

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091022\
 Data File : BN021671.D
 Acq On : 09 Sep 2022 21:28
 Operator : CG/JU
 Sample : N4492-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BR-03D-479.5-499.5-090122

Quant Time: Sep 09 23:23:46 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 09 23:19:14 2022
 Response via : Initial Calibration

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

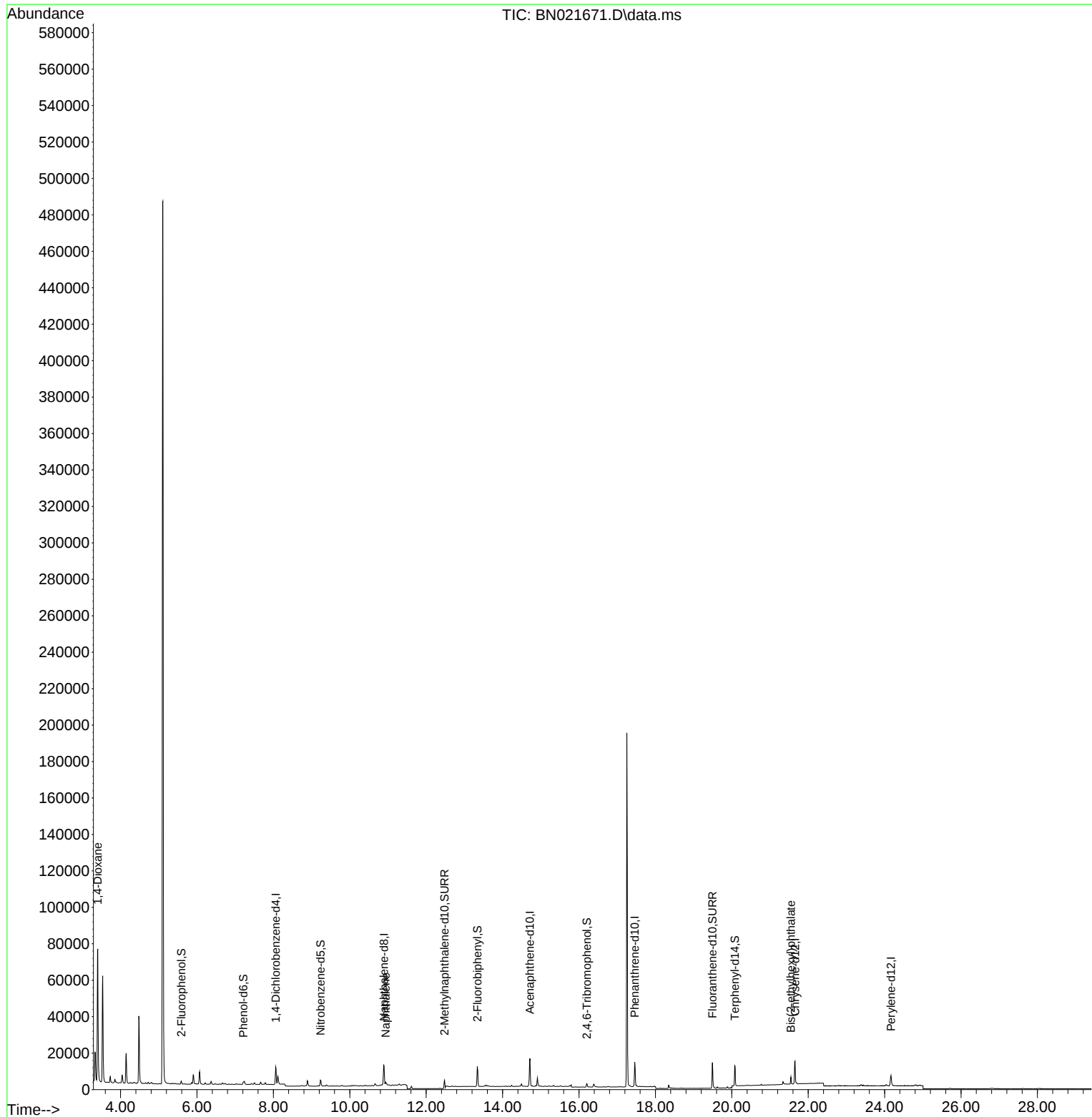
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.061	152	4797	0.400	ng	0.00
7) Naphthalene-d8	10.898	136	15957	0.400	ng	0.00
13) Acenaphthene-d10	14.717	164	8967	0.400	ng	0.00
19) Phenanthrene-d10	17.459	188	18236	0.400	ng	#-0.01
29) Chrysene-d12	21.655	240	12364	0.400	ng	0.00
35) Perylene-d12	24.164	264	8751	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.591	112	1388	0.148	ng	0.00
5) Phenol-d6	7.216	99	1161	0.097	ng	0.00
8) Nitrobenzene-d5	9.232	82	3044	0.282	ng	0.00
11) 2-Methylnaphthalene-d10	12.478	152	8786	0.244	ng	0.00
14) 2,4,6-Tribromophenol	16.208	330	1097	0.373	ng	0.00
15) 2-Fluorobiphenyl	13.338	172	9919	0.253	ng	0.00
27) Fluoranthene-d10	19.493	212	14692	0.313	ng	0.00
31) Terphenyl-d14	20.078	244	10486	0.377	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.403	88	50907	8.485	ng	# 89
9) Naphthalene	10.941	128	1901	0.040	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.547	149	3634	0.209	ng	95

