

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091123\
 Data File : BN027573.D
 Acq On : 11 Sep 2023 12:18
 Operator : MA/JU
 Sample : 04254-01
 Misc :
 ALS Vial : 84 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW11-MW01I-20230830

Quant Time: Sep 12 01:31:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 11 05:26:09 2023
 Response via : Initial Calibration

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

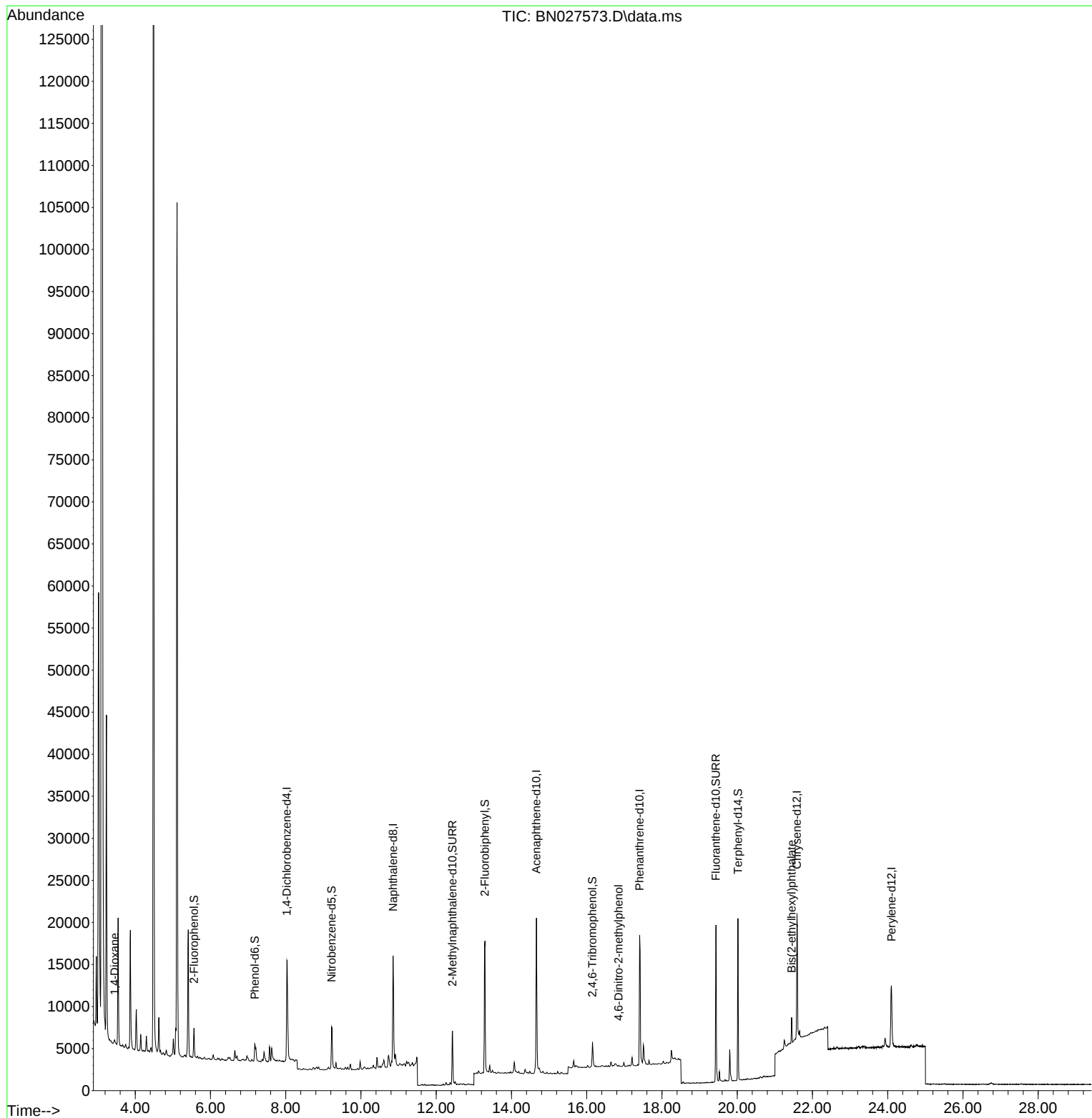
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.030	152	5986	0.400	ng	0.00
7) Naphthalene-d8	10.853	136	18780	0.400	ng	0.00
13) Acenaphthene-d10	14.662	164	11355	0.400	ng	0.00
19) Phenanthrene-d10	17.406	188	23955	0.400	ng	-0.01
29) Chrysene-d12	21.587	240	15741	0.400	ng	0.00
35) Perylene-d12	24.098	264	11793	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.560	112	2829	0.181	ng	0.00
5) Phenol-d6	7.178	99	2025	0.107	ng	0.00
8) Nitrobenzene-d5	9.219	82	4861	0.355	ng	0.00
11) 2-Methylnaphthalene-d10	12.430	152	9094	0.330	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	1820	0.433	ng	0.00
15) 2-Fluorobiphenyl	13.293	172	15599	0.361	ng	0.00
27) Fluoranthene-d10	19.435	212	20744	0.348	ng	0.00
31) Terphenyl-d14	20.020	244	18945	0.599	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.451	88	549	0.075	ng	# 52
20) 4,6-Dinitro-2-methylph...	16.847	198	10	0.029	ng	# 27
34) Bis(2-ethylhexyl)phtha...	21.444	149	2906	0.112	ng	98

