

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070824\
 Data File : BN032551.D
 Acq On : 08 Jul 2024 14:55
 Operator : MA/JU
 Sample : PB161896BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB161896BL

Quant Time: Jul 08 15:20:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 08 15:11:21 2024
 Response via : Initial Calibration

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

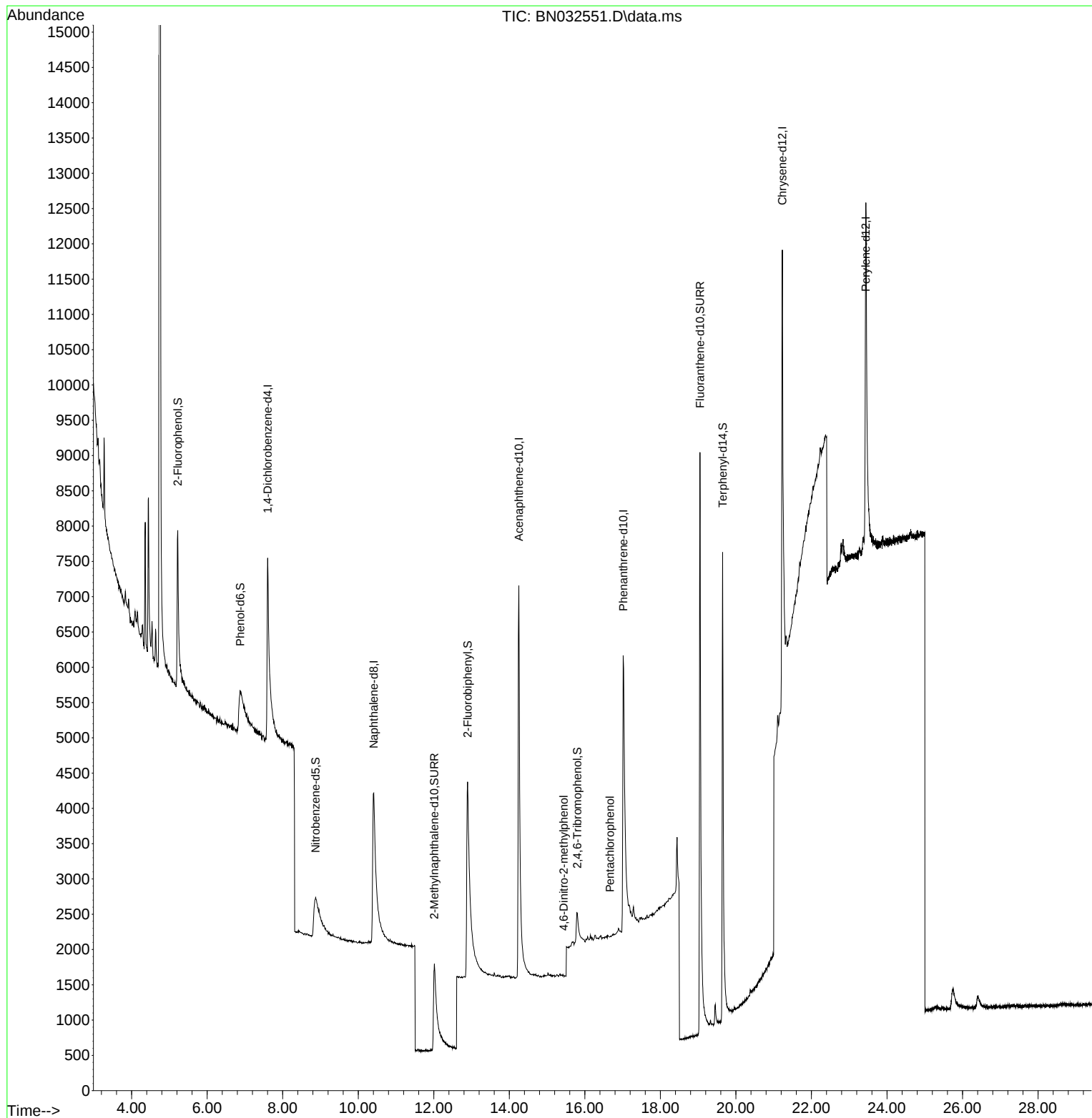
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.603	152	2439	0.400	ng	0.02
7) Naphthalene-d8	10.410	136	9664	0.400	ng	# 0.05
13) Acenaphthene-d10	14.253	164	6698	0.400	ng	0.03
19) Phenanthrene-d10	17.016	188	13710	0.400	ng	# 0.02
29) Chrysene-d12	21.229	240	11180	0.400	ng	# 0.03
35) Perylene-d12	23.440	264	10718	0.400	ng	# 0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.219	112	3262	0.470	ng	0.02
5) Phenol-d6	6.873	99	1000	0.110	ng	0.09
8) Nitrobenzene-d5	8.873	82	1079	0.134	ng	0.13
11) 2-Methylnaphthalene-d10	12.017	152	4855	0.315	ng	0.06
14) 2,4,6-Tribromophenol	15.800	330	649	0.202	ng	0.05
15) 2-Fluorobiphenyl	12.895	172	7410	0.292	ng	0.05
27) Fluoranthene-d10	19.049	212	15644	0.419	ng	0.02
31) Terphenyl-d14	19.648	244	11386	0.417	ng	0.01
Target Compounds						Qvalue
20) 4,6-Dinitro-2-methylph...	15.439	198	2	0.175	ng	# 1
24) Pentachlorophenol	16.669	266	1	0.171	ng	# 1

