

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091123\
 Data File : BN027567.D
 Acq On : 11 Sep 2023 08:36
 Operator : MA/JU
 Sample : 04251-04
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OW-07B-65-083023-3V

Quant Time: Sep 12 01:29:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 11 05:26:09 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

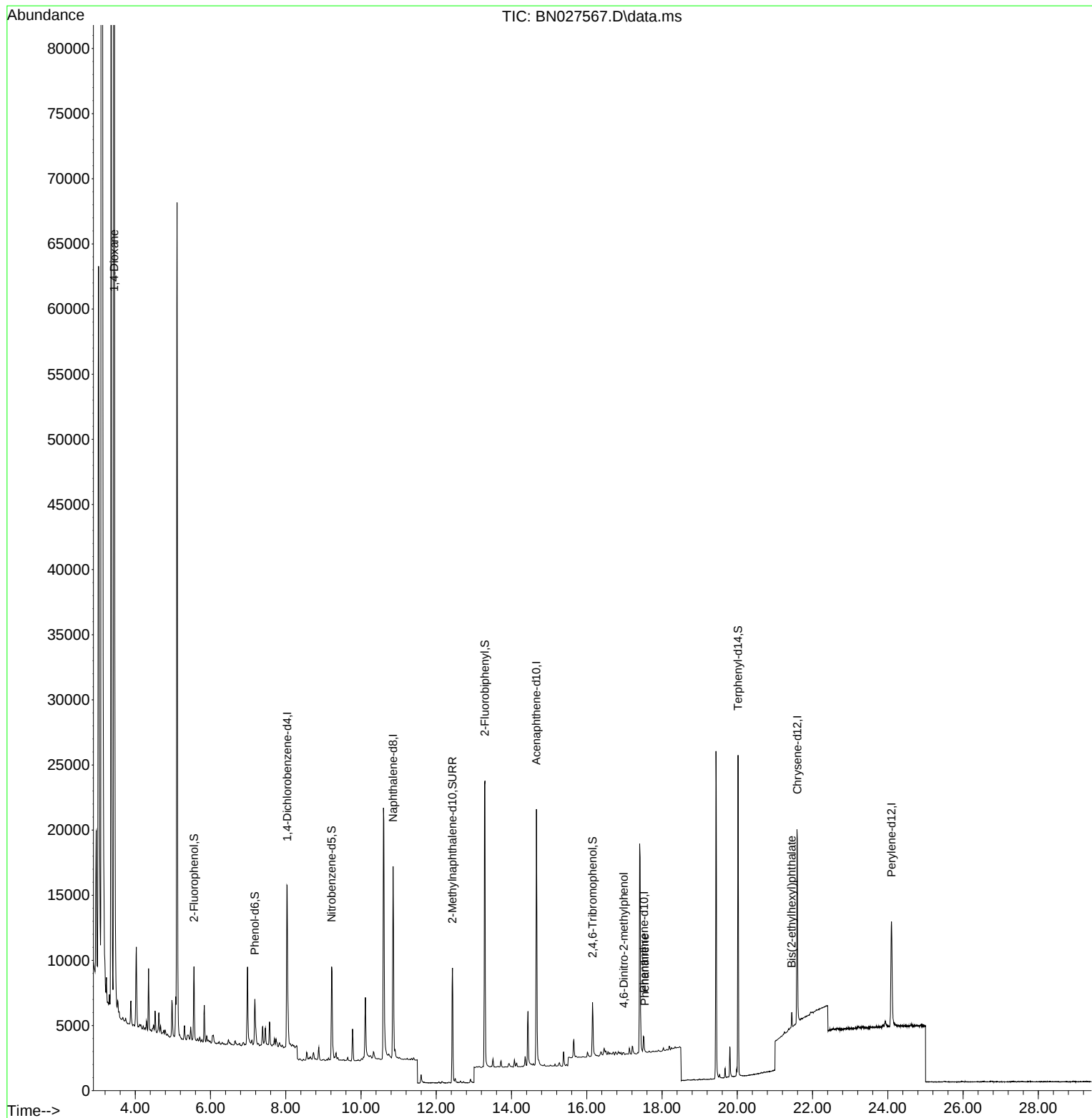
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.037	152	6251	0.400	ng	0.00
7) Naphthalene-d8	10.853	136	20002	0.400	ng	0.00
13) Acenaphthene-d10	14.662	164	11556	0.400	ng	0.00
19) Phenanthrene-d10	17.517	188	1947	0.400	ng	0.10
29) Chrysene-d12	21.596	240	16161	0.400	ng	# 0.00
35) Perylene-d12	24.098	264	13359	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.560	112	4538	0.278	ng	0.00
5) Phenol-d6	7.178	99	3317	0.167	ng	0.00
8) Nitrobenzene-d5	9.219	82	6700	0.460	ng	0.00
11) 2-Methylnaphthalene-d10	12.430	152	12466	0.424	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	2520	0.589	ng	0.00
15) 2-Fluorobiphenyl	13.293	172	21492	0.489	ng	0.00
27) Fluoranthene-d10	0.000	212	0	0.000	ng	
31) Terphenyl-d14	20.020	244	24268	0.748	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.436	88	172231	22.570	ng	Qvalue 98
20) 4,6-Dinitro-2-methylph...	16.983	198	13	0.469	ng	# 61
25) Phenanthrene	17.542	178	146	0.026	ng	# 83
34) Bis(2-ethylhexyl)phtha...	21.444	149	1223	0.046	ng	94

