

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091323\
 Data File : BN027602.D
 Acq On : 12 Sep 2023 08:40
 Operator : MA/JU
 Sample : 04270-01
 Misc :
 ALS Vial : 103 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OW-05B-71.7-083123

Quant Time: Sep 12 11:23:06 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)

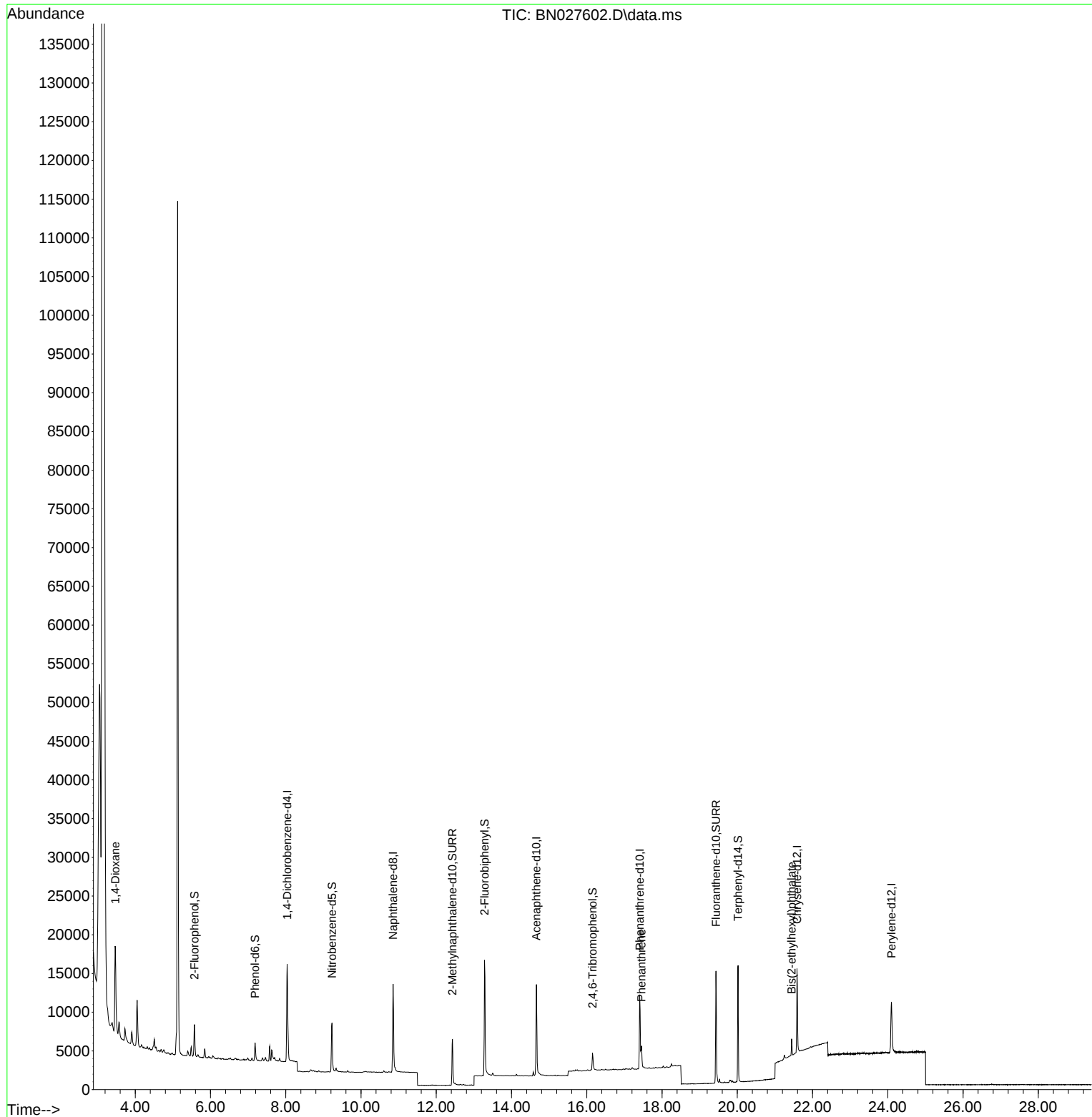
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.037	152	6238	0.400	ng	0.00
7) Naphthalene-d8	10.853	136	16432	0.400	ng	0.00
13) Acenaphthene-d10	14.662	164	7691	0.400	ng	0.00
19) Phenanthrene-d10	17.405	188	15104	0.400	ng	0.00
29) Chrysene-d12	21.587	240	11130	0.400	ng	0.00
35) Perylene-d12	24.098	264	10579	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.574	112	3904	0.240	ng	0.00
5) Phenol-d6	7.185	99	2482	0.126	ng	0.00
8) Nitrobenzene-d5	9.230	82	6105	0.510	ng	0.00
11) 2-Methylnaphthalene-d10	12.426	152	9240	0.383	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	1491	0.524	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	14951	0.511	ng	-0.01
27) Fluoranthene-d10	19.435	212	17002	0.453	ng	0.00
31) Terphenyl-d14	20.020	244	14872	0.665	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.473	88	11636	1.528	ng	# 94
25) Phenanthrene	17.455	178	3436	0.077	ng	98
34) Bis(2-ethylhexyl)phtha...	21.444	149	2016	0.110	ng	100

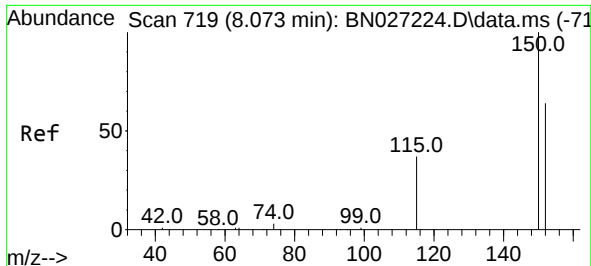
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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OW-05B-71.7-083123

