

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091423\
 Data File : BN027648.D
 Acq On : 13 Sep 2023 16:55
 Operator : MA/JU
 Sample : 04311-03DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-10B-42.5-090523DL

Quant Time: Sep 13 17:51:49 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)

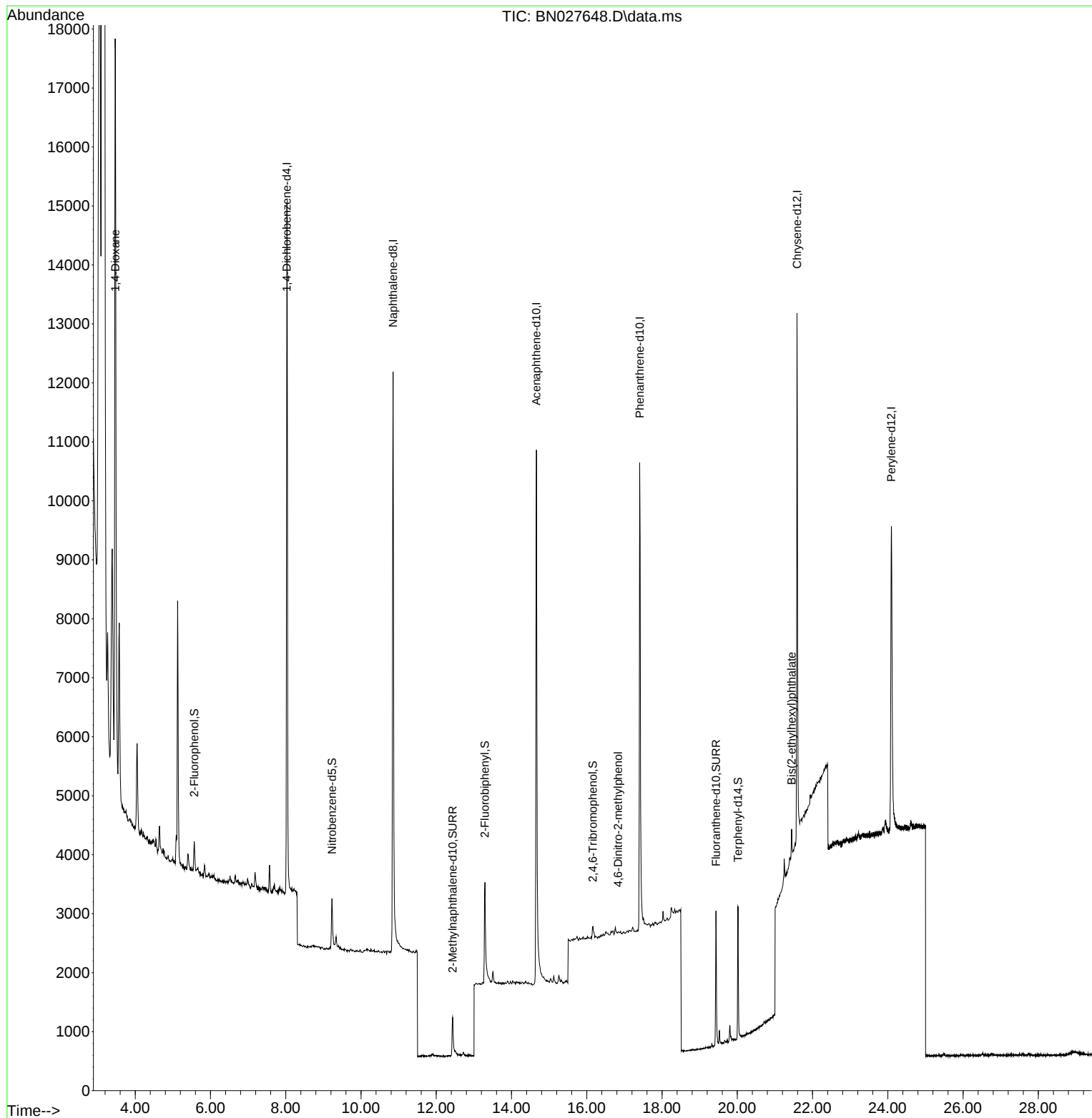
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.030	152	6362	0.400	ng	0.00
7) Naphthalene-d8	10.853	136	15598	0.400	ng	0.00
13) Acenaphthene-d10	14.662	164	7066	0.400	ng	0.00
19) Phenanthrene-d10	17.406	188	13965	0.400	ng	0.00
29) Chrysene-d12	21.587	240	9841	0.400	ng	0.00
35) Perylene-d12	24.095	264	9097	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.567	112	530	0.032	ng	0.00
5) Phenol-d6	7.185	99	310	0.015	ng	0.00
8) Nitrobenzene-d5	9.230	82	987	0.087	ng	0.00
11) 2-Methylnaphthalene-d10	12.434	152	1423	0.062	ng	0.00
14) 2,4,6-Tribromophenol	16.164	330	162	0.062	ng	0.01
15) 2-Fluorobiphenyl	13.294	172	2380	0.089	ng	0.00
27) Fluoranthene-d10	19.435	212	2802	0.081	ng	0.00
31) Terphenyl-d14	20.020	244	2475	0.125	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.473	88	13336	1.717	ng	Qvalue 94
20) 4,6-Dinitro-2-methylph...	16.835	198	6	0.030	ng	# 24
34) Bis(2-ethylhexyl)phtha...	21.444	149	514	0.032	ng	99

