

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071422\
 Data File : BN020738.D
 Acq On : 14 Jul 2022 16:02
 Operator : CG/JU
 Sample : N3705-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT-149S1-20220712

Quant Time: Jul 15 02:50:50 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 02 03:10:12 2022
 Response via : Initial Calibration

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

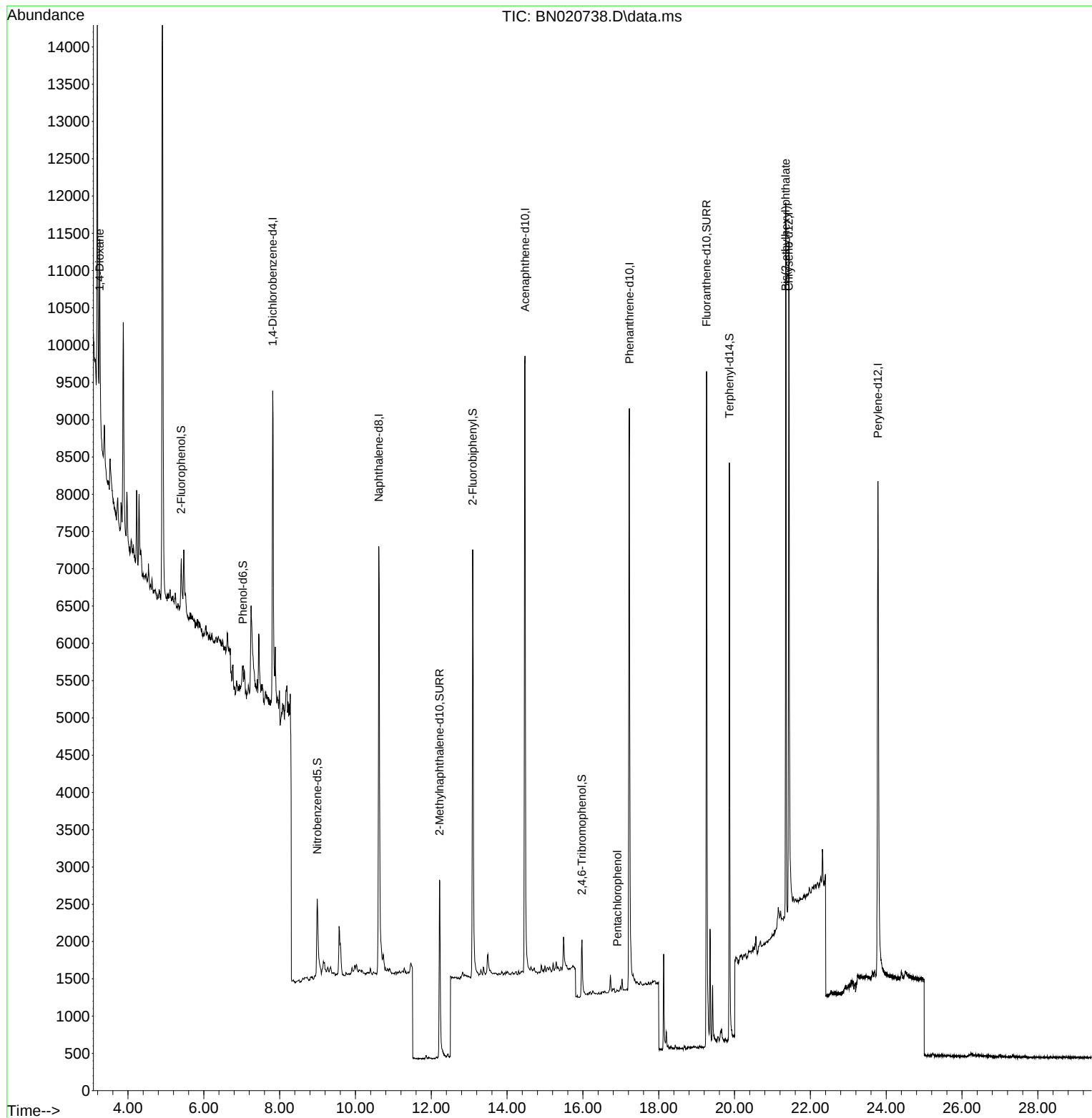
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	2590	0.400	ng	0.00
7) Naphthalene-d8	10.616	136	9523	0.400	ng	#-0.01
13) Acenaphthene-d10	14.474	164	5984	0.400	ng	0.00
19) Phenanthrene-d10	17.225	188	13759	0.400	ng	# 0.00
29) Chrysene-d12	21.431	240	10193	0.400	ng	0.00
35) Perylene-d12	23.782	264	10980	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.406	112	708	0.098	ng	0.00
5) Phenol-d6	7.031	99	431	0.050	ng	0.00
8) Nitrobenzene-d5	8.993	82	1509	0.196	ng	0.00
11) 2-Methylnaphthalene-d10	12.219	152	4356	0.267	ng	0.00
14) 2,4,6-Tribromophenol	15.974	330	512	0.227	ng	0.00
15) 2-Fluorobiphenyl	13.095	172	5853	0.237	ng	-0.01
27) Fluoranthene-d10	19.261	212	11412	0.279	ng	0.00
31) Terphenyl-d14	19.864	244	9087	0.373	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.254	88	1547	0.456	ng	# 88
24) Pentachlorophenol	16.908	266	11	0.188	ng	# 44
34) Bis(2-ethylhexyl)phtha...	21.351	149	9013	0.439	ng	99

