

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082622\
 Data File : BN021411.D
 Acq On : 27 Aug 2022 09:28
 Operator : CG/JU
 Sample : N4280-08
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT149S-20220817

Quant Time: Aug 29 03:13:25 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 26 23:37:03 2022
 Response via : Initial Calibration

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

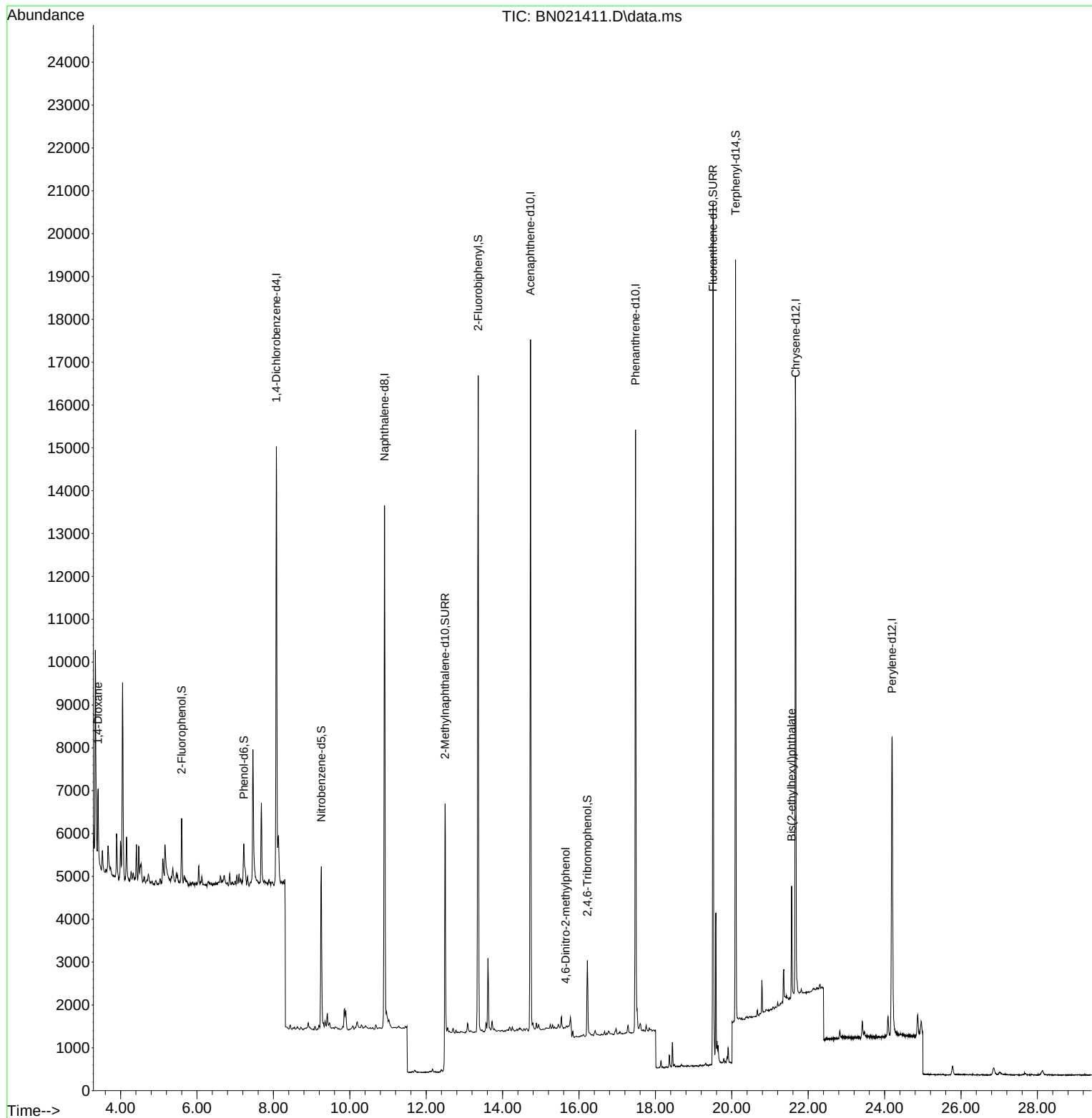
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.076	152	5111	0.400	ng	0.00
7) Naphthalene-d8	10.909	136	16169	0.400	ng	0.00
13) Acenaphthene-d10	14.728	164	8842	0.400	ng	0.00
19) Phenanthrene-d10	17.480	188	18802	0.400	ng	0.00
29) Chrysene-d12	21.673	240	14322	0.400	ng	0.00
35) Perylene-d12	24.194	264	11259	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.599	112	1232	0.089	ng	0.00
5) Phenol-d6	7.224	99	912	0.053	ng	0.00
8) Nitrobenzene-d5	9.254	82	3413	0.279	ng	0.00
11) 2-Methylnaphthalene-d10	12.493	152	12363	0.453	ng	0.00
14) 2,4,6-Tribromophenol	16.218	330	1028	0.254	ng	0.00
15) 2-Fluorobiphenyl	13.360	172	13255	0.335	ng	0.00
27) Fluoranthene-d10	19.510	212	21464	0.382	ng	0.00
31) Terphenyl-d14	20.097	244	15212	0.503	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.410	88	1138	0.161	ng	Qvalue # 90
20) 4,6-Dinitro-2-methylph...	15.648	198	1	0.040	ng	96
34) Bis(2-ethylhexyl)phtha...	21.565	149	2477	0.095	ng	97

