

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091423\
 Data File : BN027659.D
 Acq On : 14 Sep 2023 01:01
 Operator : MA/JU
 Sample : 04327-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BR-01-170-090623

Quant Time: Sep 14 05:31:28 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)

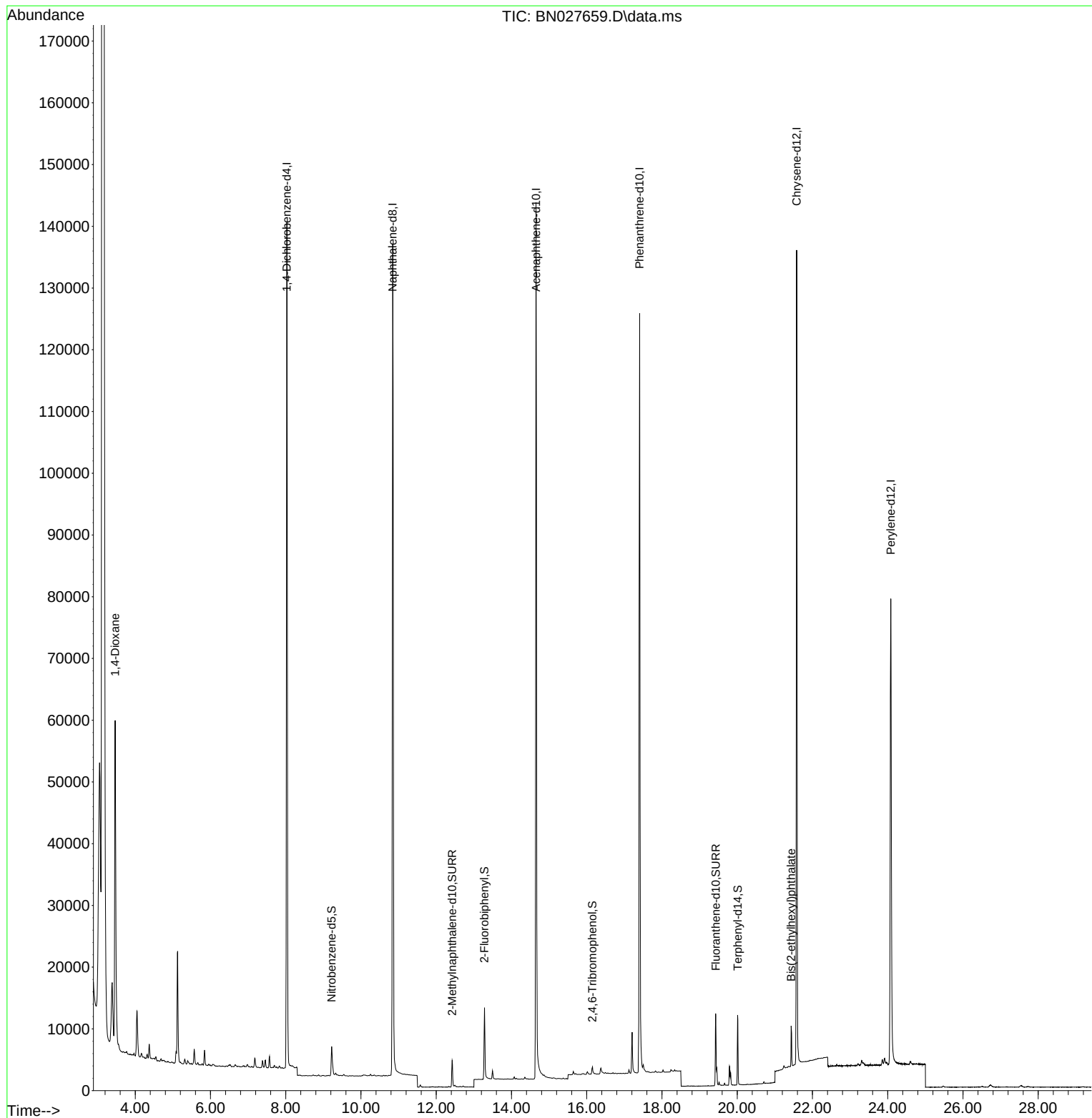
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.030	152	68359	0.400	ng	0.00
7) Naphthalene-d8	10.842	136	185595	0.400	ng	-0.01
13) Acenaphthene-d10	14.651	164	85428	0.400	ng	-0.01
19) Phenanthrene-d10	17.406	188	171762	0.400	ng	# 0.00
29) Chrysene-d12	21.578	240	120111	0.400	ng	0.00
35) Perylene-d12	24.080	264	117525	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.567	112	2225	0.012	ng	0.00
5) Phenol-d6	7.185	99	1496	0.007	ng	0.00
8) Nitrobenzene-d5	9.219	82	4517	0.033	ng	-0.01
11) 2-Methylnaphthalene-d10	12.423	152	6516	0.024	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	773	0.024	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	11229	0.035	ng	-0.01
27) Fluoranthene-d10	19.430	212	13018	0.030	ng	0.00
31) Terphenyl-d14	20.011	244	10972	0.045	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.465	88	51649	0.619	ng	96
34) Bis(2-ethylhexyl)phtha...	21.435	149	6282	0.032	ng	99