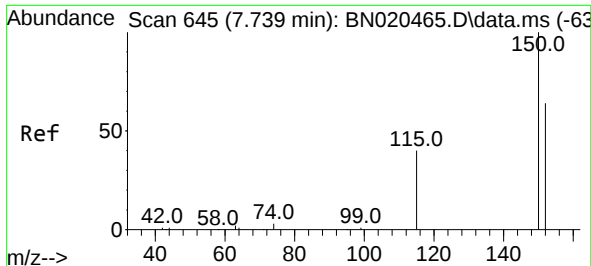
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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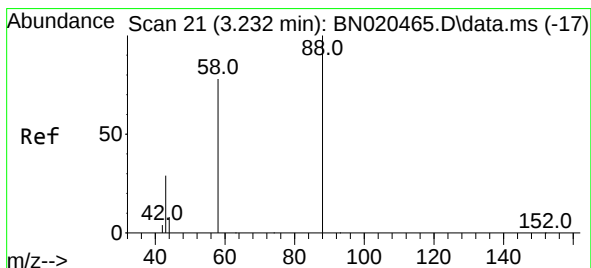
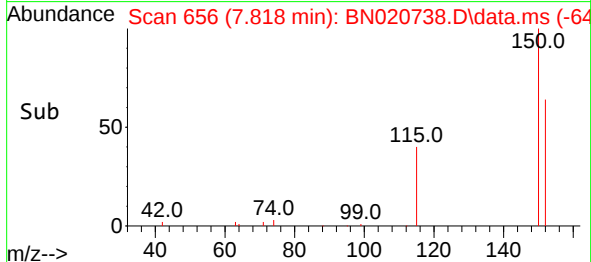
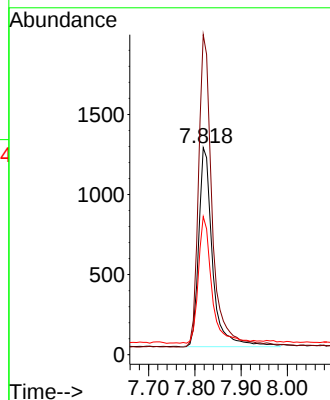
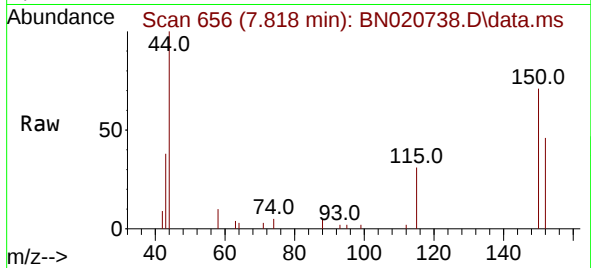




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.818 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN020738.D
Acq: 14 Jul 2022 16:02

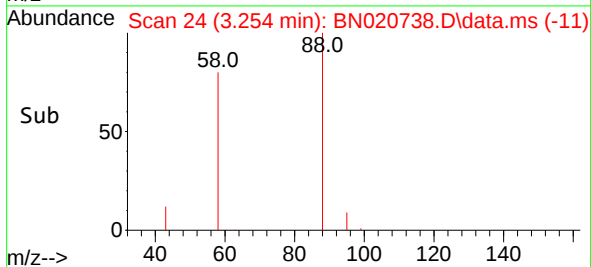
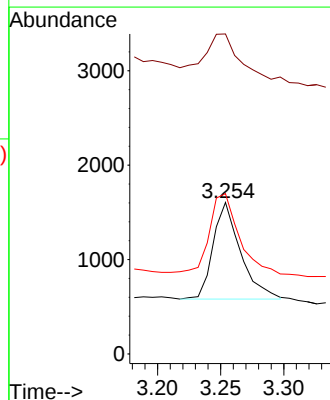
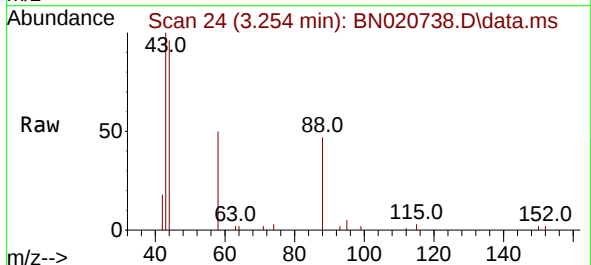
Instrument :
BNA_N
ClientSampleId :
TT-149S1-20220712

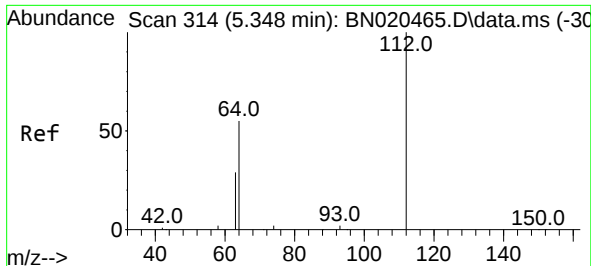
Tgt Ion:152 Resp: 2590
Ion Ratio Lower Upper
152 100
150 154.5 127.9 191.9
115 66.7 51.4 77.2



#2
1,4-Dioxane
Concen: 0.456 ng
RT: 3.254 min Scan# 24
Delta R.T. -0.007 min
Lab File: BN020738.D
Acq: 14 Jul 2022 16:02

Tgt Ion: 88 Resp: 1547
Ion Ratio Lower Upper
88 100
43 59.0 30.2 45.2#
58 89.4 73.0 109.6