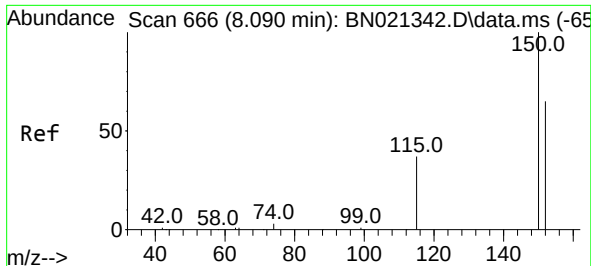
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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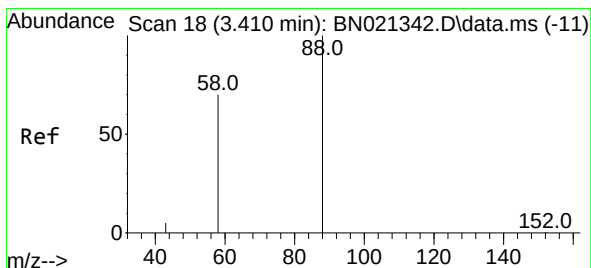
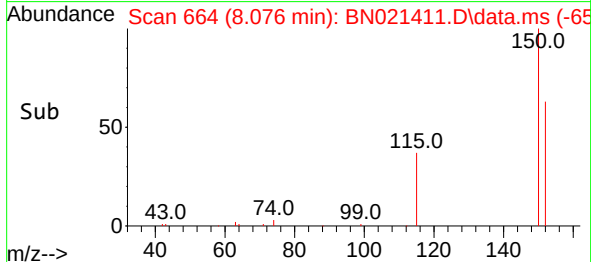
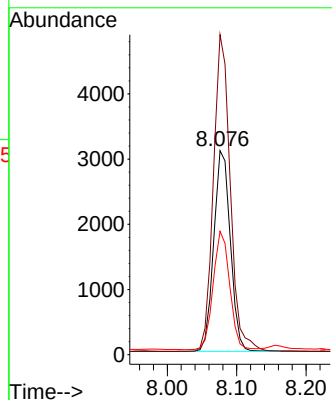
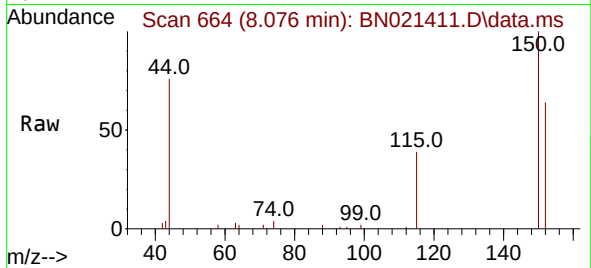