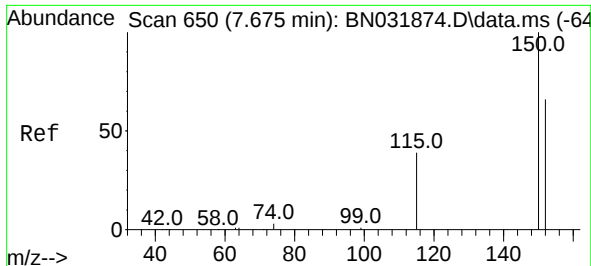
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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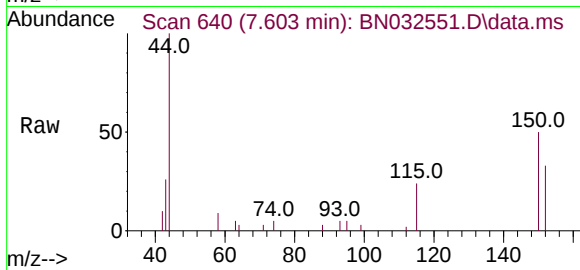
Quant Time: Jul 08 15:20:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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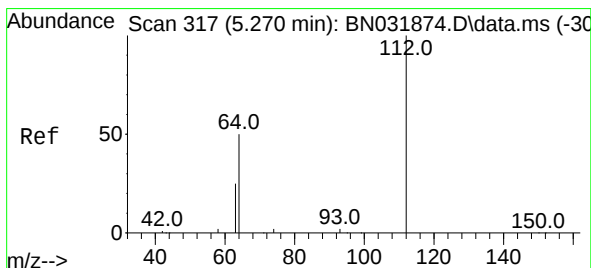
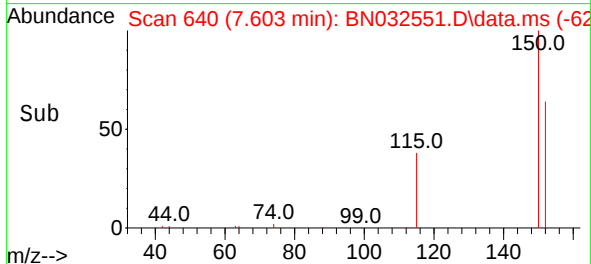
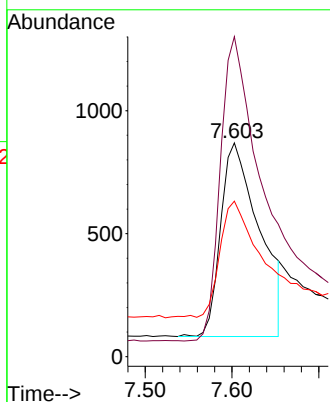


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.603 min Scan# 64
Delta R.T. 0.022 min
Lab File: BN032551.D
Acq: 08 Jul 2024 14:55

Instrument :
BNA_N
ClientSampleId :
PB161896BL

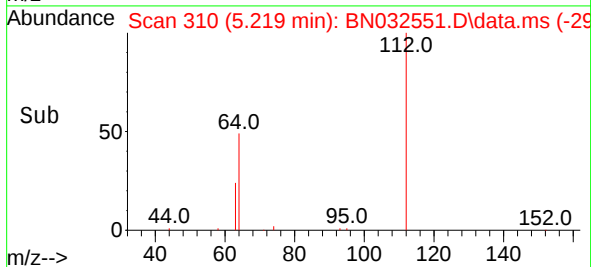
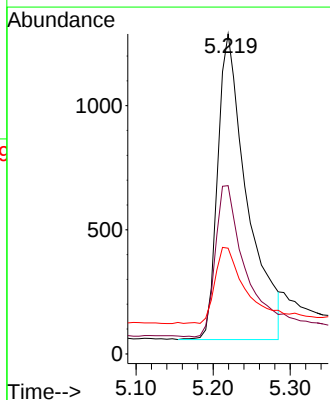
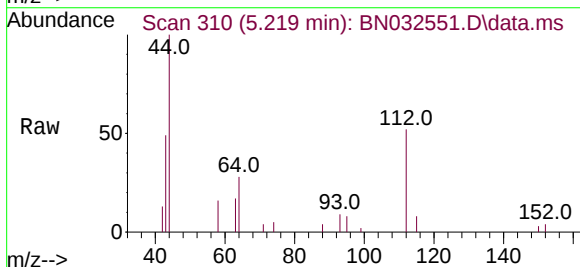


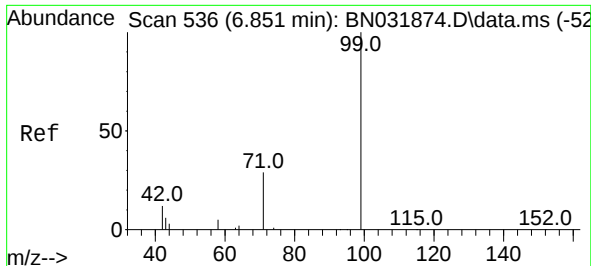
Tgt Ion:152 Resp: 2439
Ion Ratio Lower Upper
152 100
150 149.7 121.0 181.4
115 72.7 49.4 74.0



#4
2-Fluorophenol
Concen: 0.470 ng
RT: 5.219 min Scan# 310
Delta R.T. 0.022 min
Lab File: BN032551.D
Acq: 08 Jul 2024 14:55