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

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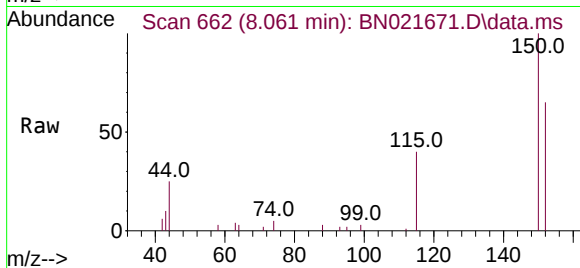
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 09 23:19:14 2022
Response via : Initial Calibration



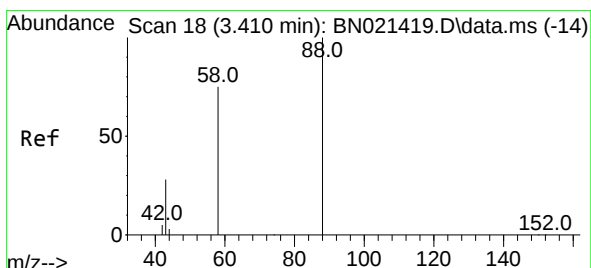
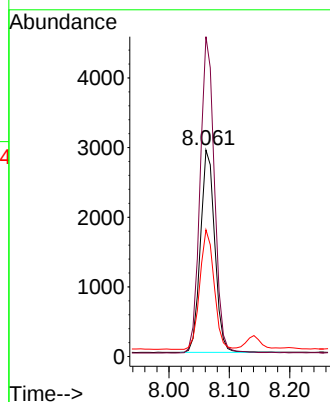
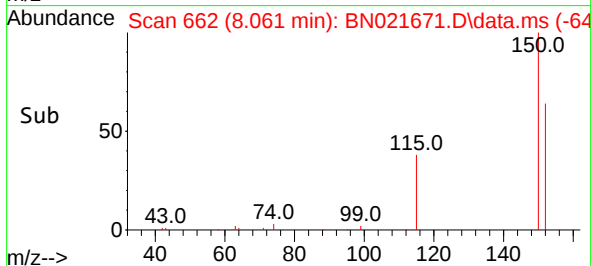


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.061 min Scan# 60
 Delta R.T. -0.001 min
 Lab File: BN021671.D
 Acq: 09 Sep 2022 21:28

Instrument :
 BNA_N
 ClientSampleId :
 BR-03D-479.5-499.5-090122

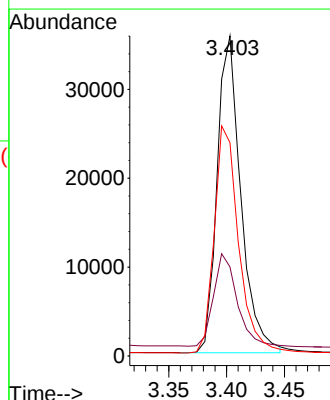
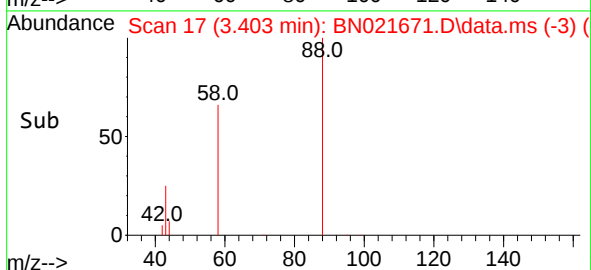
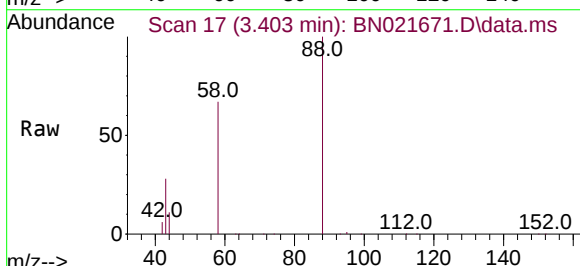


Tgt Ion:152 Resp: 4797
 Ion Ratio Lower Upper
 152 100
 150 155.0 121.4 182.0
 115 61.4 48.6 72.8



#2
 1,4-Dioxane
 Concen: 8.485 ng
 RT: 3.403 min Scan# 17
 Delta R.T. -0.000 min
 Lab File: BN021671.D
 Acq: 09 Sep 2022 21:28

Tgt Ion: 88 Resp: 50907
 Ion Ratio Lower Upper
 88 100
 43 28.8 35.8 53.8#
 58 73.1 57.1 85.7





#4

2-Fluorophenol

Concen: 0.148 ng

RT: 5.591 min Scan# 31

Delta R.T. -0.000 min

Lab File: BN021671.D

Acq: 09 Sep 2022 21:28

Instrument :

BNA_N

ClientSampleId :

BR-03D-479.5-499.5-090122

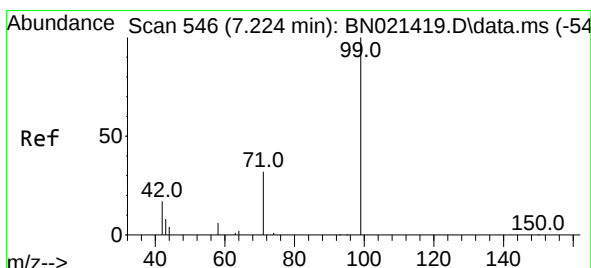
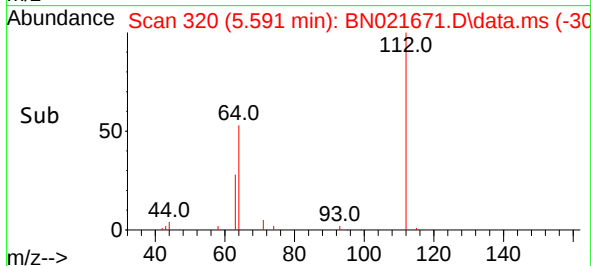
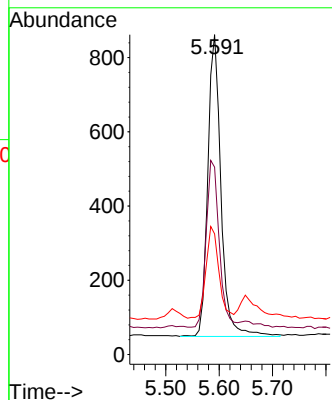
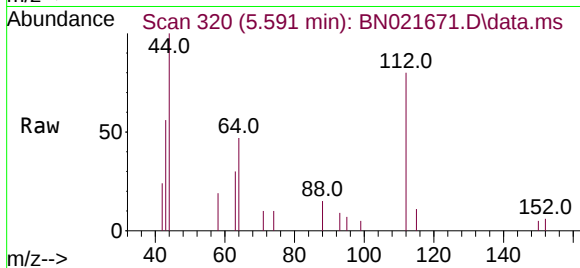
Tgt Ion:112 Resp: 1388