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

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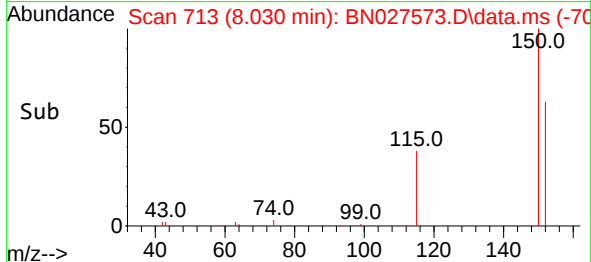
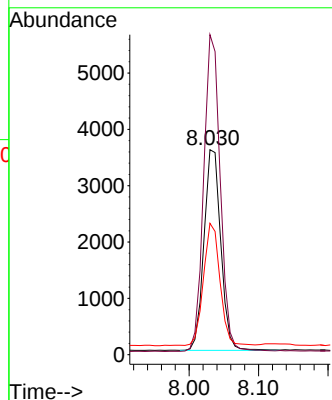
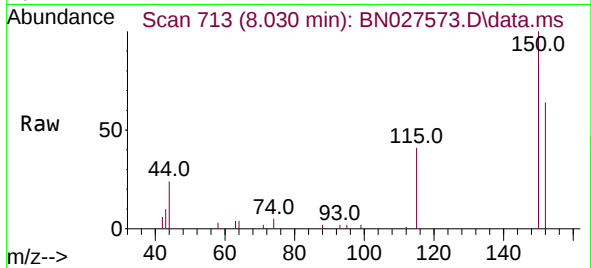




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.030 min Scan# 71
 Delta R.T. -0.007 min
 Lab File: BN027573.D
 Acq: 11 Sep 2023 12:18

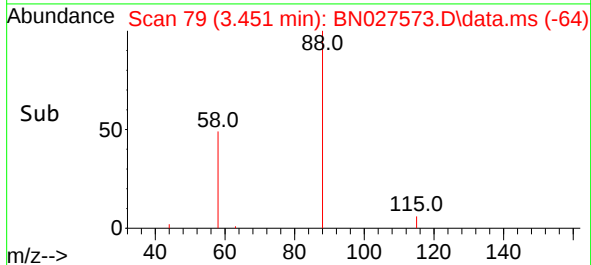
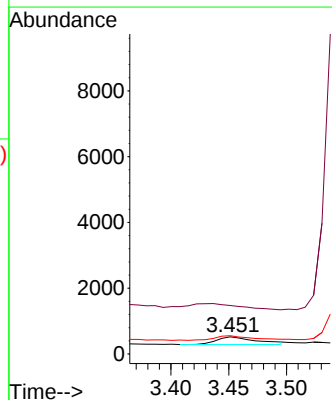
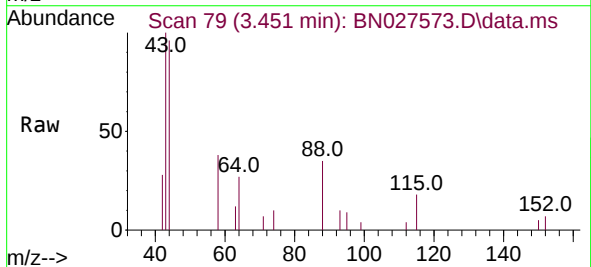
Instrument :
 BNA_N
 ClientSampleId :
 RW11-MW01I-20230830

Tgt Ion:152 Resp: 5986
 Ion Ratio Lower Upper
 152 100
 150 156.1 122.7 184.1
 115 64.0 48.6 73.0



#2
 1,4-Dioxane
 Concen: 0.075 ng
 RT: 3.451 min Scan# 79
 Delta R.T. 0.007 min
 Lab File: BN027573.D
 Acq: 11 Sep 2023 12:18

Tgt Ion: 88 Resp: 549
 Ion Ratio Lower Upper
 88 100
 43 97.6 19.1 28.7#
 58 56.5 52.2 78.2





#4

2-Fluorophenol

Concen: 0.181 ng

RT: 5.560 min Scan# 31

Delta R.T. 0.000 min

Lab File: BN027573.D

Acq: 11 Sep 2023 12:18

Instrument :

BNA_N

ClientSampleId :