Quant Time: Sep 12 11:23:06 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

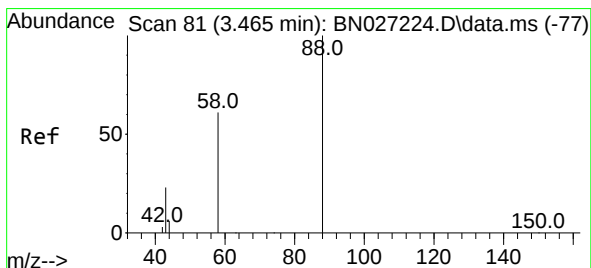
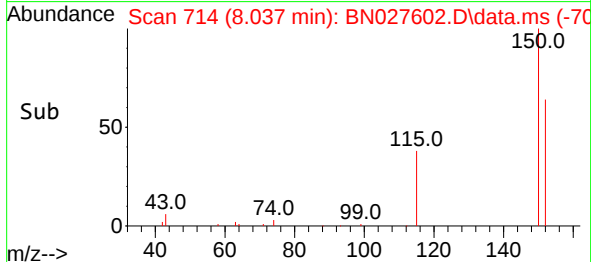
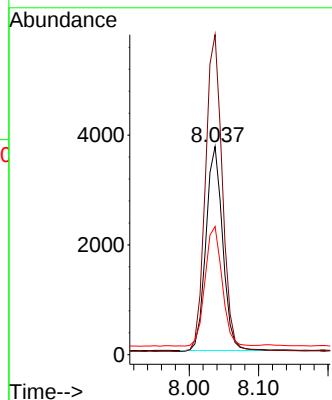
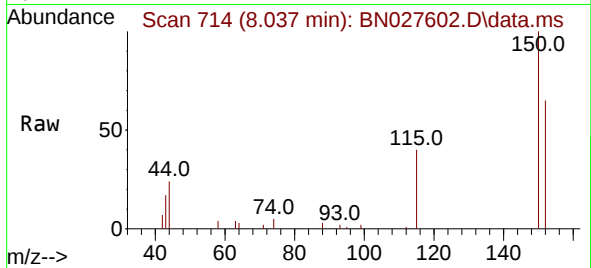




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.037 min Scan# 719
Delta R.T. 0.000 min
Lab File: BN027602.D
Acq: 12 Sep 2023 08:40

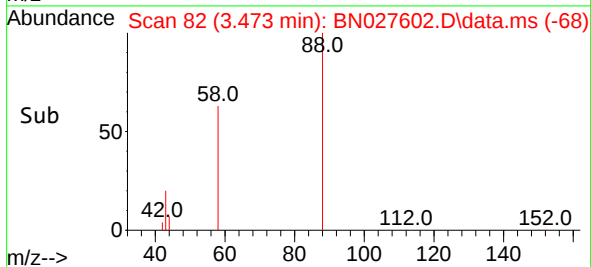
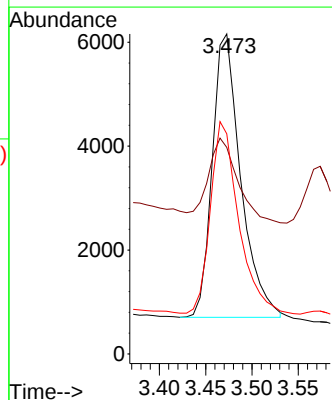
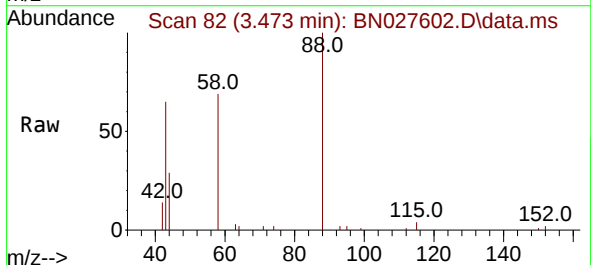
Instrument :
BNA_N
ClientSampleId :
OW-05B-71.7-083123

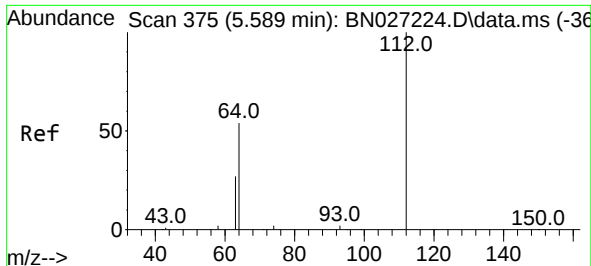
Tgt Ion:152 Resp: 6238
Ion Ratio Lower Upper
152 100
150 153.7 122.7 184.1
115 61.6 48.6 73.0



#2
1,4-Dioxane
Concen: 1.528 ng
RT: 3.473 min Scan# 82
Delta R.T. 0.000 min
Lab File: BN027602.D
Acq: 12 Sep 2023 08:40

Tgt Ion: 88 Resp: 11636
Ion Ratio Lower Upper
88 100
43 31.4 19.1 28.7#
58 66.8 52.2 78.2