Tgt Ion:112 Resp: 3262
Ion Ratio Lower Upper
112 100
64 50.6 42.4 63.6
63 24.6 22.1 33.1

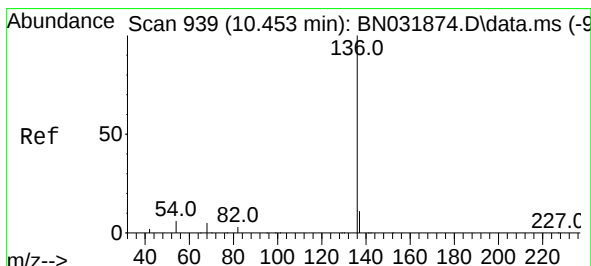
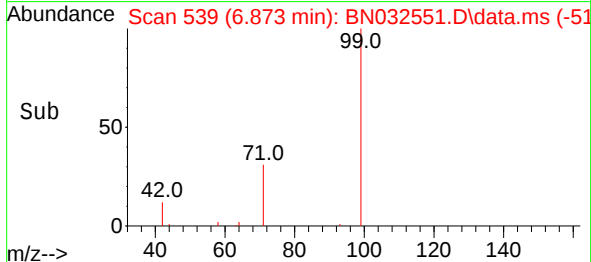
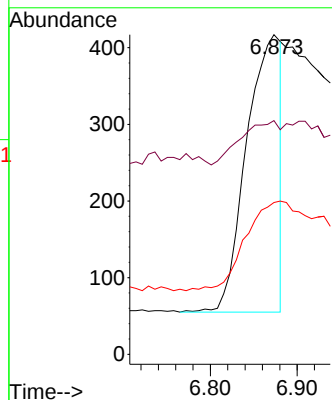
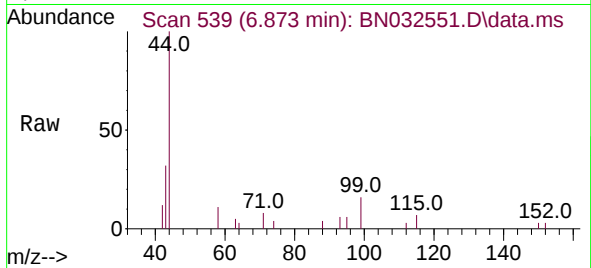




#5
Phenol-d6
Concen: 0.110 ng
RT: 6.873 min Scan# 51
Delta R.T. 0.087 min
Lab File: BN032551.D
Acq: 08 Jul 2024 14:55

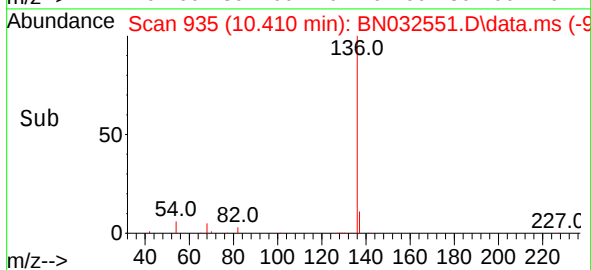
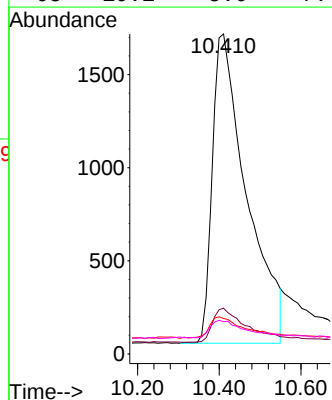
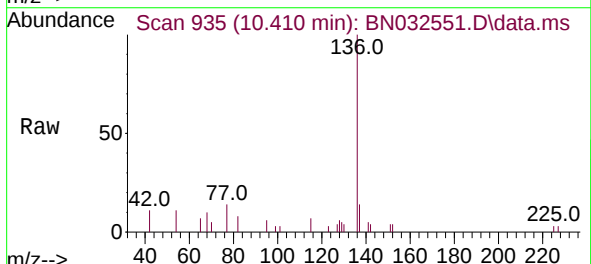
Instrument :
BNA_N
ClientSampleId :
PB161896BL

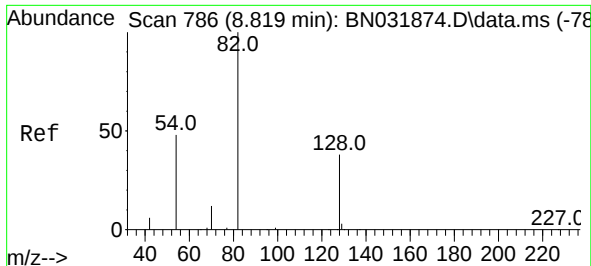
Tgt Ion: 99 Resp: 1000
Ion Ratio Lower Upper
99 100
42 17.9 12.8 19.2
71 0.0 25.4 38.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.410 min Scan# 935
Delta R.T. 0.053 min
Lab File: BN032551.D
Acq: 08 Jul 2024 14:55

Tgt Ion: 136 Resp: 9664
Ion Ratio Lower Upper
136 100
137 14.3 8.9 13.3#
54 11.1 5.6 8.4#
68 10.1 5.0 7.4#

