

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091423\
 Data File : BN027646.D
 Acq On : 13 Sep 2023 15:40
 Operator : MA/JU
 Sample : 04288-01DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OWBR-06B-76.5-090123-3VDL

Quant Time: Sep 13 17:51:11 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)

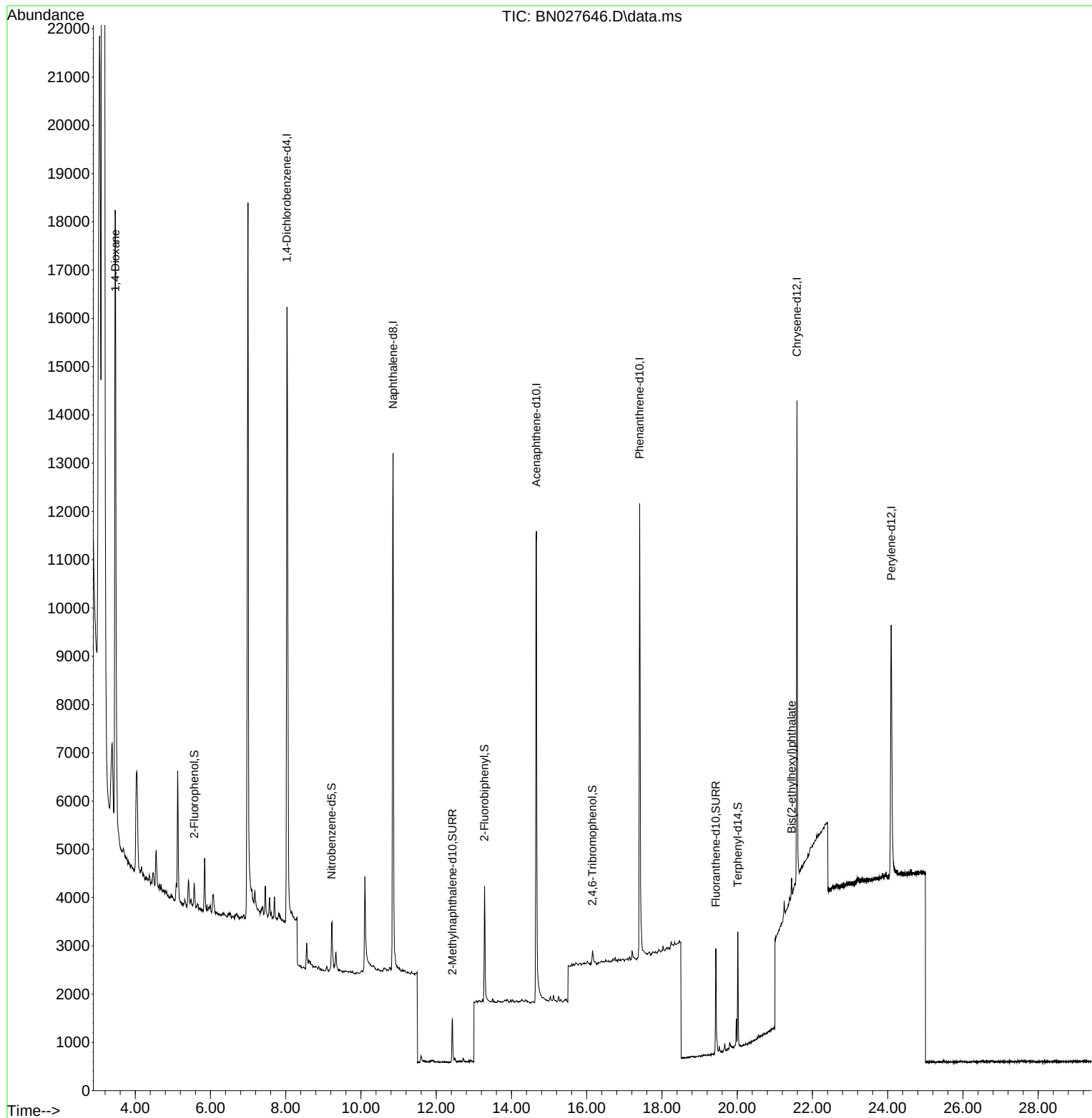
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.030	152	6324	0.400	ng	0.00
7) Naphthalene-d8	10.853	136	16031	0.400	ng	# 0.00
13) Acenaphthene-d10	14.662	164	7139	0.400	ng	0.00
19) Phenanthrene-d10	17.406	188	14175	0.400	ng	0.00
29) Chrysene-d12	21.587	240	9929	0.400	ng	0.00
35) Perylene-d12	24.092	264	9130	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.567	112	455	0.028	ng	0.00
5) Phenol-d6	7.185	99	304	0.015	ng	0.00
8) Nitrobenzene-d5	9.219	82	937	0.080	ng	-0.01
11) 2-Methylnaphthalene-d10	12.426	152	1345	0.057	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	168	0.064	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	2375	0.087	ng	-0.01
27) Fluoranthene-d10	19.435	212	2531	0.072	ng	0.00
31) Terphenyl-d14	20.015	244	2352	0.118	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.473	88	13740	1.780	ng	95
34) Bis(2-ethylhexyl)phtha...	21.444	149	457	0.028	ng	92