RW11-MW011-20230830

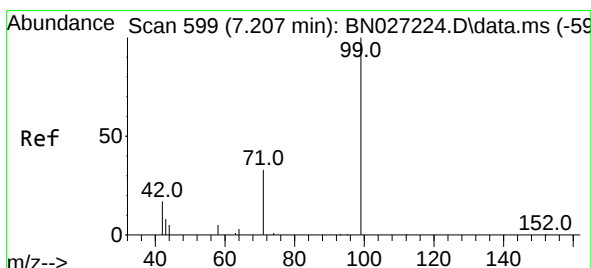
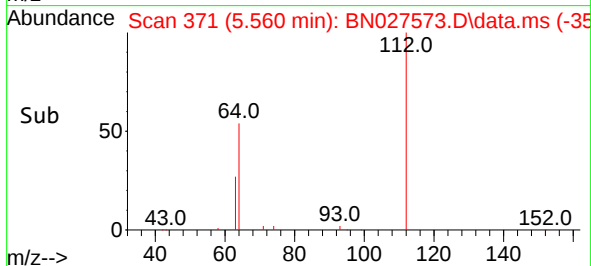
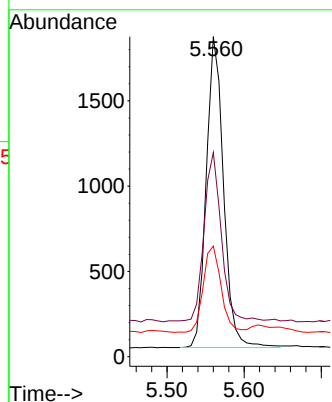
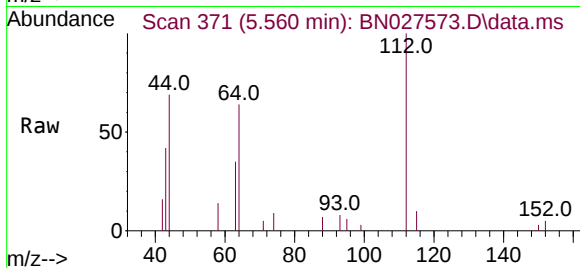
Tgt Ion:112 Resp: 2829

Ion Ratio Lower Upper

112 100

64 55.5 44.4 66.6

63 28.6 23.1 34.7



#5

Phenol-d6

Concen: 0.107 ng

RT: 7.178 min Scan# 595

Delta R.T. 0.000 min

Lab File: BN027573.D

Acq: 11 Sep 2023 12:18

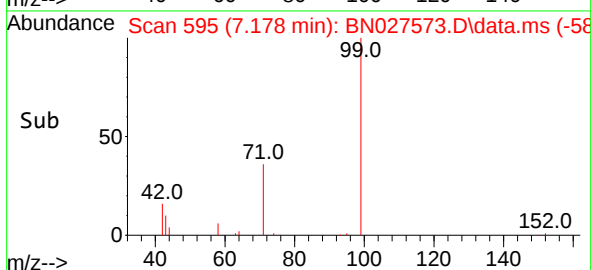
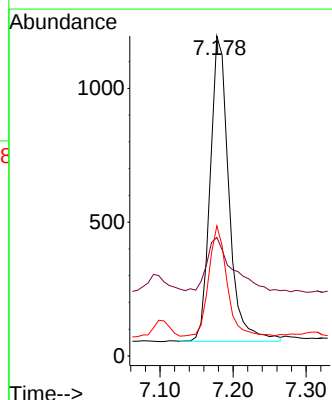
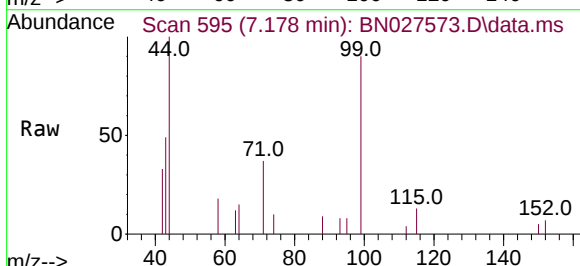
Tgt Ion: 99 Resp: 2025

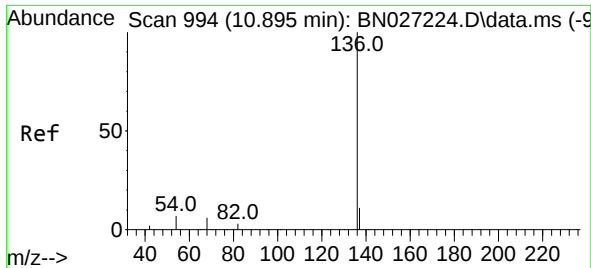
Ion Ratio Lower Upper

99 100

42 24.0 14.5 21.7#

71 34.8 25.8 38.6

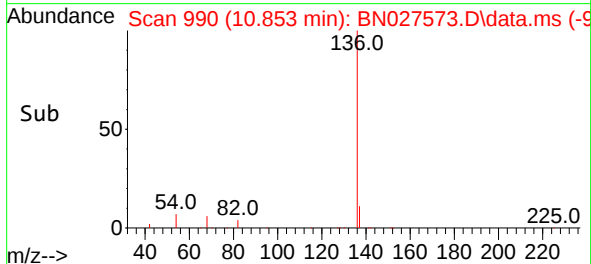
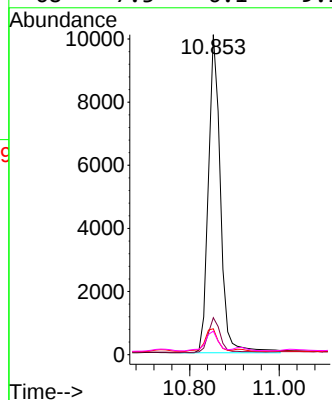
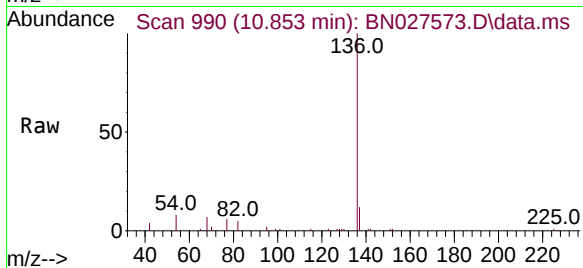