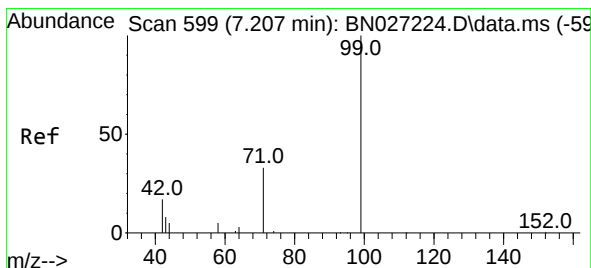
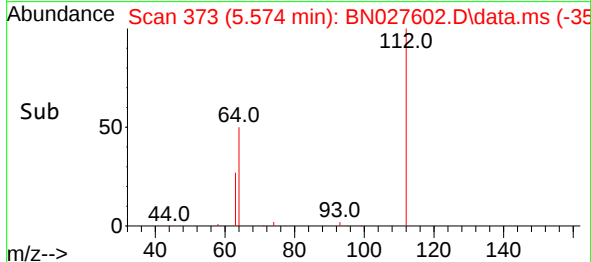
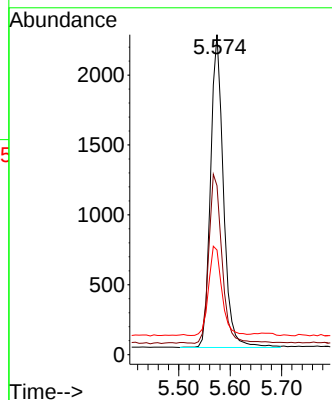
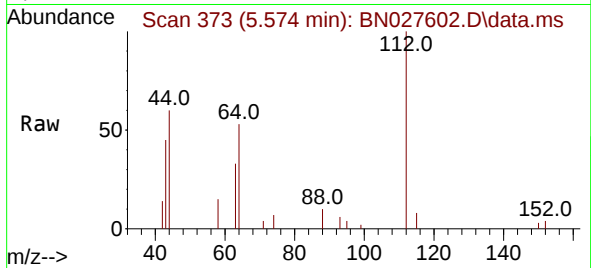




#4
2-Fluorophenol
Concen: 0.240 ng
RT: 5.574 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN027602.D
Acq: 12 Sep 2023 08:40

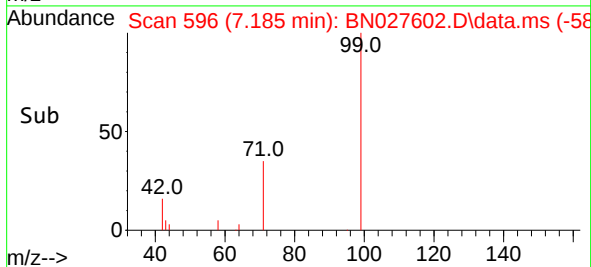
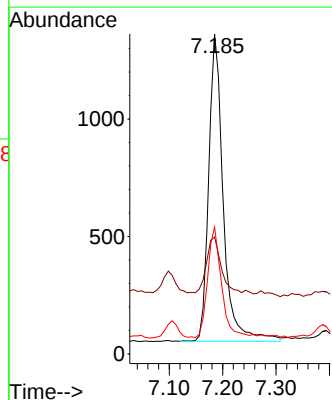
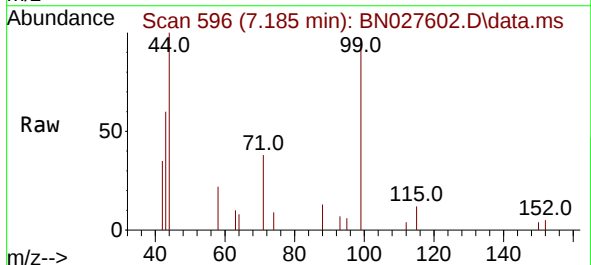
Instrument :
BNA_N
ClientSampleId :
OW-05B-71.7-083123

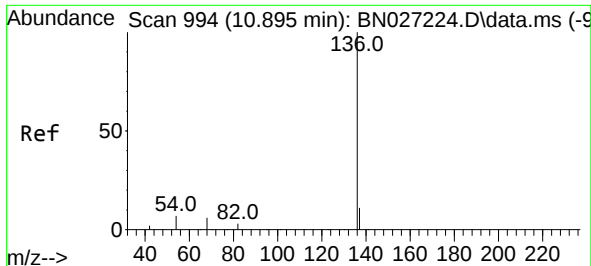
Tgt Ion: 112 Resp: 3904
Ion Ratio Lower Upper
112 100
64 55.5 44.4 66.6
63 29.1 23.1 34.7



#5
Phenol-d6
Concen: 0.126 ng
RT: 7.185 min Scan# 596
Delta R.T. 0.000 min
Lab File: BN027602.D
Acq: 12 Sep 2023 08:40

Tgt Ion: 99 Resp: 2482
Ion Ratio Lower Upper
99 100
42 19.9 14.5 21.7
71 34.9 25.8 38.6

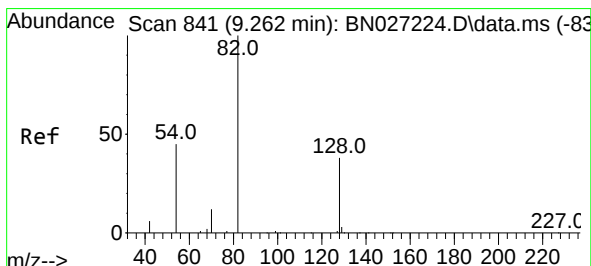
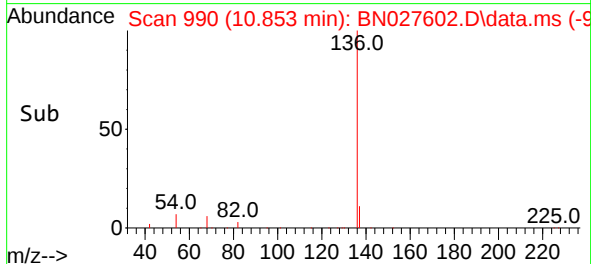
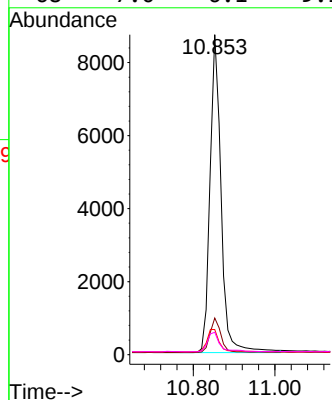
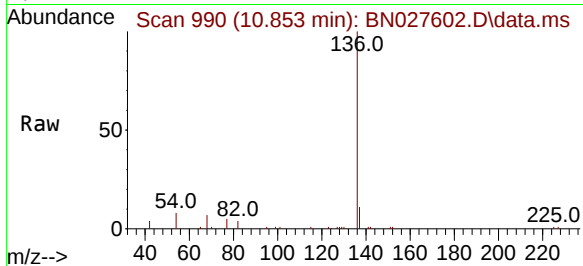