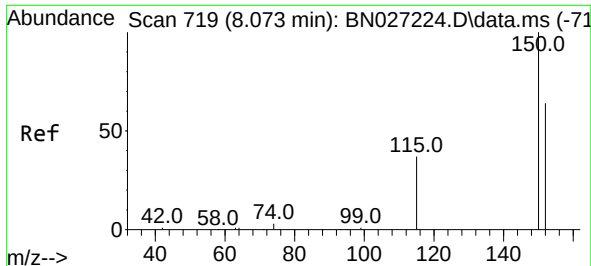
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:45:58 2023
Response via : Initial Calibration

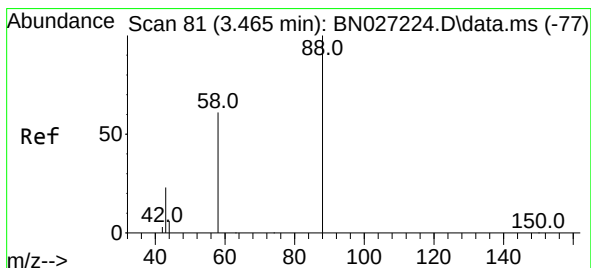
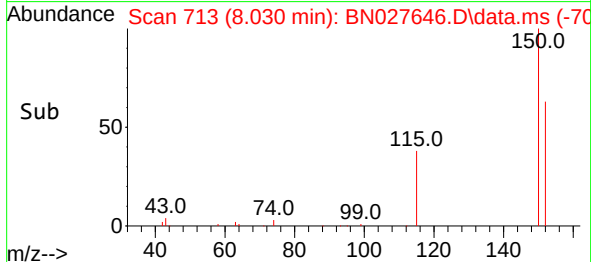
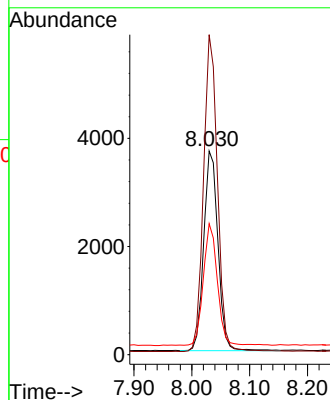
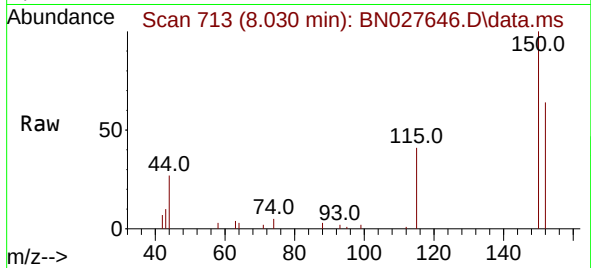




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.030 min Scan# 71
 Delta R.T. -0.007 min
 Lab File: BN027646.D
 Acq: 13 Sep 2023 15:40

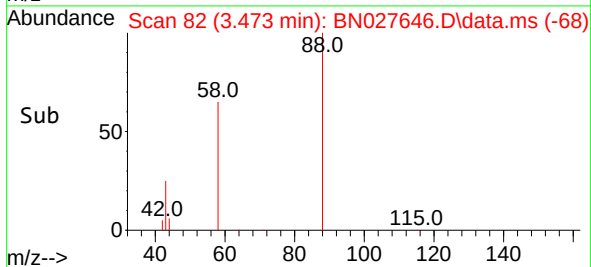
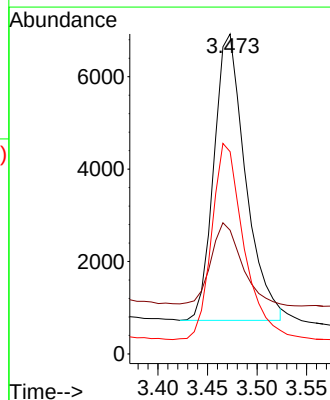
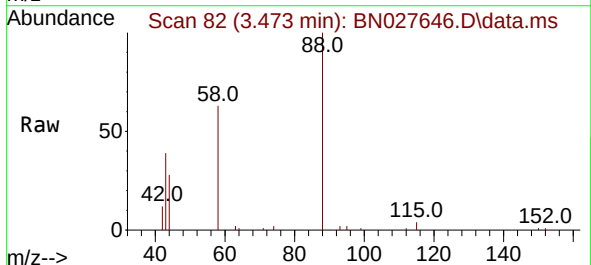
Instrument :
 BNA_N
 ClientSampleId :
 OWBR-06B-76.5-090123-3VDL

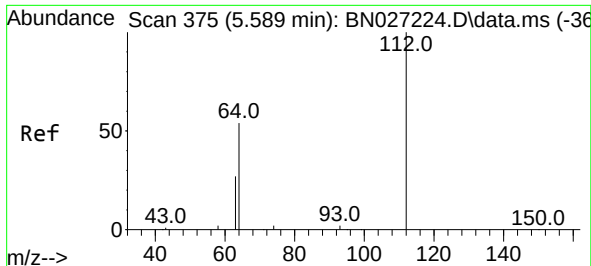
Tgt Ion:152 Resp: 6324
 Ion Ratio Lower Upper
 152 100
 150 157.1 122.7 184.1
 115 64.3 48.6 73.0



#2
 1,4-Dioxane
 Concen: 1.780 ng
 RT: 3.473 min Scan# 82
 Delta R.T. 0.000 min
 Lab File: BN027646.D
 Acq: 13 Sep 2023 15:40

Tgt Ion: 88 Resp: 13740
 Ion Ratio Lower Upper
 88 100
 43 26.9 19.1 28.7
 58 69.1 52.2 78.2





