

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091423\
 Data File : BN027668.D
 Acq On : 14 Sep 2023 06:32
 Operator : MA/JU
 Sample : 04287-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-11B-37.5-090123

Quant Time: Sep 14 07:46:12 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)

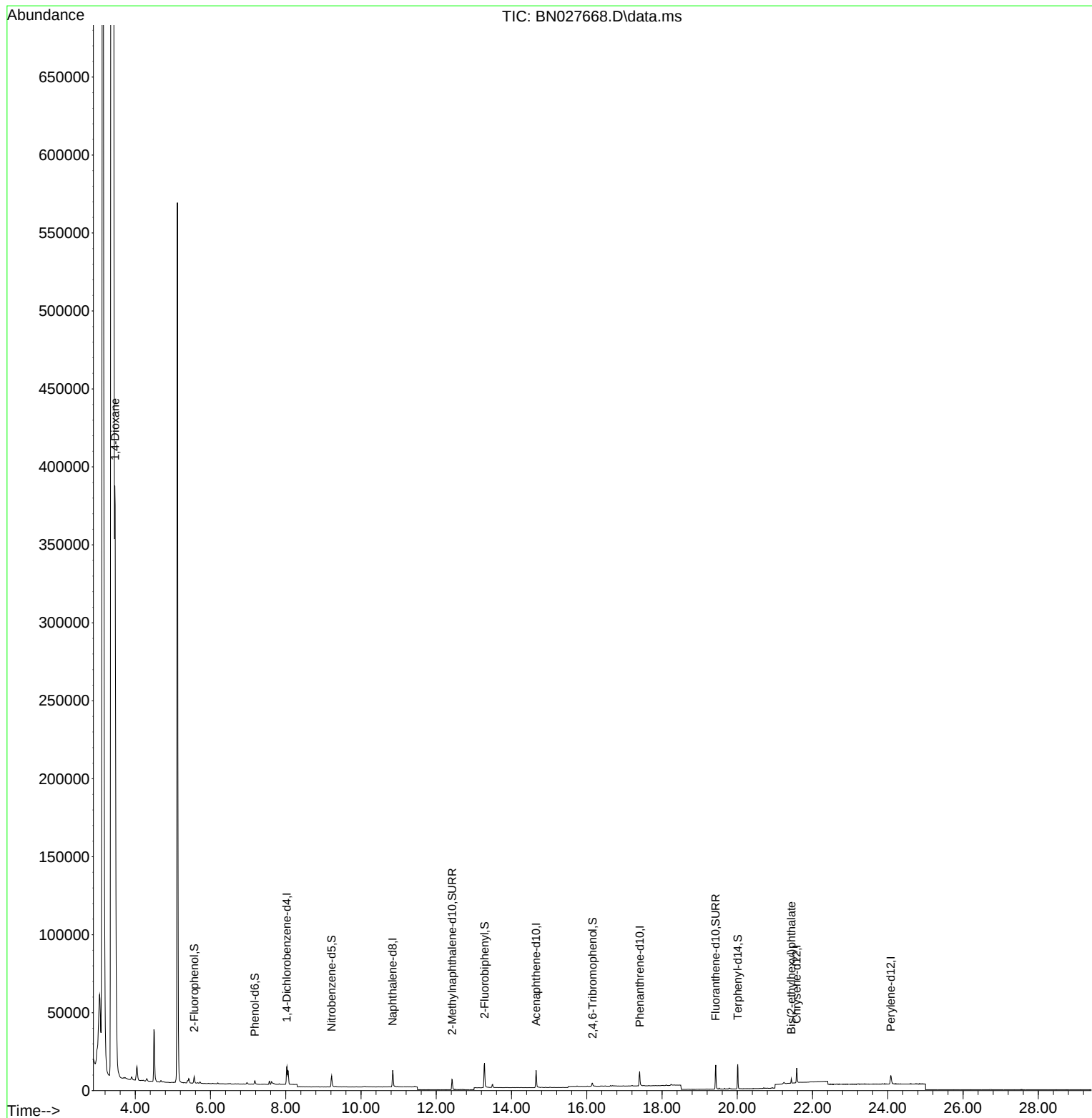
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.030	152	5890	0.400	ng	0.00
7) Naphthalene-d8	10.842	136	15251	0.400	ng	-0.01
13) Acenaphthene-d10	14.651	164	6827	0.400	ng	-0.01
19) Phenanthrene-d10	17.406	188	13995	0.400	ng	# 0.00
29) Chrysene-d12	21.578	240	10055	0.400	ng	0.00
35) Perylene-d12	24.080	264	8761	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.567	112	3980	0.259	ng	0.00
5) Phenol-d6	7.178	99	2542	0.136	ng	0.00
8) Nitrobenzene-d5	9.219	82	6458	0.581	ng	-0.01
11) 2-Methylnaphthalene-d10	12.419	152	9715	0.434	ng	-0.01
14) 2,4,6-Tribromophenol	16.152	330	1401	0.554	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	16163	0.623	ng	-0.01
27) Fluoranthene-d10	19.425	212	17739	0.510	ng	0.00
31) Terphenyl-d14	20.011	244	15077	0.746	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.466	88	271068	37.698	ng	# 95
34) Bis(2-ethylhexyl)phtha...	21.435	149	2635	0.158	ng	98

