

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091323\
 Data File : BN027603.D
 Acq On : 12 Sep 2023 09:28
 Operator : MA/JU
 Sample : 04272-01
 Misc :
 ALS Vial : 104 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OW-07B-65-083123

Quant Time: Sep 12 11:23:26 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)

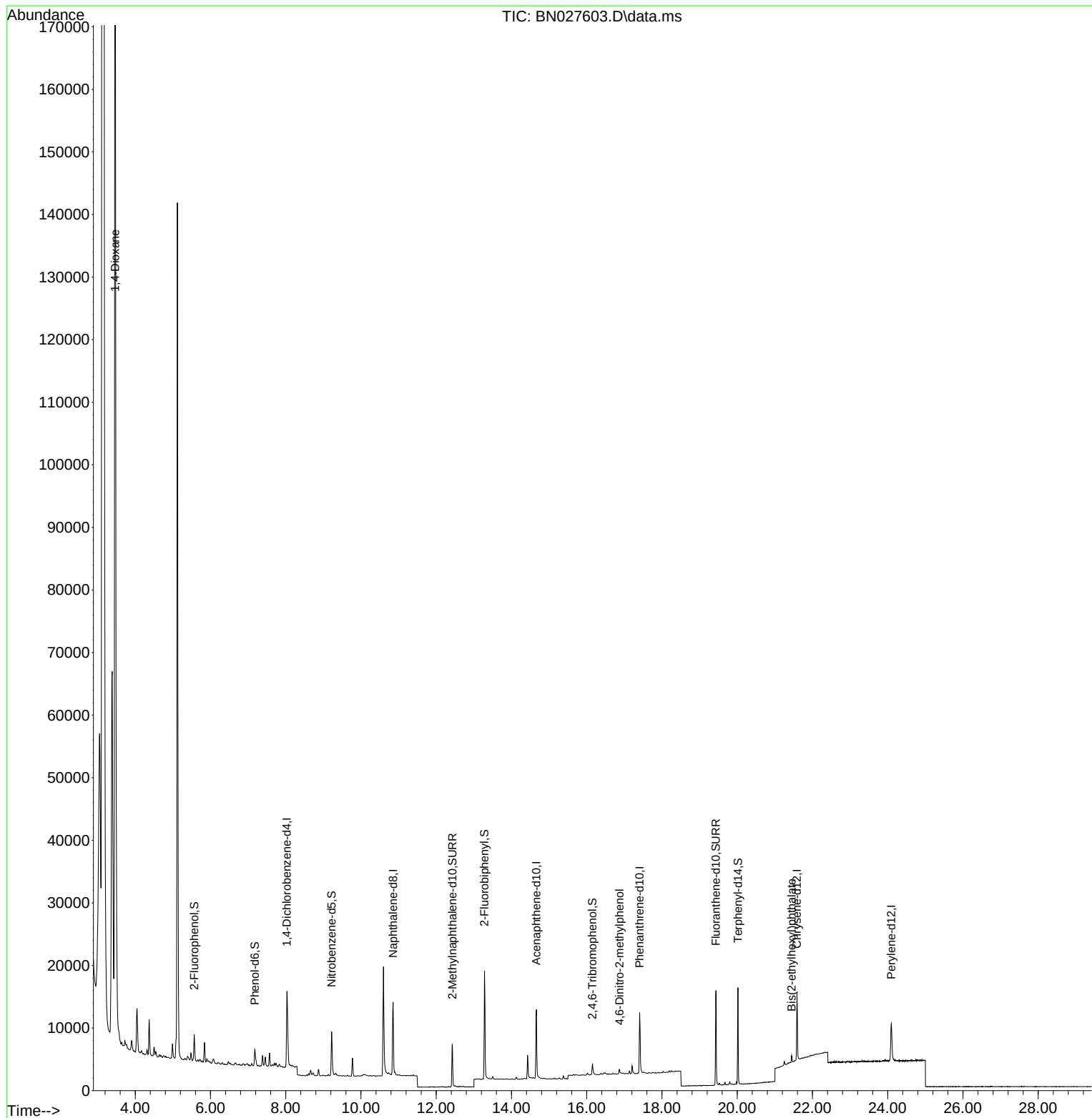
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.030	152	5984	0.400	ng	0.00
7) Naphthalene-d8	10.853	136	16424	0.400	ng	# 0.00
13) Acenaphthene-d10	14.662	164	7321	0.400	ng	0.00
19) Phenanthrene-d10	17.405	188	14897	0.400	ng	0.00
29) Chrysene-d12	21.587	240	10783	0.400	ng	0.00
35) Perylene-d12	24.095	264	10165	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.567	112	3731	0.239	ng	0.00
5) Phenol-d6	7.178	99	2546	0.134	ng	0.00
8) Nitrobenzene-d5	9.219	82	6261	0.523	ng	-0.01
11) 2-Methylnaphthalene-d10	12.426	152	9650	0.400	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	1106	0.408	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	15852	0.569	ng	-0.01
27) Fluoranthene-d10	19.435	212	16901	0.456	ng	0.00
31) Terphenyl-d14	20.020	244	14663	0.677	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.465	88	217804	29.815	ng	98
20) 4,6-Dinitro-2-methylph...	16.872	198	8	0.038	ng	# 6
34) Bis(2-ethylhexyl)phtha...	21.444	149	1041	0.058	ng	97

