

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091423\
 Data File : BN027639.D
 Acq On : 13 Sep 2023 11:17
 Operator : MA/JU
 Sample : PB155302BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB155302BL

Quant Time: Sep 13 12:58:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:45:58 2023
 Response via : Initial Calibration

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

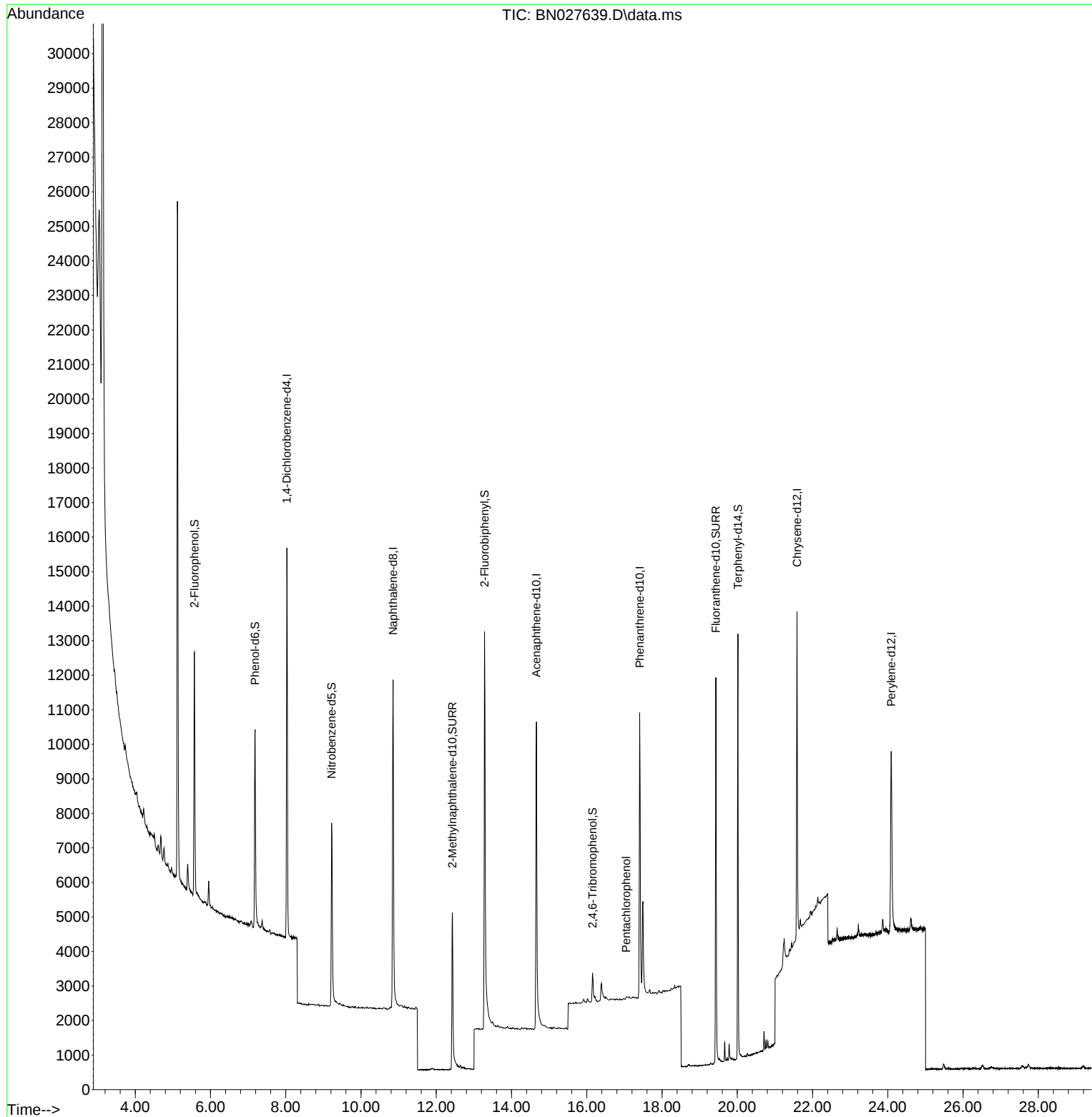
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.030	152	5862	0.400	ng	0.00
7) Naphthalene-d8	10.853	136	15047	0.400	ng	0.00
13) Acenaphthene-d10	14.662	164	6897	0.400	ng	0.00
19) Phenanthrene-d10	17.405	188	13829	0.400	ng	0.00
29) Chrysene-d12	21.587	240	9833	0.400	ng	0.00
35) Perylene-d12	24.089	264	9321	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.574	112	6475	0.424	ng	0.00
5) Phenol-d6	7.185	99	6803	0.366	ng	0.00
8) Nitrobenzene-d5	9.219	82	5711	0.521	ng	-0.01
11) 2-Methylnaphthalene-d10	12.426	152	8361	0.378	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	618	0.242	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	13504	0.515	ng	-0.01
27) Fluoranthene-d10	19.430	212	13436	0.391	ng	0.00
31) Terphenyl-d14	20.015	244	11998	0.607	ng	0.00
Target Compounds						
24) Pentachlorophenol	17.046	266	83	0.025	ng	Qvalue # 43