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.076 min Scan# 666
 Delta R.T. -0.007 min
 Lab File: BN021411.D
 Acq: 27 Aug 2022 09:28

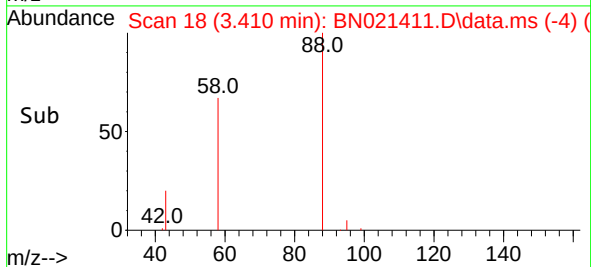
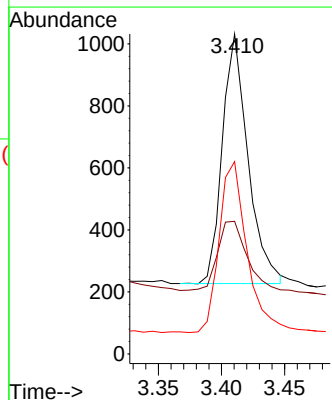
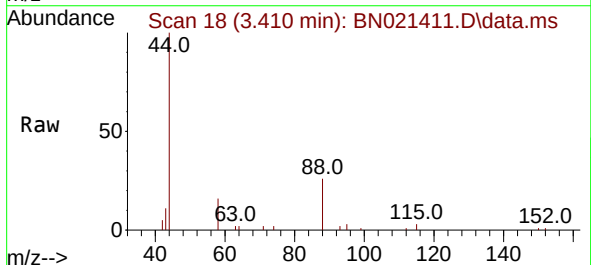
Instrument :
 BNA_N
 ClientSampleId :
 TT149S-20220817

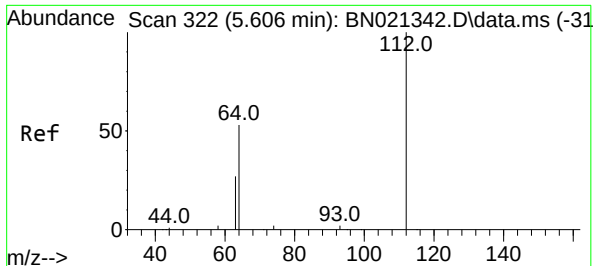
Tgt Ion:152 Resp: 5111
 Ion Ratio Lower Upper
 152 100
 150 156.9 121.4 182.0
 115 60.5 48.6 72.8



#2
 1,4-Dioxane
 Concen: 0.161 ng
 RT: 3.410 min Scan# 18
 Delta R.T. -0.000 min
 Lab File: BN021411.D
 Acq: 27 Aug 2022 09:28

Tgt Ion: 88 Resp: 1138
 Ion Ratio Lower Upper
 88 100
 43 31.1 35.8 53.8#
 58 73.6 57.1 85.7





#4

2-Fluorophenol

Concen: 0.089 ng

RT: 5.599 min Scan# 31

Delta R.T. -0.000 min

Lab File: BN021411.D

Acq: 27 Aug 2022 09:28

Instrument :

BNA_N

ClientSampleId :

