

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091123\
 Data File : BN027576.D
 Acq On : 11 Sep 2023 14:10
 Operator : MA/JU
 Sample : 04254-04
 Misc :
 ALS Vial : 87 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW11-MW01S-20230830

Quant Time: Sep 12 01:32:19 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)

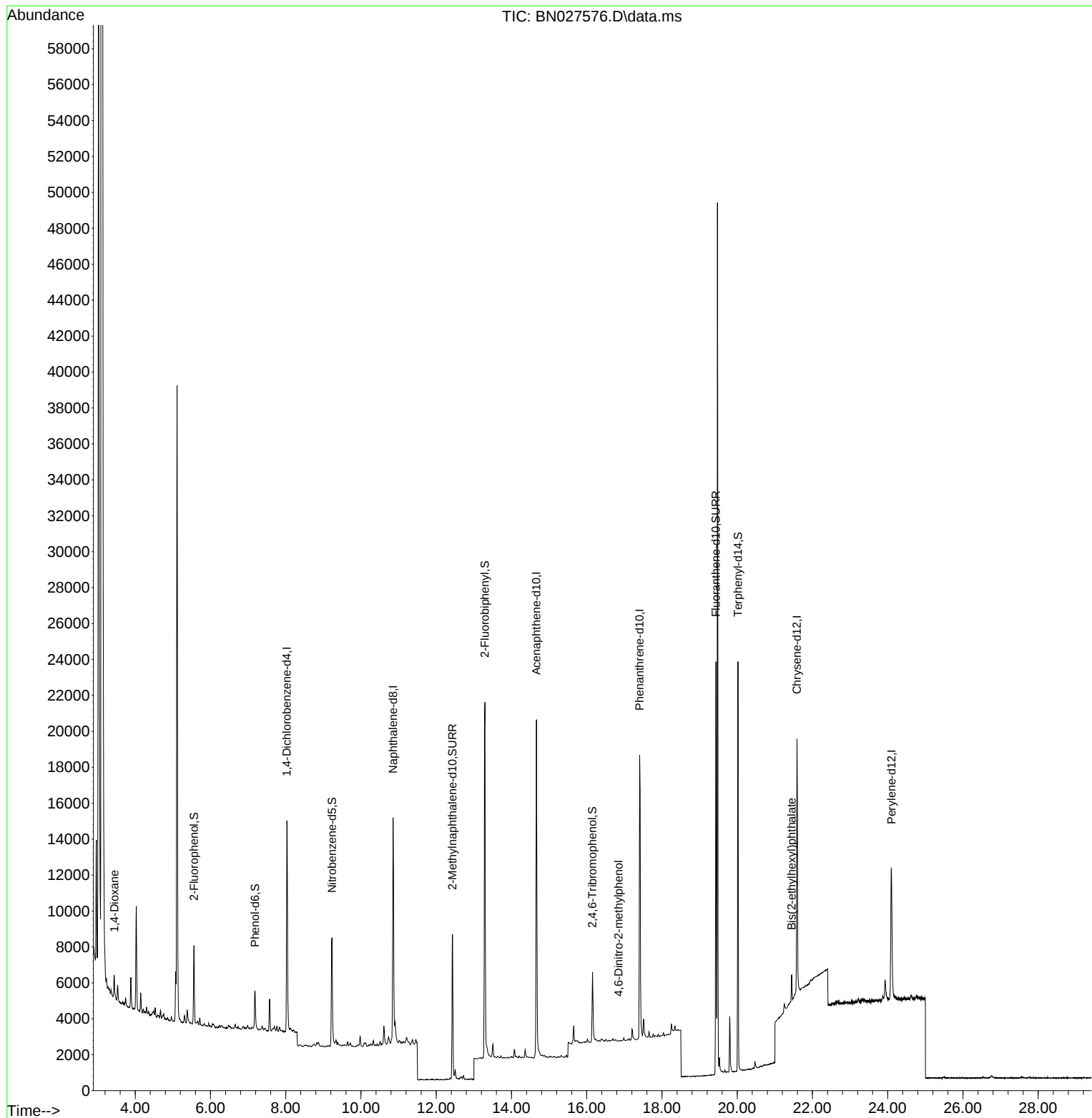
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.030	152	6035	0.400	ng	0.00
7) Naphthalene-d8	10.853	136	18394	0.400	ng	0.00
13) Acenaphthene-d10	14.662	164	11429	0.400	ng	0.00
19) Phenanthrene-d10	17.406	188	24472	0.400	ng	-0.01
29) Chrysene-d12	21.587	240	14608	0.400	ng	0.00
35) Perylene-d12	24.098	264	12207	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.560	112	3599	0.229	ng	0.00
5) Phenol-d6	7.185	99	2463	0.129	ng	0.00
8) Nitrobenzene-d5	9.230	82	6179	0.461	ng	0.01
11) 2-Methylnaphthalene-d10	12.430	152	11566	0.428	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	2347	0.555	ng	0.00
15) 2-Fluorobiphenyl	13.294	172	20096	0.462	ng	0.00
27) Fluoranthene-d10	19.435	212	25254	0.415	ng	0.00
31) Terphenyl-d14	20.020	244	22532	0.768	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.444	88	878	0.119	ng	# 72
20) 4,6-Dinitro-2-methylph...	16.847	198	9	0.026	ng	# 69
34) Bis(2-ethylhexyl)phtha...	21.444	149	1418	0.059	ng	# 97