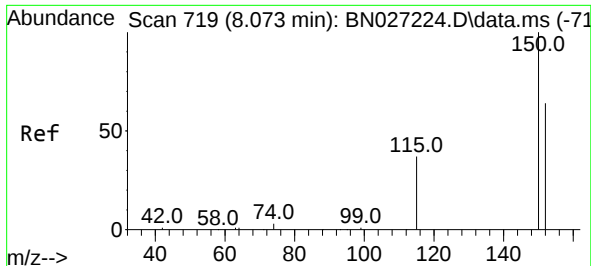
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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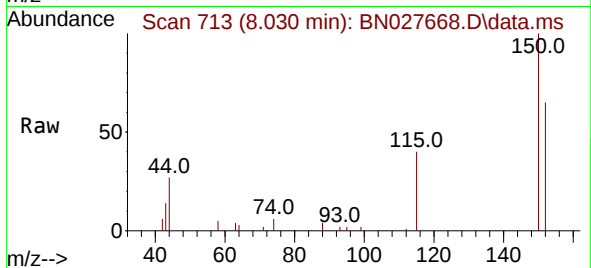
Quant Time: Sep 14 07:46:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
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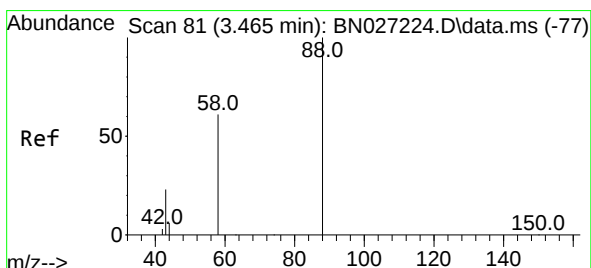
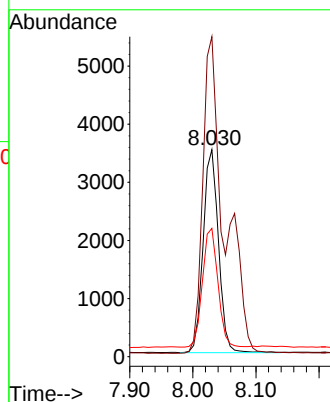
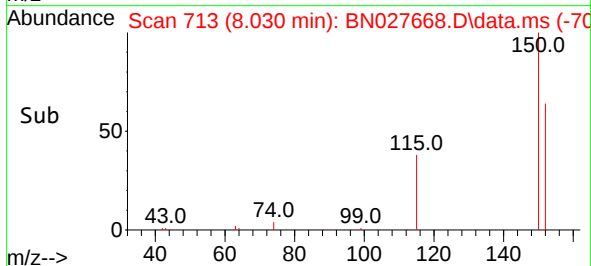


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.030 min Scan# 719
 Delta R.T. -0.007 min
 Lab File: BN027668.D
 Acq: 14 Sep 2023 06:32

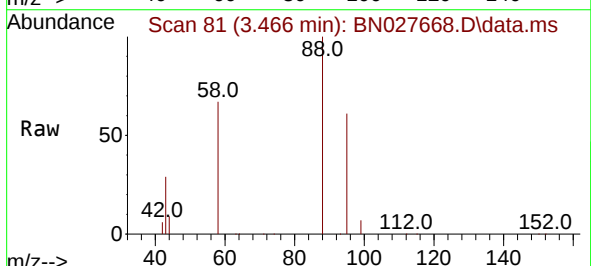
Instrument :
 BNA_N
 ClientSampleId :
 MW-11B-37.5-090123



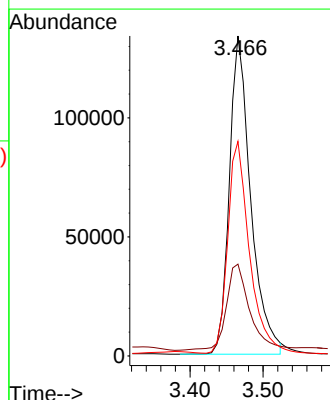
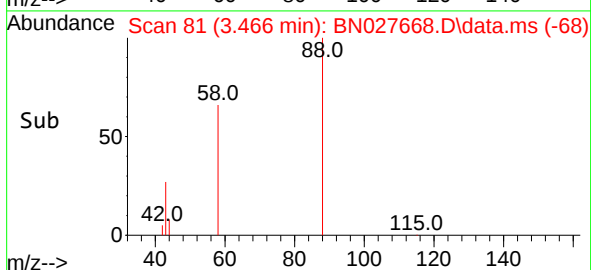
Tgt Ion: 152 Resp: 5890
 Ion Ratio Lower Upper
 152 100
 150 154.5 122.7 184.1
 115 62.0 48.6 73.0

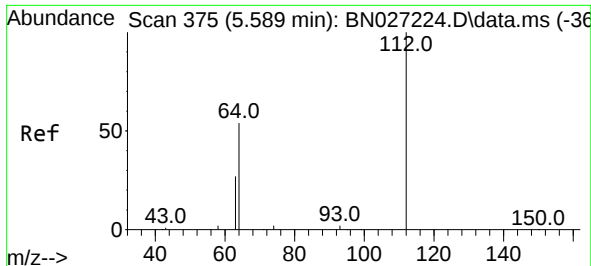


#2
 1,4-Dioxane
 Concen: 37.698 ng
 RT: 3.466 min Scan# 81
 Delta R.T. -0.007 min
 Lab File: BN027668.D
 Acq: 14 Sep 2023 06:32



