

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122823\
 Data File : BN029221.D
 Acq On : 28 Dec 2023 19:12
 Operator : MA/JU
 Sample : 05967-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 COLS8

Quant Time: Dec 29 01:37:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 28 01:20:47 2023
 Response via : Initial Calibration

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

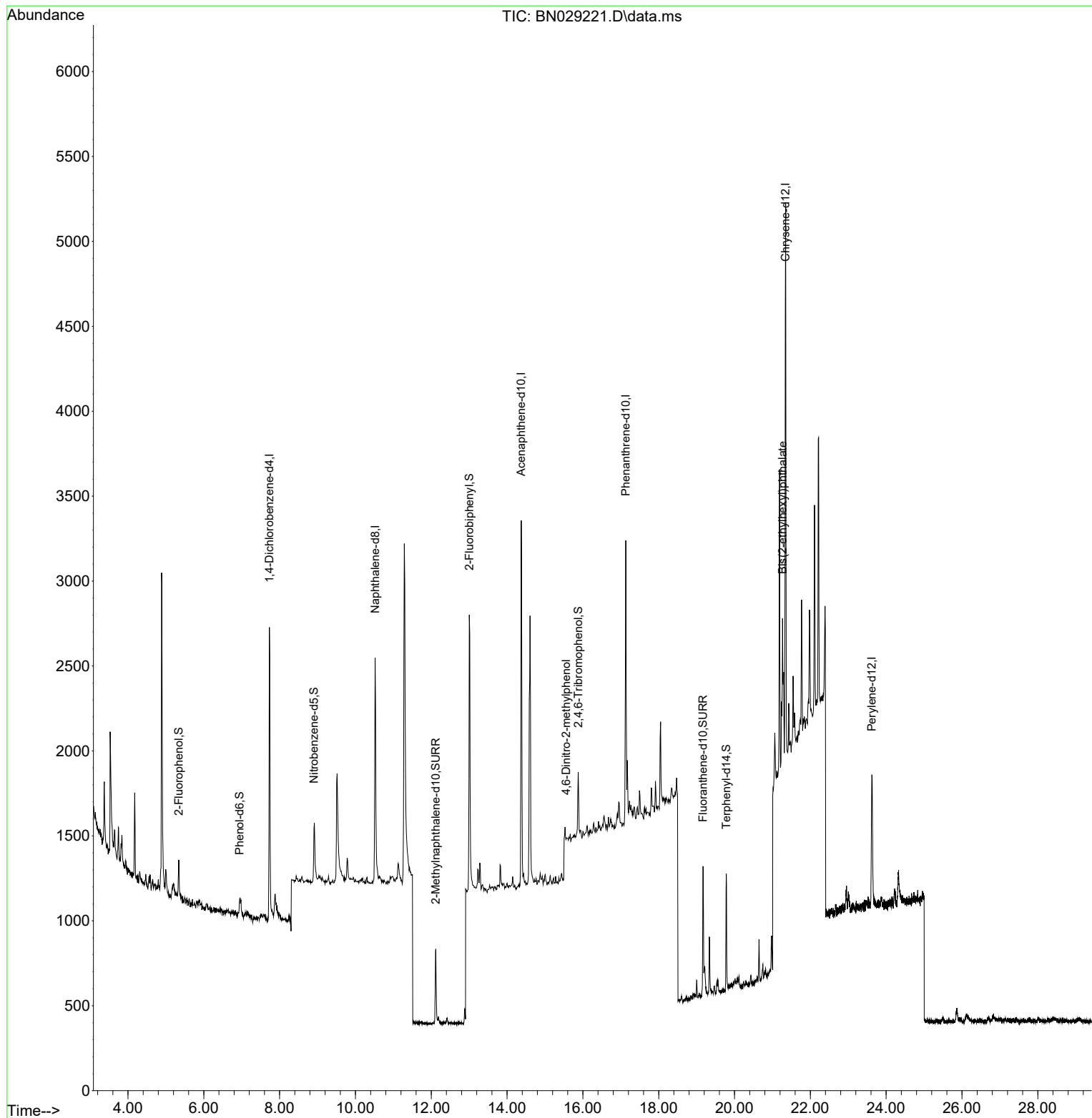
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.732	152	946	0.400	ng	0.00
7) Naphthalene-d8	10.519	136	2037	0.400	ng	0.00
13) Acenaphthene-d10	14.372	164	1330	0.400	ng	0.00
19) Phenanthrene-d10	17.131	188	2363	0.400	ng	0.00
29) Chrysene-d12	21.340	240	945	0.400	ng	0.00
35) Perylene-d12	23.622	264	1065	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	171	0.078	ng	0.00
5) Phenol-d6	6.944	99	117	0.047	ng	0.00
8) Nitrobenzene-d5	8.907	82	470	0.184	ng	0.00
11) 2-Methylnaphthalene-d10	12.117	152	661	0.188	ng	0.00
14) 2,4,6-Tribromophenol	15.878	330	223	0.217	ng	0.00
15) 2-Fluorobiphenyl	13.004	172	1740	0.244	ng	0.00
27) Fluoranthene-d10	19.169	212	903	0.188	ng	0.00
31) Terphenyl-d14	19.782	244	586	0.200	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.555	198	3	0.106	ng	Qvalue # 1
34) Bis(2-ethylhexyl)phtha...	21.268	149	819	0.104	ng	# 77

