

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082422\
 Data File : BN021371.D
 Acq On : 25 Aug 2022 14:46
 Operator : CG/JU
 Sample : N4245-12
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE117D1-20220816

Quant Time: Aug 25 16:24:22 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 06:55:06 2022
 Response via : Initial Calibration

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

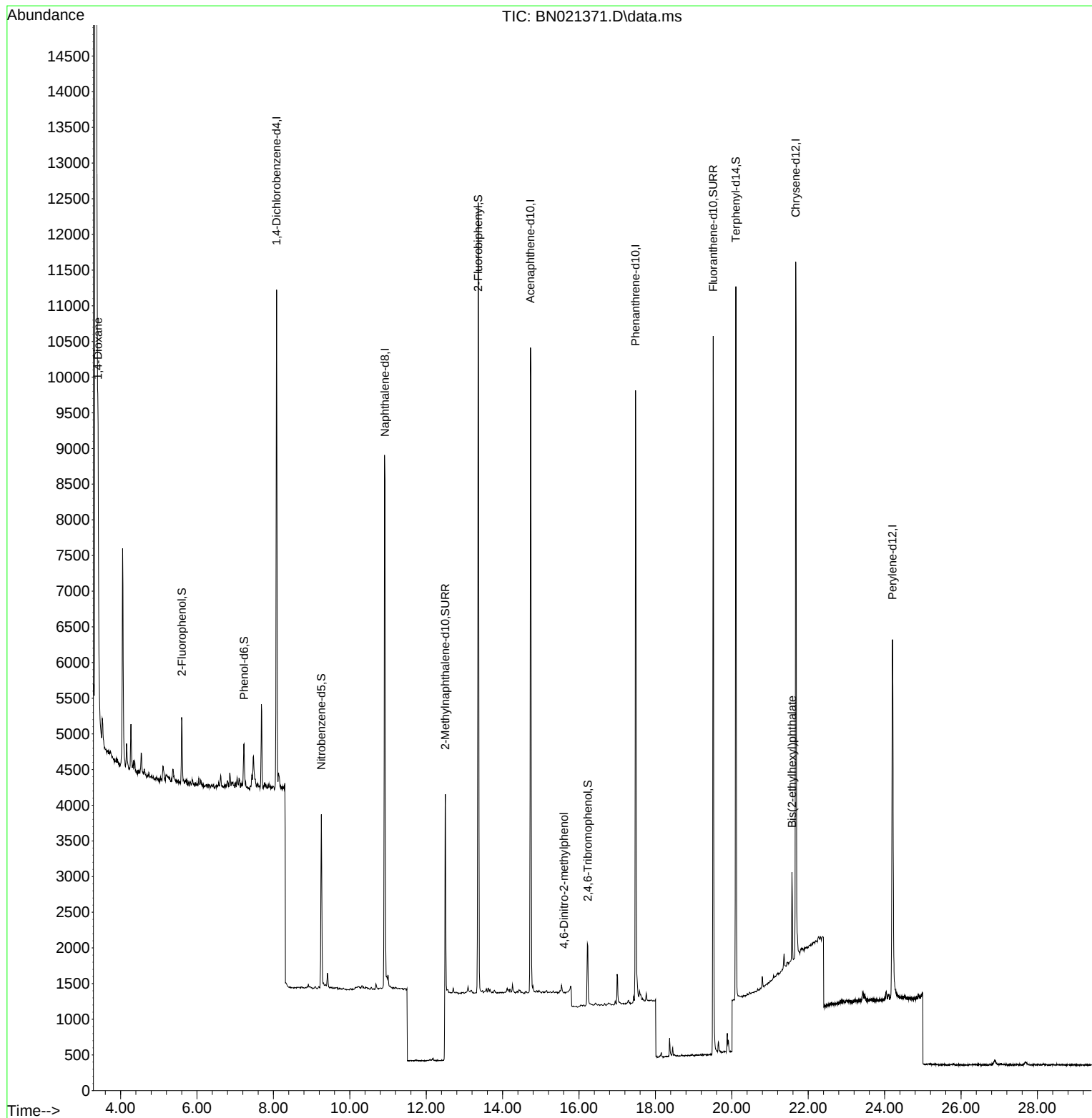
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.083	152	3507	0.400	ng	0.00
7) Naphthalene-d8	10.919	136	10796	0.400	ng	# 0.00
13) Acenaphthene-d10	14.728	164	5659	0.400	ng	-0.01
19) Phenanthrene-d10	17.480	188	11725	0.400	ng	#-0.01
29) Chrysene-d12	21.673	240	9679	0.400	ng	# 0.00
35) Perylene-d12	24.203	264	8139	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.606	112	853	0.090	ng	0.00
5) Phenol-d6	7.231	99	619	0.052	ng	0.00
8) Nitrobenzene-d5	9.254	82	2070	0.253	ng	0.00
11) 2-Methylnaphthalene-d10	12.501	152	6570	0.360	ng	0.00
14) 2,4,6-Tribromophenol	16.229	330	577	0.223	ng	0.00
15) 2-Fluorobiphenyl	13.360	172	9868	0.390	ng	-0.01
27) Fluoranthene-d10	19.514	212	11229	0.321	ng	0.00
31) Terphenyl-d14	20.106	244	8727	0.427	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.410	88	1628	0.335	ng	# 89
20) 4,6-Dinitro-2-methylph...	15.605	198	1	0.065	ng	94
34) Bis(2-ethylhexyl)phtha...	21.574	149	1186	0.067	ng	# 98