TT149S-20220817

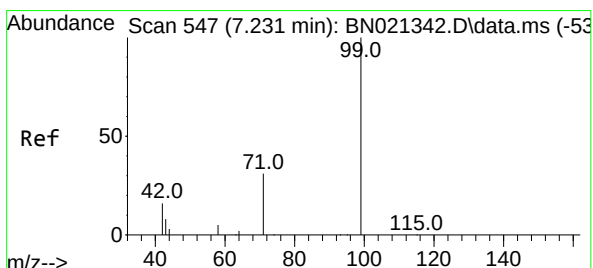
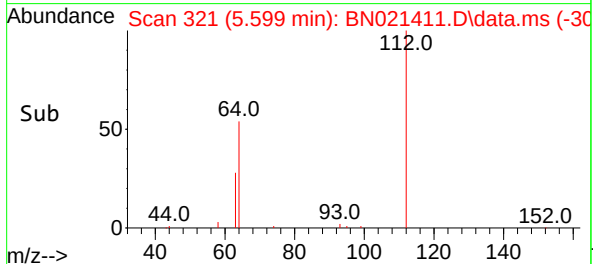
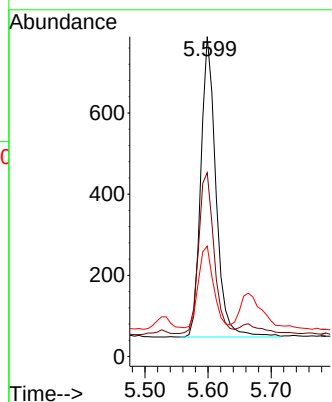
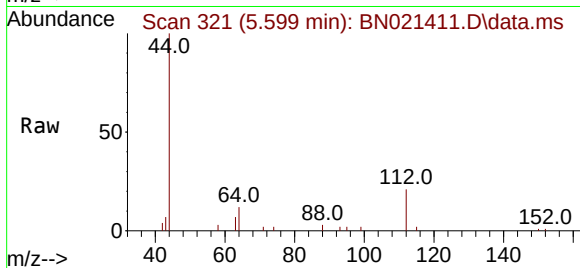
Tgt Ion:112 Resp: 1232

Ion Ratio Lower Upper

112 100

64 54.3 43.5 65.3

63 26.9 22.6 34.0



#5

Phenol-d6

Concen: 0.053 ng

RT: 7.224 min Scan# 546

Delta R.T. -0.007 min

Lab File: BN021411.D

Acq: 27 Aug 2022 09:28

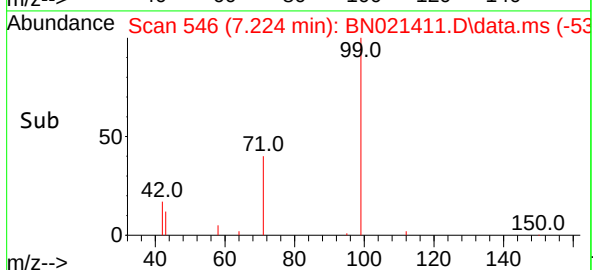
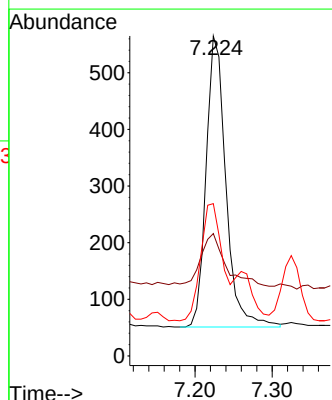
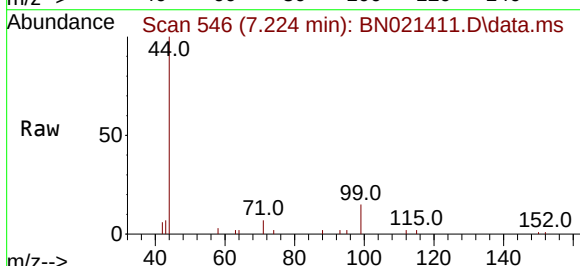
Tgt Ion: 99 Resp: 912