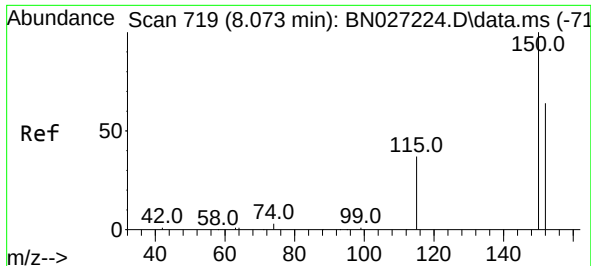
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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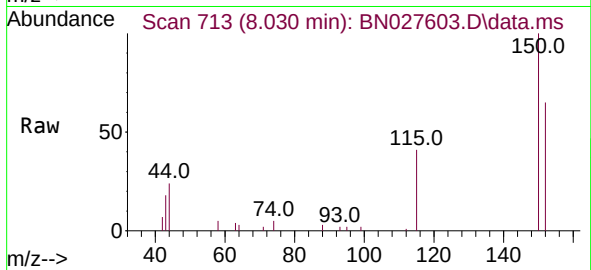
Quant Time: Sep 12 11:23:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:45:58 2023
Response via : Initial Calibration



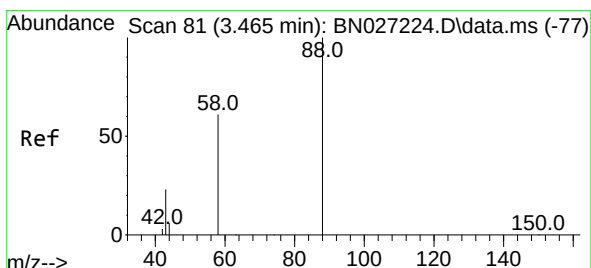
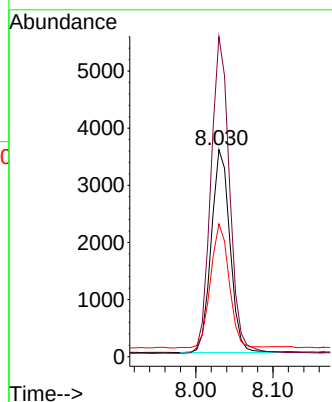
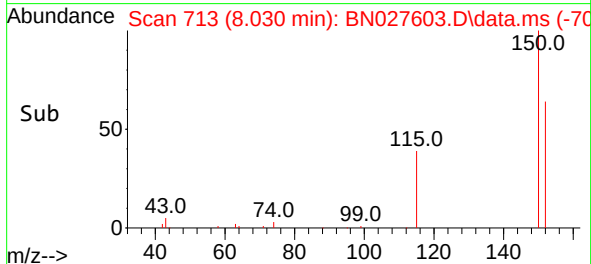


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.030 min Scan# 719
 Delta R.T. -0.007 min
 Lab File: BN027603.D
 Acq: 12 Sep 2023 09:28

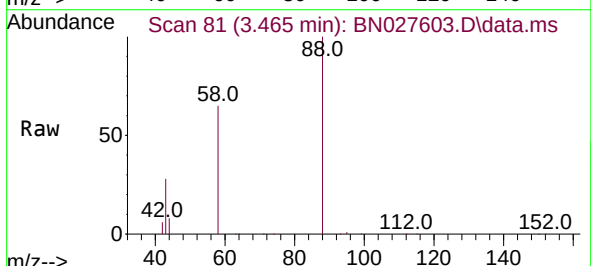
Instrument :
 BNA_N
 ClientSampleId :
 OW-07B-65-083123



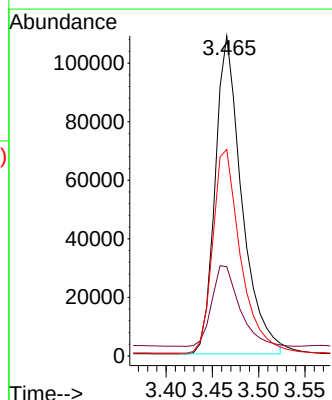
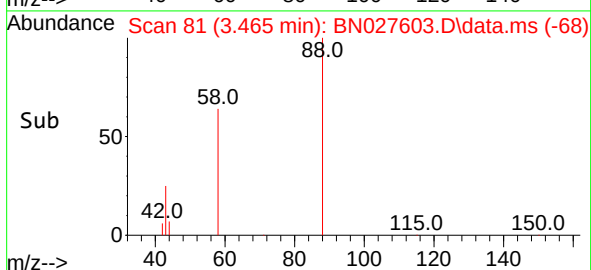
Tgt Ion:152 Resp: 5984
 Ion Ratio Lower Upper
 152 100
 150 154.6 122.7 184.1
 115 64.1 48.6 73.0

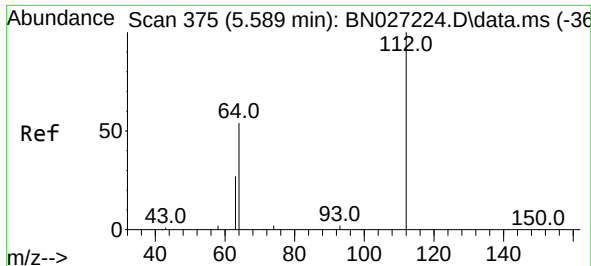


#2
 1,4-Dioxane
 Concen: 29.815 ng
 RT: 3.465 min Scan# 81
 Delta R.T. -0.007 min
 Lab File: BN027603.D
 Acq: 12 Sep 2023 09:28



Tgt Ion: 88 Resp: 217804
 Ion Ratio Lower Upper
 88 100
 43 26.2 19.1 28.7
 58 66.4 52.2 78.2





#4

2-Fluorophenol

Concen: 0.239 ng

RT: 5.567 min Scan# 31

Delta R.T. -0.007 min

Lab File: BN027603.D

Acq: 12 Sep 2023 09:28

Instrument :

BNA_N

ClientSampleId :