#4

2-Fluorophenol

Concen: 0.028 ng

RT: 5.567 min Scan# 31

Delta R.T. -0.007 min

Lab File: BN027646.D

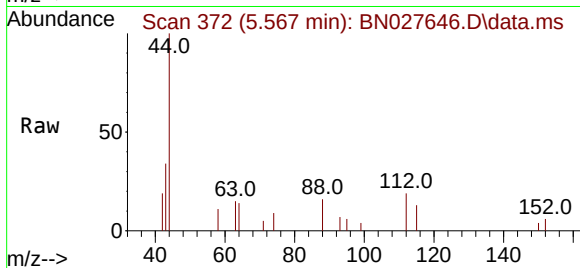
Acq: 13 Sep 2023 15:40

Instrument :

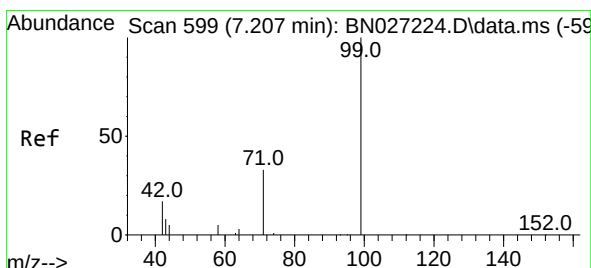
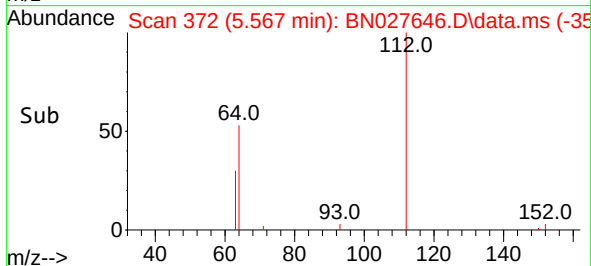
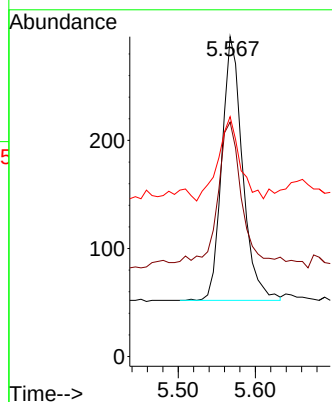
BNA_N

ClientSampleId :

OWBR-06B-76.5-090123-3VDL



Tgt Ion:	112	Resp:	455
Ion	Ratio	Lower	Upper
112	100		
64	69.9	44.4	66.6#
63	33.8	23.1	34.7



#5

Phenol-d6

Concen: 0.015 ng

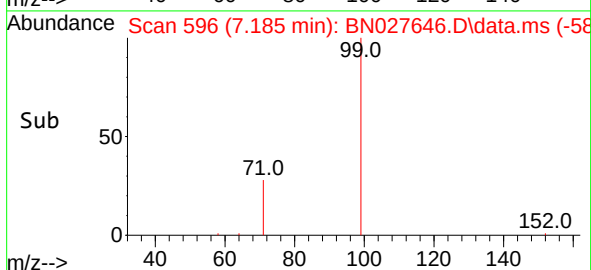
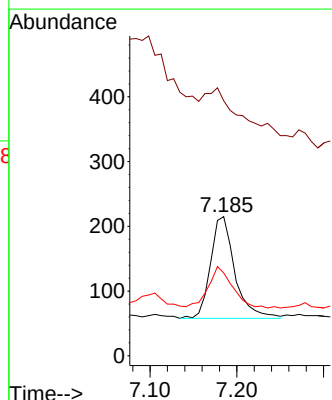
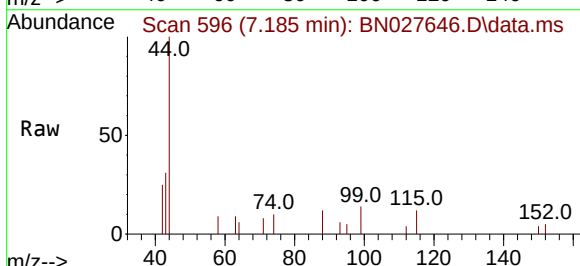
RT: 7.185 min Scan# 596

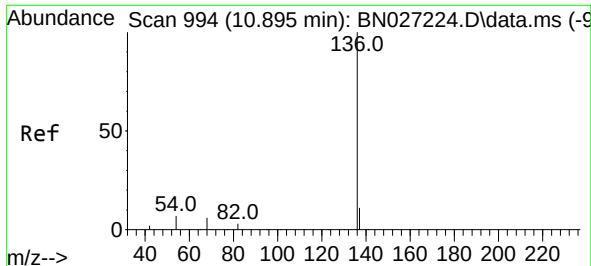
Delta R.T. 0.000 min

Lab File: BN027646.D

Acq: 13 Sep 2023 15:40

Tgt Ion:	99	Resp:	304
Ion	Ratio	Lower	Upper
99	100		
42	0.0	14.5	21.7#
71	40.8	25.8	38.6#