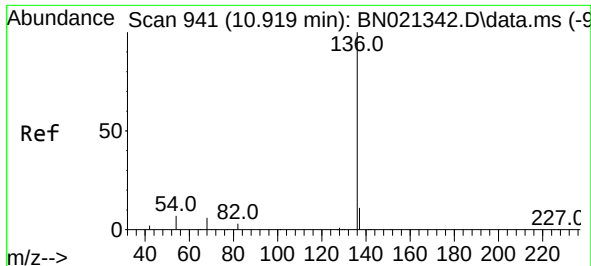
Ion Ratio Lower Upper

99 100

42 23.7 15.5 23.3#

71 44.2 24.2 36.2#

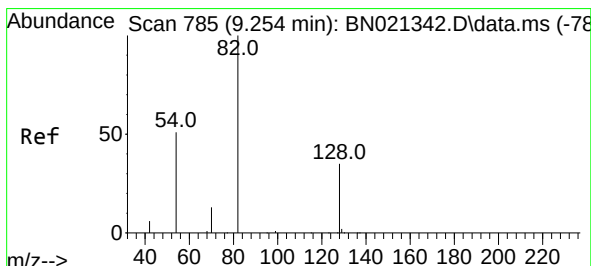
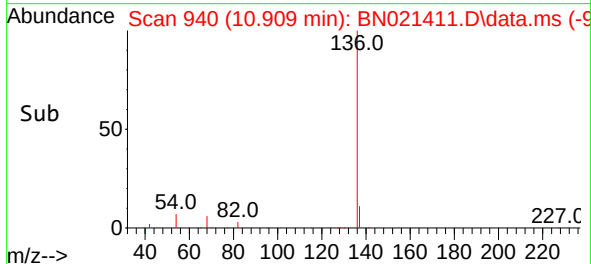
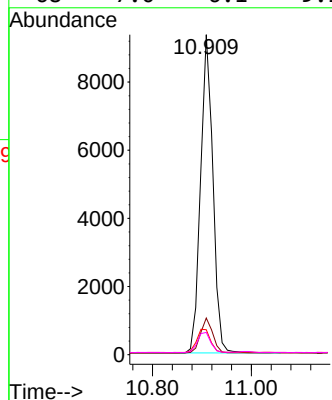
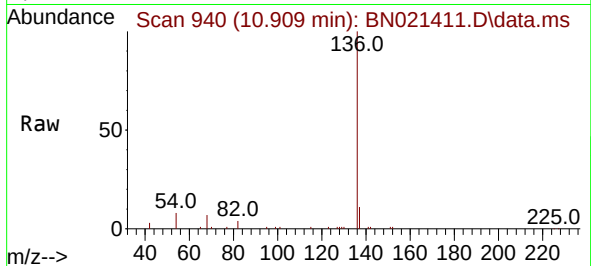




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.909 min Scan# 941
Delta R.T. -0.000 min
Lab File: BN021411.D
Acq: 27 Aug 2022 09:28

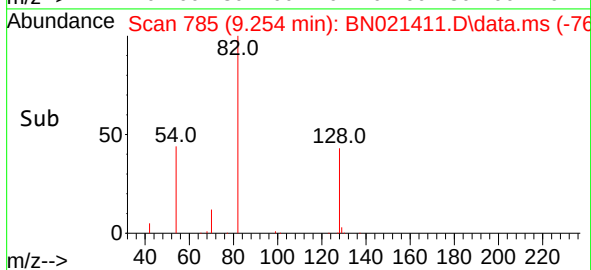
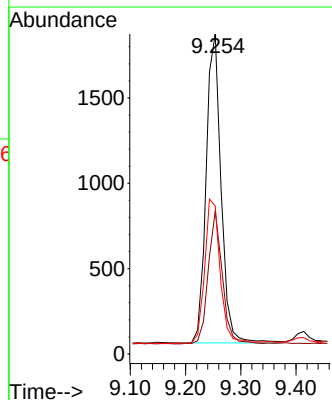
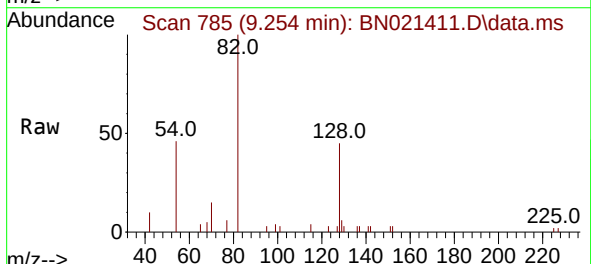
Instrument :
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TT149S-20220817