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

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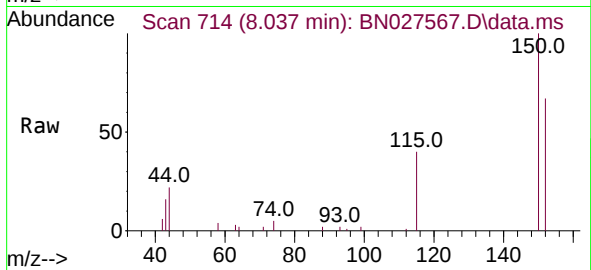
Quant Time: Sep 12 01:29:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 11 05:26:09 2023
Response via : Initial Calibration



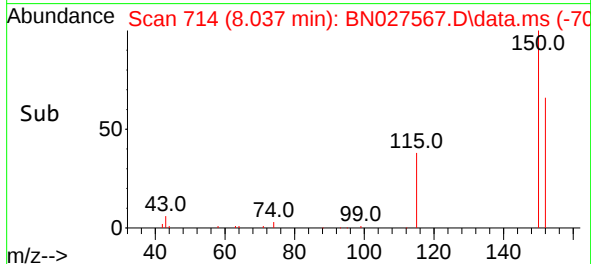
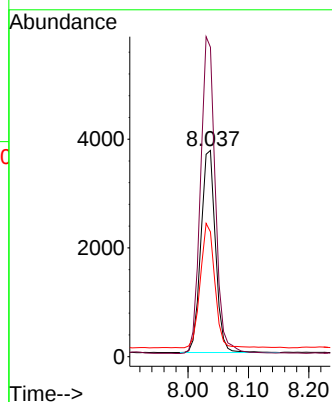


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.037 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN027567.D
Acq: 11 Sep 2023 08:36

Instrument :
BNA_N
ClientSampleId :
OW-07B-65-083023-3V

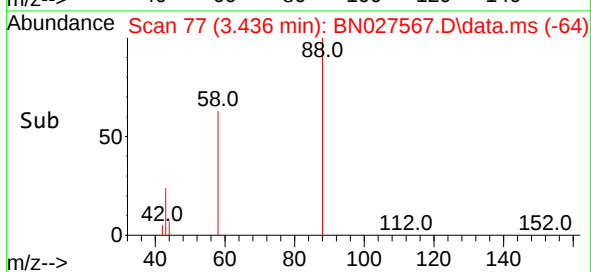
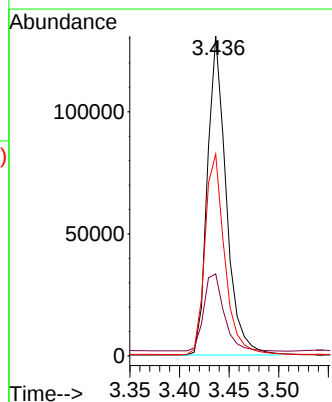
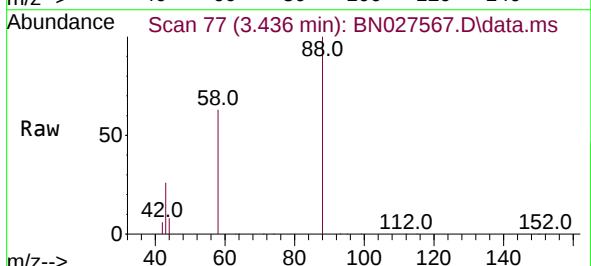


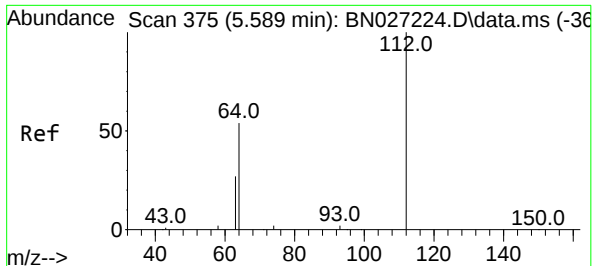
Tgt Ion:152 Resp: 6251
Ion Ratio Lower Upper
152 100
150 150.1 122.7 184.1
115 60.5 48.6 73.0



#2
1,4-Dioxane
Concen: 22.570 ng
RT: 3.436 min Scan# 77
Delta R.T. -0.007 min
Lab File: BN027567.D
Acq: 11 Sep 2023 08:36

Tgt Ion: 88 Resp: 172231
Ion Ratio Lower Upper
88 100
43 26.1 19.1 28.7
58 65.6 52.2 78.2

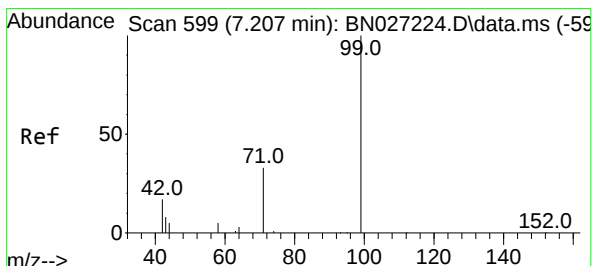
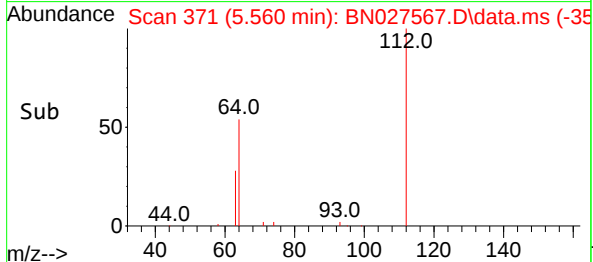
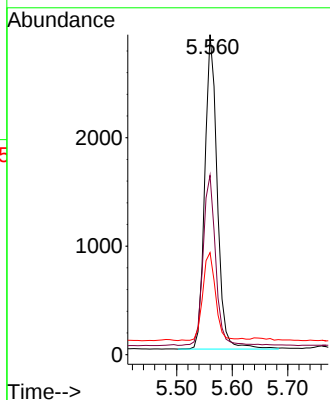
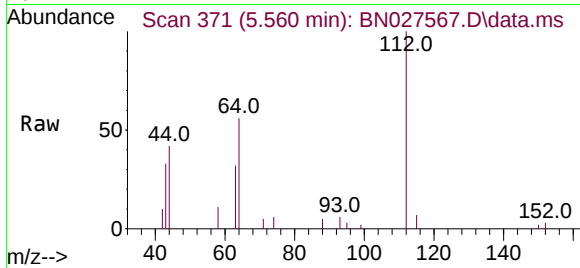




