

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082523\
 Data File : BN027177.D
 Acq On : 27 Aug 2023 06:43
 Operator : MA/JU
 Sample : PB154870BL
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB154870BL

Quant Time: Aug 28 00:42:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 26 02:13:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.073	152	6787	0.400	ng	-0.01
7) Naphthalene-d8	10.906	136	16176	0.400	ng	0.00
13) Acenaphthene-d10	14.705	164	9173	0.400	ng	0.00
19) Phenanthrene-d10	17.455	188	19980	0.400	ng	# 0.00
29) Chrysene-d12	21.632	240	13491	0.400	ng	# 0.00
35) Perylene-d12	24.168	264	11813	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.596	112	6546	0.342	ng	0.00
5) Phenol-d6	7.214	99	6352	0.269	ng	0.00
8) Nitrobenzene-d5	9.262	82	4377	0.320	ng	-0.01
11) 2-Methylnaphthalene-d10	12.476	152	9546	0.371	ng	0.00
14) 2,4,6-Tribromophenol	16.202	330	1061	0.217	ng	0.00
15) 2-Fluorobiphenyl	13.336	172	12853	0.377	ng	0.00
27) Fluoranthene-d10	19.477	212	20556	0.401	ng	0.00
31) Terphenyl-d14	20.057	244	14369	0.510	ng	0.00