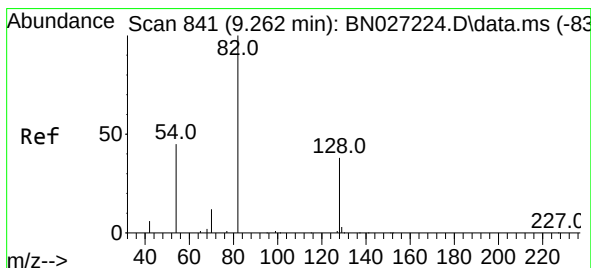
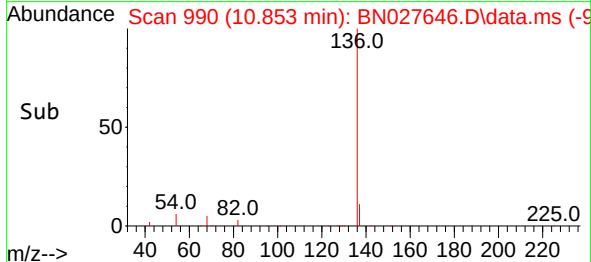
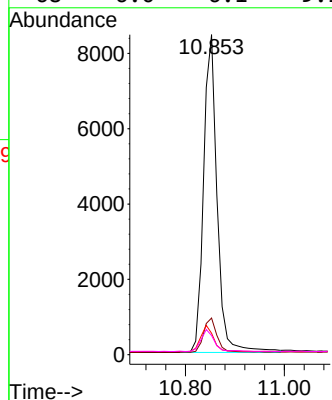
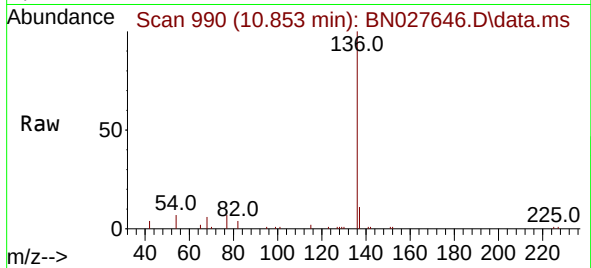




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.853 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN027646.D
Acq: 13 Sep 2023 15:40

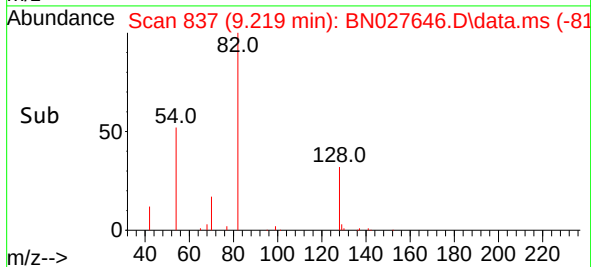
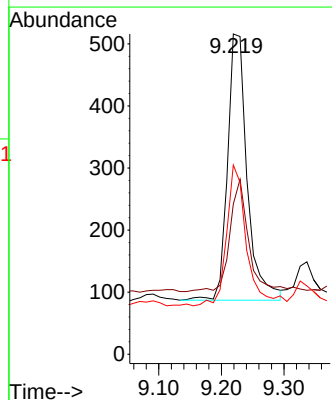
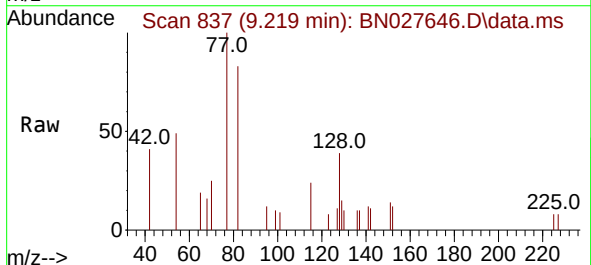
Instrument :
BNA_N
ClientSampleId :
OWBR-06B-76.5-090123-3VDL

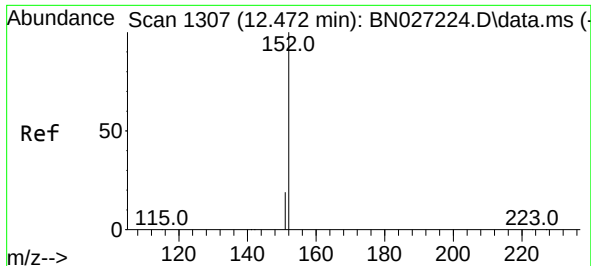
Tgt Ion:	136	Resp:	16031
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.3	13.9
54	6.7	6.7	10.1#
68	6.0	6.1	9.1#



#8
Nitrobenzene-d5
Concen: 0.080 ng
RT: 9.219 min Scan# 837
Delta R.T. -0.011 min
Lab File: BN027646.D
Acq: 13 Sep 2023 15:40

Tgt Ion:	82	Resp:	937
Ion Ratio	Lower	Upper	
82	100		
128	46.9	33.4	50.0
54	59.1	37.7	56.5#





#11

2-Methylnaphthalene-d10

Concen: 0.057 ng

RT: 12.426 min Scan# 11

Delta R.T. -0.004 min

Lab File: BN027646.D

Acq: 13 Sep 2023 15:40

Instrument :

BNA_N

ClientSampleId :