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

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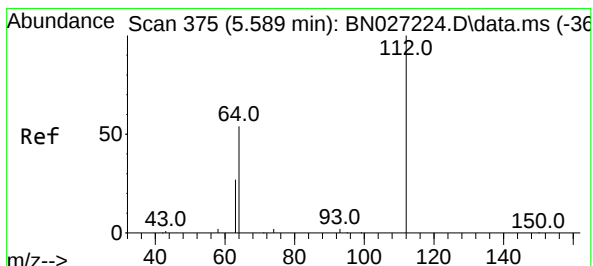
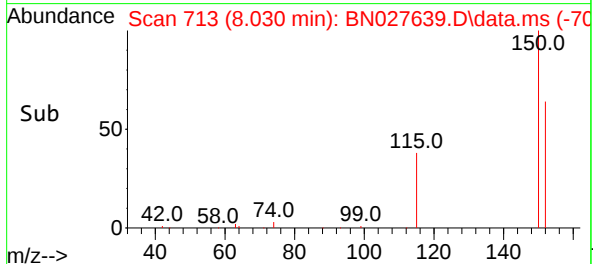
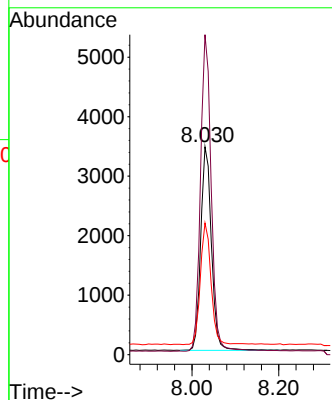
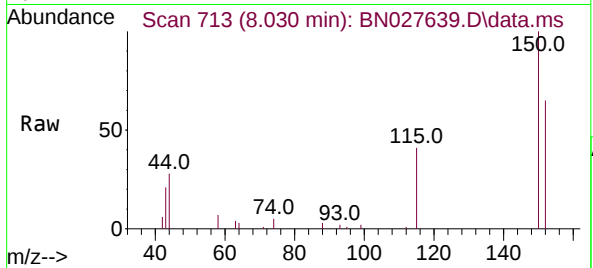




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.030 min Scan# 719
Delta R.T. -0.007 min
Lab File: BN027639.D
Acq: 13 Sep 2023 11:17

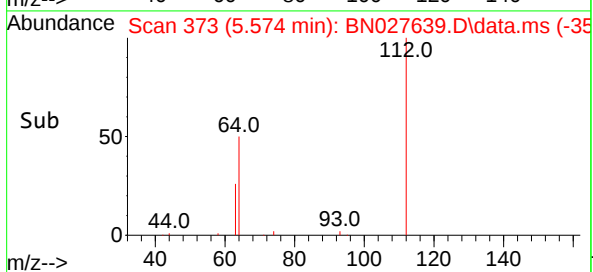
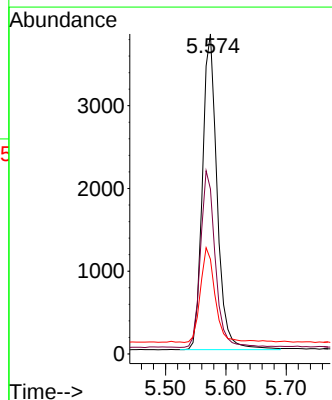
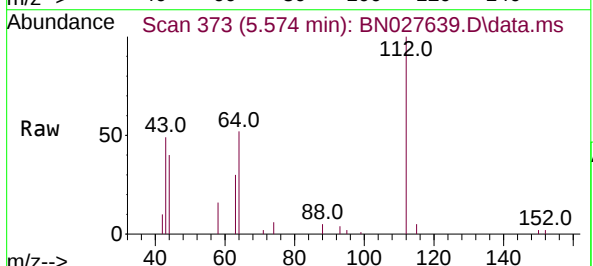
Instrument :
BNA_N
ClientSampleId :
PB155302BL

Tgt Ion:152 Resp: 5862
Ion Ratio Lower Upper
152 100
150 154.0 122.7 184.1
115 63.3 48.6 73.0



#4
2-Fluorophenol
Concen: 0.424 ng
RT: 5.574 min Scan# 373
Delta R.T. 0.000 min
Lab File: BN027639.D
Acq: 13 Sep 2023 11:17

Tgt Ion:112 Resp: 6475
Ion Ratio Lower Upper
112 100
64 56.2 44.4 66.6
63 29.6 23.1 34.7