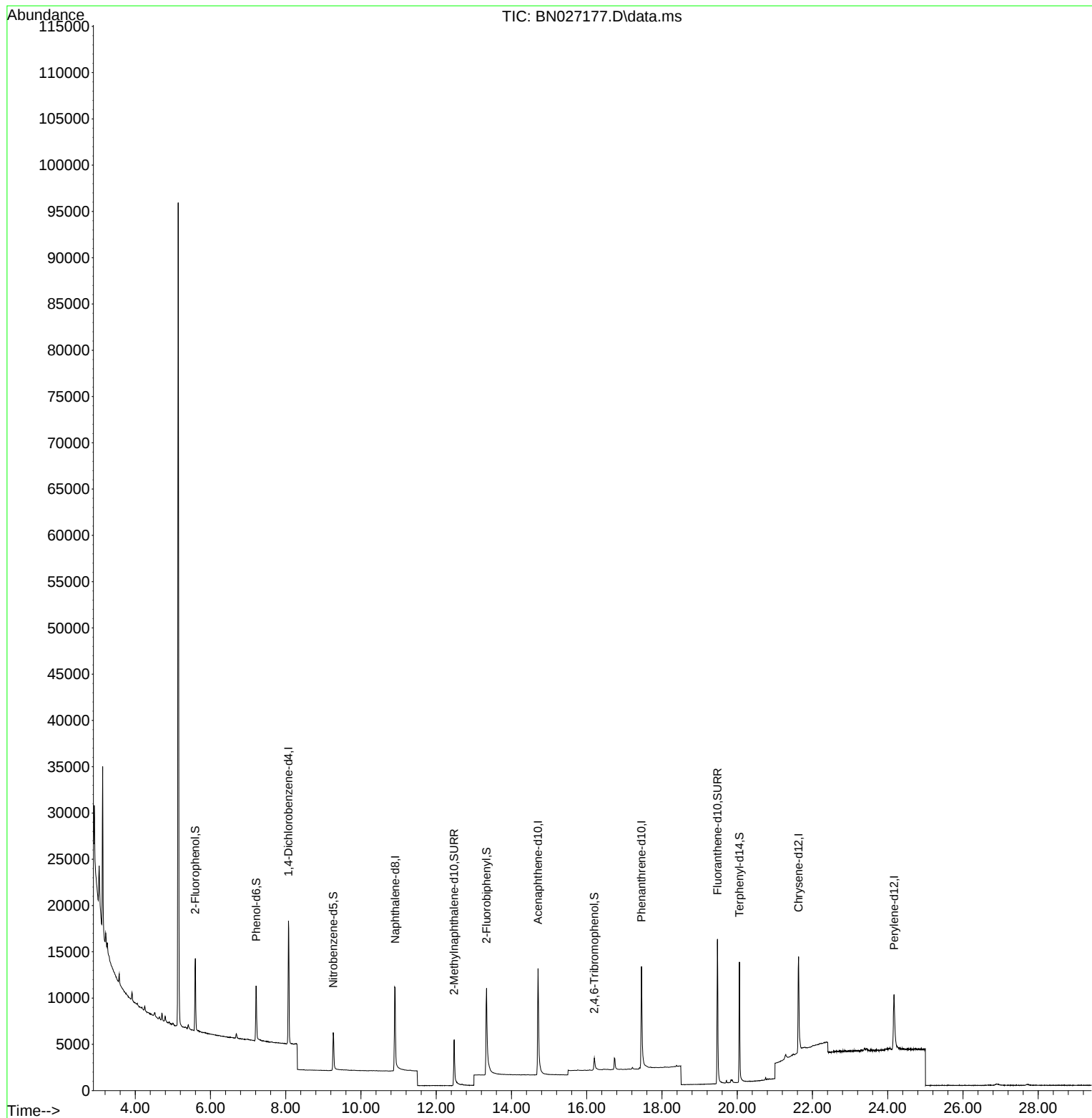
Target Compounds Qvalue

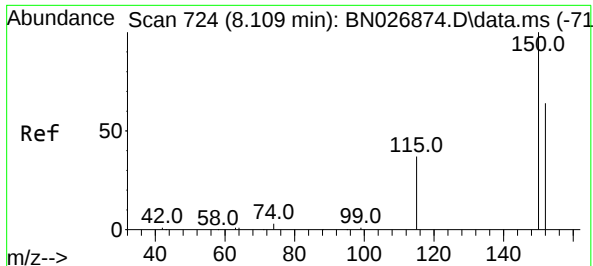
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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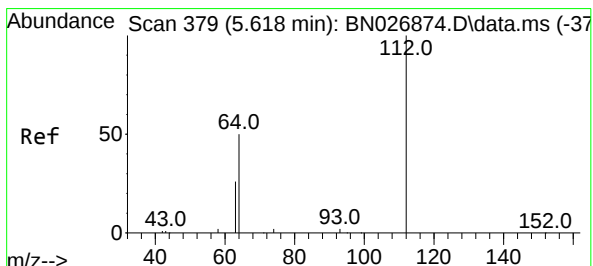
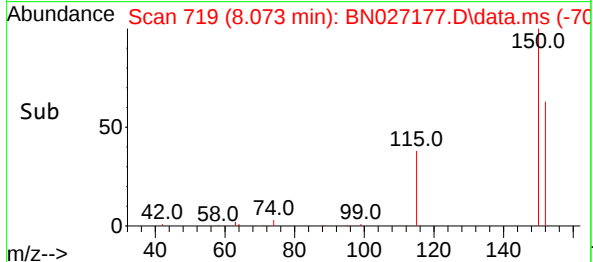
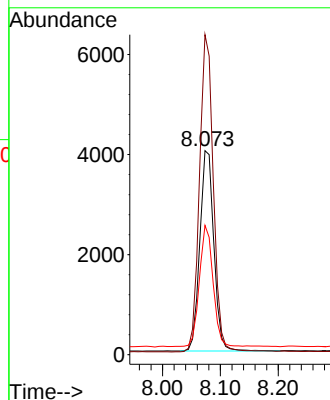
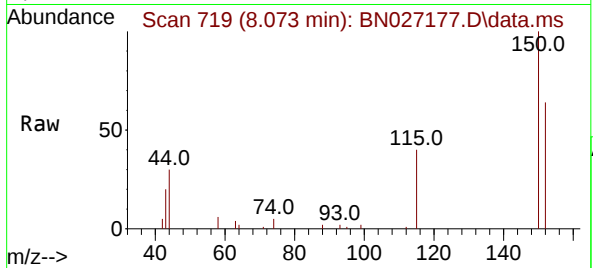




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.073 min Scan# 71
Delta R.T. -0.015 min
Lab File: BN027177.D
Acq: 27 Aug 2023 06:43

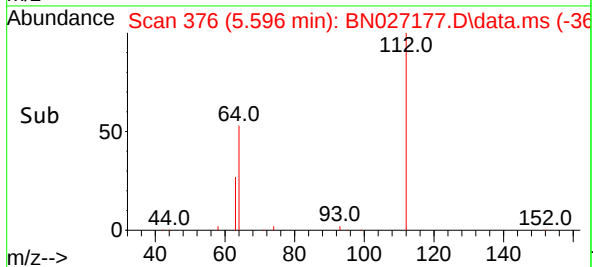
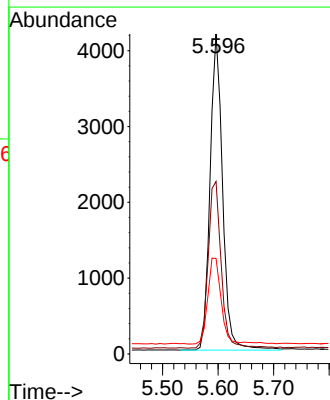
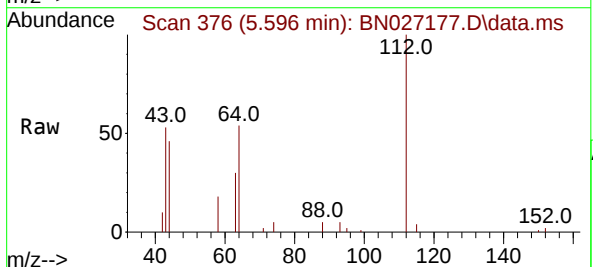
Instrument :
BNA_N
ClientSampleId :
PB154870BL