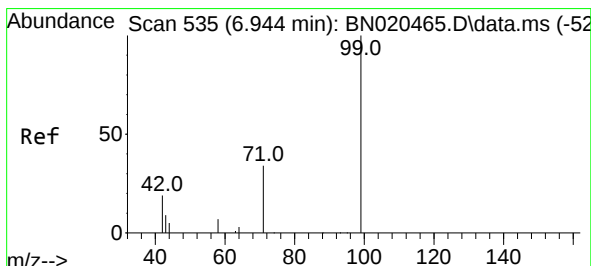
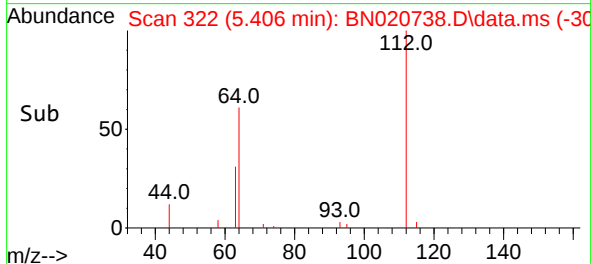
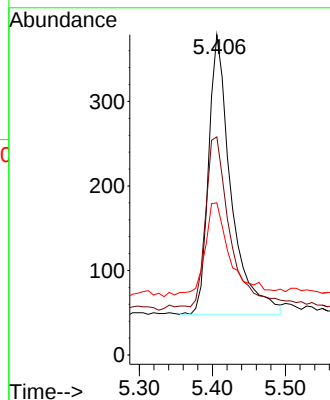
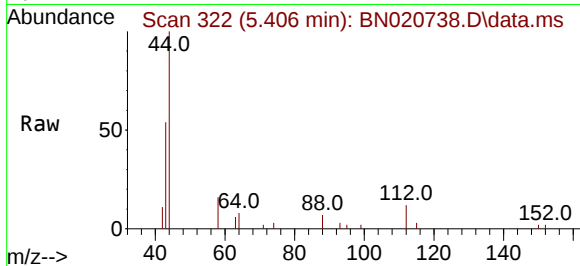




#4
2-Fluorophenol
Concen: 0.098 ng
RT: 5.406 min Scan# 314
Delta R.T. -0.007 min
Lab File: BN020738.D
Acq: 14 Jul 2022 16:02

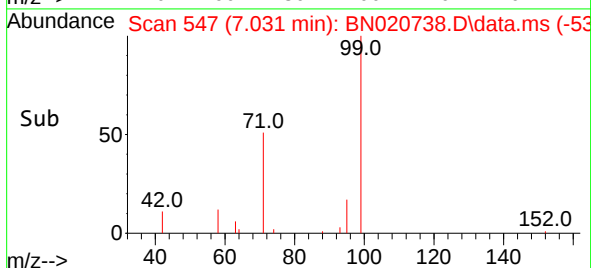
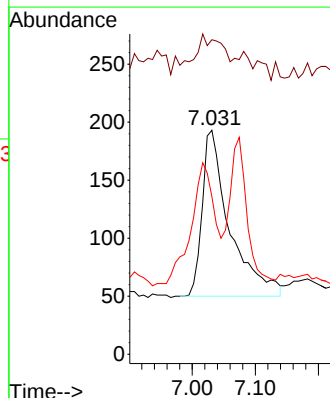
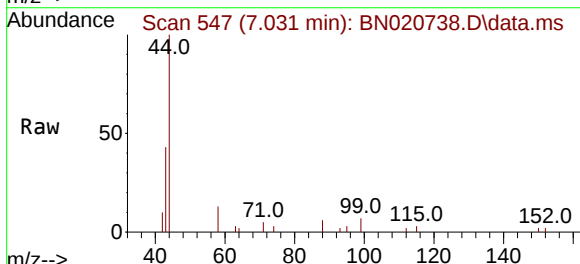
Instrument :
BNA_N
ClientSampleId :
TT-149S1-20220712

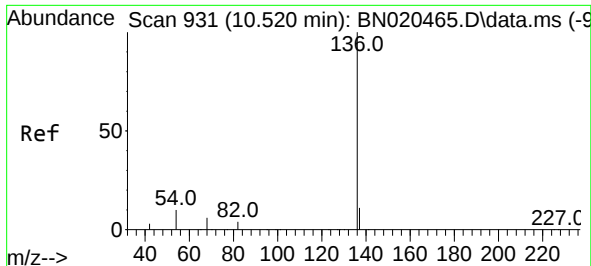
Tgt Ion:112 Resp: 708
Ion Ratio Lower Upper
112 100
64 68.1 49.1 73.7
63 39.1 26.3 39.5



#5
Phenol-d6
Concen: 0.050 ng
RT: 7.031 min Scan# 547
Delta R.T. 0.000 min
Lab File: BN020738.D
Acq: 14 Jul 2022 16:02

Tgt Ion: 99 Resp: 431
Ion Ratio Lower Upper
99 100
42 28.8 19.3 28.9
71 61.9 27.5 41.3#

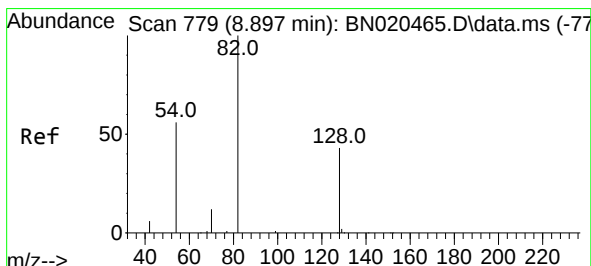
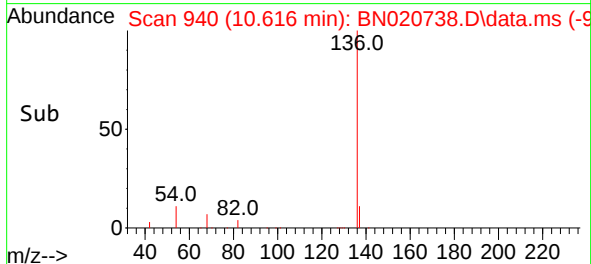
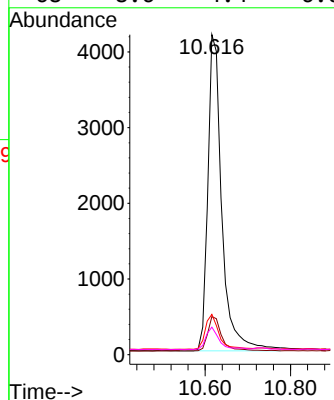
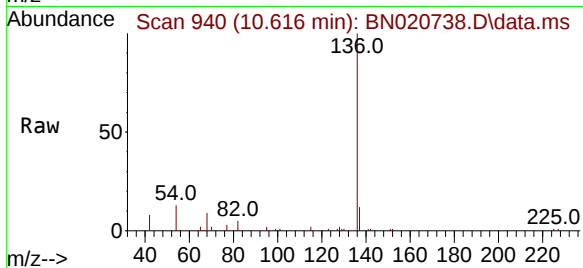