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

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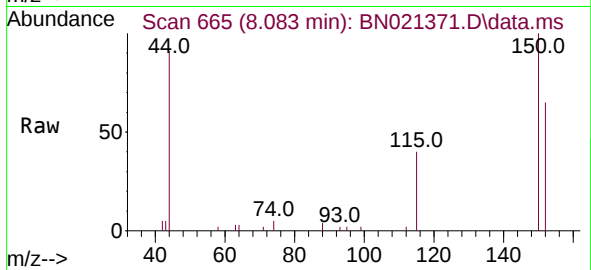
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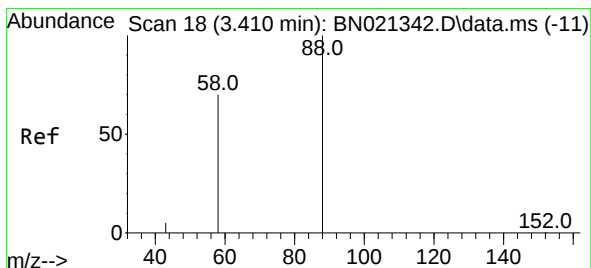
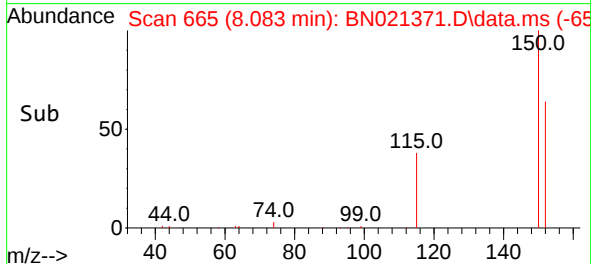
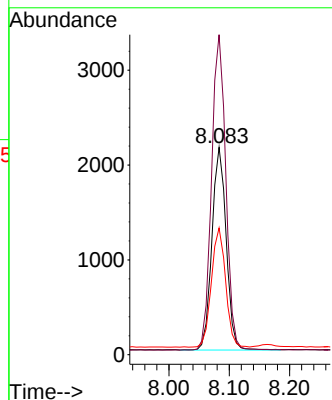


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.083 min Scan# 666
 Delta R.T. -0.007 min
 Lab File: BN021371.D
 Acq: 25 Aug 2022 14:46

Instrument :
 BNA_N
 ClientSampleId :
 RE117D1-20220816

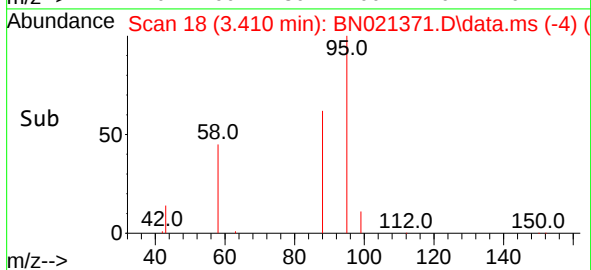
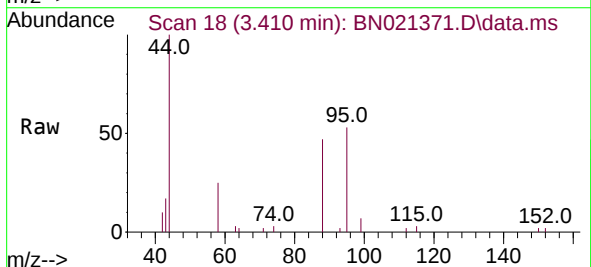
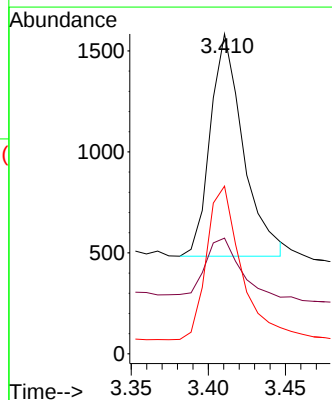


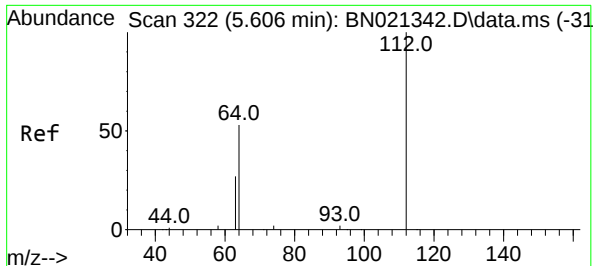
Tgt Ion:152 Resp: 3507
 Ion Ratio Lower Upper
 152 100
 150 154.3 121.4 182.0
 115 61.1 48.6 72.8



#2
 1,4-Dioxane
 Concen: 0.335 ng
 RT: 3.410 min Scan# 18
 Delta R.T. 0.000 min
 Lab File: BN021371.D
 Acq: 25 Aug 2022 14:46

Tgt Ion: 88 Resp: 1628
 Ion Ratio Lower Upper
 88 100
 43 27.8 35.8 53.8#
 58 72.4 57.1 85.7





#4

2-Fluorophenol

Concen: 0.090 ng

RT: 5.606 min Scan# 31

Delta R.T. 0.000 min

Lab File: BN021371.D

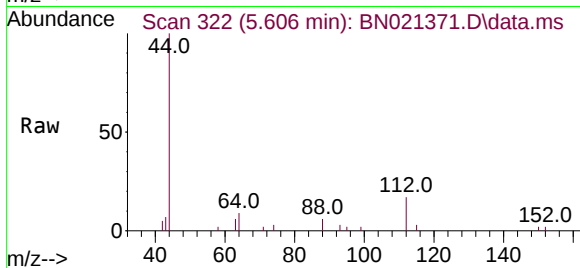
Acq: 25 Aug 2022 14:46

Instrument :