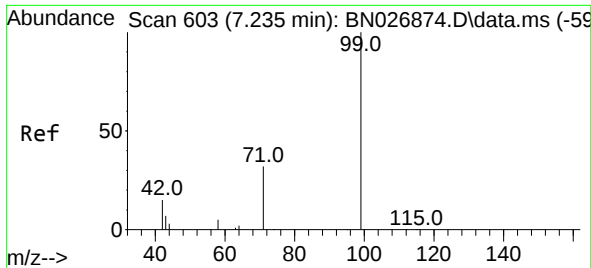
Tgt Ion:152 Resp: 6787
Ion Ratio Lower Upper
152 100
150 156.9 123.8 185.6
115 63.3 49.7 74.5



#4
2-Fluorophenol
Concen: 0.342 ng
RT: 5.596 min Scan# 376
Delta R.T. -0.007 min
Lab File: BN027177.D
Acq: 27 Aug 2023 06:43

Tgt Ion:112 Resp: 6546
Ion Ratio Lower Upper
112 100
64 55.3 41.5 62.3
63 29.6 21.7 32.5

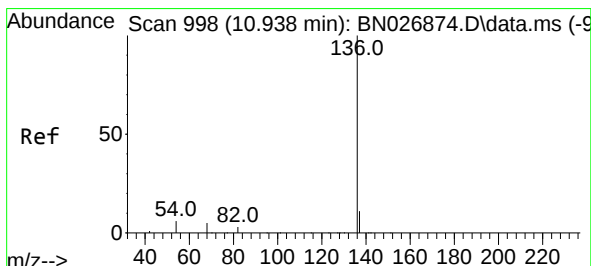
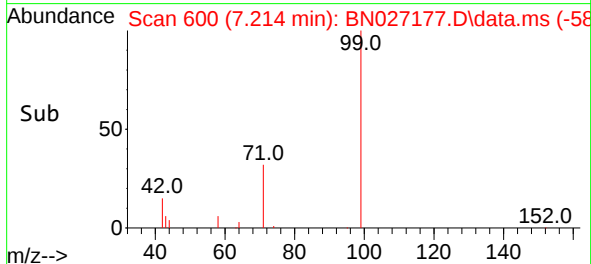
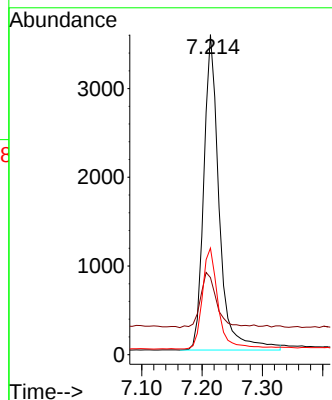
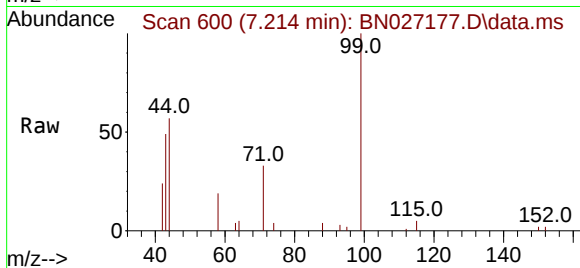




#5
Phenol-d6
Concen: 0.269 ng
RT: 7.214 min Scan# 603
Delta R.T. -0.007 min
Lab File: BN027177.D
Acq: 27 Aug 2023 06:43

