

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080324\
 Data File : BN033220.D
 Acq On : 03 Aug 2024 02:27
 Operator : MA/JU
 Sample : P3416-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MLS-15-135-150

Quant Time: Aug 03 04:14:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 02 22:49:47 2024
 Response via : Initial Calibration

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

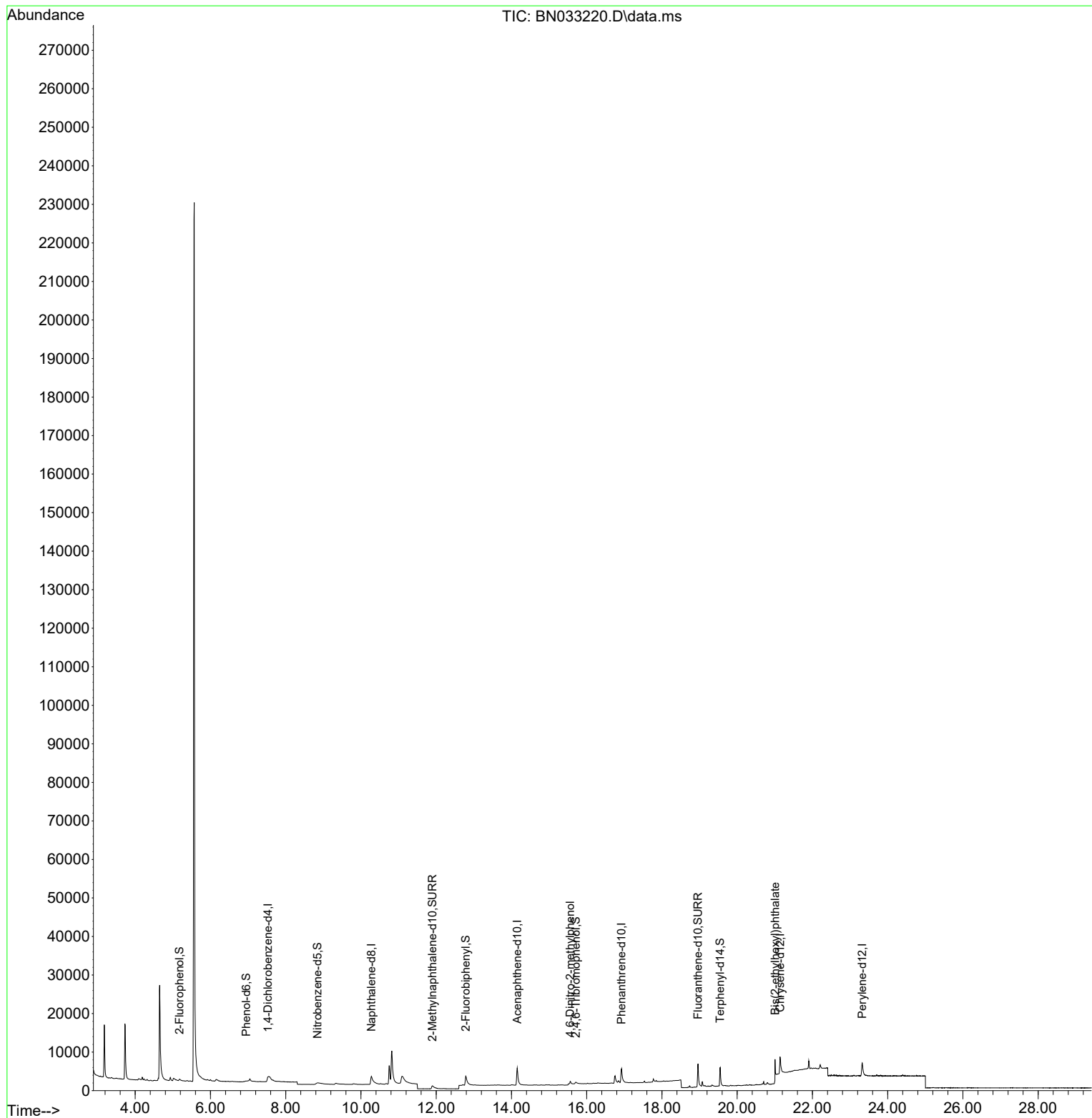
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.524	152	2156	0.400	ng	0.02
7) Naphthalene-d8	10.276	136	7665	0.400	ng	#-0.01
13) Acenaphthene-d10	14.154	164	4421	0.400	ng	0.02
19) Phenanthrene-d10	16.927	188	9305	0.400	ng	0.00
29) Chrysene-d12	21.140	240	7094	0.400	ng	0.00
35) Perylene-d12	23.321	264	6522	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.177	112	1041	0.191	ng	-0.06
5) Phenol-d6	6.947	99	507	0.075	ng	0.07
8) Nitrobenzene-d5	8.846	82	1715	0.297	ng	0.03
11) 2-Methylnaphthalene-d10	11.897	152	3308	0.282	ng	0.00
14) 2,4,6-Tribromophenol	15.711	330	499	0.264	ng	0.00
15) 2-Fluorobiphenyl	12.786	172	5053	0.307	ng	0.00
27) Fluoranthene-d10	18.957	212	9096	0.378	ng	0.00
31) Terphenyl-d14	19.547	244	7222	0.497	ng	-0.02
Target Compounds						Qvalue
20) 4,6-Dinitro-2-methylph...	15.562	198	1	0.294	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.006	149	4067	0.328	ng	# 87