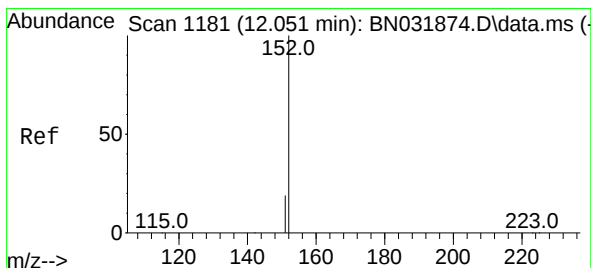
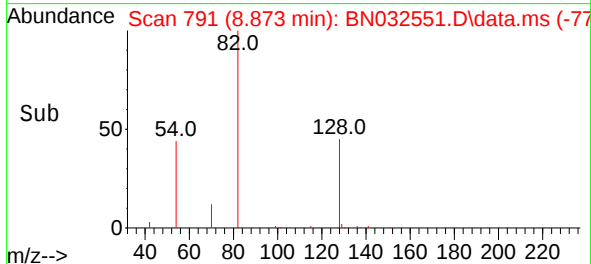
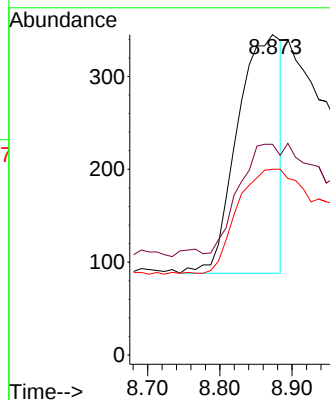
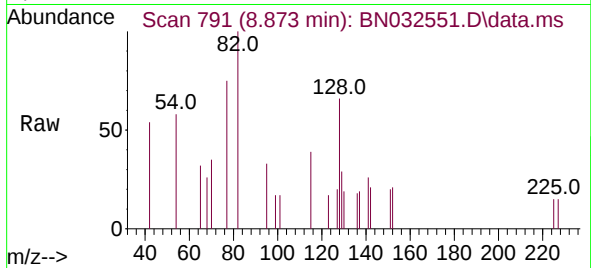




#8
Nitrobenzene-d5
Concen: 0.134 ng
RT: 8.873 min Scan# 71
Delta R.T. 0.128 min
Lab File: BN032551.D
Acq: 08 Jul 2024 14:55

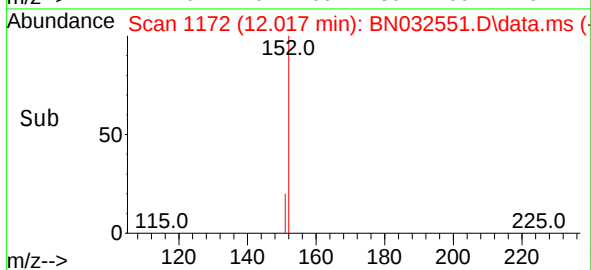
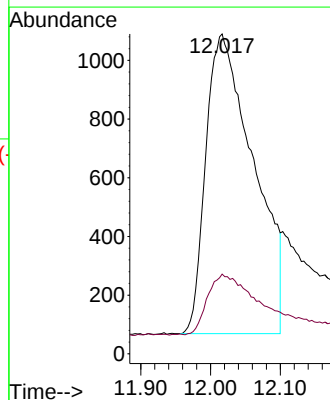
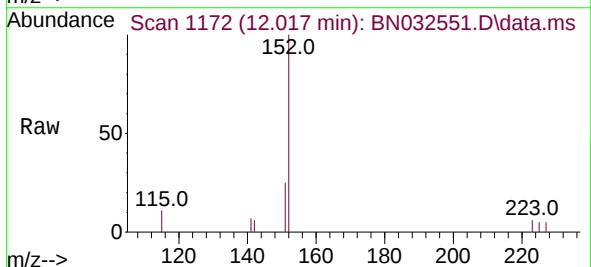
Instrument :
BNA_N
ClientSampleId :
PB161896BL

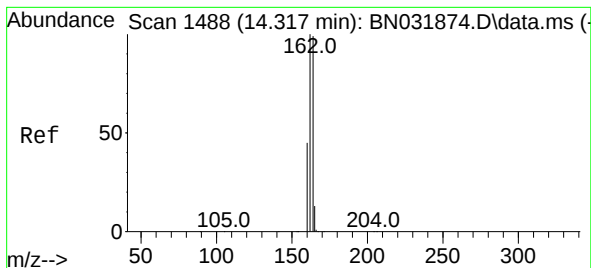
Tgt Ion: 82 Resp: 1079
Ion Ratio Lower Upper
82 100
128 65.8 32.1 48.1#
54 58.0 39.7 59.5



#11
2-Methylnaphthalene-d10
Concen: 0.315 ng
RT: 12.017 min Scan# 1172
Delta R.T. 0.060 min
Lab File: BN032551.D
Acq: 08 Jul 2024 14:55

Tgt Ion:152 Resp: 4855
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.253 min Scan# 1488

Delta R.T. 0.032 min

Lab File: BN032551.D

Acq: 08 Jul 2024 14:55

Instrument :

BNA_N

ClientSampleId :