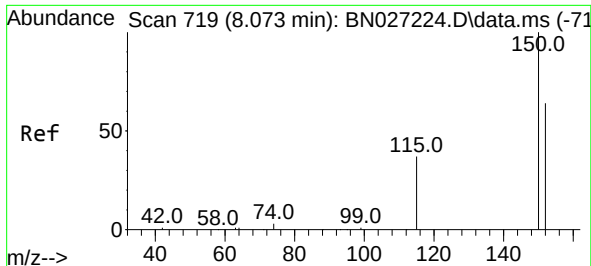
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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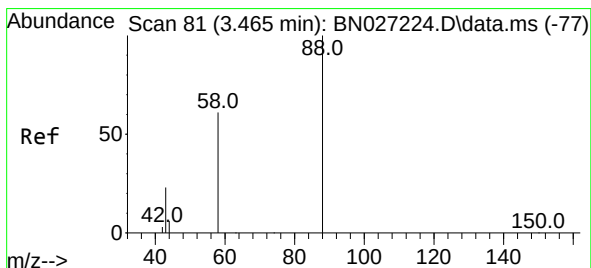
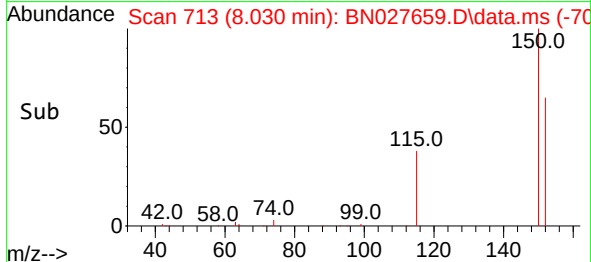
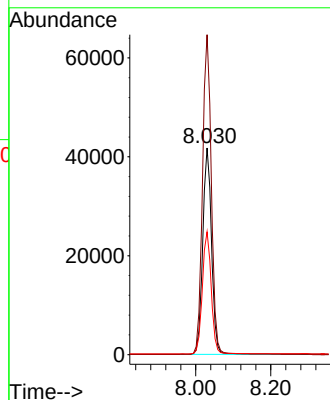
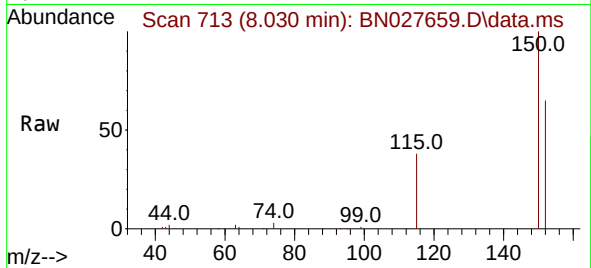




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.030 min Scan# 719
 Delta R.T. -0.007 min
 Lab File: BN027659.D
 Acq: 14 Sep 2023 01:01

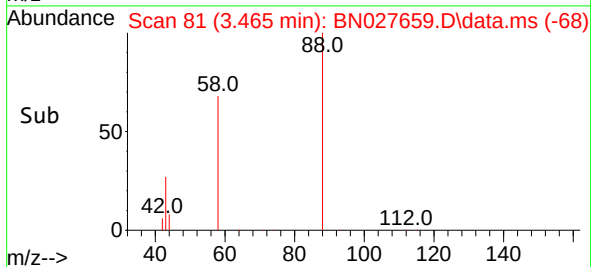
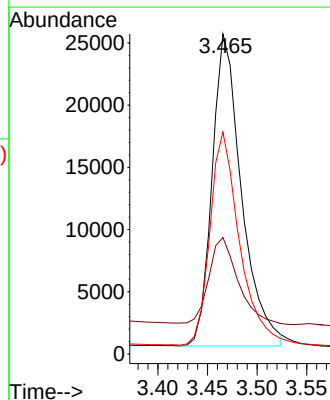
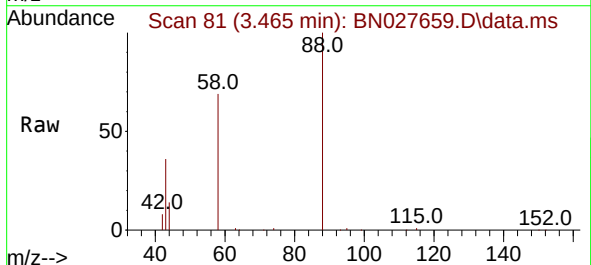
Instrument :
 BNA_N
 ClientSampleId :
 BR-01-170-090623

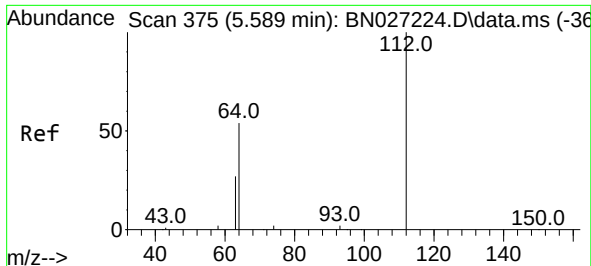
Tgt Ion:152 Resp: 68359
 Ion Ratio Lower Upper
 152 100
 150 154.8 122.7 184.1
 115 59.5 48.6 73.0



#2
 1,4-Dioxane
 Concen: 0.619 ng
 RT: 3.465 min Scan# 81
 Delta R.T. -0.007 min
 Lab File: BN027659.D
 Acq: 14 Sep 2023 01:01