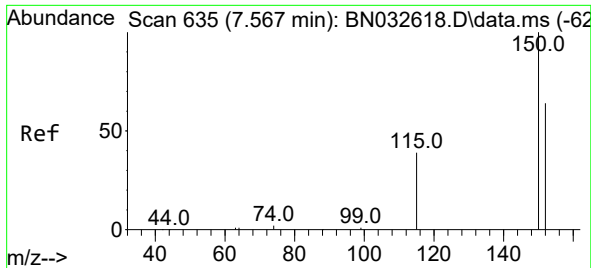
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MLS-15-135-150

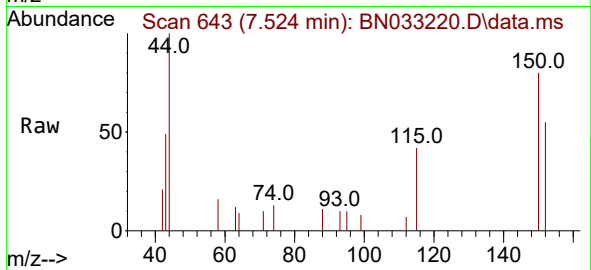
Quant Time: Aug 03 04:14:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 02 22:49:47 2024
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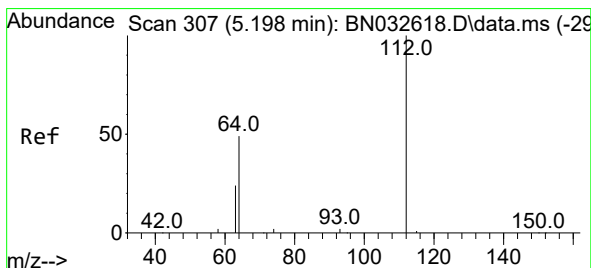
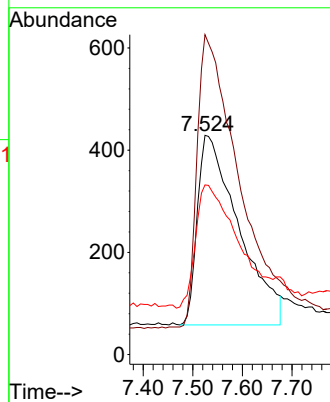
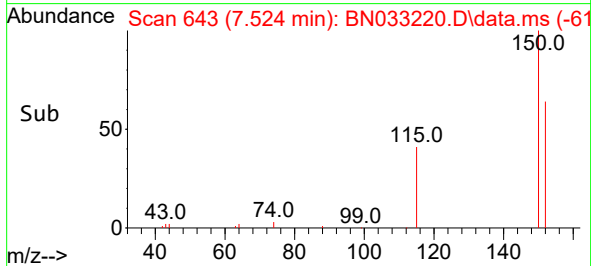


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.524 min Scan# 64
Delta R.T. 0.021 min
Lab File: BN033220.D
Acq: 03 Aug 2024 02:27

Instrument :
BNA_N
ClientSampleId :
MLS-15-135-150

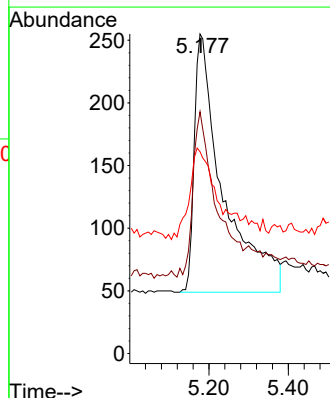
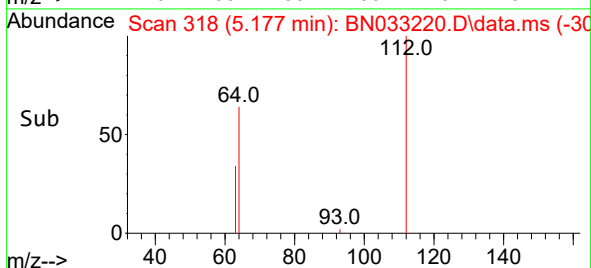
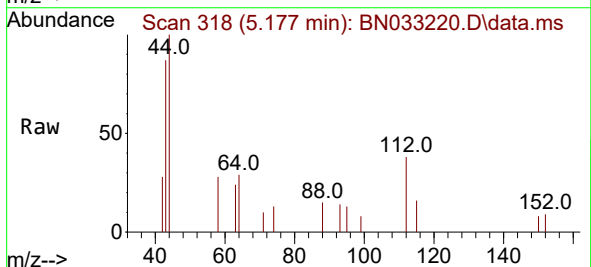


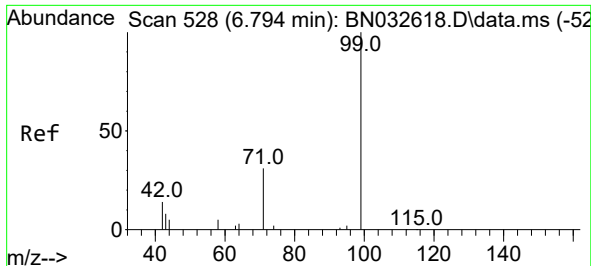
Tgt Ion:152 Resp: 2156
Ion Ratio Lower Upper
152 100
150 145.9 123.8 185.6
115 77.4 52.8 79.2



#4
2-Fluorophenol
Concen: 0.191 ng
RT: 5.177 min Scan# 318
Delta R.T. -0.065 min
Lab File: BN033220.D
Acq: 03 Aug 2024 02:27

