

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083023\
 Data File : BN027344.D
 Acq On : 01 Sep 2023 13:40
 Operator : MA/JU
 Sample : 04229-07
 Misc :
 ALS Vial : 125 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-02-9-082923

Quant Time: Sep 02 01:53:15 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

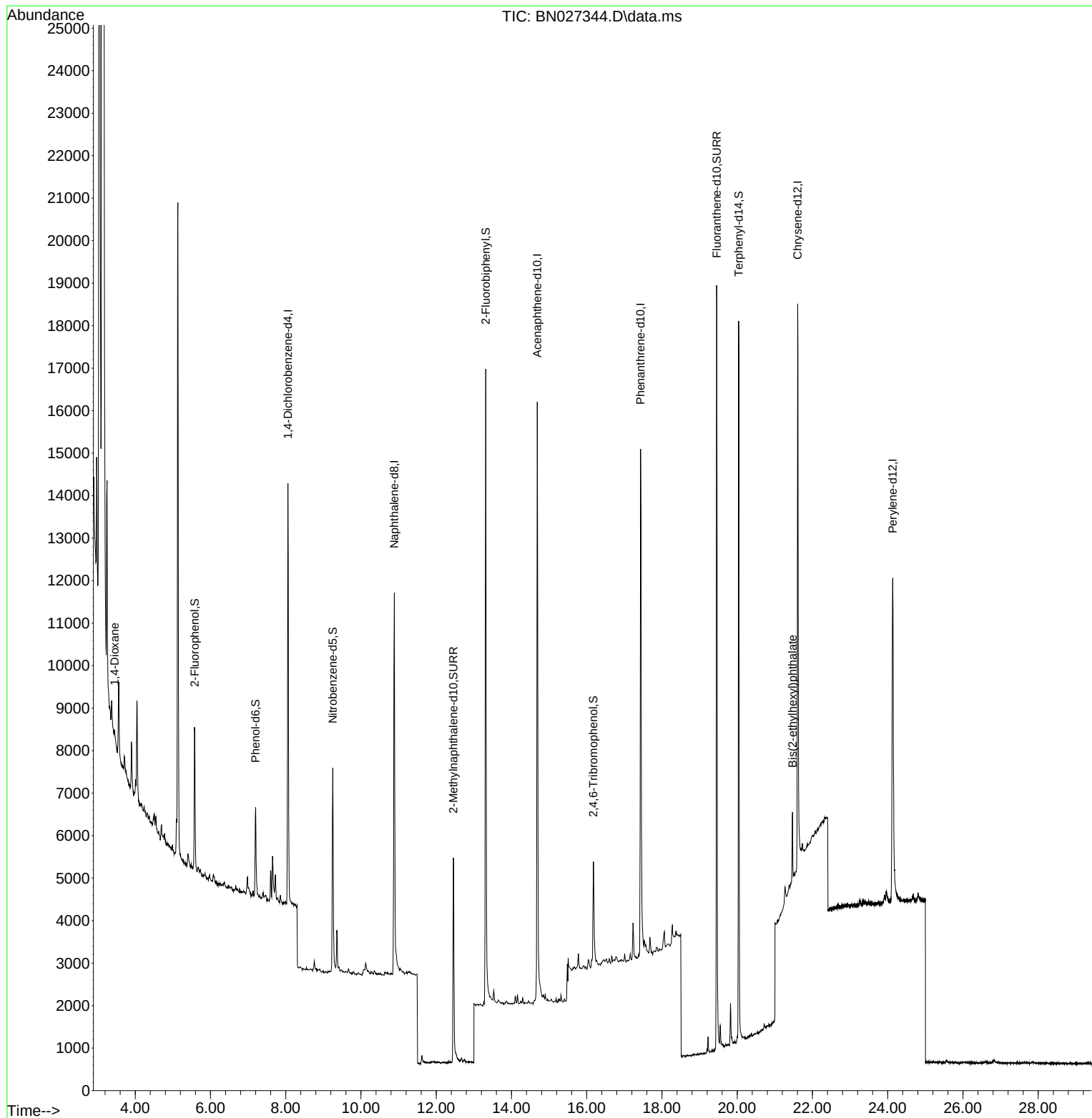
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	4794	0.400	ng	0.00
7) Naphthalene-d8	10.885	136	13571	0.400	ng	0.00
13) Acenaphthene-d10	14.683	164	9284	0.400	ng	0.00
19) Phenanthrene-d10	17.430	188	20149	0.400	ng	0.00
29) Chrysene-d12	21.605	240	15434	0.400	ng	0.00
35) Perylene-d12	24.133	264	13547	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.582	112	2942	0.235	ng	0.00
5) Phenol-d6	7.199	99	2189	0.144	ng	0.00
8) Nitrobenzene-d5	9.251	82	4153	0.420	ng	0.00
11) 2-Methylnaphthalene-d10	12.457	152	7889	0.396	ng	0.00
14) 2,4,6-Tribromophenol	16.177	330	1744	0.508	ng	0.00
15) 2-Fluorobiphenyl	13.315	172	14116	0.400	ng	0.00
27) Fluoranthene-d10	19.458	212	21972	0.439	ng	0.00
31) Terphenyl-d14	20.039	244	17568	0.567	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.451	88	291	0.050	ng	Qvalue # 87
34) Bis(2-ethylhexyl)phtha...	21.471	149	1711	0.067	ng	99