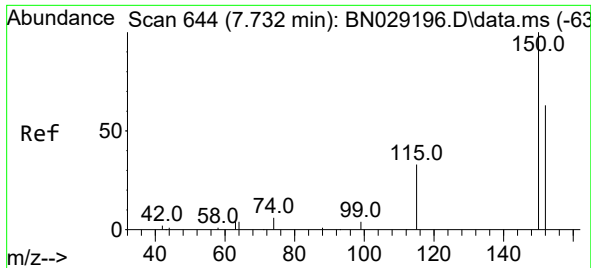
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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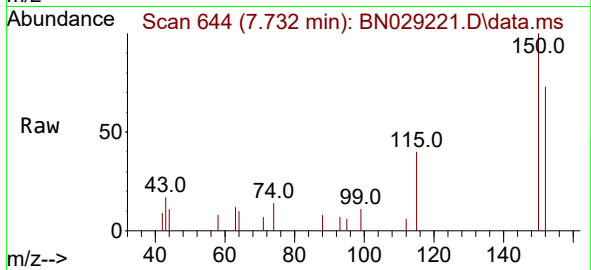
Quant Time: Dec 29 01:37:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



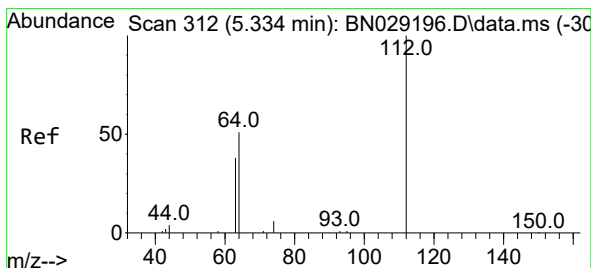
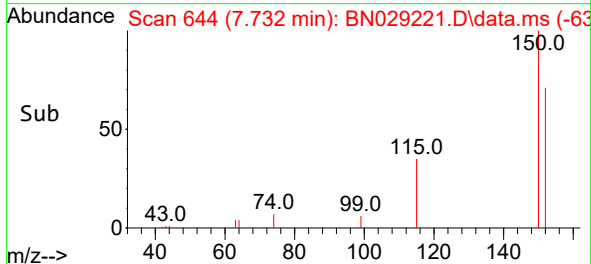
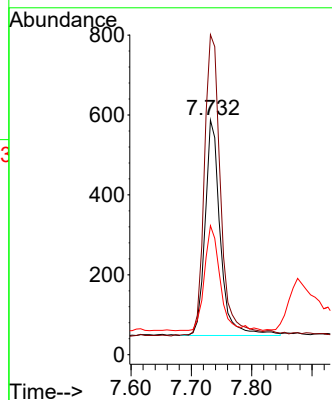


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.732 min Scan# 644
Delta R.T. -0.000 min
Lab File: BN029221.D
Acq: 28 Dec 2023 19:12

Instrument :
BNA_N
ClientSampleId :
COLS8

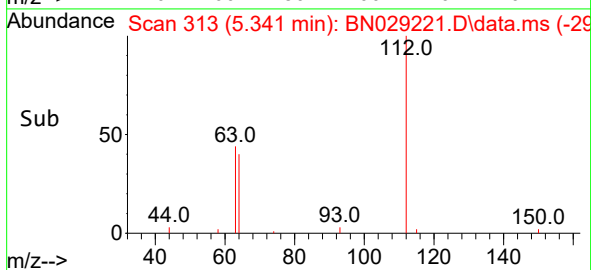
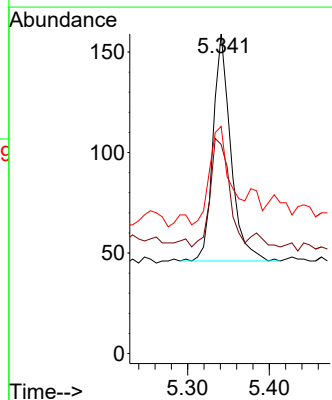
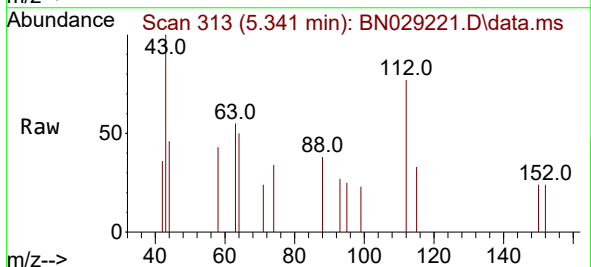


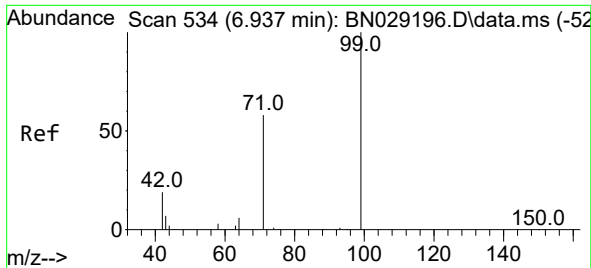
Tgt Ion:152 Resp: 946
Ion Ratio Lower Upper
152 100
150 136.5 122.2 183.2
115 55.0 48.2 72.4



#4
2-Fluorophenol
Concen: 0.078 ng
RT: 5.341 min Scan# 313
Delta R.T. 0.007 min
Lab File: BN029221.D
Acq: 28 Dec 2023 19:12

Tgt Ion:112 Resp: 171
Ion Ratio Lower Upper
112 100
64 50.9 38.8 58.2
63 50.3 30.6 45.8#