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

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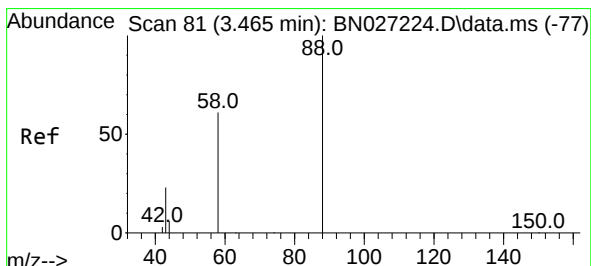
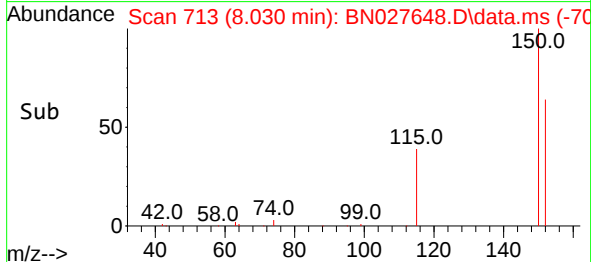
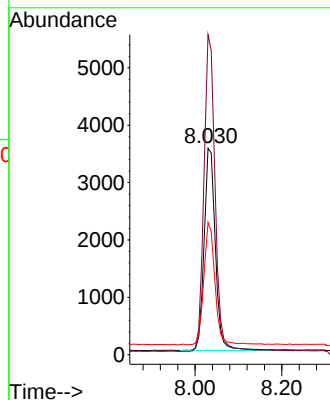
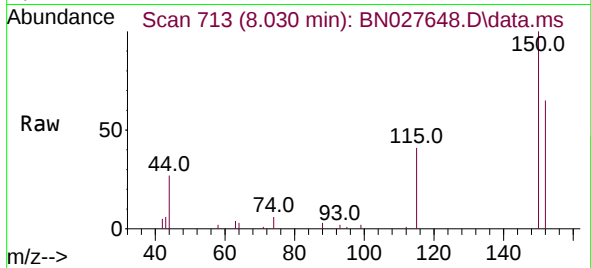




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.030 min Scan# 719
Delta R.T. -0.007 min
Lab File: BN027648.D
Acq: 13 Sep 2023 16:55

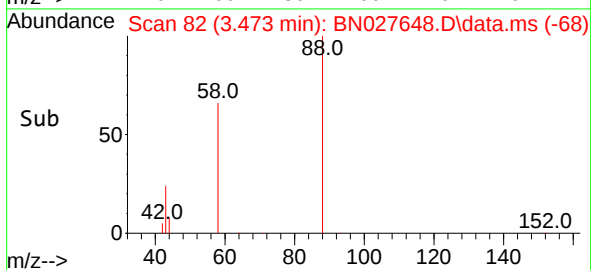
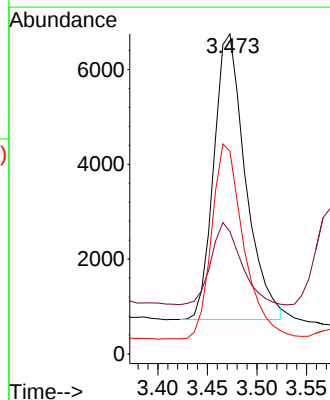
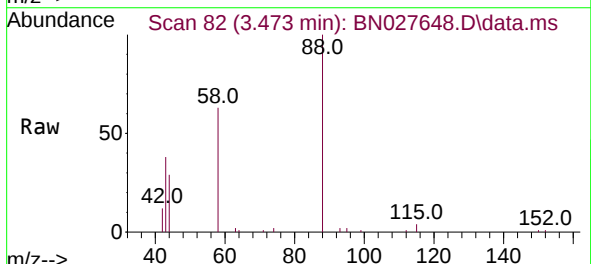
Instrument :
BNA_N
ClientSampleId :
MW-10B-42.5-090523DL

Tgt Ion:152 Resp: 6362
Ion Ratio Lower Upper
152 100
150 155.0 122.7 184.1
115 64.0 48.6 73.0



#2
1,4-Dioxane
Concen: 1.717 ng
RT: 3.473 min Scan# 82
Delta R.T. 0.000 min
Lab File: BN027648.D
Acq: 13 Sep 2023 16:55

Tgt Ion: 88 Resp: 13336
Ion Ratio Lower Upper
88 100
43 27.4 19.1 28.7
58 69.1 52.2 78.2





#4

2-Fluorophenol

Concen: 0.032 ng

RT: 5.567 min Scan# 31

Delta R.T. -0.007 min

Lab File: BN027648.D

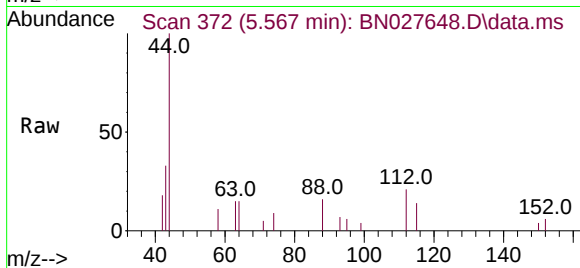
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Instrument :