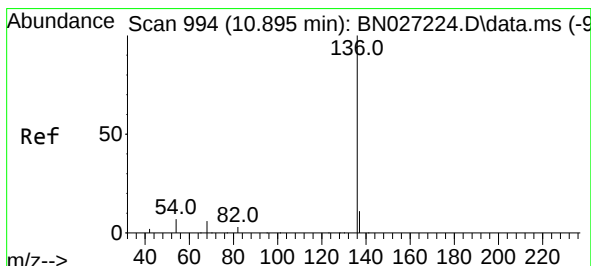
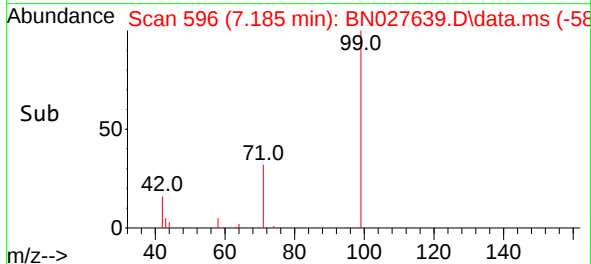
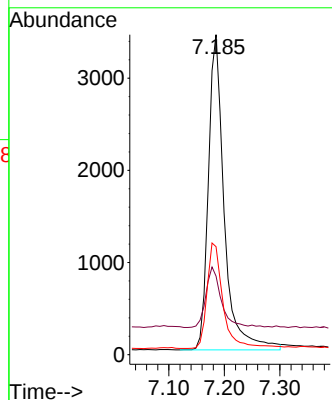
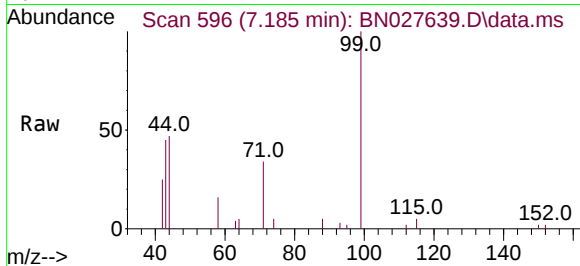




#5
Phenol-d6
Concen: 0.366 ng
RT: 7.185 min Scan# 599
Delta R.T. 0.000 min
Lab File: BN027639.D
Acq: 13 Sep 2023 11:17

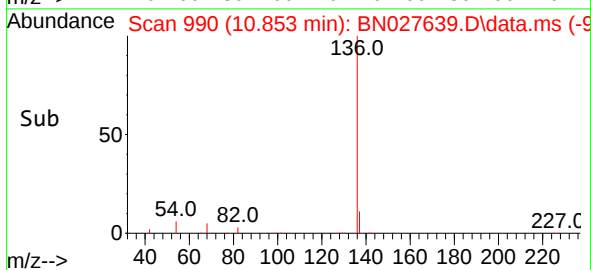
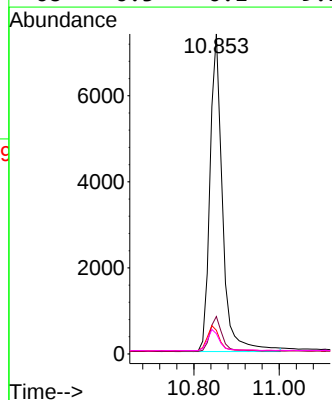
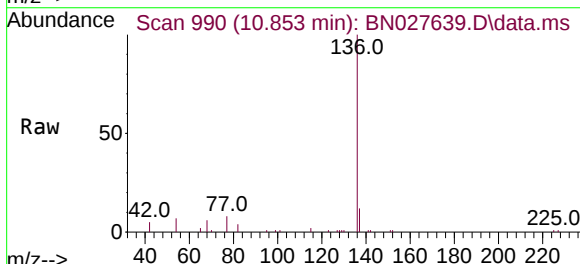
Instrument :
BNA_N
ClientSampleId :
PB155302BL

Tgt Ion: 99	Resp: 6803
Ion Ratio	Lower Upper
99 100	
42 18.8	14.5 21.7
71 34.0	25.8 38.6



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.853 min Scan# 990
Delta R.T. 0.000 min
Lab File: BN027639.D
Acq: 13 Sep 2023 11:17

Tgt Ion: 136	Resp: 15047
Ion Ratio	Lower Upper
136 100	
137 11.7	9.3 13.9
54 7.4	6.7 10.1
68 6.3	6.1 9.1