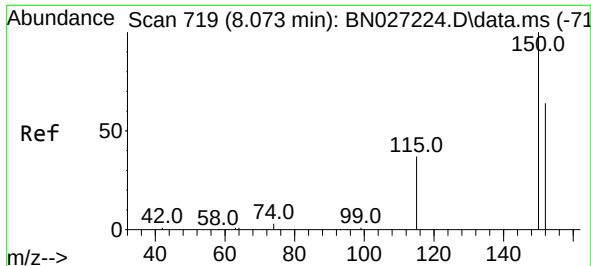
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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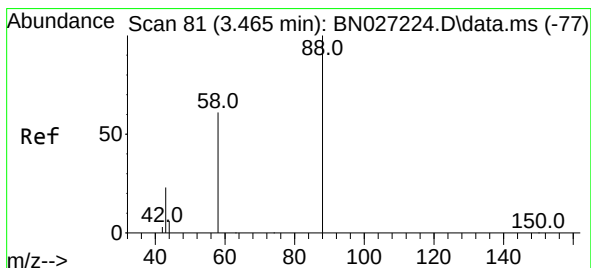
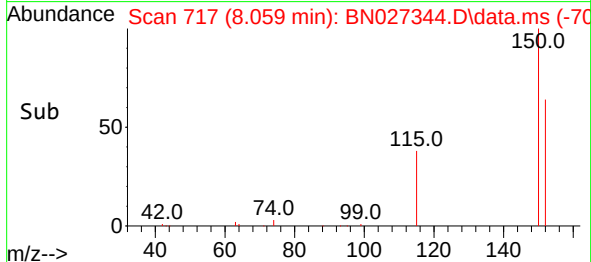
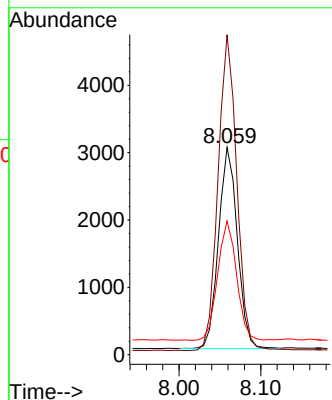
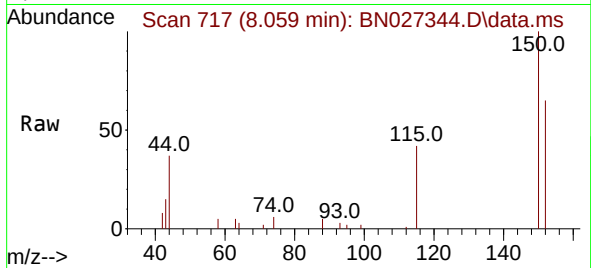




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.059 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BN027344.D
 Acq: 01 Sep 2023 13:40

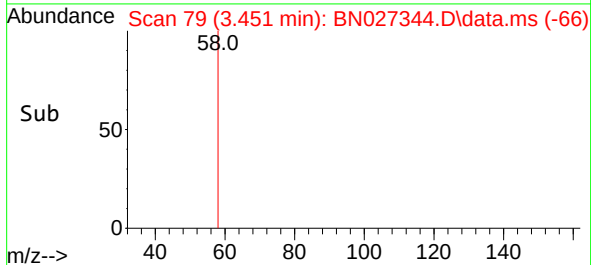
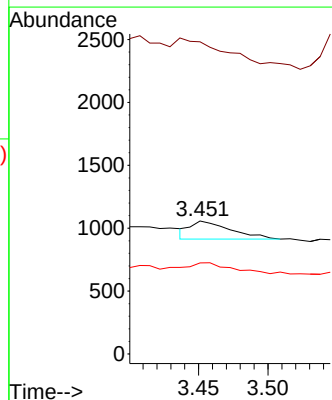
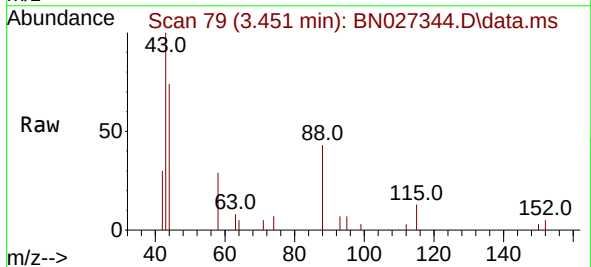
Instrument :
 BNA_N
 ClientSampleId :
 MW-02-9-082923

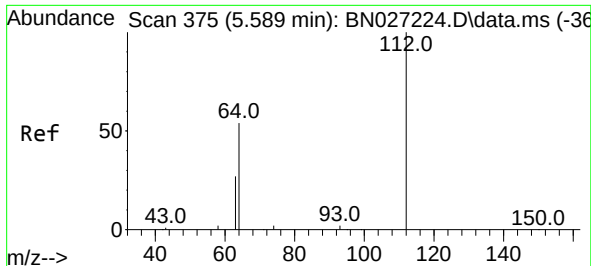
Tgt Ion:152 Resp: 4794
 Ion Ratio Lower Upper
 152 100
 150 154.5 122.7 184.1
 115 64.5 48.6 73.0



#2
 1,4-Dioxane
 Concen: 0.050 ng
 RT: 3.451 min Scan# 79
 Delta R.T. -0.007 min
 Lab File: BN027344.D
 Acq: 01 Sep 2023 13:40

