

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050923\
 Data File : BN025361.D
 Acq On : 09 May 2023 11:27
 Operator : CG/JU
 Sample : PB152568BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB152568BL

Quant Time: May 10 03:57:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 09 10:18:02 2023
 Response via : Initial Calibration

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

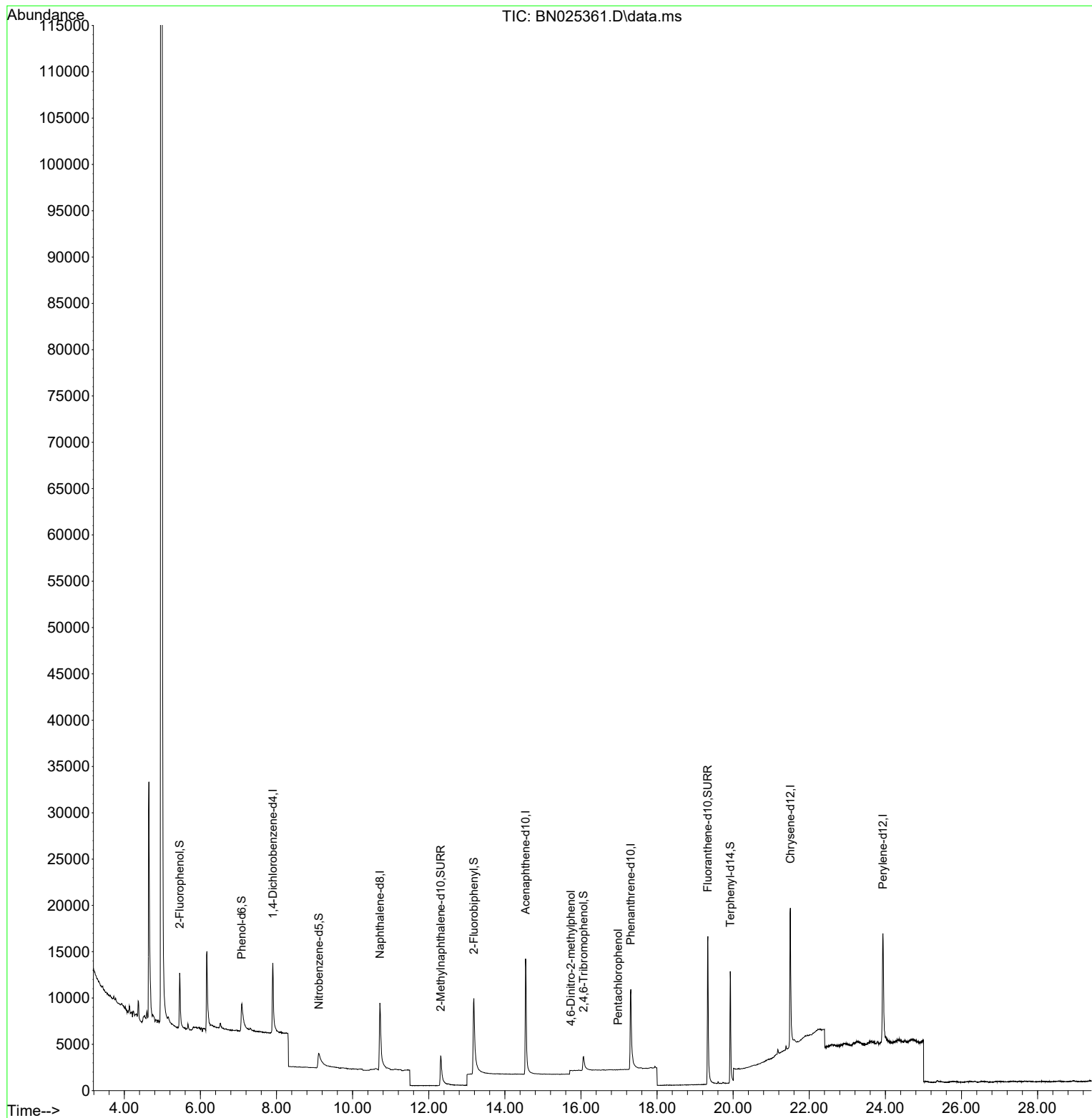
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	5593	0.400	ng	0.00
7) Naphthalene-d8	10.718	136	16388	0.400	ng	# 0.01
13) Acenaphthene-d10	14.544	164	10380	0.400	ng	0.00
19) Phenanthrene-d10	17.311	188	20811	0.400	ng	0.01
29) Chrysene-d12	21.504	240	19961	0.400	ng	0.02
35) Perylene-d12	23.935	264	18695	0.400	ng	0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.456	112	5911	0.434	ng	0.00
5) Phenol-d6	7.088	99	5939	0.348	ng	0.01
8) Nitrobenzene-d5	9.116	82	3924	0.291	ng	0.04
11) 2-Methylnaphthalene-d10	12.313	152	9135	0.408	ng	0.01
14) 2,4,6-Tribromophenol	16.070	330	1680	0.317	ng	0.02
15) 2-Fluorobiphenyl	13.187	172	13000	0.365	ng	0.01
27) Fluoranthene-d10	19.334	212	23749	0.461	ng	0.00
31) Terphenyl-d14	19.924	244	19385	0.482	ng	0.00
Target Compounds						Qvalue
20) 4,6-Dinitro-2-methylph...	15.735	198	9	0.282	ng	# 1
24) Pentachlorophenol	16.976	266	15	0.269	ng	# 23