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.616 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN020738.D
Acq: 14 Jul 2022 16:02

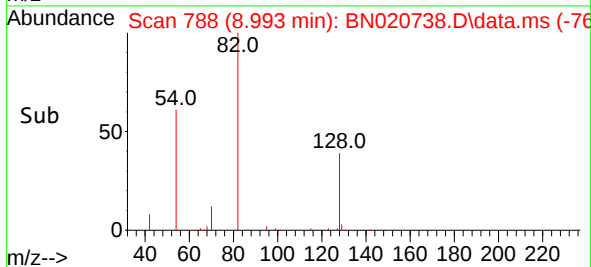
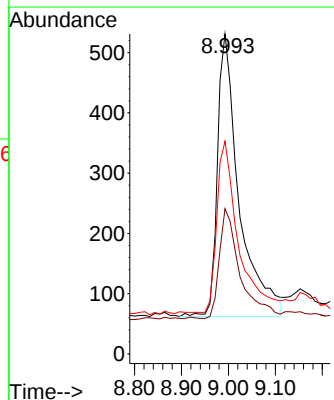
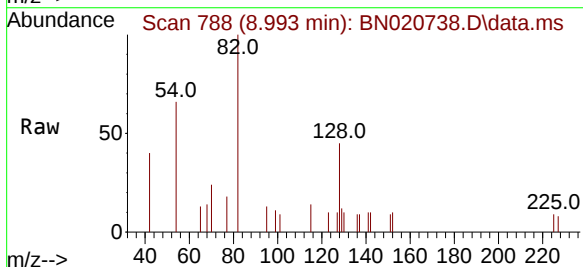
Instrument :
BNA_N
ClientSampleId :
TT-149S1-20220712

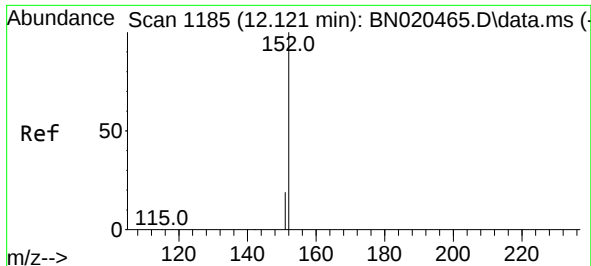
Tgt Ion:136	Resp:	9523
Ion Ratio	Lower	Upper
136	100	
137	11.9	9.0 13.6
54	12.6	6.2 9.2#
68	8.6	4.4 6.6#



#8
Nitrobenzene-d5
Concen: 0.196 ng
RT: 8.993 min Scan# 788
Delta R.T. 0.000 min
Lab File: BN020738.D
Acq: 14 Jul 2022 16:02

Tgt Ion: 82	Resp:	1509
Ion Ratio	Lower	Upper
82	100	
128	45.4	35.0 52.6
54	66.5	46.2 69.4

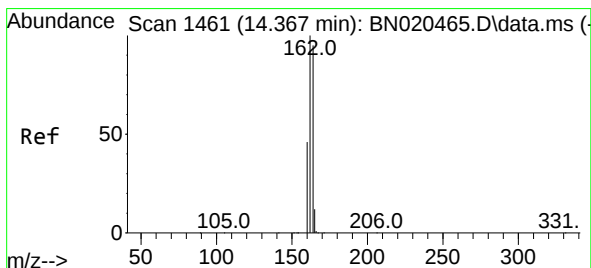
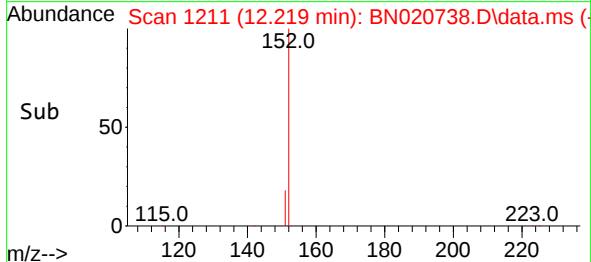
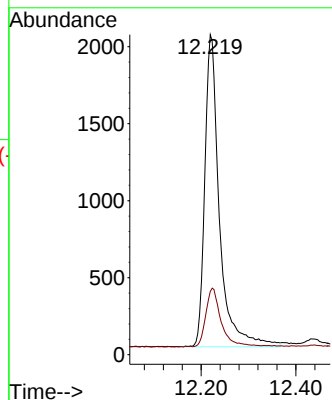
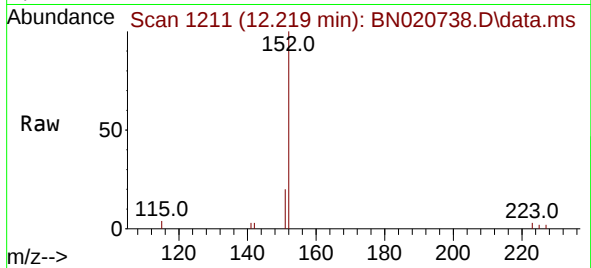




#11
2-Methylnaphthalene-d10
Concen: 0.267 ng
RT: 12.219 min Scan# 1185
Delta R.T. -0.007 min
Lab File: BN020738.D
Acq: 14 Jul 2022 16:02