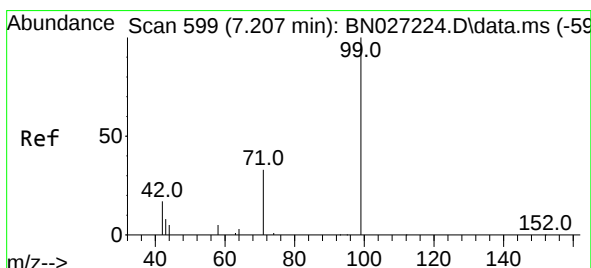
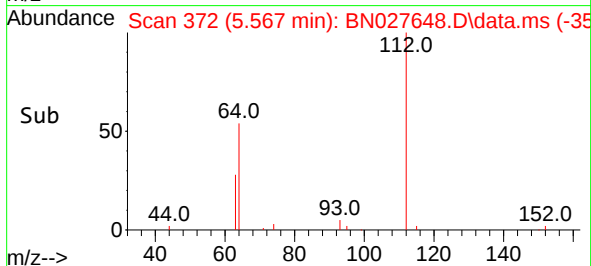
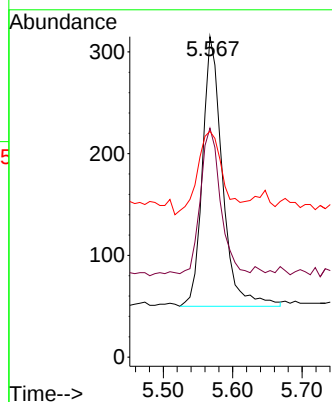
BNA_N

ClientSampleId :

MW-10B-42.5-090523DL



Tgt Ion:	112	Resp:	530
Ion	Ratio	Lower	Upper
112	100		
64	55.3	44.4	66.6
63	38.7	23.1	34.7



#5

Phenol-d6

Concen: 0.015 ng

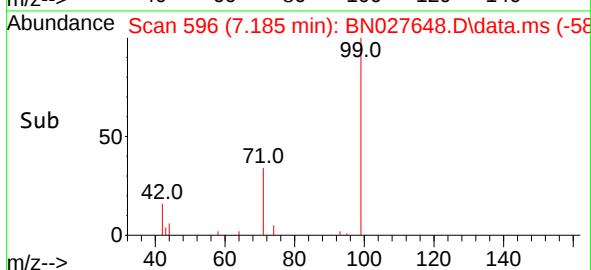
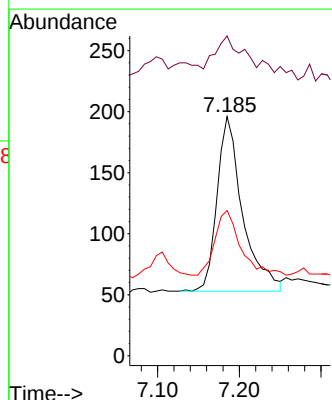
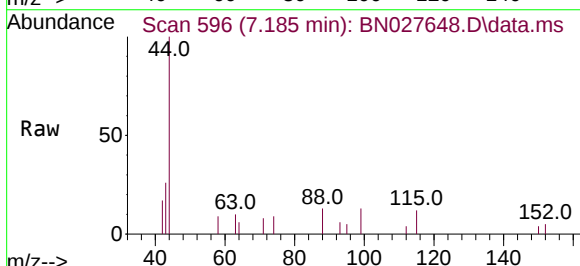
RT: 7.185 min Scan# 596

Delta R.T. 0.000 min

Lab File: BN027648.D

Acq: 13 Sep 2023 16:55

Tgt Ion:	99	Resp:	310
Ion	Ratio	Lower	Upper
99	100		
42	37.4	14.5	21.7
71	37.1	25.8	38.6

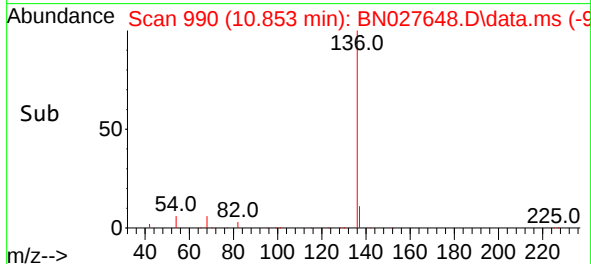
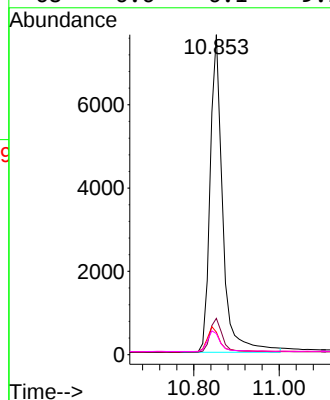
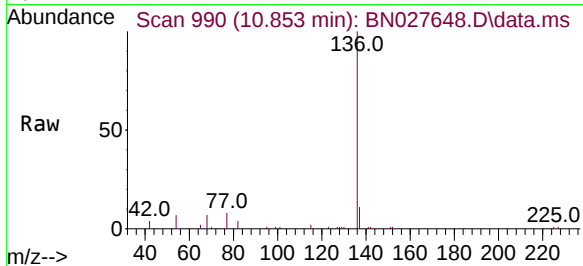