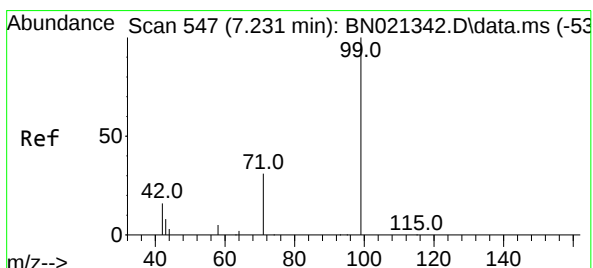
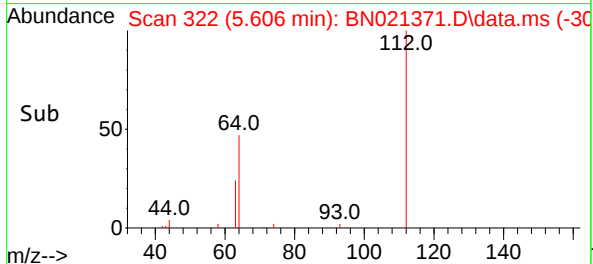
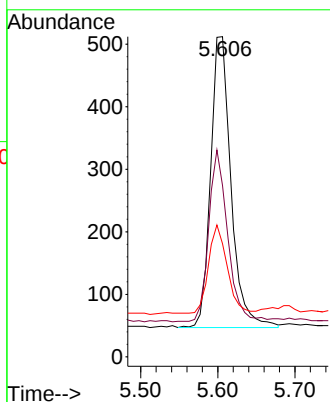
BNA_N

ClientSampleId :

RE117D1-20220816



Tgt Ion:	112	Resp:	853
Ion	Ratio	Lower	Upper
112	100		
64	54.5	43.5	65.3
63	27.4	22.6	34.0



#5

Phenol-d6

Concen: 0.052 ng

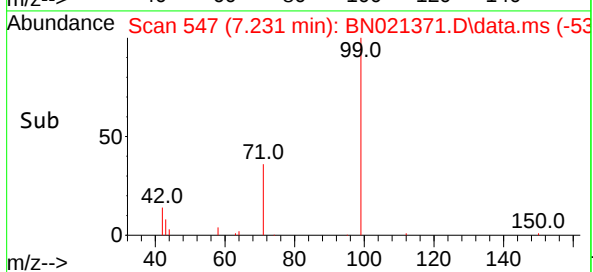
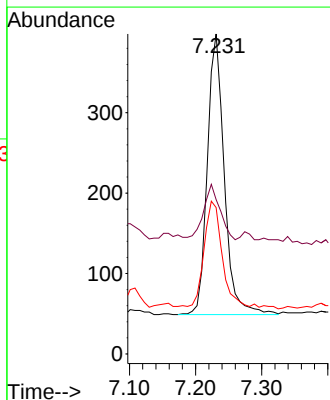
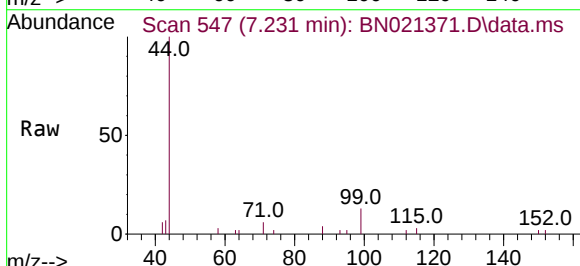
RT: 7.231 min Scan# 547

Delta R.T. 0.000 min

Lab File: BN021371.D

Acq: 25 Aug 2022 14:46

Tgt Ion:	99	Resp:	619
Ion	Ratio	Lower	Upper
99	100		
42	18.9	15.5	23.3
71	39.1	24.2	36.2

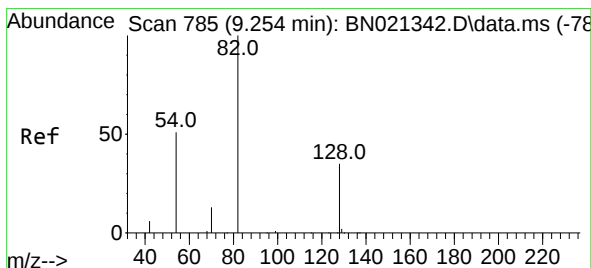
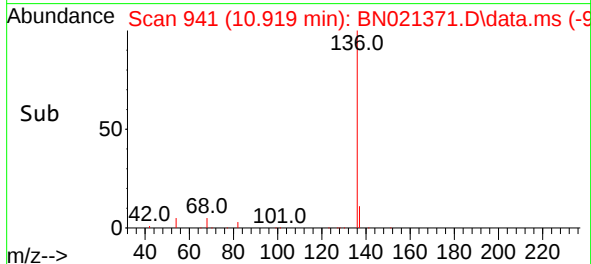
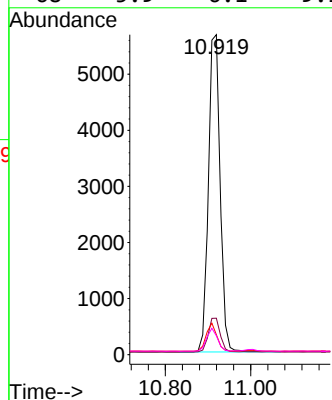
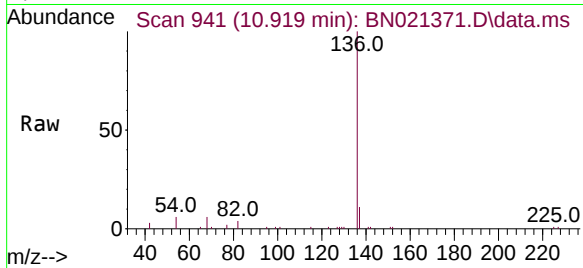