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.853 min Scan# 994
Delta R.T. 0.000 min
Lab File: BN027573.D
Acq: 11 Sep 2023 12:18

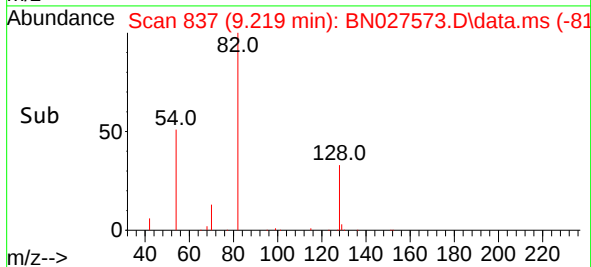
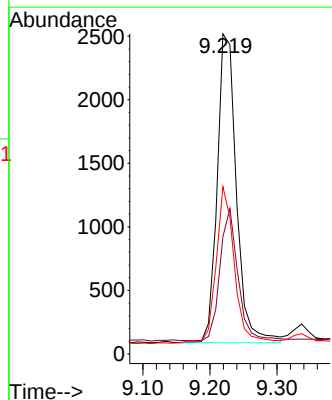
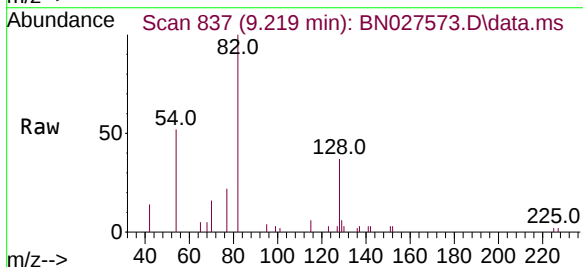
Instrument :
BNA_N
ClientSampleId :
RW11-MW01I-20230830

Tgt Ion:	136	Resp:	18780
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.3	13.9
54	8.1	6.7	10.1
68	7.3	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.355 ng
RT: 9.219 min Scan# 837
Delta R.T. 0.000 min
Lab File: BN027573.D
Acq: 11 Sep 2023 12:18

Tgt Ion:	82	Resp:	4861
Ion	Ratio	Lower	Upper
82	100		
128	36.6	33.4	50.0
54	52.3	37.7	56.5

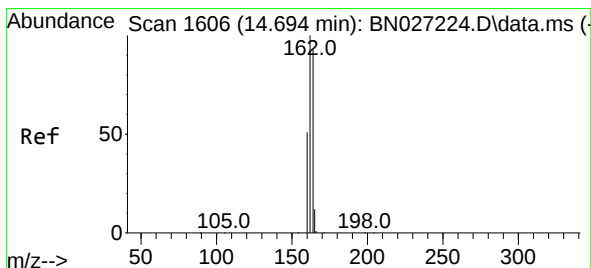
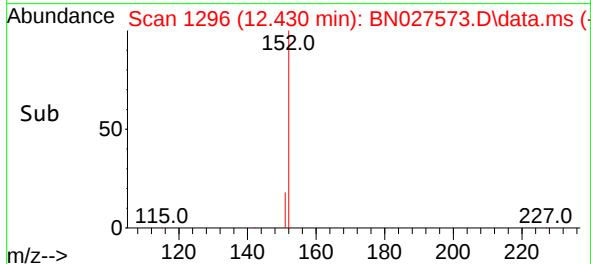
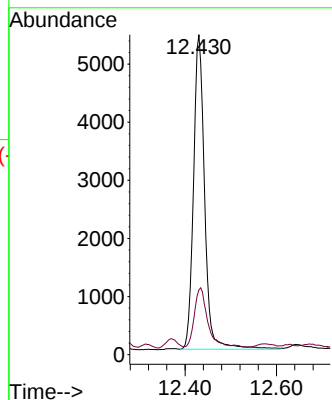
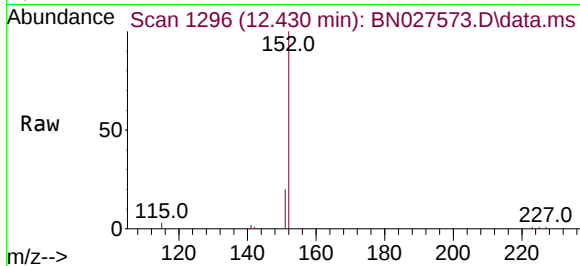




#11
2-Methylnaphthalene-d10
Concen: 0.330 ng
RT: 12.430 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN027573.D
Acq: 11 Sep 2023 12:18