OW-07B-65-083123

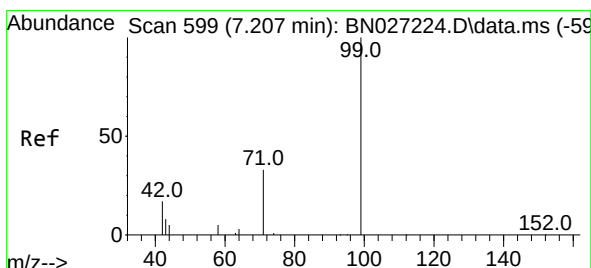
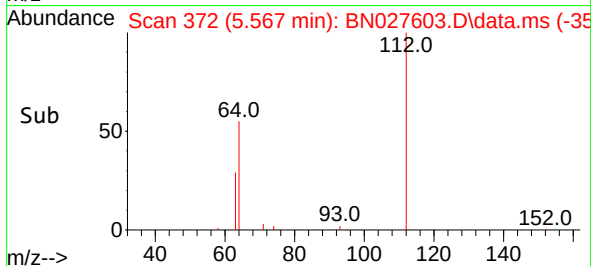
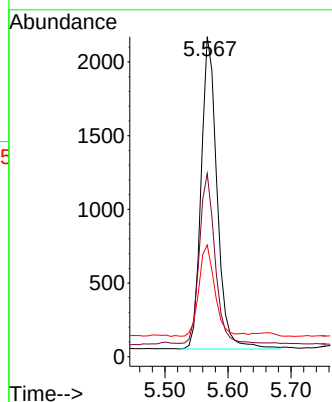
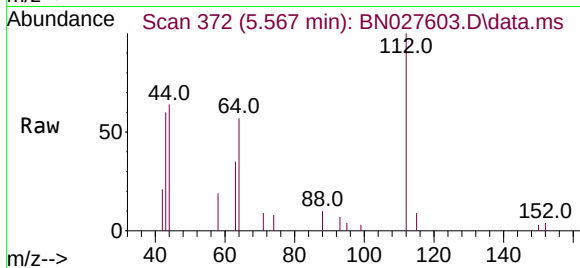
Tgt Ion:112 Resp: 3731

Ion Ratio Lower Upper

112 100

64 53.1 44.4 66.6

63 28.9 23.1 34.7



#5

Phenol-d6

Concen: 0.134 ng

RT: 7.178 min Scan# 595

Delta R.T. -0.007 min

Lab File: BN027603.D

Acq: 12 Sep 2023 09:28

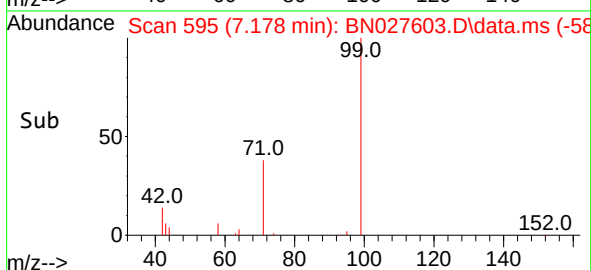
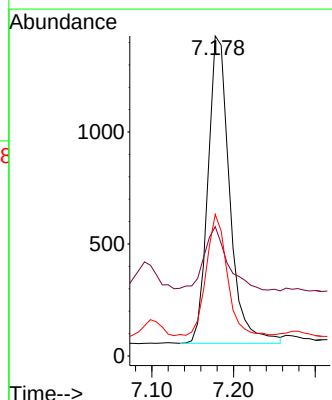
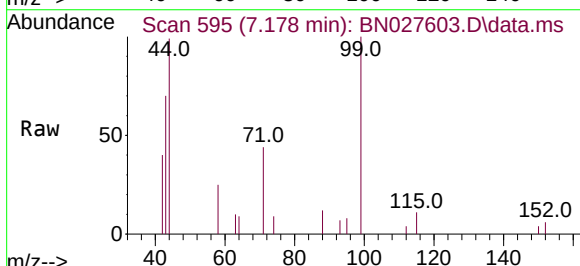
Tgt Ion: 99 Resp: 2546

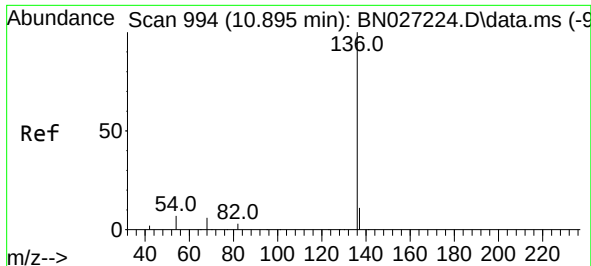
Ion Ratio Lower Upper

99 100

42 22.1 14.5 21.7#

71 37.7 25.8 38.6

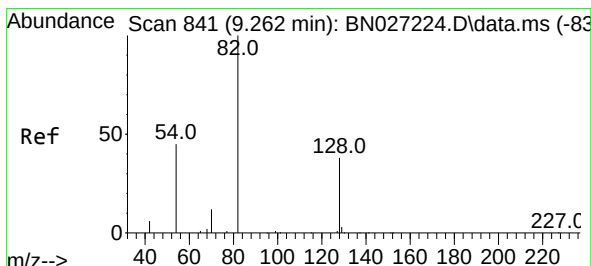
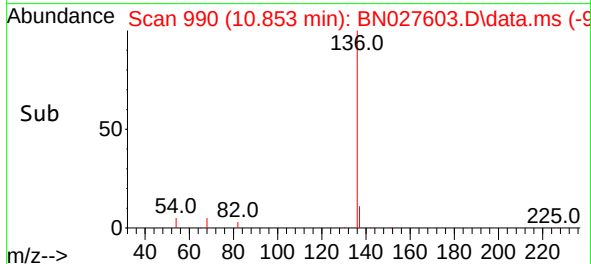
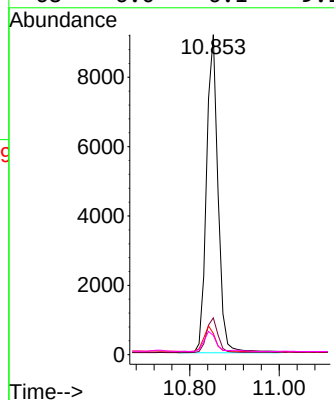
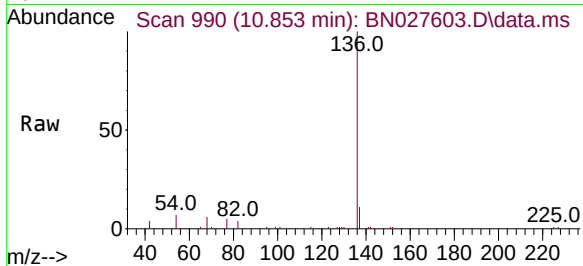