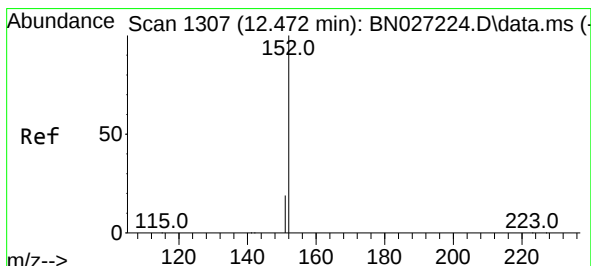
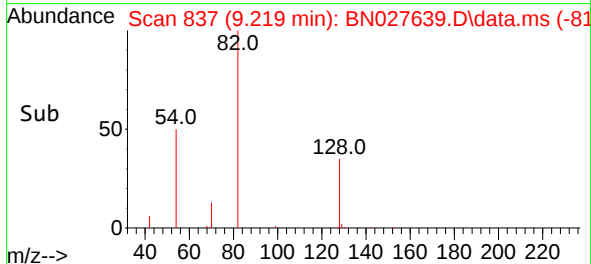
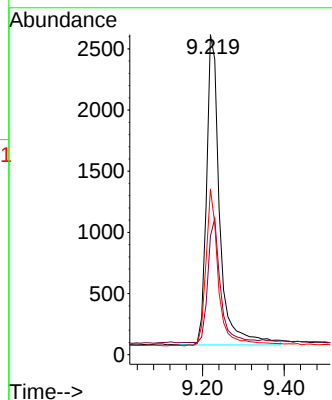
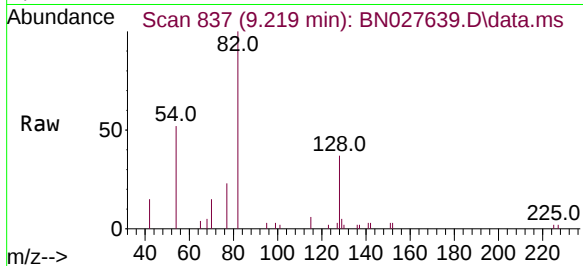




#8
Nitrobenzene-d5
Concen: 0.521 ng
RT: 9.219 min Scan# 81
Delta R.T. -0.011 min
Lab File: BN027639.D
Acq: 13 Sep 2023 11:17

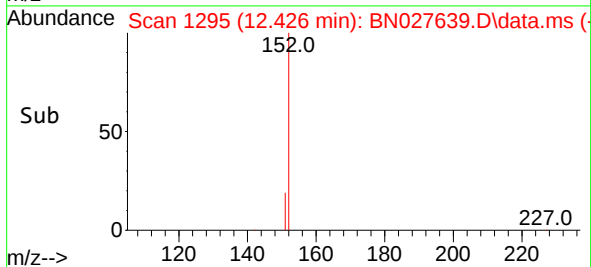
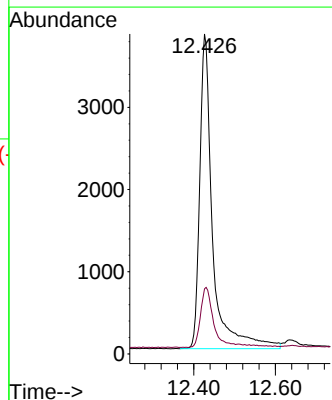
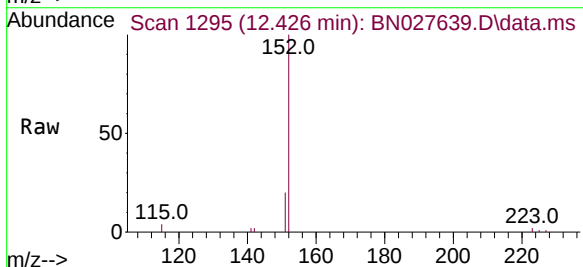
Instrument :
BNA_N
ClientSampleId :
PB155302BL

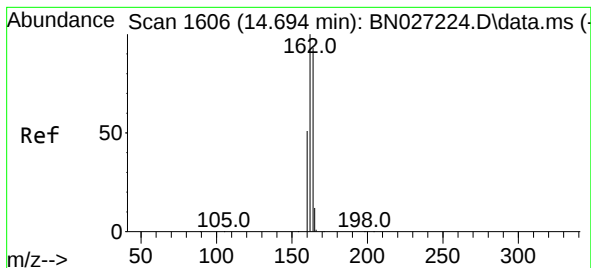
Tgt Ion: 82 Resp: 5711
Ion Ratio Lower Upper
82 100
128 37.1 33.4 50.0
54 51.8 37.7 56.5



#11
2-Methylnaphthalene-d10
Concen: 0.378 ng
RT: 12.426 min Scan# 1295
Delta R.T. -0.004 min
Lab File: BN027639.D
Acq: 13 Sep 2023 11:17

Tgt Ion: 152 Resp: 8361
Ion Ratio Lower Upper
152 100
151 18.9 16.6 25.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.662 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN027639.D

Acq: 13 Sep 2023 11:17

Instrument :

BNA_N

ClientSampleId :