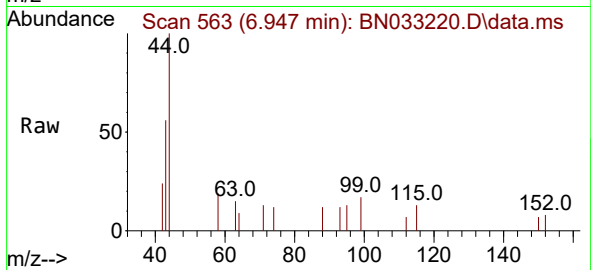
Tgt Ion:112 Resp: 1041
Ion Ratio Lower Upper
112 100
64 52.7 40.2 60.4
63 34.9 22.2 33.4#



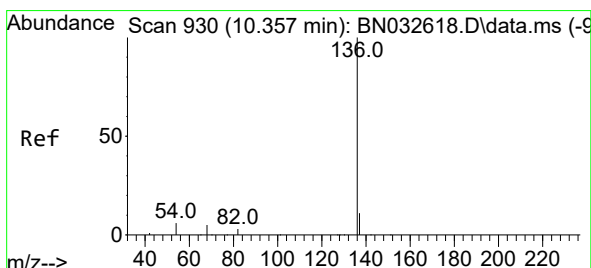
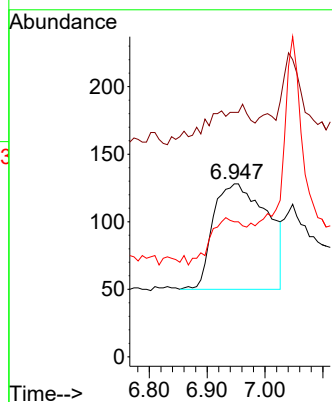
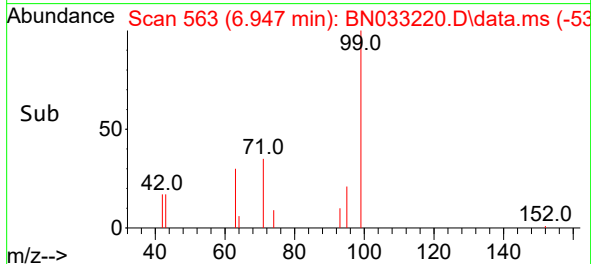


#5
Phenol-d6
Concen: 0.075 ng
RT: 6.947 min Scan# 507
Delta R.T. 0.065 min
Lab File: BN033220.D
Acq: 03 Aug 2024 02:27

Instrument :
BNA_N
ClientSampleId :
MLS-15-135-150

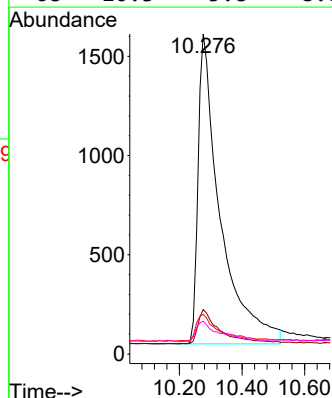
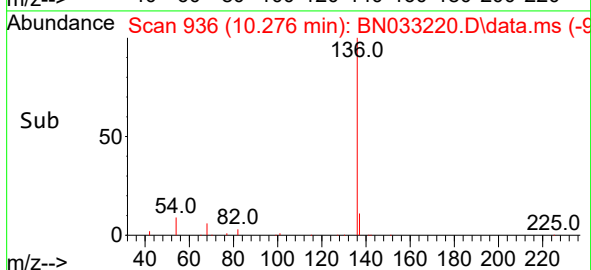
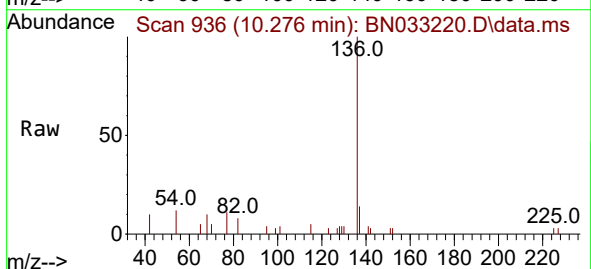


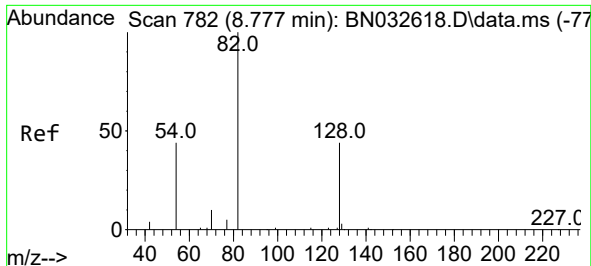
Tgt Ion: 99 Resp: 507
Ion Ratio Lower Upper
99 100
42 0.0 10.5 15.7#
71 0.0 22.3 33.5#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.276 min Scan# 936
Delta R.T. -0.011 min
Lab File: BN033220.D
Acq: 03 Aug 2024 02:27

Tgt Ion: 136 Resp: 7665
Ion Ratio Lower Upper
136 100
137 13.9 9.9 14.9
54 12.4 6.5 9.7#
68 10.3 5.8 8.8#