#4
2-Fluorophenol
Concen: 0.278 ng
RT: 5.560 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN027567.D
Acq: 11 Sep 2023 08:36

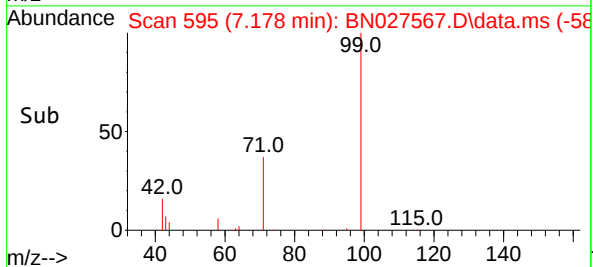
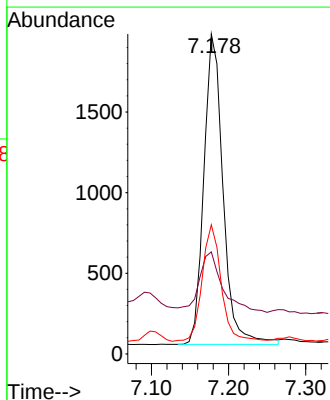
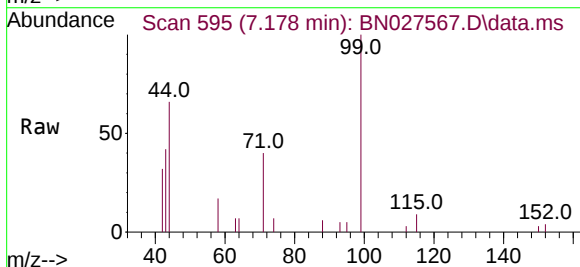
Instrument :
BNA_N
ClientSampleId :
OW-07B-65-083023-3V

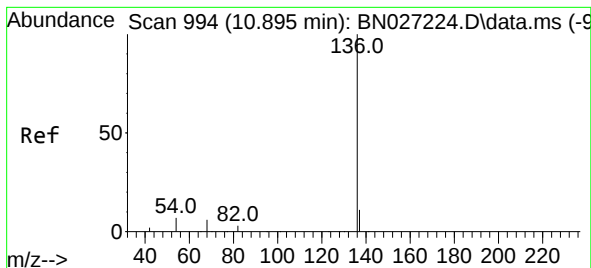
Tgt Ion:112 Resp: 4538
Ion Ratio Lower Upper
112 100
64 54.4 44.4 66.6
63 28.7 23.1 34.7



#5
Phenol-d6
Concen: 0.167 ng
RT: 7.178 min Scan# 595
Delta R.T. -0.000 min
Lab File: BN027567.D
Acq: 11 Sep 2023 08:36

Tgt Ion: 99 Resp: 3317
Ion Ratio Lower Upper
99 100
42 23.5 14.5 21.7#
71 37.3 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: BN027567.D

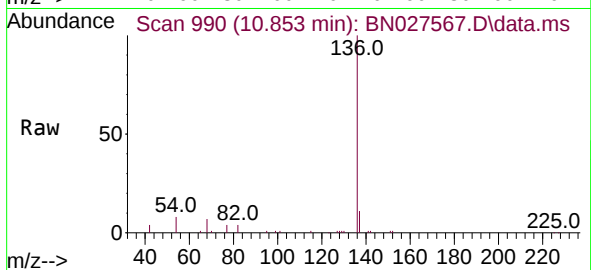
Acq: 11 Sep 2023 08:36

Instrument :

BNA_N

ClientSampleId :

OW-07B-65-083023-3V



Tgt Ion:136 Resp: 20002

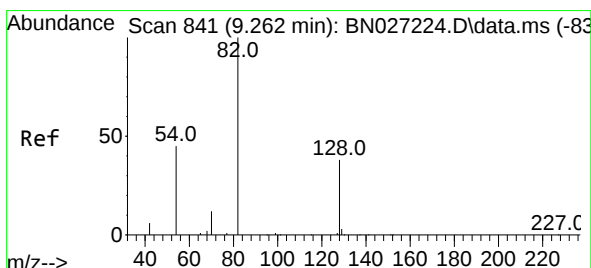
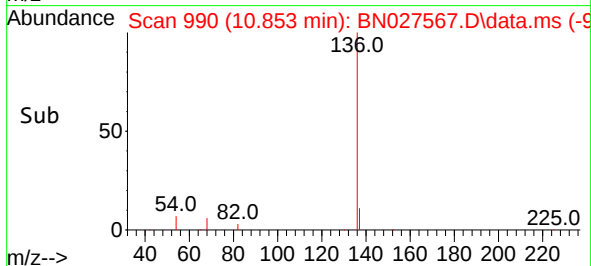
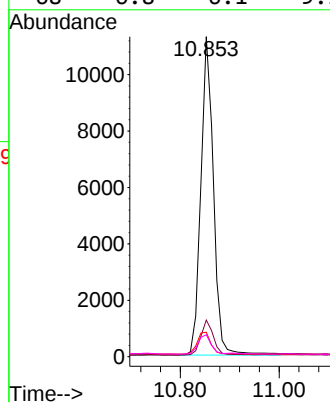
Ion Ratio Lower Upper