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.853 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN027648.D
Acq: 13 Sep 2023 16:55

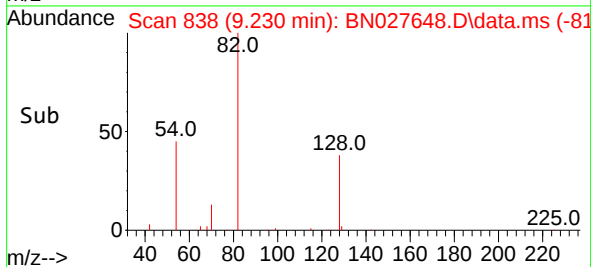
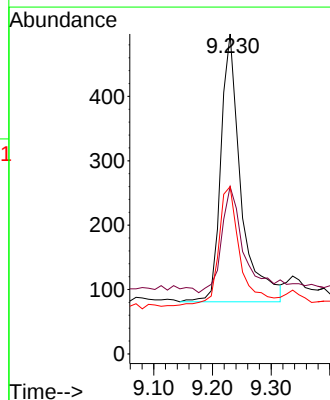
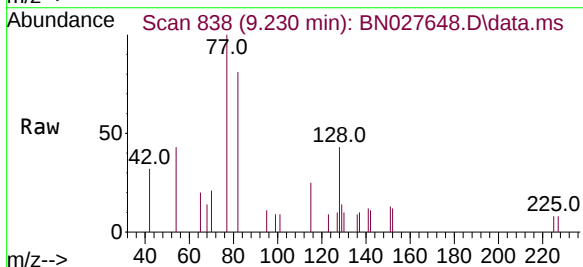
Instrument :
BNA_N
ClientSampleId :
MW-10B-42.5-090523DL

Tgt Ion:	136	Resp:	15598
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.3	13.9
54	7.0	6.7	10.1
68	6.6	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.087 ng
RT: 9.230 min Scan# 838
Delta R.T. 0.000 min
Lab File: BN027648.D
Acq: 13 Sep 2023 16:55

Tgt Ion:	82	Resp:	987
Ion Ratio	Lower	Upper	
82	100		
128	52.3	33.4	50.0#
54	52.3	37.7	56.5





#11

2-Methylnaphthalene-d10

Concen: 0.062 ng

RT: 12.434 min Scan# 11

Delta R.T. 0.004 min

Lab File: BN027648.D

Acq: 13 Sep 2023 16:55

Instrument :

BNA_N

ClientSampleId :

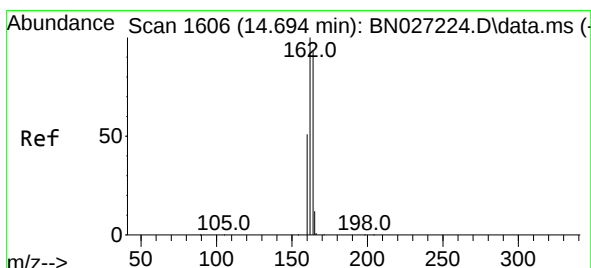
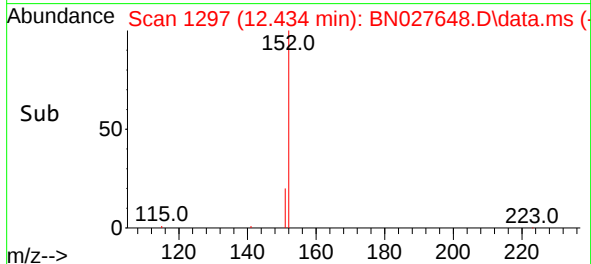
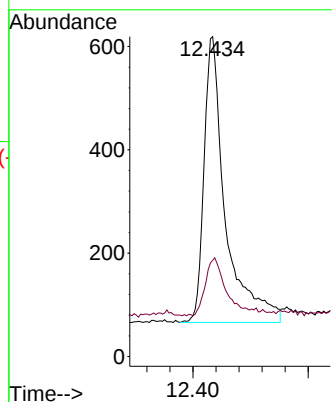
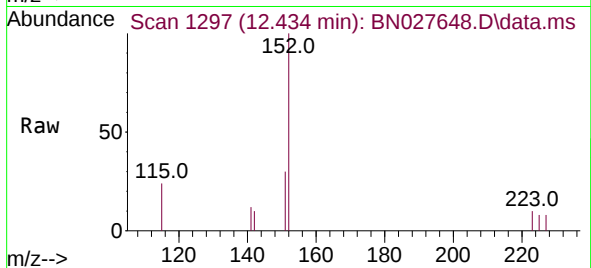
MW-10B-42.5-090523DL