PB155302BL

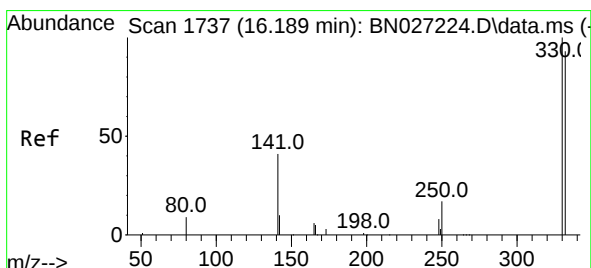
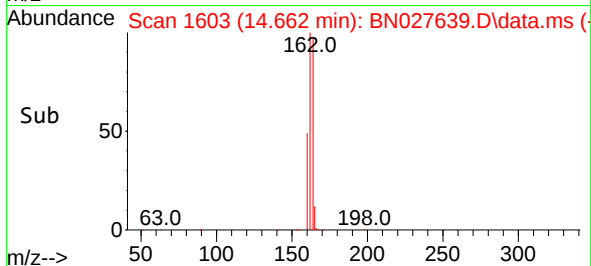
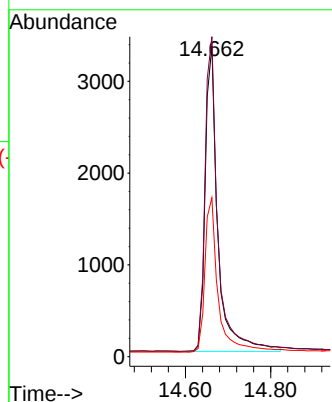
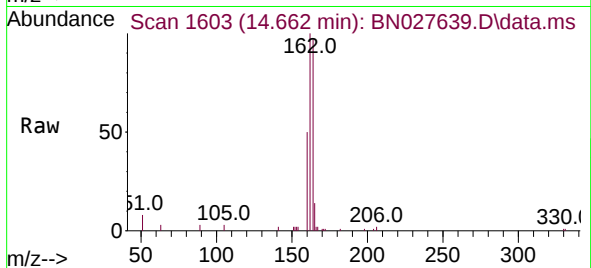
Tgt Ion:164 Resp: 6897

Ion Ratio Lower Upper

164 100

162 102.9 85.8 128.8

160 51.1 44.2 66.2



#14

2,4,6-Tribromophenol

Concen: 0.242 ng

RT: 16.152 min Scan# 1734

Delta R.T. 0.000 min

Lab File: BN027639.D

Acq: 13 Sep 2023 11:17

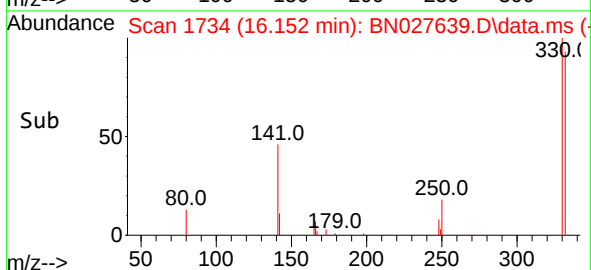
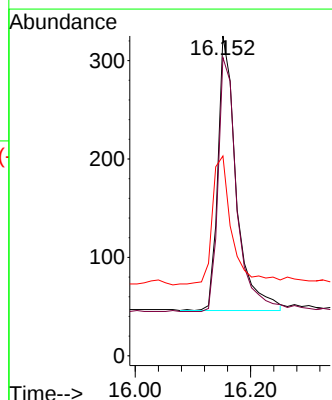
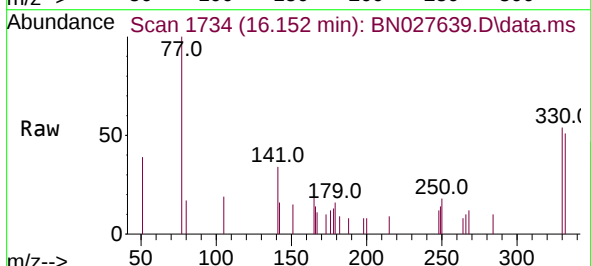
Tgt Ion:330 Resp: 618