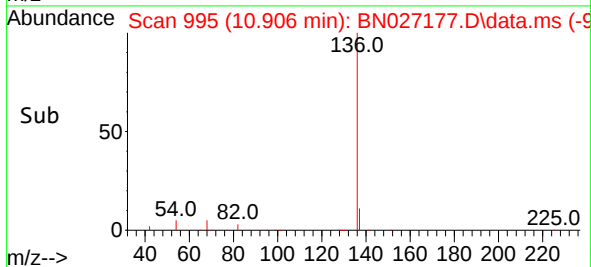
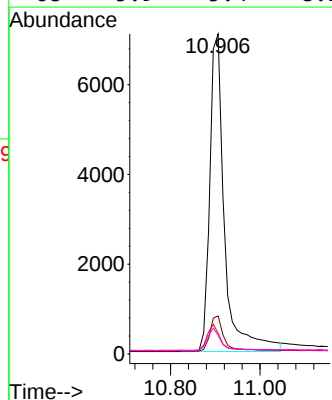
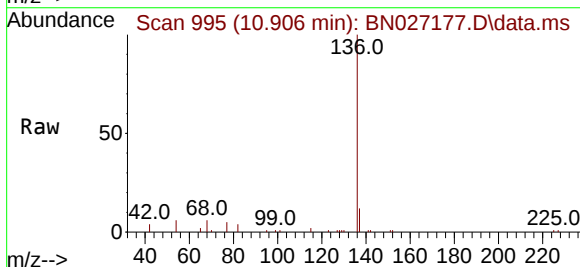
Instrument :
BNA_N
ClientSampleId :
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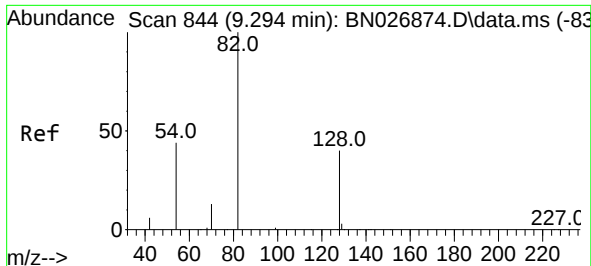
Tgt Ion: 99 Resp: 6352
Ion Ratio Lower Upper
99 100
42 18.6 13.6 20.4
71 32.5 26.0 39.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.906 min Scan# 995
Delta R.T. 0.000 min
Lab File: BN027177.D
Acq: 27 Aug 2023 06:43

Tgt Ion: 136 Resp: 16176
Ion Ratio Lower Upper
136 100
137 11.9 9.0 13.6
54 6.5 5.5 8.3
68 5.9 5.4 8.2

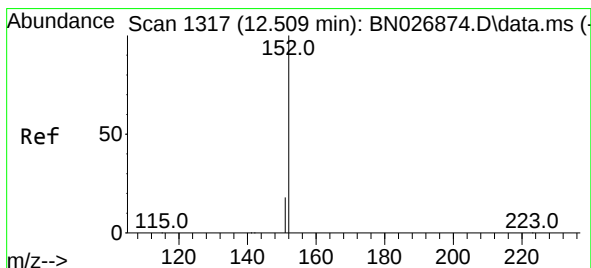
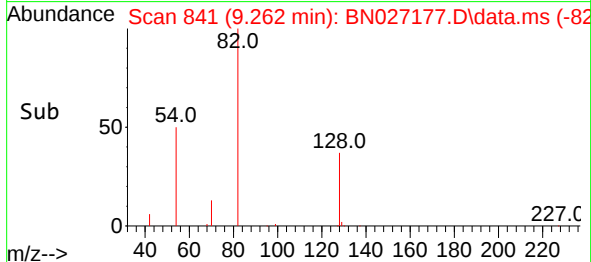
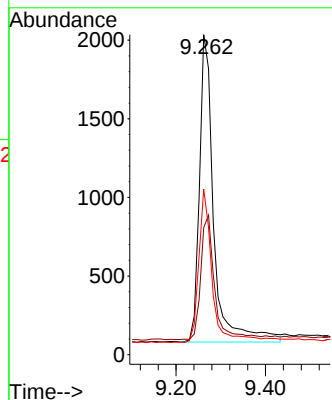
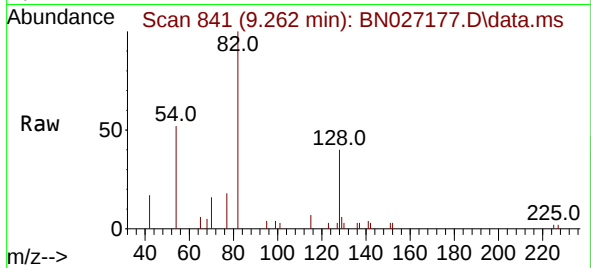




#8
Nitrobenzene-d5
Concen: 0.320 ng
RT: 9.262 min Scan# 841
Delta R.T. -0.011 min
Lab File: BN027177.D
Acq: 27 Aug 2023 06:43