Tgt Ion: 88 Resp: 51649
 Ion Ratio Lower Upper
 88 100
 43 27.0 19.1 28.7
 58 67.9 52.2 78.2





#4

2-Fluorophenol

Concen: 0.012 ng

RT: 5.567 min Scan# 31

Delta R.T. -0.007 min

Lab File: BN027659.D

Acq: 14 Sep 2023 01:01

Instrument :

BNA_N

ClientSampleId :

BR-01-170-090623

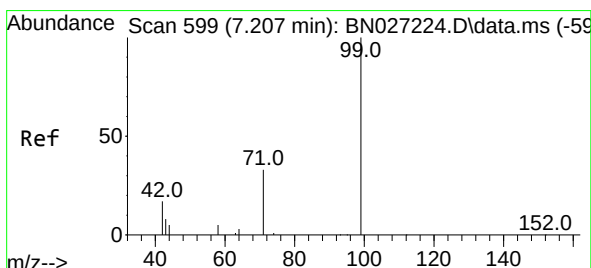
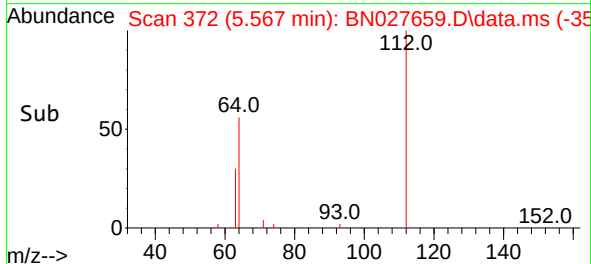
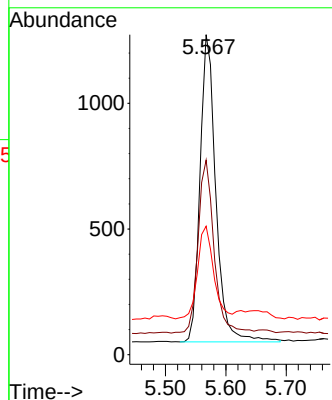
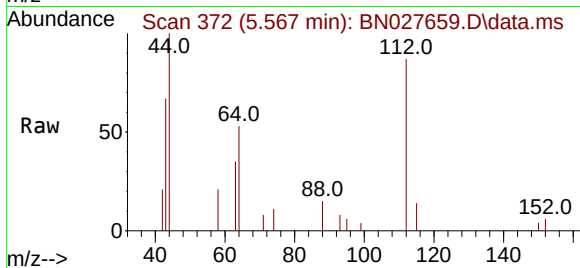
Tgt Ion:112 Resp: 2225

Ion Ratio Lower Upper

112 100

64 56.7 44.4 66.6

63 30.6 23.1 34.7



#5

Phenol-d6

Concen: 0.007 ng

RT: 7.185 min Scan# 596

Delta R.T. 0.000 min

Lab File: BN027659.D

Acq: 14 Sep 2023 01:01

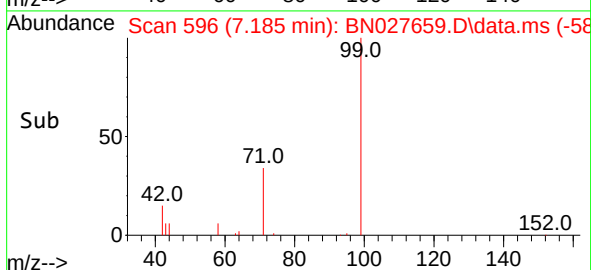
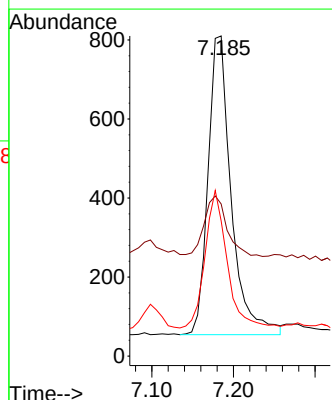
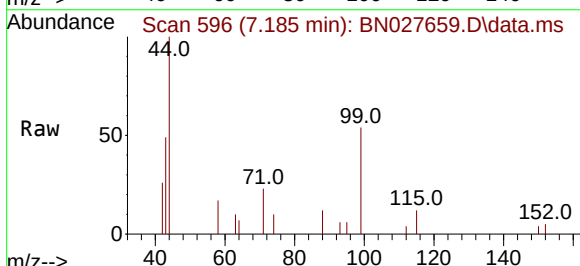
Tgt Ion: 99 Resp: 1496