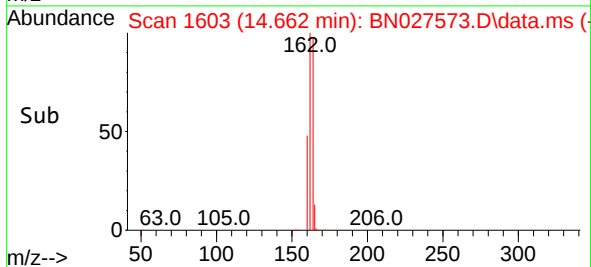
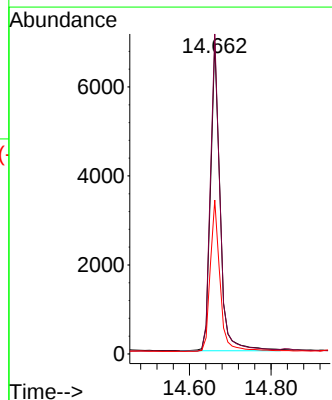
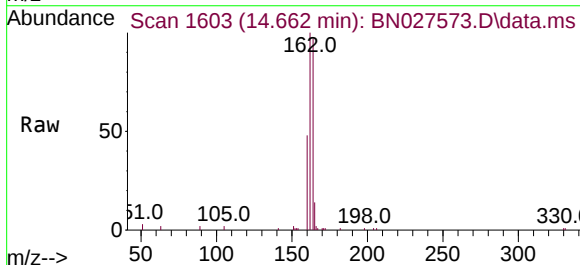
Instrument :
BNA_N
ClientSampleId :
RW11-MW01I-20230830

Tgt Ion:152 Resp: 9094
Ion Ratio Lower Upper
152 100
151 21.4 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.662 min Scan# 1603
Delta R.T. 0.000 min
Lab File: BN027573.D
Acq: 11 Sep 2023 12:18

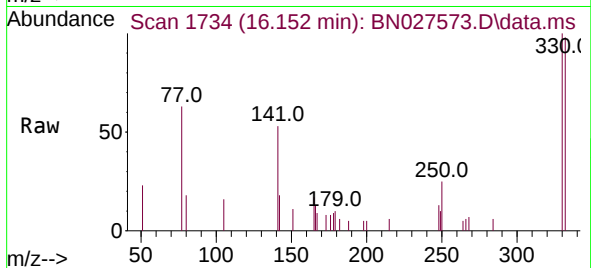
Tgt Ion:164 Resp: 11355
Ion Ratio Lower Upper
164 100
162 102.8 85.8 128.8
160 49.4 44.2 66.2



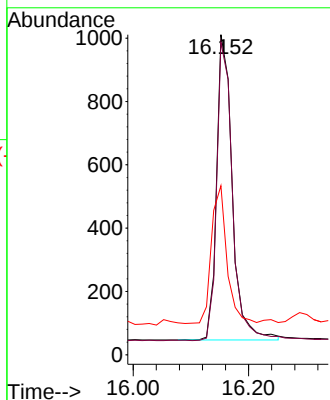
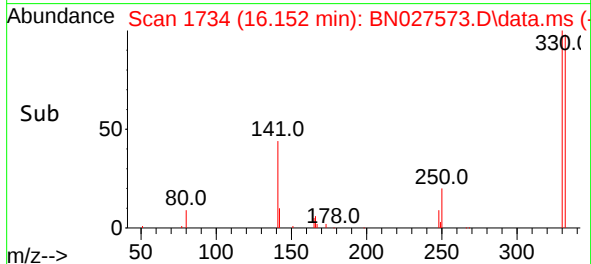


#14
2,4,6-Tribromophenol
Concen: 0.433 ng
RT: 16.152 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN027573.D
Acq: 11 Sep 2023 12:18

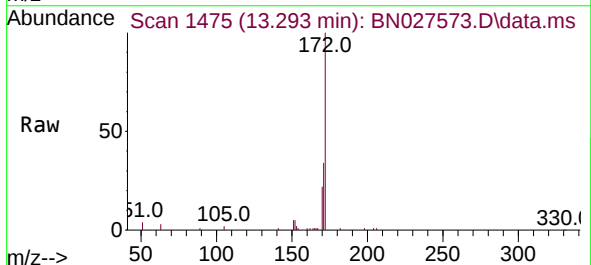
Instrument :
BNA_N
ClientSampleId :
RW11-MW01I-20230830



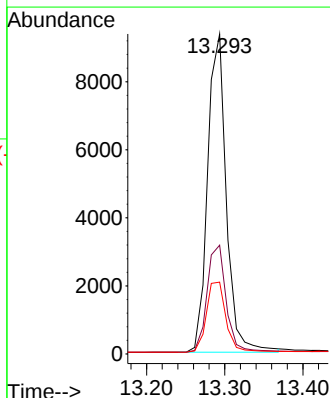
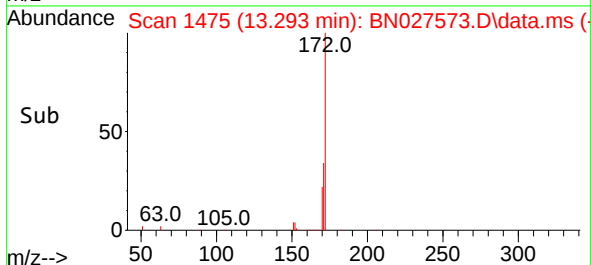
Tgt Ion:330 Resp: 1820
Ion Ratio Lower Upper
330 100
332 97.7 75.2 112.8
141 44.2 36.2 54.4