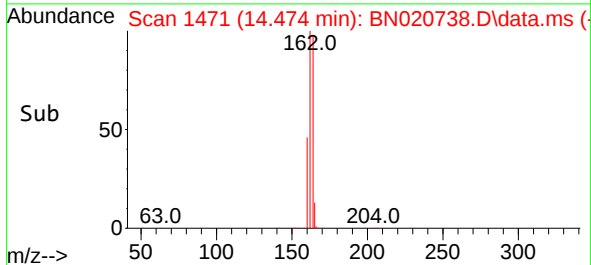
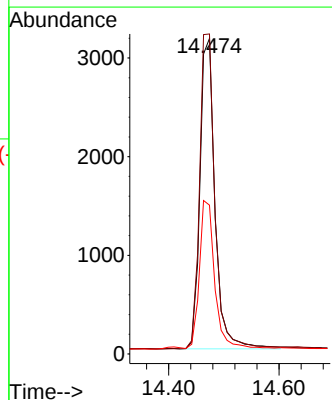
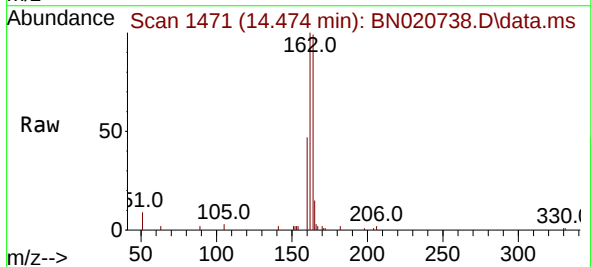
Instrument :
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ClientSampleId :
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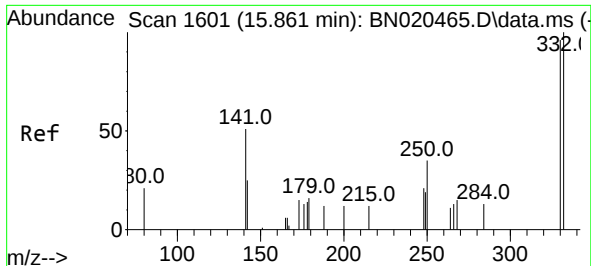
Tgt Ion:152 Resp: 4356
Ion Ratio Lower Upper
152 100
151 19.5 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.474 min Scan# 1471
Delta R.T. 0.000 min
Lab File: BN020738.D
Acq: 14 Jul 2022 16:02

Tgt Ion:164 Resp: 5984
Ion Ratio Lower Upper
164 100
162 101.4 82.1 123.1
160 47.2 38.6 58.0

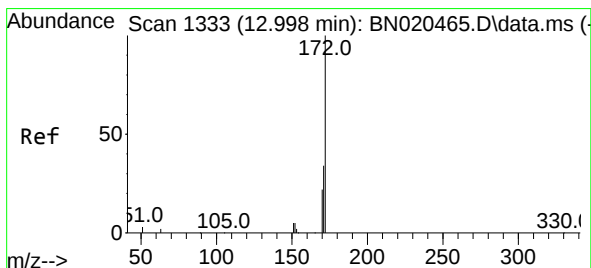
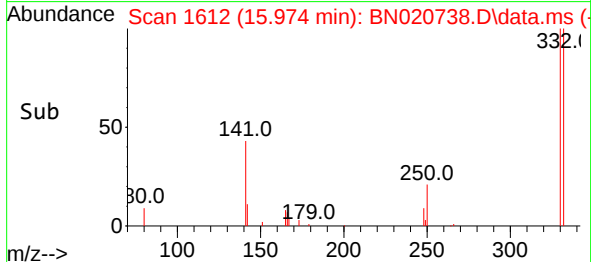
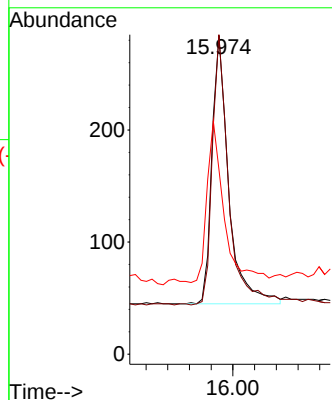
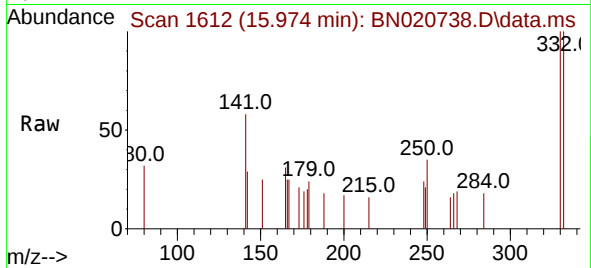




#14
2,4,6-Tribromophenol
Concen: 0.227 ng
RT: 15.974 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN020738.D
Acq: 14 Jul 2022 16:02

