

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083023\
 Data File : BN027352.D
 Acq On : 01 Sep 2023 19:48
 Operator : MA/JU
 Sample : PB155087BL
 Misc :
 ALS Vial : 133 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB155087BL

Quant Time: Sep 02 01:55:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 01 09:08:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.058	152	10684	0.400	ng	0.00
7) Naphthalene-d8	10.884	136	31290	0.400	ng	# 0.00
13) Acenaphthene-d10	14.694	164	19654	0.400	ng	0.01
19) Phenanthrene-d10	17.442	188	45311	0.400	ng	0.01
29) Chrysene-d12	21.614	240	34379	0.400	ng	0.00
35) Perylene-d12	24.141	264	30493	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.581	112	6463	0.232	ng	0.00
5) Phenol-d6	7.199	99	7460	0.220	ng	0.00
8) Nitrobenzene-d5	9.251	82	4478	0.196	ng	0.00
11) 2-Methylnaphthalene-d10	12.460	152	9032	0.197	ng	0.00
14) 2,4,6-Tribromophenol	16.189	330	1317	0.181	ng	0.01
15) 2-Fluorobiphenyl	13.314	172	12649	0.169	ng	0.00
27) Fluoranthene-d10	19.462	212	22631	0.201	ng	0.00
31) Terphenyl-d14	20.048	244	16608	0.240	ng	0.00