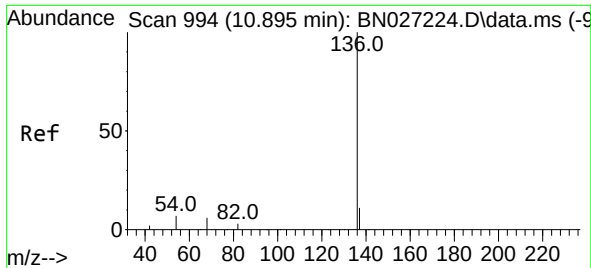
Ion Ratio Lower Upper

99 100

42 20.2 14.5 21.7

71 43.7 25.8 38.6#

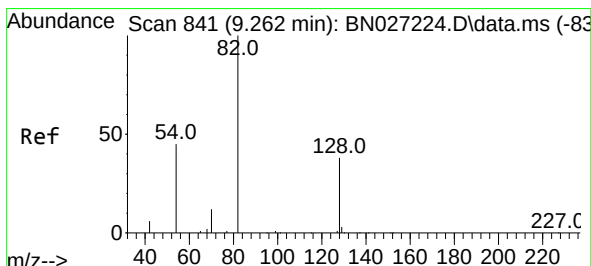
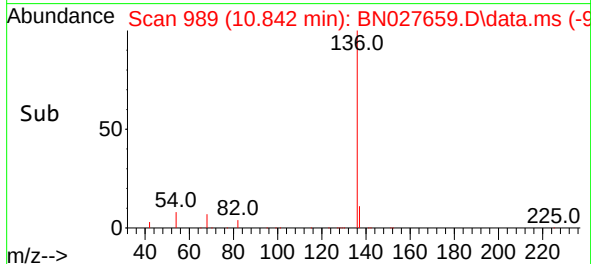
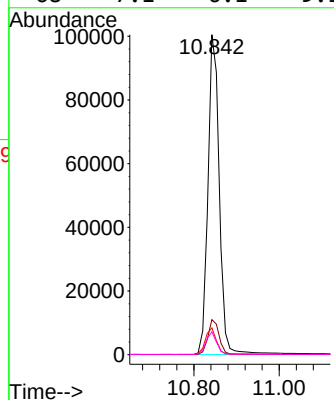
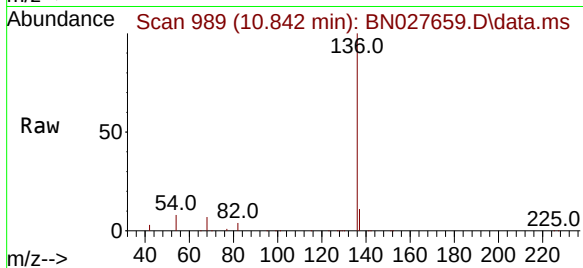




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.842 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN027659.D
Acq: 14 Sep 2023 01:01

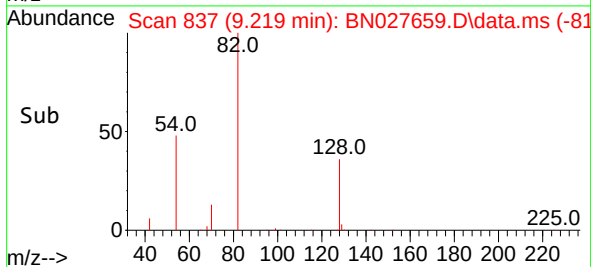
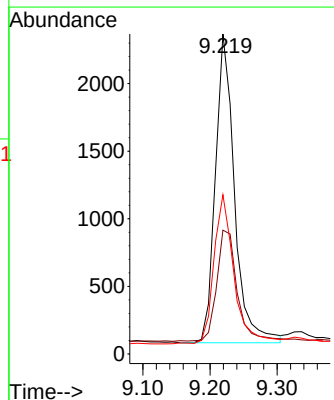
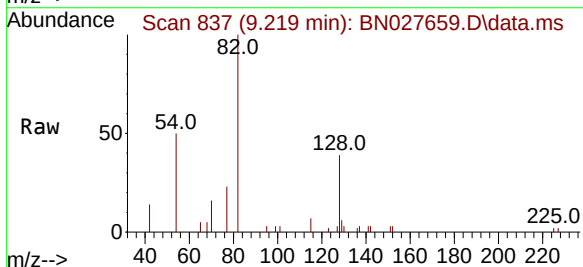
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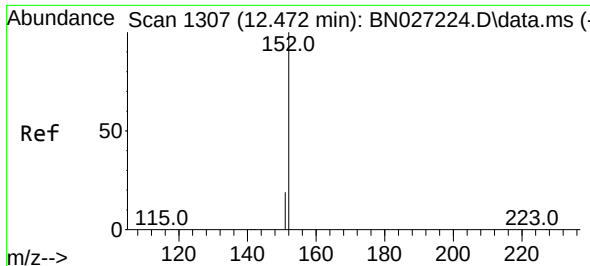
Tgt Ion:	136	Resp:	185595
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.3	13.9
54	8.4	6.7	10.1
68	7.1	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.033 ng
RT: 9.219 min Scan# 837
Delta R.T. -0.011 min
Lab File: BN027659.D
Acq: 14 Sep 2023 01:01

Tgt Ion:	82	Resp:	4517
Ion Ratio	Lower	Upper	
82	100		
128	38.7	33.4	50.0
54	49.8	37.7	56.5