Tgt Ion:152 Resp: 1423

Ion Ratio Lower Upper

152 100

151 19.3 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: BN027648.D

Acq: 13 Sep 2023 16:55

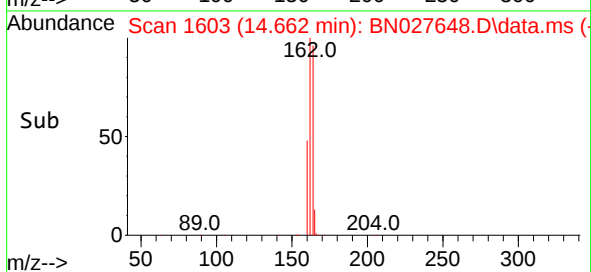
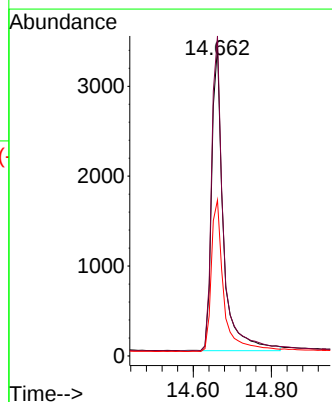
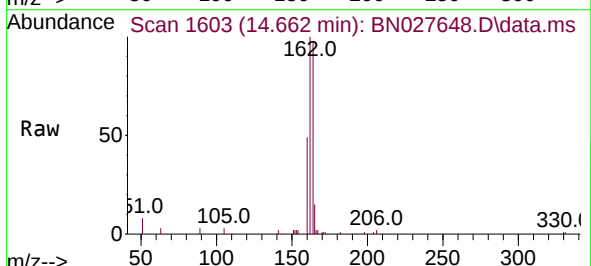
Tgt Ion:164 Resp: 7066

Ion Ratio Lower Upper

164 100

162 103.6 85.8 128.8

160 50.4 44.2 66.2

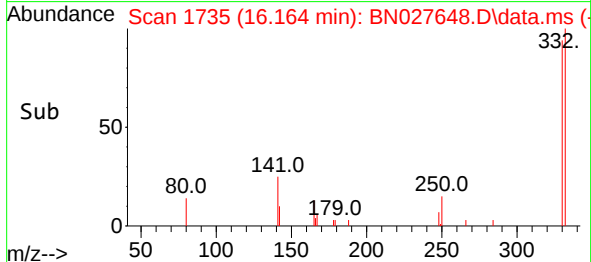
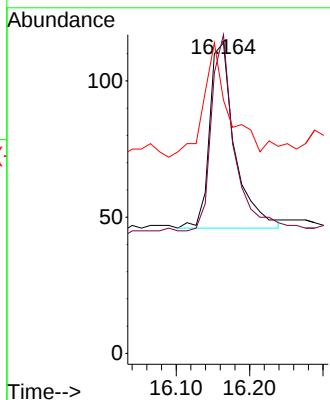
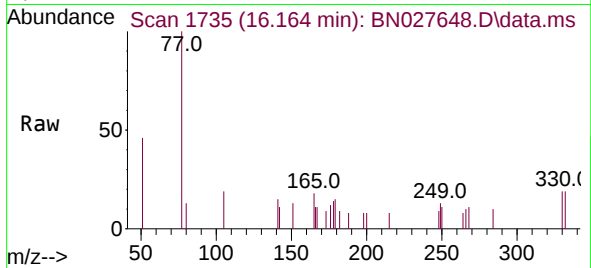




#14
2,4,6-Tribromophenol
Concen: 0.062 ng
RT: 16.164 min Scan# 11
Delta R.T. 0.013 min
Lab File: BN027648.D
Acq: 13 Sep 2023 16:55

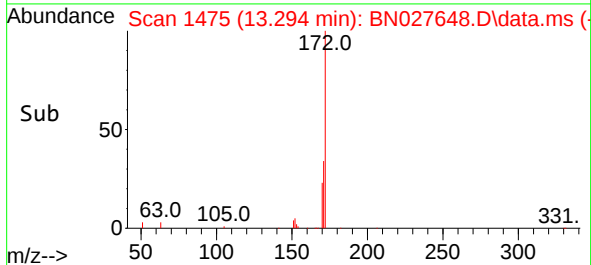
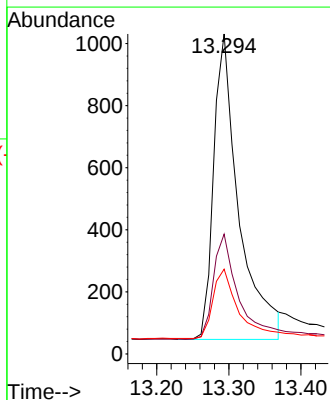
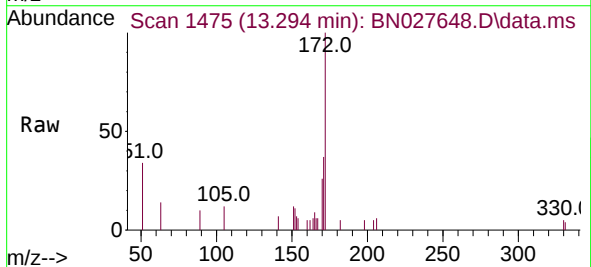
Instrument :
BNA_N
ClientSampleId :
MW-10B-42.5-090523DL