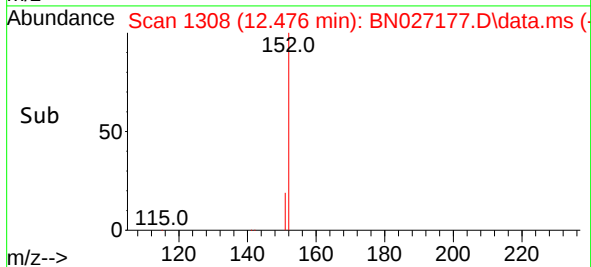
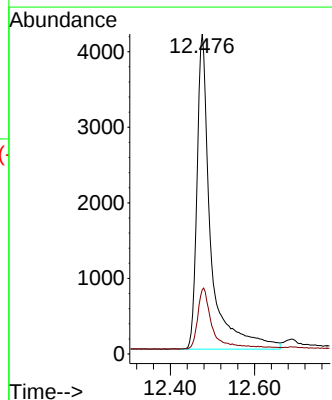
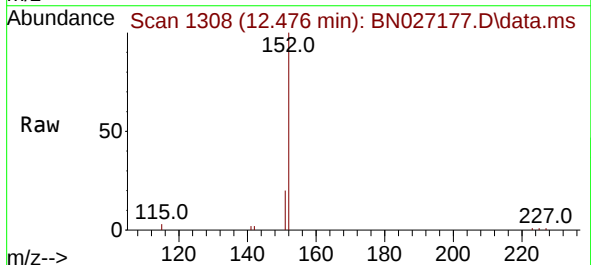
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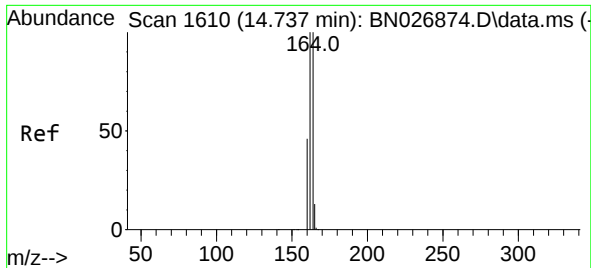
Tgt Ion: 82 Resp: 4377
Ion Ratio Lower Upper
82 100
128 39.7 34.1 51.1
54 51.7 37.0 55.4



#11
2-Methylnaphthalene-d10
Concen: 0.371 ng
RT: 12.476 min Scan# 1308
Delta R.T. -0.007 min
Lab File: BN027177.D
Acq: 27 Aug 2023 06:43

Tgt Ion:152 Resp: 9546
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5

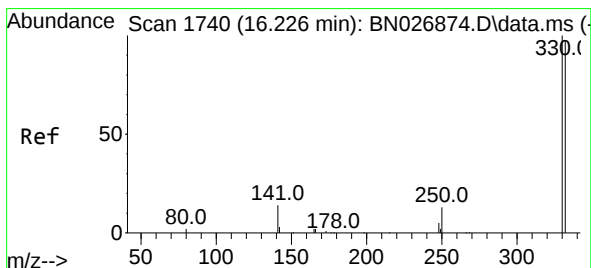
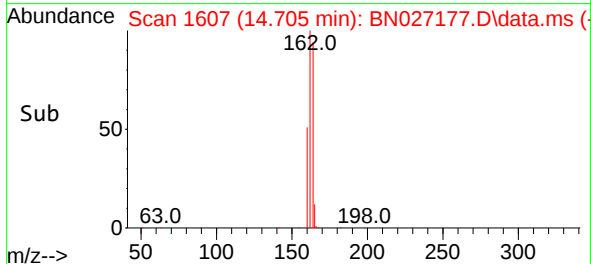
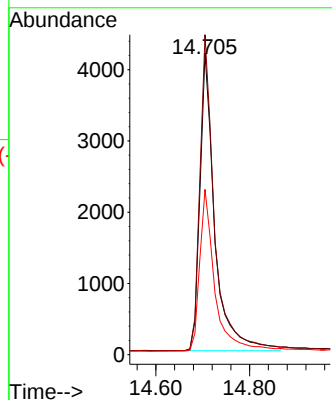
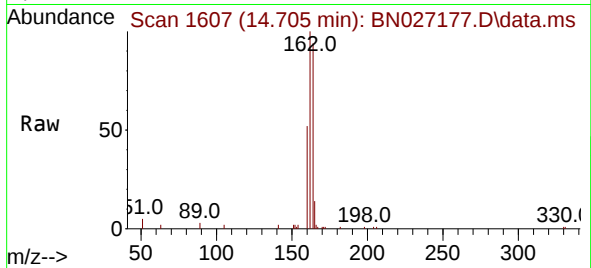




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.705 min Scan# 1607
Delta R.T. 0.000 min
Lab File: BN027177.D
Acq: 27 Aug 2023 06:43