Tgt Ion: 88 Resp: 271068
 Ion Ratio Lower Upper
 88 100
 43 29.3 19.1 28.7#
 58 67.1 52.2 78.2





#4

2-Fluorophenol

Concen: 0.259 ng

RT: 5.567 min Scan# 31

Delta R.T. -0.007 min

Lab File: BN027668.D

Acq: 14 Sep 2023 06:32

Instrument :

BNA_N

ClientSampleId :

MW-11B-37.5-090123

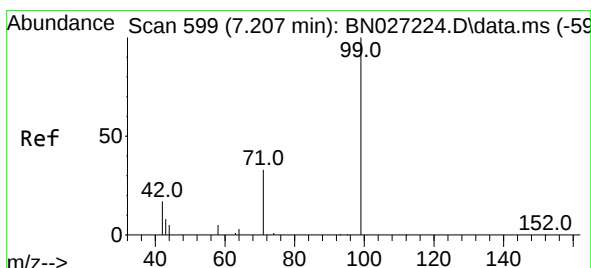
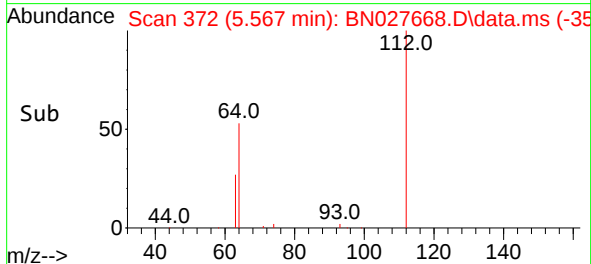
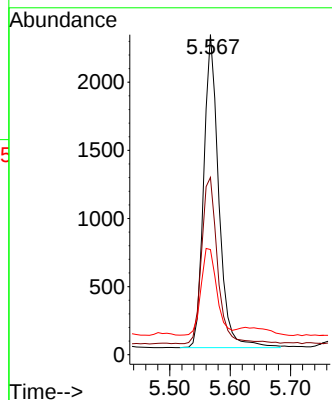
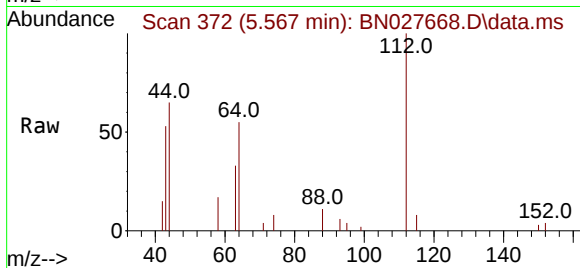
Tgt Ion:112 Resp: 3980

Ion Ratio Lower Upper

112 100

64 56.5 44.4 66.6

63 28.9 23.1 34.7



#5

Phenol-d6

Concen: 0.136 ng

RT: 7.178 min Scan# 595

Delta R.T. -0.007 min

Lab File: BN027668.D

Acq: 14 Sep 2023 06:32

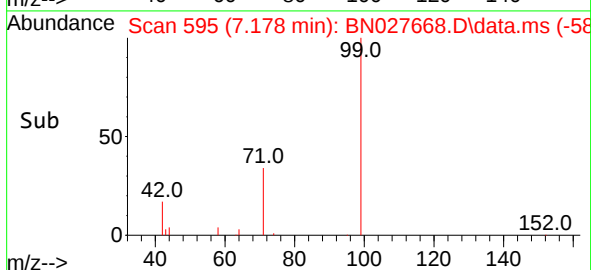
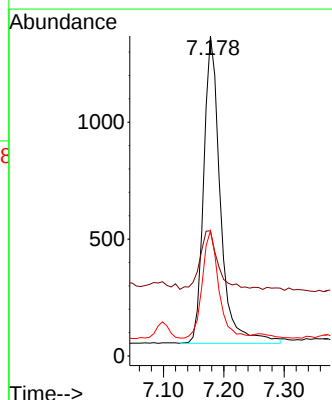
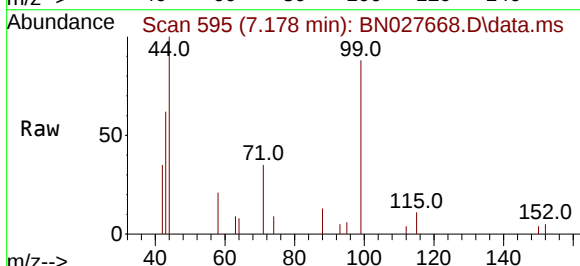
Tgt Ion: 99 Resp: 2542