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.853 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN027603.D
Acq: 12 Sep 2023 09:28

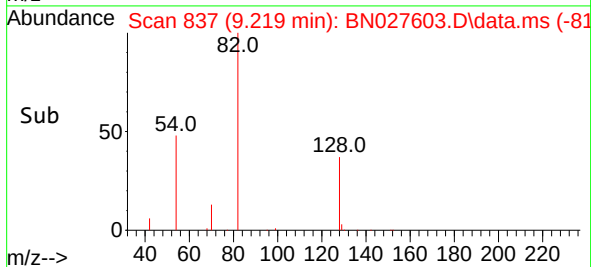
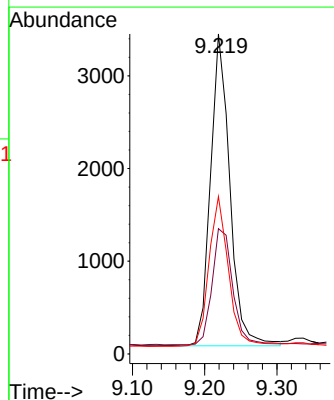
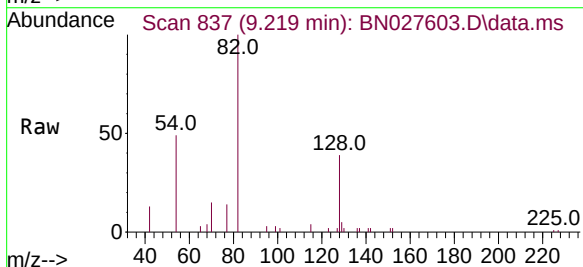
Instrument :
BNA_N
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OW-07B-65-083123

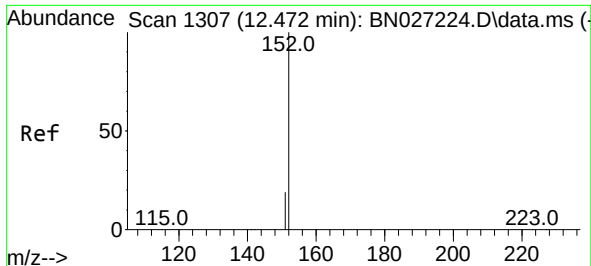
Tgt Ion:	136	Resp:	16424
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.3	13.9
54	6.7	6.7	10.1#
68	6.0	6.1	9.1#



#8
Nitrobenzene-d5
Concen: 0.523 ng
RT: 9.219 min Scan# 837
Delta R.T. -0.011 min
Lab File: BN027603.D
Acq: 12 Sep 2023 09:28

Tgt Ion:	82	Resp:	6261
Ion Ratio	Lower	Upper	
82	100		
128	39.1	33.4	50.0
54	49.2	37.7	56.5

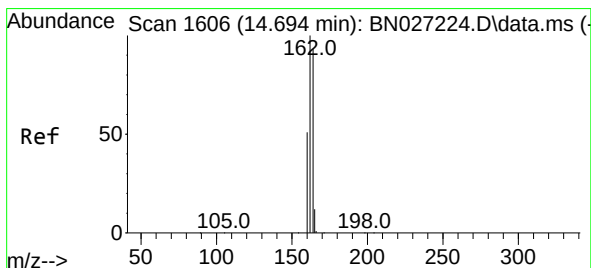
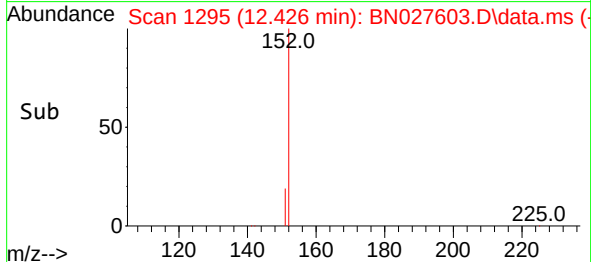
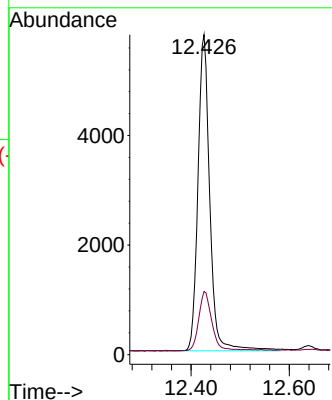
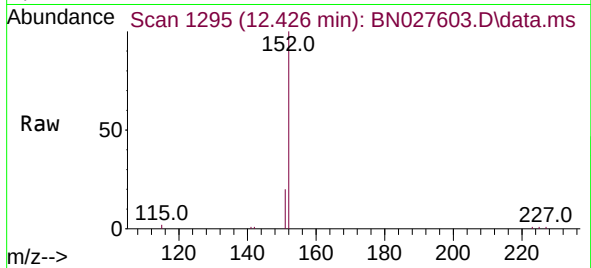




#11
2-Methylnaphthalene-d10
Concen: 0.400 ng
RT: 12.426 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN027603.D
Acq: 12 Sep 2023 09:28