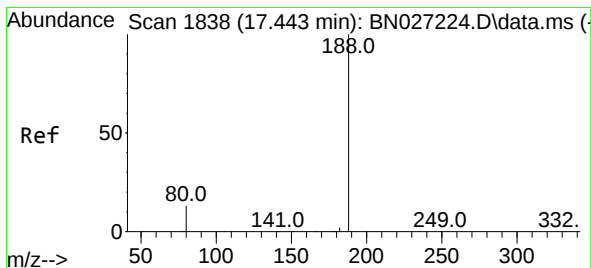


#15
2-Fluorobiphenyl
Concen: 0.361 ng
RT: 13.293 min Scan# 1475
Delta R.T. 0.000 min
Lab File: BN027573.D
Acq: 11 Sep 2023 12:18



Tgt Ion:172 Resp: 15599
Ion Ratio Lower Upper
172 100
171 34.0 27.8 41.8
170 22.4 19.3 28.9





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.406 min Scan# 11

Delta R.T. -0.012 min

Lab File: BN027573.D

Acq: 11 Sep 2023 12:18

Instrument :

BNA_N

ClientSampleId :

RW11-MW01I-20230830

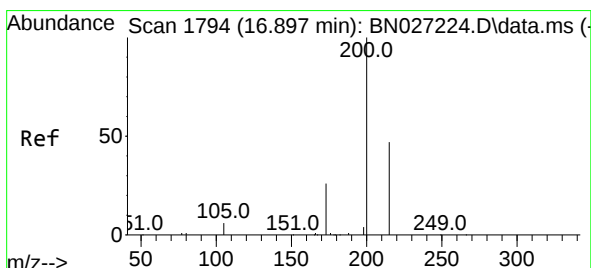
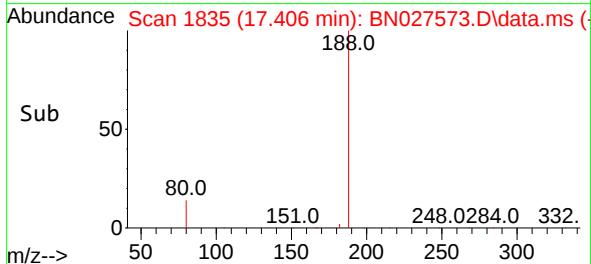
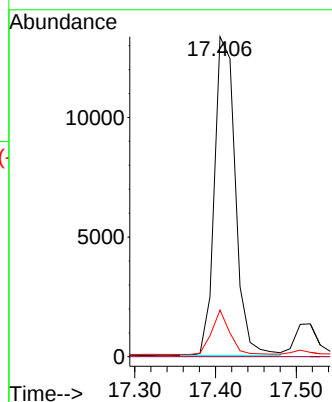
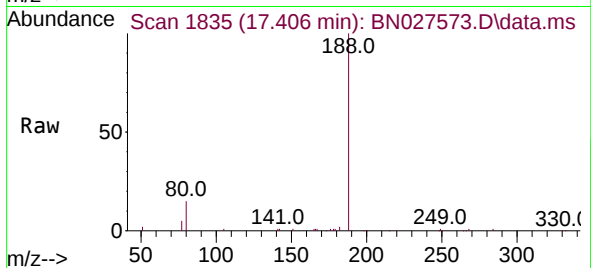
Tgt Ion:188 Resp: 23955

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.6 11.0 16.6



#20

4,6-Dinitro-2-methylphenol

Concen: 0.029 ng

RT: 16.847 min Scan# 1790

Delta R.T. -0.012 min

Lab File: BN027573.D

Acq: 11 Sep 2023 12:18

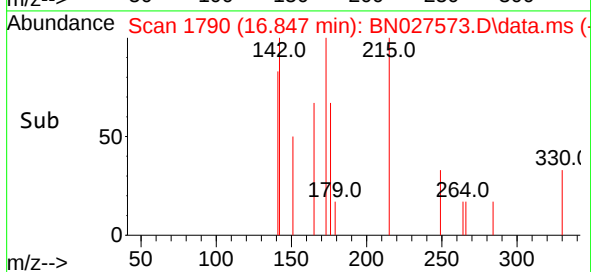
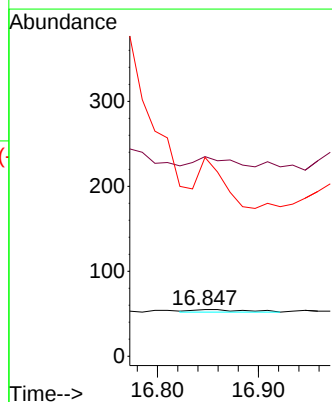
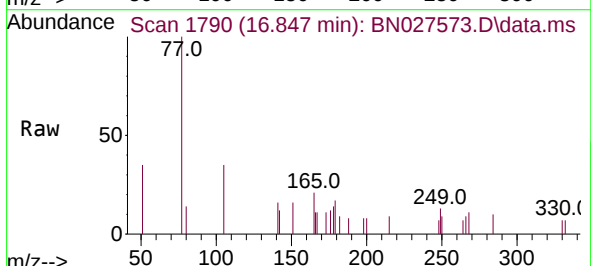
Tgt Ion:198 Resp: 10