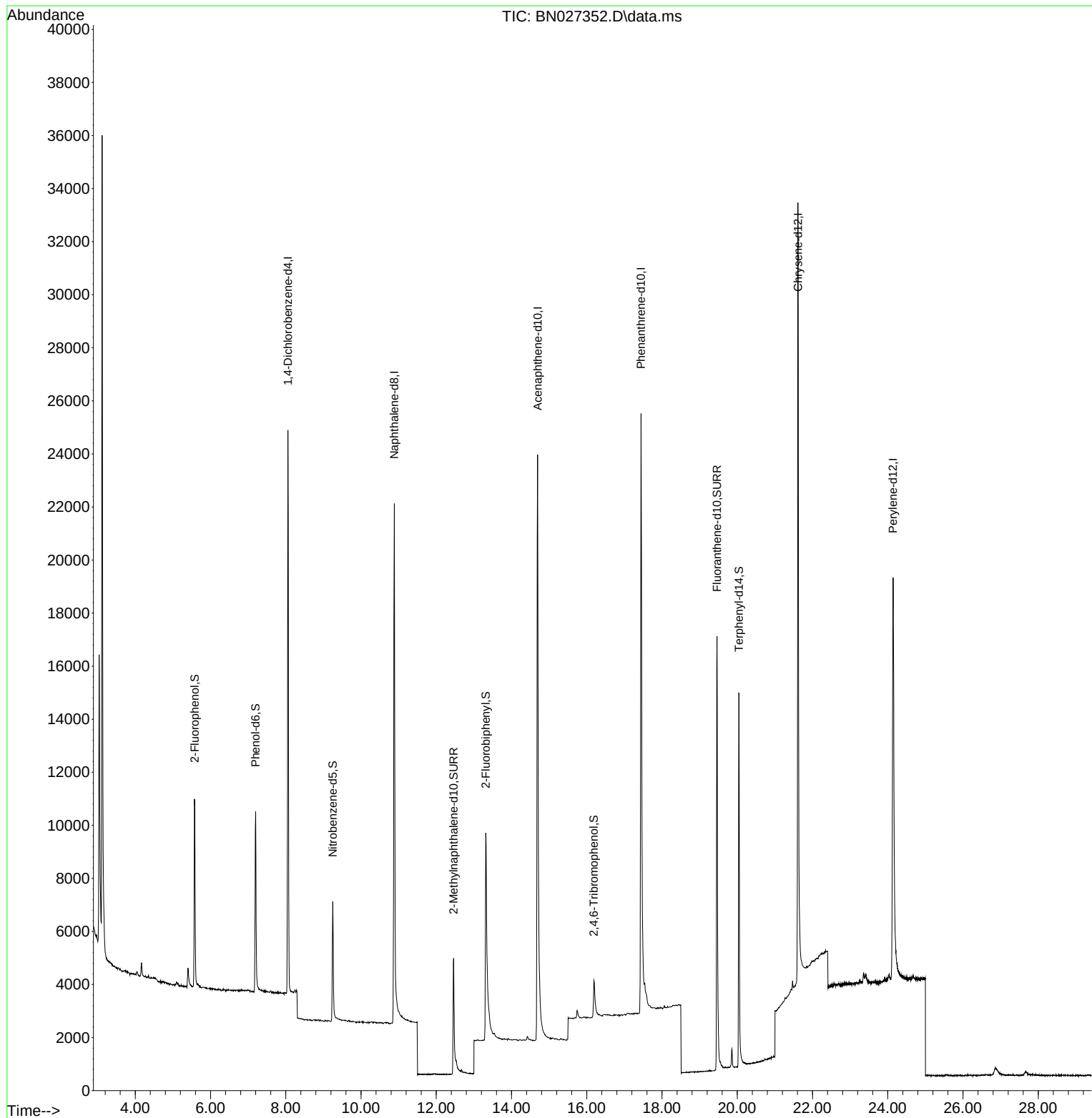
Target Compounds Qvalue

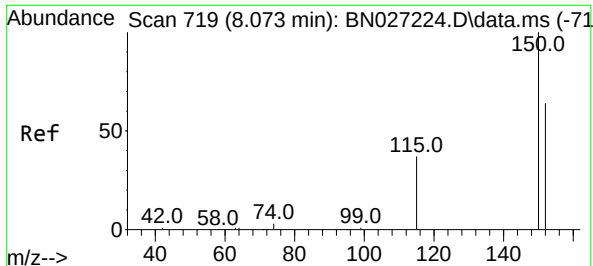
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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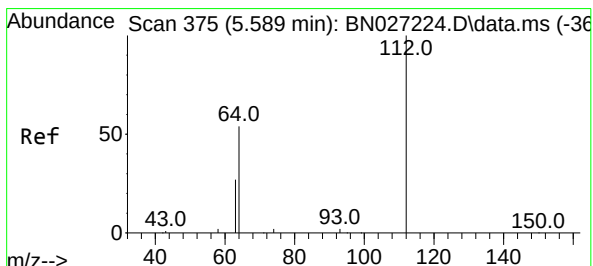
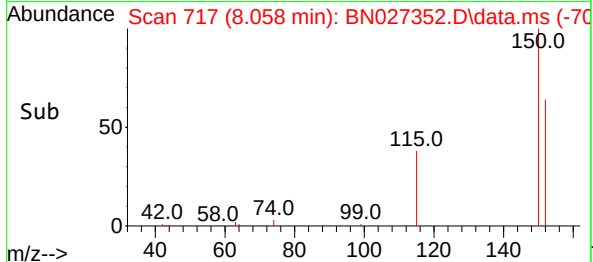
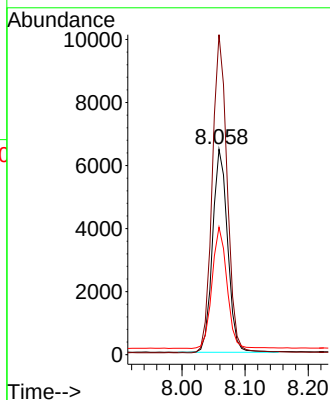
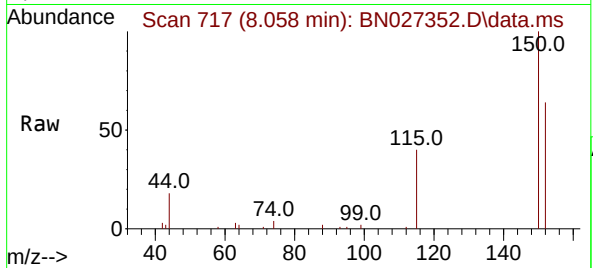




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.058 min Scan# 719
 Delta R.T. -0.001 min
 Lab File: BN027352.D
 Acq: 01 Sep 2023 19:48

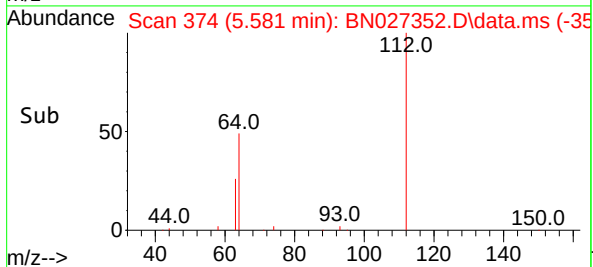
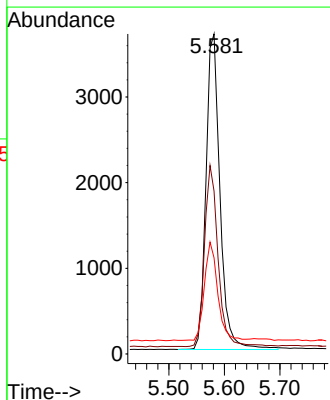
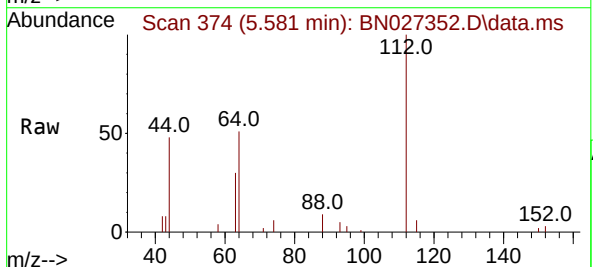
Instrument :
 BNA_N
 ClientSampleId :
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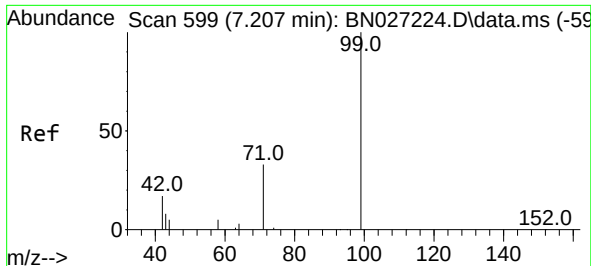
Tgt Ion:152 Resp: 10684
 Ion Ratio Lower Upper
 152 100
 150 155.7 122.7 184.1
 115 62.0 48.6 73.0