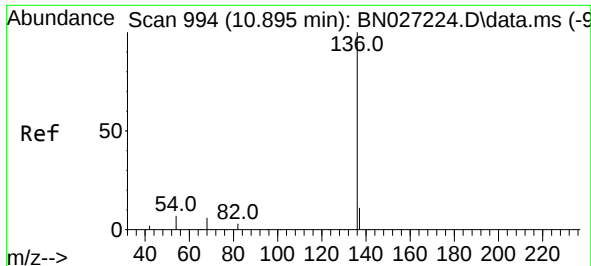
Ion Ratio Lower Upper

99 100

42 21.0 14.5 21.7

71 33.9 25.8 38.6

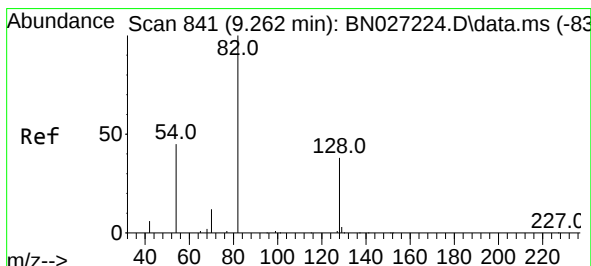
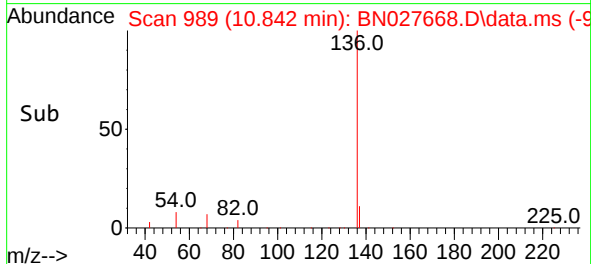
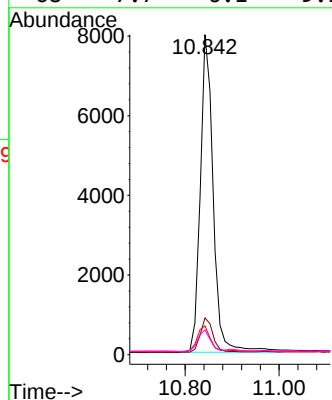
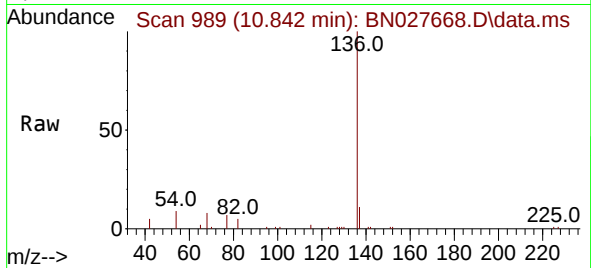




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.842 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN027668.D
Acq: 14 Sep 2023 06:32

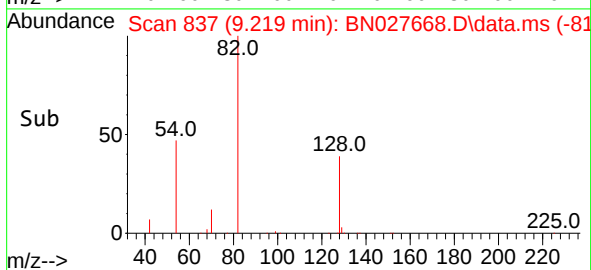
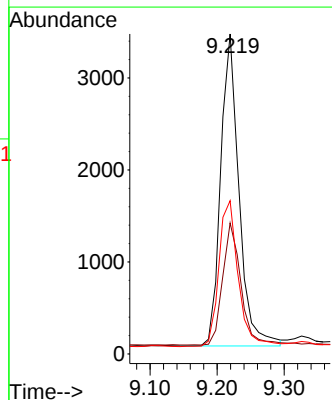
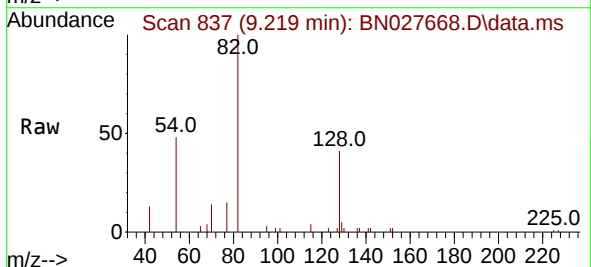
Instrument :
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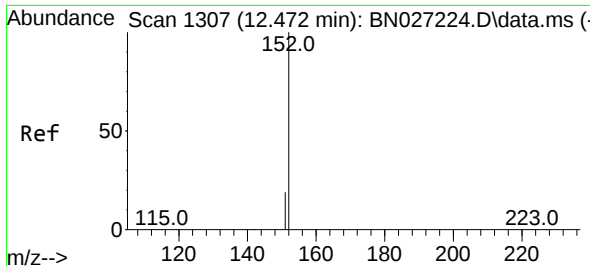
Tgt Ion:	136	Resp:	15251
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.3	13.9
54	9.0	6.7	10.1
68	7.7	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.581 ng
RT: 9.219 min Scan# 837
Delta R.T. -0.011 min
Lab File: BN027668.D
Acq: 14 Sep 2023 06:32

Tgt Ion:	82	Resp:	6458
Ion Ratio	Lower	Upper	
82	100		
128	41.0	33.4	50.0
54	47.9	37.7	56.5