Ion Ratio Lower Upper

112 100

64 54.4 43.5 65.3

63 29.3 22.6 34.0



#5

Phenol-d6

Concen: 0.097 ng

RT: 7.216 min Scan# 545

Delta R.T. -0.000 min

Lab File: BN021671.D

Acq: 09 Sep 2022 21:28

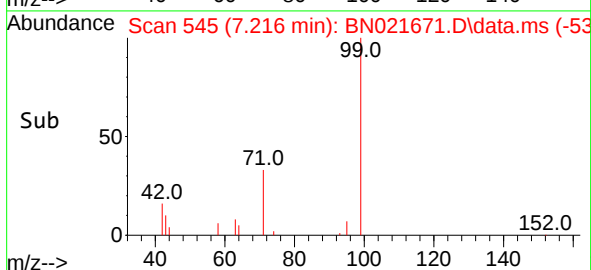
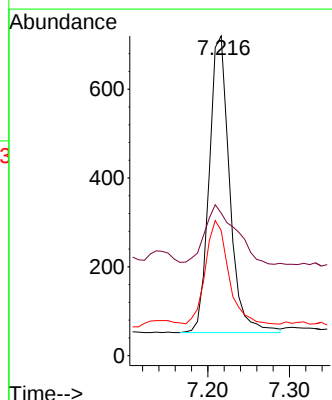
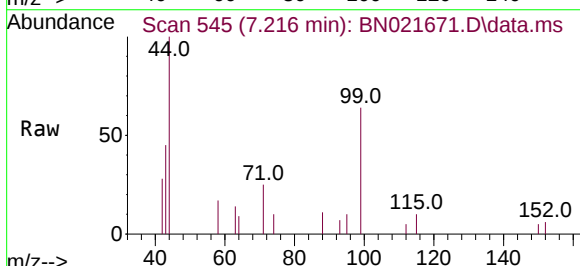
Tgt Ion: 99 Resp: 1161

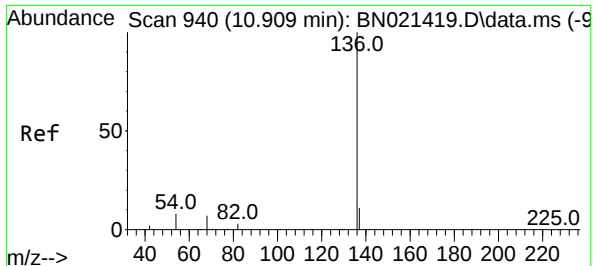
Ion Ratio Lower Upper

99 100

42 30.9 15.5 23.3#

71 39.4 24.2 36.2#

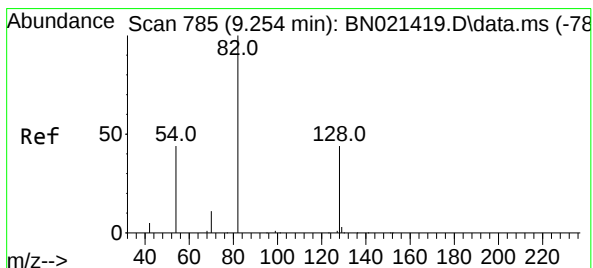
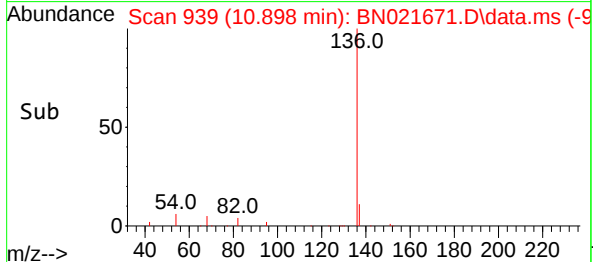
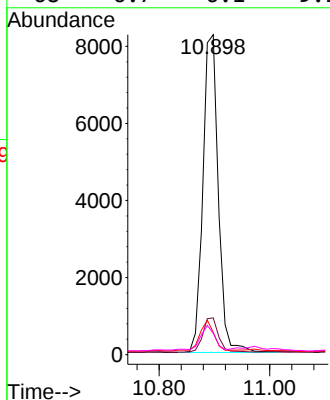
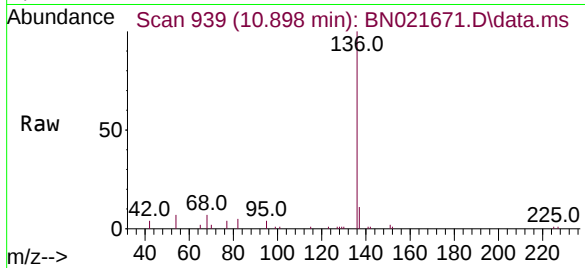