#4
 2-Fluorophenol
 Concen: 0.232 ng
 RT: 5.581 min Scan# 374
 Delta R.T. 0.007 min
 Lab File: BN027352.D
 Acq: 01 Sep 2023 19:48

Tgt Ion:112 Resp: 6463
 Ion Ratio Lower Upper
 112 100
 64 56.0 44.4 66.6
 63 29.5 23.1 34.7

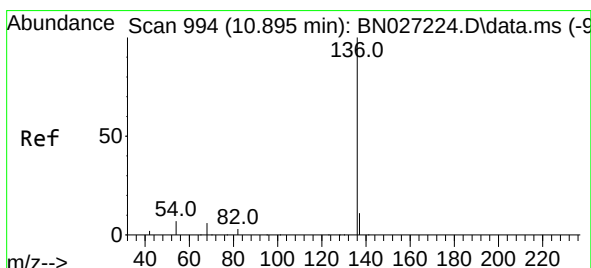
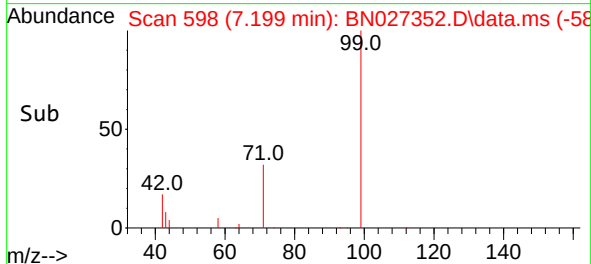
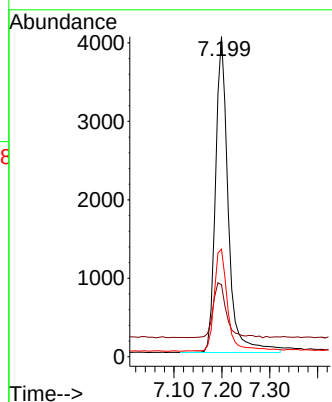
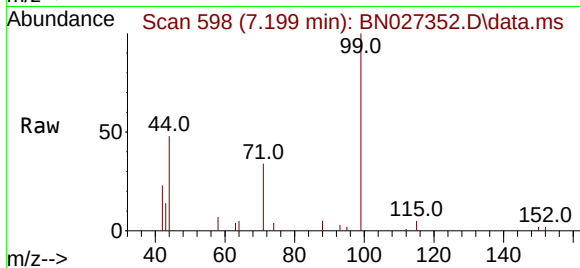




#5
Phenol-d6
Concen: 0.220 ng
RT: 7.199 min Scan# 599
Delta R.T. -0.000 min
Lab File: BN027352.D
Acq: 01 Sep 2023 19:48

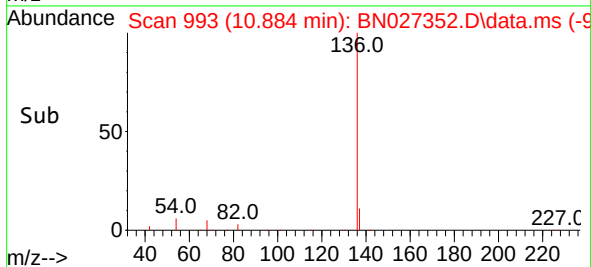
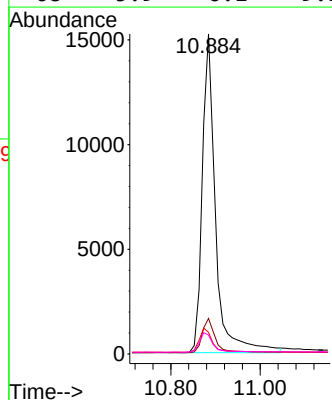
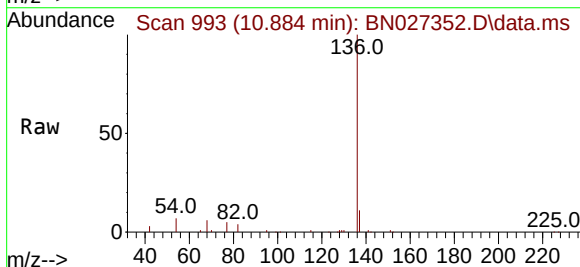
Instrument :
BNA_N
ClientSampleId :
PB155087BL