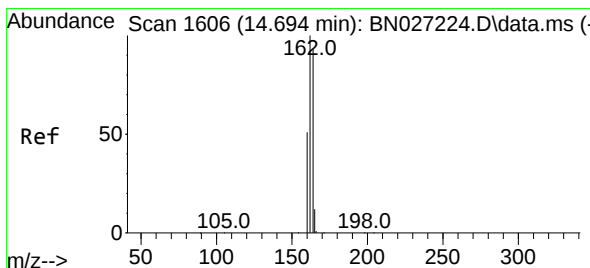
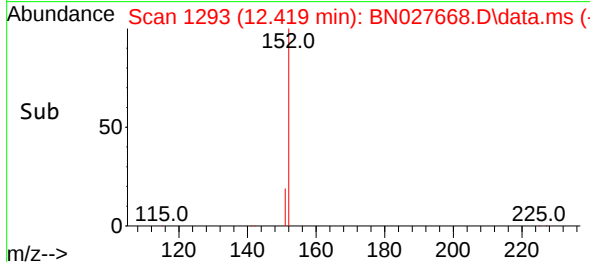
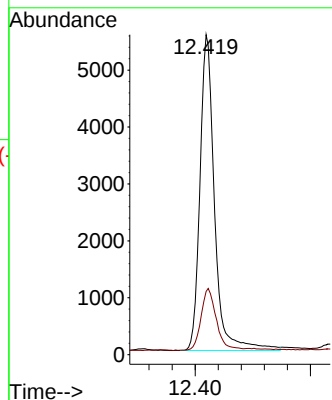
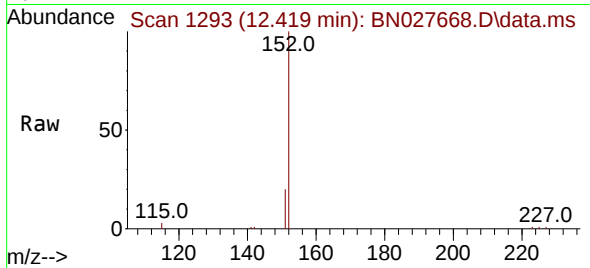




#11
2-Methylnaphthalene-d10
Concen: 0.434 ng
RT: 12.419 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN027668.D
Acq: 14 Sep 2023 06:32

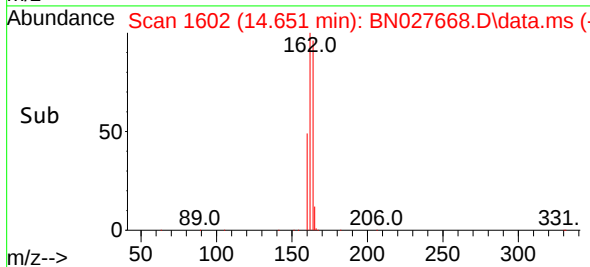
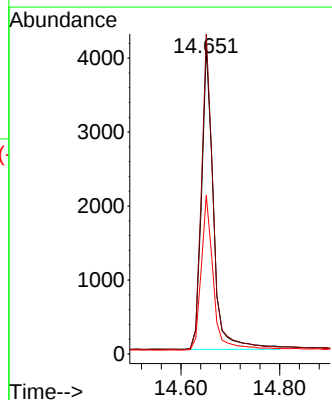
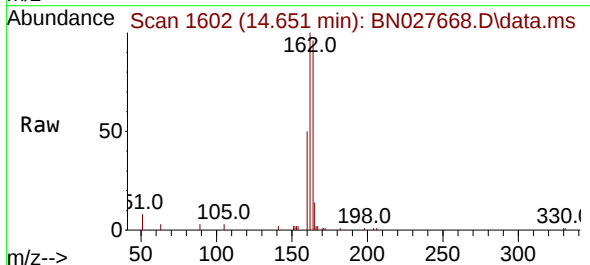
Instrument :
BNA_N
ClientSampleId :
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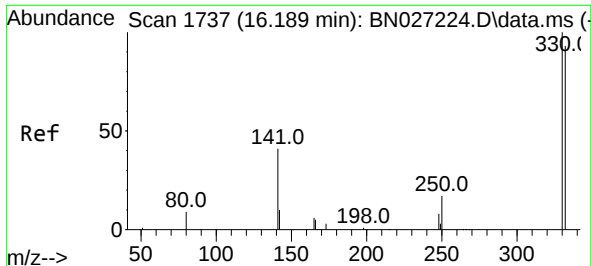
Tgt Ion:152 Resp: 9715
Ion Ratio Lower Upper
152 100
151 20.4 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.651 min Scan# 1602
Delta R.T. -0.011 min
Lab File: BN027668.D
Acq: 14 Sep 2023 06:32

Tgt Ion:164 Resp: 6827
Ion Ratio Lower Upper
164 100
162 104.3 85.8 128.8
160 51.7 44.2 66.2

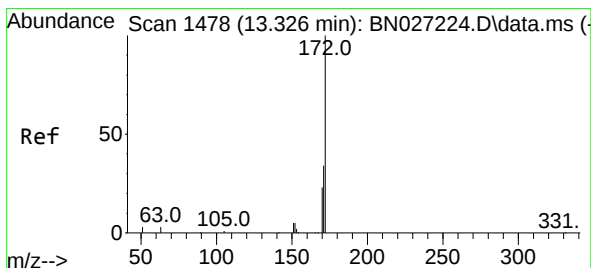
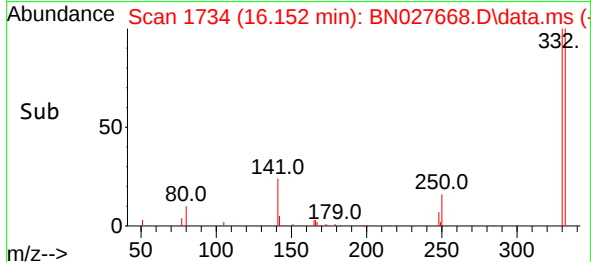
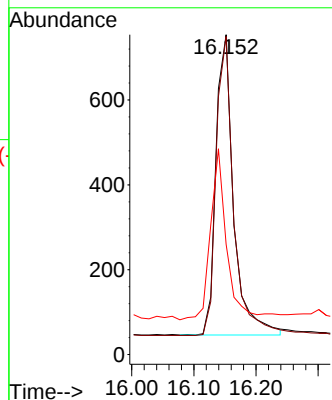
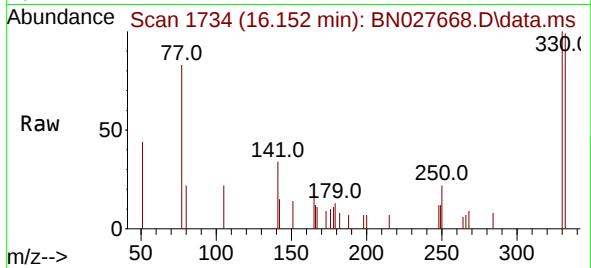