PB161896BL

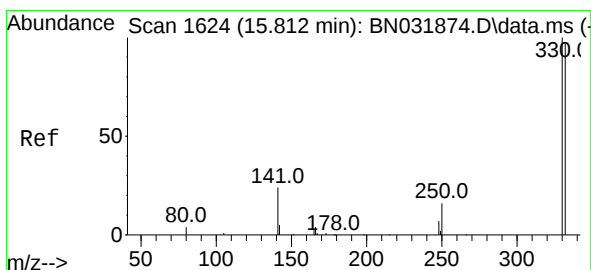
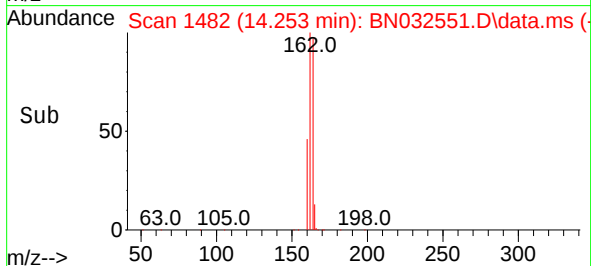
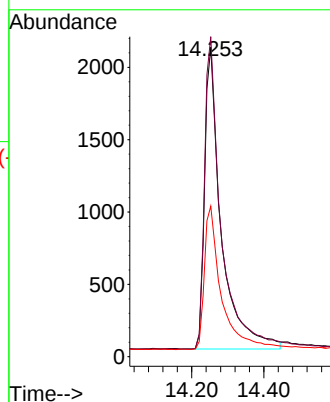
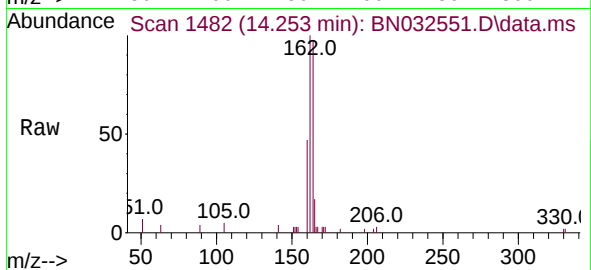
Tgt Ion:164 Resp: 6698

Ion Ratio Lower Upper

164 100

162 103.4 80.7 121.1

160 48.7 36.2 54.4



#14

2,4,6-Tribromophenol

Concen: 0.202 ng

RT: 15.800 min Scan# 1623

Delta R.T. 0.050 min

Lab File: BN032551.D

Acq: 08 Jul 2024 14:55

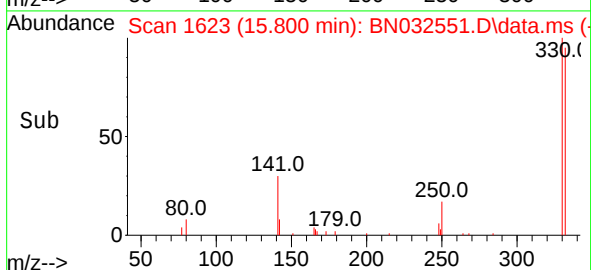
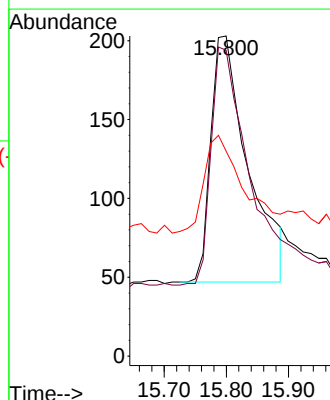
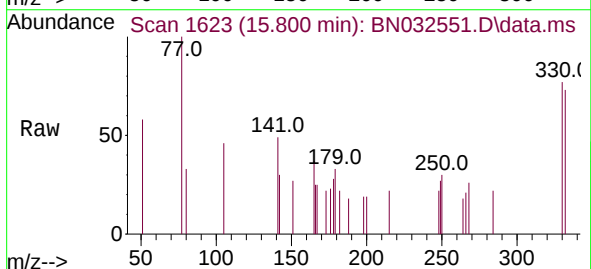
Tgt Ion:330 Resp: 649

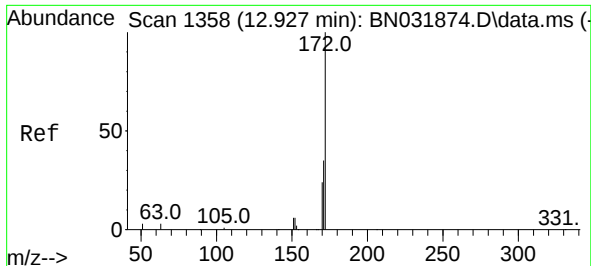
Ion Ratio Lower Upper

330 100

332 96.6 77.5 116.3

141 42.5 34.7 52.1





#15

2-Fluorobiphenyl

Concen: 0.292 ng

RT: 12.895 min Scan# 1355

Delta R.T. 0.053 min

Lab File: BN032551.D

Acq: 08 Jul 2024 14:55

Instrument :

BNA_N

ClientSampleId :