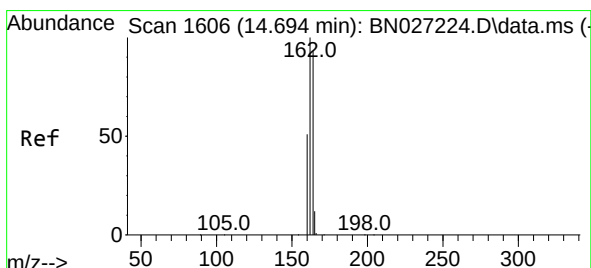
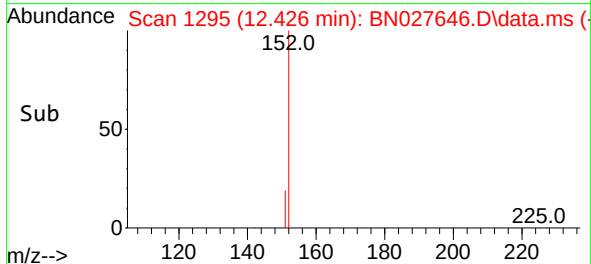
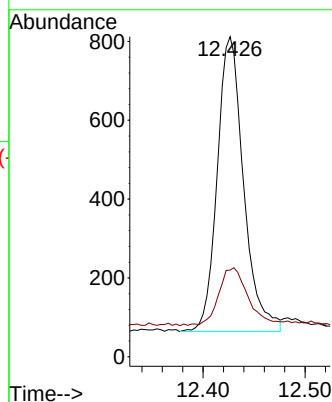
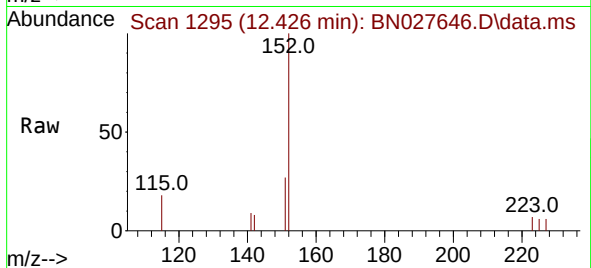
OWBR-06B-76.5-090123-3VDL

Tgt Ion:152 Resp: 1345

Ion Ratio Lower Upper

152 100

151 22.8 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: BN027646.D

Acq: 13 Sep 2023 15:40

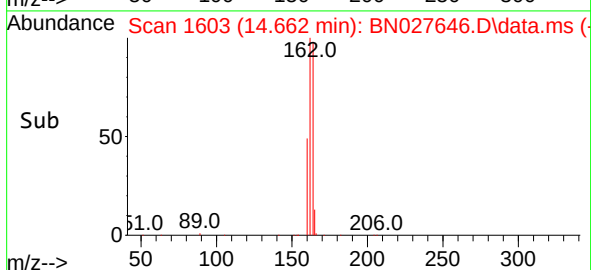
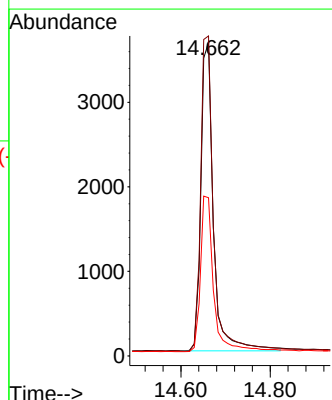
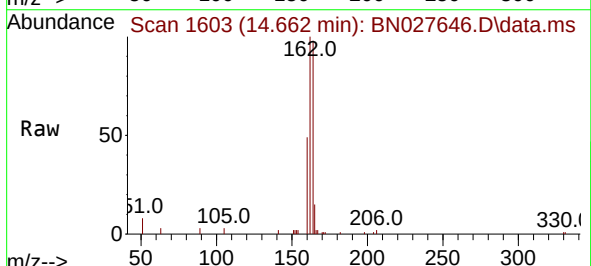
Tgt Ion:164 Resp: 7139