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.898 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN021671.D
Acq: 09 Sep 2022 21:28

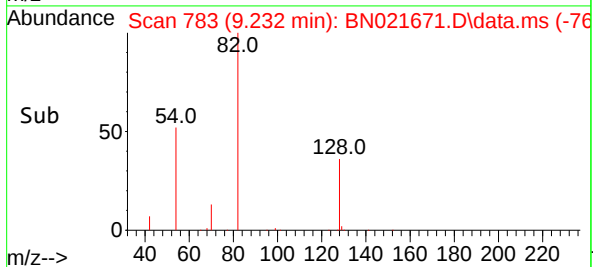
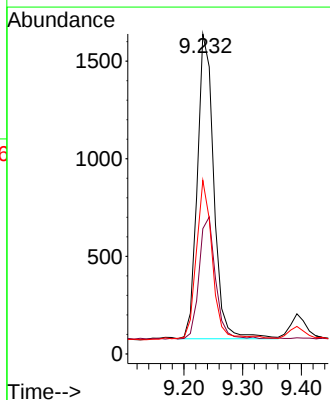
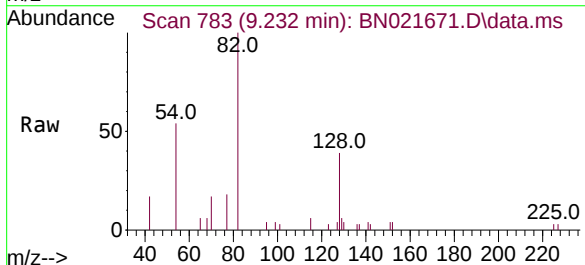
Instrument :
BNA_N
ClientSampleId :
BR-03D-479.5-499.5-090122

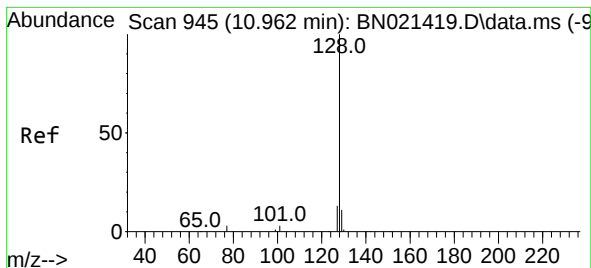
Tgt Ion:136	Resp:	15957
Ion	Ratio	Lower Upper
136	100	
137	11.5	9.3 13.9
54	7.0	6.9 10.3
68	6.7	6.1 9.1



#8
Nitrobenzene-d5
Concen: 0.282 ng
RT: 9.232 min Scan# 783
Delta R.T. -0.000 min
Lab File: BN021671.D
Acq: 09 Sep 2022 21:28

Tgt Ion: 82	Resp:	3044
Ion	Ratio	Lower Upper
82	100	
128	39.1	30.9 46.3
54	54.2	42.7 64.1





#9

Naphthalene

Concen: 0.040 ng

RT: 10.941 min Scan# 94

Delta R.T. -0.000 min

Lab File: BN021671.D

Acq: 09 Sep 2022 21:28

Instrument :

BNA_N

ClientSampleId :

BR-03D-479.5-499.5-090122

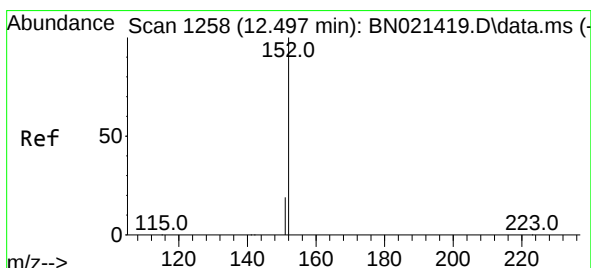
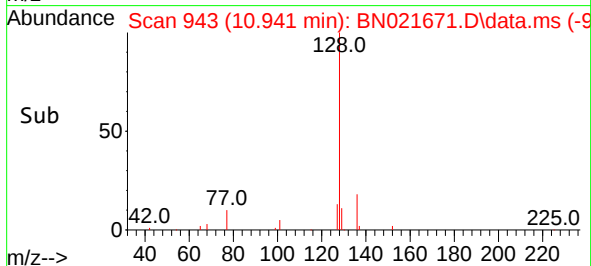
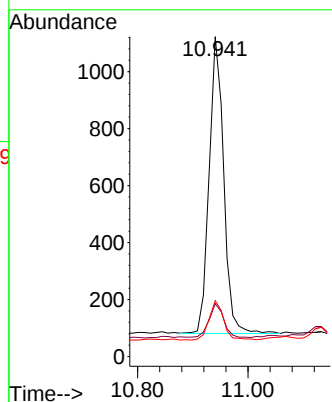
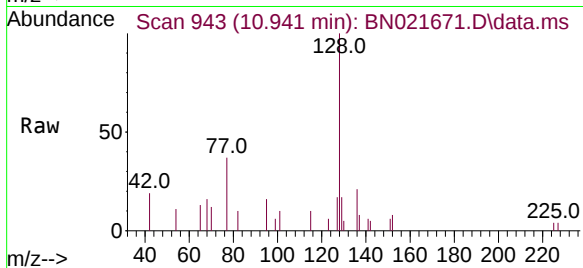
Tgt Ion:128 Resp: 1901