#14
2,4,6-Tribromophenol
Concen: 0.554 ng
RT: 16.152 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN027668.D
Acq: 14 Sep 2023 06:32

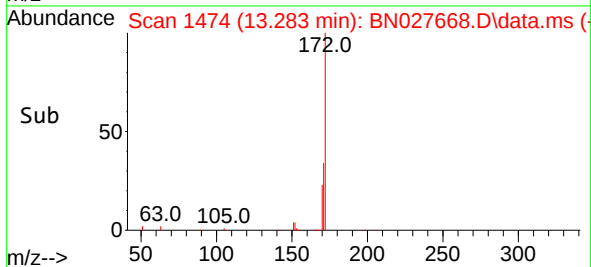
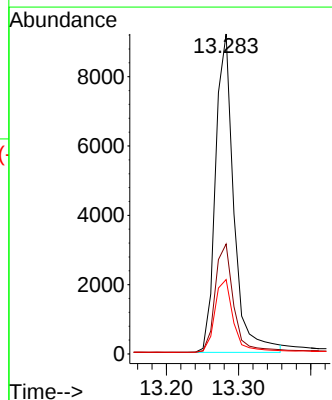
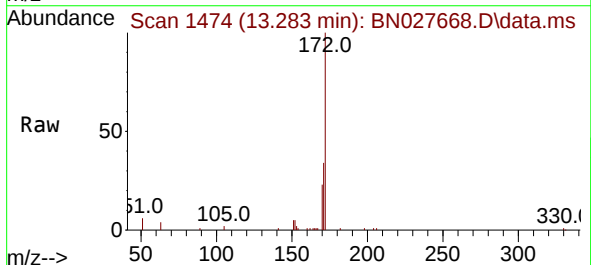
Instrument :
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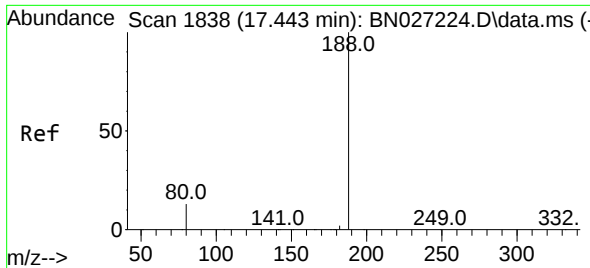
Tgt Ion: 330 Resp: 1401
Ion Ratio Lower Upper
330 100
332 98.2 75.2 112.8
141 53.0 36.2 54.4



#15
2-Fluorobiphenyl
Concen: 0.623 ng
RT: 13.283 min Scan# 1474
Delta R.T. -0.011 min
Lab File: BN027668.D
Acq: 14 Sep 2023 06:32

Tgt Ion: 172 Resp: 16163
Ion Ratio Lower Upper
172 100
171 34.3 27.8 41.8
170 23.2 19.3 28.9

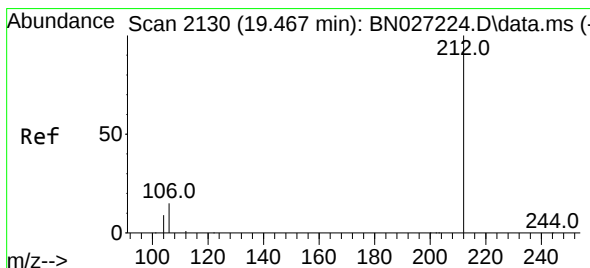
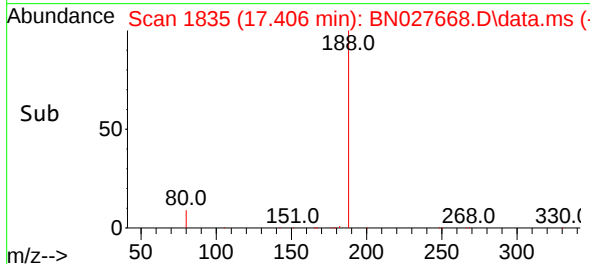
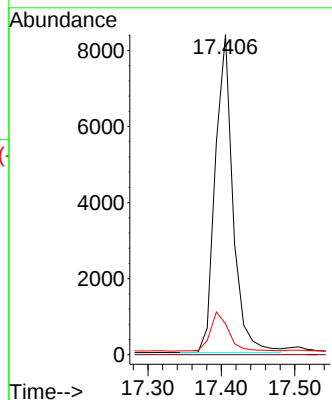
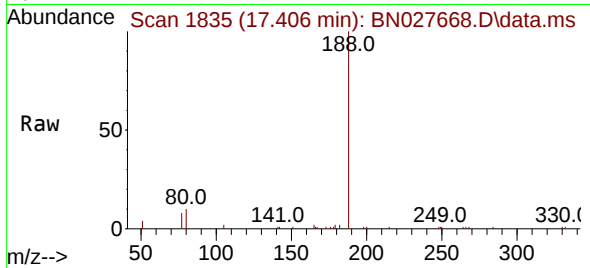