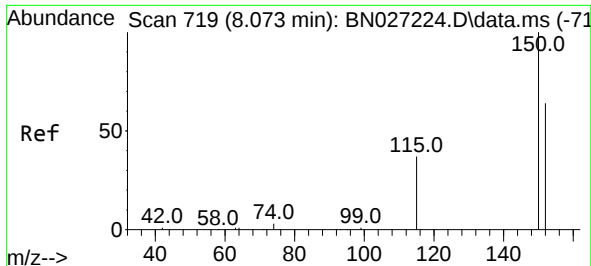
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 11 05:26:09 2023
Response via : Initial Calibration

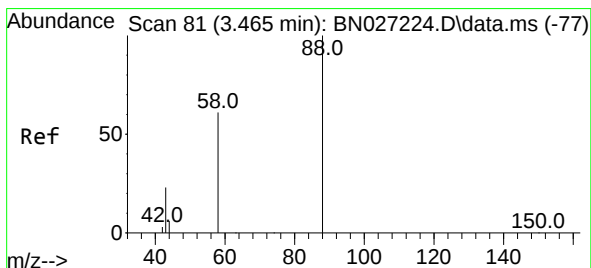
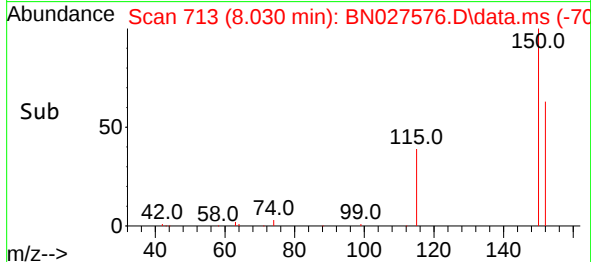
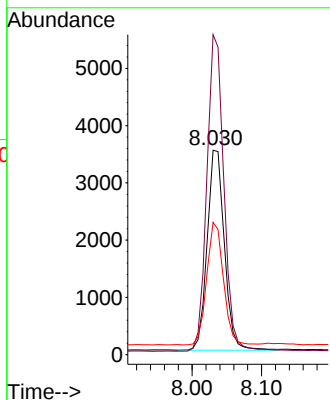
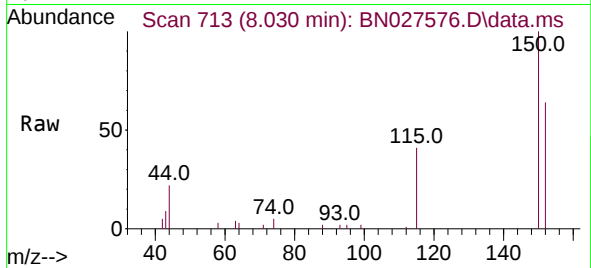




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.030 min Scan# 71
 Delta R.T. -0.007 min
 Lab File: BN027576.D
 Acq: 11 Sep 2023 14:10

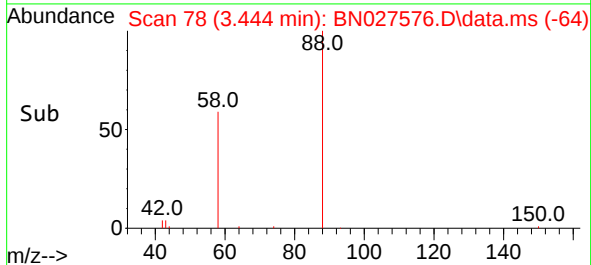
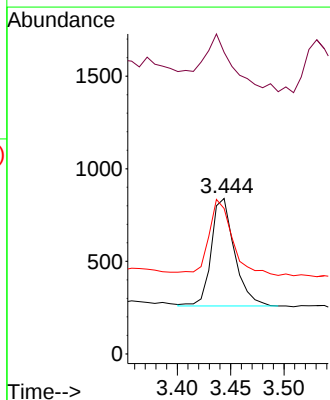
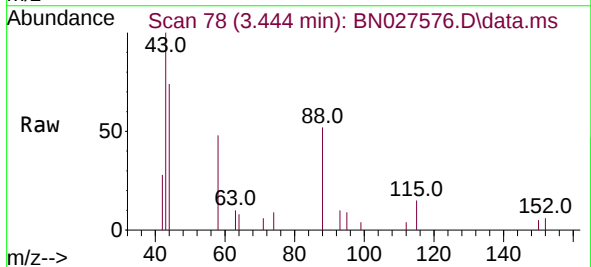
Instrument :
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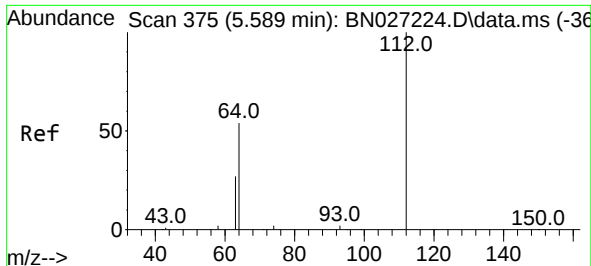
Tgt Ion:152 Resp: 6035
 Ion Ratio Lower Upper
 152 100
 150 156.5 122.7 184.1
 115 64.7 48.6 73.0



#2
 1,4-Dioxane
 Concen: 0.119 ng
 RT: 3.444 min Scan# 78
 Delta R.T. 0.000 min
 Lab File: BN027576.D
 Acq: 11 Sep 2023 14:10

Tgt Ion: 88 Resp: 878
 Ion Ratio Lower Upper
 88 100
 43 64.6 19.1 28.7#
 58 72.0 52.2 78.2





#4

2-Fluorophenol

Concen: 0.229 ng

RT: 5.560 min Scan# 31

Delta R.T. 0.000 min

Lab File: BN027576.D

Acq: 11 Sep 2023 14:10

Instrument :

BNA_N

ClientSampleId :