Tgt Ion: 88 Resp: 291
 Ion Ratio Lower Upper
 88 100
 43 0.0 19.1 28.7#
 58 65.3 52.2 78.2

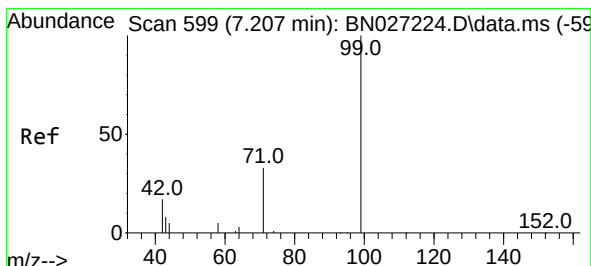
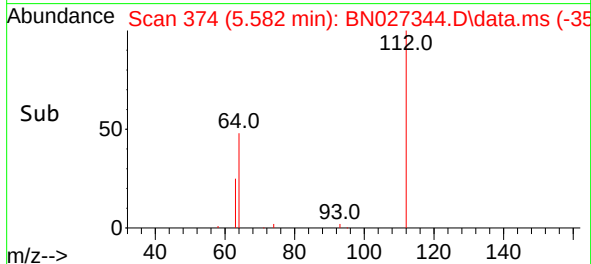
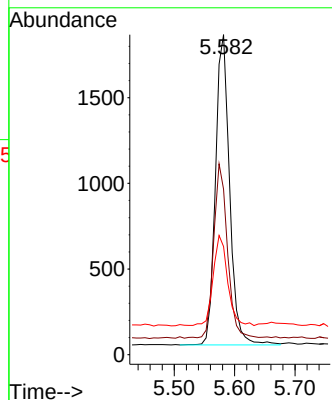
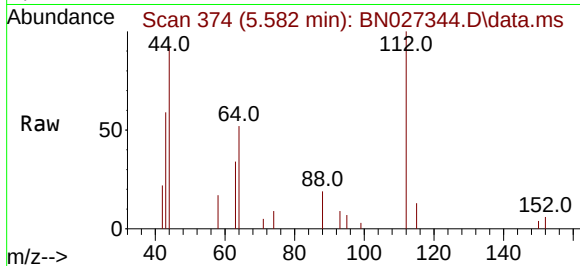




#4
2-Fluorophenol
Concen: 0.235 ng
RT: 5.582 min Scan# 31
Delta R.T. 0.007 min
Lab File: BN027344.D
Acq: 01 Sep 2023 13:40

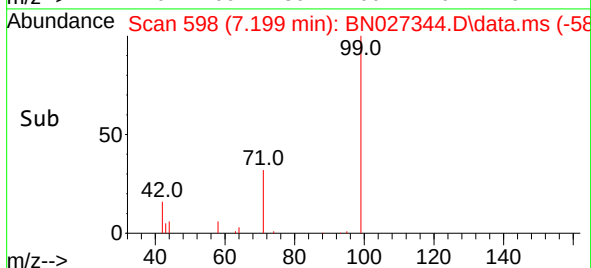
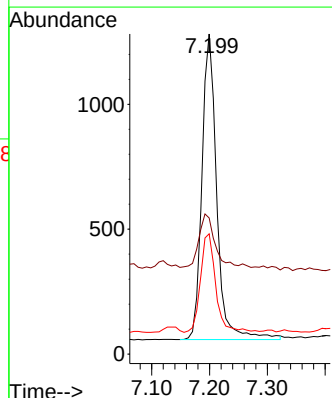
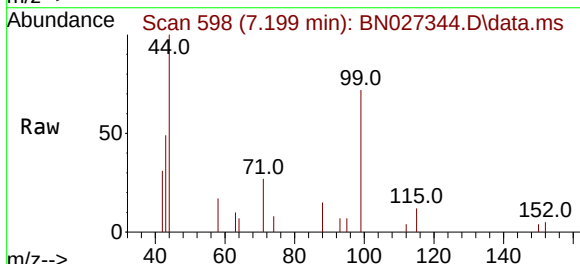
Instrument :
BNA_N
ClientSampleId :
MW-02-9-082923

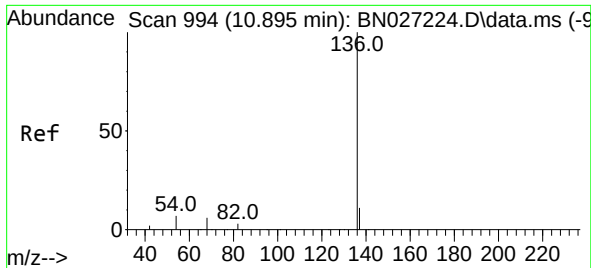
Tgt Ion: 112 Resp: 2942
Ion Ratio Lower Upper
112 100
64 54.9 44.4 66.6
63 29.4 23.1 34.7



#5
Phenol-d6
Concen: 0.144 ng
RT: 7.199 min Scan# 598
Delta R.T. 0.000 min
Lab File: BN027344.D
Acq: 01 Sep 2023 13:40

Tgt Ion: 99 Resp: 2189
Ion Ratio Lower Upper
99 100
42 18.9 14.5 21.7
71 33.3 25.8 38.6