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.853 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN027602.D
Acq: 12 Sep 2023 08:40

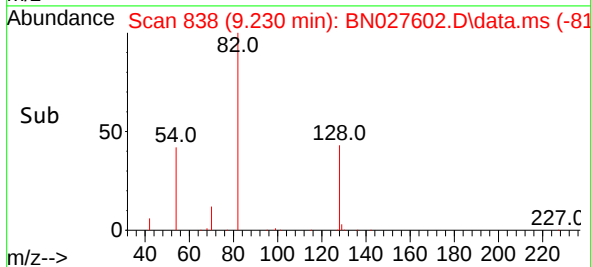
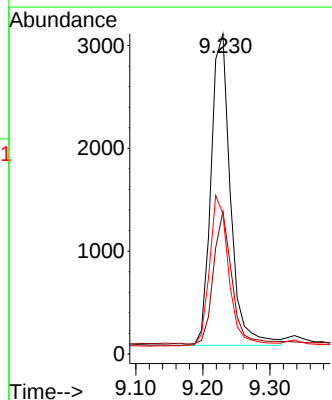
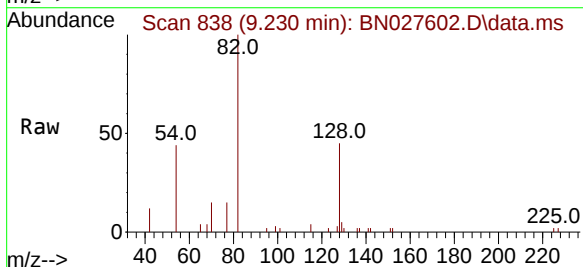
Instrument :
BNA_N
ClientSampleId :
OW-05B-71.7-083123

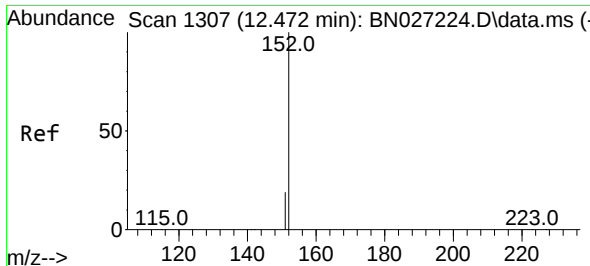
Tgt Ion:	136	Resp:	16432
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.3	13.9
54	7.9	6.7	10.1
68	7.0	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.510 ng
RT: 9.230 min Scan# 838
Delta R.T. 0.000 min
Lab File: BN027602.D
Acq: 12 Sep 2023 08:40

Tgt Ion:	82	Resp:	6105
Ion Ratio	Lower	Upper	
82	100		
128	44.6	33.4	50.0
54	43.8	37.7	56.5

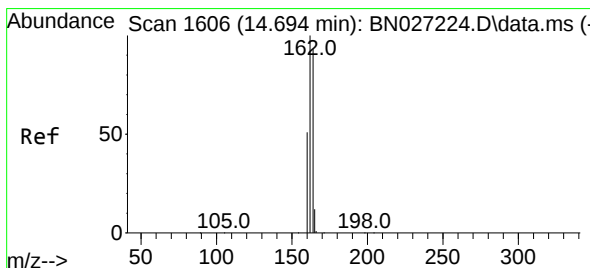
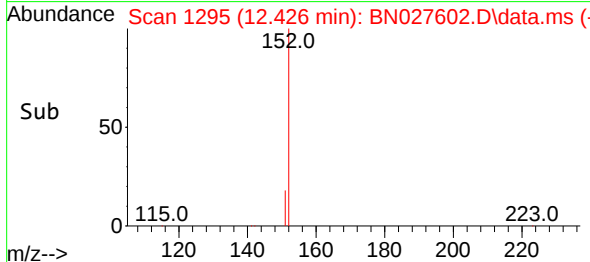
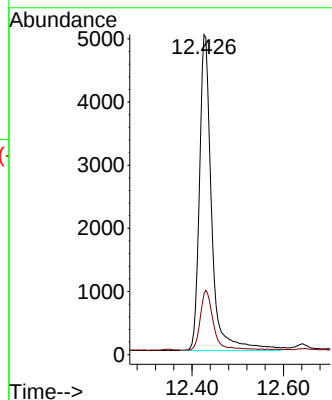
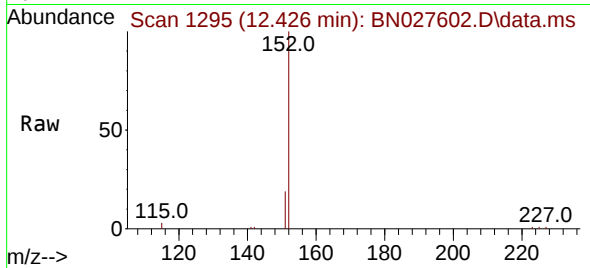




#11
2-Methylnaphthalene-d10
Concen: 0.383 ng
RT: 12.426 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN027602.D
Acq: 12 Sep 2023 08:40