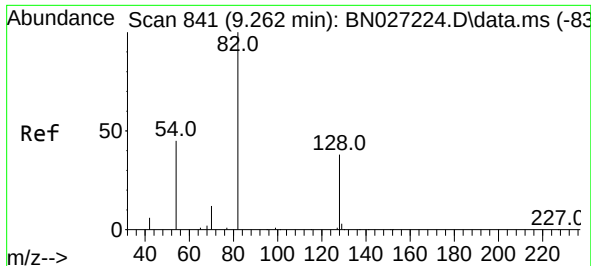
Tgt Ion: 99 Resp: 7460
Ion Ratio Lower Upper
99 100
42 17.7 14.5 21.7
71 34.5 25.8 38.6



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.884 min Scan# 993
Delta R.T. -0.000 min
Lab File: BN027352.D
Acq: 01 Sep 2023 19:48

Tgt Ion: 136 Resp: 31290
Ion Ratio Lower Upper
136 100
137 11.1 9.3 13.9
54 6.8 6.7 10.1
68 5.9 6.1 9.1#

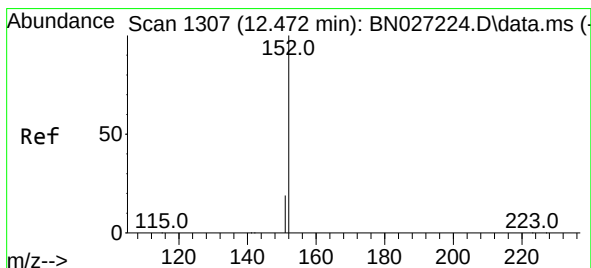
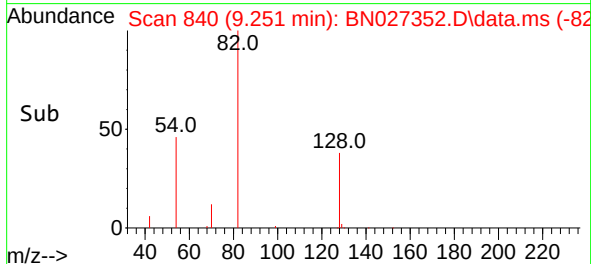
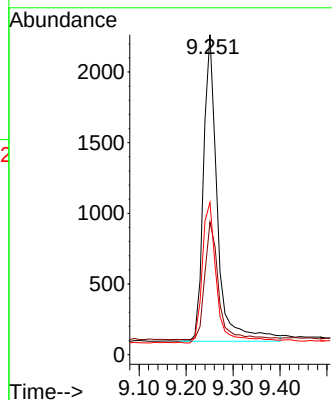
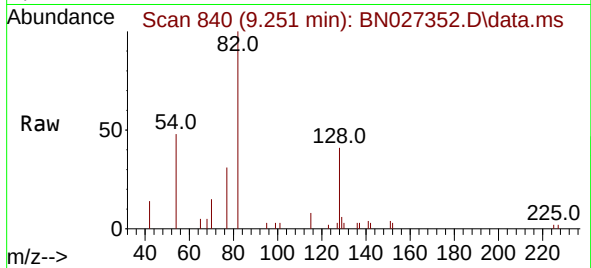




#8
Nitrobenzene-d5
Concen: 0.196 ng
RT: 9.251 min Scan# 841
Delta R.T. -0.000 min
Lab File: BN027352.D
Acq: 01 Sep 2023 19:48