Ion Ratio Lower Upper

128 100

129 16.6 9.3 13.9#

127 17.5 11.0 16.4#



#11

2-Methylnaphthalene-d10

Concen: 0.244 ng

RT: 12.478 min Scan# 1253

Delta R.T. -0.000 min

Lab File: BN021671.D

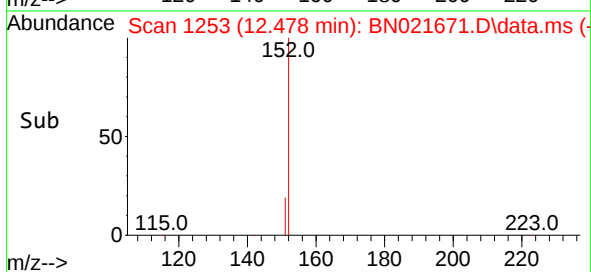
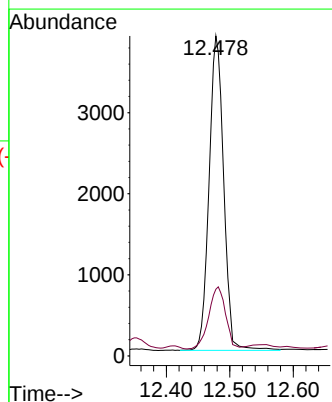
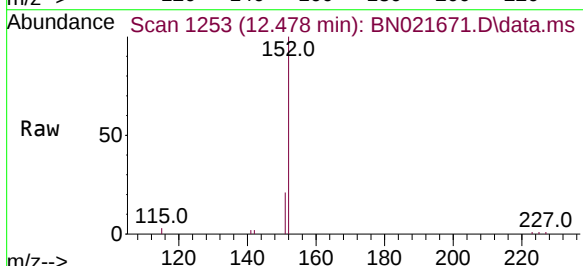
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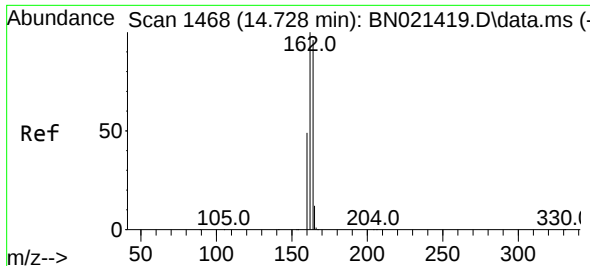
Tgt Ion:152 Resp: 8786

Ion Ratio Lower Upper

152 100

151 17.3 14.5 21.7

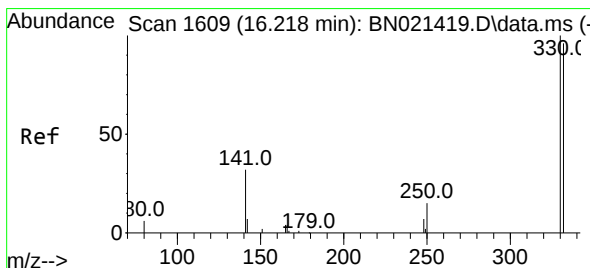
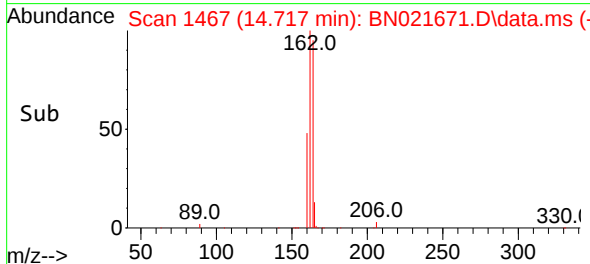
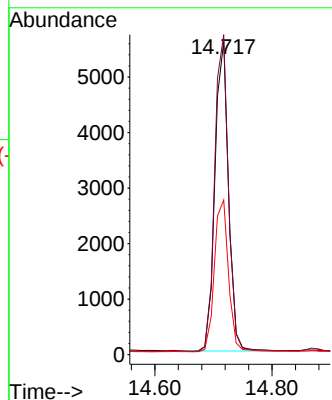
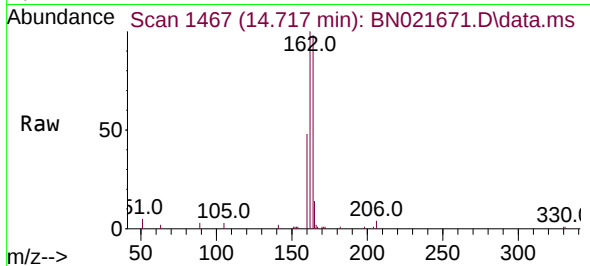




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.717 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN021671.D
Acq: 09 Sep 2022 21:28

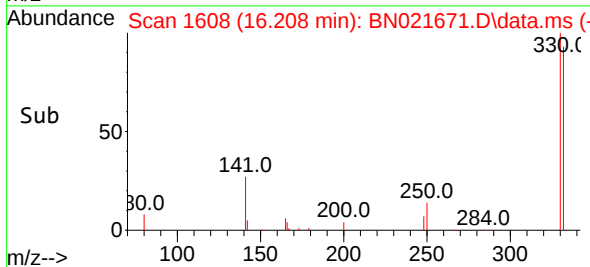
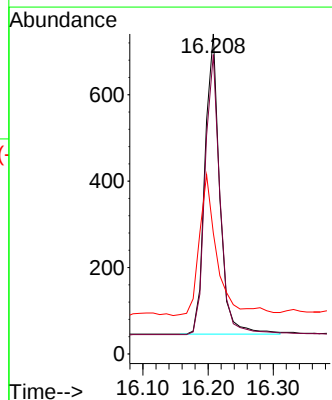
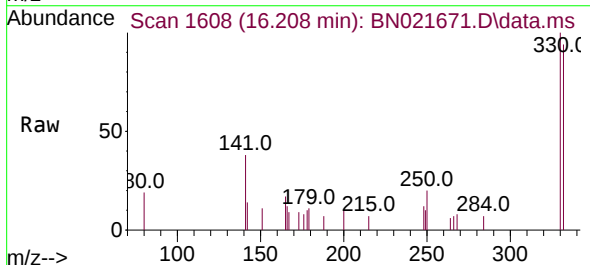
Instrument :
BNA_N
ClientSampleId :
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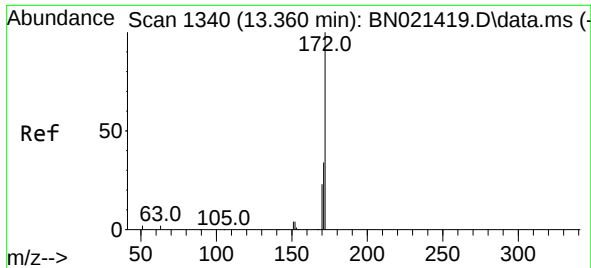
Tgt Ion:	164	Resp:	8967
Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.2	123.4
160	49.4	39.5	59.3