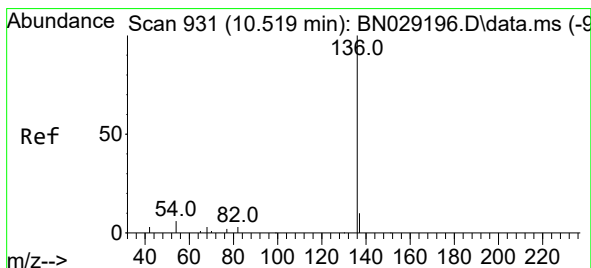
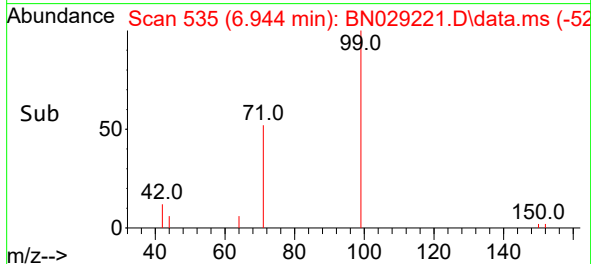
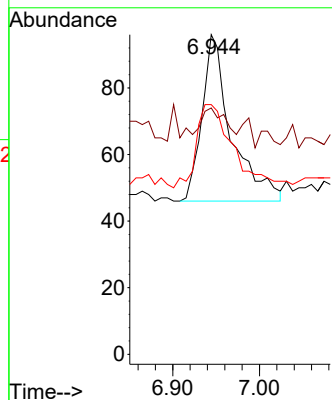
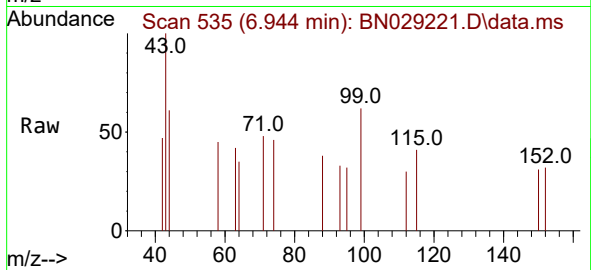




#5
Phenol-d6
Concen: 0.047 ng
RT: 6.944 min Scan# 511
Delta R.T. 0.007 min
Lab File: BN029221.D
Acq: 28 Dec 2023 19:12

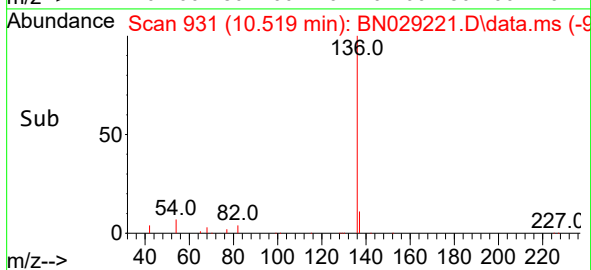
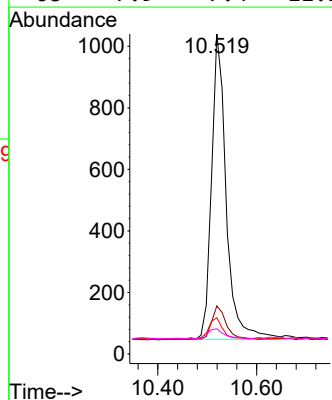
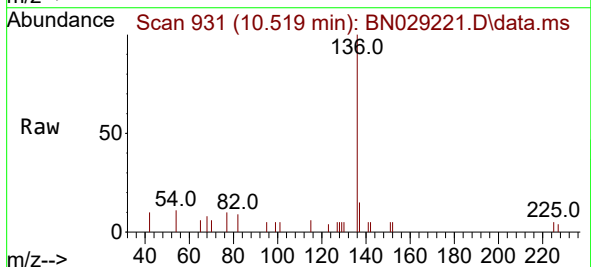
Instrument :
BNA_N
ClientSampleId :
COLS8

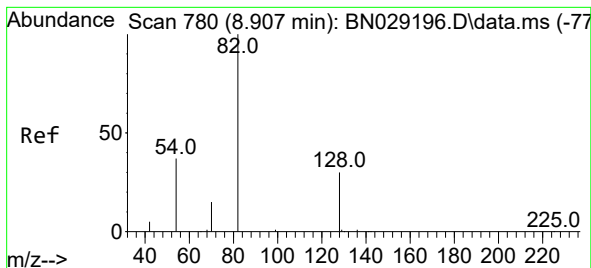
Tgt Ion: 99 Resp: 117
Ion Ratio Lower Upper
99 100
42 15.4 18.3 27.5#
71 64.1 48.6 73.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.519 min Scan# 931
Delta R.T. 0.000 min
Lab File: BN029221.D
Acq: 28 Dec 2023 19:12

Tgt Ion: 136 Resp: 2037
Ion Ratio Lower Upper
136 100
137 15.0 13.0 19.4
54 11.3 9.8 14.6
68 7.9 7.4 11.2





#8

Nitrobenzene-d5

Concen: 0.184 ng

RT: 8.907 min Scan# 71

Delta R.T. 0.000 min

Lab File: BN029221.D

Acq: 28 Dec 2023 19:12

Instrument :

BNA_N

ClientSampleId :