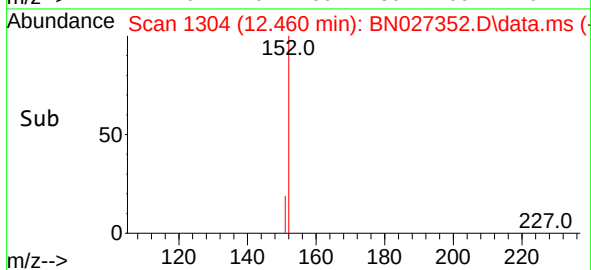
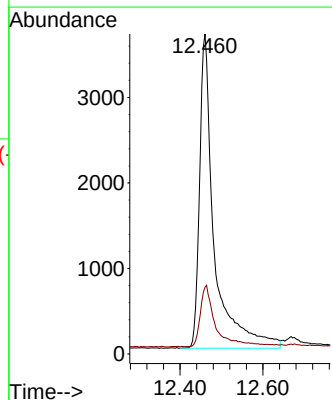
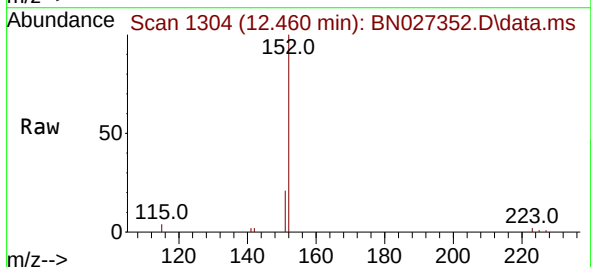
Instrument :
BNA_N
ClientSampleId :
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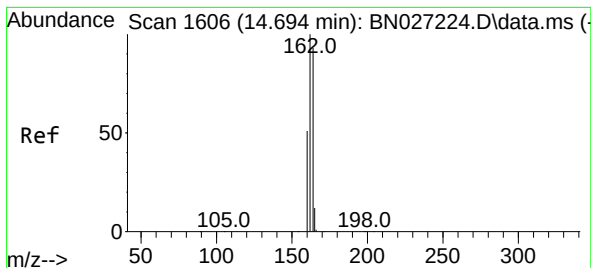
Tgt Ion: 82 Resp: 4478
Ion Ratio Lower Upper
82 100
128 41.4 33.4 50.0
54 47.6 37.7 56.5



#11
2-Methylnaphthalene-d10
Concen: 0.197 ng
RT: 12.460 min Scan# 1304
Delta R.T. 0.004 min
Lab File: BN027352.D
Acq: 01 Sep 2023 19:48

Tgt Ion: 152 Resp: 9032
Ion Ratio Lower Upper
152 100
151 20.3 16.6 25.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.694 min Scan# 1606

Delta R.T. 0.010 min

Lab File: BN027352.D

Acq: 01 Sep 2023 19:48

Instrument :

BNA_N

ClientSampleId :

PB155087BL

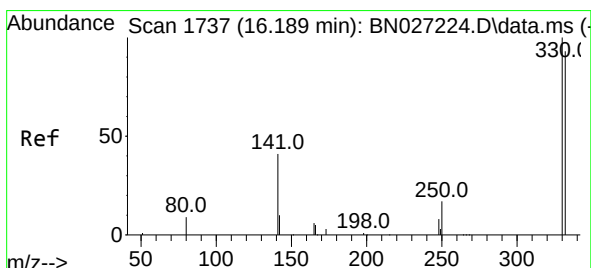
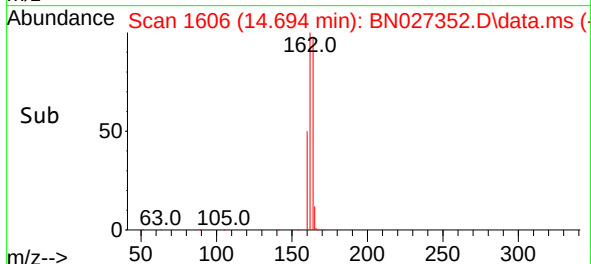
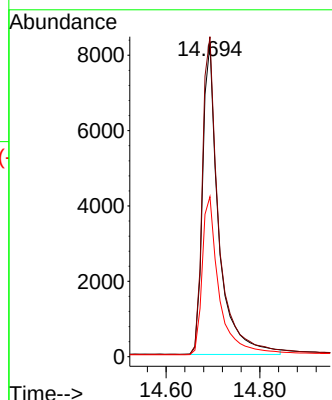
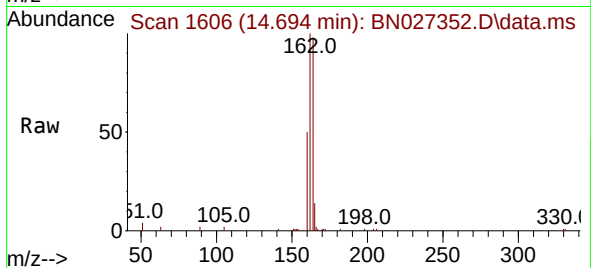
Tgt Ion:164 Resp: 19654