136 100

137 11.5 9.3 13.9

54 7.7 6.7 10.1

68 6.8 6.1 9.1



#8

Nitrobenzene-d5

Concen: 0.460 ng

RT: 9.219 min Scan# 837

Delta R.T. -0.000 min

Lab File: BN027567.D

Acq: 11 Sep 2023 08:36

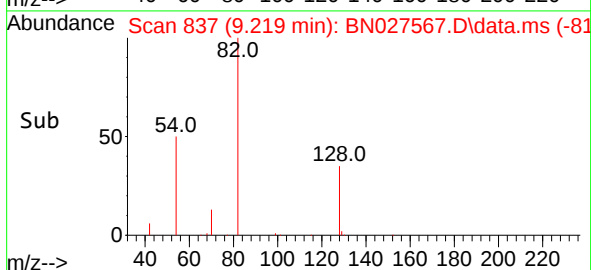
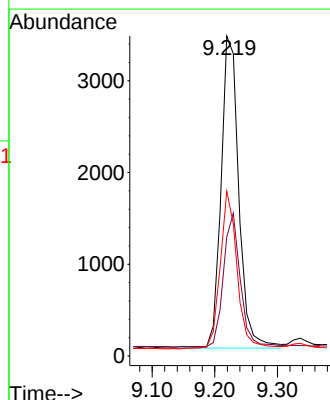
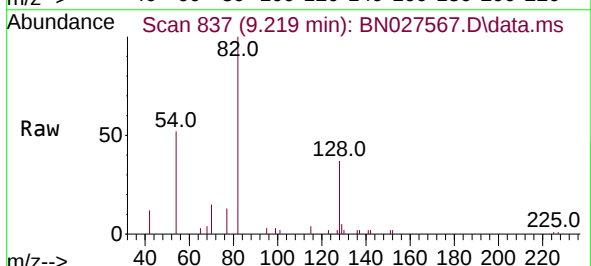
Tgt Ion: 82 Resp: 6700

Ion Ratio Lower Upper

82 100

128 37.2 33.4 50.0

54 51.5 37.7 56.5





#11

2-Methylnaphthalene-d10

Concen: 0.424 ng

RT: 12.430 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN027567.D

Acq: 11 Sep 2023 08:36

Instrument :

BNA_N

ClientSampleId :

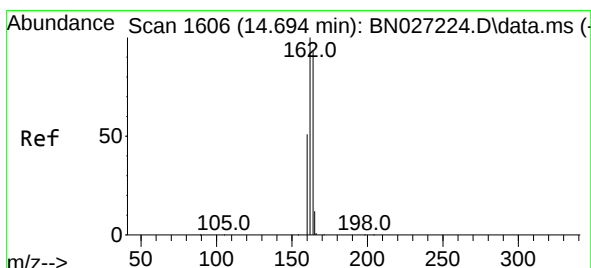
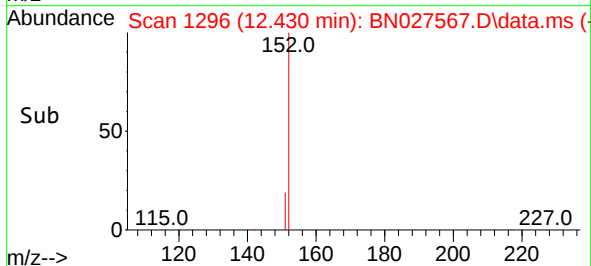
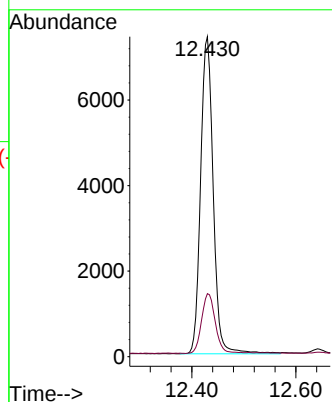
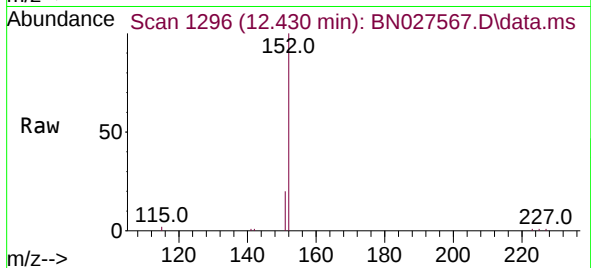
OW-07B-65-083023-3V