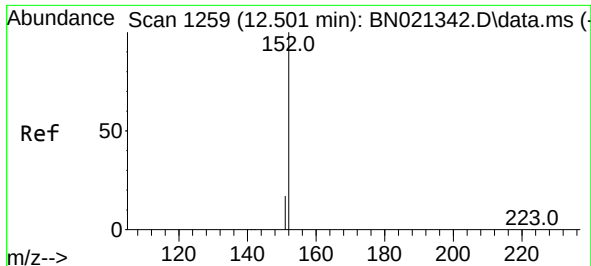
Tgt Ion:	136	Resp:	16169
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.3	13.9
54	7.8	6.9	10.3
68	7.0	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.279 ng
RT: 9.254 min Scan# 785
Delta R.T. -0.000 min
Lab File: BN021411.D
Acq: 27 Aug 2022 09:28

Tgt Ion:	82	Resp:	3413
Ion Ratio	Lower	Upper	
82	100		
128	44.6	30.9	46.3
54	46.2	42.7	64.1





#11

2-Methylnaphthalene-d10

Concen: 0.453 ng

RT: 12.493 min Scan# 1257

Delta R.T. -0.004 min

Lab File: BN021411.D

Acq: 27 Aug 2022 09:28

Instrument :

BNA_N

ClientSampleId :

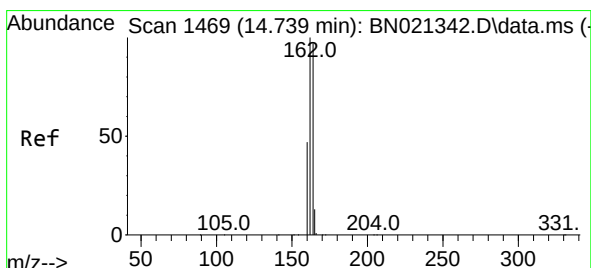
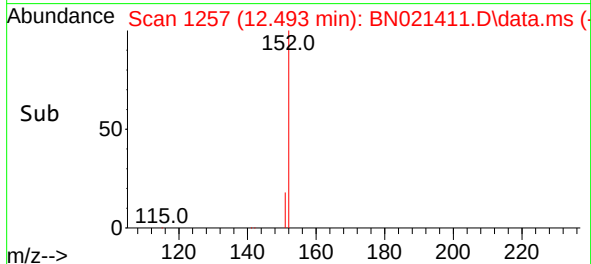
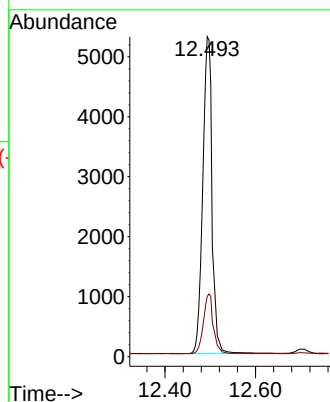
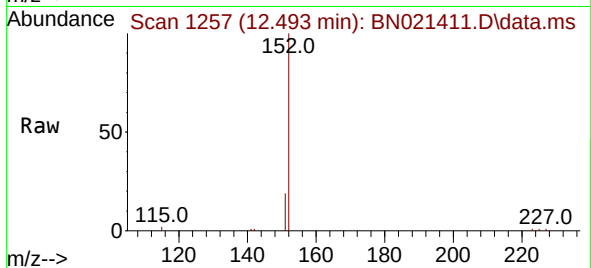
TT149S-20220817