COLS8

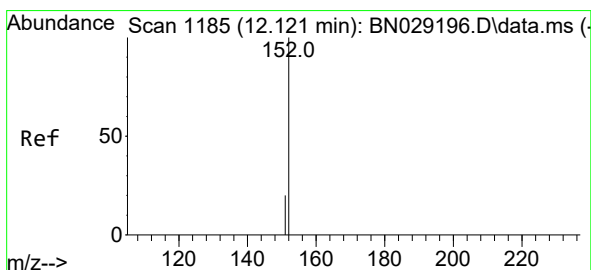
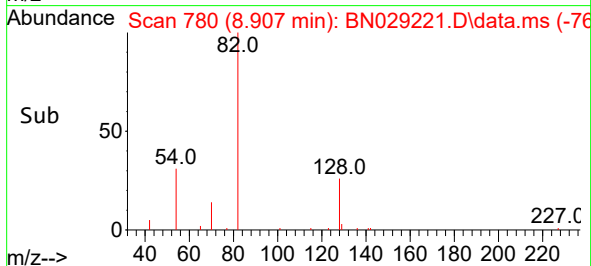
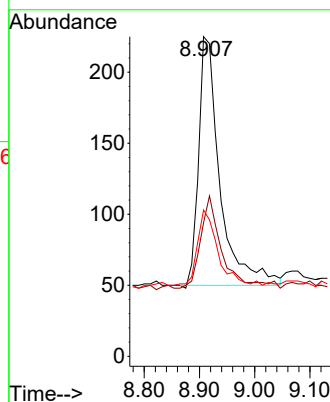
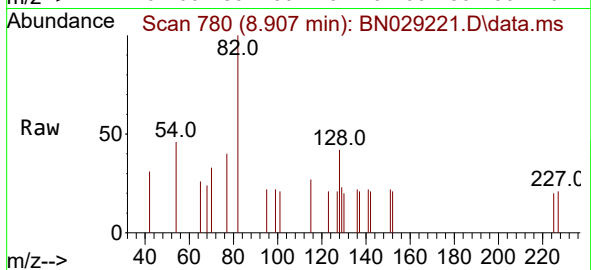
Tgt Ion: 82 Resp: 470

Ion Ratio Lower Upper

82 100

128 41.8 34.2 51.2

54 45.8 38.8 58.2



#11

2-Methylnaphthalene-d10

Concen: 0.188 ng

RT: 12.117 min Scan# 1184

Delta R.T. -0.004 min

Lab File: BN029221.D

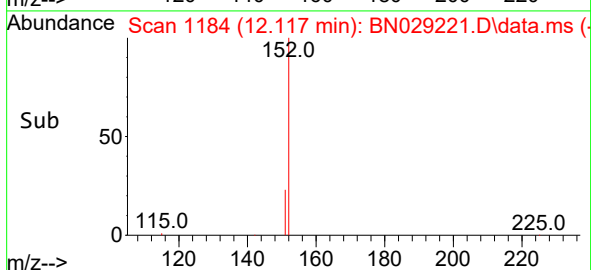
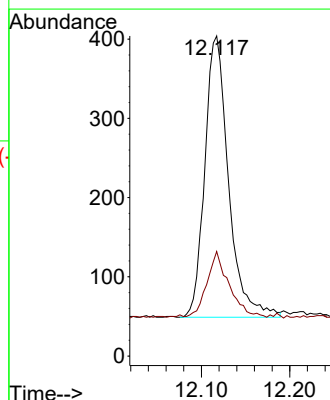
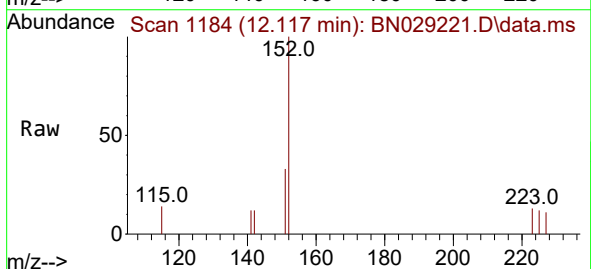
Acq: 28 Dec 2023 19:12

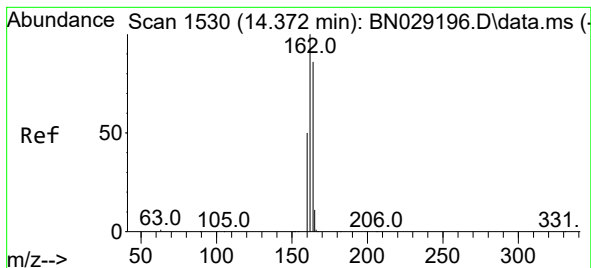
Tgt Ion: 152 Resp: 661

Ion Ratio Lower Upper

152 100

151 22.1 16.6 24.8





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.372 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN029221.D

Acq: 28 Dec 2023 19:12

Instrument :

BNA_N

ClientSampleId :