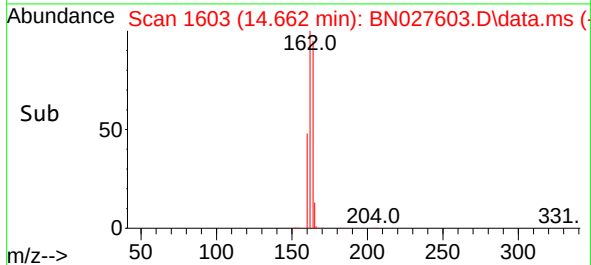
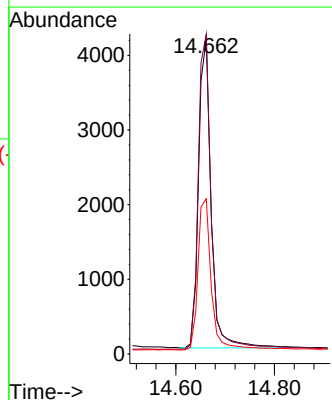
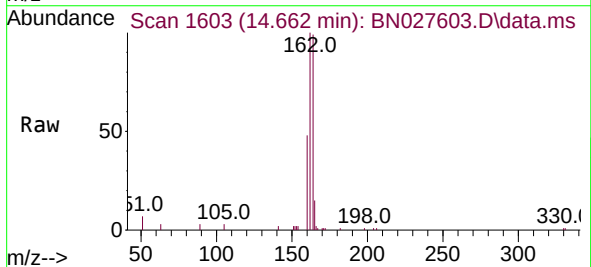
Instrument :
BNA_N
ClientSampleId :
OW-07B-65-083123

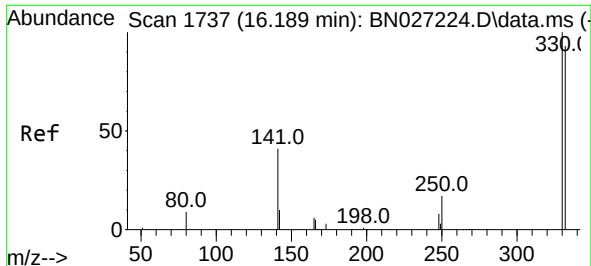
Tgt Ion:152 Resp: 9650
Ion Ratio Lower Upper
152 100
151 20.3 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.662 min Scan# 1603
Delta R.T. -0.000 min
Lab File: BN027603.D
Acq: 12 Sep 2023 09:28

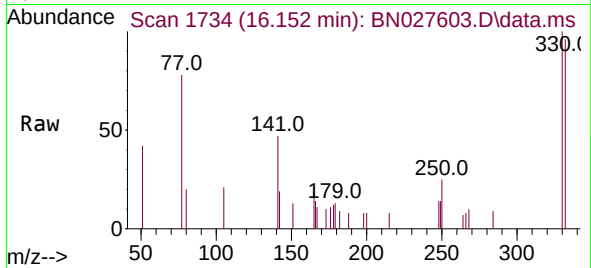
Tgt Ion:164 Resp: 7321
Ion Ratio Lower Upper
164 100
162 101.3 85.8 128.8
160 49.1 44.2 66.2



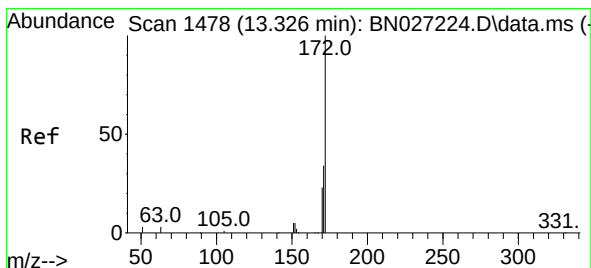
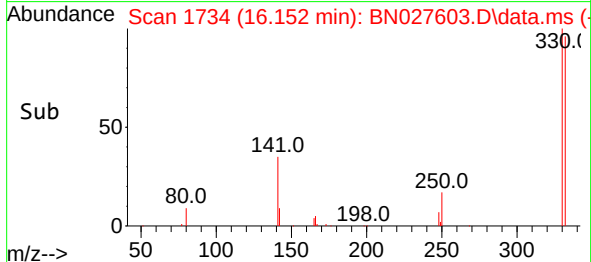
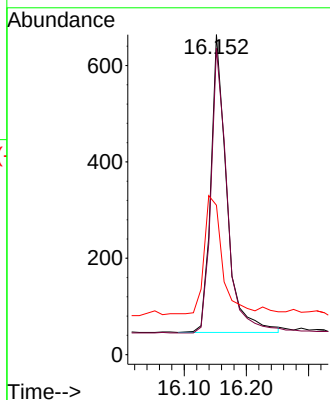


#14
2,4,6-Tribromophenol
Concen: 0.408 ng
RT: 16.152 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN027603.D
Acq: 12 Sep 2023 09:28

Instrument :
BNA_N
ClientSampleId :
OW-07B-65-083123

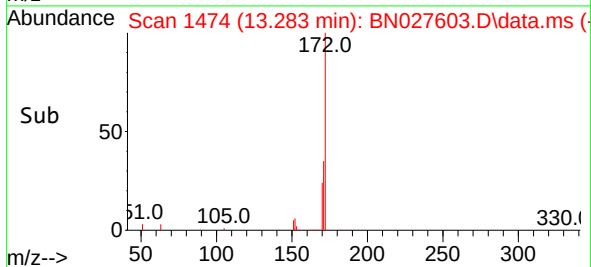
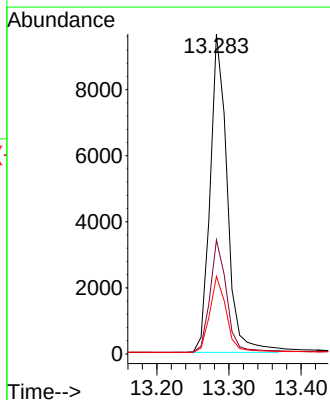
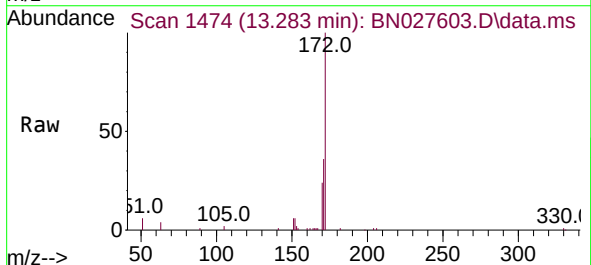