RW11-MW01S-20230830

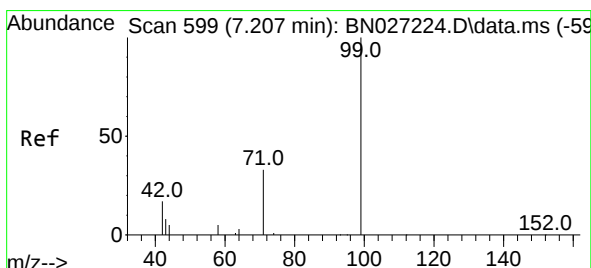
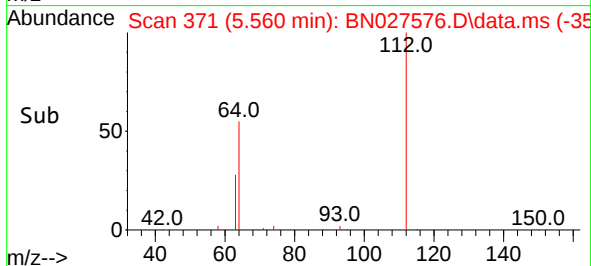
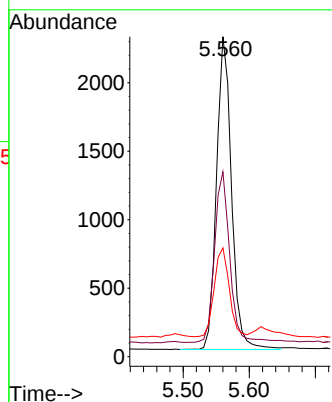
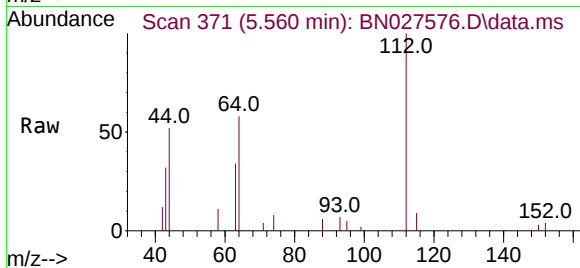
Tgt Ion:112 Resp: 3599

Ion Ratio Lower Upper

112 100

64 55.7 44.4 66.6

63 28.7 23.1 34.7



#5

Phenol-d6

Concen: 0.129 ng

RT: 7.185 min Scan# 596

Delta R.T. 0.007 min

Lab File: BN027576.D

Acq: 11 Sep 2023 14:10

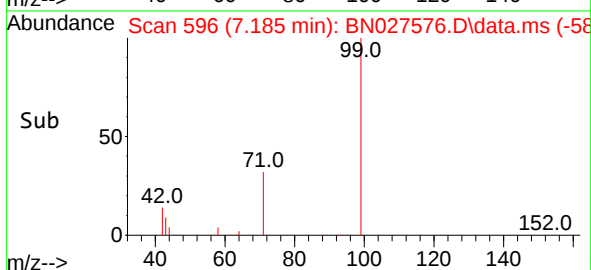
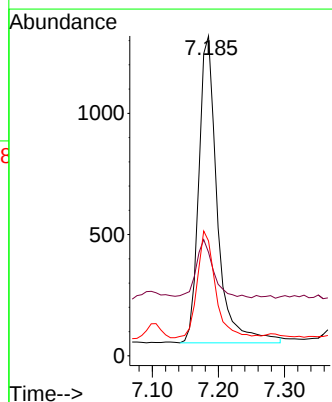
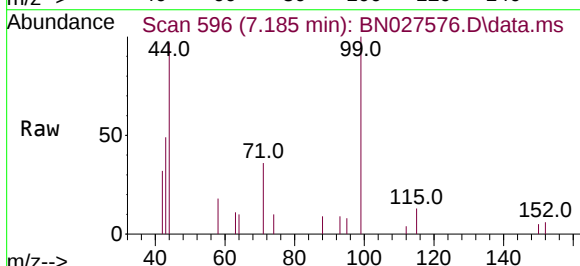
Tgt Ion: 99 Resp: 2463