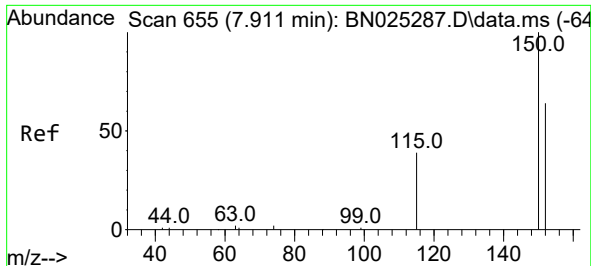
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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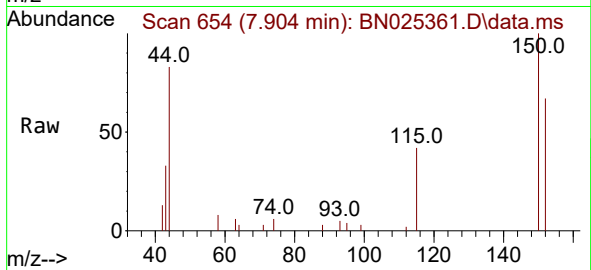
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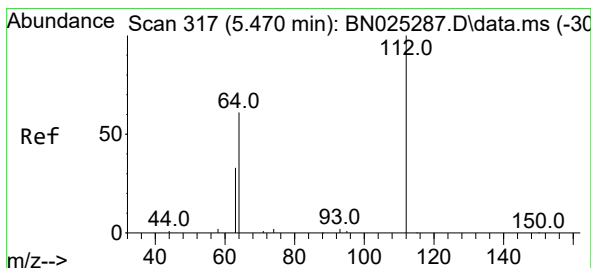
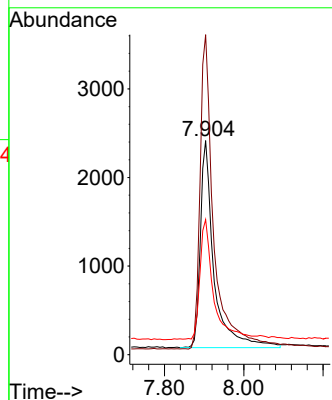
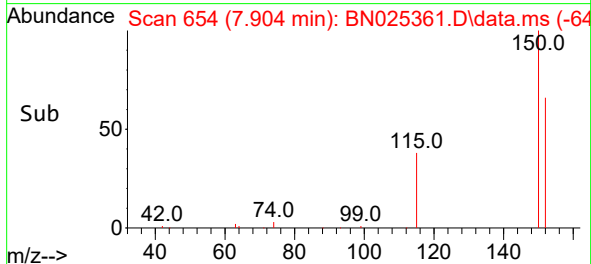


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.904 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN025361.D
Acq: 09 May 2023 11:27

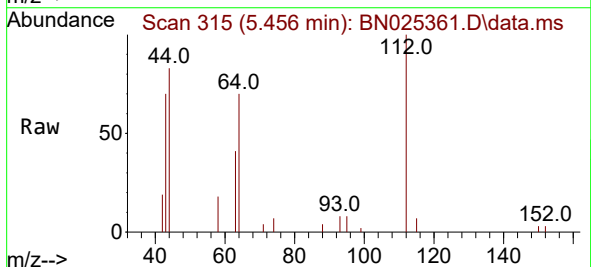
Instrument :
BNA_N
ClientSampleId :
PB152568BL



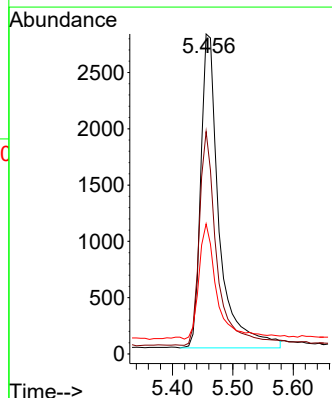
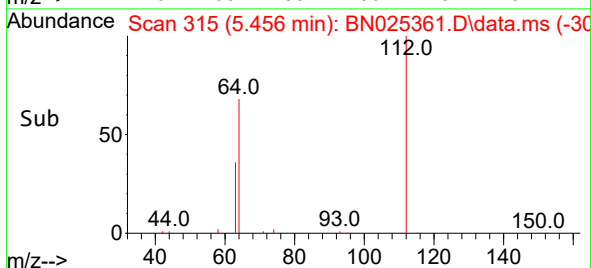
Tgt Ion:152 Resp: 5593
Ion Ratio Lower Upper
152 100
150 149.5 123.8 185.8
115 63.1 52.9 79.3

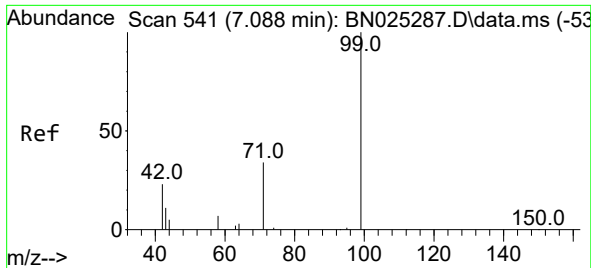


#4
2-Fluorophenol
Concen: 0.434 ng
RT: 5.456 min Scan# 315
Delta R.T. 0.000 min
Lab File: BN025361.D
Acq: 09 May 2023 11:27