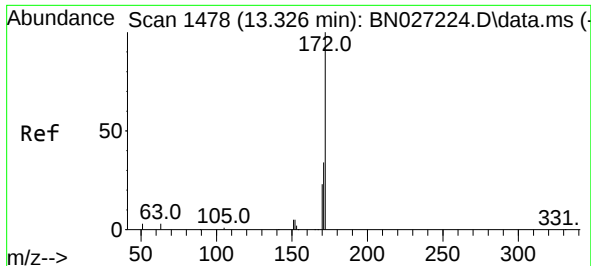
Ion Ratio Lower Upper

330 100

332 94.2 75.2 112.8

141 48.9 36.2 54.4

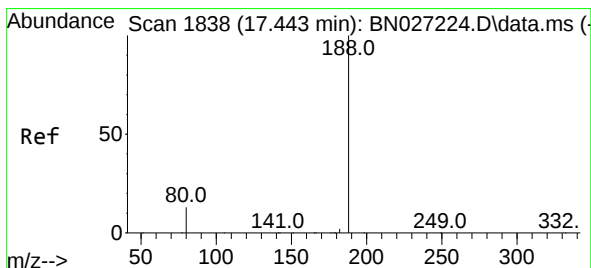
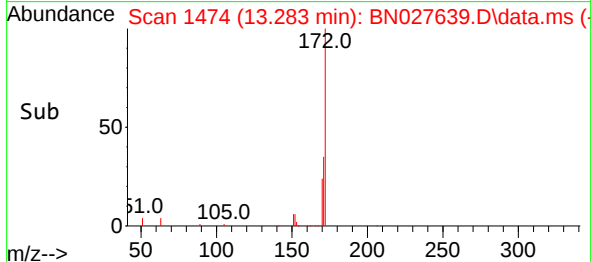
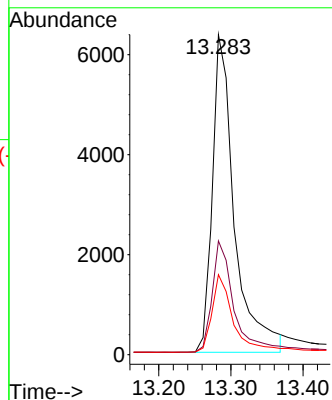
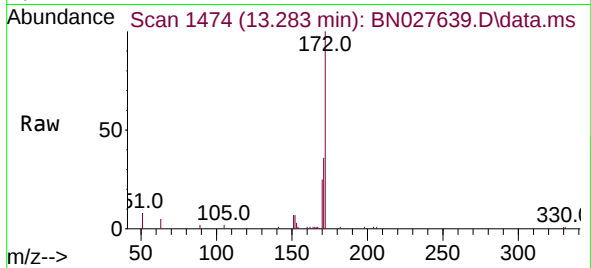




#15
2-Fluorobiphenyl
Concen: 0.515 ng
RT: 13.283 min Scan# 1478
Delta R.T. -0.011 min
Lab File: BN027639.D
Acq: 13 Sep 2023 11:17

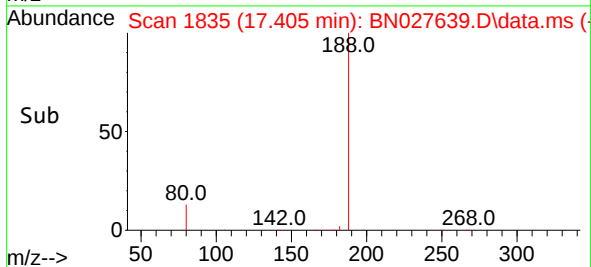
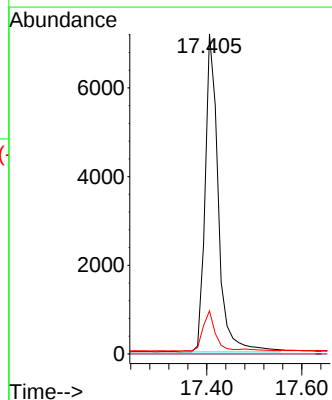
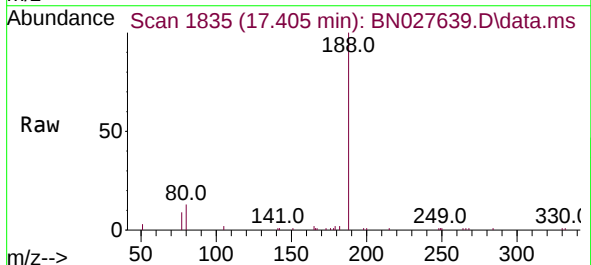
Instrument :
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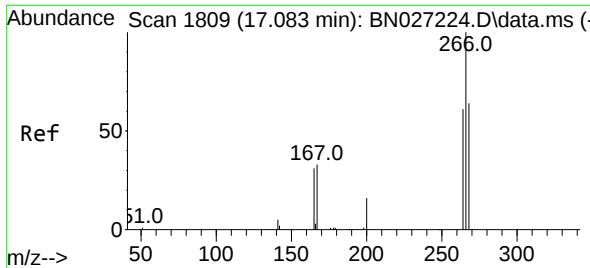
Tgt Ion:172 Resp: 13504
Ion Ratio Lower Upper
172 100
171 35.5 27.8 41.8
170 25.0 19.3 28.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.405 min Scan# 1835
Delta R.T. 0.000 min
Lab File: BN027639.D
Acq: 13 Sep 2023 11:17

Tgt Ion:188 Resp: 13829
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.4 11.0 16.6