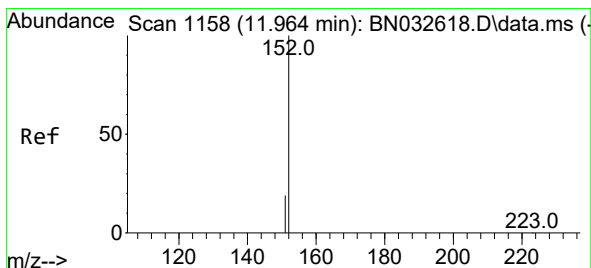
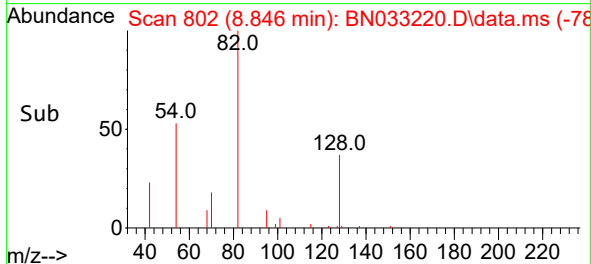
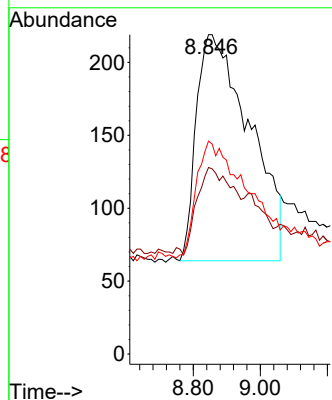
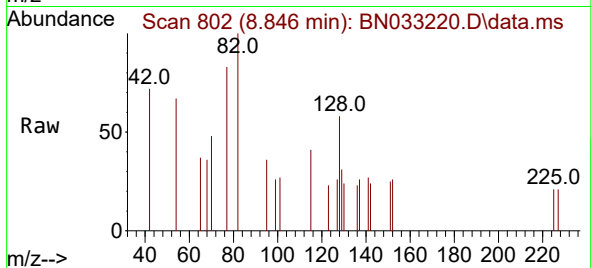




#8
Nitrobenzene-d5
Concen: 0.297 ng
RT: 8.846 min Scan# 80
Delta R.T. 0.032 min
Lab File: BN033220.D
Acq: 03 Aug 2024 02:27

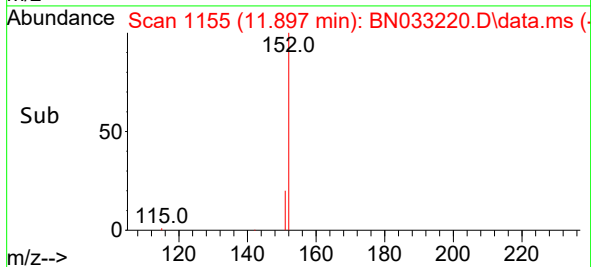
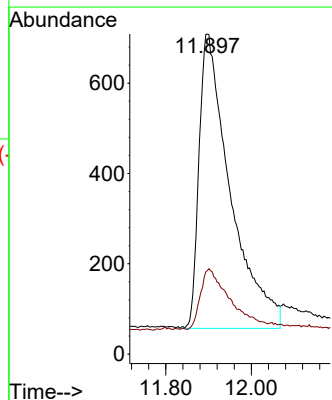
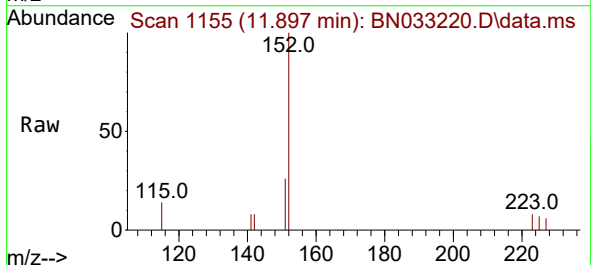
Instrument :
BNA_N
ClientSampleId :
MLS-15-135-150

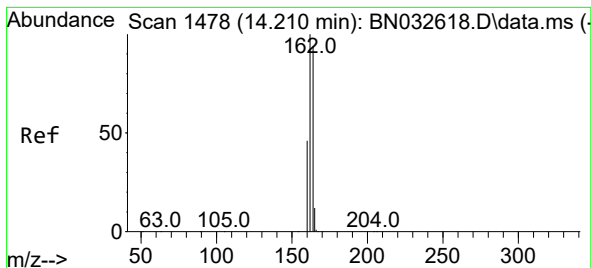
Tgt Ion: 82 Resp: 1715
Ion Ratio Lower Upper
82 100
128 58.4 41.7 62.5
54 66.7 39.5 59.3#



#11
2-Methylnaphthalene-d10
Concen: 0.282 ng
RT: 11.897 min Scan# 1155
Delta R.T. -0.004 min
Lab File: BN033220.D
Acq: 03 Aug 2024 02:27

Tgt Ion:152 Resp: 3308
Ion Ratio Lower Upper
152 100
151 19.6 16.2 24.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.154 min Scan# 14

Delta R.T. 0.018 min

Lab File: BN033220.D

Acq: 03 Aug 2024 02:27

Instrument :

BNA_N

ClientSampleId :