Tgt Ion:152 Resp: 12466

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: BN027567.D

Acq: 11 Sep 2023 08:36

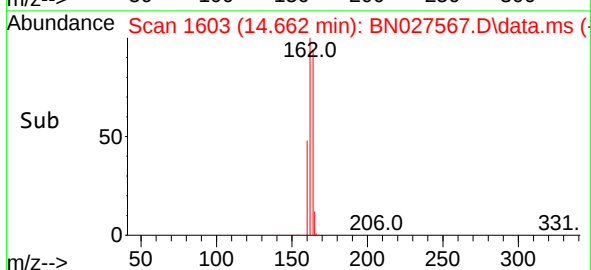
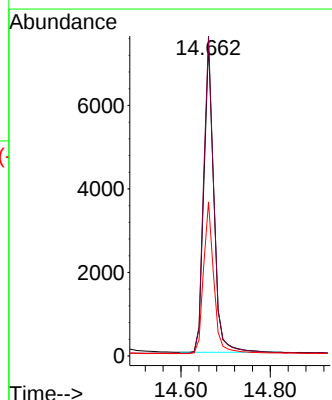
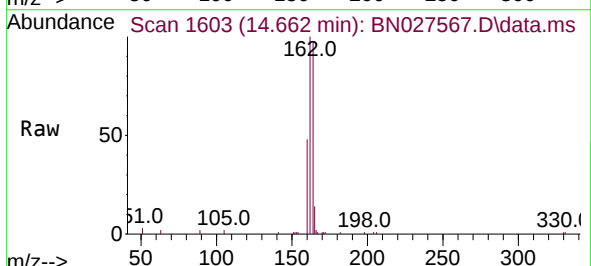
Tgt Ion:164 Resp: 11556

Ion Ratio Lower Upper

164 100

162 102.6 85.8 128.8

160 49.4 44.2 66.2

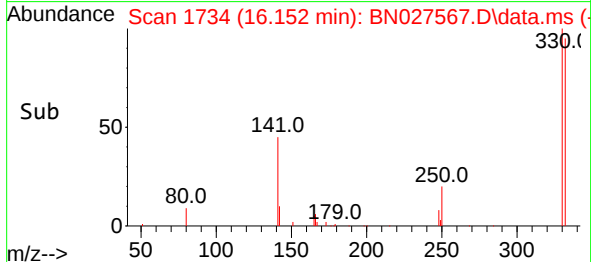
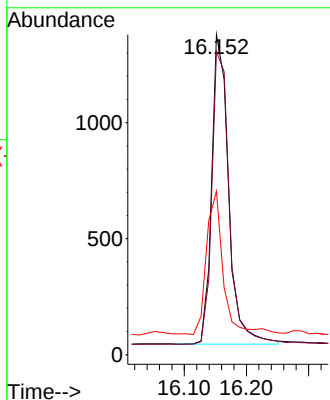
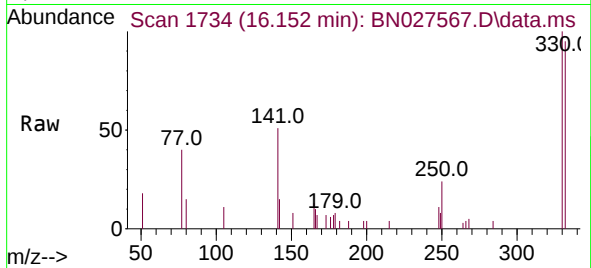




#14
2,4,6-Tribromophenol
Concen: 0.589 ng
RT: 16.152 min Scan# 1734
Delta R.T. -0.000 min
Lab File: BN027567.D
Acq: 11 Sep 2023 08:36

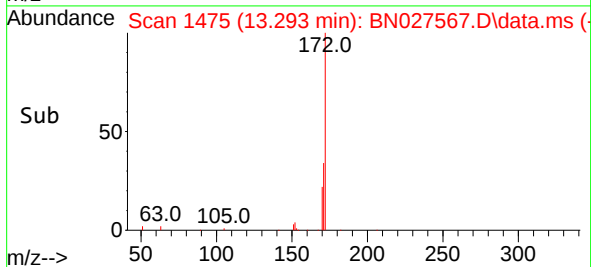
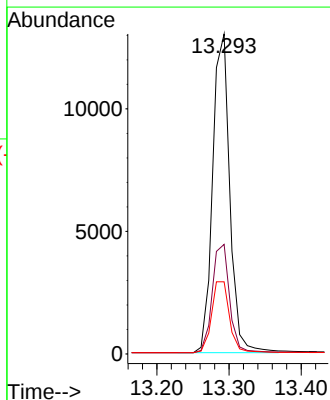
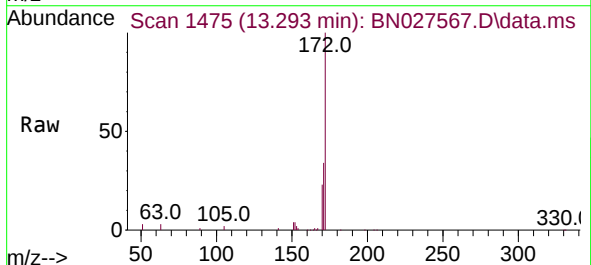
Instrument :
BNA_N
ClientSampleId :
OW-07B-65-083023-3V

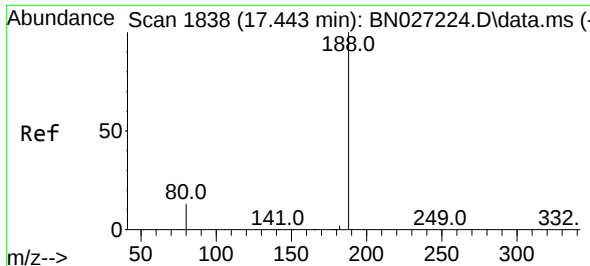
Tgt Ion:330 Resp: 2520
Ion Ratio Lower Upper
330 100
332 97.9 75.2 112.8
141 45.2 36.2 54.4



#15
2-Fluorobiphenyl
Concen: 0.489 ng
RT: 13.293 min Scan# 1475
Delta R.T. -0.000 min
Lab File: BN027567.D
Acq: 11 Sep 2023 08:36

Tgt Ion:172 Resp: 21492
Ion Ratio Lower Upper
172 100
171 34.2 27.8 41.8
170 22.6 19.3 28.9