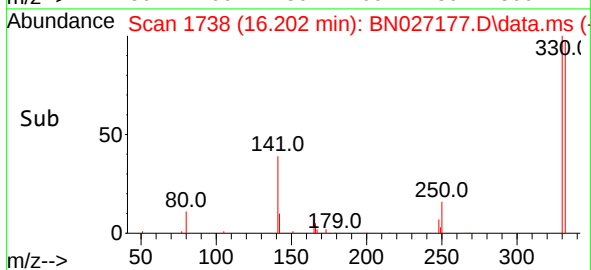
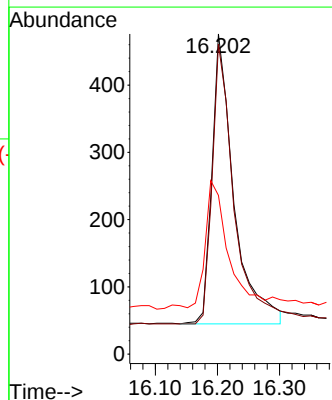
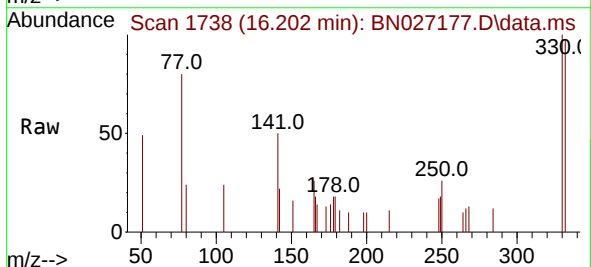
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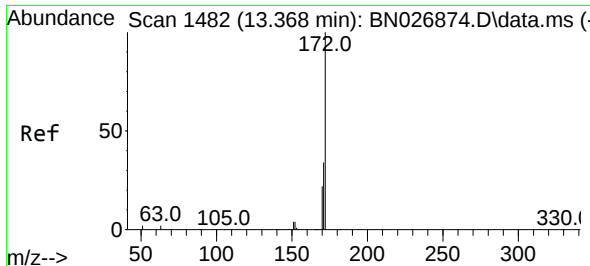
Tgt Ion:164 Resp: 9173
Ion Ratio Lower Upper
164 100
162 106.0 79.7 119.5
160 54.8 37.4 56.0



#14
2,4,6-Tribromophenol
Concen: 0.217 ng
RT: 16.202 min Scan# 1738
Delta R.T. 0.000 min
Lab File: BN027177.D
Acq: 27 Aug 2023 06:43

Tgt Ion:330 Resp: 1061
Ion Ratio Lower Upper
330 100
332 95.8 76.6 114.8
141 44.2 32.3 48.5

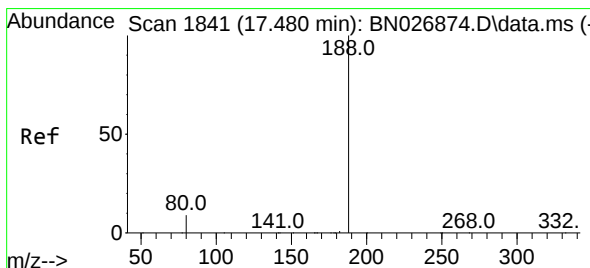
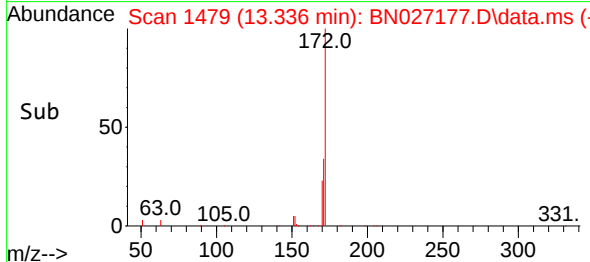
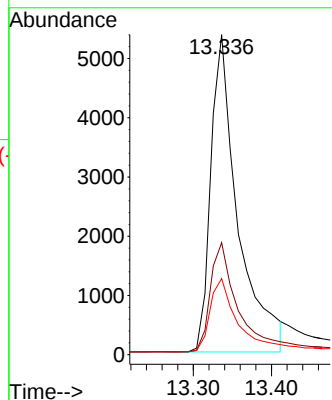
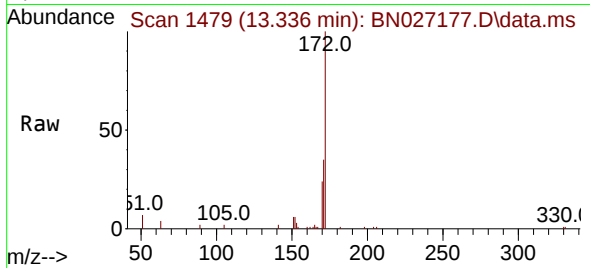




#15
2-Fluorobiphenyl
Concen: 0.377 ng
RT: 13.336 min Scan# 1482
Delta R.T. 0.000 min
Lab File: BN027177.D
Acq: 27 Aug 2023 06:43