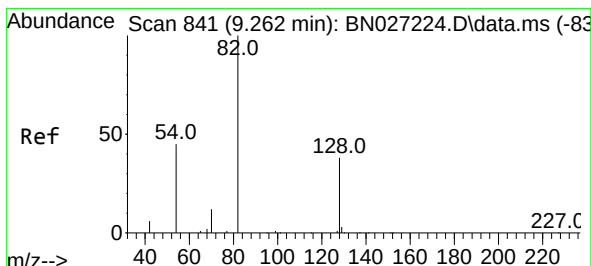
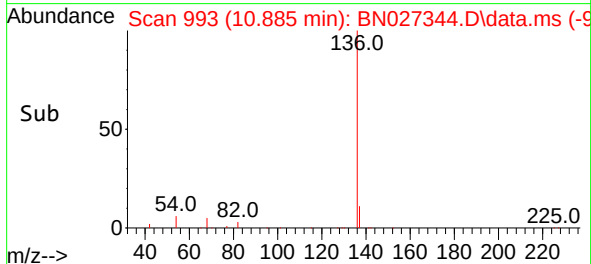
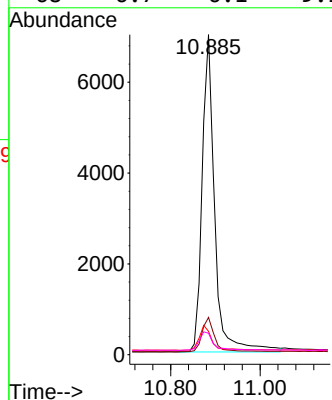
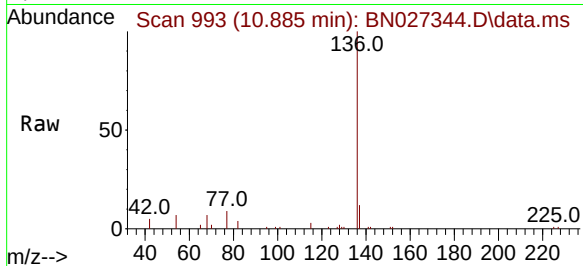




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.885 min Scan# 994
Delta R.T. 0.000 min
Lab File: BN027344.D
Acq: 01 Sep 2023 13:40

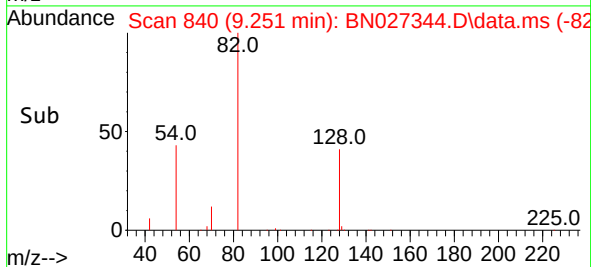
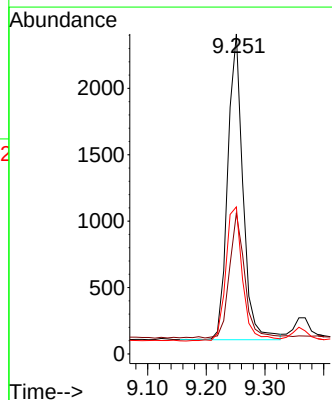
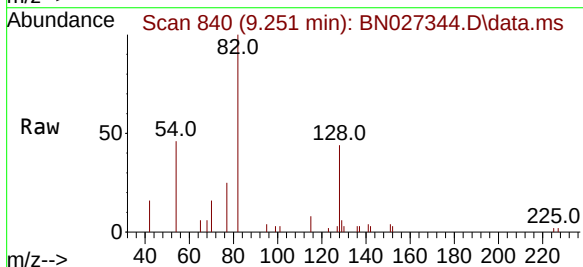
Instrument :
BNA_N
ClientSampleId :
MW-02-9-082923

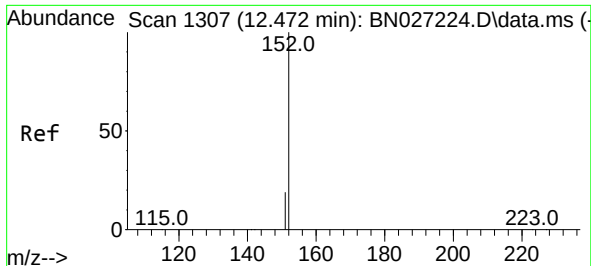
Tgt Ion:	136	Resp:	13571
Ion Ratio	Lower	Upper	
136	100		
137	11.7	9.3	13.9
54	7.3	6.7	10.1
68	6.7	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.420 ng
RT: 9.251 min Scan# 840
Delta R.T. 0.000 min
Lab File: BN027344.D
Acq: 01 Sep 2023 13:40

Tgt Ion:	82	Resp:	4153
Ion Ratio	Lower	Upper	
82	100		
128	44.0	33.4	50.0
54	46.0	37.7	56.5





#11

2-Methylnaphthalene-d10

Concen: 0.396 ng

RT: 12.457 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN027344.D

Acq: 01 Sep 2023 13:40

Instrument :

BNA_N

ClientSampleId :