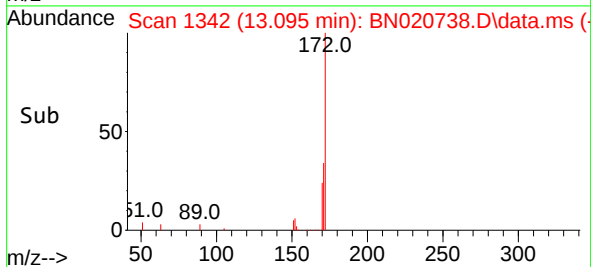
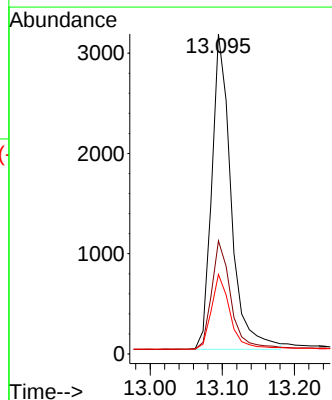
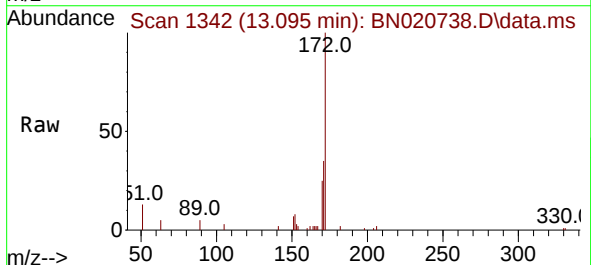
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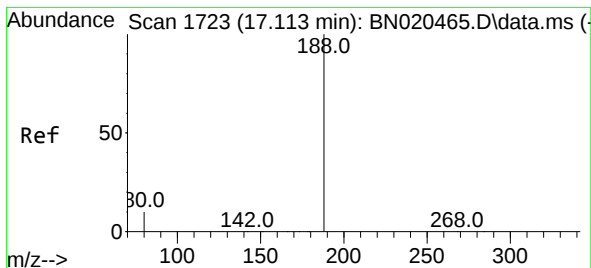
Tgt Ion:330 Resp: 512
Ion Ratio Lower Upper
330 100
332 98.8 77.6 116.4
141 60.7 41.0 61.4



#15
2-Fluorobiphenyl
Concen: 0.237 ng
RT: 13.095 min Scan# 1342
Delta R.T. -0.011 min
Lab File: BN020738.D
Acq: 14 Jul 2022 16:02

Tgt Ion:172 Resp: 5853
Ion Ratio Lower Upper
172 100
171 35.4 27.2 40.8
170 24.8 18.2 27.4





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.225 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN020738.D

Acq: 14 Jul 2022 16:02

Instrument :

BNA_N

ClientSampleId :

TT-149S1-20220712

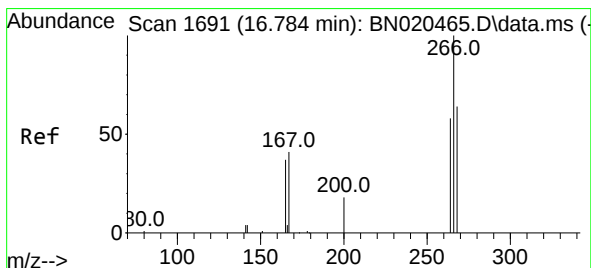
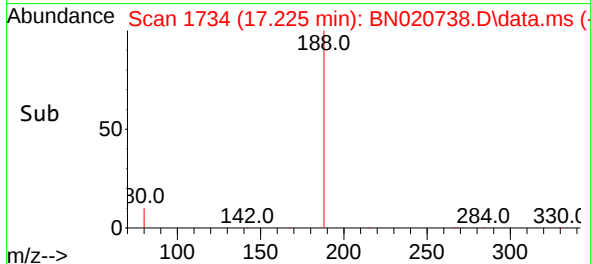
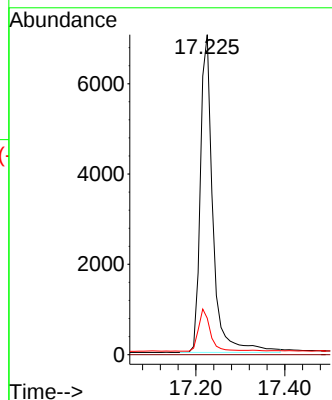
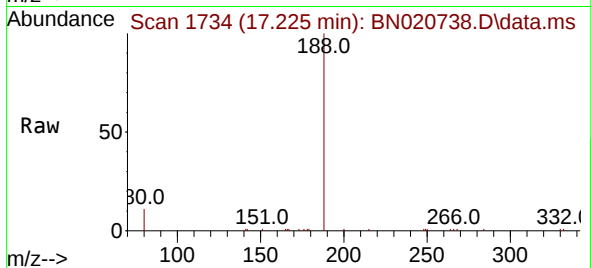
Tgt Ion:188 Resp: 13759

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.4 7.4 11.2#



#24

Pentachlorophenol

Concen: 0.188 ng

RT: 16.908 min Scan# 1703

Delta R.T. 0.010 min

Lab File: BN020738.D

Acq: 14 Jul 2022 16:02

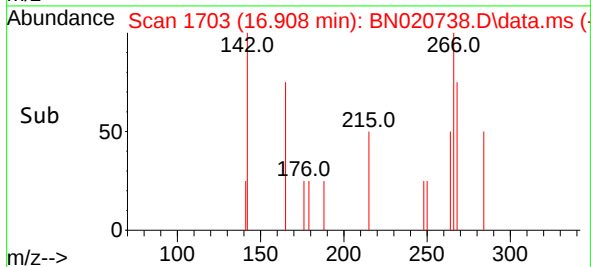
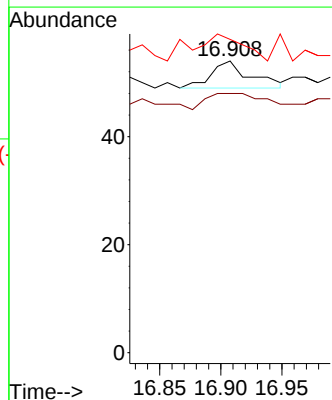
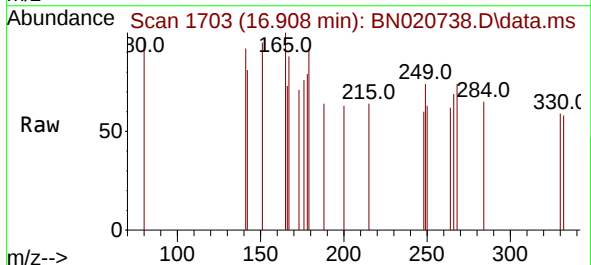
Tgt Ion:266 Resp: 11