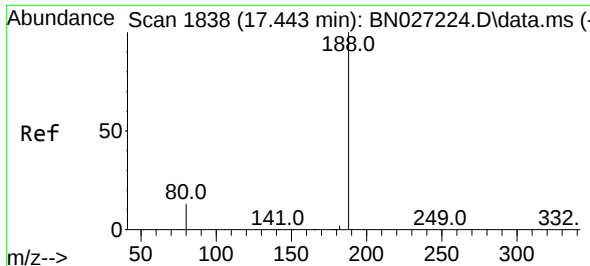
Tgt Ion:330 Resp: 162
Ion Ratio Lower Upper
330 100
332 97.5 75.2 112.8
141 66.0 36.2 54.4#



#15
2-Fluorobiphenyl
Concen: 0.089 ng
RT: 13.294 min Scan# 1475
Delta R.T. 0.000 min
Lab File: BN027648.D
Acq: 13 Sep 2023 16:55

Tgt Ion:172 Resp: 2380
Ion Ratio Lower Upper
172 100
171 37.4 27.8 41.8
170 26.5 19.3 28.9

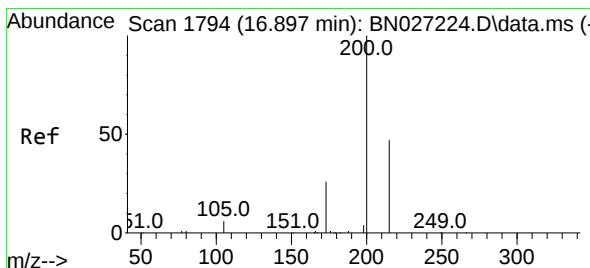
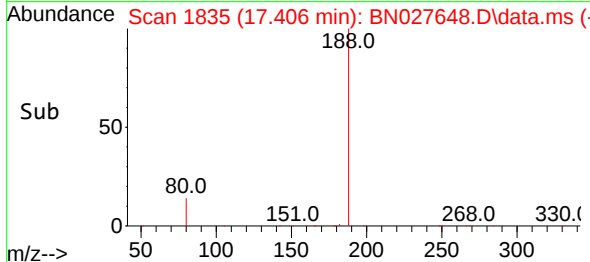
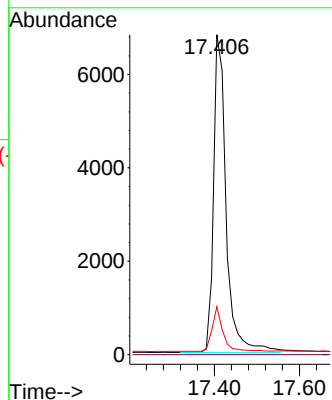
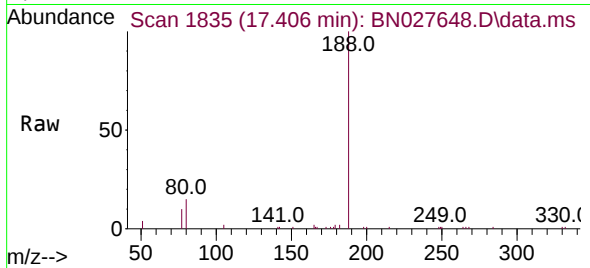




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.406 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BN027648.D
Acq: 13 Sep 2023 16:55

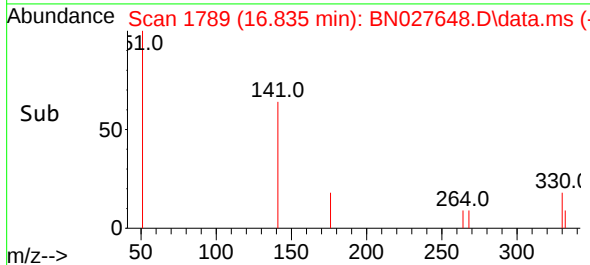
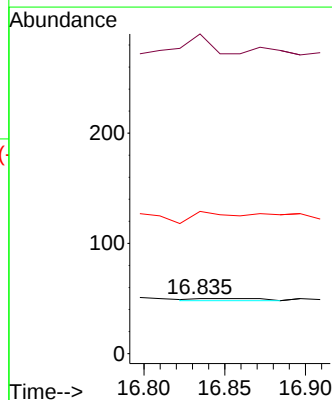
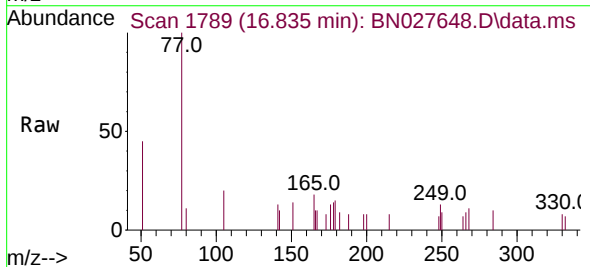
Instrument :
BNA_N
ClientSampleId :
MW-10B-42.5-090523DL

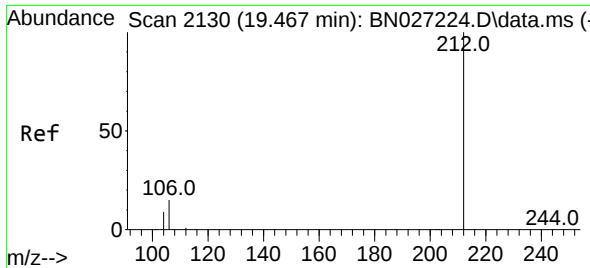
Tgt Ion:188 Resp: 13965
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.0 11.0 16.6