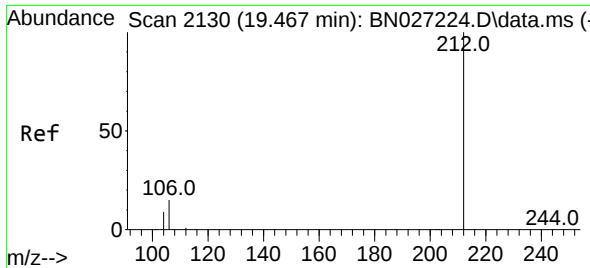
Ion Ratio Lower Upper

198 100

51 427.3 282.2 423.2#

105 425.5 168.7 253.1#

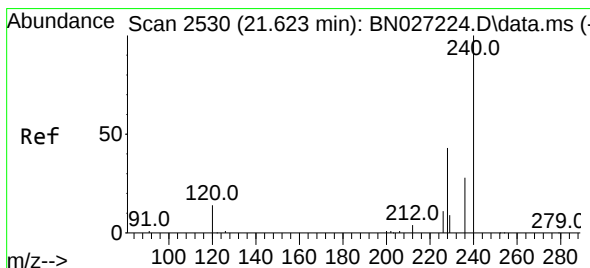
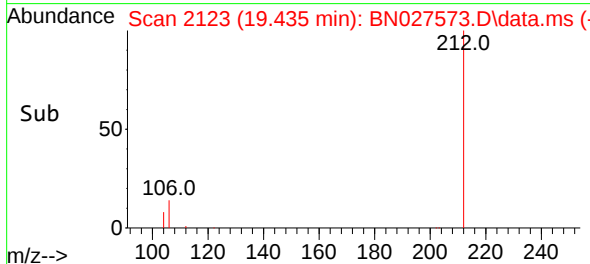
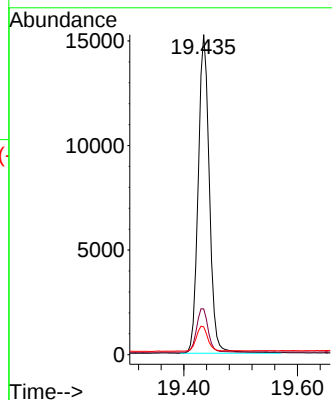
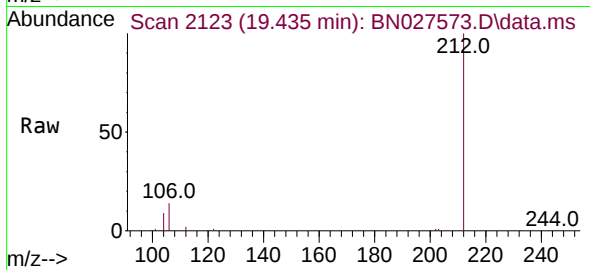




#27
Fluoranthene-d10
Concen: 0.348 ng
RT: 19.435 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN027573.D
Acq: 11 Sep 2023 12:18

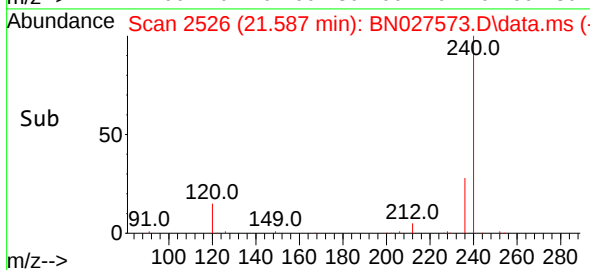
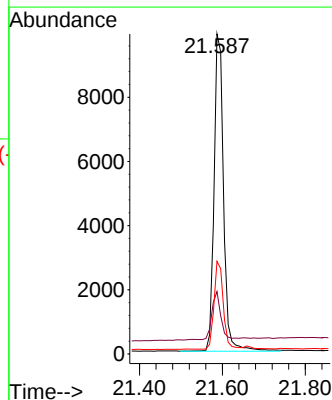
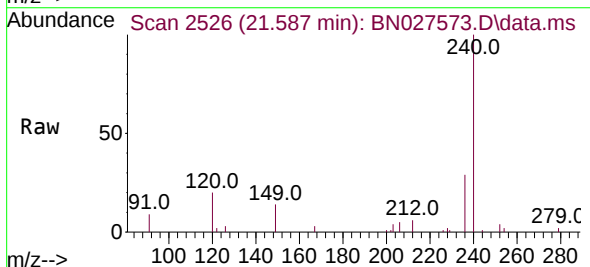
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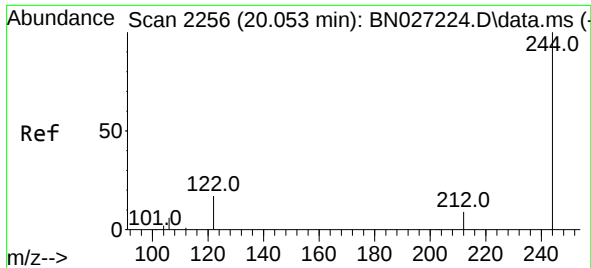
Tgt Ion:212 Resp: 20744
Ion Ratio Lower Upper
212 100
106 14.2 12.1 18.1
104 8.2 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.587 min Scan# 2526
Delta R.T. 0.000 min
Lab File: BN027573.D
Acq: 11 Sep 2023 12:18

Tgt Ion:240 Resp: 15741
Ion Ratio Lower Upper
240 100
120 19.5 14.2 21.4
236 29.0 22.9 34.3