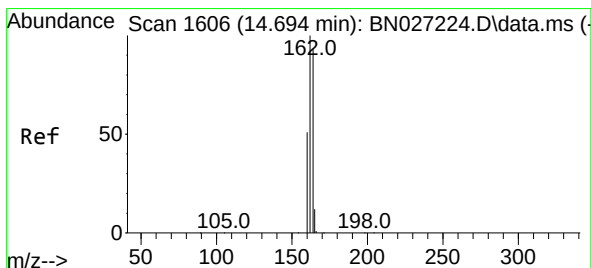
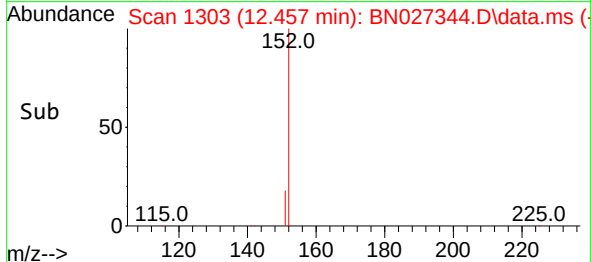
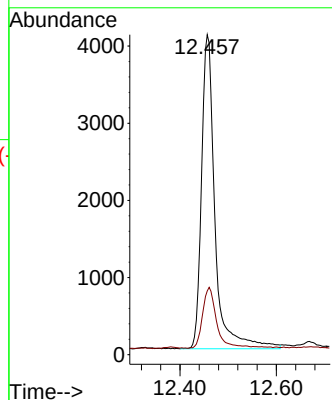
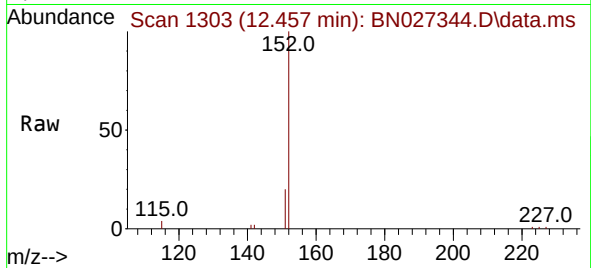
MW-02-9-082923

Tgt Ion:152 Resp: 7889

Ion Ratio Lower Upper

152 100

151 20.2 16.6 25.0



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.683 min Scan# 1605

Delta R.T. 0.000 min

Lab File: BN027344.D

Acq: 01 Sep 2023 13:40

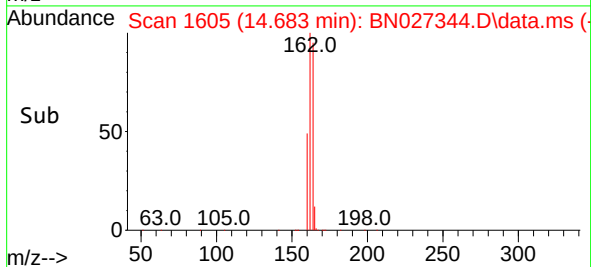
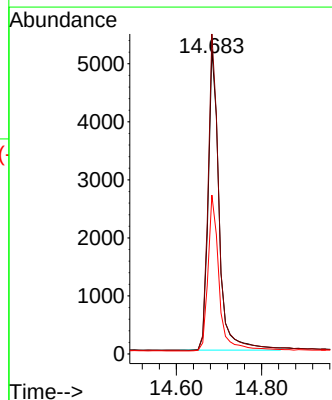
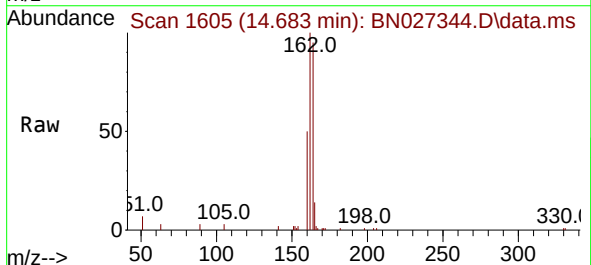
Tgt Ion:164 Resp: 9284

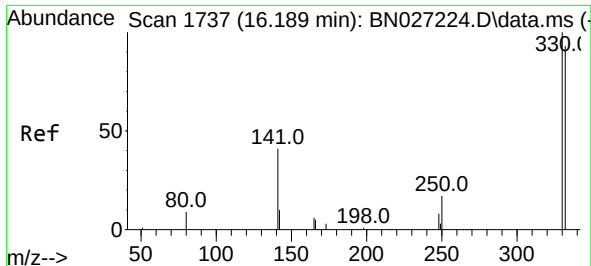
Ion Ratio Lower Upper

164 100

162 105.0 85.8 128.8

160 52.2 44.2 66.2





#14

2,4,6-Tribromophenol

Concen: 0.508 ng

RT: 16.177 min Scan# 1736

Delta R.T. 0.000 min

Lab File: BN027344.D

Acq: 01 Sep 2023 13:40

Instrument :

BNA_N

ClientSampleId :