Tgt Ion:112 Resp: 5911
Ion Ratio Lower Upper
112 100
64 64.4 51.5 77.3
63 36.2 27.8 41.6

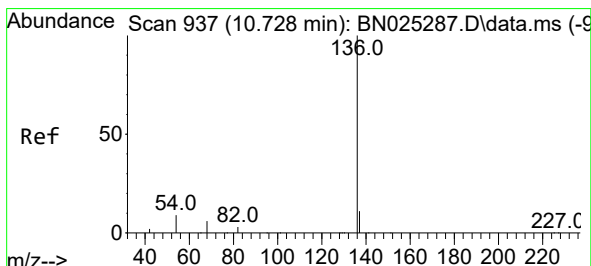
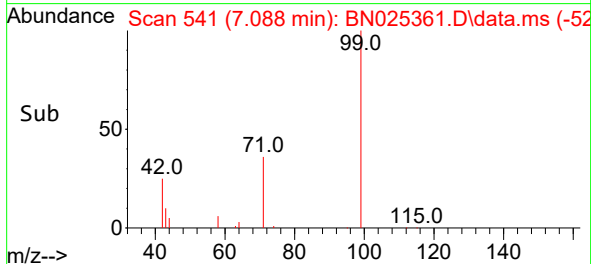
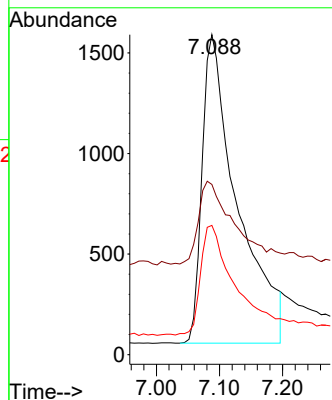
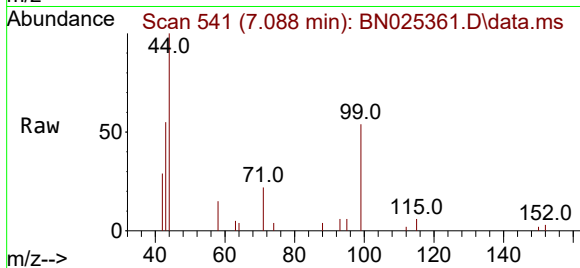




#5
Phenol-d6
Concen: 0.348 ng
RT: 7.088 min Scan# 541
Delta R.T. 0.015 min
Lab File: BN025361.D
Acq: 09 May 2023 11:27

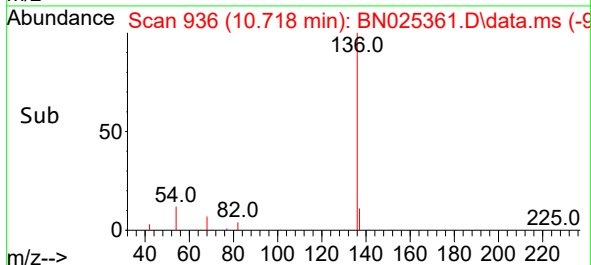
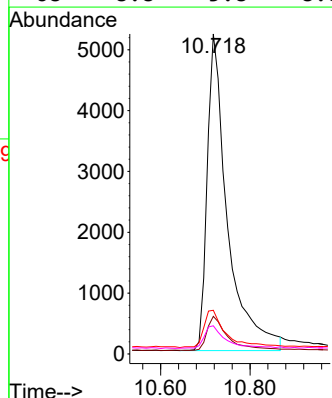
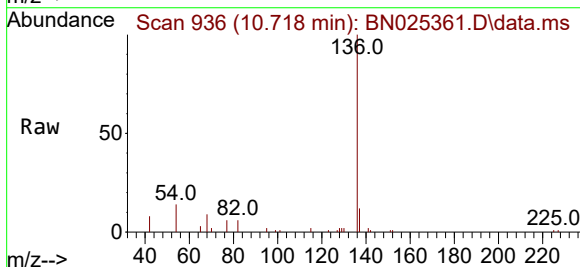
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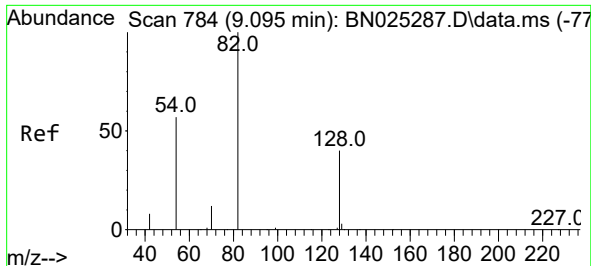
Tgt Ion: 99 Resp: 5939
Ion Ratio Lower Upper
99 100
42 27.9 22.0 33.0
71 35.3 28.7 43.1



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.718 min Scan# 936
Delta R.T. 0.011 min
Lab File: BN025361.D
Acq: 09 May 2023 11:27

Tgt Ion:136 Resp: 16388
Ion Ratio Lower Upper
136 100
137 11.8 9.4 14.2
54 13.7 8.5 12.7#
68 8.8 5.8 8.8#