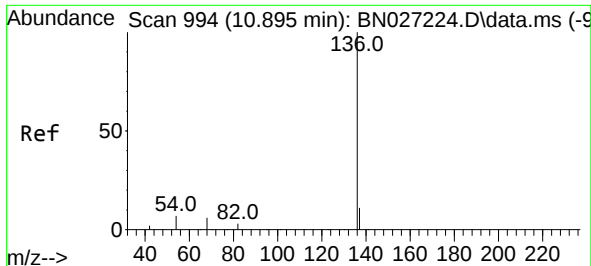
Ion Ratio Lower Upper

99 100

42 17.7 14.5 21.7

71 34.0 25.8 38.6

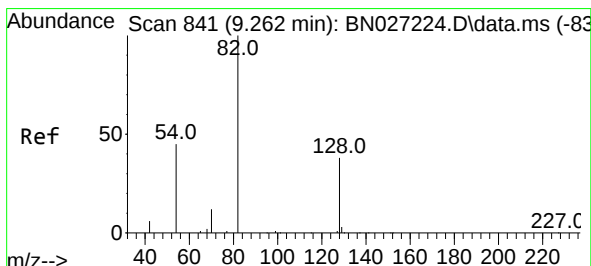
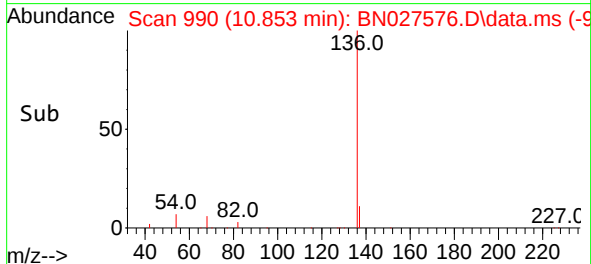
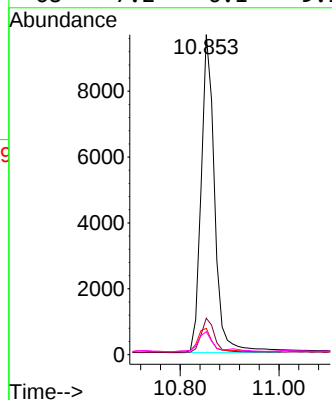
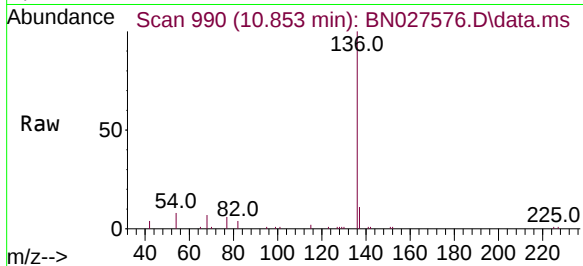




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.853 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN027576.D
Acq: 11 Sep 2023 14:10

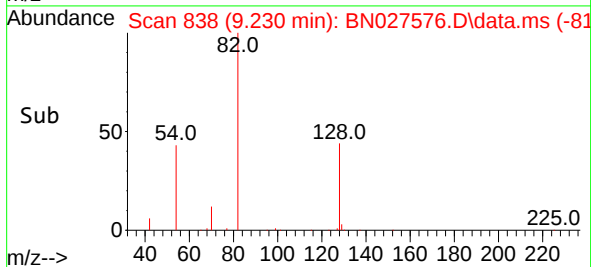
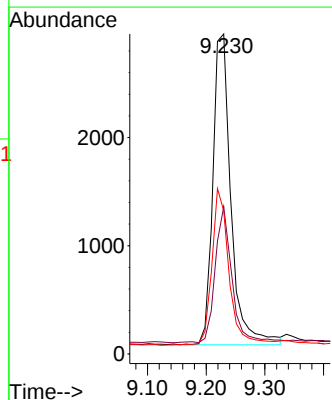
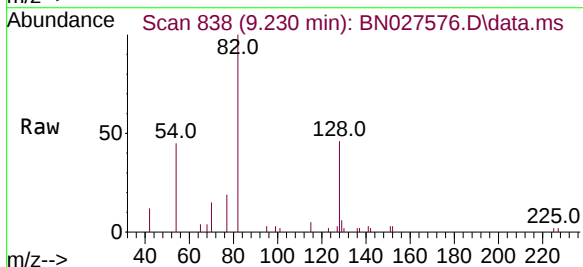
Instrument :
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RW11-MW01S-20230830

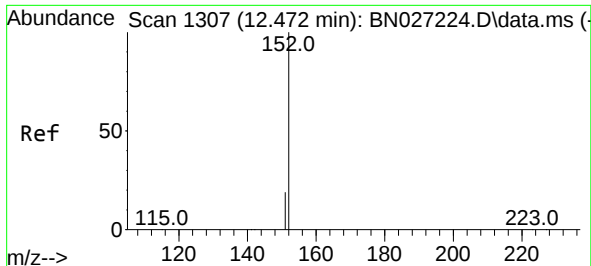
Tgt Ion:	136	Resp:	18394
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	8.2	6.7	10.1
68	7.2	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.461 ng
RT: 9.230 min Scan# 838
Delta R.T. 0.011 min
Lab File: BN027576.D
Acq: 11 Sep 2023 14:10

Tgt Ion:	82	Resp:	6179
Ion	Ratio	Lower	Upper
82	100		
128	46.0	33.4	50.0
54	44.7	37.7	56.5





#11

2-Methylnaphthalene-d10

Concen: 0.428 ng

RT: 12.430 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN027576.D

Acq: 11 Sep 2023 14:10

Instrument :

BNA_N

ClientSampleId :

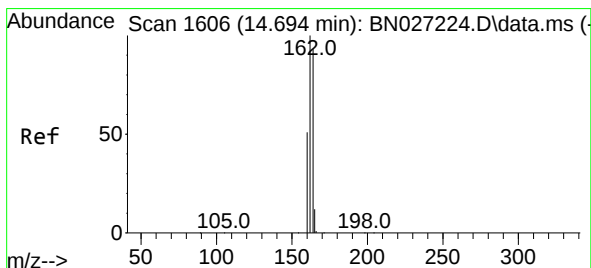
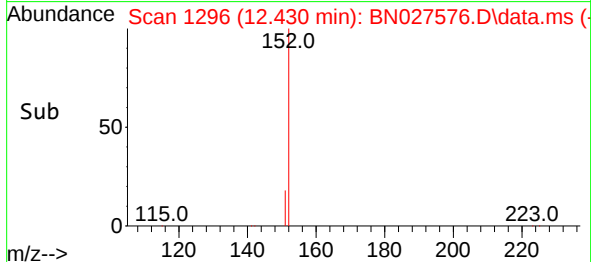
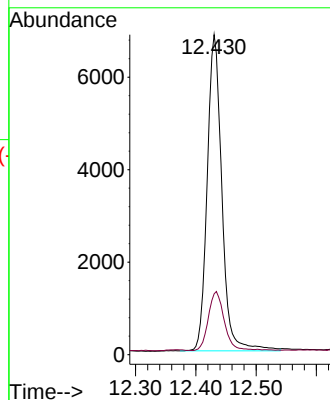
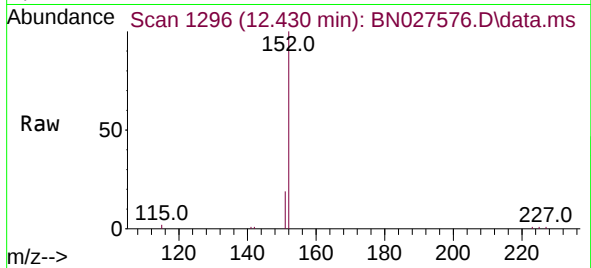
RW11-MW01S-20230830