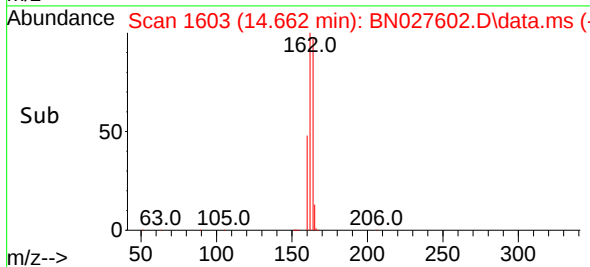
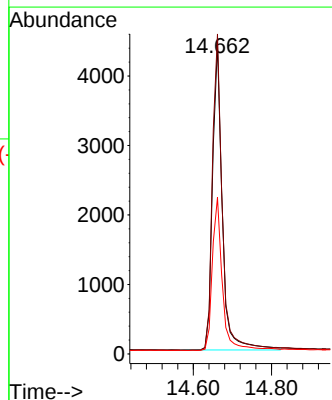
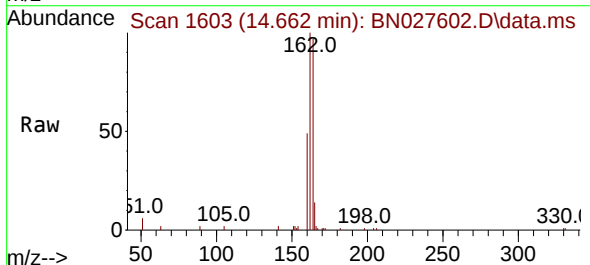
Instrument :
BNA_N
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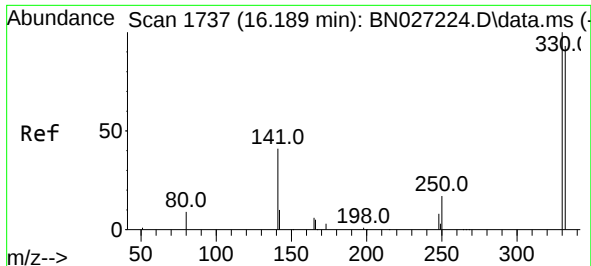
Tgt Ion:152 Resp: 9240
Ion Ratio Lower Upper
152 100
151 20.5 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.662 min Scan# 1603
Delta R.T. 0.000 min
Lab File: BN027602.D
Acq: 12 Sep 2023 08:40

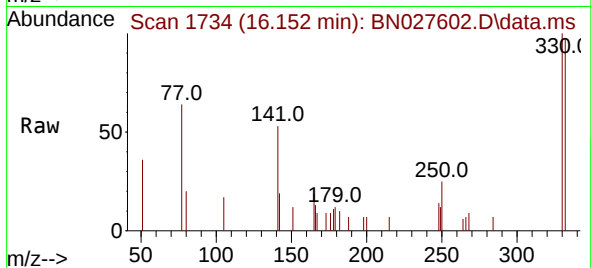
Tgt Ion:164 Resp: 7691
Ion Ratio Lower Upper
164 100
162 103.4 85.8 128.8
160 50.6 44.2 66.2



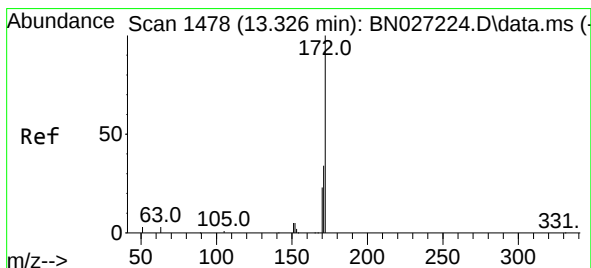
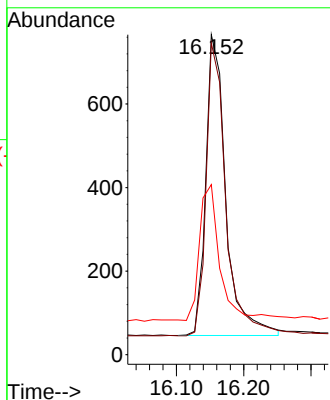
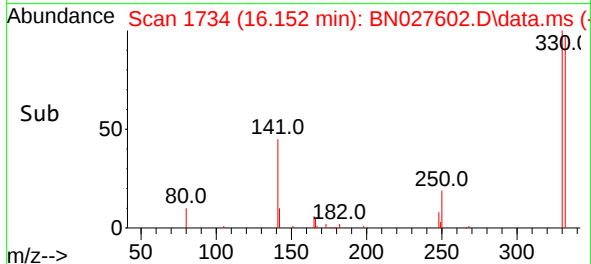


#14
2,4,6-Tribromophenol
Concen: 0.524 ng
RT: 16.152 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN027602.D
Acq: 12 Sep 2023 08:40

Instrument :
BNA_N
ClientSampleId :
OW-05B-71.7-083123

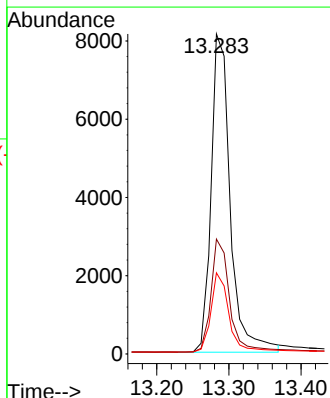
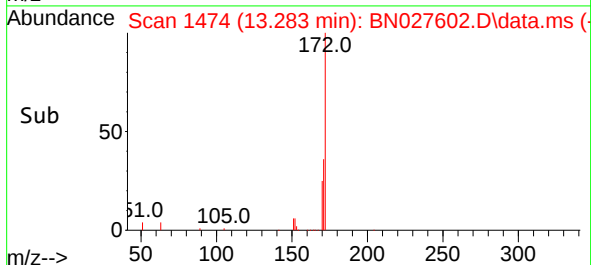
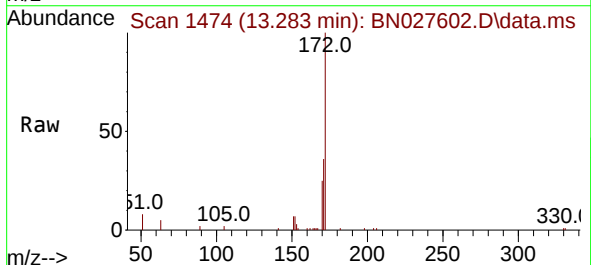