PB161896BL

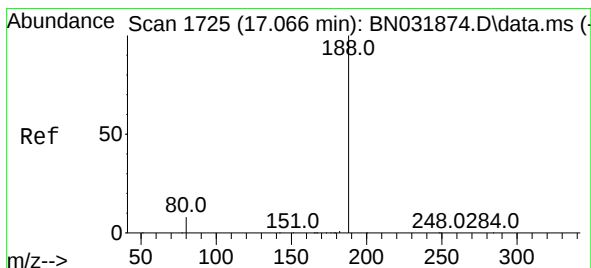
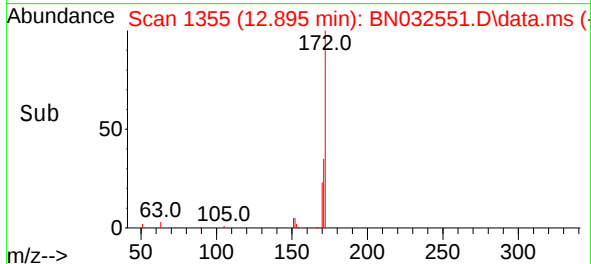
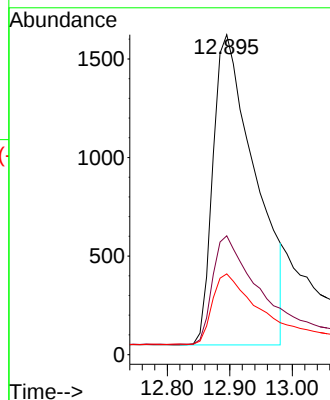
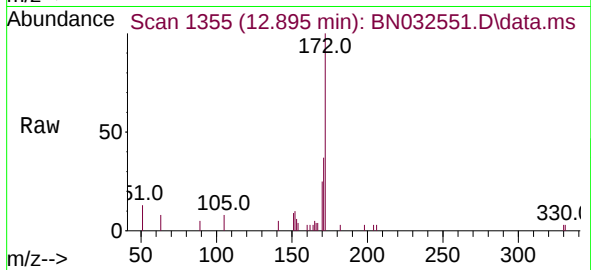
Tgt Ion:172 Resp: 7410

Ion Ratio Lower Upper

172 100

171 37.2 28.6 42.8

170 25.3 19.2 28.8



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.016 min Scan# 1721

Delta R.T. 0.025 min

Lab File: BN032551.D

Acq: 08 Jul 2024 14:55

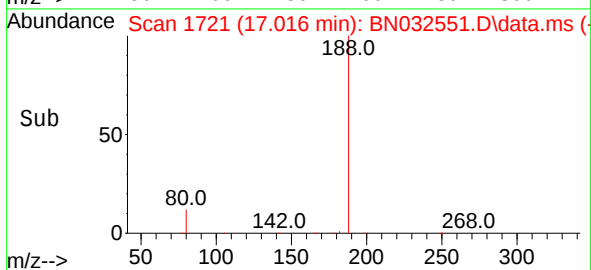
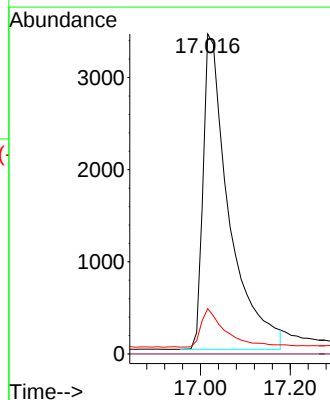
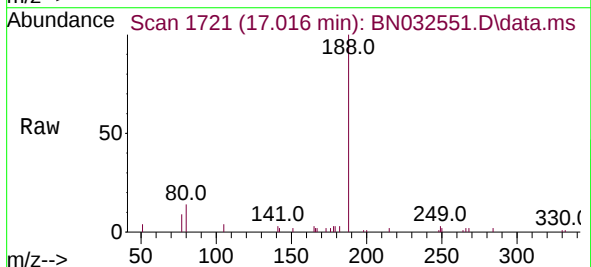
Tgt Ion:188 Resp: 13710

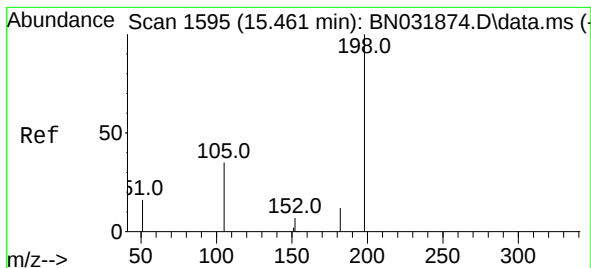
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.1 6.4 9.6#

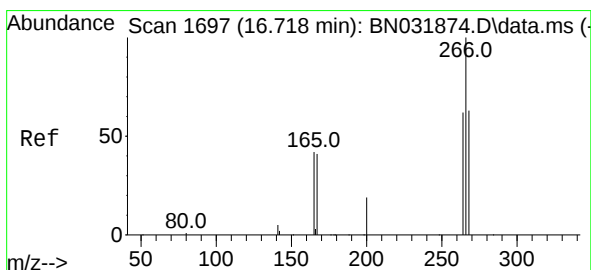
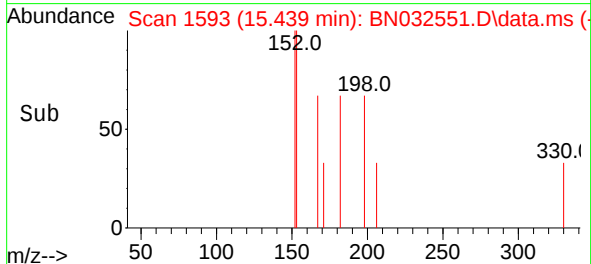
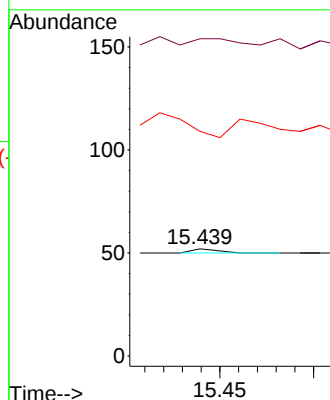
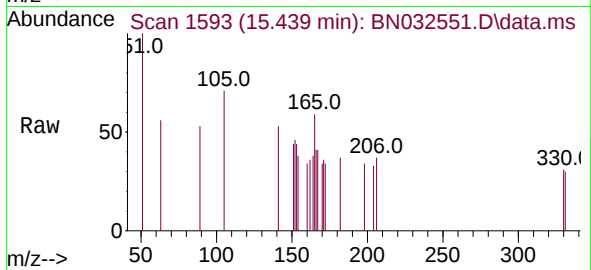