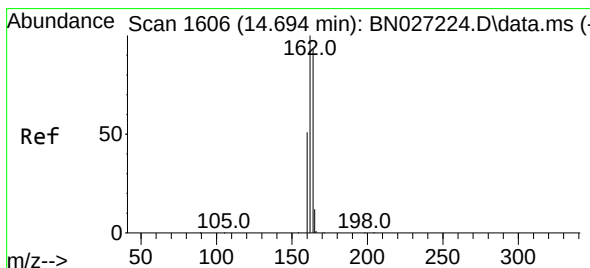
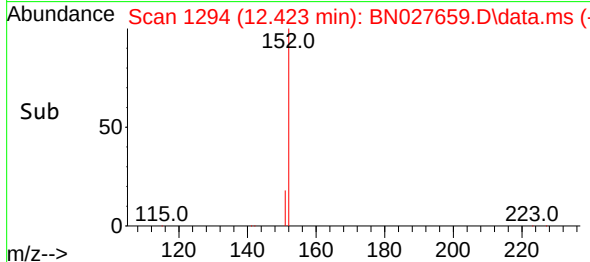
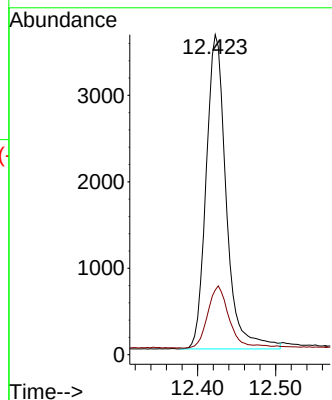
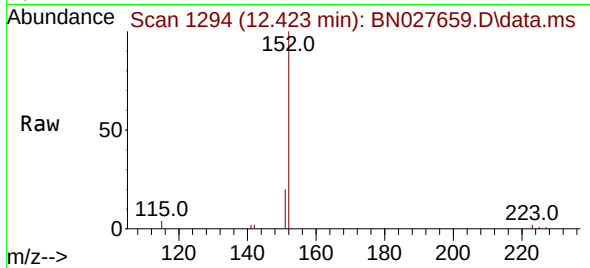




#11
2-Methylnaphthalene-d10
Concen: 0.024 ng
RT: 12.423 min Scan# 11
Delta R.T. -0.008 min
Lab File: BN027659.D
Acq: 14 Sep 2023 01:01

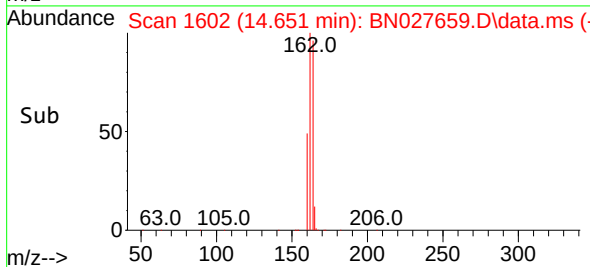
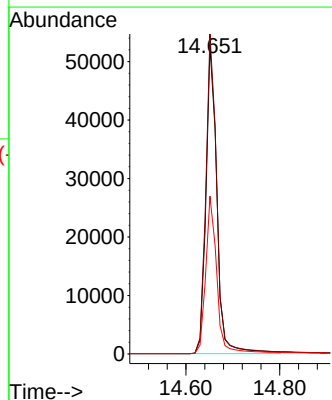
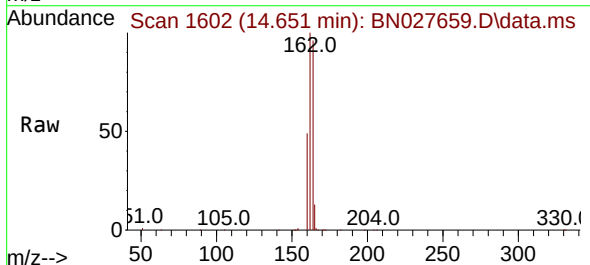
Instrument :
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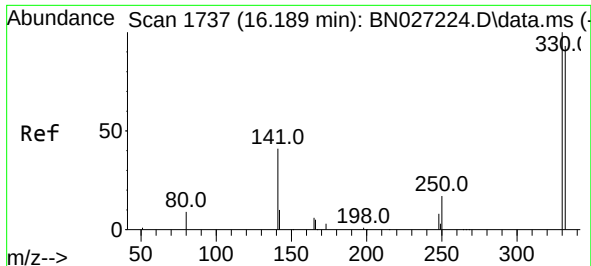
Tgt Ion:152 Resp: 6516
Ion Ratio Lower Upper
152 100
151 21.2 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.651 min Scan# 1602
Delta R.T. -0.011 min
Lab File: BN027659.D
Acq: 14 Sep 2023 01:01

Tgt Ion:164 Resp: 85428
Ion Ratio Lower Upper
164 100
162 103.9 85.8 128.8
160 51.2 44.2 66.2

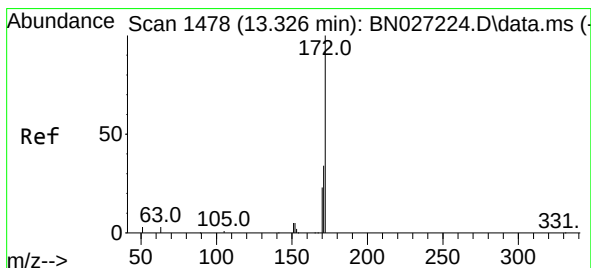
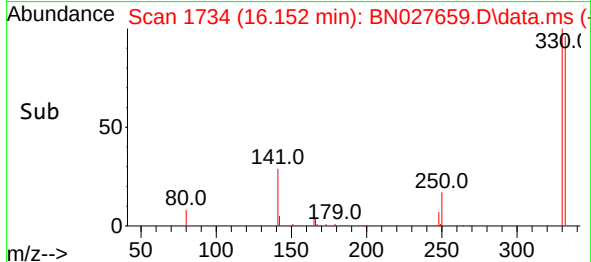
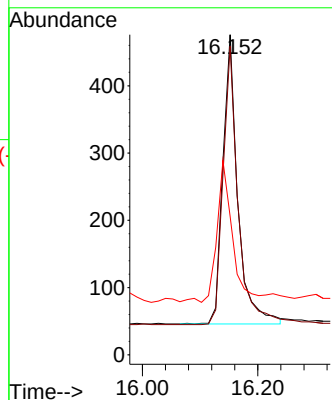
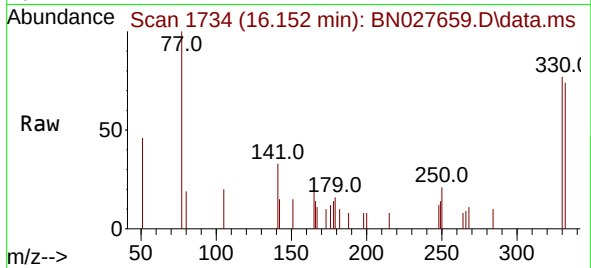