#14
2,4,6-Tribromophenol
Concen: 0.373 ng
RT: 16.208 min Scan# 1608
Delta R.T. -0.000 min
Lab File: BN021671.D
Acq: 09 Sep 2022 21:28

Tgt Ion:	330	Resp:	1097
Ion	Ratio	Lower	Upper
330	100		
332	95.2	79.3	118.9
141	53.6	37.1	55.7

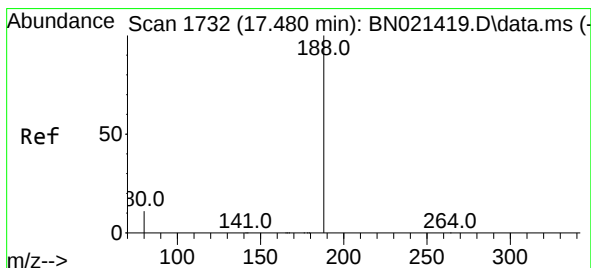
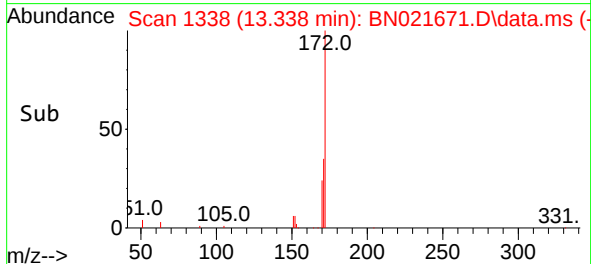
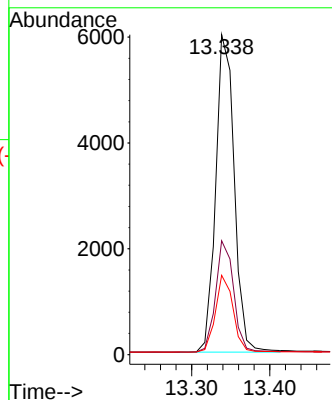
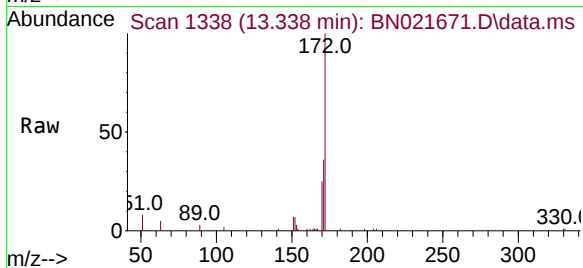




#15
2-Fluorobiphenyl
Concen: 0.253 ng
RT: 13.338 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BN021671.D
Acq: 09 Sep 2022 21:28

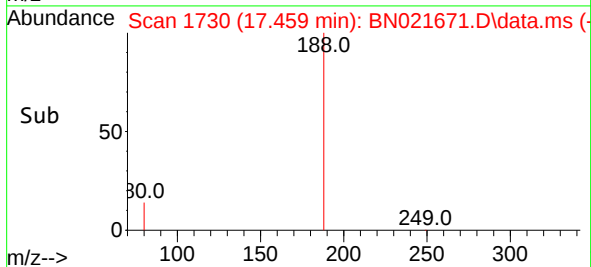
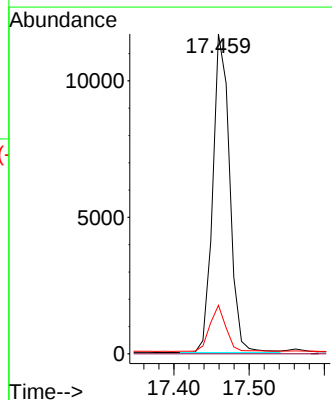
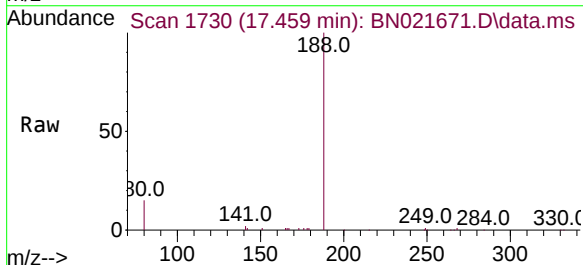
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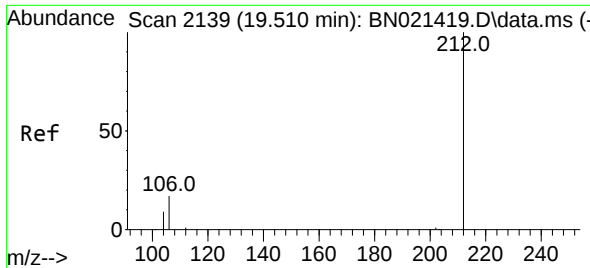
Tgt Ion:172 Resp: 9919
Ion Ratio Lower Upper
172 100
171 35.6 27.8 41.6
170 24.8 18.6 28.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.459 min Scan# 1730
Delta R.T. -0.011 min
Lab File: BN021671.D
Acq: 09 Sep 2022 21:28