MLS-15-135-150

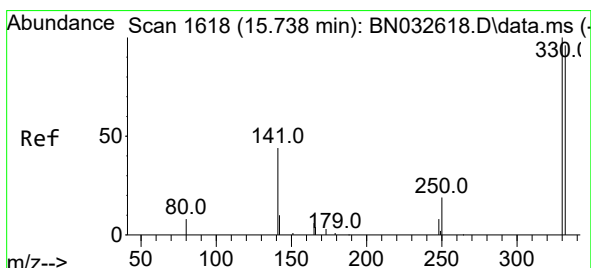
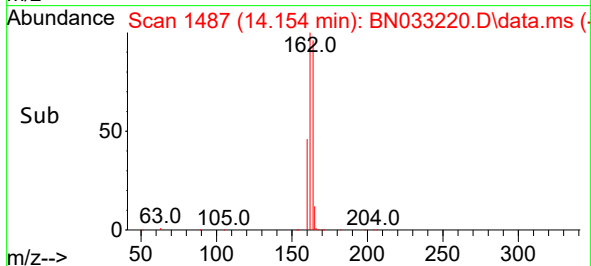
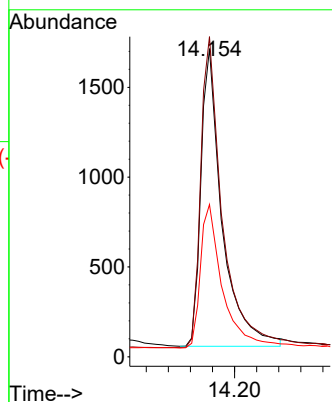
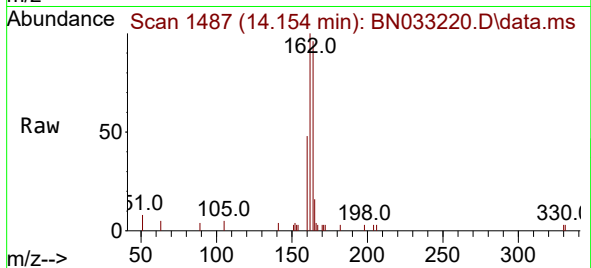
Tgt Ion:164 Resp: 4421

Ion Ratio Lower Upper

164 100

162 103.9 85.0 127.4

160 49.4 39.4 59.2



#14

2,4,6-Tribromophenol

Concen: 0.264 ng

RT: 15.711 min Scan# 1630

Delta R.T. -0.005 min

Lab File: BN033220.D

Acq: 03 Aug 2024 02:27

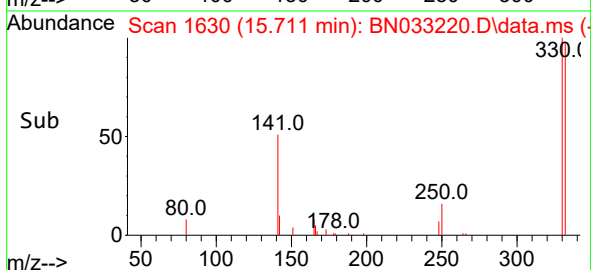
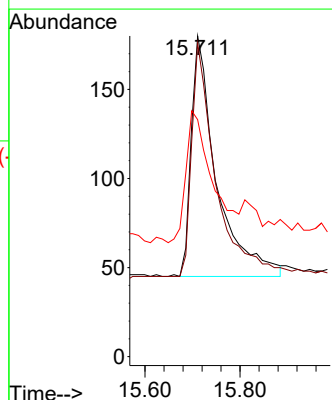
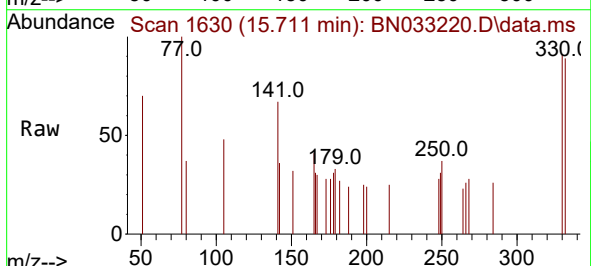
Tgt Ion:330 Resp: 499

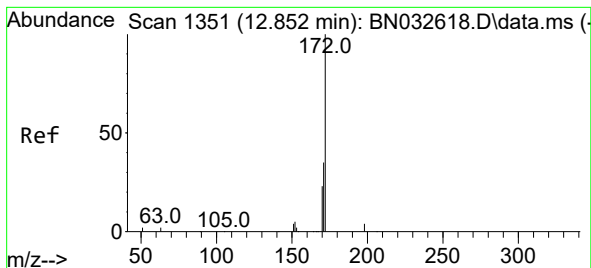
Ion Ratio Lower Upper

330 100

332 91.6 77.8 116.8

141 54.5 34.2 51.2#





#15

2-Fluorobiphenyl

Concen: 0.307 ng

RT: 12.786 min Scan# 1

Delta R.T. -0.004 min

Lab File: BN033220.D

Acq: 03 Aug 2024 02:27

Instrument :

BNA_N

ClientSampleId :