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.919 min Scan# 941
Delta R.T. 0.000 min
Lab File: BN021371.D
Acq: 25 Aug 2022 14:46

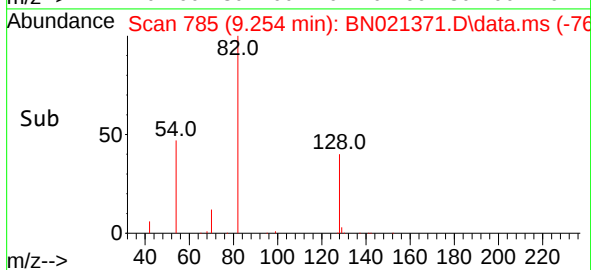
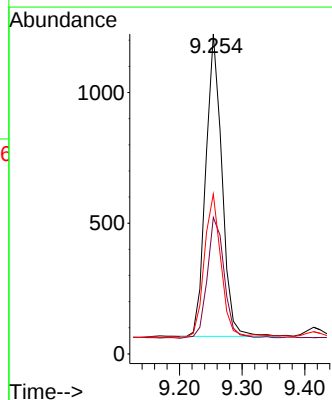
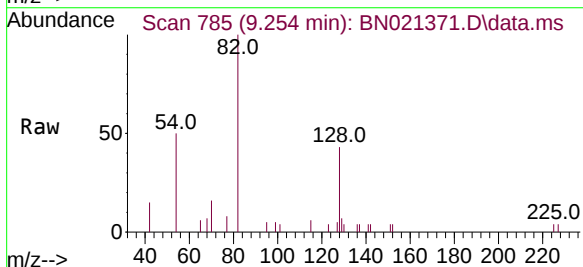
Instrument :
BNA_N
ClientSampleId :
RE117D1-20220816

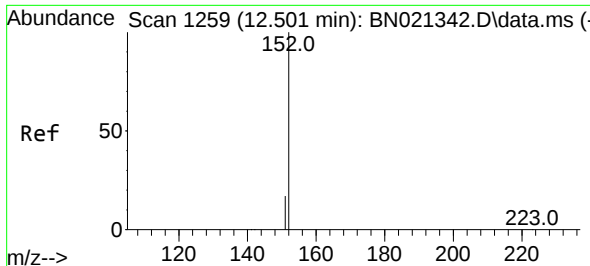
Tgt Ion:	136	Resp:	10796
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	6.3	6.9	10.3#
68	5.9	6.1	9.1#



#8
Nitrobenzene-d5
Concen: 0.253 ng
RT: 9.254 min Scan# 785
Delta R.T. 0.000 min
Lab File: BN021371.D
Acq: 25 Aug 2022 14:46

Tgt Ion:	82	Resp:	2070
Ion	Ratio	Lower	Upper
82	100		
128	42.6	30.9	46.3
54	49.9	42.7	64.1





#11

2-Methylnaphthalene-d10

Concen: 0.360 ng

RT: 12.501 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN021371.D

Acq: 25 Aug 2022 14:46

Instrument :

BNA_N

ClientSampleId :

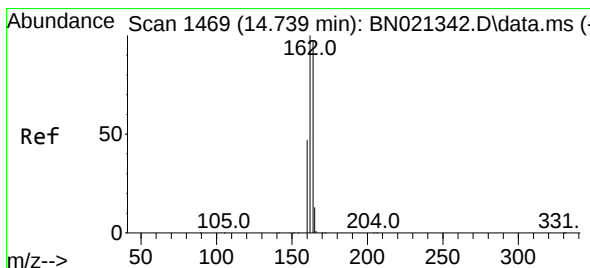
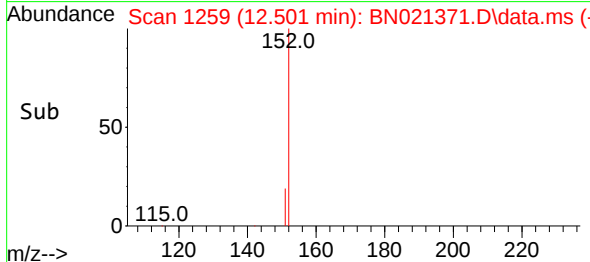
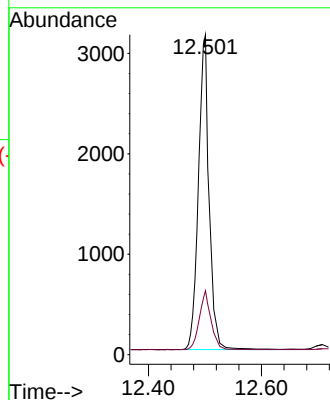
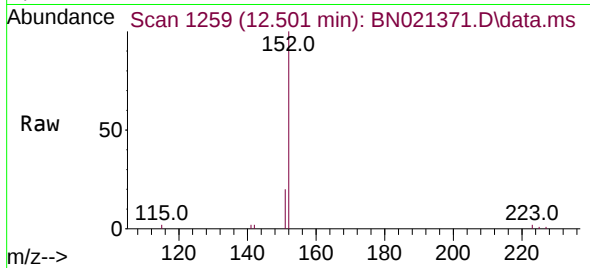
RE117D1-20220816