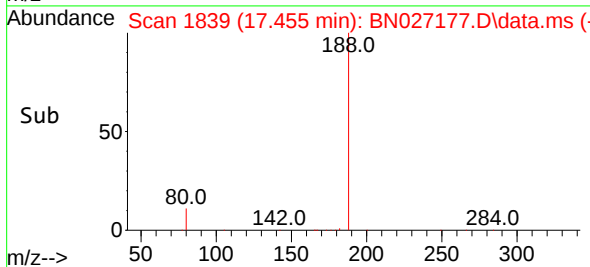
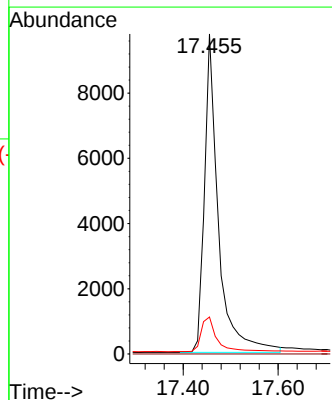
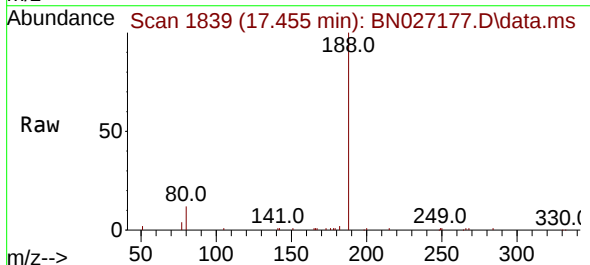
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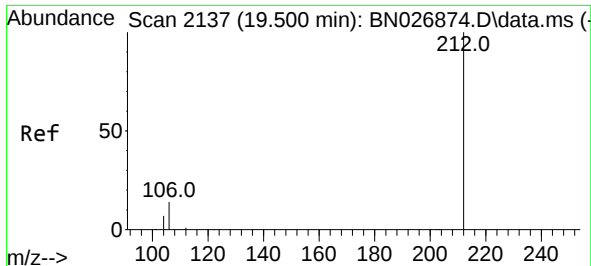
Tgt Ion:172 Resp: 12853
Ion Ratio Lower Upper
172 100
171 35.0 27.4 41.0
170 23.8 18.0 27.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.455 min Scan# 1839
Delta R.T. 0.000 min
Lab File: BN027177.D
Acq: 27 Aug 2023 06:43

Tgt Ion:188 Resp: 19980
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.6 7.4 11.2#

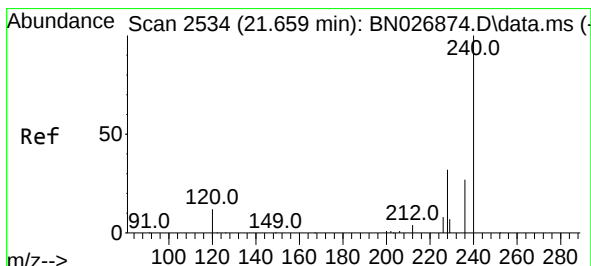
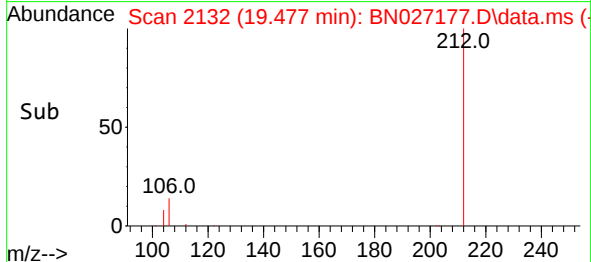
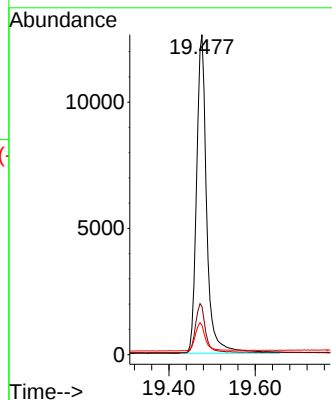
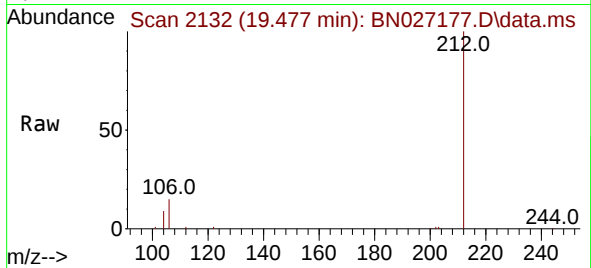




#27
Fluoranthene-d10
Concen: 0.401 ng
RT: 19.477 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BN027177.D
Acq: 27 Aug 2023 06:43