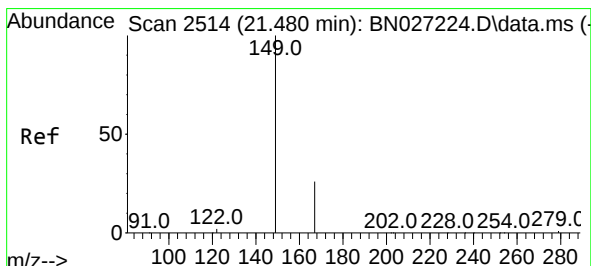
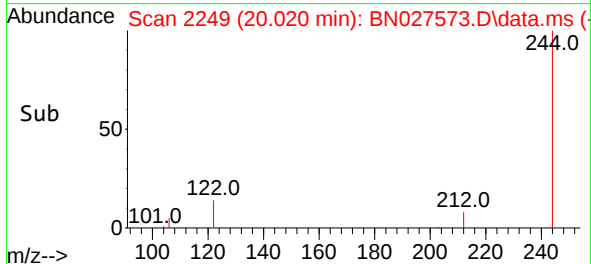
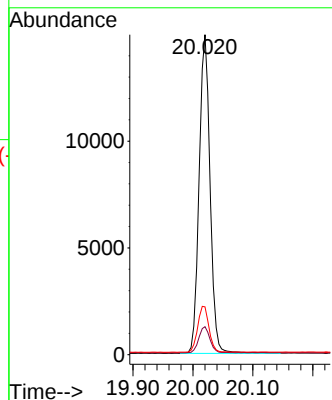
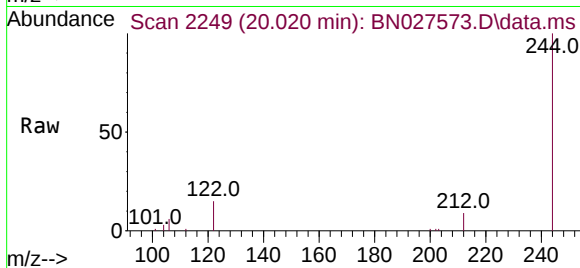




#31
 Terphenyl-d14
 Concen: 0.599 ng
 RT: 20.020 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN027573.D
 Acq: 11 Sep 2023 12:18

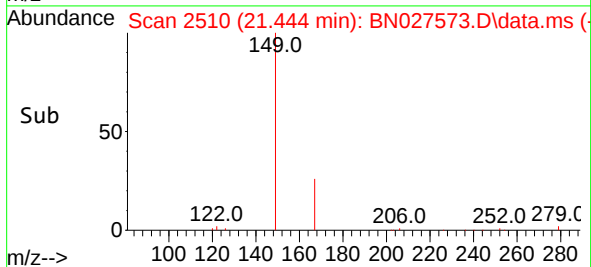
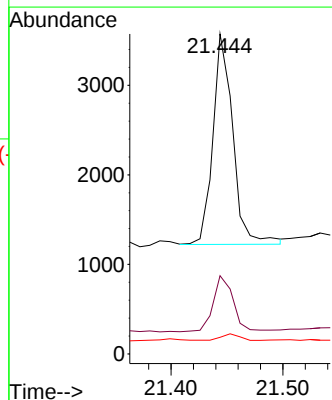
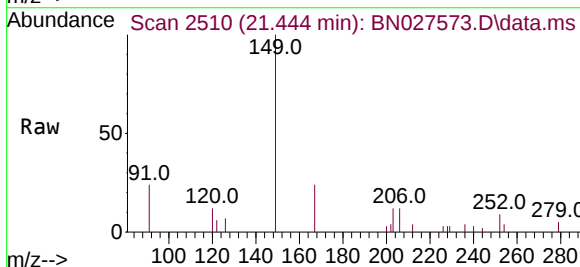
Instrument :
 BNA_N
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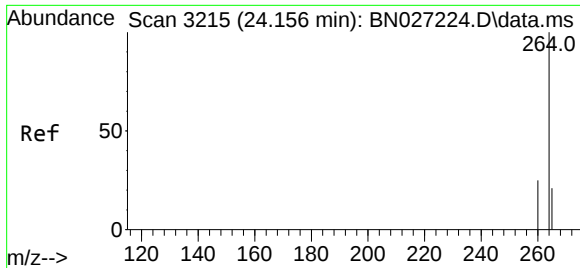
Tgt Ion:244 Resp: 18945
 Ion Ratio Lower Upper
 244 100
 212 8.7 7.5 11.3
 122 14.9 14.0 21.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.112 ng
 RT: 21.444 min Scan# 2510
 Delta R.T. 0.000 min
 Lab File: BN027573.D
 Acq: 11 Sep 2023 12:18

Tgt Ion:149 Resp: 2906
 Ion Ratio Lower Upper
 149 100
 167 26.6 22.1 33.1
 279 2.9 2.7 4.1





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.098 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: BN027573.D
 Acq: 11 Sep 2023 12:18

Instrument :
 BNA_N
 ClientSampleId :
 RW11-MW01I-20230830

Tgt Ion:264	Resp:	11793
Ion	Ratio	Lower Upper
264	100	
260	26.4	20.7 31.1
265	80.5	53.3 79.9#