COLS8

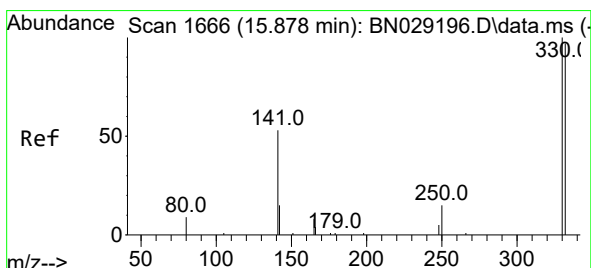
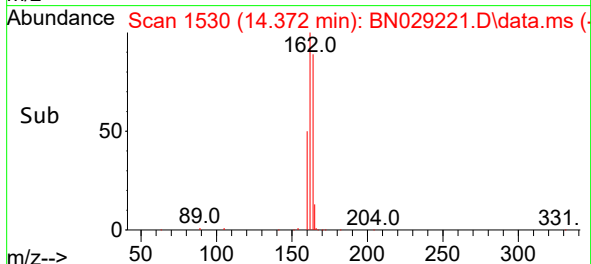
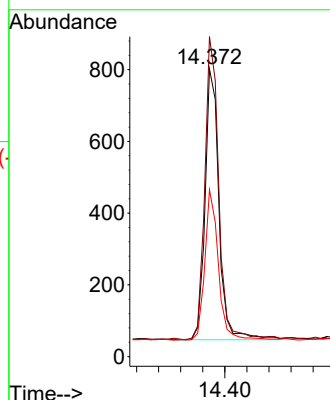
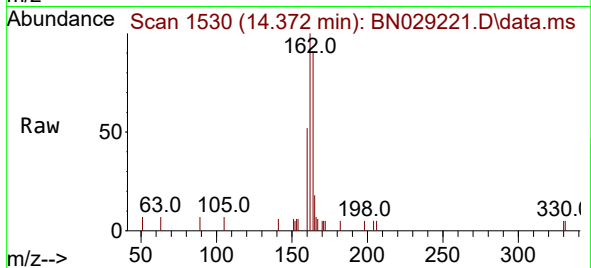
Tgt Ion:164 Resp: 1330

Ion Ratio Lower Upper

164 100

162 111.2 91.8 137.8

160 58.0 49.4 74.2



#14

2,4,6-Tribromophenol

Concen: 0.217 ng

RT: 15.878 min Scan# 1666

Delta R.T. 0.000 min

Lab File: BN029221.D

Acq: 28 Dec 2023 19:12

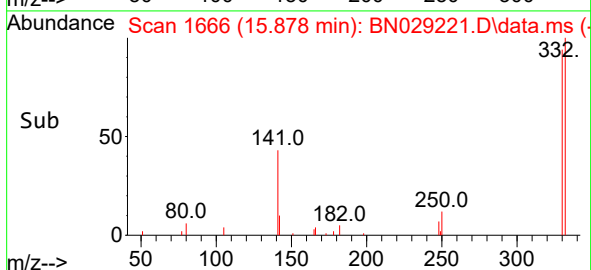
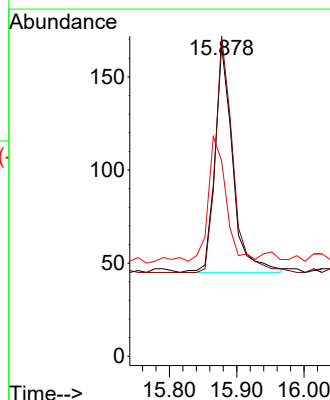
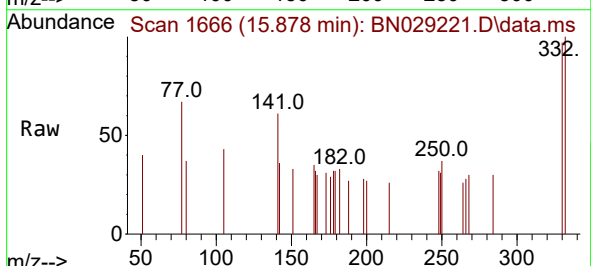
Tgt Ion:330 Resp: 223

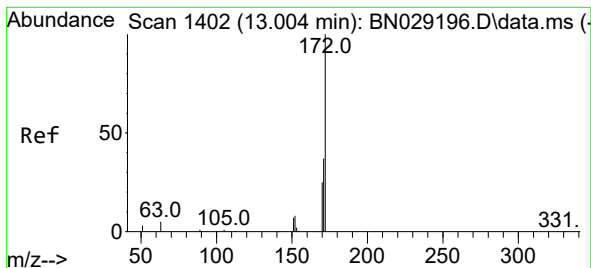
Ion Ratio Lower Upper

330 100

332 102.2 74.4 111.6

141 54.3 46.7 70.1

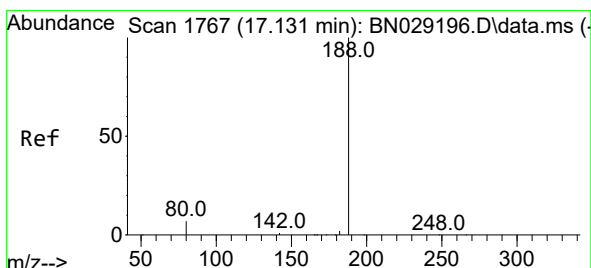
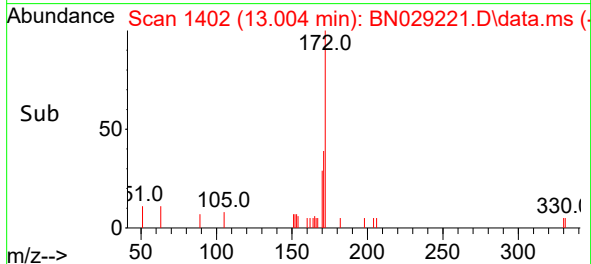
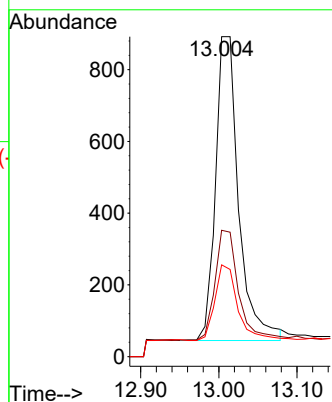
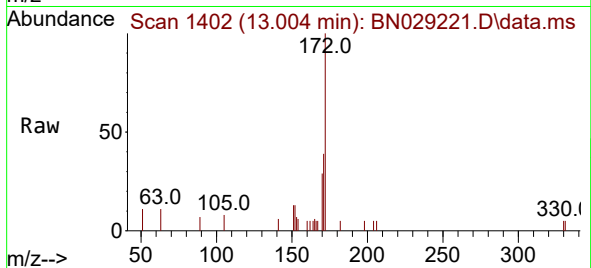