#14
2,4,6-Tribromophenol
Concen: 0.024 ng
RT: 16.152 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN027659.D
Acq: 14 Sep 2023 01:01

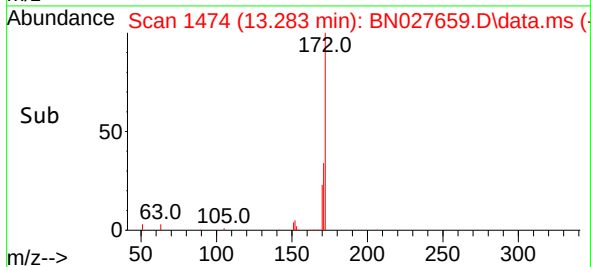
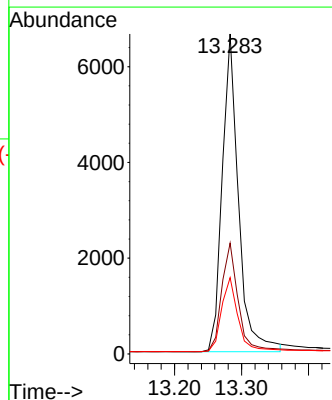
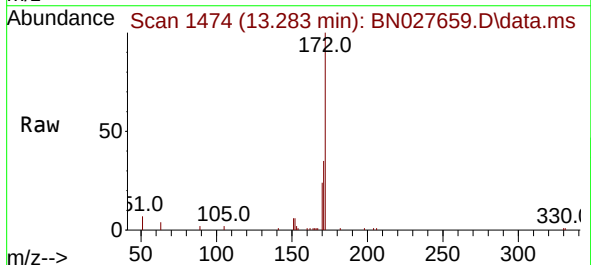
Instrument :
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ClientSampleId :
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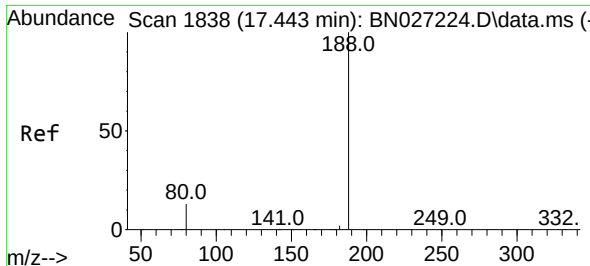
Tgt Ion:330 Resp: 773
Ion Ratio Lower Upper
330 100
332 96.6 75.2 112.8
141 49.7 36.2 54.4



#15
2-Fluorobiphenyl
Concen: 0.035 ng
RT: 13.283 min Scan# 1474
Delta R.T. -0.011 min
Lab File: BN027659.D
Acq: 14 Sep 2023 01:01

Tgt Ion:172 Resp: 11229
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.8
170 23.9 19.3 28.9

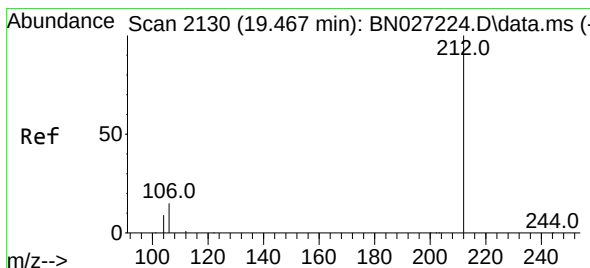
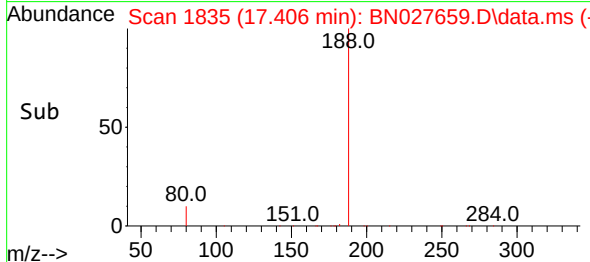
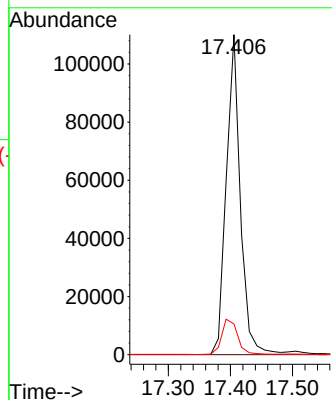
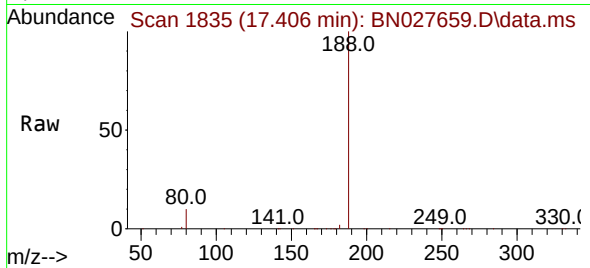




