab File: BN024092.D
Acq: 22 Feb 2023 17:54

Tgt Ion:240 Resp: 7766
Ion Ratio Lower Upper
240 100
120 11.3 11.4 17.0#
236 29.3 23.2 34.8

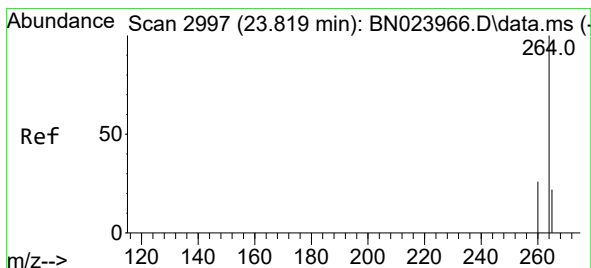
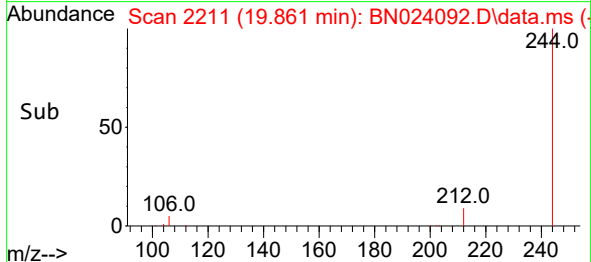
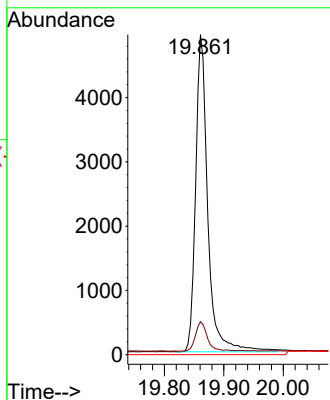
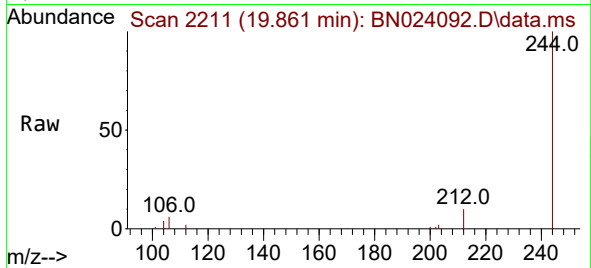




#31
 Terphenyl-d14
 Concen: 0.482 ng
 RT: 19.861 min Scan# 211
 Delta R.T. -0.000 min
 Lab File: BN024092.D
 Acq: 22 Feb 2023 17:54

Instrument :
 BNA_N
 ClientSampleId :
 PB150977BL

Tgt Ion:244 Resp: 6992
 Ion Ratio Lower Upper
 244 100
 212 10.3 7.7 11.5
 122 0.0 0.0 0.0



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.818 min Scan# 2996
 Delta R.T. 0.001 min
 Lab File: BN024092.D
 Acq: 22 Feb 2023 17:54

Tgt Ion:264 Resp: 5980
 Ion Ratio Lower Upper
 264 100
 260 28.7 21.4 32.0
 265 92.0 41.4 62.0#