#15
2-Fluorobiphenyl
Concen: 0.244 ng
RT: 13.004 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BN029221.D
Acq: 28 Dec 2023 19:12

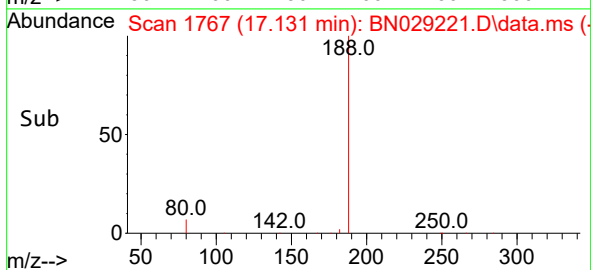
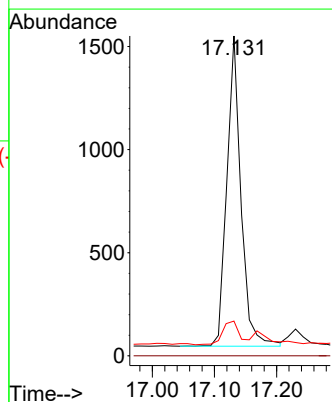
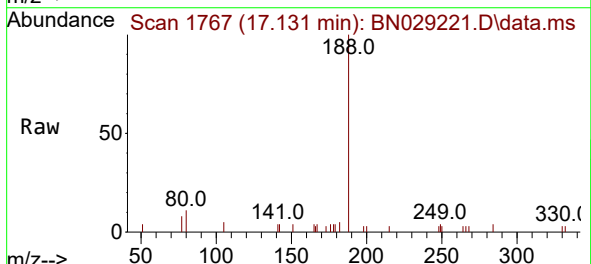
Instrument :
BNA_N
ClientSampleId :
COLS8

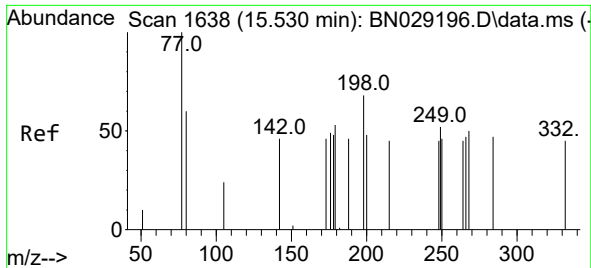
Tgt Ion:172 Resp: 1740
Ion Ratio Lower Upper
172 100
171 39.5 32.8 49.2
170 28.7 24.0 36.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.131 min Scan# 1767
Delta R.T. 0.000 min
Lab File: BN029221.D
Acq: 28 Dec 2023 19:12

Tgt Ion:188 Resp: 2363
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.9 8.8 13.2

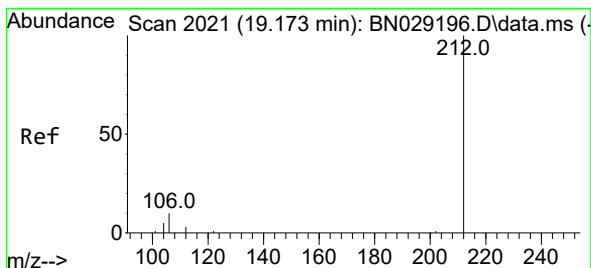
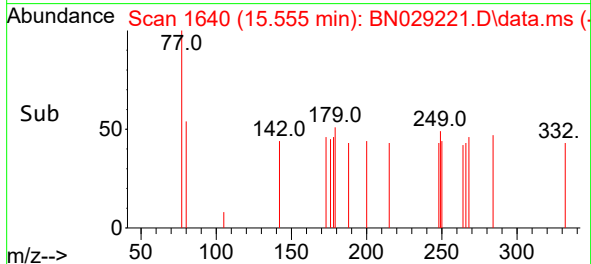
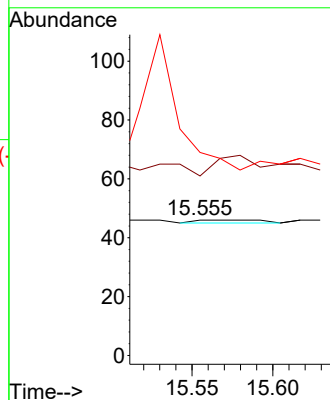
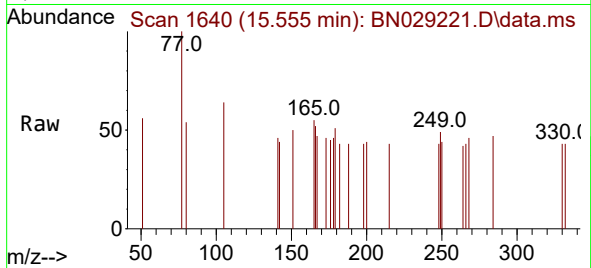