MW-02-9-082923

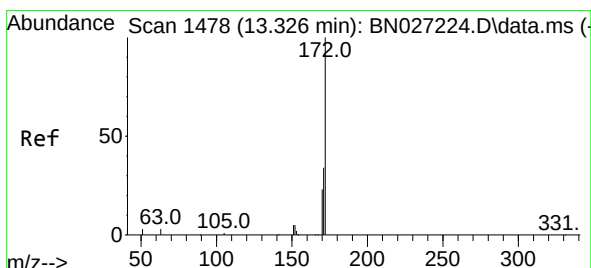
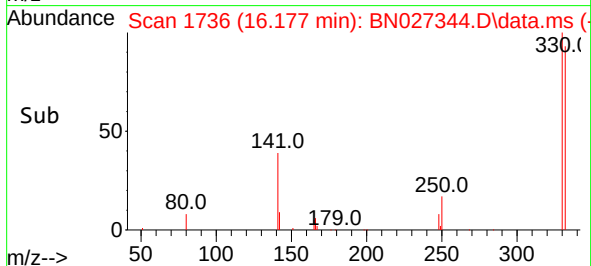
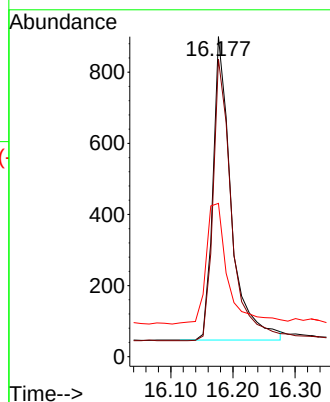
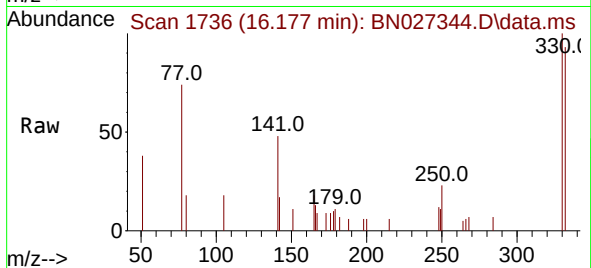
Tgt Ion:330 Resp: 1744

Ion Ratio Lower Upper

330 100

332 94.6 75.2 112.8

141 47.1 36.2 54.4



#15

2-Fluorobiphenyl

Concen: 0.400 ng

RT: 13.315 min Scan# 1477

Delta R.T. 0.000 min

Lab File: BN027344.D

Acq: 01 Sep 2023 13:40

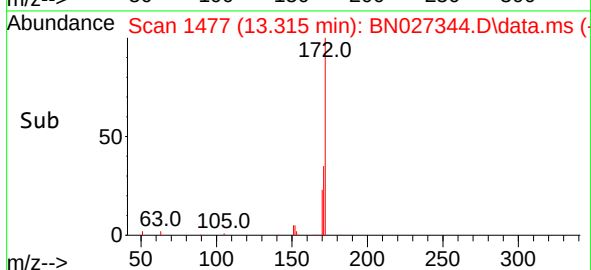
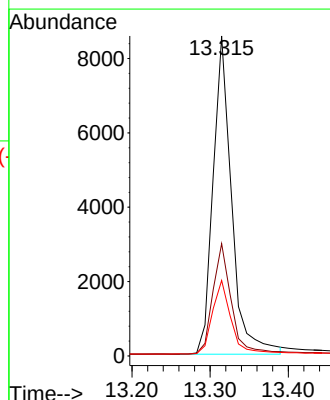
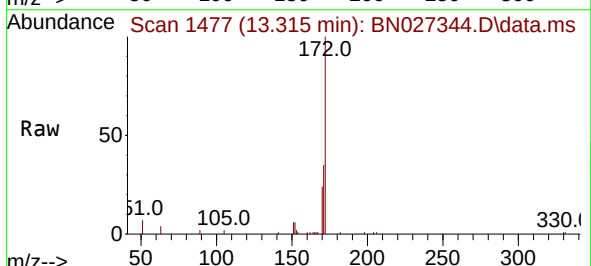
Tgt Ion:172 Resp: 14116

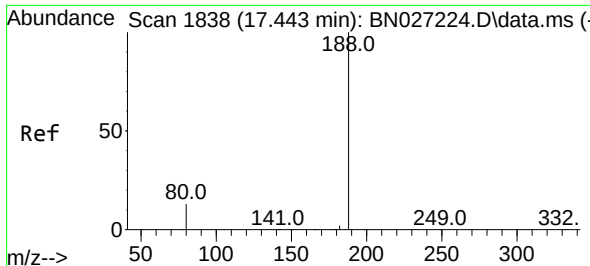
Ion Ratio Lower Upper

172 100

171 35.1 27.8 41.8

170 23.6 19.3 28.9

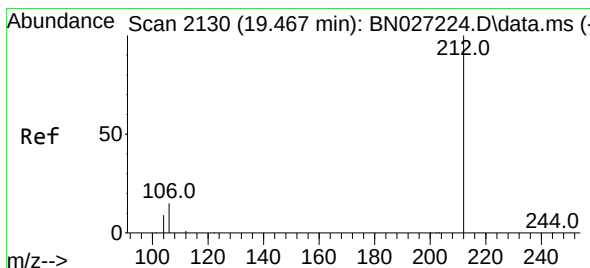
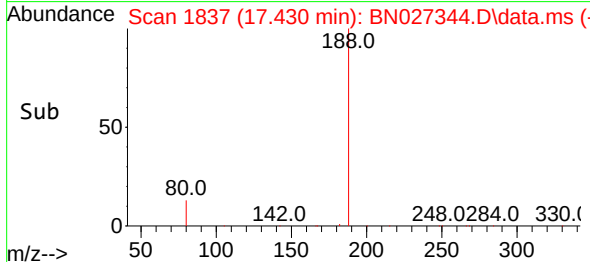
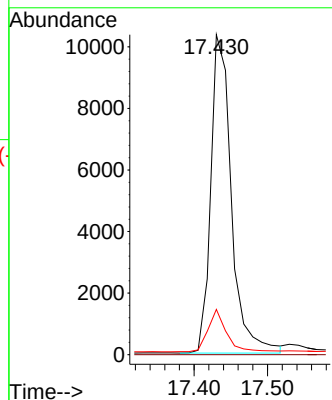
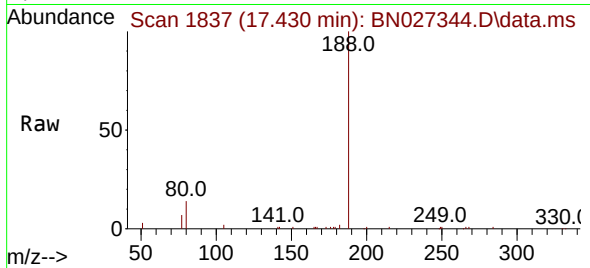