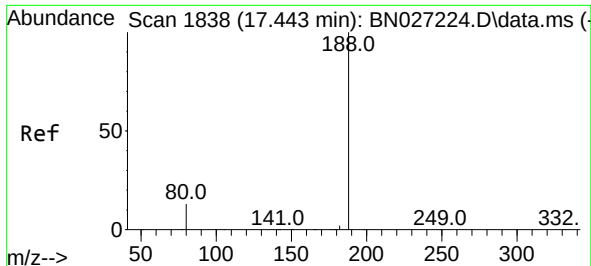
Tgt Ion:330 Resp: 1106
Ion Ratio Lower Upper
330 100
332 96.8 75.2 112.8
141 43.9 36.2 54.4



#15
2-Fluorobiphenyl
Concen: 0.569 ng
RT: 13.283 min Scan# 1474
Delta R.T. -0.011 min
Lab File: BN027603.D
Acq: 12 Sep 2023 09:28

Tgt Ion:172 Resp: 15852
Ion Ratio Lower Upper
172 100
171 35.7 27.8 41.8
170 24.2 19.3 28.9

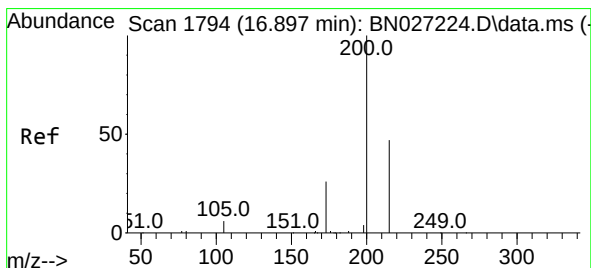
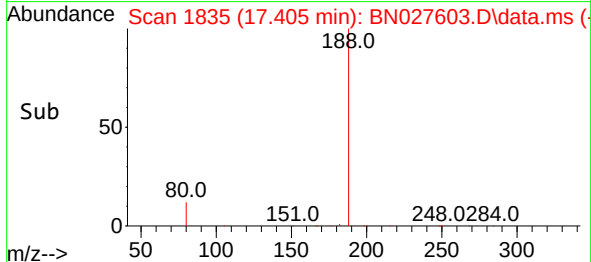
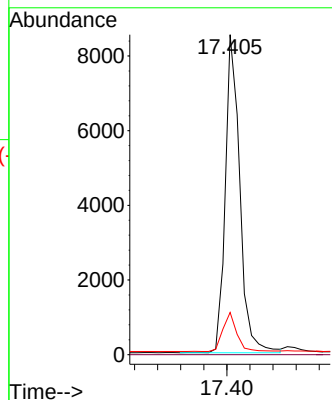
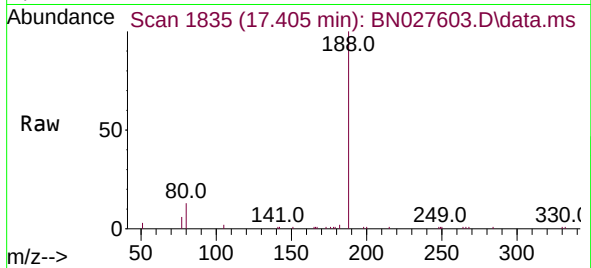




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.405 min Scan# 1835
Delta R.T. -0.000 min
Lab File: BN027603.D
Acq: 12 Sep 2023 09:28

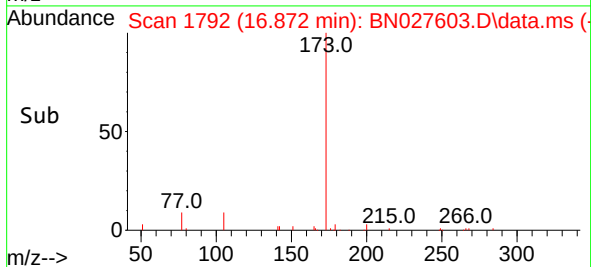
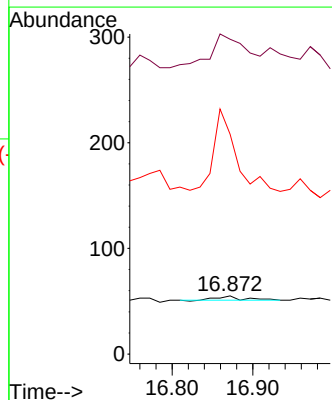
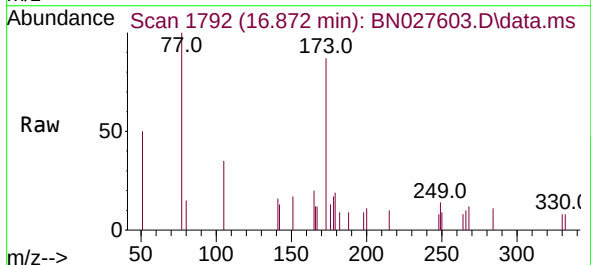
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OW-07B-65-083123