#20
4,6-Dinitro-2-methylphenol
Concen: 0.106 ng
RT: 15.555 min Scan# 1
Delta R.T. 0.025 min
Lab File: BN029221.D
Acq: 28 Dec 2023 19:12

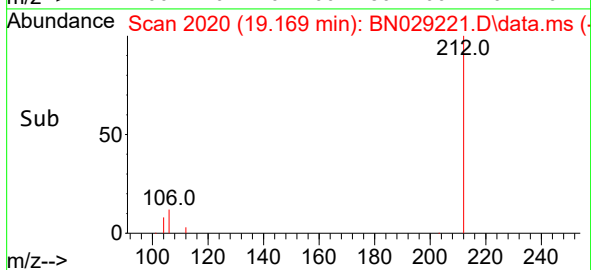
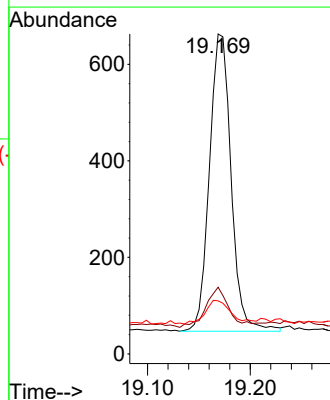
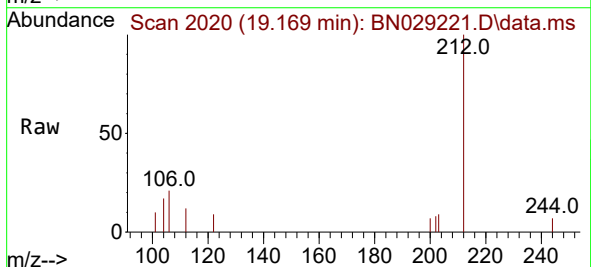
Instrument :
BNA_N
ClientSampleId :
COLS8

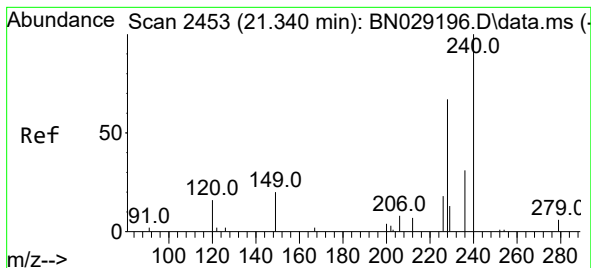
Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
51 132.6 47.4 71.2#
105 150.0 54.5 81.7#



#27
Fluoranthene-d10
Concen: 0.188 ng
RT: 19.169 min Scan# 2020
Delta R.T. -0.005 min
Lab File: BN029221.D
Acq: 28 Dec 2023 19:12

Tgt Ion:212 Resp: 903
Ion Ratio Lower Upper
212 100
106 14.4 9.7 14.5
104 9.5 6.3 9.5#





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.340 min Scan# 2453

Delta R.T. 0.000 min

Lab File: BN029221.D

Acq: 28 Dec 2023 19:12

Instrument :

BNA_N

ClientSampleId :

COLS8

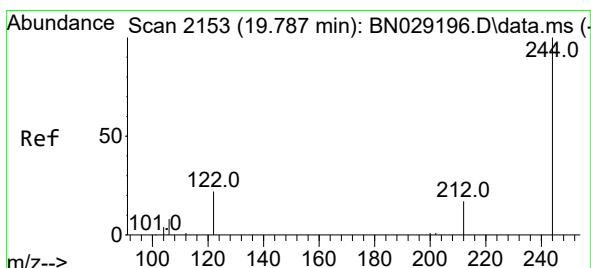
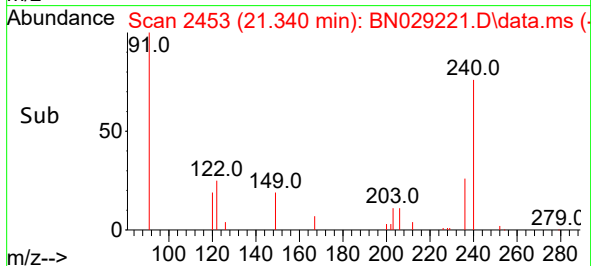
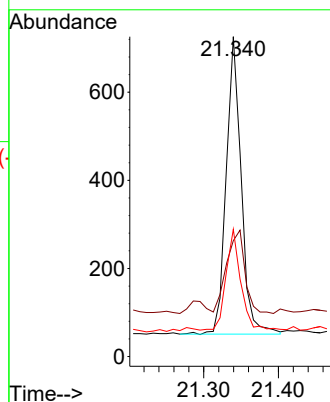
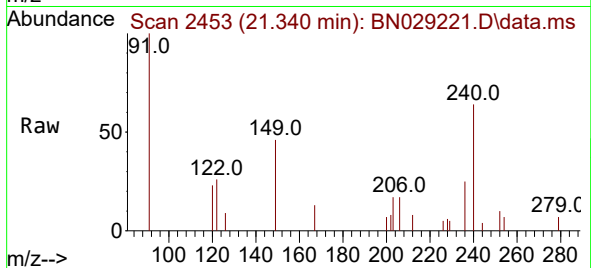
Tgt Ion:240 Resp: 945