Ion Ratio Lower Upper

164 100

162 102.2 85.8 128.8

160 51.1 44.2 66.2



#14

2,4,6-Tribromophenol

Concen: 0.181 ng

RT: 16.189 min Scan# 1737

Delta R.T. 0.012 min

Lab File: BN027352.D

Acq: 01 Sep 2023 19:48

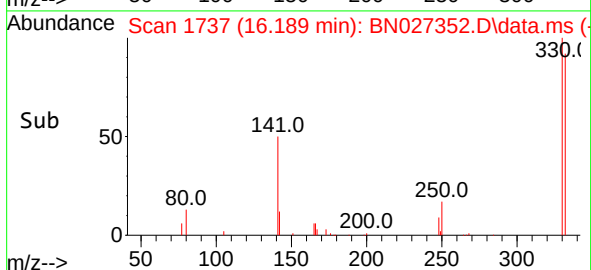
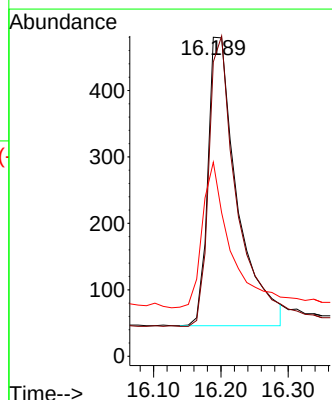
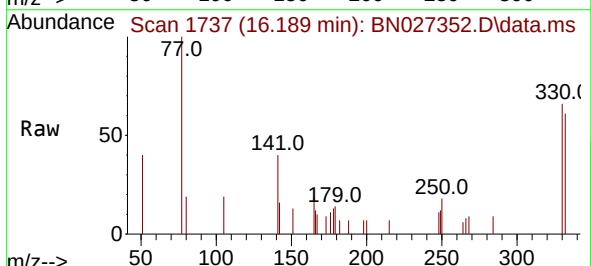
Tgt Ion:330 Resp: 1317

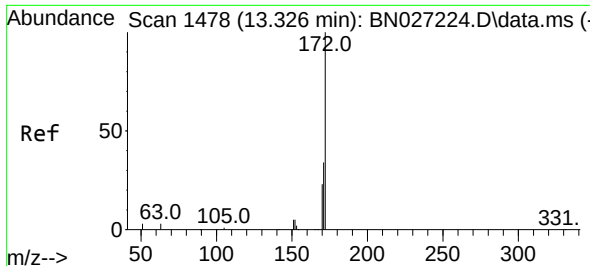
Ion Ratio Lower Upper

330 100

332 96.1 75.2 112.8

141 48.3 36.2 54.4

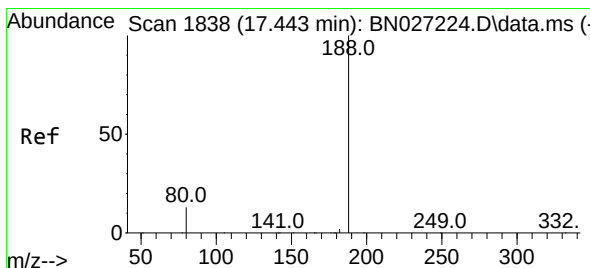
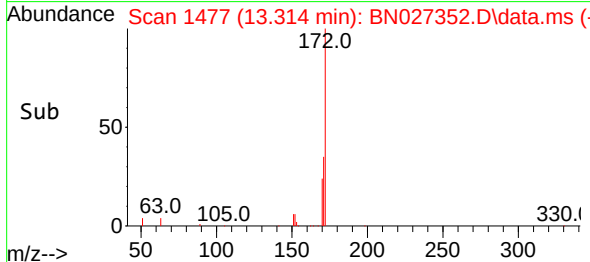
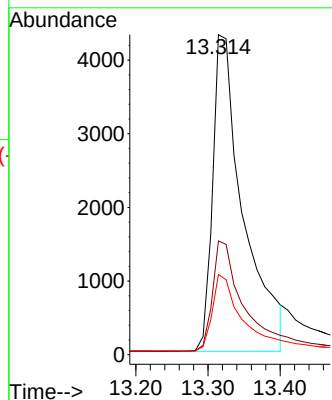
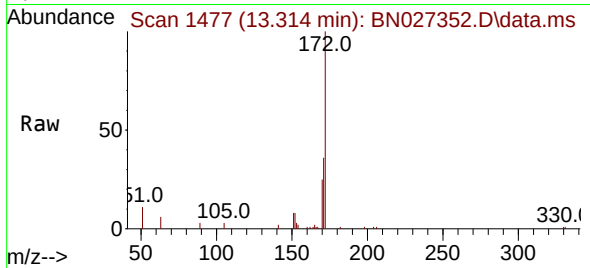




#15
2-Fluorobiphenyl
Concen: 0.169 ng
RT: 13.314 min Scan# 1478
Delta R.T. -0.000 min
Lab File: BN027352.D
Acq: 01 Sep 2023 19:48