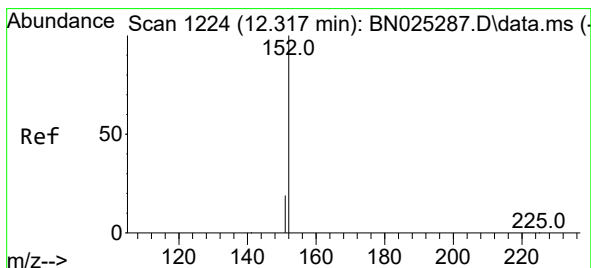
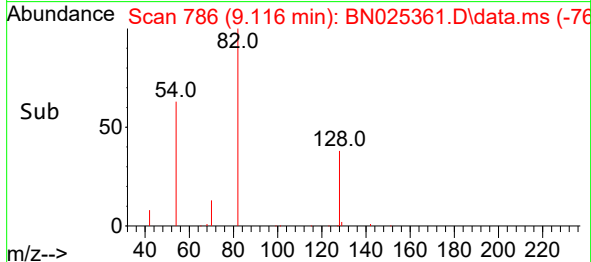
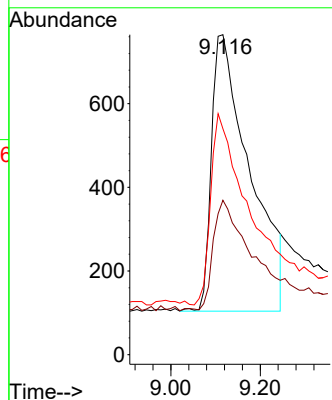
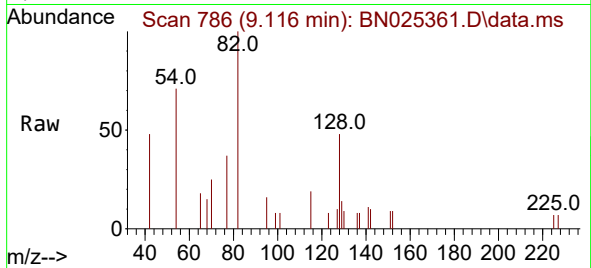




#8
Nitrobenzene-d5
Concen: 0.291 ng
RT: 9.116 min Scan# 784
Delta R.T. 0.043 min
Lab File: BN025361.D
Acq: 09 May 2023 11:27

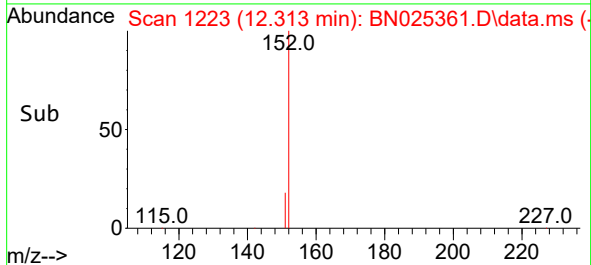
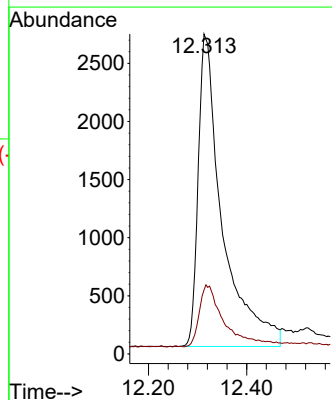
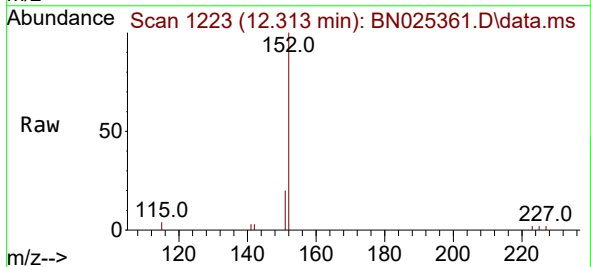
Instrument :
BNA_N
ClientSampleId :
PB152568BL

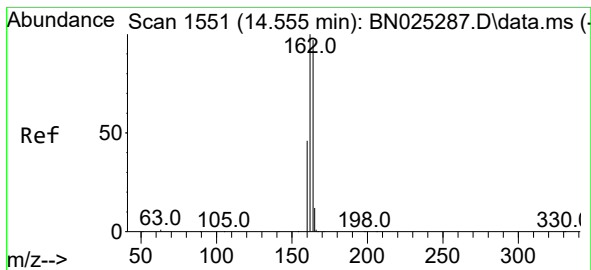
Tgt Ion: 82 Resp: 3924
Ion Ratio Lower Upper
82 100
128 48.2 35.3 52.9
54 70.6 48.7 73.1



#11
2-Methylnaphthalene-d10
Concen: 0.408 ng
RT: 12.313 min Scan# 1223
Delta R.T. 0.011 min
Lab File: BN025361.D
Acq: 09 May 2023 11:27

Tgt Ion: 152 Resp: 9135
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.544 min Scan# 1550

Delta R.T. 0.000 min

Lab File: BN025361.D

Acq: 09 May 2023 11:27

Instrument :

BNA_N

ClientSampleId :