Tgt Ion:152 Resp: 11566

Ion Ratio Lower Upper

152 100

151 20.1 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: BN027576.D

Acq: 11 Sep 2023 14:10

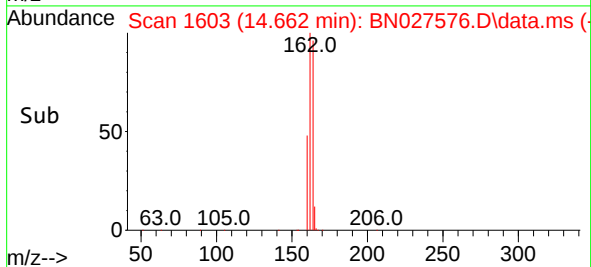
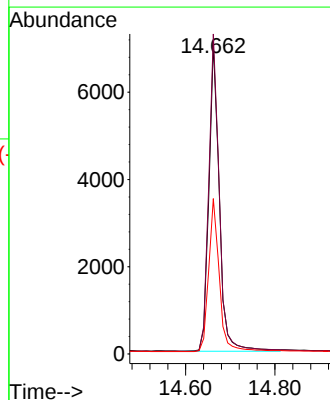
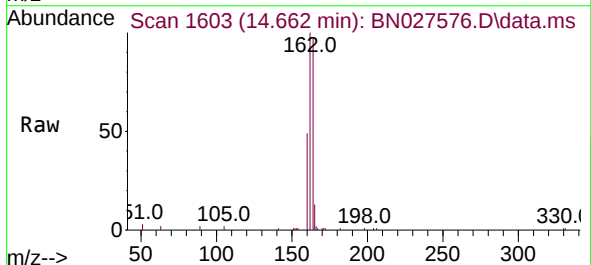
Tgt Ion:164 Resp: 11429

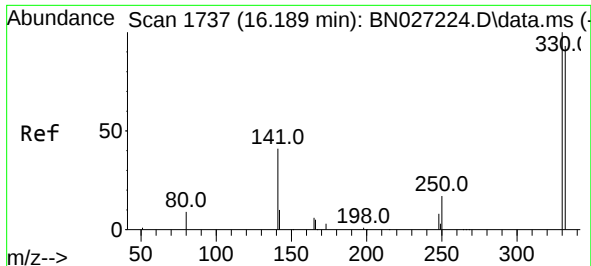
Ion Ratio Lower Upper

164 100

162 103.3 85.8 128.8

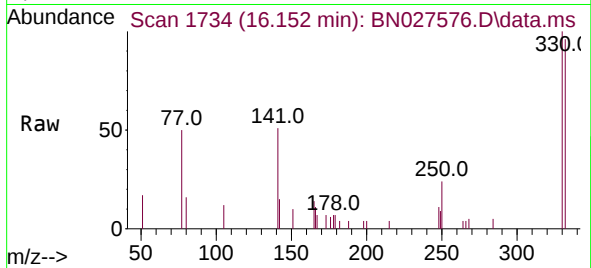
160 50.2 44.2 66.2



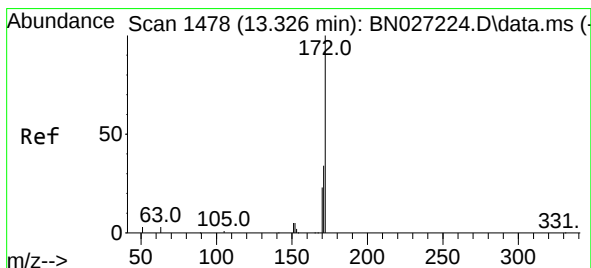
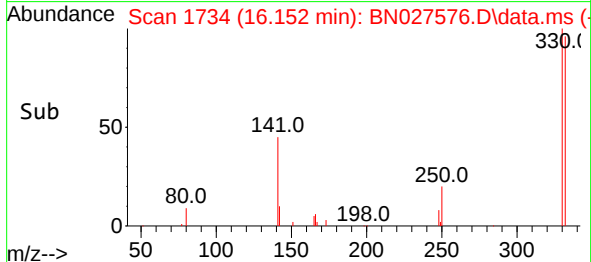
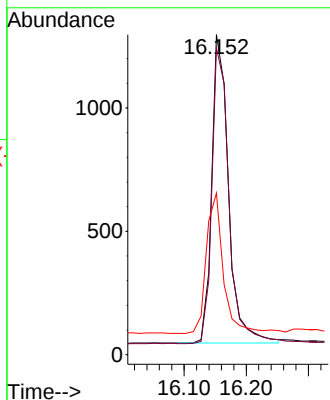


#14
2,4,6-Tribromophenol
Concen: 0.555 ng
RT: 16.152 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN027576.D
Acq: 11 Sep 2023 14:10