#20
4,6-Dinitro-2-methylphenol
Concen: 0.175 ng
RT: 15.439 min Scan# 1593
Delta R.T. 0.011 min
Lab File: BN032551.D
Acq: 08 Jul 2024 14:55

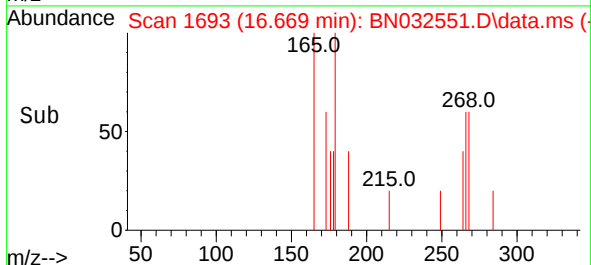
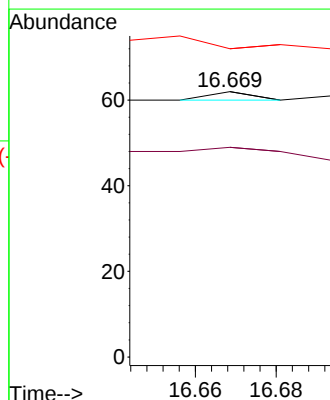
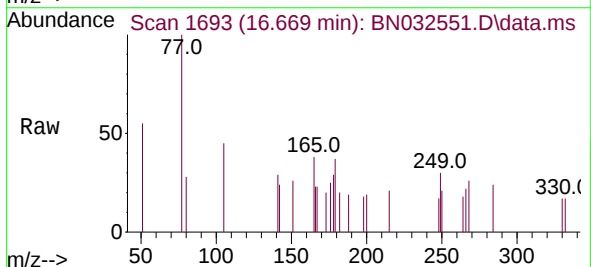
Instrument :
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PB161896BL

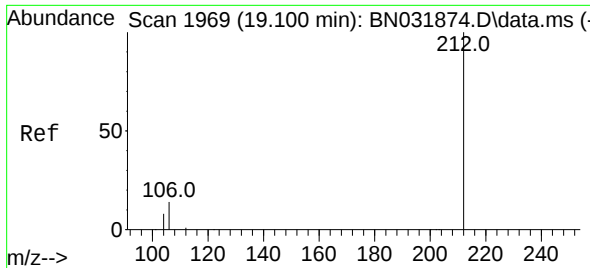
Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
51 296.2 42.7 64.1#
105 209.6 41.8 62.8#



#24
Pentachlorophenol
Concen: 0.171 ng
RT: 16.669 min Scan# 1693
Delta R.T. 0.012 min
Lab File: BN032551.D
Acq: 08 Jul 2024 14:55

Tgt Ion:266 Resp: 1
Ion Ratio Lower Upper
266 100
264 0.0 50.0 75.0#
268 700.0 51.0 76.6#

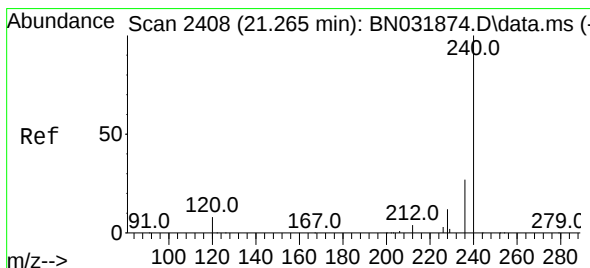
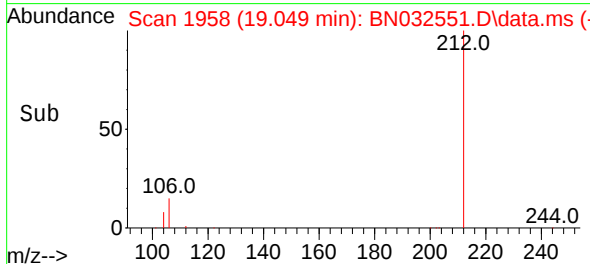
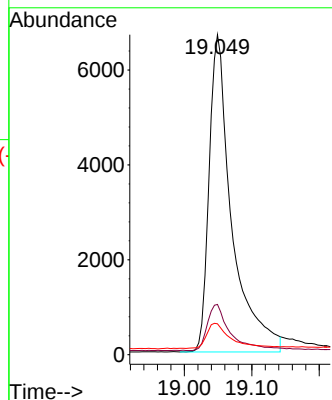
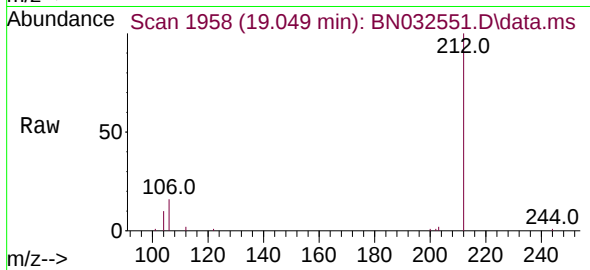




#27
Fluoranthene-d10
Concen: 0.419 ng
RT: 19.049 min Scan# 1958
Delta R.T. 0.019 min
Lab File: BN032551.D
Acq: 08 Jul 2024 14:55