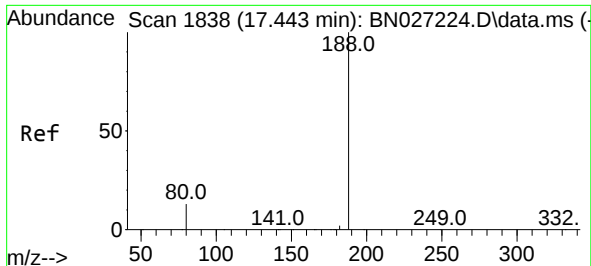
Tgt Ion:330 Resp: 1491
Ion Ratio Lower Upper
330 100
332 96.1 75.2 112.8
141 45.7 36.2 54.4



#15
2-Fluorobiphenyl
Concen: 0.511 ng
RT: 13.283 min Scan# 1474
Delta R.T. -0.011 min
Lab File: BN027602.D
Acq: 12 Sep 2023 08:40

Tgt Ion:172 Resp: 14951
Ion Ratio Lower Upper
172 100
171 35.9 27.8 41.8
170 25.4 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: BN027602.D

Acq: 12 Sep 2023 08:40

Instrument :

BNA_N

ClientSampleId :

OW-05B-71.7-083123

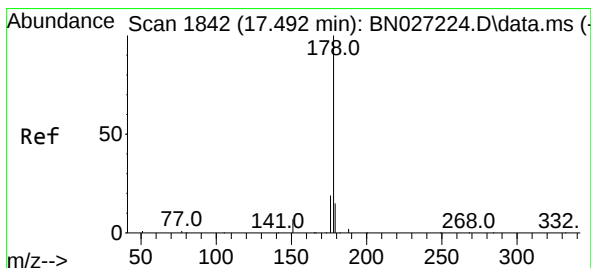
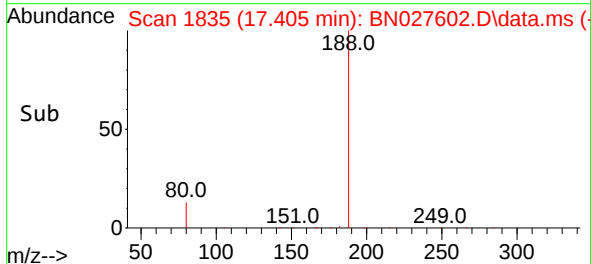
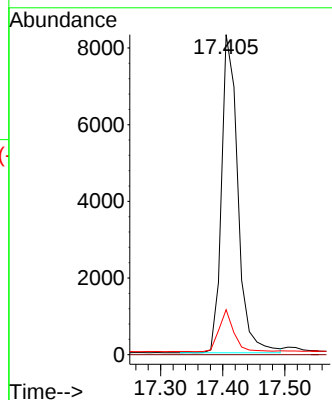
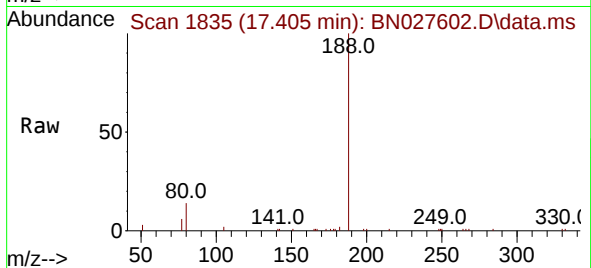
Tgt Ion:188 Resp: 15104

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.1 11.0 16.6



#25

Phenanthrene

Concen: 0.077 ng

RT: 17.455 min Scan# 1839

Delta R.T. 0.000 min

Lab File: BN027602.D

Acq: 12 Sep 2023 08:40

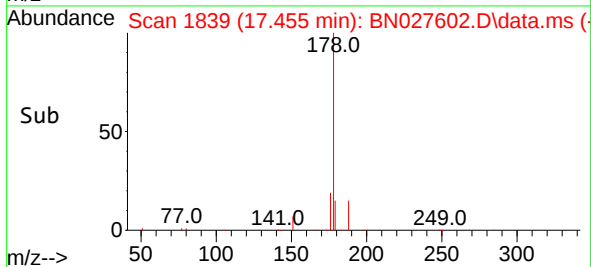
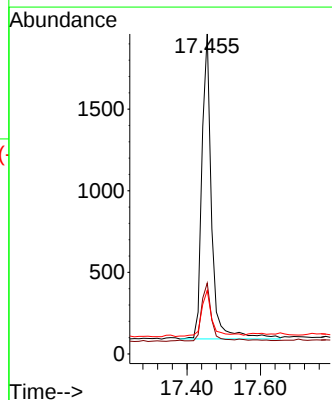
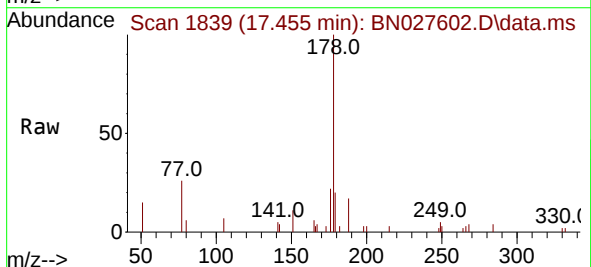
Tgt Ion:178 Resp: 3436