Tgt Ion:152 Resp: 6570

Ion Ratio Lower Upper

152 100

151 18.3 14.5 21.7



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.728 min Scan# 1468

Delta R.T. -0.011 min

Lab File: BN021371.D

Acq: 25 Aug 2022 14:46

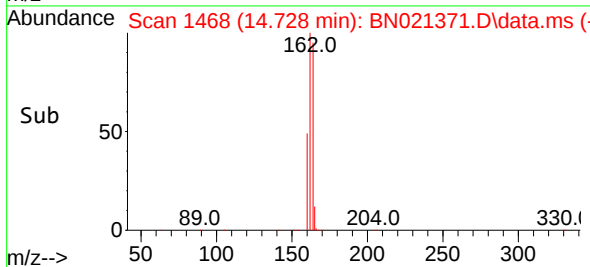
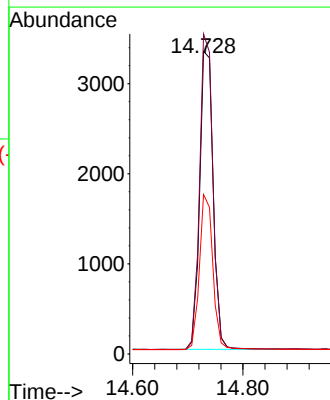
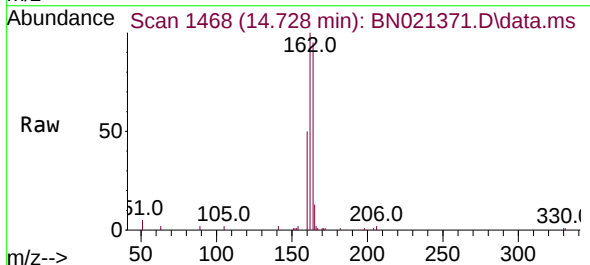
Tgt Ion:164 Resp: 5659

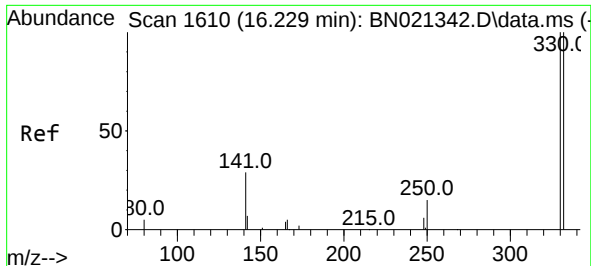
Ion Ratio Lower Upper

164 100

162 105.7 82.2 123.4

160 52.7 39.5 59.3

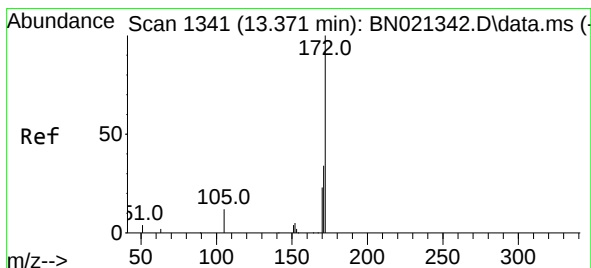
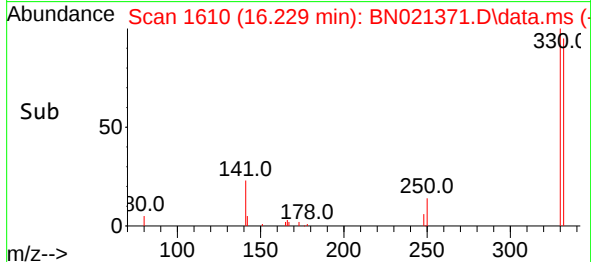
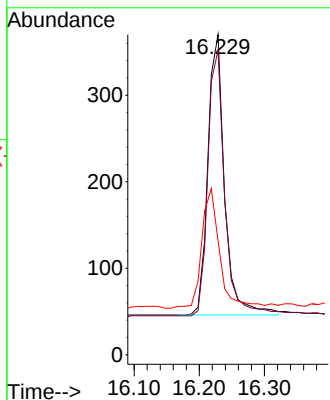
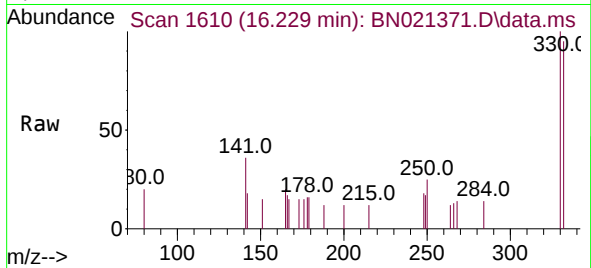




#14
2,4,6-Tribromophenol
Concen: 0.223 ng
RT: 16.229 min Scan# 1610
Delta R.T. 0.000 min
Lab File: BN021371.D
Acq: 25 Aug 2022 14:46

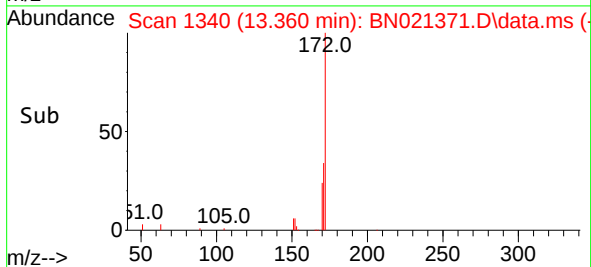
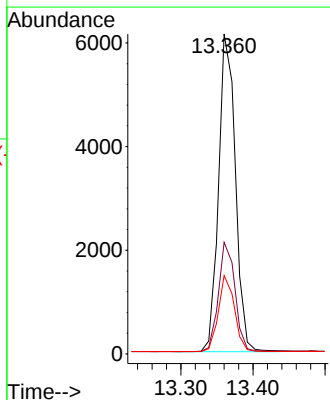
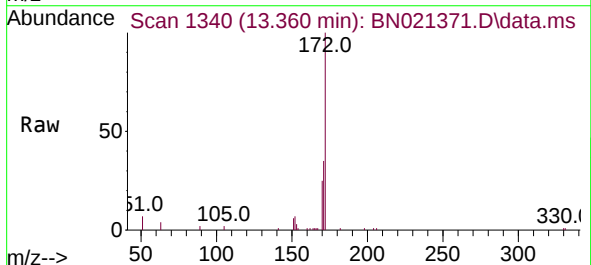
Instrument :
BNA_N
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RE117D1-20220816