Tgt Ion:152 Resp: 12363

Ion Ratio Lower Upper

152 100

151 18.0 14.5 21.7



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.728 min Scan# 1468

Delta R.T. -0.000 min

Lab File: BN021411.D

Acq: 27 Aug 2022 09:28

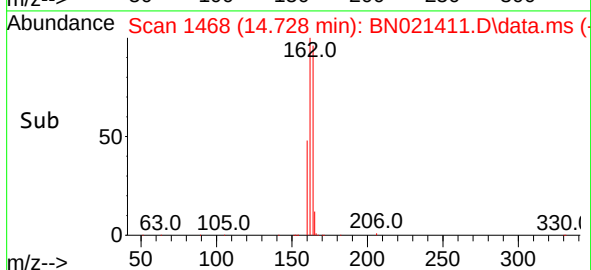
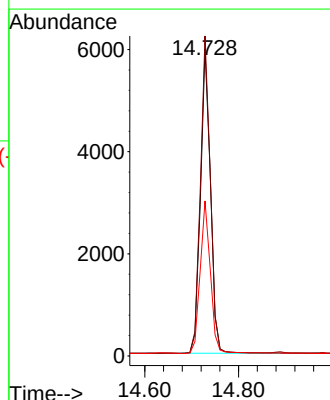
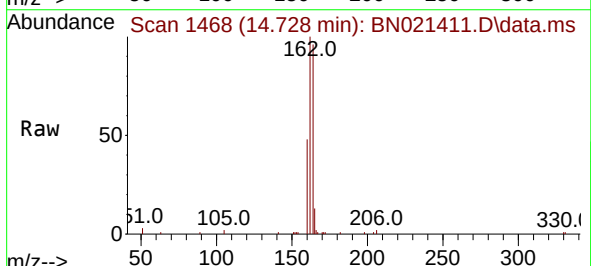
Tgt Ion:164 Resp: 8842

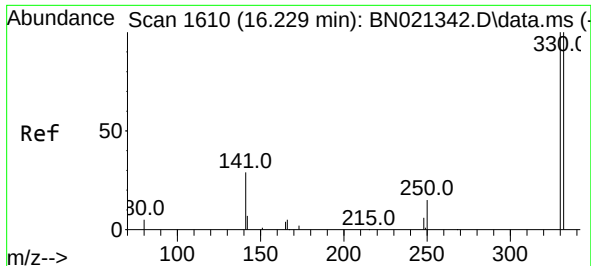
Ion Ratio Lower Upper

164 100

162 104.2 82.2 123.4

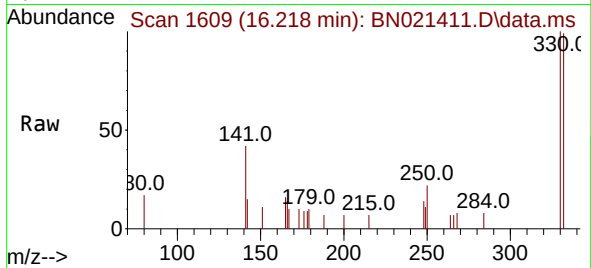
160 50.5 39.5 59.3



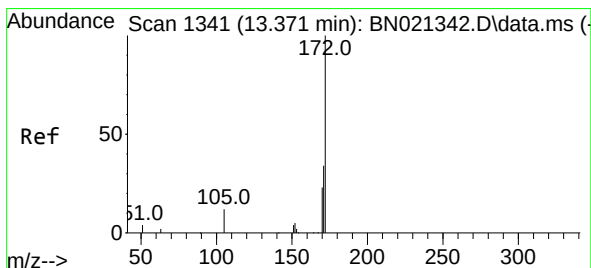
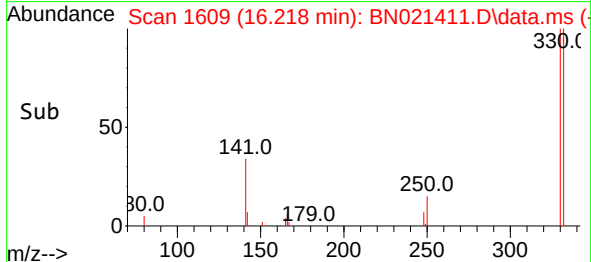
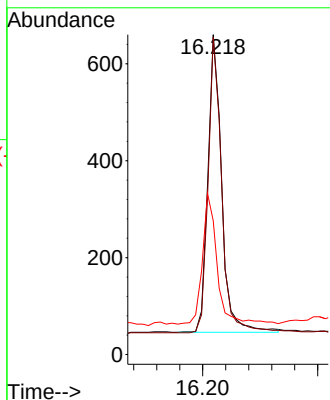