Instrument :
BNA_N
ClientSampleId :
RW11-MW01S-20230830

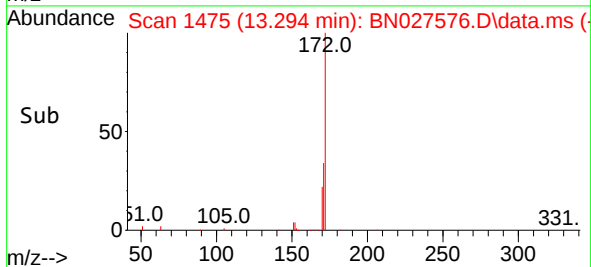
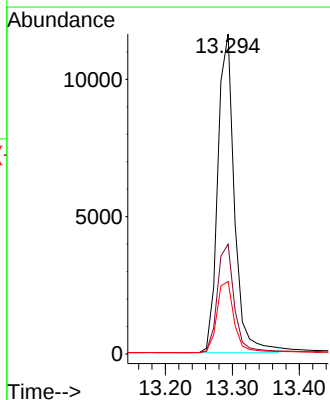
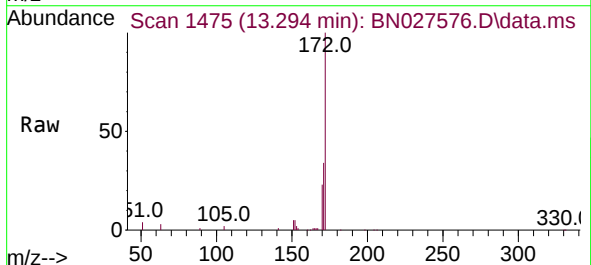


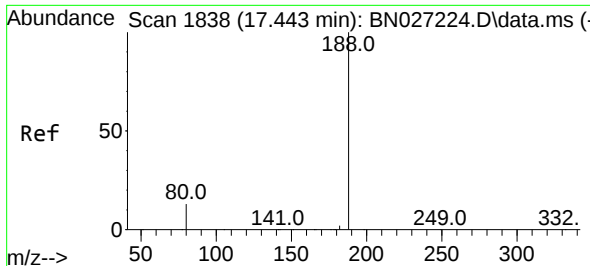
Tgt Ion:330 Resp: 2347
Ion Ratio Lower Upper
330 100
332 97.8 75.2 112.8
141 46.5 36.2 54.4



#15
2-Fluorobiphenyl
Concen: 0.462 ng
RT: 13.294 min Scan# 1475
Delta R.T. 0.000 min
Lab File: BN027576.D
Acq: 11 Sep 2023 14:10

Tgt Ion:172 Resp: 20096
Ion Ratio Lower Upper
172 100
171 34.3 27.8 41.8
170 22.7 19.3 28.9

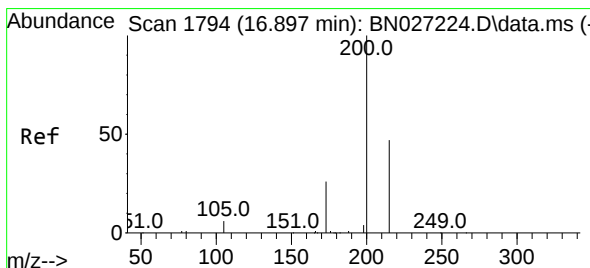
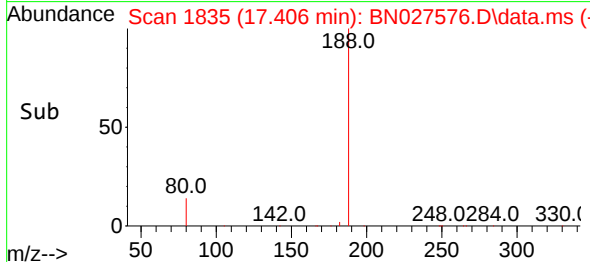
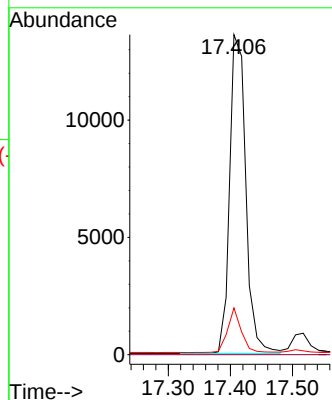
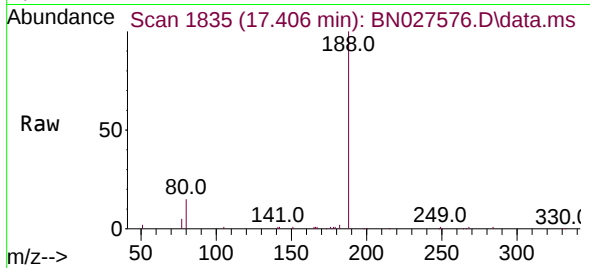




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.406 min Scan# 1835
Delta R.T. -0.012 min
Lab File: BN027576.D
Acq: 11 Sep 2023 14:10

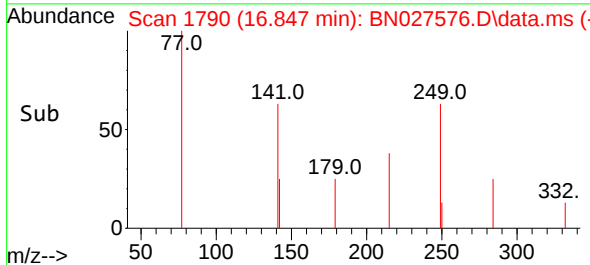
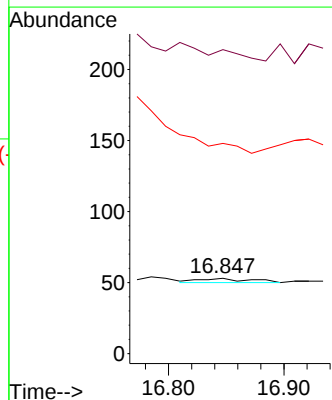
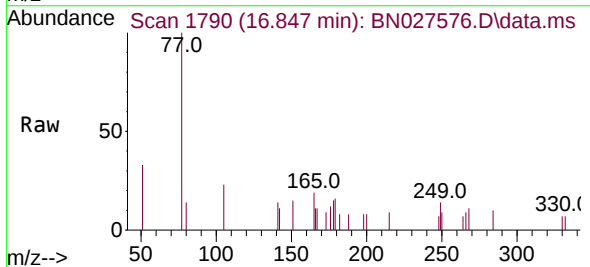
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BNA_N
ClientSampleId :
RW11-MW01S-20230830