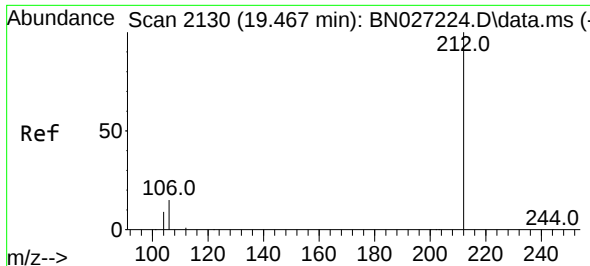
Ion Ratio Lower Upper

178 100

176 18.4 15.6 23.4

179 15.6 12.3 18.5

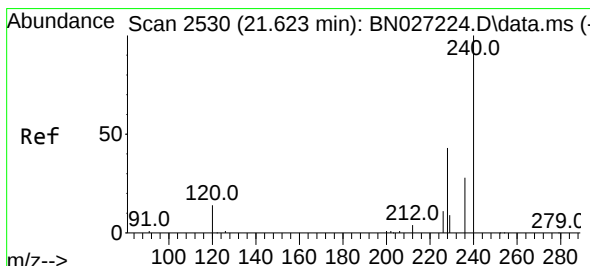
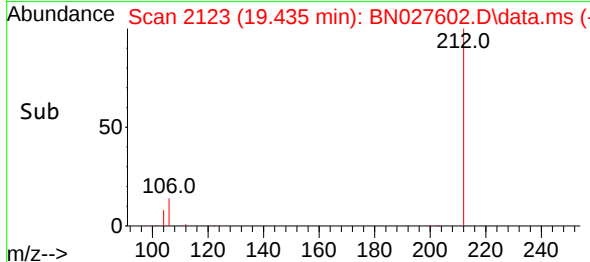
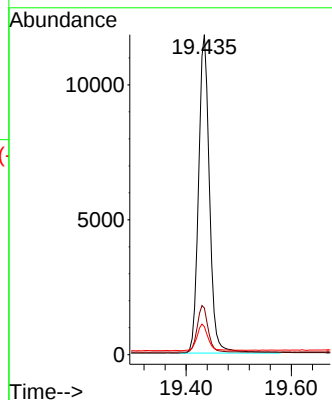
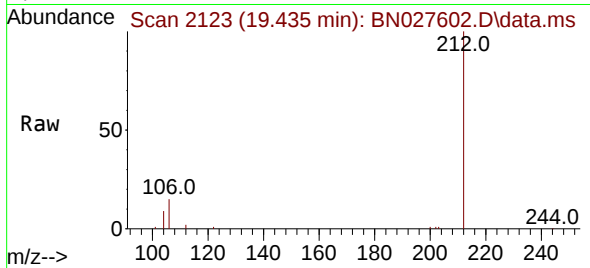




#27
Fluoranthene-d10
Concen: 0.453 ng
RT: 19.435 min Scan# 2112
Delta R.T. 0.000 min
Lab File: BN027602.D
Acq: 12 Sep 2023 08:40

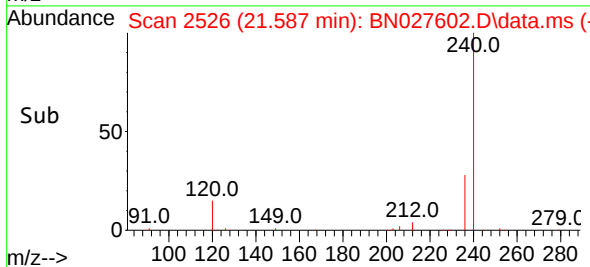
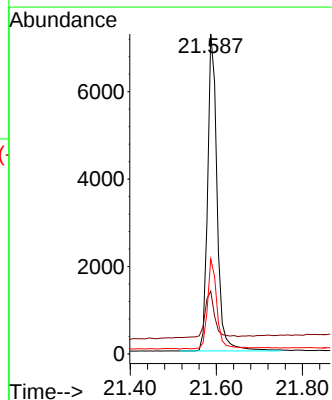
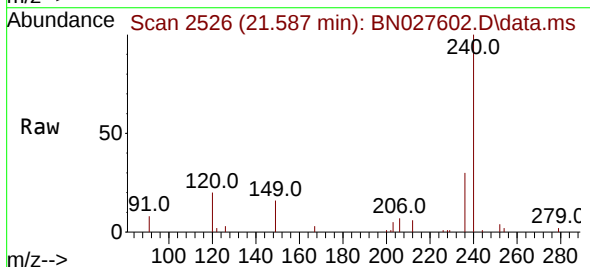
Instrument :
BNA_N
ClientSampleId :
OW-05B-71.7-083123

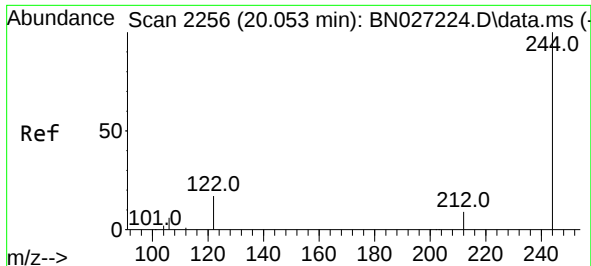
Tgt Ion:212 Resp: 17002
Ion Ratio Lower Upper
212 100
106 14.7 12.1 18.1
104 8.4 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.587 min Scan# 2526
Delta R.T. 0.000 min
Lab File: BN027602.D
Acq: 12 Sep 2023 08:40

Tgt Ion:240 Resp: 11130
Ion Ratio Lower Upper
240 100
120 19.6 14.2 21.4
236 29.7 22.9 34.3