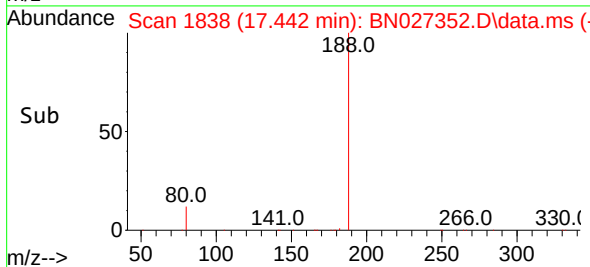
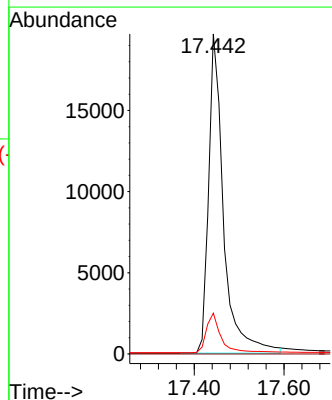
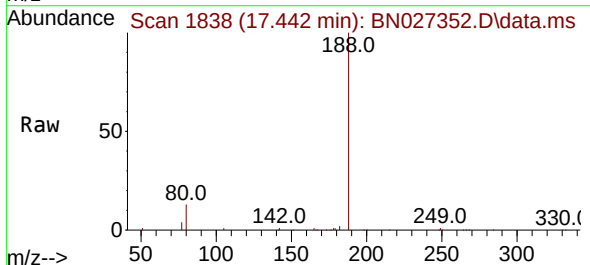
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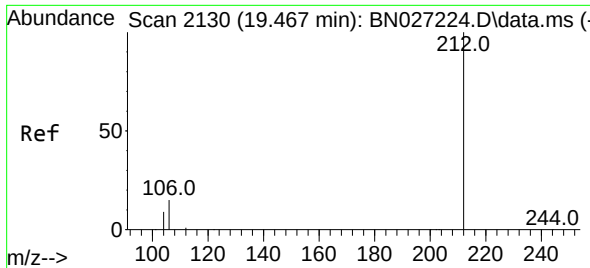
Tgt Ion:172 Resp: 12649
Ion Ratio Lower Upper
172 100
171 35.5 27.8 41.8
170 25.1 19.3 28.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.442 min Scan# 1838
Delta R.T. 0.012 min
Lab File: BN027352.D
Acq: 01 Sep 2023 19:48

Tgt Ion:188 Resp: 45311
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.8 11.0 16.6

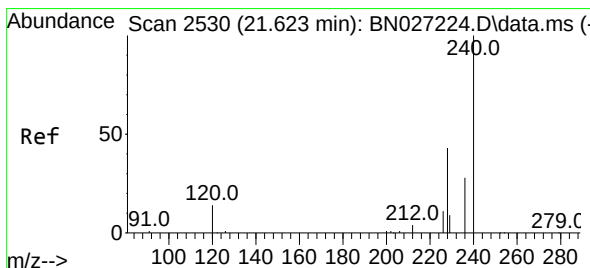
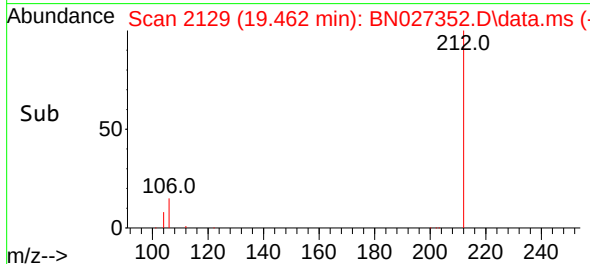
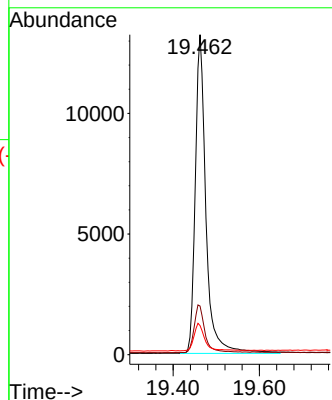
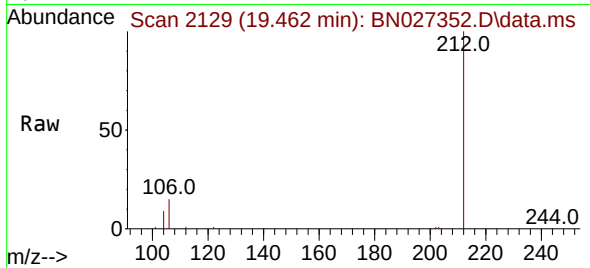




#27
Fluoranthene-d10
Concen: 0.201 ng
RT: 19.462 min Scan# 2129
Delta R.T. 0.004 min
Lab File: BN027352.D
Acq: 01 Sep 2023 19:48