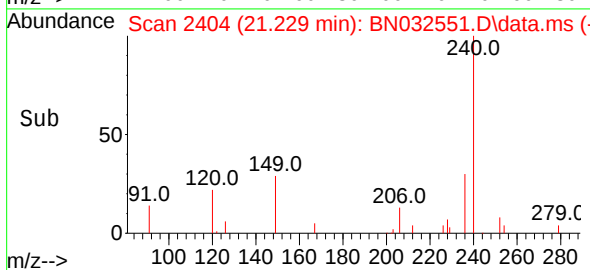
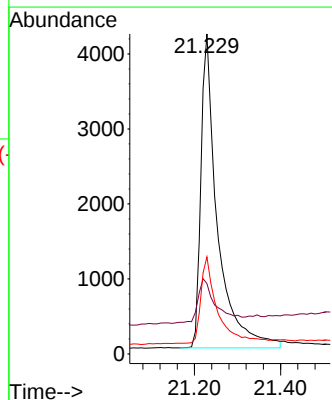
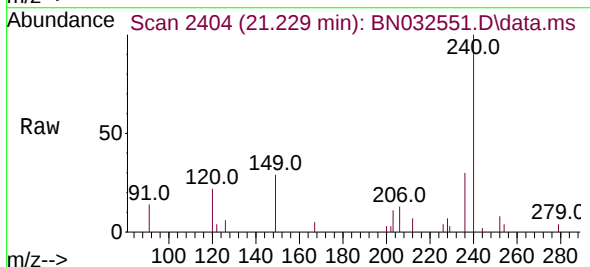
Instrument :
BNA_N
ClientSampleId :
PB161896BL

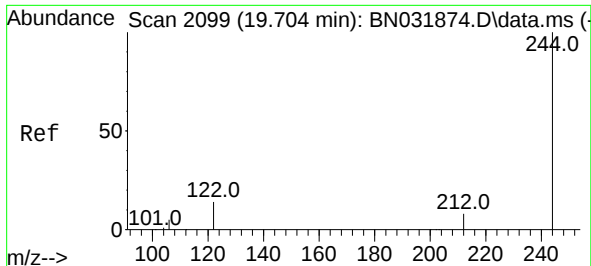
Tgt Ion:212 Resp: 15644
Ion Ratio Lower Upper
212 100
106 14.6 11.8 17.8
104 8.6 6.6 10.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.229 min Scan# 2404
Delta R.T. 0.027 min
Lab File: BN032551.D
Acq: 08 Jul 2024 14:55

Tgt Ion:240 Resp: 11180
Ion Ratio Lower Upper
240 100
120 22.0 8.2 12.4#
236 30.3 21.8 32.8

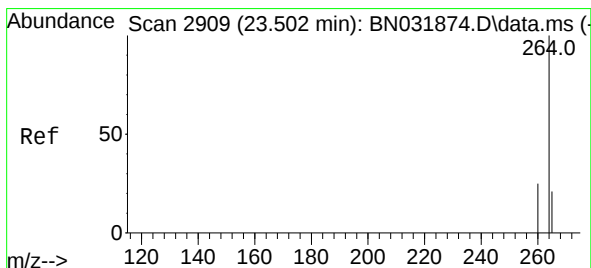
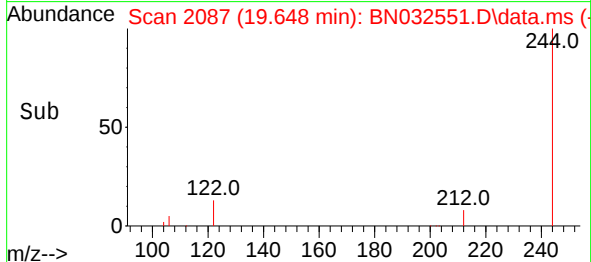
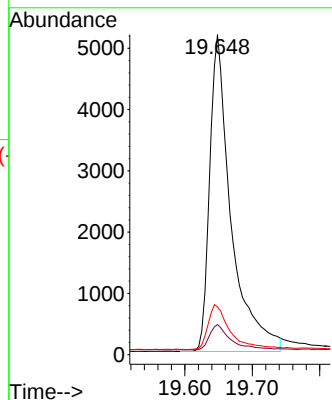
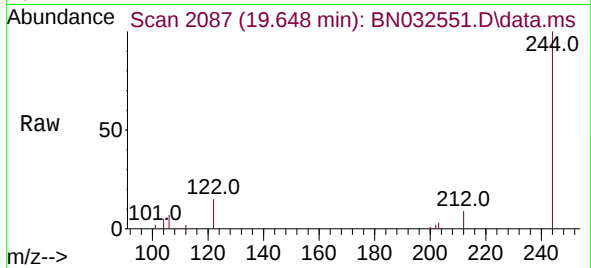




#31
 Terphenyl-d14
 Concen: 0.417 ng
 RT: 19.648 min Scan# 2099
 Delta R.T. 0.014 min
 Lab File: BN032551.D
 Acq: 08 Jul 2024 14:55

Instrument :
 BNA_N
 ClientSampleId :
 PB161896BL

Tgt Ion:244 Resp: 11386
 Ion Ratio Lower Upper
 244 100
 212 9.4 6.5 9.7
 122 15.0 11.4 17.0



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.440 min Scan# 2888
 Delta R.T. 0.020 min
 Lab File: BN032551.D
 Acq: 08 Jul 2024 14:55

Tgt Ion:264 Resp: 10718
 Ion Ratio Lower Upper
 264 100
 260 27.2 20.5 30.7
 265 155.7 39.6 59.4#