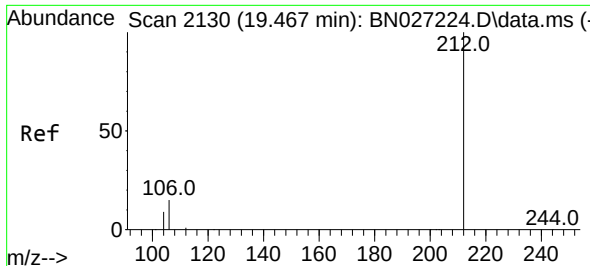
Tgt Ion:188 Resp: 14897
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.2 11.0 16.6



#20
4,6-Dinitro-2-methylphenol
Concen: 0.038 ng
RT: 16.872 min Scan# 1792
Delta R.T. 0.012 min
Lab File: BN027603.D
Acq: 12 Sep 2023 09:28

Tgt Ion:198 Resp: 8
Ion Ratio Lower Upper
198 100
51 541.8 282.2 423.2#
105 378.2 168.7 253.1#

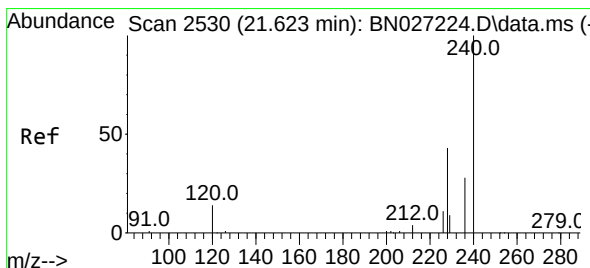
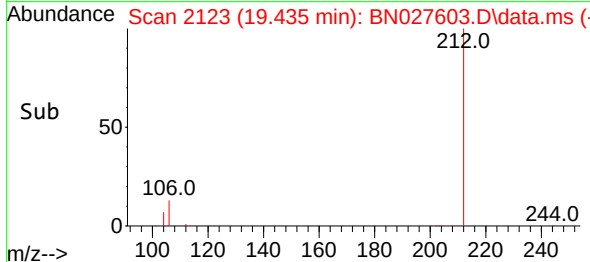
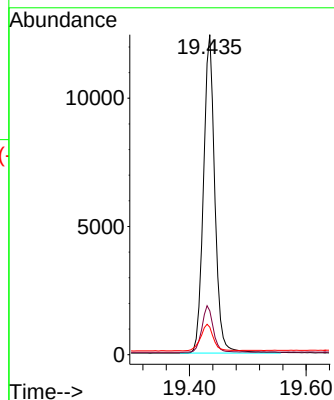
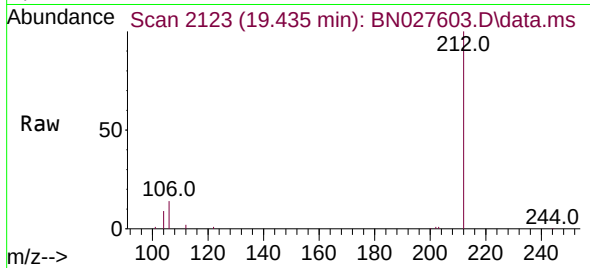




#27
Fluoranthene-d10
Concen: 0.456 ng
RT: 19.435 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BN027603.D
Acq: 12 Sep 2023 09:28

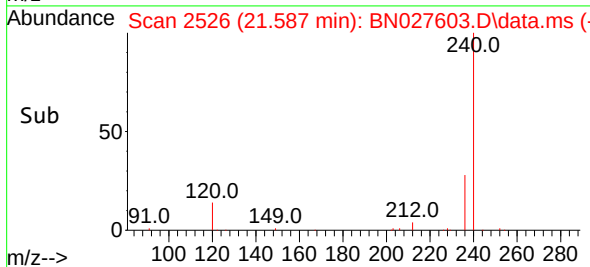
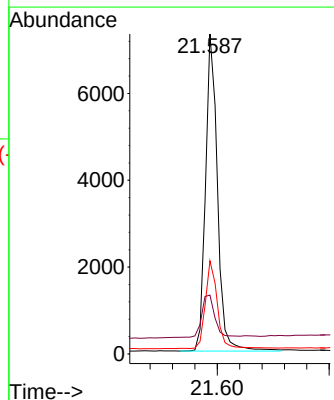
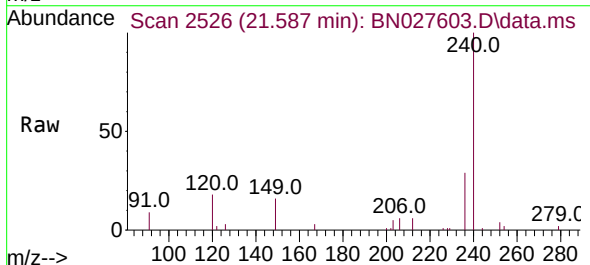
Instrument :
BNA_N
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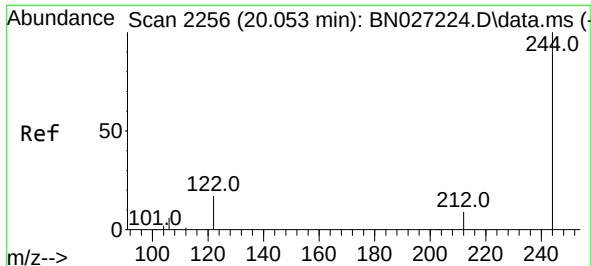
Tgt Ion:212 Resp: 16901
Ion Ratio Lower Upper
212 100
106 14.8 12.1 18.1
104 9.1 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.587 min Scan# 2526
Delta R.T. -0.000 min
Lab File: BN027603.D
Acq: 12 Sep 2023 09:28

Tgt Ion:240 Resp: 10783
Ion Ratio Lower Upper
240 100
120 18.4 14.2 21.4
236 29.1 22.9 34.3