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.430 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN027344.D
Acq: 01 Sep 2023 13:40

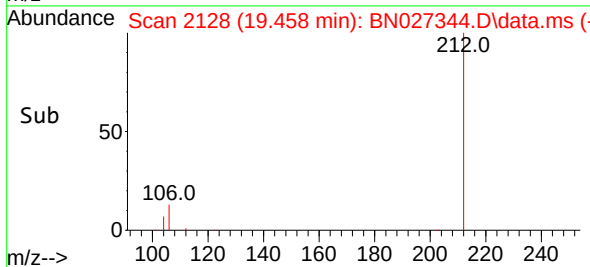
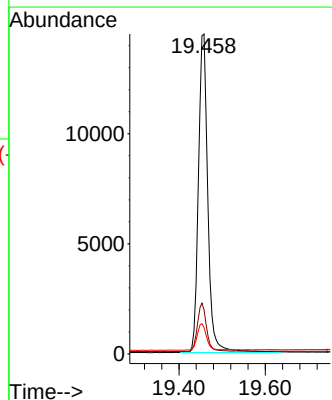
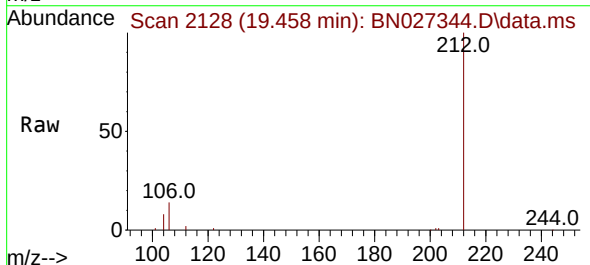
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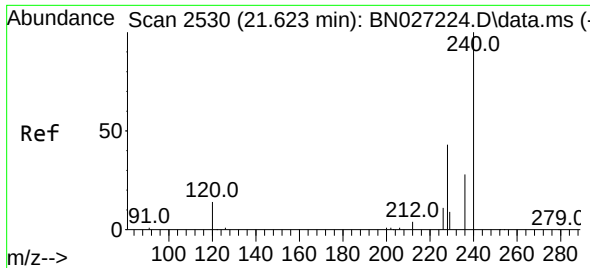
Tgt Ion:188 Resp: 20149
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.1 11.0 16.6



#27
Fluoranthene-d10
Concen: 0.439 ng
RT: 19.458 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BN027344.D
Acq: 01 Sep 2023 13:40

Tgt Ion:212 Resp: 21972
Ion Ratio Lower Upper
212 100
106 14.7 12.1 18.1
104 8.3 6.9 10.3

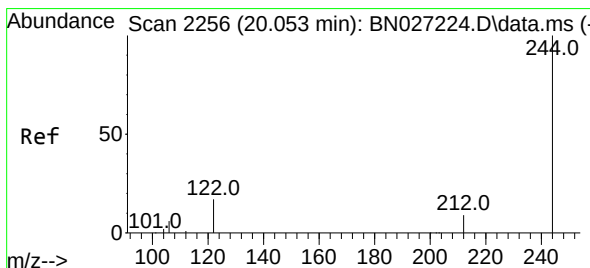
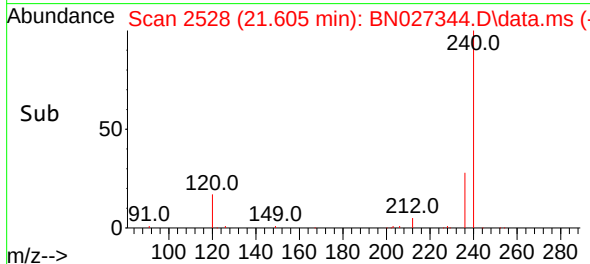
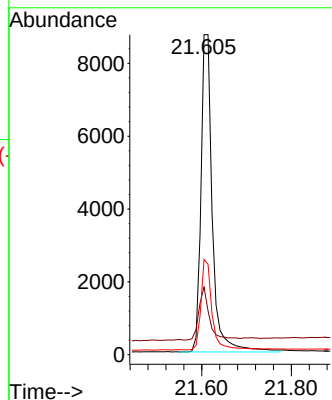
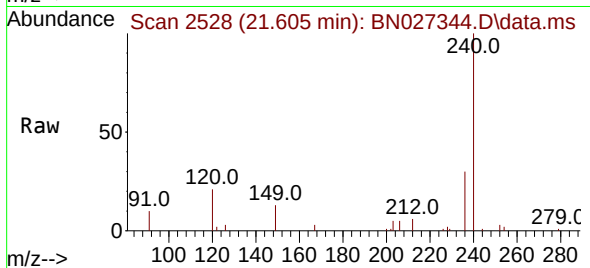




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.605 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN027344.D
Acq: 01 Sep 2023 13:40