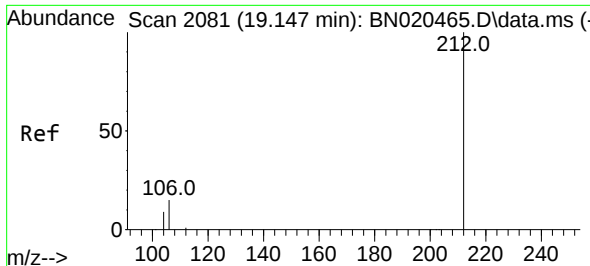
Ion Ratio Lower Upper

266 100

264 90.9 51.3 76.9#

268 127.3 52.6 79.0#

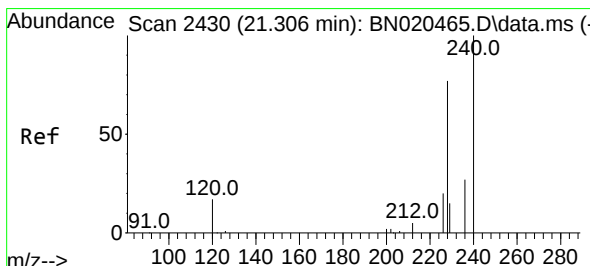
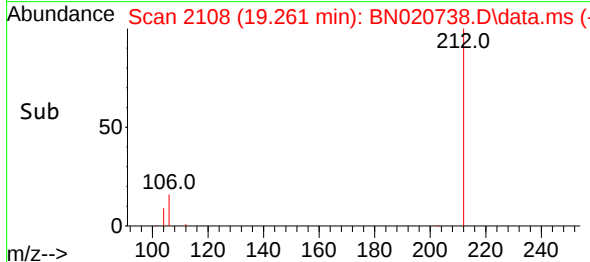
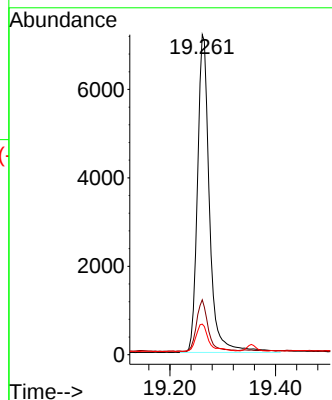
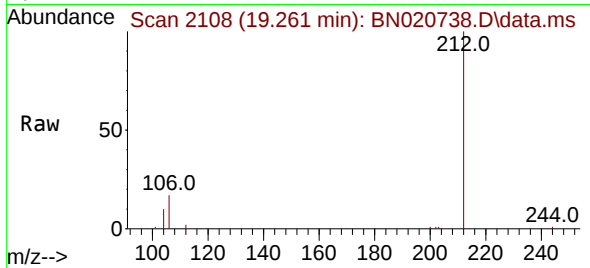




#27
Fluoranthene-d10
Concen: 0.279 ng
RT: 19.261 min Scan# 2108
Delta R.T. -0.008 min
Lab File: BN020738.D
Acq: 14 Jul 2022 16:02

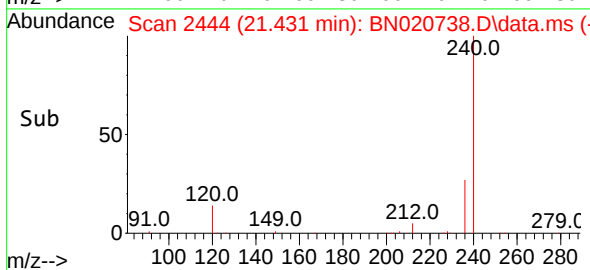
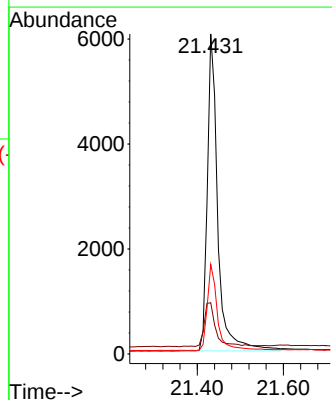
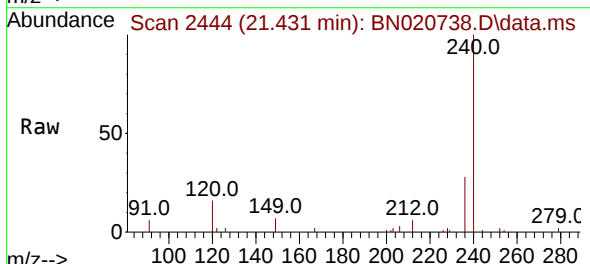
Instrument :
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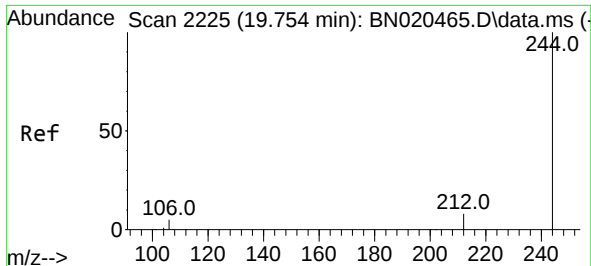
Tgt Ion:212 Resp: 11412
Ion Ratio Lower Upper
212 100
106 15.5 12.6 19.0
104 9.1 7.2 10.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.431 min Scan# 2444
Delta R.T. 0.000 min
Lab File: BN020738.D
Acq: 14 Jul 2022 16:02

Tgt Ion:240 Resp: 10193
Ion Ratio Lower Upper
240 100
120 16.0 14.6 21.8
236 27.9 22.6 33.8