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.406 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN027668.D
Acq: 14 Sep 2023 06:32

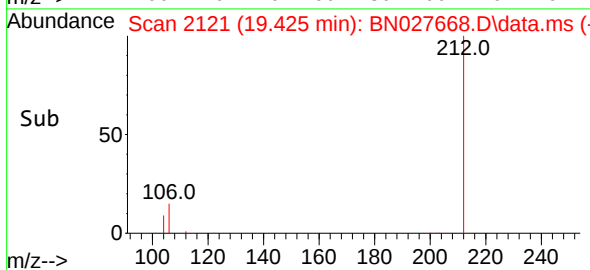
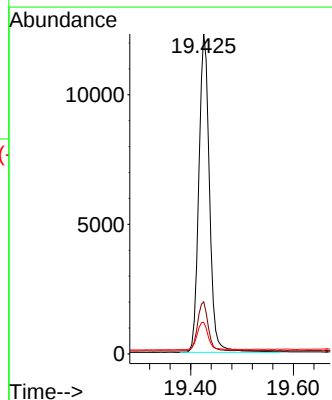
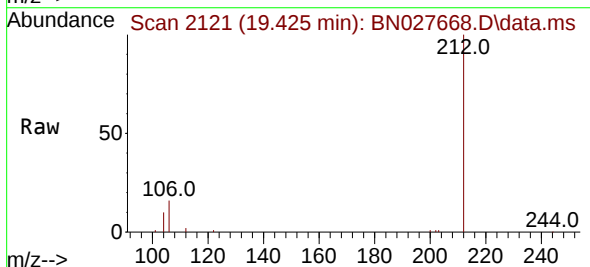
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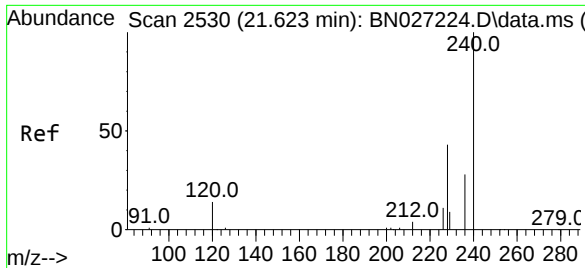
Tgt Ion:188 Resp: 13995
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.6 11.0 16.6#



#27
Fluoranthene-d10
Concen: 0.510 ng
RT: 19.425 min Scan# 2121
Delta R.T. -0.009 min
Lab File: BN027668.D
Acq: 14 Sep 2023 06:32

Tgt Ion:212 Resp: 17739
Ion Ratio Lower Upper
212 100
106 15.5 12.1 18.1
104 9.1 6.9 10.3

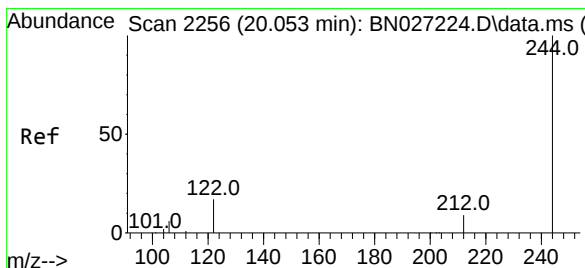
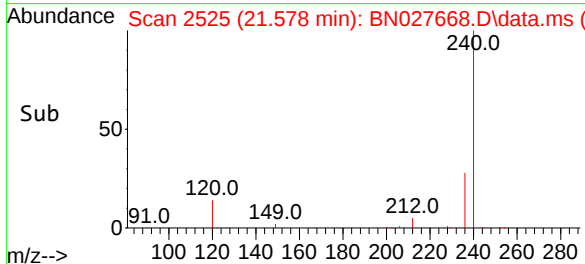
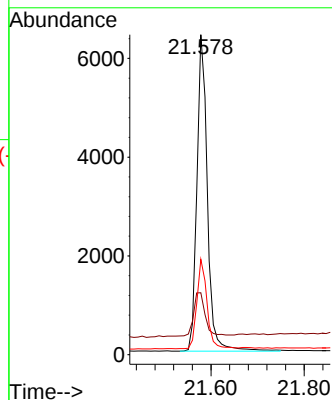
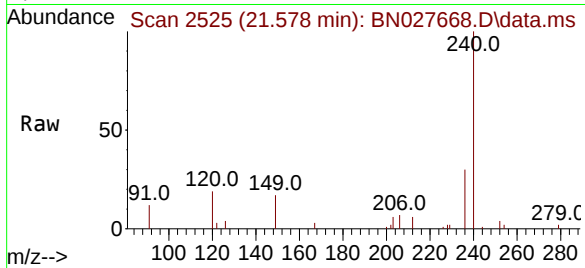




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.578 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN027668.D
Acq: 14 Sep 2023 06:32