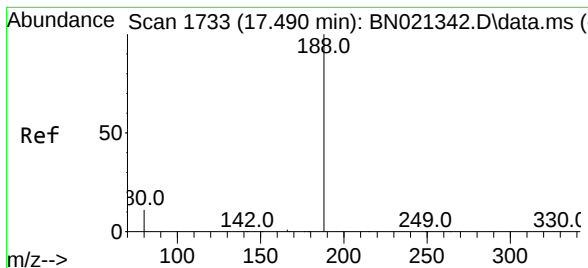
Tgt Ion:330 Resp: 577
Ion Ratio Lower Upper
330 100
332 95.5 79.3 118.9
141 45.4 37.1 55.7



#15
2-Fluorobiphenyl
Concen: 0.390 ng
RT: 13.360 min Scan# 1340
Delta R.T. -0.011 min
Lab File: BN021371.D
Acq: 25 Aug 2022 14:46

Tgt Ion:172 Resp: 9868
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.6
170 24.5 18.6 28.0





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.480 min Scan# 1

Delta R.T. -0.010 min

Lab File: BN021371.D

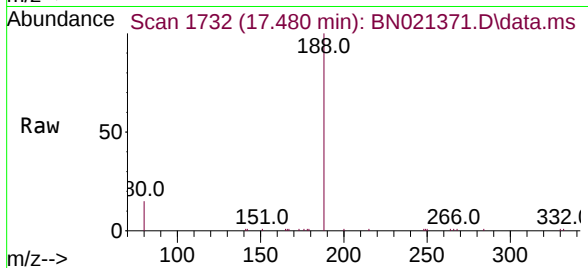
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Instrument :

BNA_N

ClientSampleId :

RE117D1-20220816



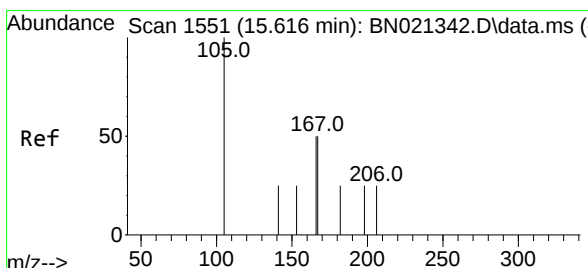
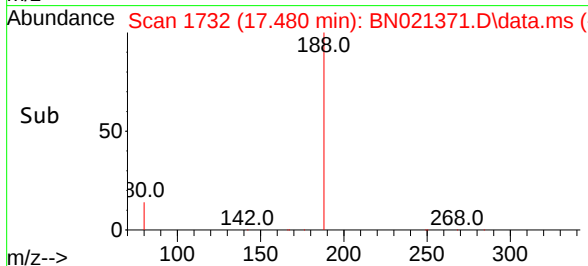
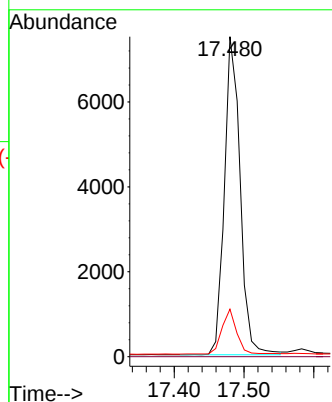
Tgt Ion:188 Resp: 11725

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.8 9.5 14.3#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.065 ng

RT: 15.605 min Scan# 1550

Delta R.T. -0.011 min

Lab File: BN021371.D

Acq: 25 Aug 2022 14:46

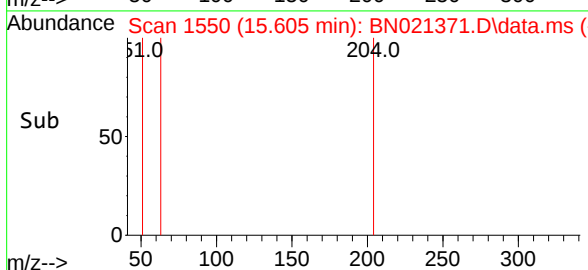
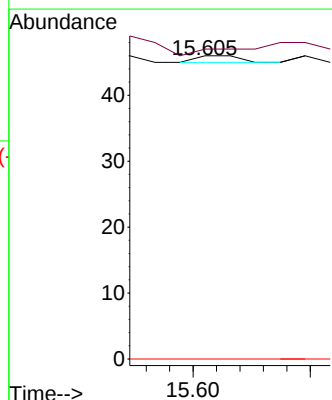
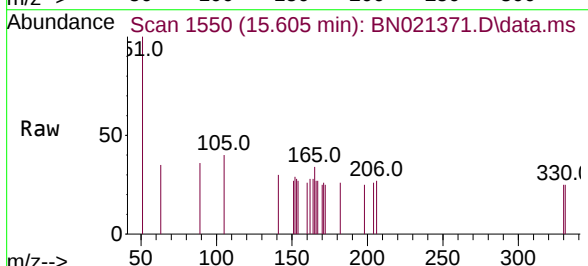
Tgt Ion:198 Resp: 1