PB152568BL

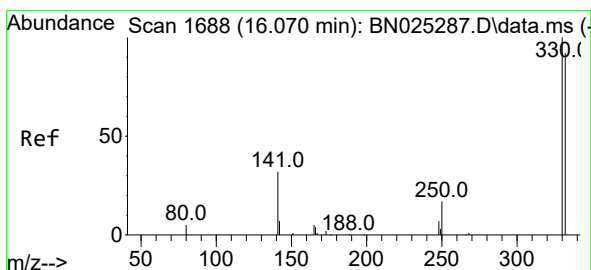
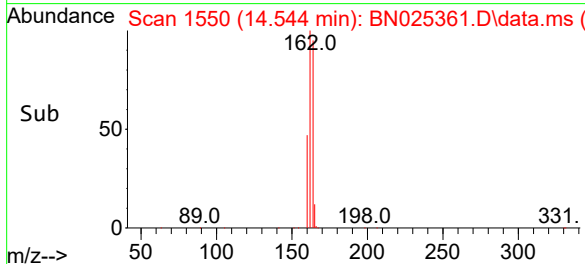
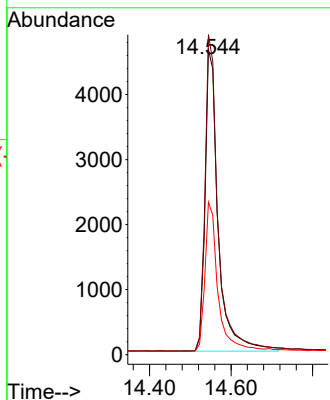
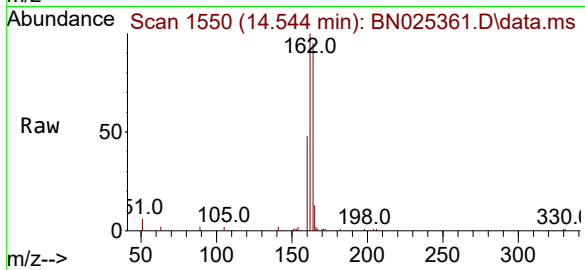
Tgt Ion:164 Resp: 10380

Ion Ratio Lower Upper

164 100

162 104.9 82.1 123.1

160 50.0 38.3 57.5



#14

2,4,6-Tribromophenol

Concen: 0.317 ng

RT: 16.070 min Scan# 1688

Delta R.T. 0.025 min

Lab File: BN025361.D

Acq: 09 May 2023 11:27

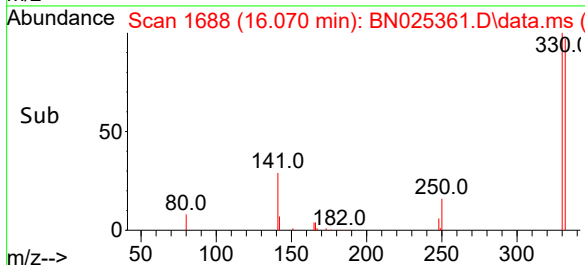
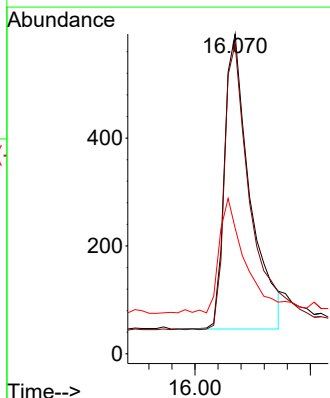
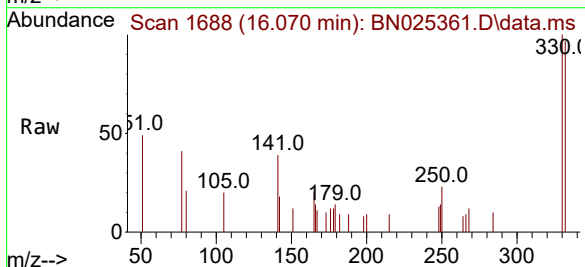
Tgt Ion:330 Resp: 1680

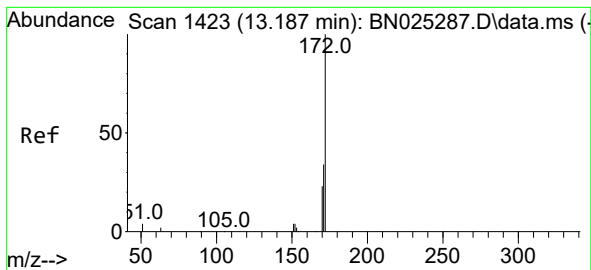
Ion Ratio Lower Upper

330 100

332 96.3 77.4 116.0

141 38.2 28.9 43.3

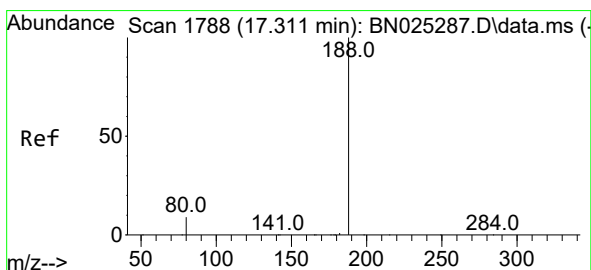
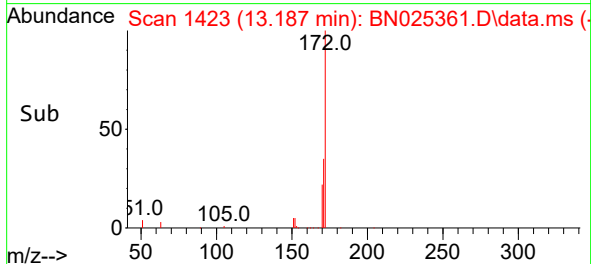
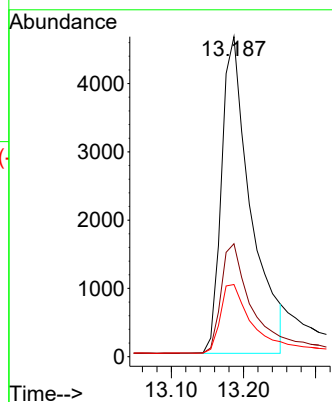
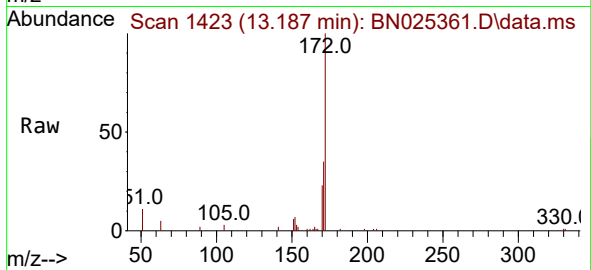