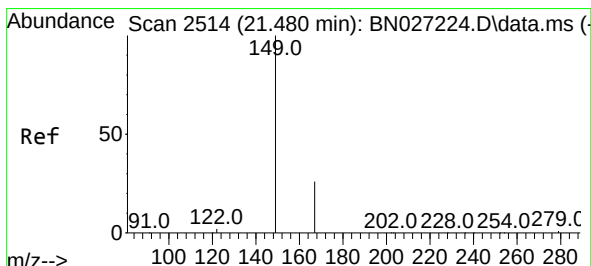
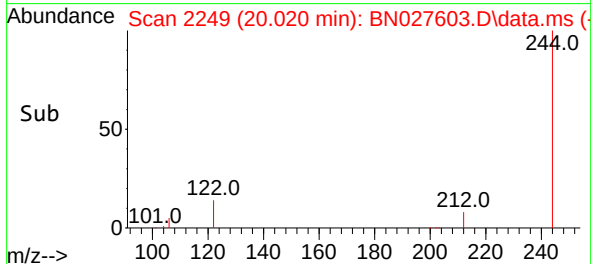
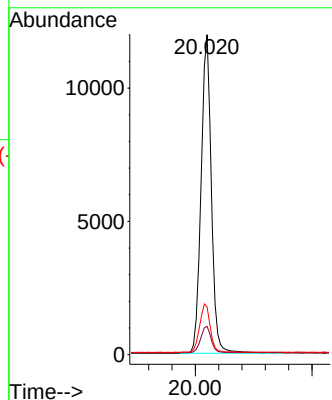
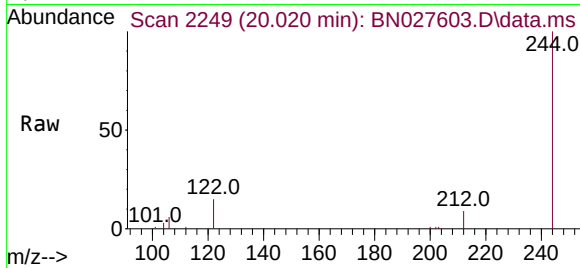




#31
Terphenyl-d14
Concen: 0.677 ng
RT: 20.020 min Scan# 211
Delta R.T. -0.000 min
Lab File: BN027603.D
Acq: 12 Sep 2023 09:28

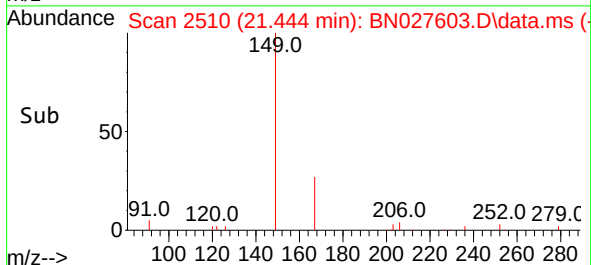
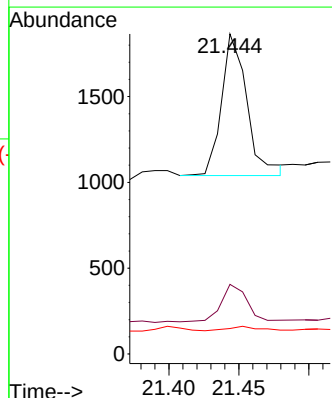
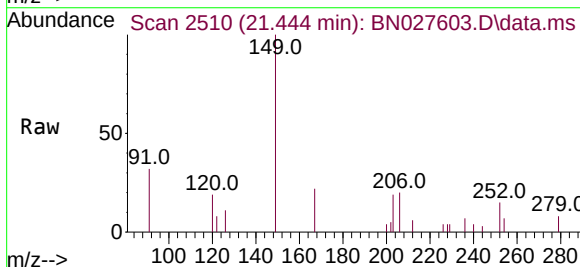
Instrument :
BNA_N
ClientSampleId :
OW-07B-65-083123

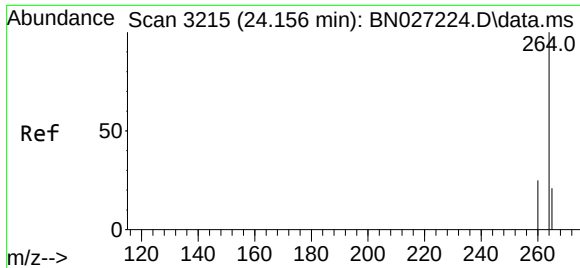
Tgt Ion:244 Resp: 14663
Ion Ratio Lower Upper
244 100
212 8.9 7.5 11.3
122 14.9 14.0 21.0



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.058 ng
RT: 21.444 min Scan# 2510
Delta R.T. -0.000 min
Lab File: BN027603.D
Acq: 12 Sep 2023 09:28

Tgt Ion:149 Resp: 1041
Ion Ratio Lower Upper
149 100
167 29.0 22.1 33.1
279 3.7 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: BN027603.D

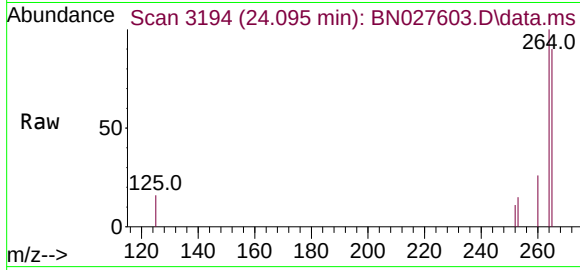
Acq: 12 Sep 2023 09:28

Instrument :

BNA_N

ClientSampleId :

OW-07B-65-083123



Tgt Ion:264 Resp: 10165

Ion Ratio Lower Upper

264 100

260 26.2 20.7 31.1

265 90.2 53.3 79.9#