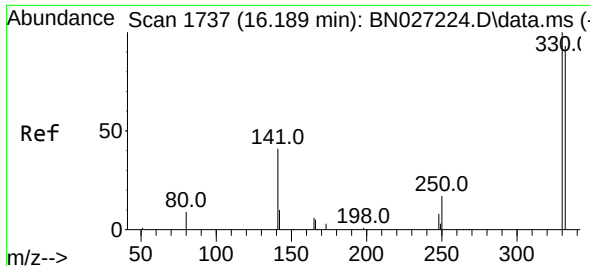
Ion Ratio Lower Upper

164 100

162 102.0 85.8 128.8

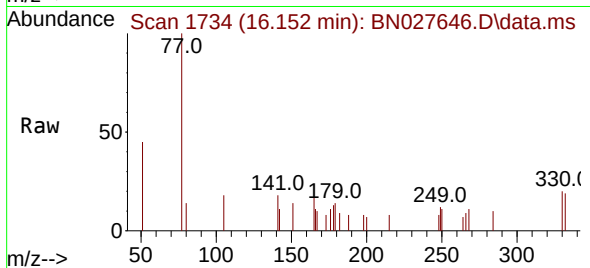
160 50.5 44.2 66.2



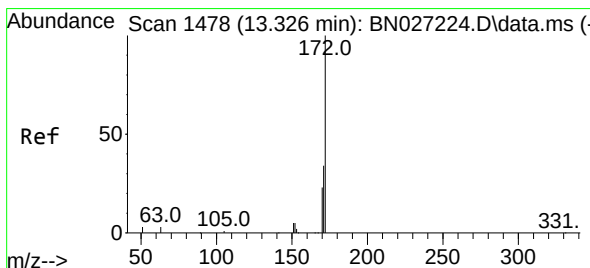
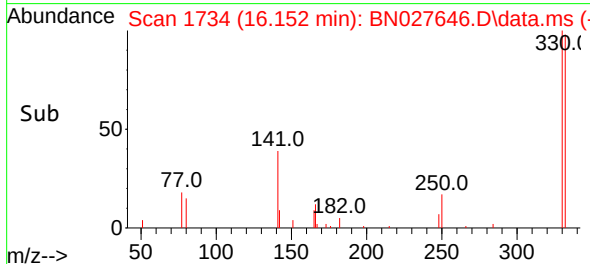
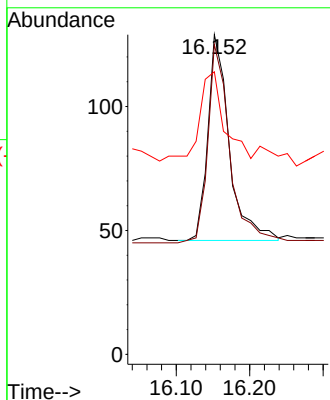


#14
2,4,6-Tribromophenol
Concen: 0.064 ng
RT: 16.152 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BN027646.D
Acq: 13 Sep 2023 15:40

Instrument :
BNA_N
ClientSampleId :
OWBR-06B-76.5-090123-3VDL

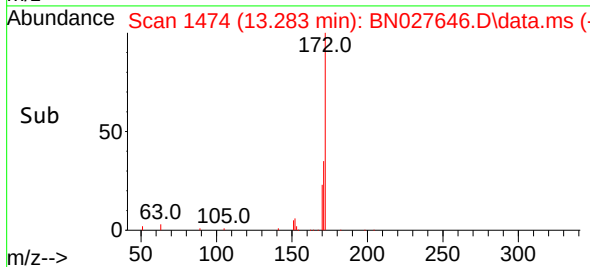
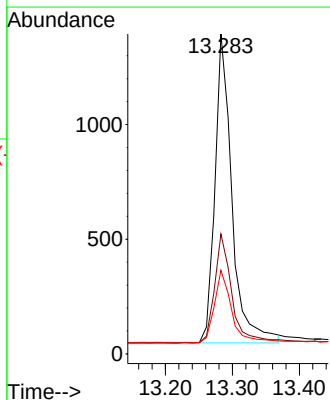
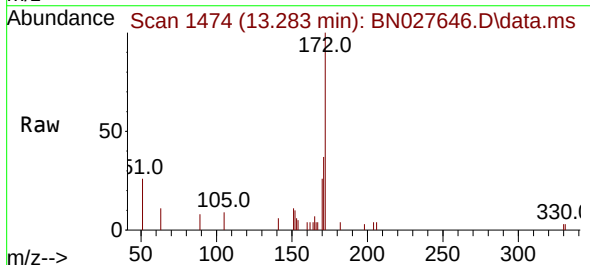


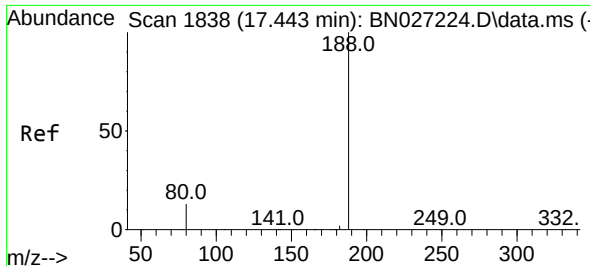
Tgt Ion:330 Resp: 168
Ion Ratio Lower Upper
330 100
332 99.4 75.2 112.8
141 50.0 36.2 54.4



#15
2-Fluorobiphenyl
Concen: 0.087 ng
RT: 13.283 min Scan# 1474
Delta R.T. -0.011 min
Lab File: BN027646.D
Acq: 13 Sep 2023 15:40

Tgt Ion:172 Resp: 2375
Ion Ratio Lower Upper
172 100
171 37.5 27.8 41.8
170 26.2 19.3 28.9

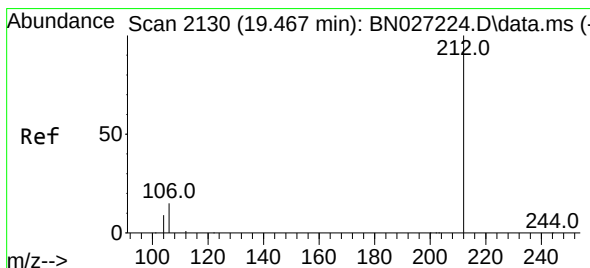
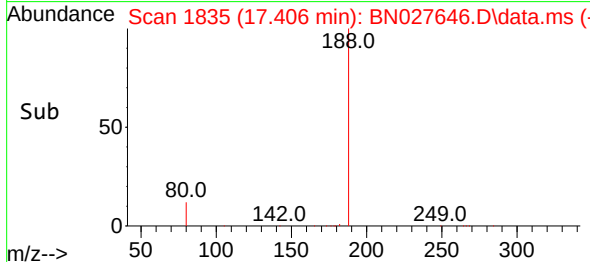
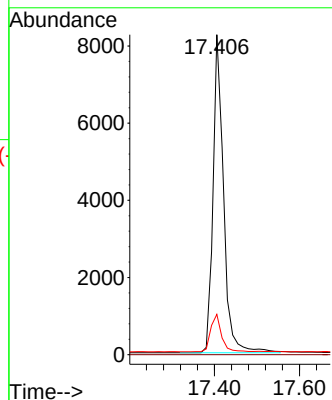
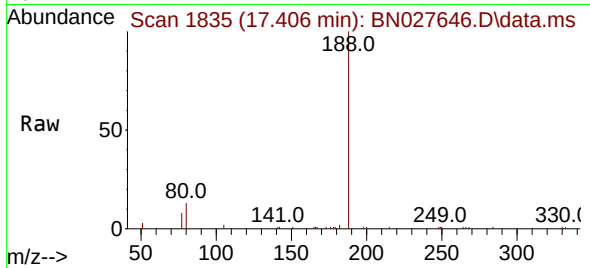