#15
2-Fluorobiphenyl
Concen: 0.365 ng
RT: 13.187 min Scan# 1423
Delta R.T. 0.011 min
Lab File: BN025361.D
Acq: 09 May 2023 11:27

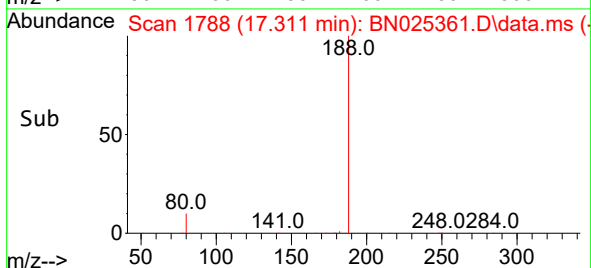
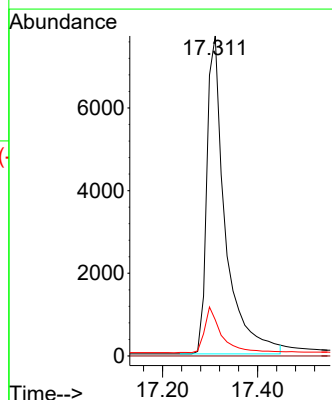
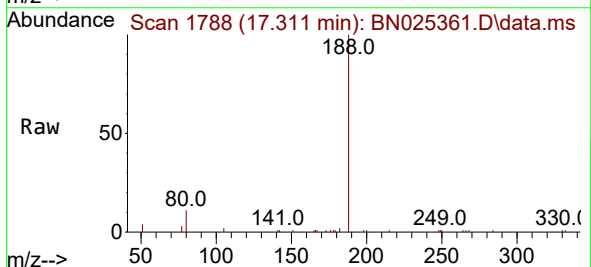
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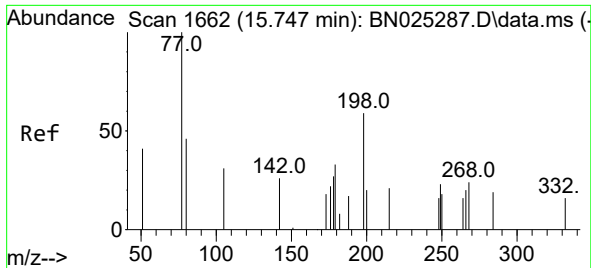
Tgt Ion:172 Resp: 13000
Ion Ratio Lower Upper
172 100
171 35.3 27.9 41.9
170 22.6 19.0 28.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.311 min Scan# 1788
Delta R.T. 0.013 min
Lab File: BN025361.D
Acq: 09 May 2023 11:27

Tgt Ion:188 Resp: 20811
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.3 8.0 12.0

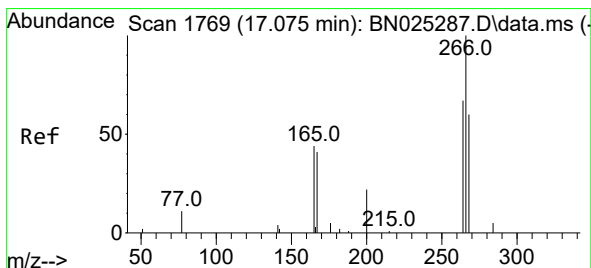
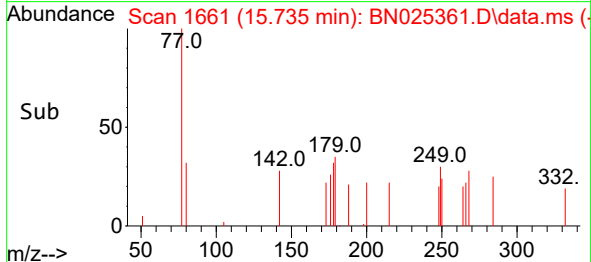
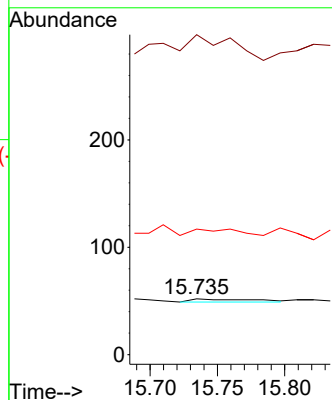
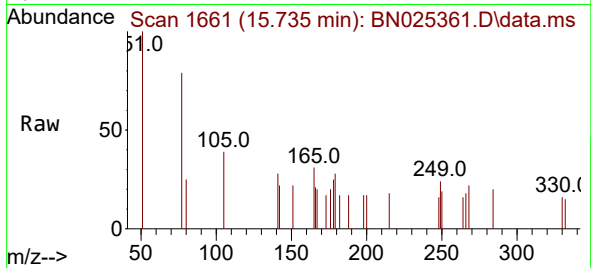