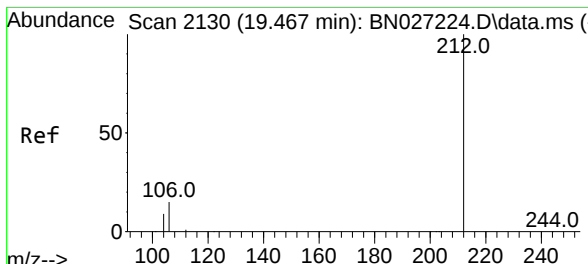
Tgt Ion:188 Resp: 24472
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.6 11.0 16.6



#20
4,6-Dinitro-2-methylphenol
Concen: 0.026 ng
RT: 16.847 min Scan# 1790
Delta R.T. -0.012 min
Lab File: BN027576.D
Acq: 11 Sep 2023 14:10

Tgt Ion:198 Resp: 9
Ion Ratio Lower Upper
198 100
51 403.8 282.2 423.2
105 279.2 168.7 253.1#

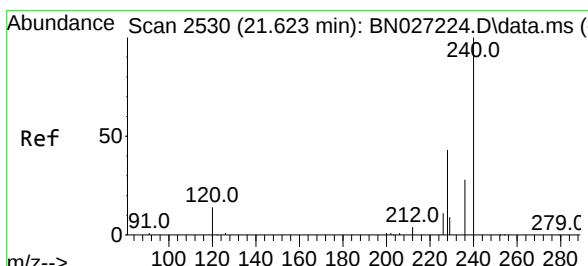
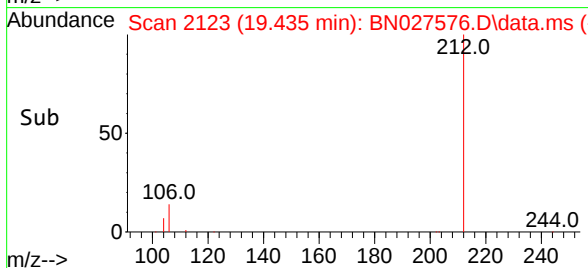
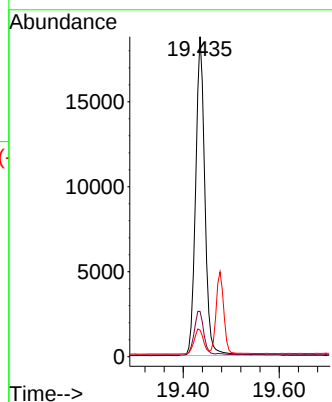
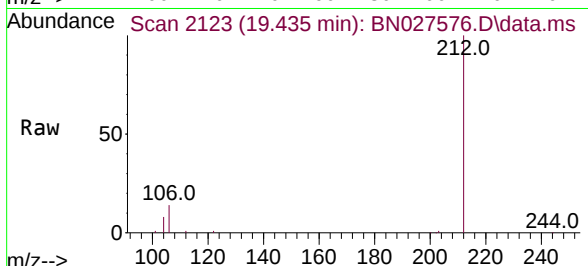




#27
Fluoranthene-d10
Concen: 0.415 ng
RT: 19.435 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BN027576.D
Acq: 11 Sep 2023 14:10

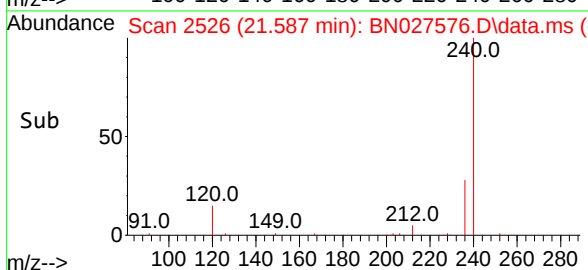
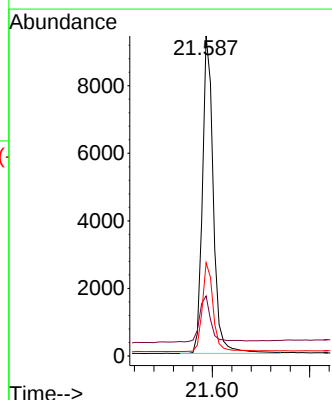
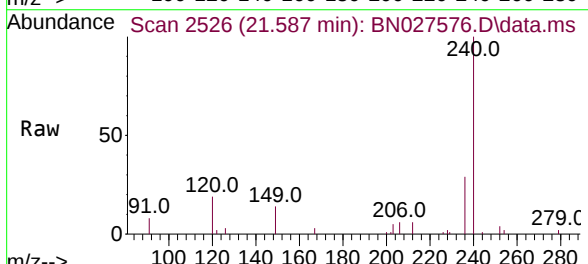
Instrument :
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RW11-MW01S-20230830

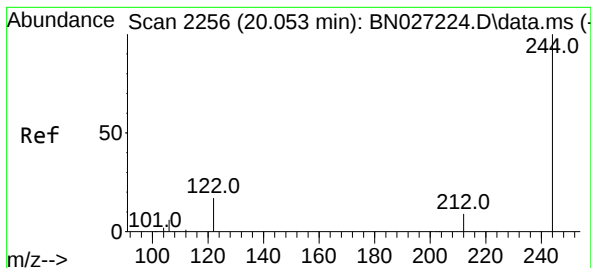
Tgt Ion:212	Resp:	25254
Ion Ratio	Lower	Upper
212	100	
106	14.1	12.1 18.1
104	7.9	6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.587 min Scan# 2526
Delta R.T. 0.000 min
Lab File: BN027576.D
Acq: 11 Sep 2023 14:10