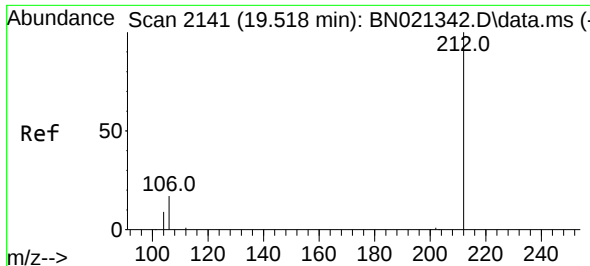
Ion Ratio Lower Upper

198 100

182 102.2 86.6 130.0

77 0.0 0.0 0.0

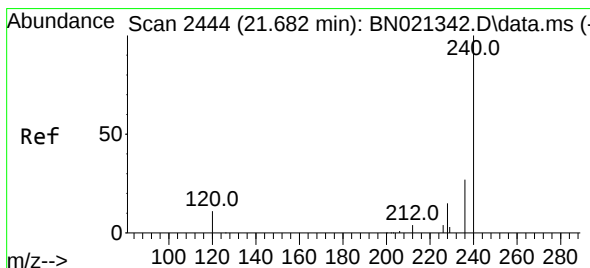
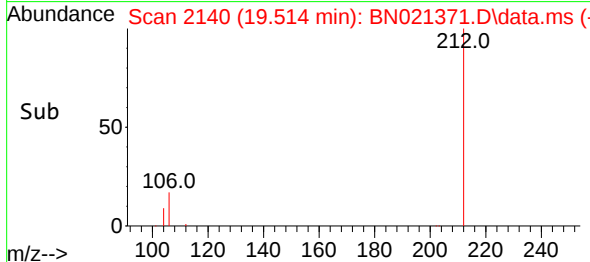
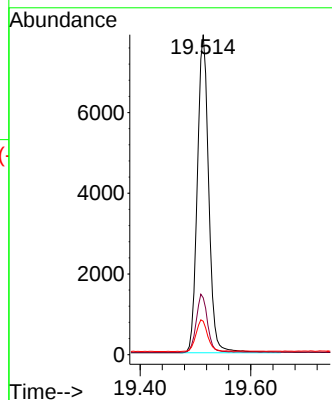
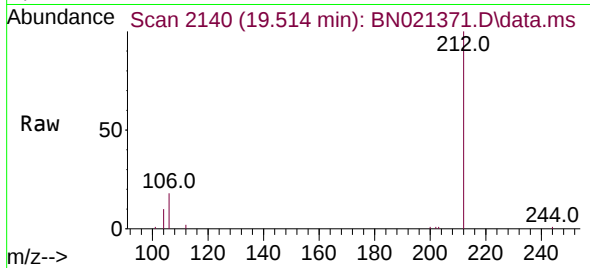




#27
Fluoranthene-d10
Concen: 0.321 ng
RT: 19.514 min Scan# 2141
Delta R.T. -0.004 min
Lab File: BN021371.D
Acq: 25 Aug 2022 14:46

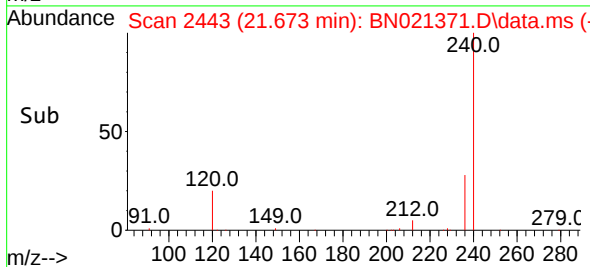
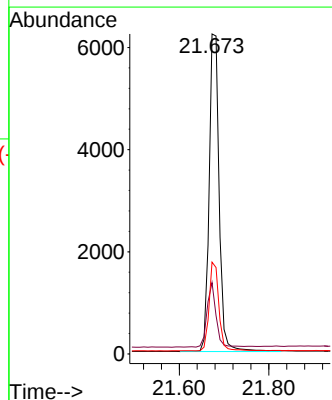
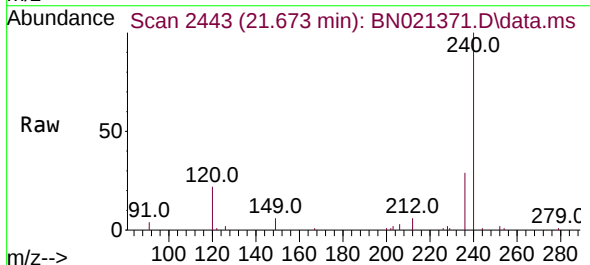
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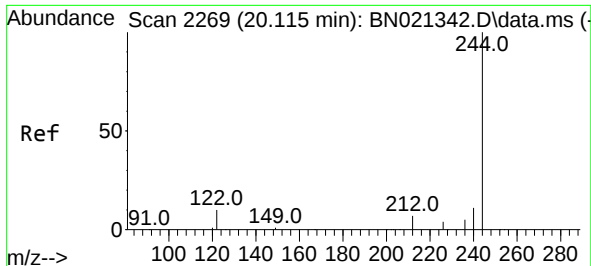
Tgt Ion:212 Resp: 11229
Ion Ratio Lower Upper
212 100
106 18.0 14.2 21.2
104 10.3 7.8 11.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.673 min Scan# 2443
Delta R.T. -0.009 min
Lab File: BN021371.D
Acq: 25 Aug 2022 14:46

Tgt Ion:240 Resp: 9679
Ion Ratio Lower Upper
240 100
120 22.3 10.2 15.4#
236 28.7 22.1 33.1