MLS-15-135-150

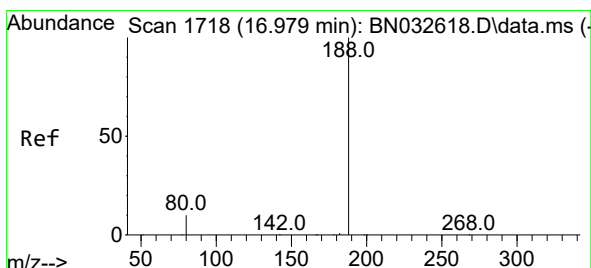
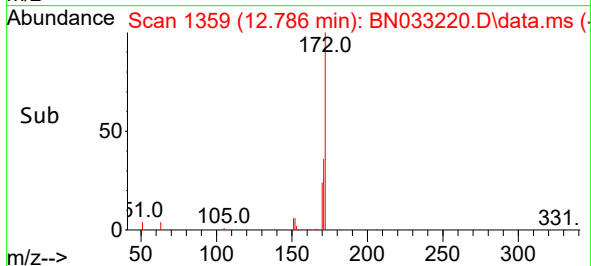
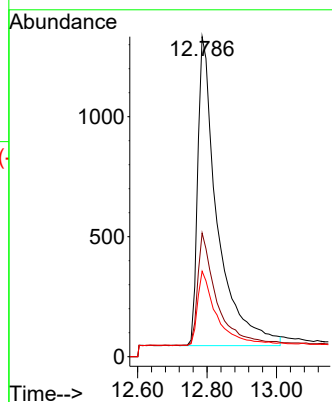
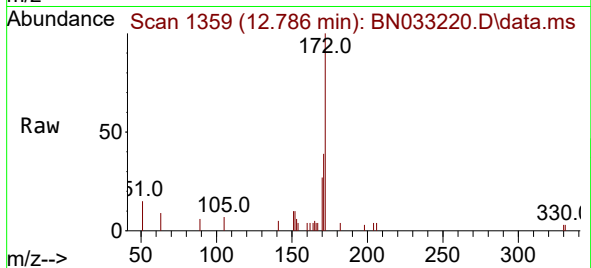
Tgt Ion:172 Resp: 5053

Ion Ratio Lower Upper

172 100

171 38.6 28.6 43.0

170 26.7 19.0 28.6



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.927 min Scan# 1728

Delta R.T. 0.007 min

Lab File: BN033220.D

Acq: 03 Aug 2024 02:27

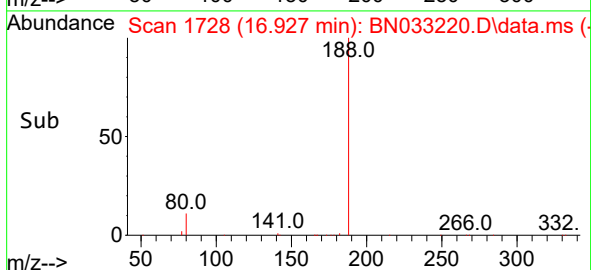
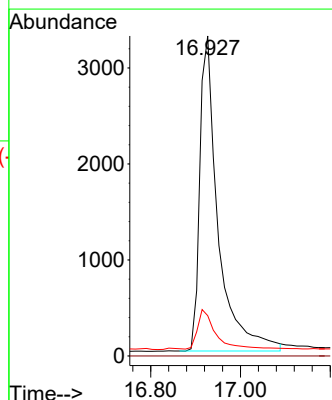
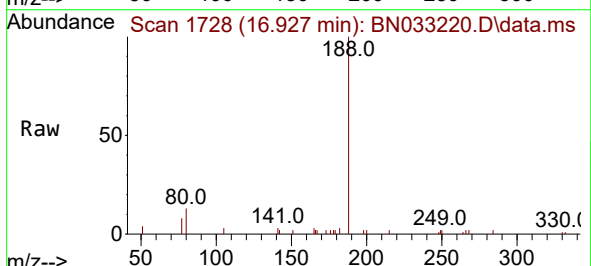
Tgt Ion:188 Resp: 9305

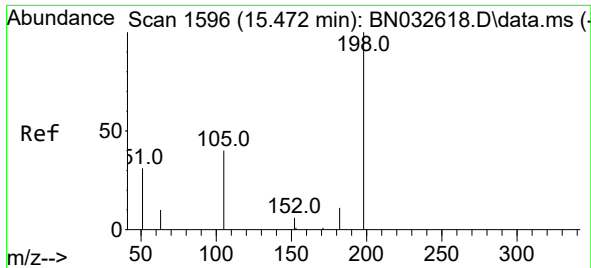
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.6 8.8 13.2

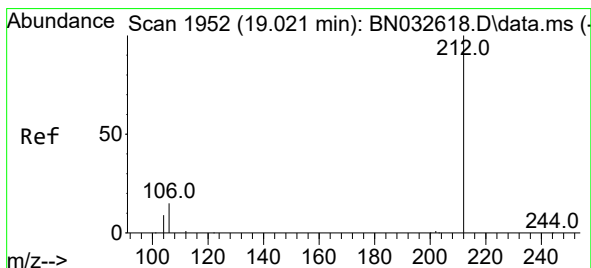
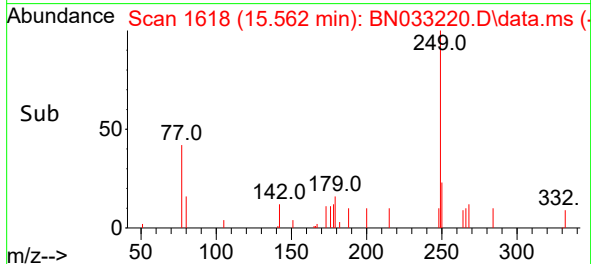
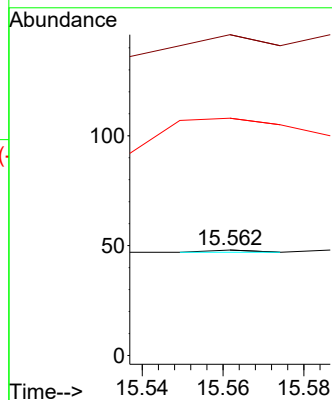
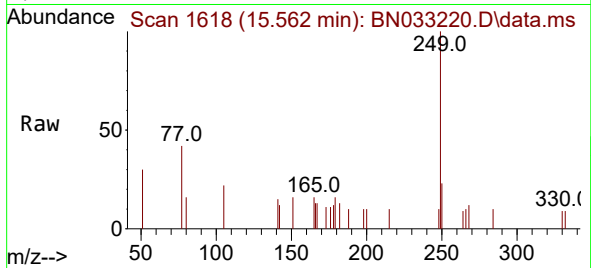