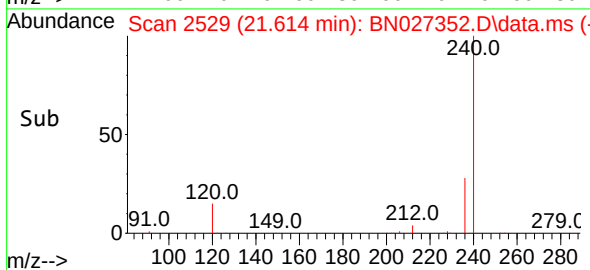
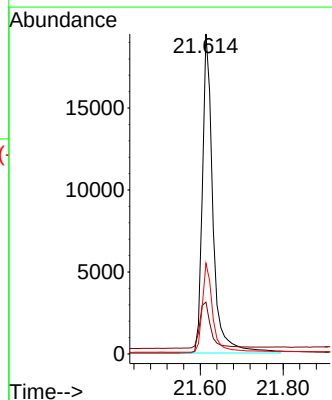
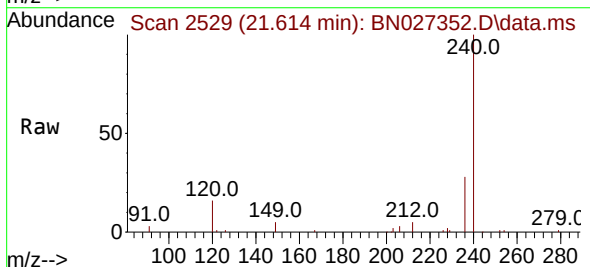
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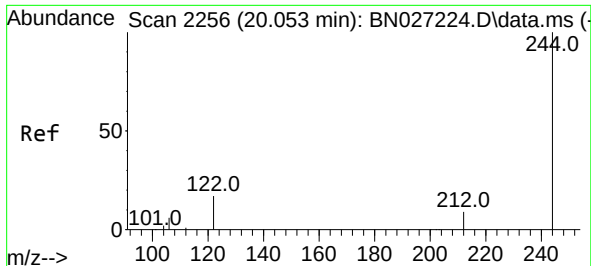
Tgt Ion:212 Resp: 22631
Ion Ratio Lower Upper
212 100
106 15.0 12.1 18.1
104 8.6 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.614 min Scan# 2529
Delta R.T. -0.000 min
Lab File: BN027352.D
Acq: 01 Sep 2023 19:48

Tgt Ion:240 Resp: 34379
Ion Ratio Lower Upper
240 100
120 16.2 14.2 21.4
236 28.3 22.9 34.3

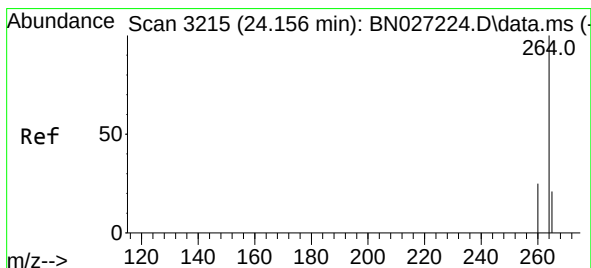
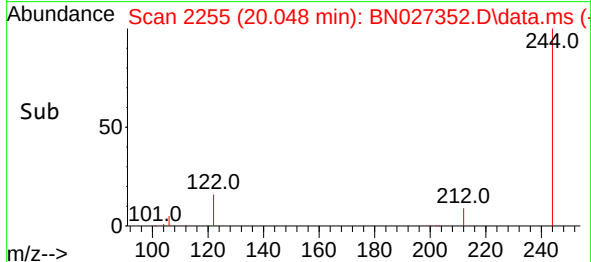
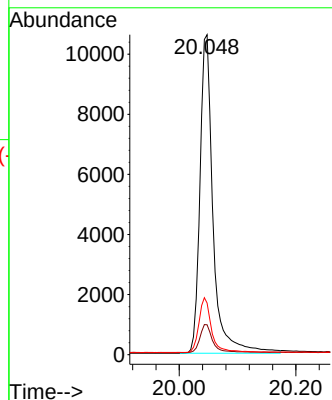
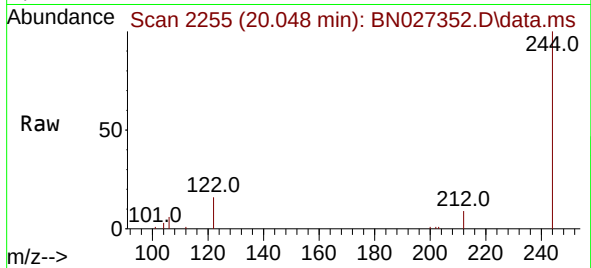




#31
 Terphenyl-d14
 Concen: 0.240 ng
 RT: 20.048 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: BN027352.D
 Acq: 01 Sep 2023 19:48

Instrument :
 BNA_N
 ClientSampleId :
 PB155087BL

Tgt Ion:244 Resp: 16608
 Ion Ratio Lower Upper
 244 100
 212 9.4 7.5 11.3
 122 16.2 14.0 21.0



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.141 min Scan# 3210
 Delta R.T. 0.006 min
 Lab File: BN027352.D
 Acq: 01 Sep 2023 19:48

Tgt Ion:264 Resp: 30493
 Ion Ratio Lower Upper
 264 100
 260 25.9 20.7 31.1
 265 44.5 53.3 79.9#