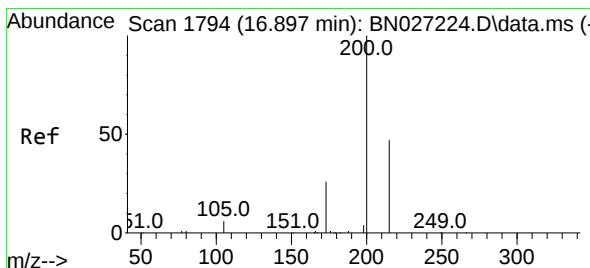
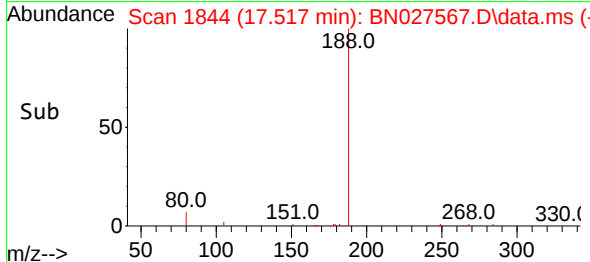
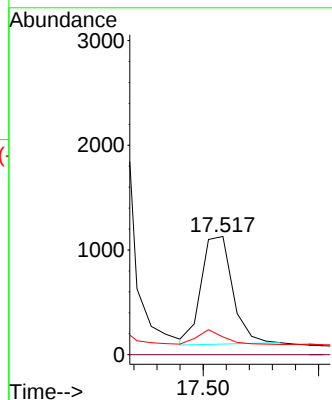
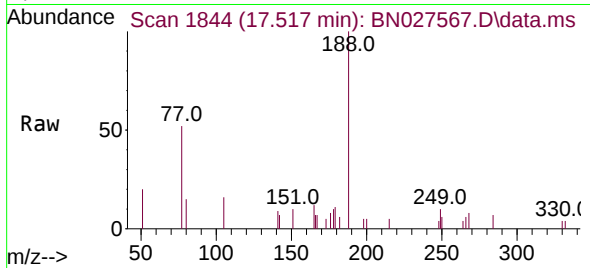




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.517 min Scan# 1844
Delta R.T. 0.099 min
Lab File: BN027567.D
Acq: 11 Sep 2023 08:36

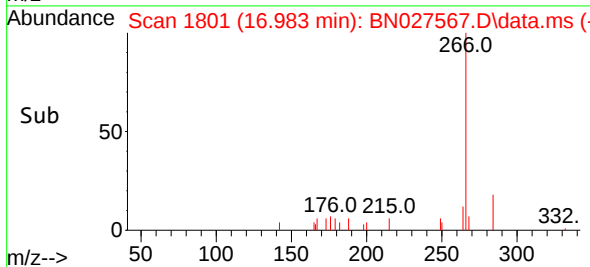
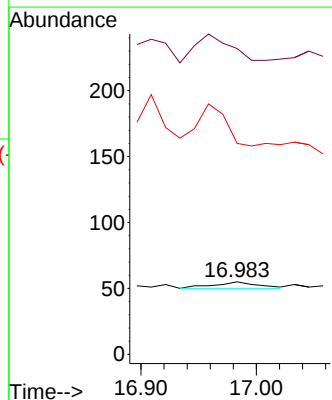
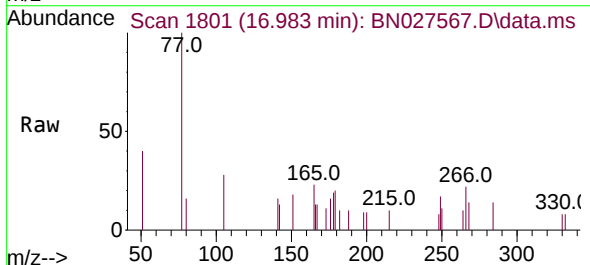
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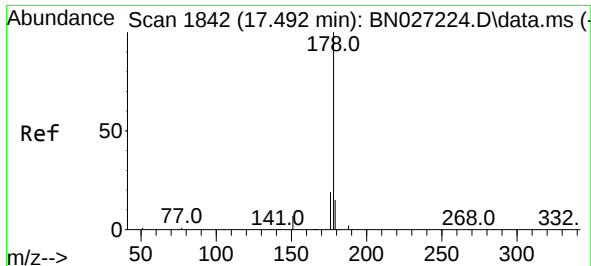
Tgt Ion:188 Resp: 1947
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.1 11.0 16.6



#20
4,6-Dinitro-2-methylphenol
Concen: 0.469 ng
RT: 16.983 min Scan# 1801
Delta R.T. 0.124 min
Lab File: BN027567.D
Acq: 11 Sep 2023 08:36

Tgt Ion:198 Resp: 13
Ion Ratio Lower Upper
198 100
51 421.8 282.2 423.2
105 290.9 168.7 253.1#