Ion Ratio Lower Upper

240 100

120 36.2 24.6 36.8

236 39.8 32.0 48.0



#31

Terphenyl-d14

Concen: 0.200 ng

RT: 19.782 min Scan# 2152

Delta R.T. -0.005 min

Lab File: BN029221.D

Acq: 28 Dec 2023 19:12

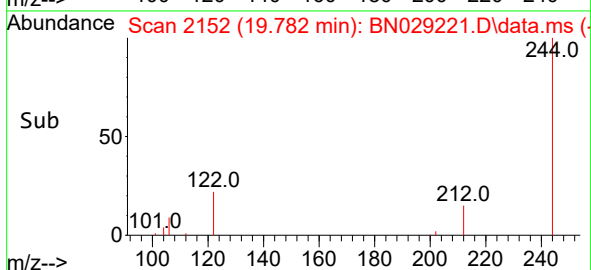
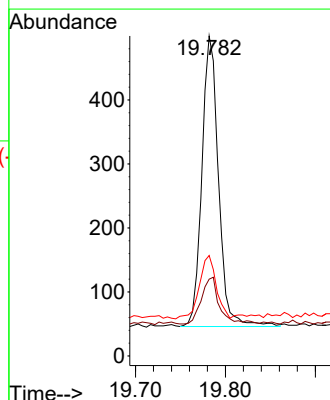
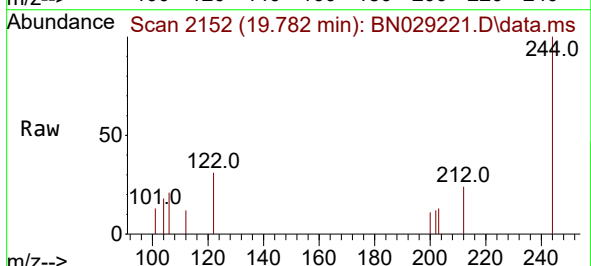
Tgt Ion:244 Resp: 586

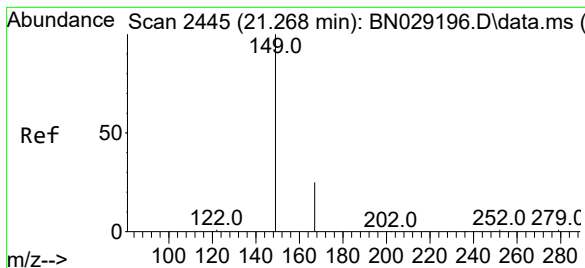
Ion Ratio Lower Upper

244 100

212 24.0 20.1 30.1

122 31.4 23.9 35.9

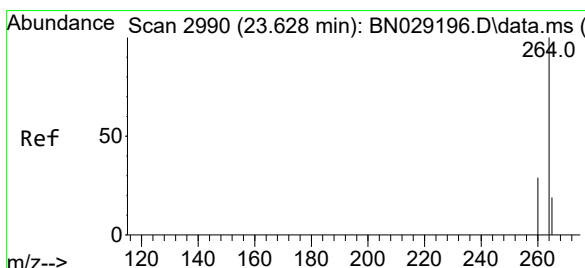
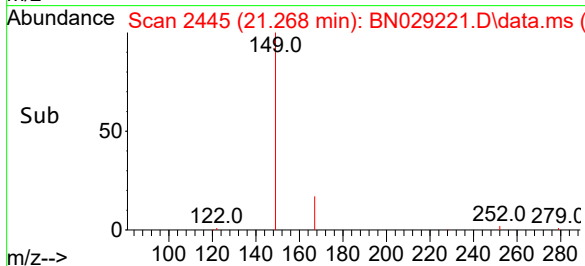
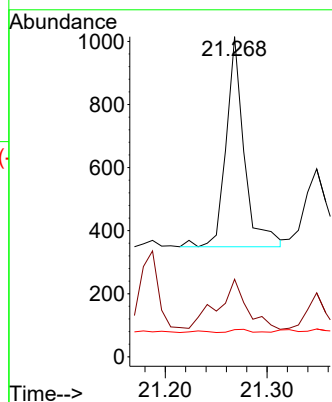
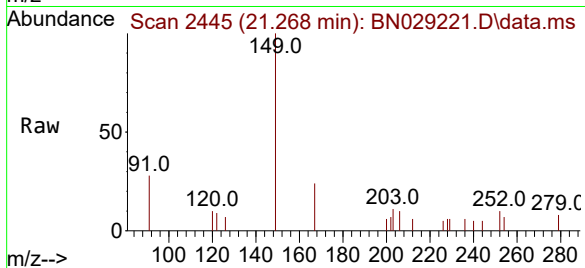




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.104 ng
 RT: 21.268 min Scan# 2445
 Delta R.T. 0.000 min
 Lab File: BN029221.D
 Acq: 28 Dec 2023 19:12

Instrument :
 BNA_N
 ClientSampleId :
 COLS8

Tgt Ion:149 Resp: 819
 Ion Ratio Lower Upper
 149 100
 167 38.7 20.7 31.1#
 279 1.6 2.4 3.6#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.622 min Scan# 2988
 Delta R.T. -0.006 min
 Lab File: BN029221.D
 Acq: 28 Dec 2023 19:12

Tgt Ion:264 Resp: 1065
 Ion Ratio Lower Upper
 264 100
 260 35.3 30.2 45.4
 265 98.4 88.1 132.1