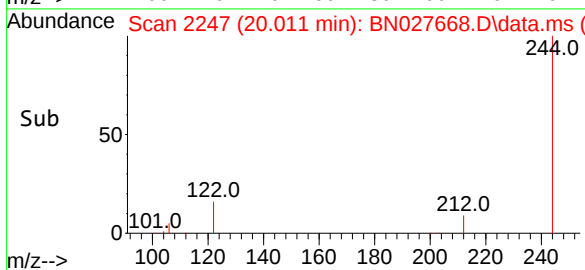
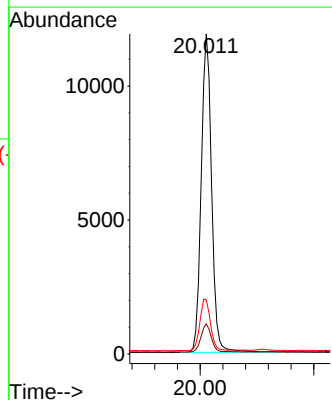
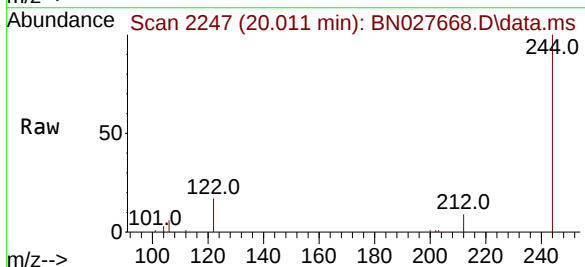
Instrument :
BNA_N
ClientSampleId :
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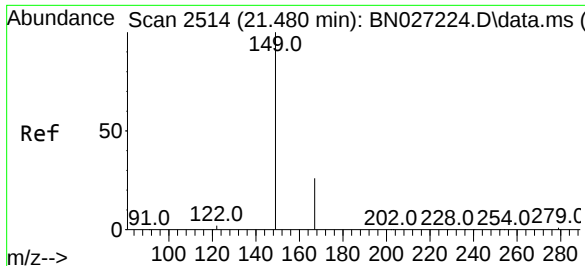
Tgt Ion:240 Resp: 10055
Ion Ratio Lower Upper
240 100
120 19.3 14.2 21.4
236 29.8 22.9 34.3



#31
Terphenyl-d14
Concen: 0.746 ng
RT: 20.011 min Scan# 2247
Delta R.T. -0.009 min
Lab File: BN027668.D
Acq: 14 Sep 2023 06:32

Tgt Ion:244 Resp: 15077
Ion Ratio Lower Upper
244 100
212 9.4 7.5 11.3
122 16.9 14.0 21.0



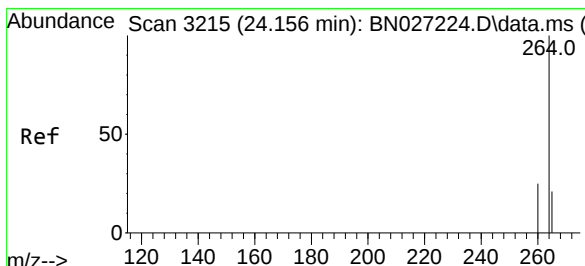
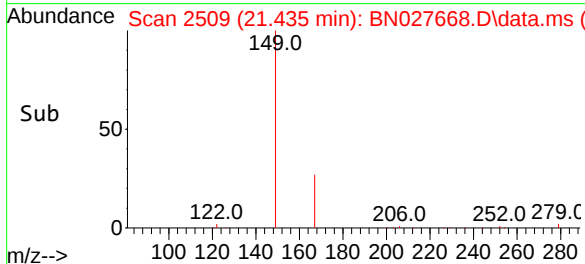
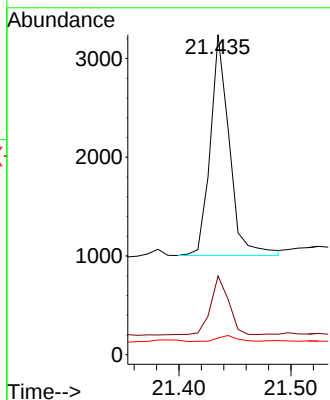
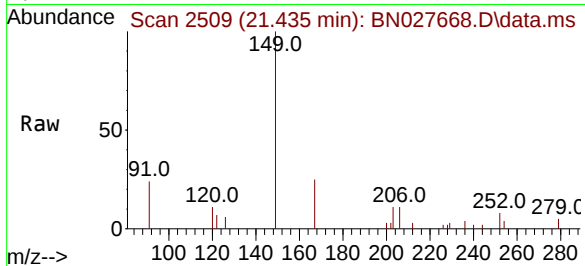


#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.158 ng
 RT: 21.435 min Scan# 2189
 Delta R.T. -0.009 min
 Lab File: BN027668.D
 Acq: 14 Sep 2023 06:32

Instrument :
 BNA_N
 ClientSampleId :
 MW-11B-37.5-090123

Tgt Ion:149 Resp: 2635

Ion	Ratio	Lower	Upper
149	100		
167	26.6	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: BN027668.D
 Acq: 14 Sep 2023 06:32

Tgt Ion:264 Resp: 8761

Ion	Ratio	Lower	Upper
264	100		
260	26.7	20.7	31.1
265	87.5	53.3	79.9