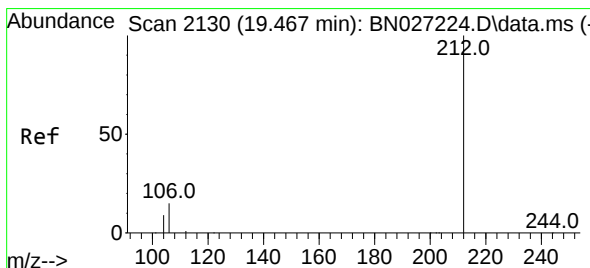
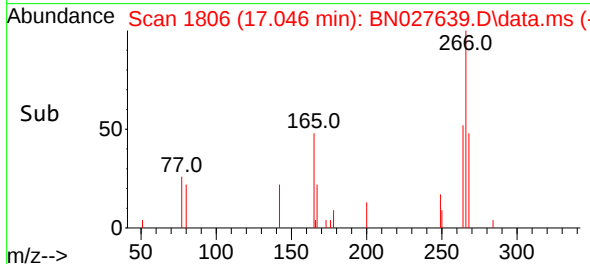
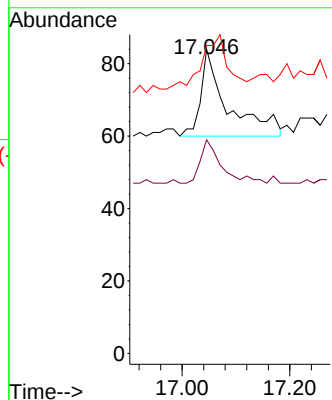
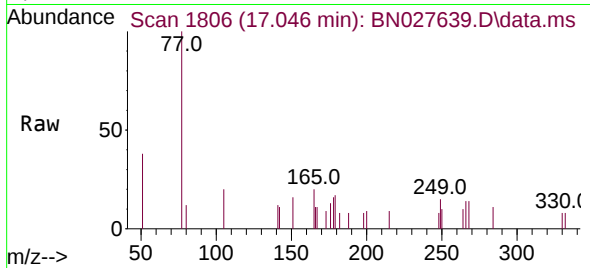




#24
 Pentachlorophenol
 Concen: 0.025 ng
 RT: 17.046 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BN027639.D
 Acq: 13 Sep 2023 11:17

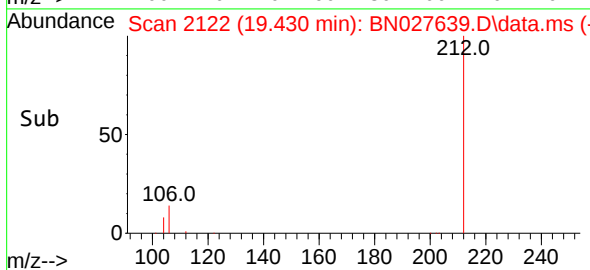
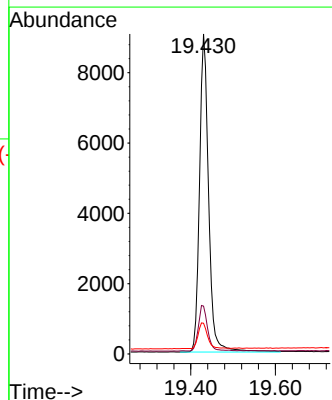
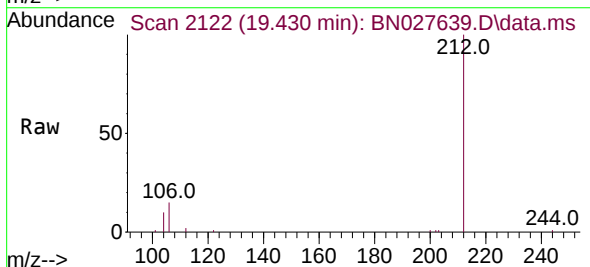
Instrument :
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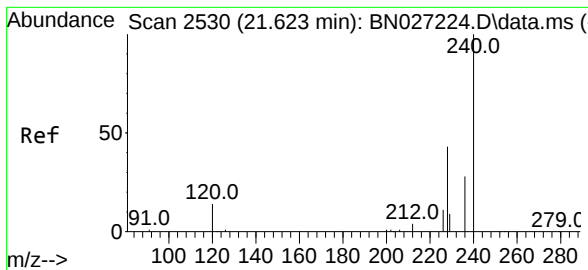
Tgt Ion:266 Resp: 83
 Ion Ratio Lower Upper
 266 100
 264 38.6 50.3 75.5#
 268 0.0 52.0 78.0#



#27
 Fluoranthene-d10
 Concen: 0.391 ng
 RT: 19.430 min Scan# 2122
 Delta R.T. -0.005 min
 Lab File: BN027639.D
 Acq: 13 Sep 2023 11:17

Tgt Ion:212 Resp: 13436
 Ion Ratio Lower Upper
 212 100
 106 14.5 12.1 18.1
 104 8.5 6.9 10.3





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.587 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN027639.D

Acq: 13 Sep 2023 11:17

Instrument :

BNA_N

ClientSampleId :