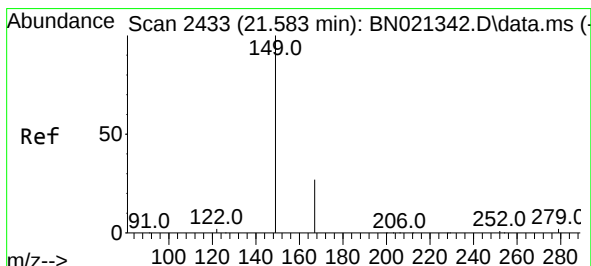
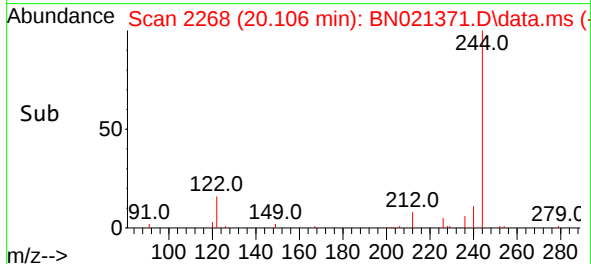
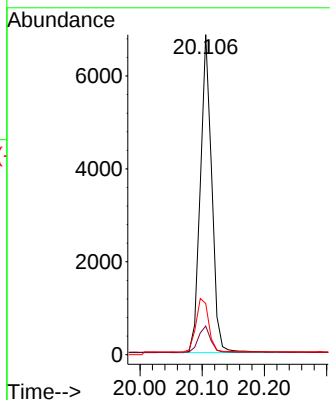
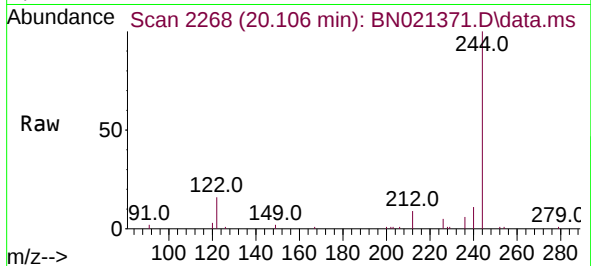




#31
 Terphenyl-d14
 Concen: 0.427 ng
 RT: 20.106 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN021371.D
 Acq: 25 Aug 2022 14:46

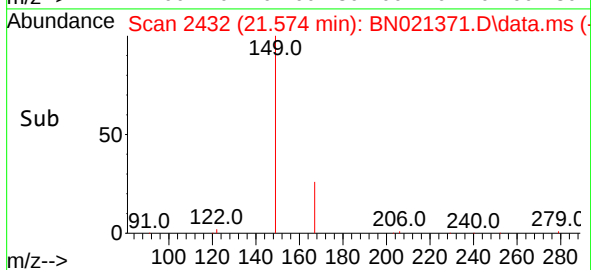
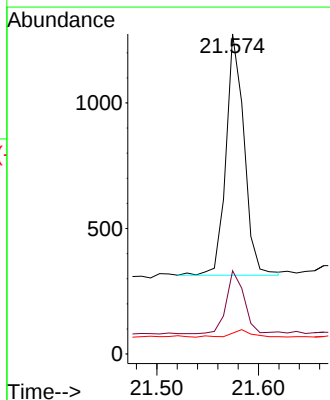
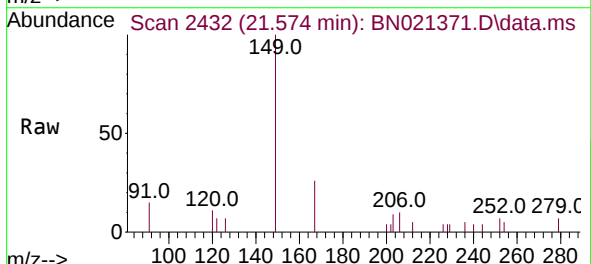
Instrument :
 BNA_N
 ClientSampleId :
 RE117D1-20220816

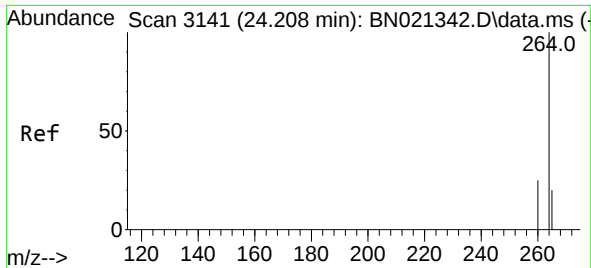
Tgt Ion:244 Resp: 8727
 Ion Ratio Lower Upper
 244 100
 212 9.0 6.5 9.7
 122 16.0 9.1 13.7#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.067 ng
 RT: 21.574 min Scan# 2432
 Delta R.T. -0.009 min
 Lab File: BN021371.D
 Acq: 25 Aug 2022 14:46

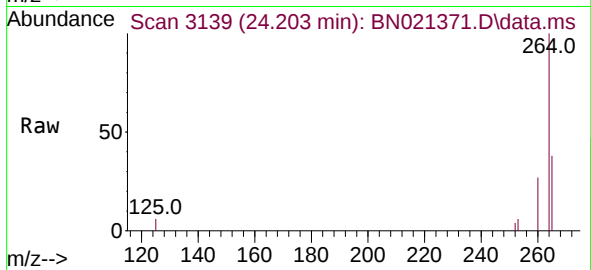
Tgt Ion:149 Resp: 1186
 Ion Ratio Lower Upper
 149 100
 167 25.6 21.4 32.0
 279 3.6 2.2 3.2#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.203 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BN021371.D
 Acq: 25 Aug 2022 14:46

Instrument :
 BNA_N
 ClientSampleId :
 RE117D1-20220816



Tgt Ion:264 Resp: 8139
 Ion Ratio Lower Upper
 264 100
 260 26.9 21.0 31.6
 265 38.4 32.2 48.2