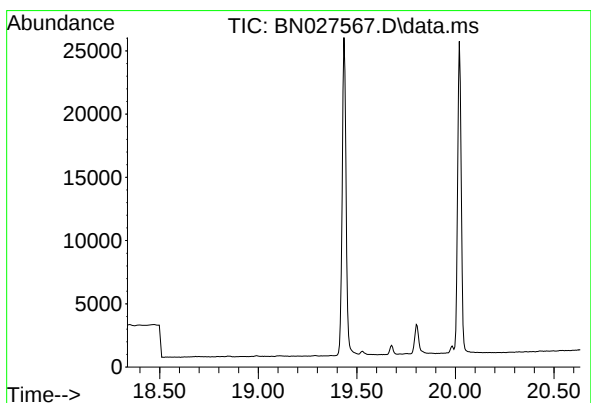
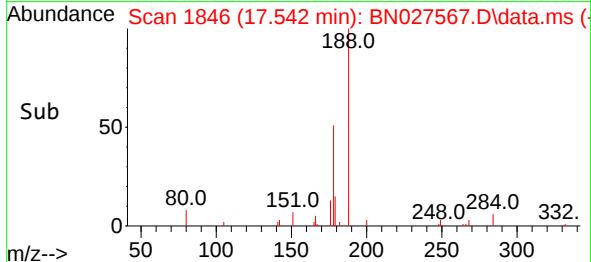
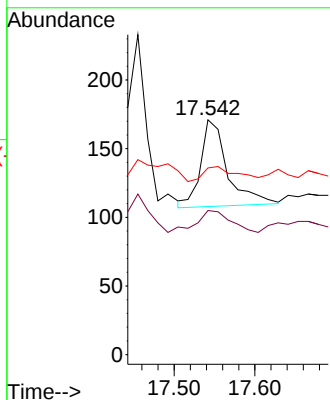
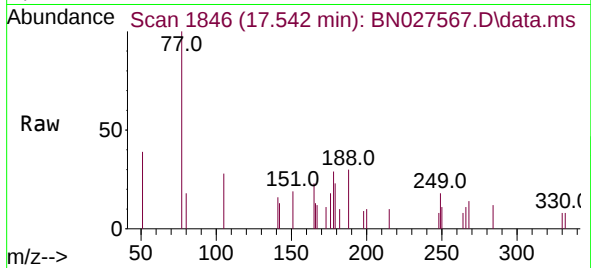




#25
Phenanthrene
Concen: 0.026 ng
RT: 17.542 min Scan# 11
Delta R.T. 0.087 min
Lab File: BN027567.D
Acq: 11 Sep 2023 08:36

Instrument :
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ClientSampleId :
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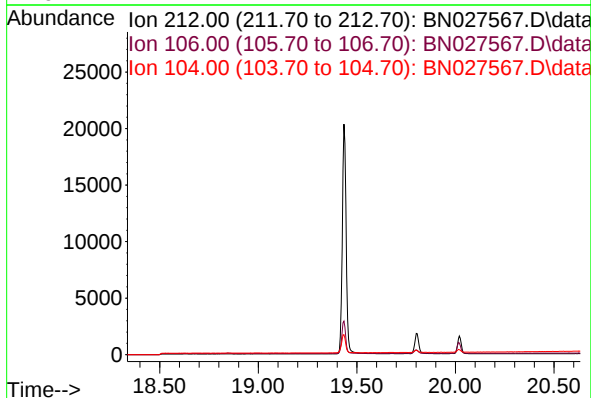
Tgt Ion:178 Resp: 146
Ion Ratio Lower Upper
178 100
176 28.1 15.6 23.4#
179 21.9 12.3 18.5#

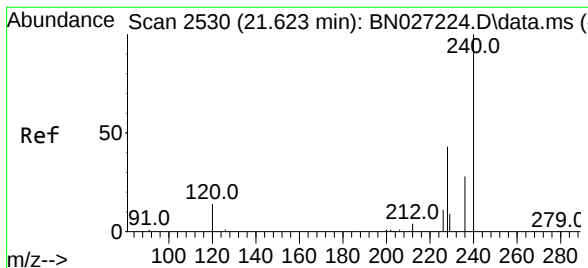


#27
Fluoranthene-d10
Concen: 0.000 ng
Expected RT: 19.43 min

Lab File: BN027567.D
Acq: 11 Sep 2023 08:36

Tgt Ion: 212
Sig Exp Ratio
212 100
106 15.1
104 8.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.596 min Scan# 21

Delta R.T. 0.009 min

Lab File: BN027567.D

Acq: 11 Sep 2023 08:36

Instrument :

BNA_N

ClientSampleId :

OW-07B-65-083023-3V

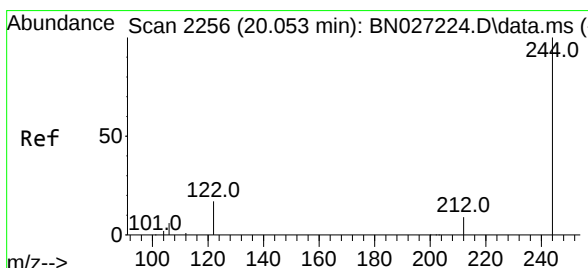
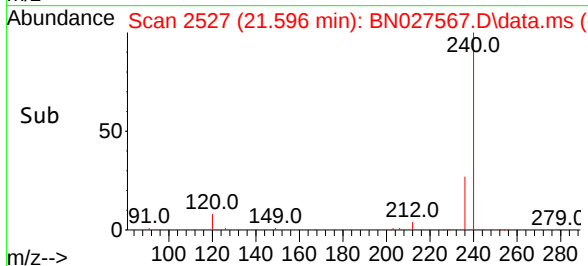
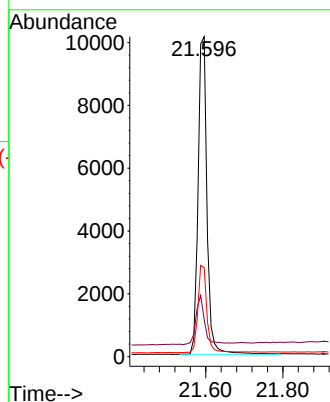
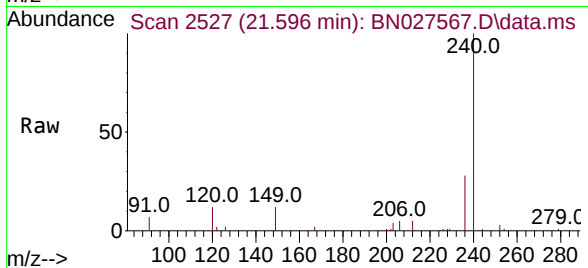
Tgt Ion:240 Resp: 16161