PB155302BL

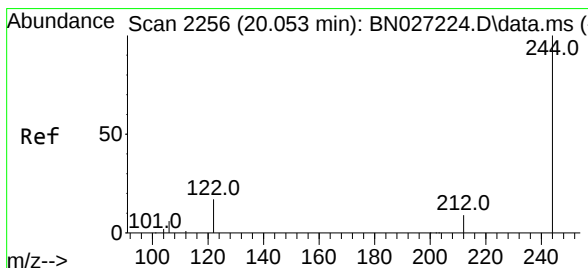
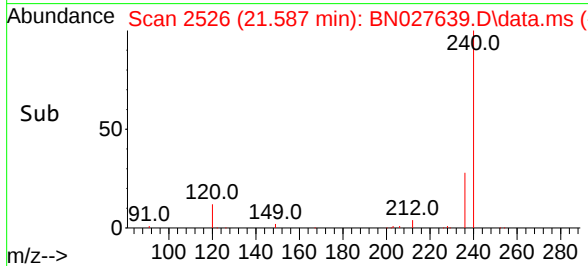
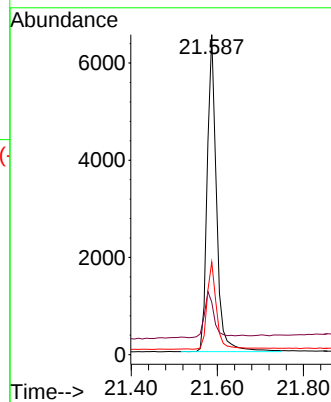
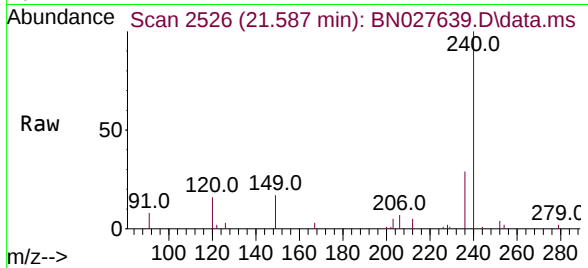
Tgt Ion:240 Resp: 9833

Ion Ratio Lower Upper

240 100

120 16.4 14.2 21.4

236 28.9 22.9 34.3



#31

Terphenyl-d14

Concen: 0.607 ng

RT: 20.015 min Scan# 2248

Delta R.T. -0.005 min

Lab File: BN027639.D

Acq: 13 Sep 2023 11:17

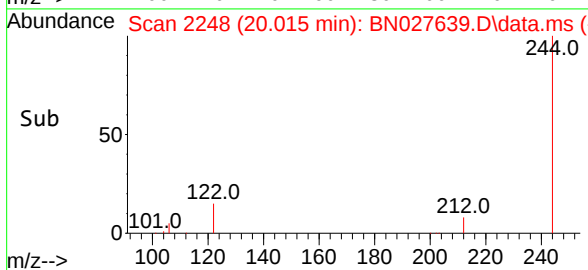
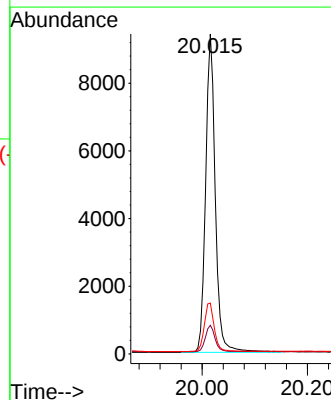
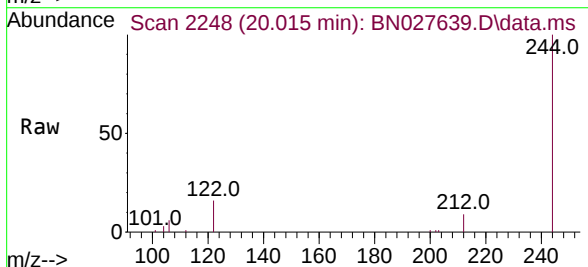
Tgt Ion:244 Resp: 11998

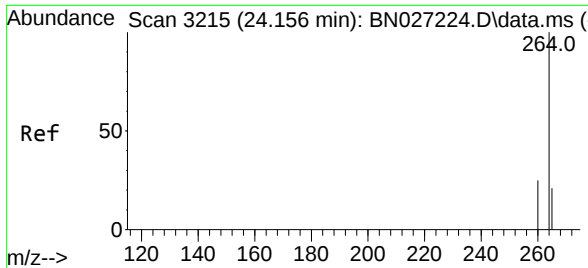
Ion Ratio Lower Upper

244 100

212 8.9 7.5 11.3

122 15.9 14.0 21.0





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.089 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BN027639.D
 Acq: 13 Sep 2023 11:17

Instrument :
 BNA_N
 ClientSampleId :
 PB155302BL

Tgt Ion:264 Resp: 9321
 Ion Ratio Lower Upper
 264 100
 260 27.5 20.7 31.1
 265 97.7 53.3 79.9#