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.406 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN027659.D
Acq: 14 Sep 2023 01:01

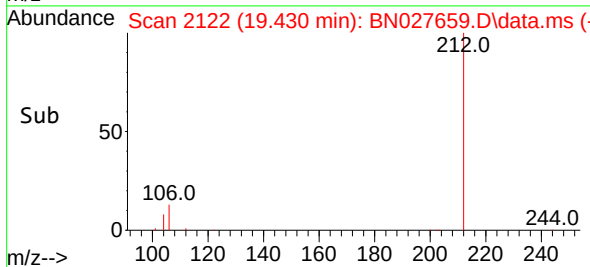
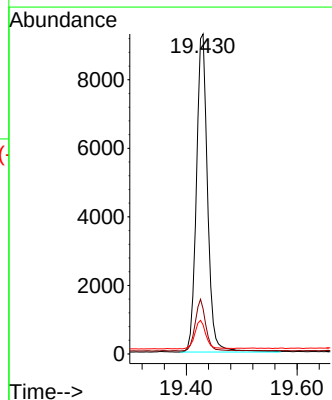
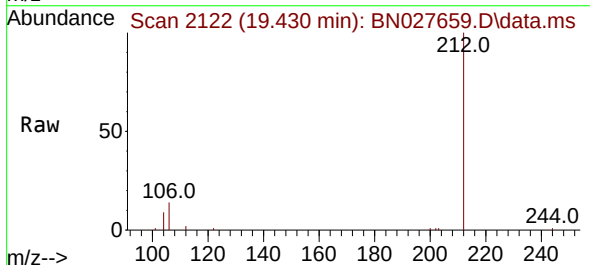
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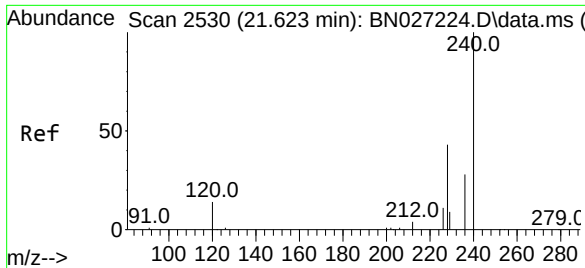
Tgt Ion:188 Resp: 171762
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.6 11.0 16.6#



#27
Fluoranthene-d10
Concen: 0.030 ng
RT: 19.430 min Scan# 2122
Delta R.T. -0.005 min
Lab File: BN027659.D
Acq: 14 Sep 2023 01:01

Tgt Ion:212 Resp: 13018
Ion Ratio Lower Upper
212 100
106 15.4 12.1 18.1
104 9.0 6.9 10.3

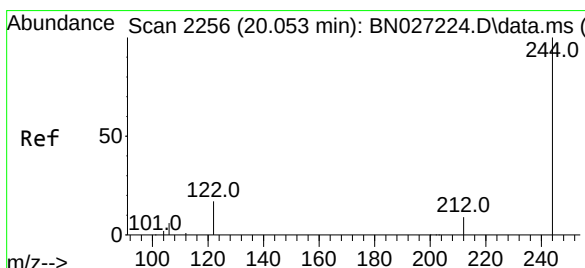
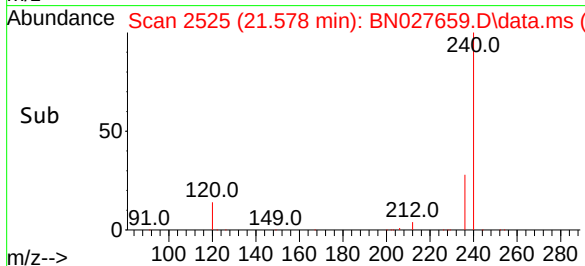
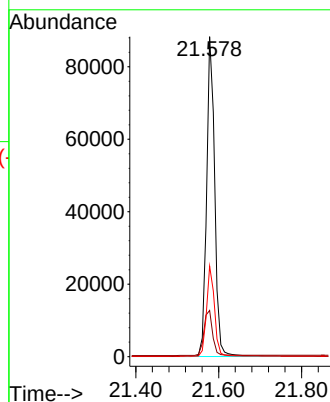
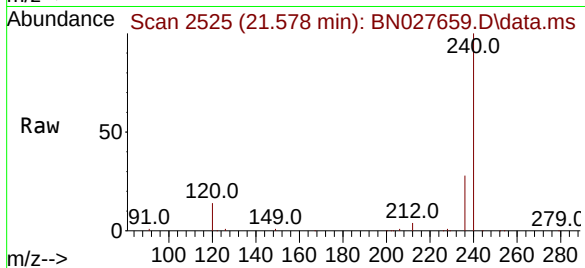




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.578 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN027659.D
Acq: 14 Sep 2023 01:01