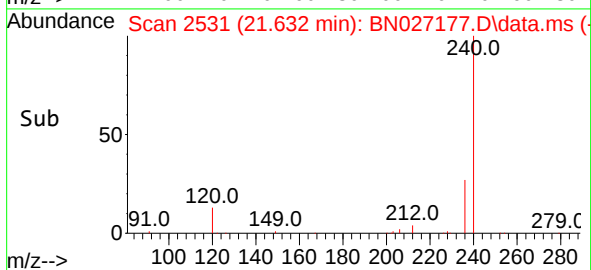
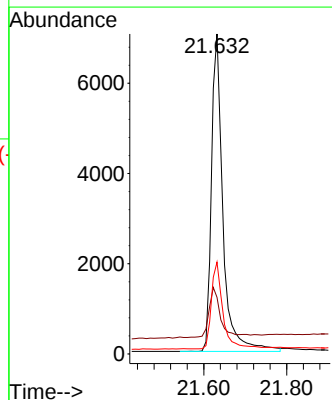
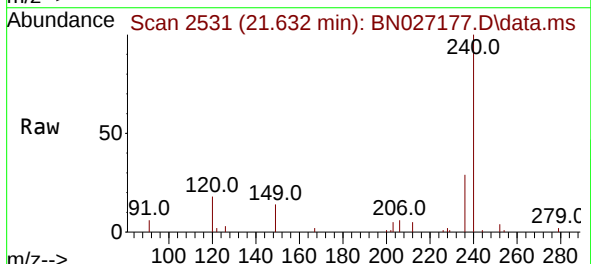
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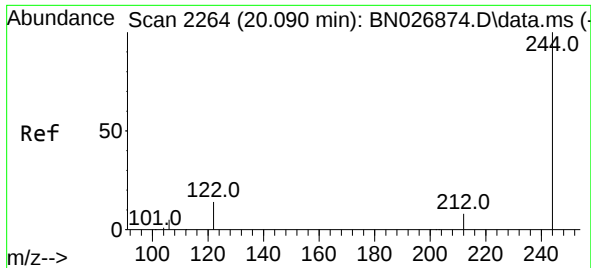
Tgt Ion:212 Resp: 20556
Ion Ratio Lower Upper
212 100
106 15.3 10.9 16.3
104 8.9 5.9 8.9#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.632 min Scan# 2531
Delta R.T. 0.000 min
Lab File: BN027177.D
Acq: 27 Aug 2023 06:43

Tgt Ion:240 Resp: 13491
Ion Ratio Lower Upper
240 100
120 17.7 11.1 16.7#
236 28.7 22.2 33.2

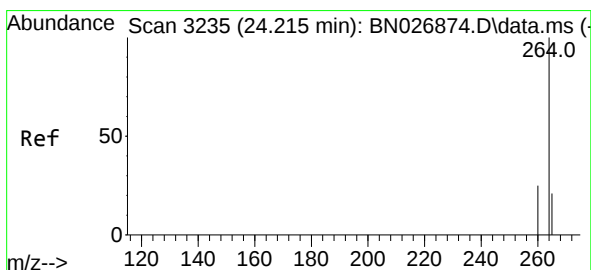
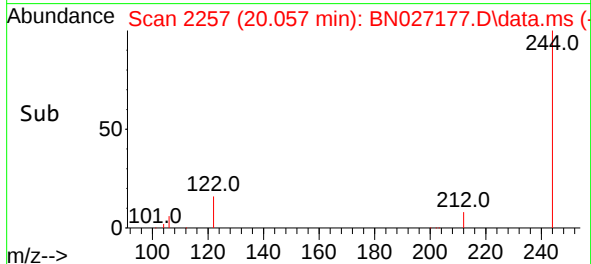
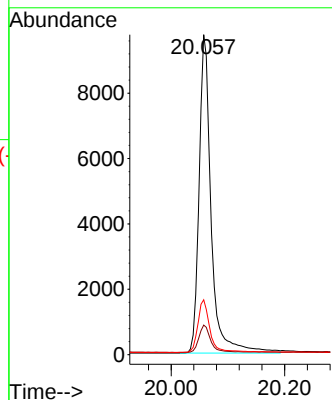
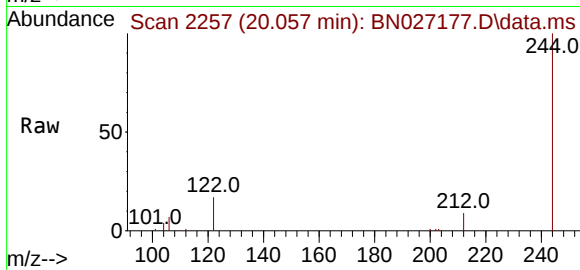




#31
 Terphenyl-d14
 Concen: 0.510 ng
 RT: 20.057 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BN027177.D
 Acq: 27 Aug 2023 06:43

Instrument :
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 ClientSampleId :
 PB154870BL

Tgt Ion:244 Resp: 14369
 Ion Ratio Lower Upper
 244 100
 212 9.3 6.9 10.3
 122 17.1 11.9 17.9



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.168 min Scan# 3219
 Delta R.T. -0.003 min
 Lab File: BN027177.D
 Acq: 27 Aug 2023 06:43

Tgt Ion:264 Resp: 11813
 Ion Ratio Lower Upper
 264 100
 260 26.4 20.4 30.6
 265 86.9 27.0 40.6#