#20
4,6-Dinitro-2-methylphenol
Concen: 0.294 ng
RT: 15.562 min Scan# 1
Delta R.T. 0.007 min
Lab File: BN033220.D
Acq: 03 Aug 2024 02:27

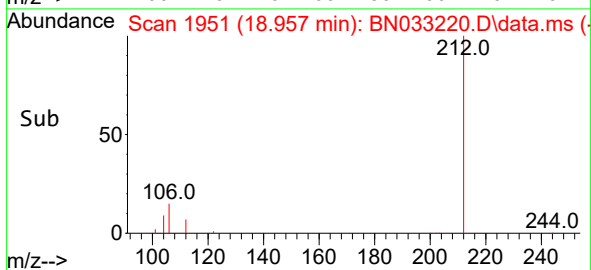
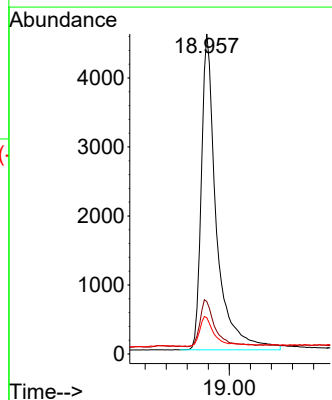
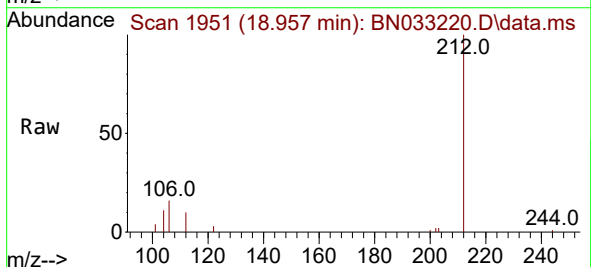
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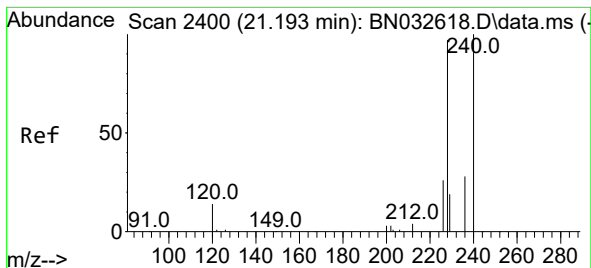
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 304.2 105.7 158.5#
105 225.0 63.0 94.6#



#27
Fluoranthene-d10
Concen: 0.378 ng
RT: 18.957 min Scan# 1951
Delta R.T. -0.002 min
Lab File: BN033220.D
Acq: 03 Aug 2024 02:27

Tgt Ion:212 Resp: 9096
Ion Ratio Lower Upper
212 100
106 15.3 11.9 17.9
104 9.6 6.9 10.3





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.140 min Scan# 2407

Delta R.T. 0.007 min

Lab File: BN033220.D

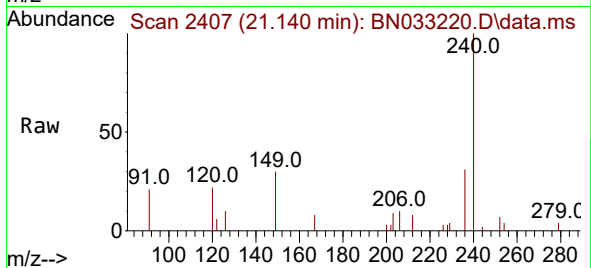
Acq: 03 Aug 2024 02:27

Instrument :

BNA_N

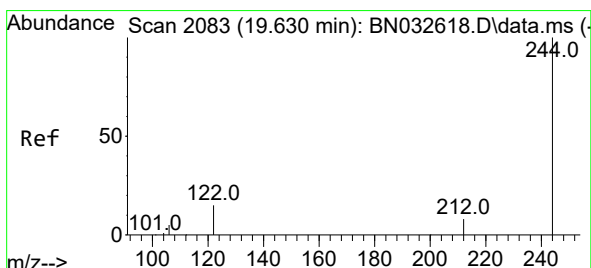
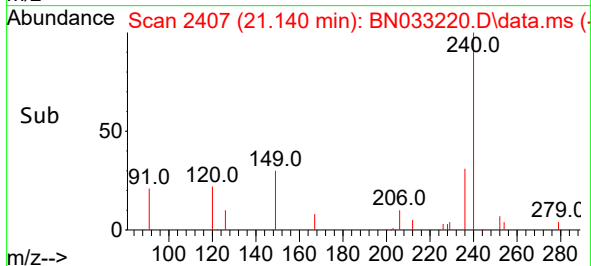
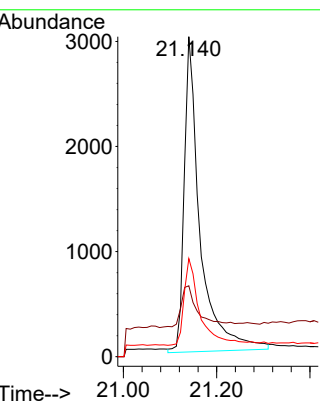
ClientSampleId :