Ion Ratio Lower Upper

240 100

120 11.5 14.2 21.4#

236 27.9 22.9 34.3



#31

Terphenyl-d14

Concen: 0.748 ng

RT: 20.020 min Scan# 2249

Delta R.T. -0.000 min

Lab File: BN027567.D

Acq: 11 Sep 2023 08:36

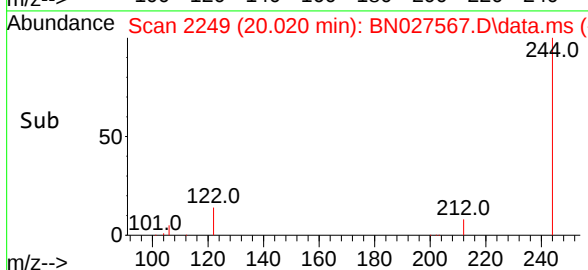
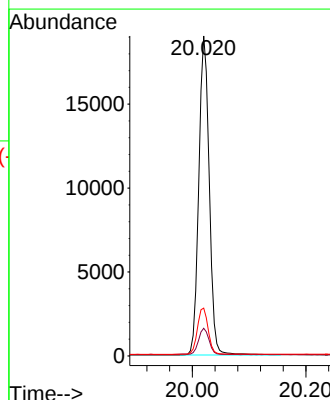
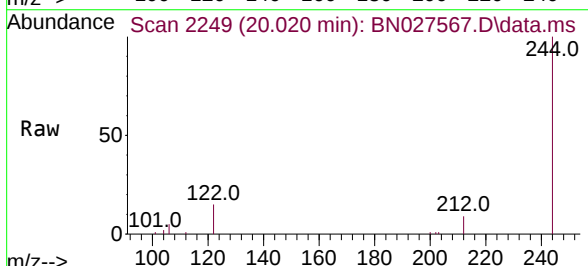
Tgt Ion:244 Resp: 24268

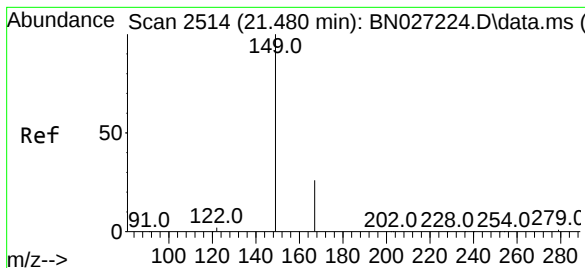
Ion Ratio Lower Upper

244 100

212 8.7 7.5 11.3

122 15.0 14.0 21.0





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.046 ng

RT: 21.444 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN027567.D

Acq: 11 Sep 2023 08:36

Instrument :

BNA_N

ClientSampleId :

OW-07B-65-083023-3V

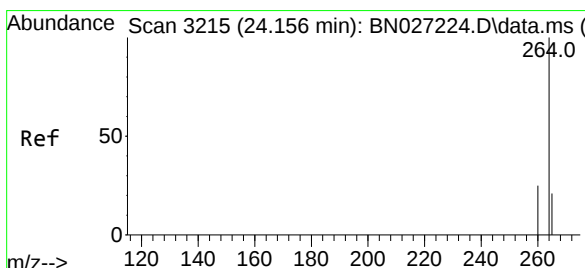
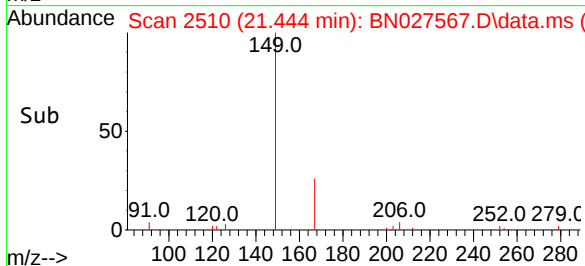
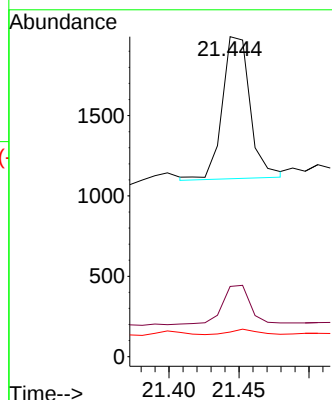
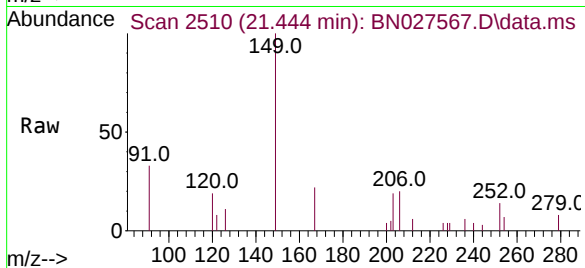
Tgt Ion:149 Resp: 1223

Ion Ratio Lower Upper

149 100

167 31.2 22.1 33.1

279 3.6 2.7 4.1



#35

Perylene-d12

Concen: 0.400 ng

RT: 24.098 min Scan# 3195

Delta R.T. 0.003 min

Lab File: BN027567.D

Acq: 11 Sep 2023 08:36

Tgt Ion:264 Resp: 13359

Ion Ratio Lower Upper

264 100

260 26.2 20.7 31.1

265 74.0 53.3 79.9