#20
4,6-Dinitro-2-methylphenol
Concen: 0.282 ng
RT: 15.735 min Scan# 1661
Delta R.T. 0.013 min
Lab File: BN025361.D
Acq: 09 May 2023 11:27

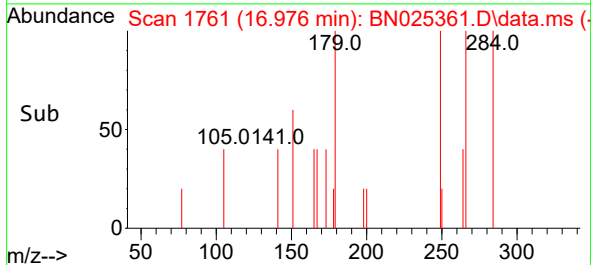
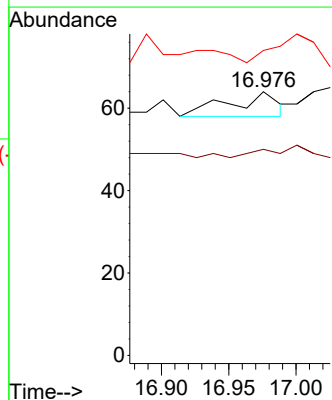
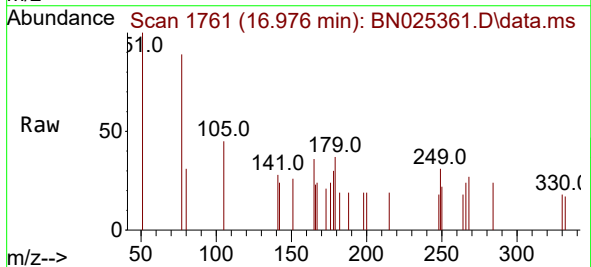
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BNA_N
ClientSampleId :
PB152568BL

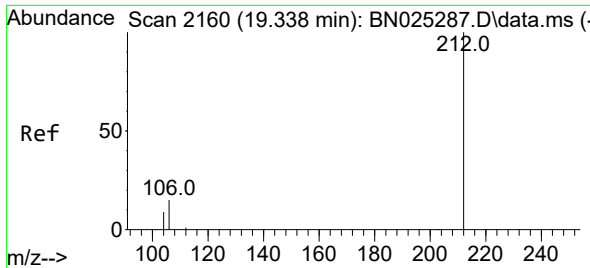
Tgt Ion:198 Resp: 9
Ion Ratio Lower Upper
198 100
51 573.1 162.1 243.1#
105 225.0 83.1 124.7#



#24
Pentachlorophenol
Concen: 0.269 ng
RT: 16.976 min Scan# 1761
Delta R.T. 0.013 min
Lab File: BN025361.D
Acq: 09 May 2023 11:27

Tgt Ion:266 Resp: 15
Ion Ratio Lower Upper
266 100
264 0.0 43.0 64.4#
268 0.0 47.4 71.2#

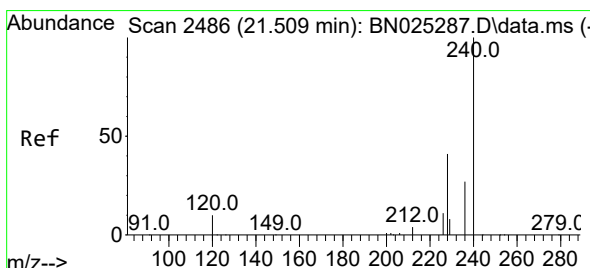
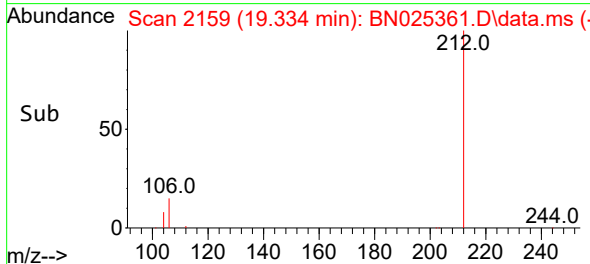
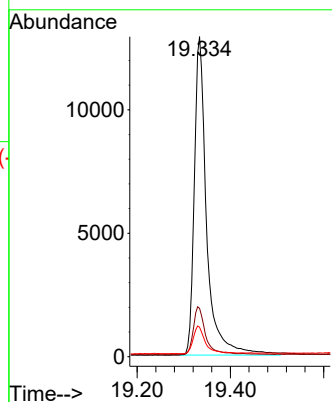
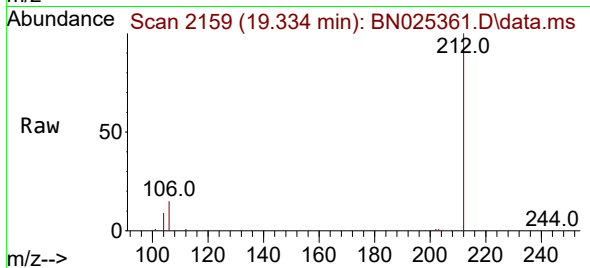




#27
Fluoranthene-d10
Concen: 0.461 ng
RT: 19.334 min Scan# 2160
Delta R.T. 0.004 min
Lab File: BN025361.D
Acq: 09 May 2023 11:27