MLS-15-135-150



Tgt Ion:240 Resp: 7094

Ion	Ratio	Lower	Upper
240	100		
120	22.2	14.8	22.2
236	30.7	23.3	34.9



#31

Terphenyl-d14

Concen: 0.497 ng

RT: 19.547 min Scan# 2078

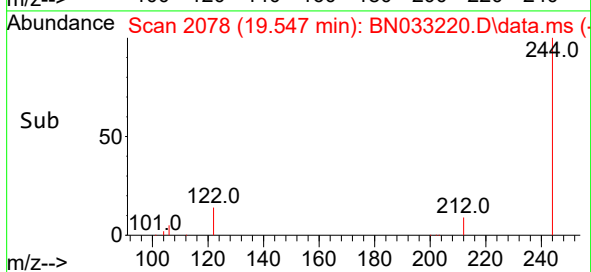
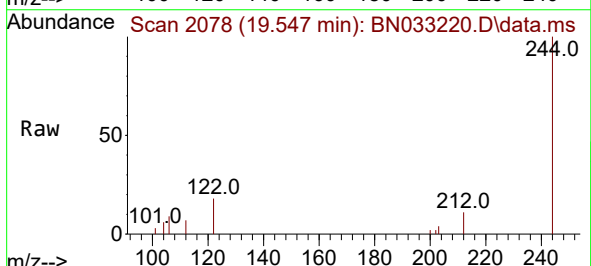
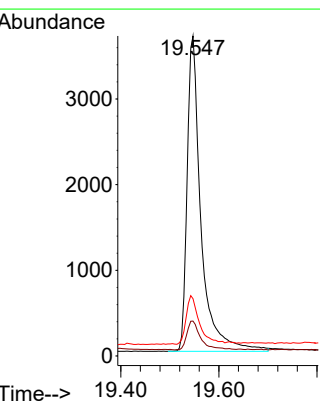
Delta R.T. -0.016 min

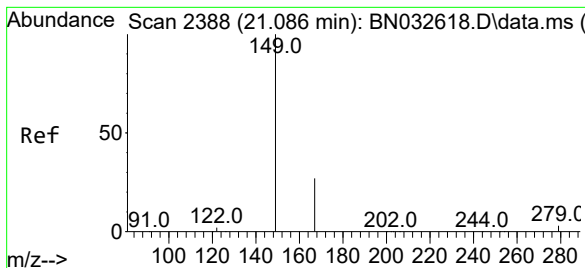
Lab File: BN033220.D

Acq: 03 Aug 2024 02:27

Tgt Ion:244 Resp: 7222

Ion	Ratio	Lower	Upper
244	100		
212	10.9	7.5	11.3
122	17.9	12.6	19.0

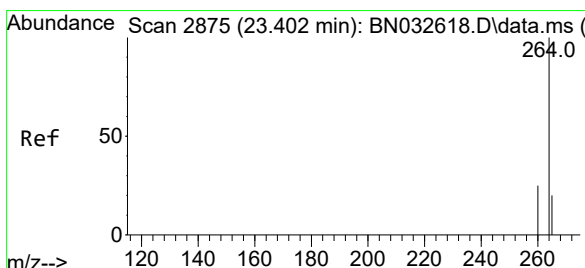
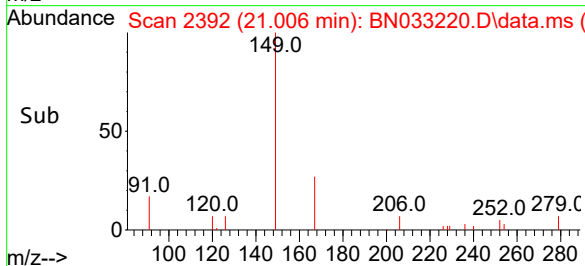
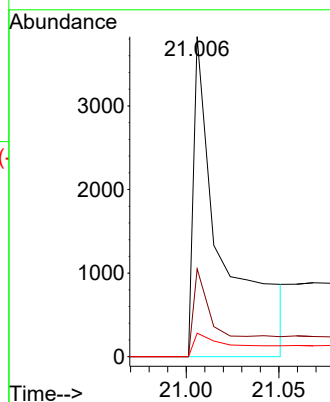
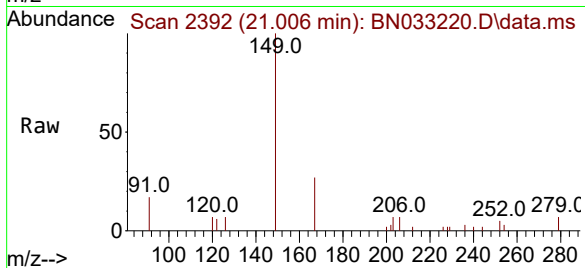




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.328 ng
 RT: 21.006 min Scan# 21006
 Delta R.T. -0.002 min
 Lab File: BN033220.D
 Acq: 03 Aug 2024 02:27

Instrument :
 BNA_N
 ClientSampleId :
 MLS-15-135-150

Tgt Ion:149 Resp: 4067
 Ion Ratio Lower Upper
 149 100
 167 20.3 21.4 32.2#
 279 9.7 2.8 4.2#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.321 min Scan# 2860
 Delta R.T. 0.007 min
 Lab File: BN033220.D
 Acq: 03 Aug 2024 02:27

Tgt Ion:264 Resp: 6522
 Ion Ratio Lower Upper
 264 100
 260 27.6 20.9 31.3
 265 104.8 85.4 128.2