#20
4,6-Dinitro-2-methylphenol
Concen: 0.030 ng
RT: 16.835 min Scan# 1789
Delta R.T. -0.025 min
Lab File: BN027648.D
Acq: 13 Sep 2023 16:55

Tgt Ion:198 Resp: 6
Ion Ratio Lower Upper
198 100
51 580.0 282.2 423.2#
105 258.0 168.7 253.1#

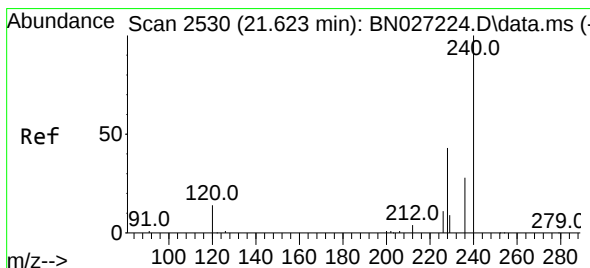
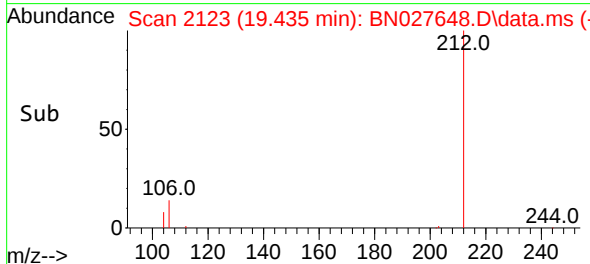
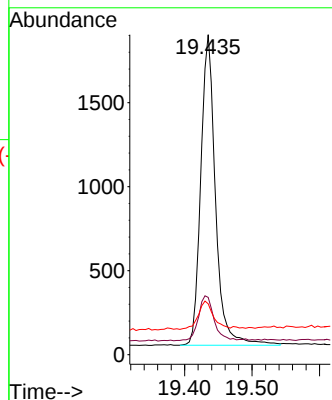
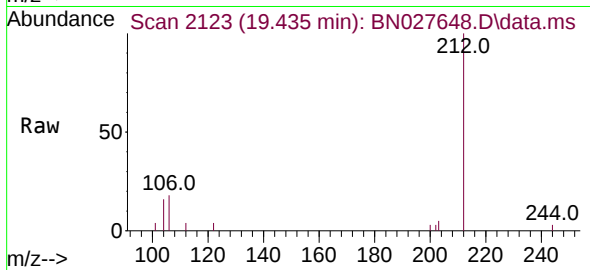




#27
Fluoranthene-d10
Concen: 0.081 ng
RT: 19.435 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BN027648.D
Acq: 13 Sep 2023 16:55

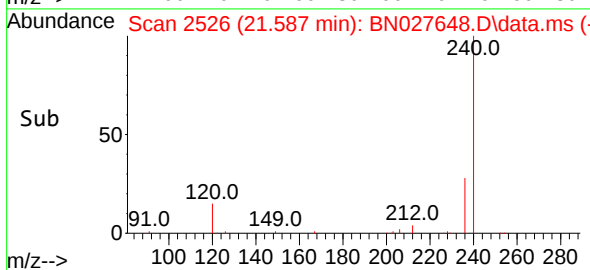
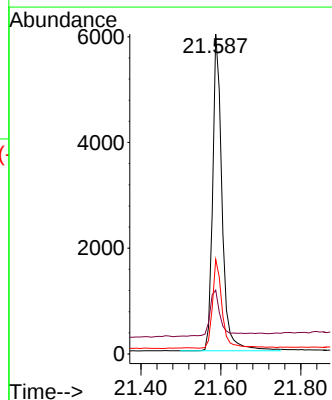
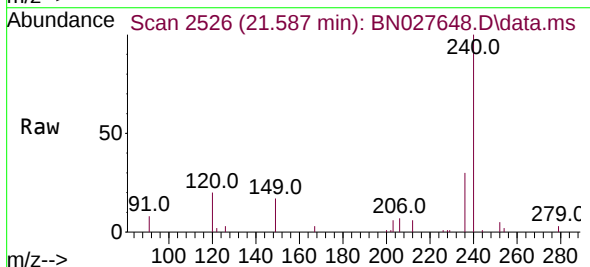
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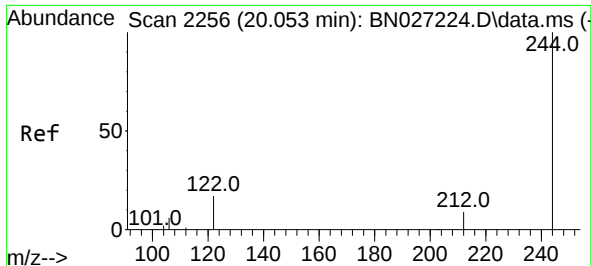
Tgt Ion:212 Resp: 2802
Ion Ratio Lower Upper
212 100
106 15.3 12.1 18.1
104 9.3 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.587 min Scan# 2526
Delta R.T. 0.000 min
Lab File: BN027648.D
Acq: 13 Sep 2023 16:55

Tgt Ion:240 Resp: 9841
Ion Ratio Lower Upper
240 100
120 19.9 14.2 21.4
236 29.5 22.9 34.3