Tgt Ion:188 Resp: 18236
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.2 9.5 14.3

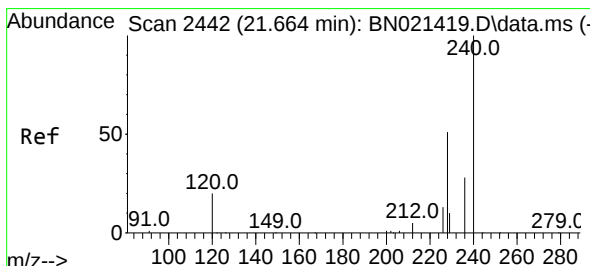
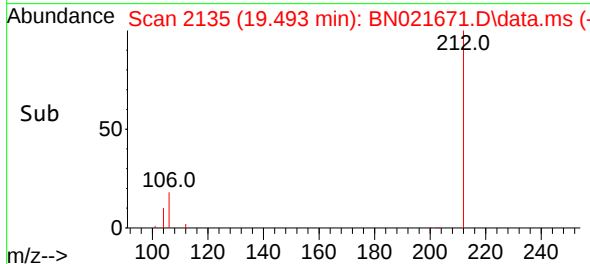
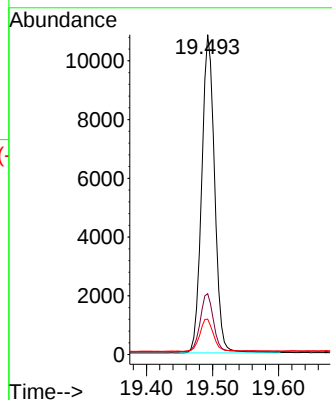
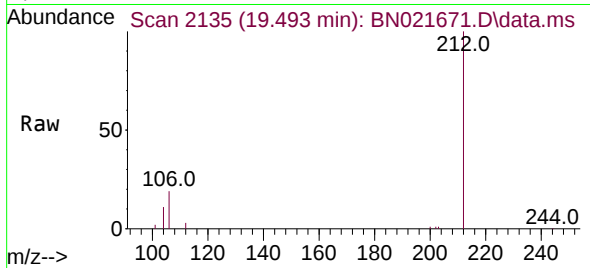




#27
Fluoranthene-d10
Concen: 0.313 ng
RT: 19.493 min Scan# 2135
Delta R.T. -0.005 min
Lab File: BN021671.D
Acq: 09 Sep 2022 21:28

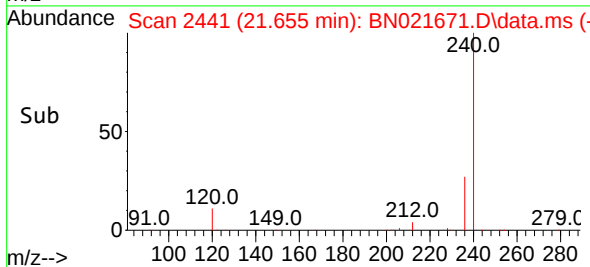
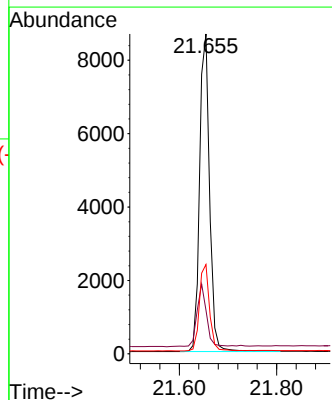
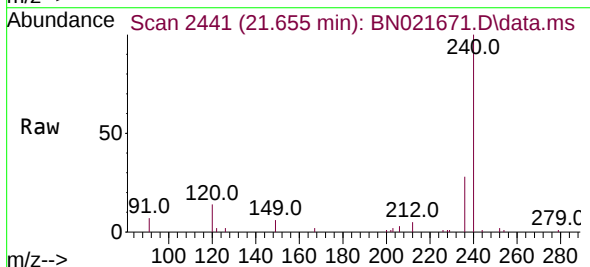
Instrument :
BNA_N
ClientSampleId :
BR-03D-479.5-499.5-090122

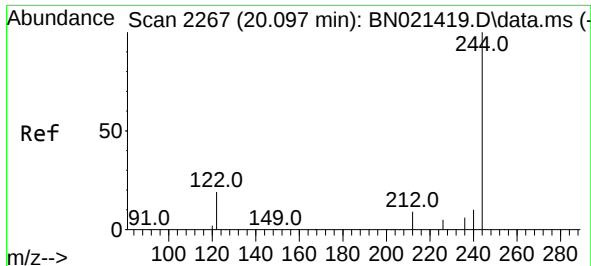
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Ion Ratio Lower Upper
212 100
106 18.9 14.2 21.2
104 10.6 7.8 11.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.655 min Scan# 2441
Delta R.T. -0.000 min
Lab File: BN021671.D
Acq: 09 Sep 2022 21:28

Tgt Ion:240 Resp: 12364
Ion Ratio Lower Upper
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120 13.7 10.2 15.4
236 27.9 22.1 33.1