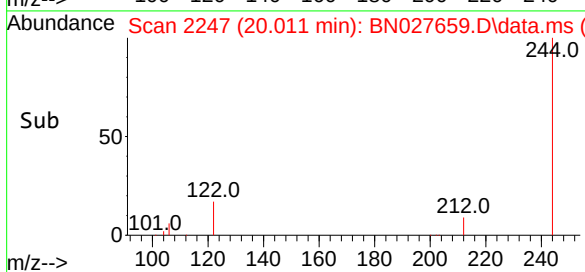
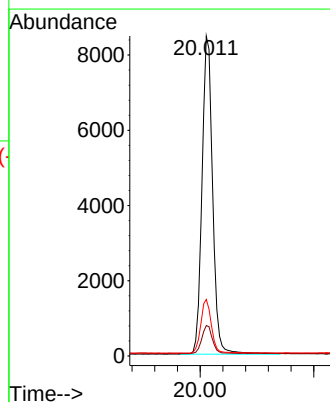
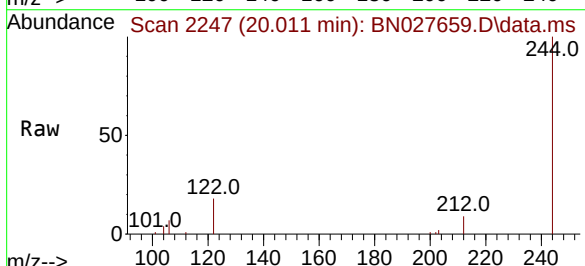
Instrument :
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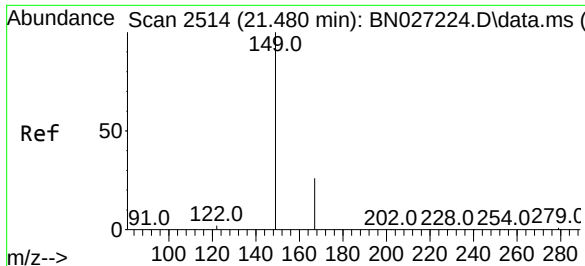
Tgt Ion:240 Resp: 120111
Ion Ratio Lower Upper
240 100
120 14.5 14.2 21.4
236 28.3 22.9 34.3



#31
Terphenyl-d14
Concen: 0.045 ng
RT: 20.011 min Scan# 2247
Delta R.T. -0.009 min
Lab File: BN027659.D
Acq: 14 Sep 2023 01:01

Tgt Ion:244 Resp: 10972
Ion Ratio Lower Upper
244 100
212 9.5 7.5 11.3
122 17.7 14.0 21.0

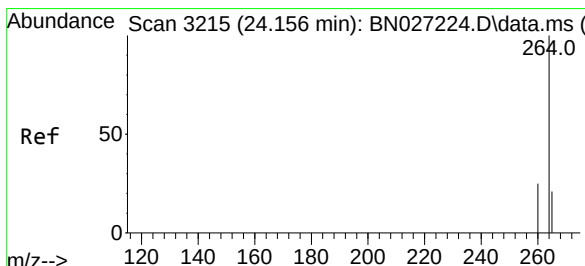
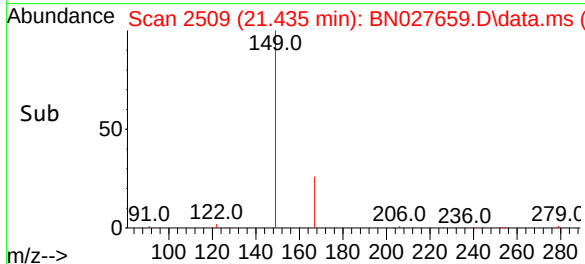
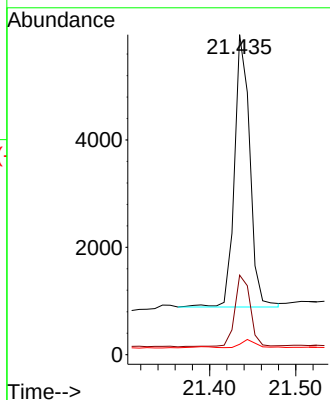
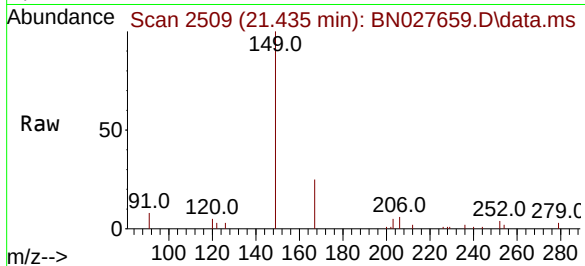




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.032 ng
 RT: 21.435 min Scan# 2149
 Delta R.T. -0.009 min
 Lab File: BN027659.D
 Acq: 14 Sep 2023 01:01

Instrument :
 BNA_N
 ClientSampleId :
 BR-01-170-090623

Tgt Ion:149 Resp: 6282
 Ion Ratio Lower Upper
 149 100
 167 27.1 22.1 33.1
 279 3.0 2.7 4.1



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.080 min Scan# 3189
 Delta R.T. -0.015 min
 Lab File: BN027659.D
 Acq: 14 Sep 2023 01:01

Tgt Ion:264 Resp: 117525
 Ion Ratio Lower Upper
 264 100
 260 25.3 20.7 31.1
 265 25.3 53.3 79.9#