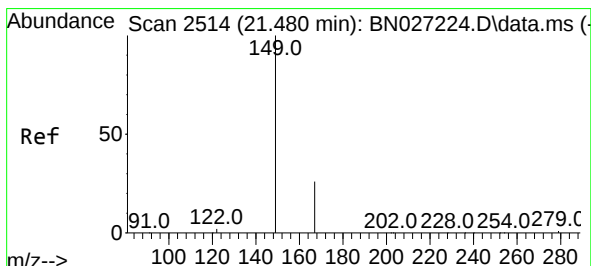
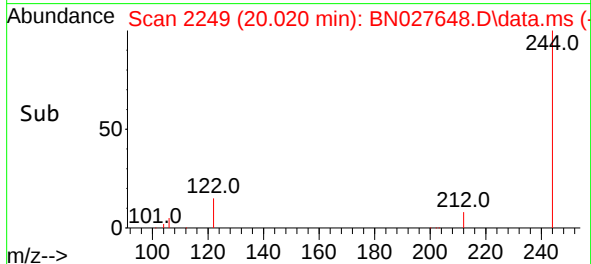
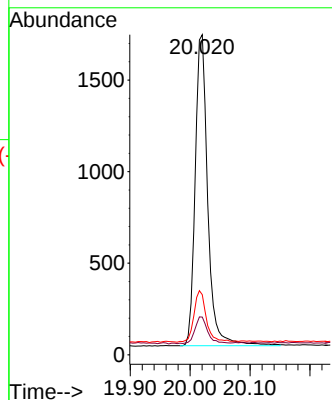
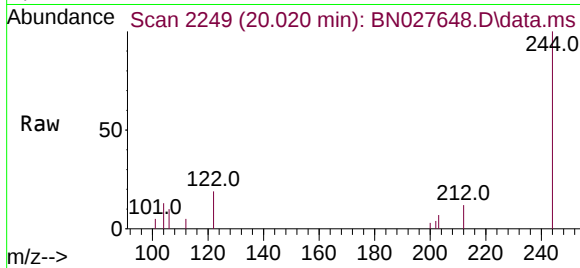




#31
 Terphenyl-d14
 Concen: 0.125 ng
 RT: 20.020 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN027648.D
 Acq: 13 Sep 2023 16:55

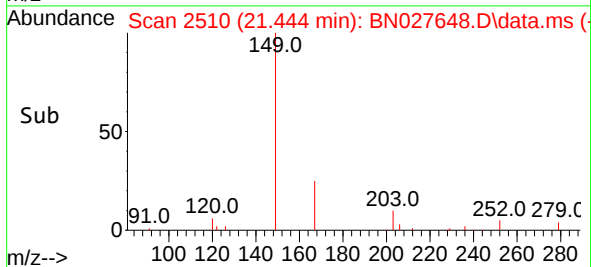
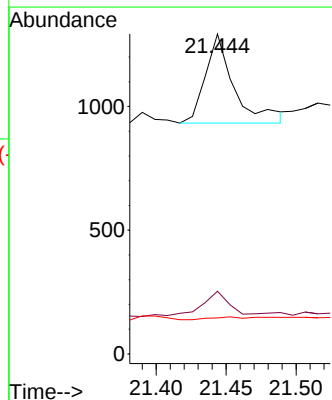
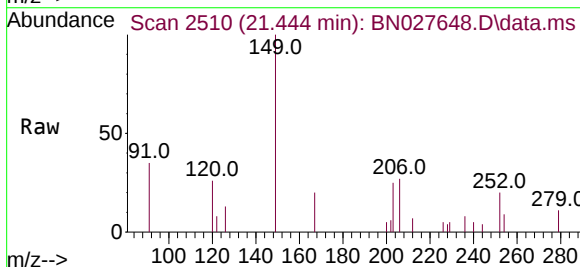
Instrument :
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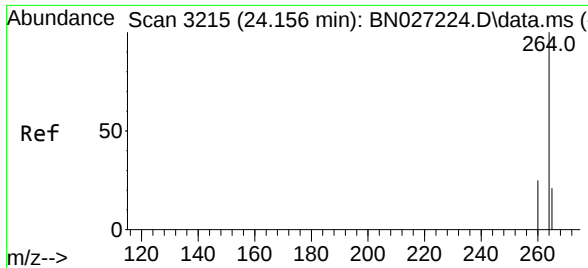
Tgt Ion:244 Resp: 2475
 Ion Ratio Lower Upper
 244 100
 212 11.8 7.5 11.3#
 122 18.8 14.0 21.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.032 ng
 RT: 21.444 min Scan# 2510
 Delta R.T. 0.000 min
 Lab File: BN027648.D
 Acq: 13 Sep 2023 16:55

Tgt Ion:149 Resp: 514
 Ion Ratio Lower Upper
 149 100
 167 28.2 22.1 33.1
 279 3.3 2.7 4.1





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.095 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BN027648.D
 Acq: 13 Sep 2023 16:55

Instrument :
 BNA_N
 ClientSampleId :
 MW-10B-42.5-090523DL

Tgt Ion:264	Resp:	9097
Ion	Ratio	Lower Upper
264	100	
260	26.8	20.7 31.1
265	94.1	53.3 79.9