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.406 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN027646.D
Acq: 13 Sep 2023 15:40

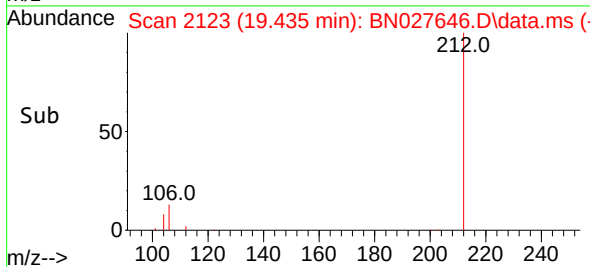
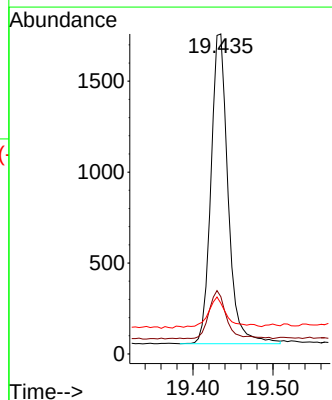
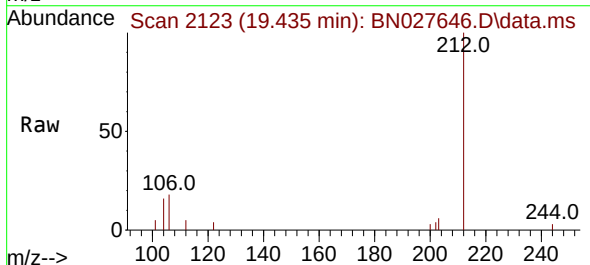
Instrument :
BNA_N
ClientSampleId :
OWBR-06B-76.5-090123-3VDL

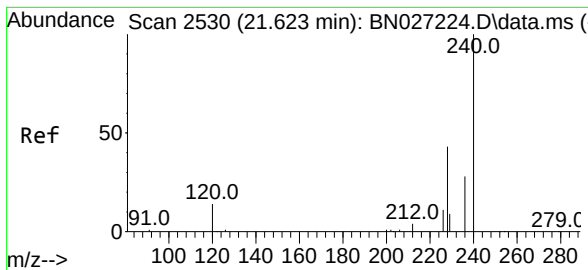
Tgt Ion:188 Resp: 14175
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.6 11.0 16.6



#27
Fluoranthene-d10
Concen: 0.072 ng
RT: 19.435 min Scan# 2123
Delta R.T. 0.000 min
Lab File: BN027646.D
Acq: 13 Sep 2023 15:40

Tgt Ion:212 Resp: 2531
Ion Ratio Lower Upper
212 100
106 15.7 12.1 18.1
104 10.1 6.9 10.3





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.587 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN027646.D

Acq: 13 Sep 2023 15:40

Instrument :

BNA_N

ClientSampleId :

OWBR-06B-76.5-090123-3VDL

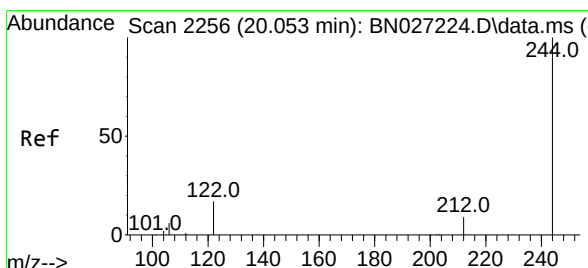
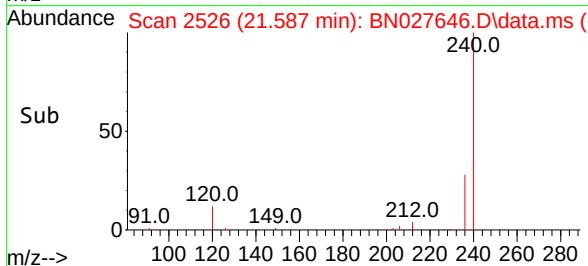
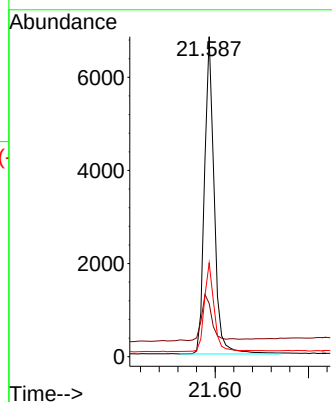
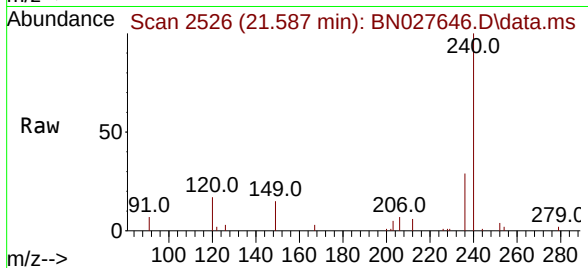
Tgt Ion:240 Resp: 9929