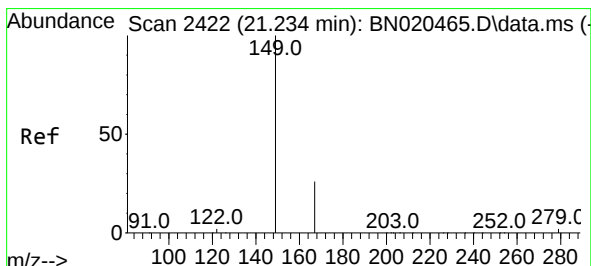
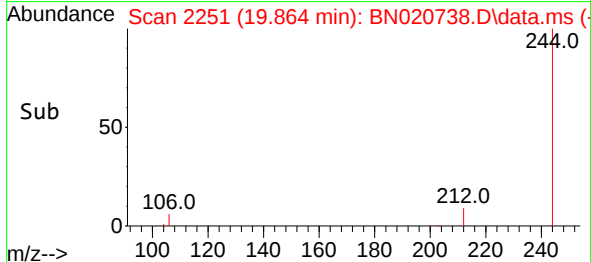
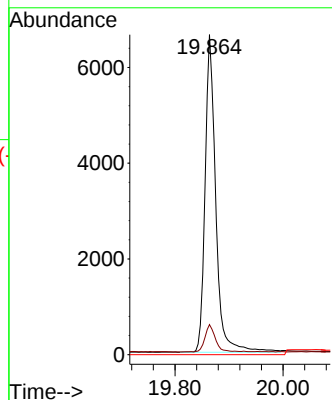
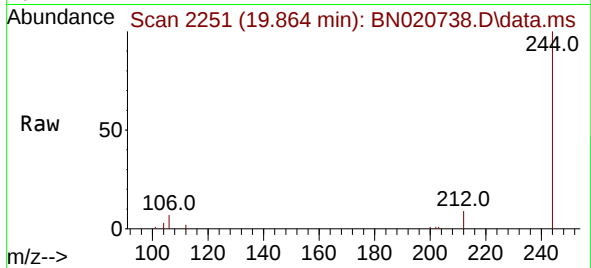




#31
 Terphenyl-d14
 Concen: 0.373 ng
 RT: 19.864 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BN020738.D
 Acq: 14 Jul 2022 16:02

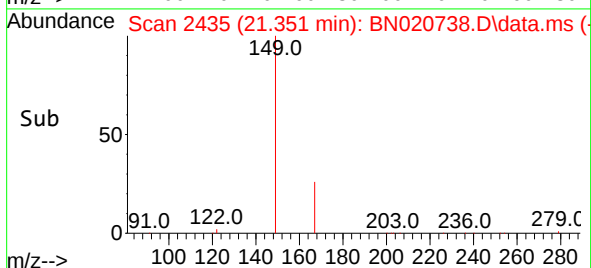
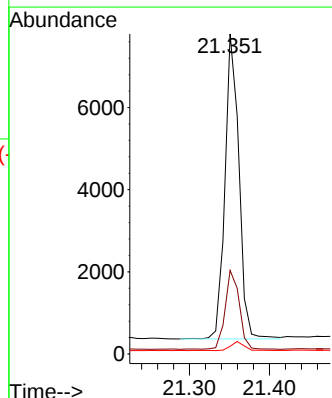
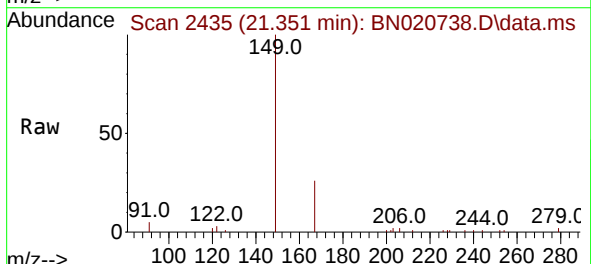
Instrument :
 BNA_N
 ClientSampleId :
 TT-149S1-20220712

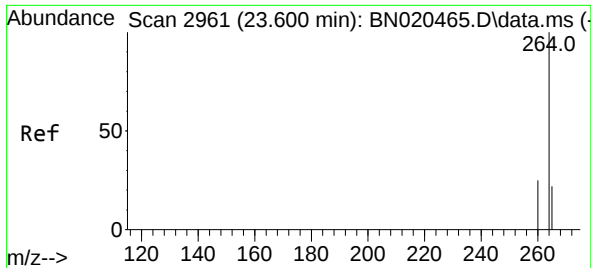
Tgt Ion:244 Resp: 9087
 Ion Ratio Lower Upper
 244 100
 212 9.4 7.1 10.7
 122 0.0 0.0 0.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.439 ng
 RT: 21.351 min Scan# 2435
 Delta R.T. 0.000 min
 Lab File: BN020738.D
 Acq: 14 Jul 2022 16:02

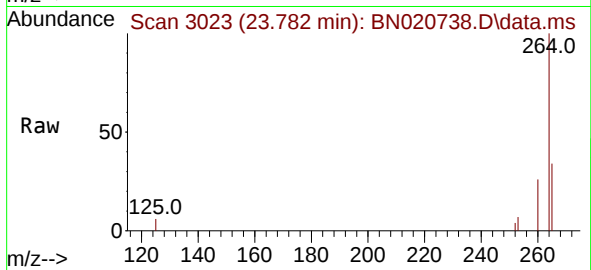
Tgt Ion:149 Resp: 9013
 Ion Ratio Lower Upper
 149 100
 167 26.4 21.7 32.5
 279 2.8 2.2 3.2





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.782 min Scan# 30
Delta R.T. -0.009 min
Lab File: BN020738.D
Acq: 14 Jul 2022 16:02

Instrument :
BNA_N
ClientSampleId :
TT-149S1-20220712



Tgt Ion:264 Resp: 10980

Ion	Ratio	Lower	Upper
264	100		
260	26.3	20.9	31.3
265	34.3	28.0	42.0