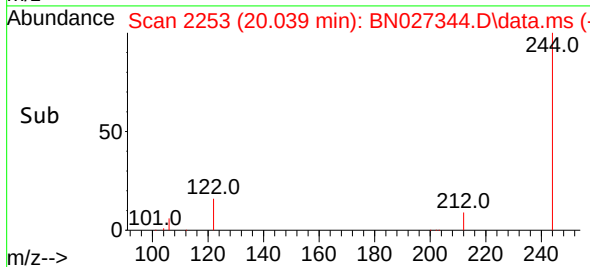
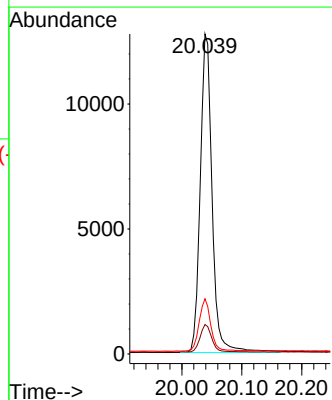
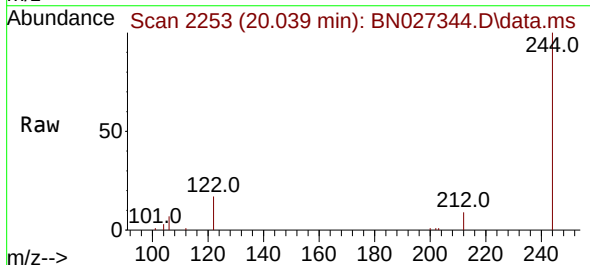
Instrument :
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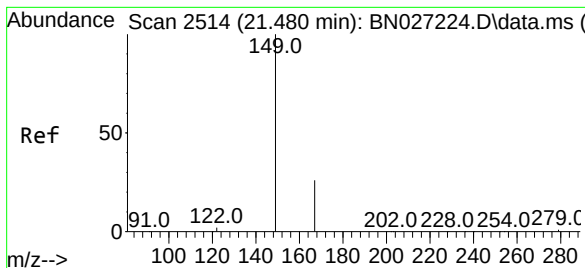
Tgt Ion:240 Resp: 15434
Ion Ratio Lower Upper
240 100
120 21.1 14.2 21.4
236 29.7 22.9 34.3



#31
Terphenyl-d14
Concen: 0.567 ng
RT: 20.039 min Scan# 2253
Delta R.T. -0.005 min
Lab File: BN027344.D
Acq: 01 Sep 2023 13:40

Tgt Ion:244 Resp: 17568
Ion Ratio Lower Upper
244 100
212 9.2 7.5 11.3
122 17.3 14.0 21.0

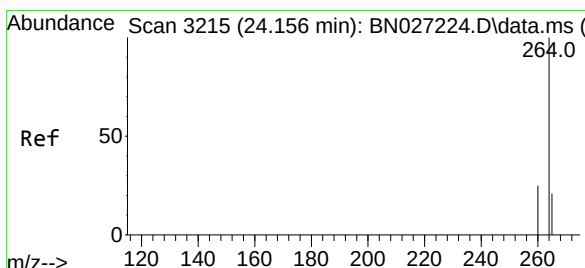
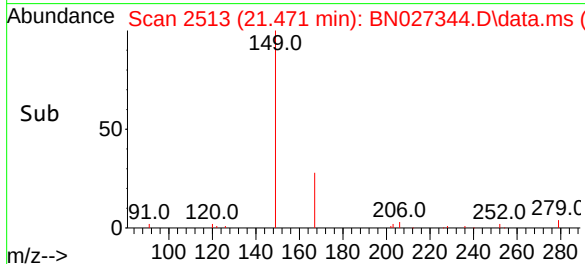
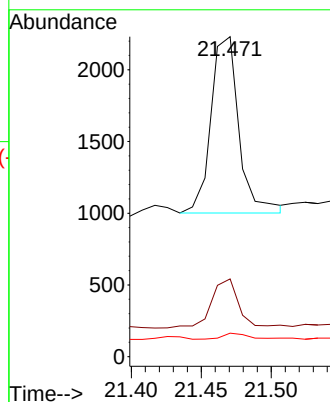
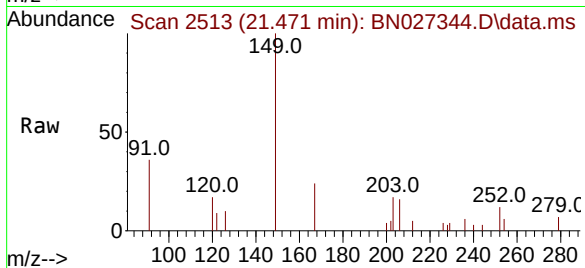




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.067 ng
 RT: 21.471 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: BN027344.D
 Acq: 01 Sep 2023 13:40

Instrument :
 BNA_N
 ClientSampleId :
 MW-02-9-082923

Tgt Ion:149 Resp: 1711
 Ion Ratio Lower Upper
 149 100
 167 26.8 22.1 33.1
 279 3.7 2.7 4.1



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.133 min Scan# 3207
 Delta R.T. -0.003 min
 Lab File: BN027344.D
 Acq: 01 Sep 2023 13:40

Tgt Ion:264 Resp: 13547
 Ion Ratio Lower Upper
 264 100
 260 26.4 20.7 31.1
 265 70.5 53.3 79.9