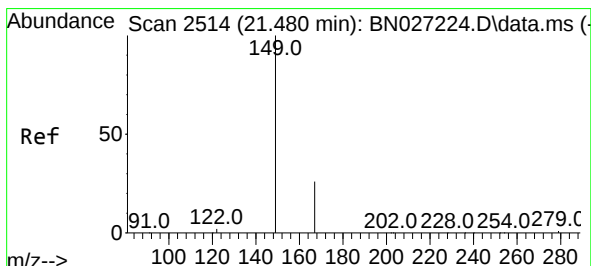
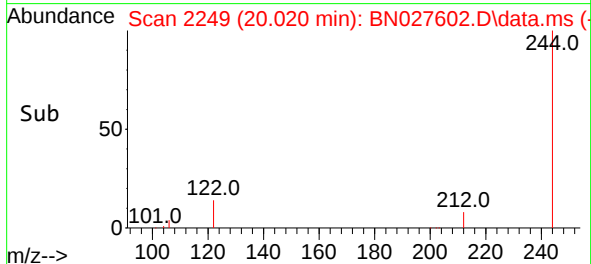
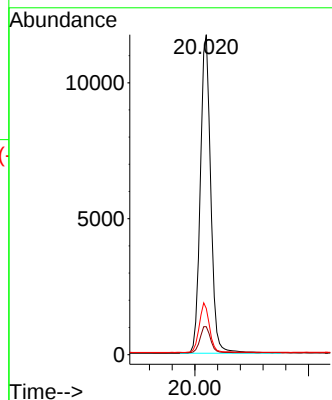
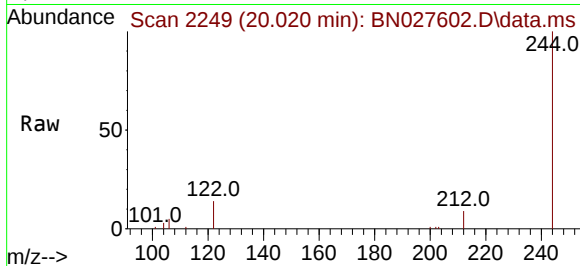




#31
 Terphenyl-d14
 Concen: 0.665 ng
 RT: 20.020 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN027602.D
 Acq: 12 Sep 2023 08:40

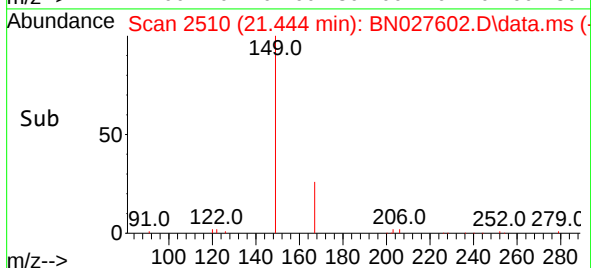
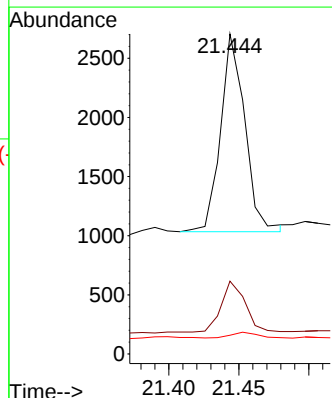
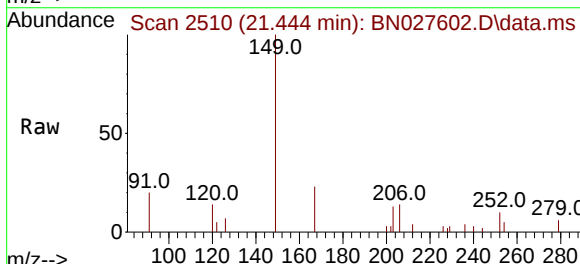
Instrument :
 BNA_N
 ClientSampleId :
 OW-05B-71.7-083123

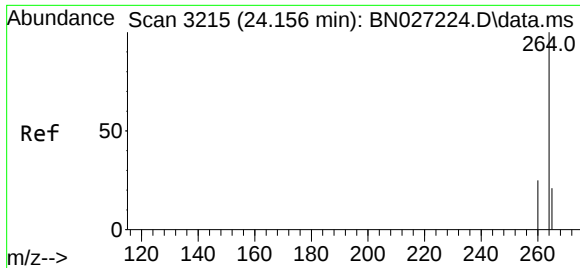
Tgt Ion:244 Resp: 14872
 Ion Ratio Lower Upper
 244 100
 212 8.7 7.5 11.3
 122 14.5 14.0 21.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.110 ng
 RT: 21.444 min Scan# 2510
 Delta R.T. 0.000 min
 Lab File: BN027602.D
 Acq: 12 Sep 2023 08:40

Tgt Ion:149 Resp: 2016
 Ion Ratio Lower Upper
 149 100
 167 27.3 22.1 33.1
 279 3.3 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: BN027602.D

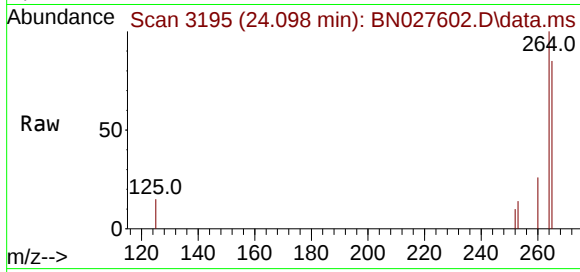
Acq: 12 Sep 2023 08:40

Instrument :

BNA_N

ClientSampleId :

OW-05B-71.7-083123



Tgt Ion:264 Resp: 10579

Ion Ratio Lower Upper

264 100

260 26.3 20.7 31.1

265 84.6 53.3 79.9#