Ion Ratio Lower Upper

240 100

120 16.6 14.2 21.4

236 29.3 22.9 34.3



#31

Terphenyl-d14

Concen: 0.118 ng

RT: 20.015 min Scan# 2248

Delta R.T. -0.005 min

Lab File: BN027646.D

Acq: 13 Sep 2023 15:40

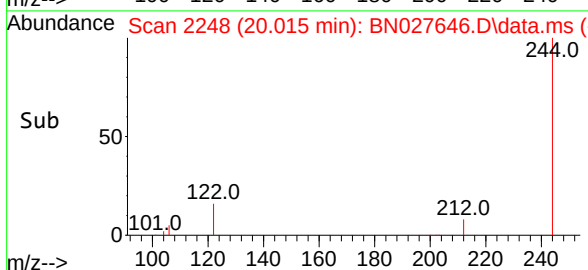
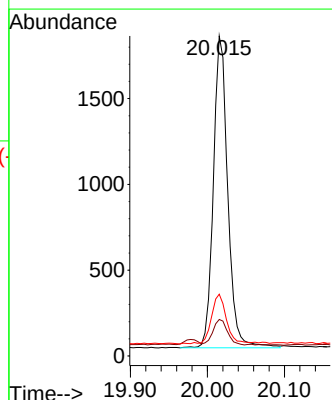
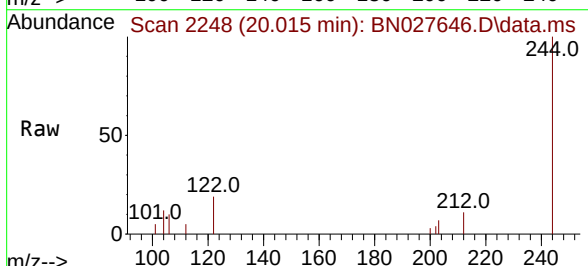
Tgt Ion:244 Resp: 2352

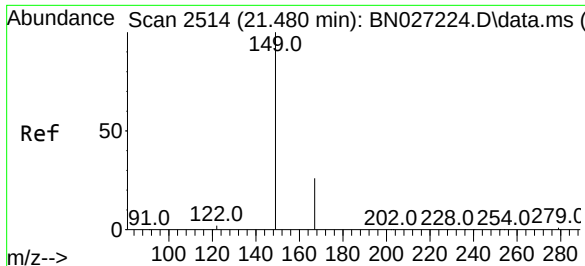
Ion Ratio Lower Upper

244 100

212 11.4 7.5 11.3#

122 19.3 14.0 21.0

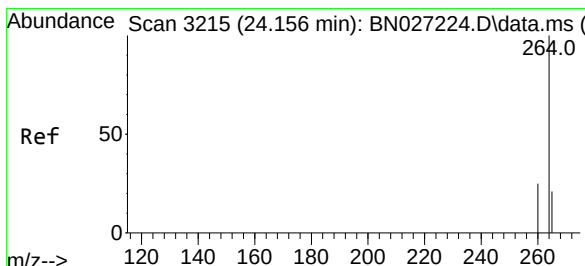
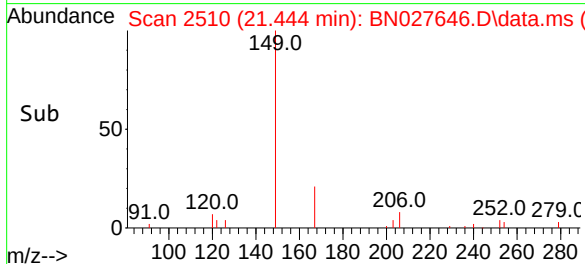
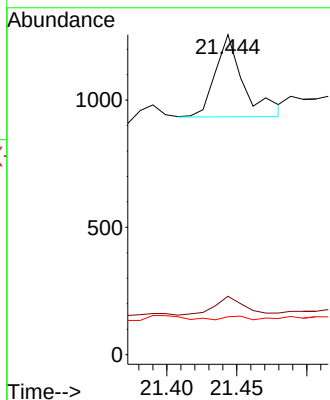
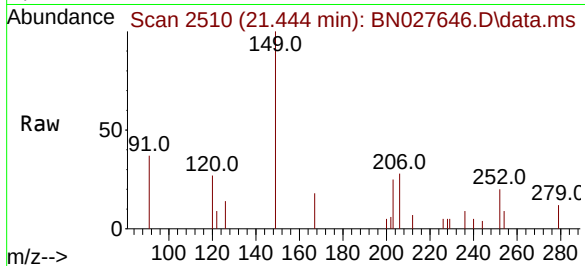




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.028 ng
RT: 21.444 min Scan# 2140
Delta R.T. 0.000 min
Lab File: BN027646.D
Acq: 13 Sep 2023 15:40

Instrument :
BNA_N
ClientSampleId :
OWBR-06B-76.5-090123-3VDL

Tgt Ion:149 Resp: 457
Ion Ratio Lower Upper
149 100
167 23.2 22.1 33.1
279 3.1 2.7 4.1



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.092 min Scan# 3193
Delta R.T. -0.003 min
Lab File: BN027646.D
Acq: 13 Sep 2023 15:40

Tgt Ion:264 Resp: 9130
Ion Ratio Lower Upper
264 100
260 26.9 20.7 31.1
265 94.4 53.3 79.9#