Tgt Ion:240	Resp:	14608
Ion Ratio	Lower	Upper
240	100	
120	18.8	14.2 21.4
236	29.2	22.9 34.3





#31

Terphenyl-d14

Concen: 0.768 ng

RT: 20.020 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN027576.D

Acq: 11 Sep 2023 14:10

Instrument :

BNA_N

ClientSampleId :

RW11-MW01S-20230830

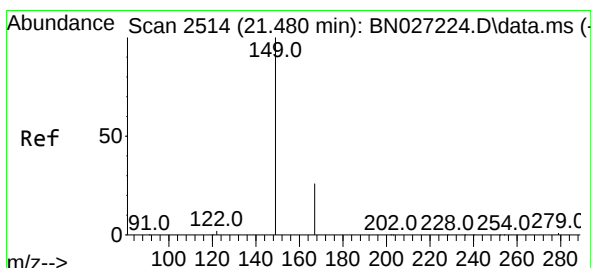
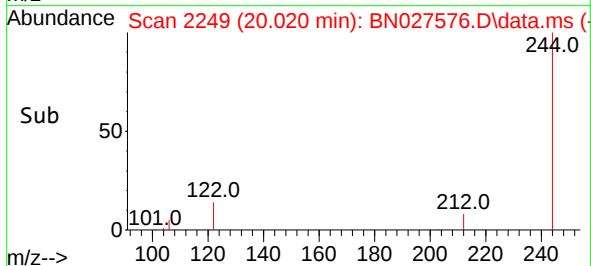
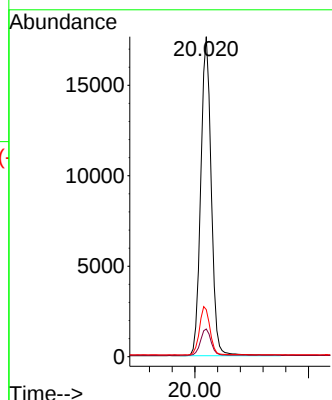
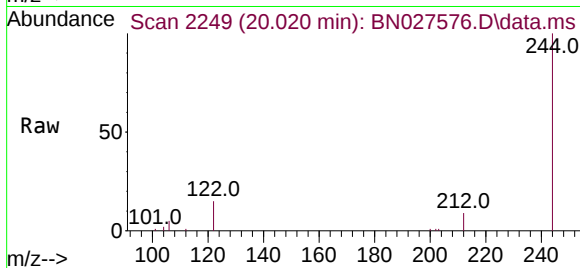
Tgt Ion:244 Resp: 22532

Ion Ratio Lower Upper

244 100

212 8.7 7.5 11.3

122 14.7 14.0 21.0



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.059 ng

RT: 21.444 min Scan# 2510

Delta R.T. 0.000 min

Lab File: BN027576.D

Acq: 11 Sep 2023 14:10

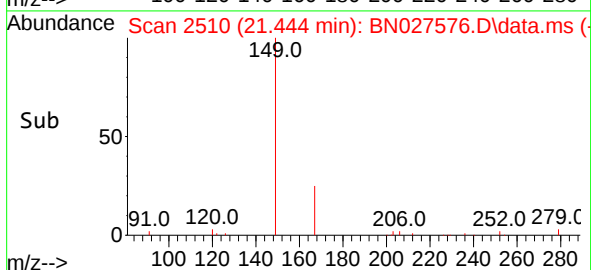
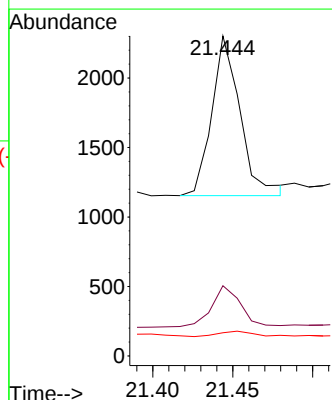
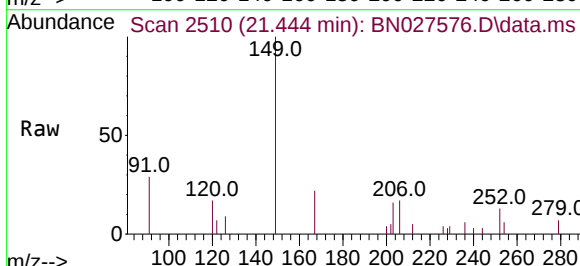
Tgt Ion:149 Resp: 1418

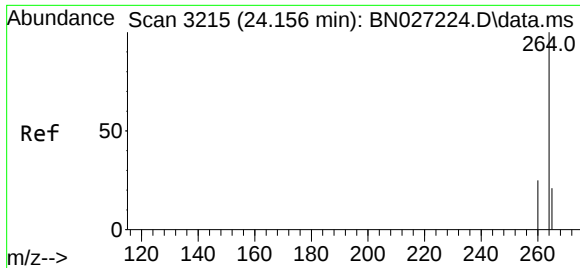
Ion Ratio Lower Upper

149 100

167 29.2 22.1 33.1

279 4.7 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: BN027576.D
 Acq: 11 Sep 2023 14:10

Instrument :
 BNA_N
 ClientSampleId :
 RW11-MW01S-20230830

Tgt Ion:264	Resp:	12207
Ion Ratio	Lower	Upper
264	100	
260	25.7	20.7 31.1
265	80.0	53.3 79.9#