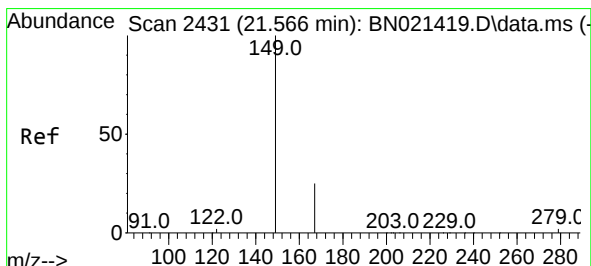
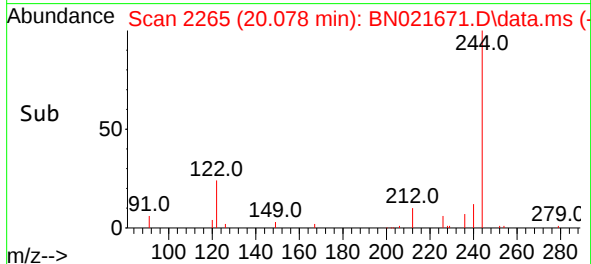
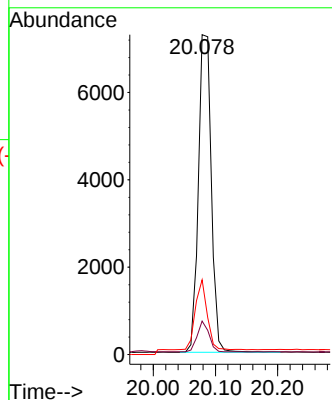
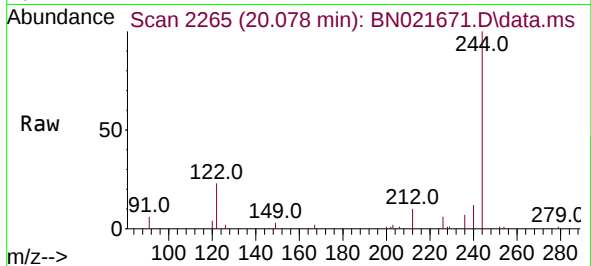




#31
 Terphenyl-d14
 Concen: 0.377 ng
 RT: 20.078 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN021671.D
 Acq: 09 Sep 2022 21:28

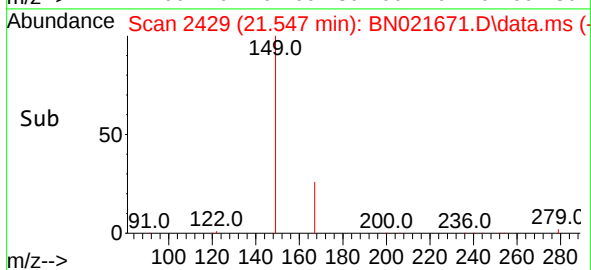
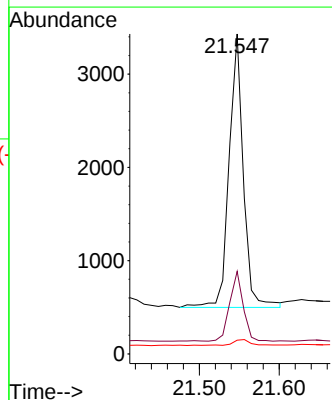
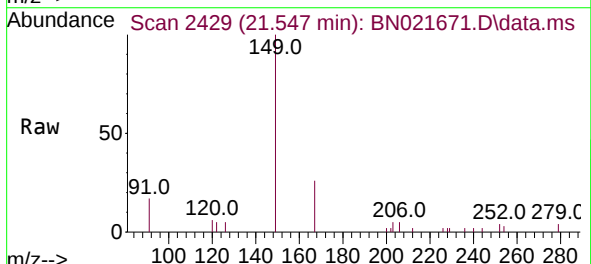
Instrument :
 BNA_N
 ClientSampleId :
 BR-03D-479.5-499.5-090122

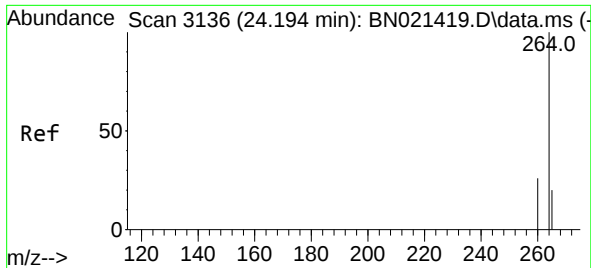
Tgt Ion:244 Resp: 10486
 Ion Ratio Lower Upper
 244 100
 212 10.5 6.5 9.7#
 122 23.4 9.1 13.7#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.209 ng
 RT: 21.547 min Scan# 2429
 Delta R.T. -0.000 min
 Lab File: BN021671.D
 Acq: 09 Sep 2022 21:28

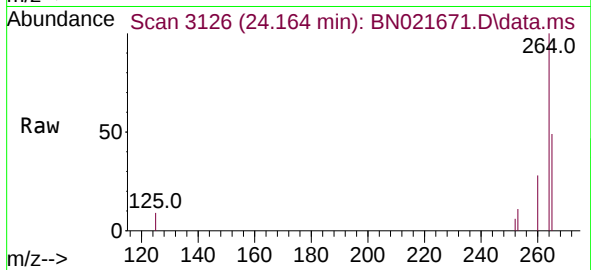
Tgt Ion:149 Resp: 3634
 Ion Ratio Lower Upper
 149 100
 167 24.0 21.4 32.0
 279 2.8 2.2 3.2





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.164 min Scan# 31
 Delta R.T. -0.009 min
 Lab File: BN021671.D
 Acq: 09 Sep 2022 21:28

Instrument :
 BNA_N
 ClientSampleId :
 BR-03D-479.5-499.5-090122



Tgt Ion:264 Resp: 8751

Ion	Ratio	Lower	Upper
264	100		
260	27.9	21.0	31.6
265	48.6	32.2	48.2#