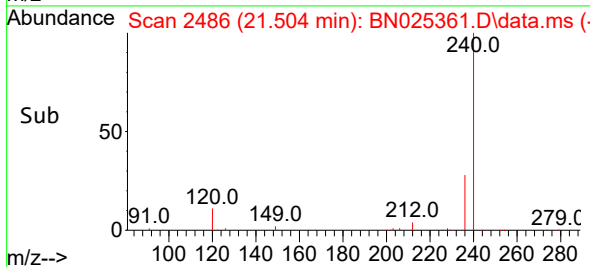
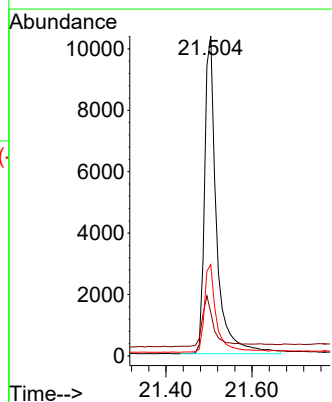
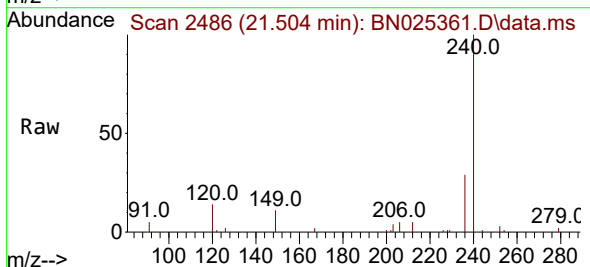
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PB152568BL

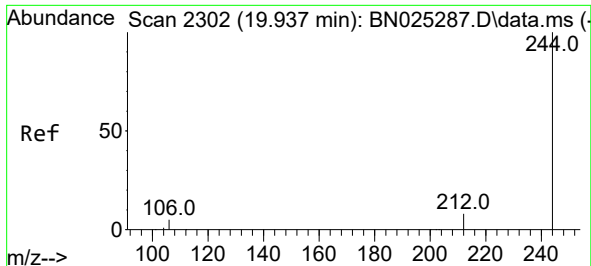
Tgt Ion:212 Resp: 23749
Ion Ratio Lower Upper
212 100
106 15.0 12.6 19.0
104 8.1 7.0 10.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.504 min Scan# 2486
Delta R.T. 0.018 min
Lab File: BN025361.D
Acq: 09 May 2023 11:27

Tgt Ion:240 Resp: 19961
Ion Ratio Lower Upper
240 100
120 13.6 10.3 15.5
236 28.6 22.3 33.5

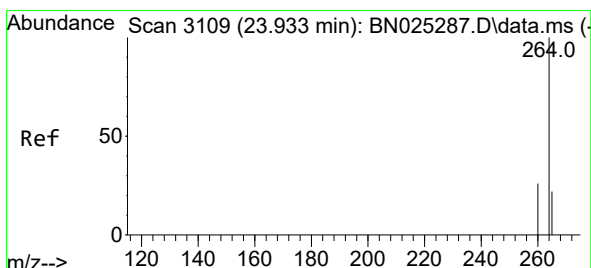
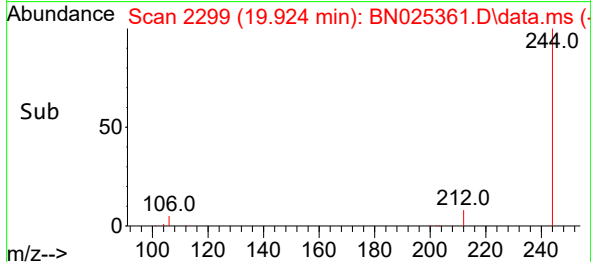
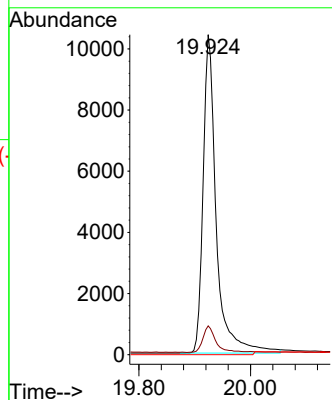
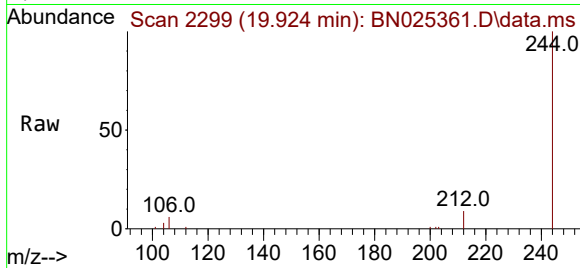




#31
Terphenyl-d14
Concen: 0.482 ng
RT: 19.924 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN025361.D
Acq: 09 May 2023 11:27

Instrument :
BNA_N
ClientSampleId :
PB152568BL

Tgt Ion:244 Resp: 19385
Ion Ratio Lower Upper
244 100
212 9.0 7.1 10.7
122 0.0 0.0 0.0



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.935 min Scan# 3109
Delta R.T. 0.024 min
Lab File: BN025361.D
Acq: 09 May 2023 11:27

Tgt Ion:264 Resp: 18695
Ion Ratio Lower Upper
264 100
260 26.4 21.5 32.3
265 58.4 46.2 69.4