#14
2,4,6-Tribromophenol
Concen: 0.254 ng
RT: 16.218 min Scan# 1609
Delta R.T. -0.000 min
Lab File: BN021411.D
Acq: 27 Aug 2022 09:28

Instrument :
BNA_N
ClientSampleId :
TT149S-20220817

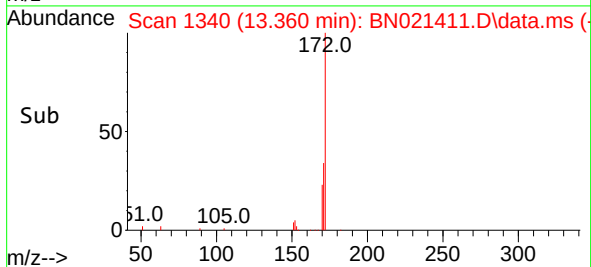
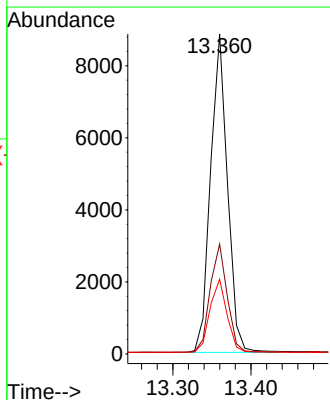
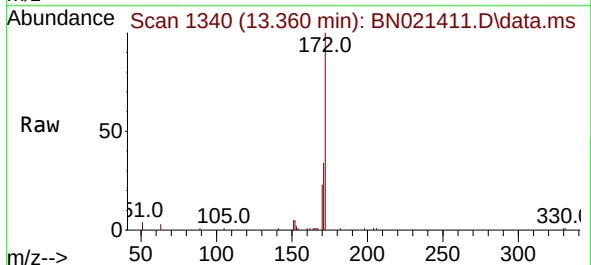


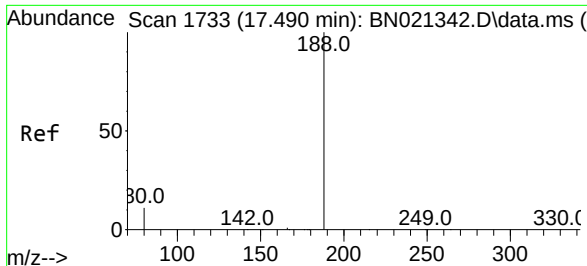
Tgt Ion:330 Resp: 1028
Ion Ratio Lower Upper
330 100
332 96.9 79.3 118.9
141 46.4 37.1 55.7



#15
2-Fluorobiphenyl
Concen: 0.335 ng
RT: 13.360 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BN021411.D
Acq: 27 Aug 2022 09:28

Tgt Ion:172 Resp: 13255
Ion Ratio Lower Upper
172 100
171 34.3 27.8 41.6
170 23.3 18.6 28.0

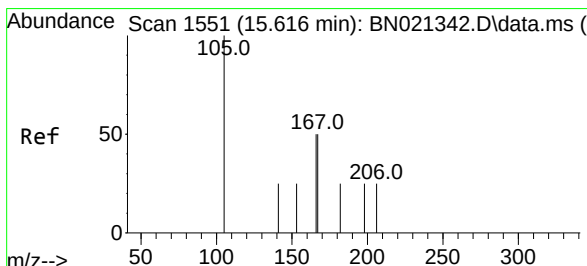
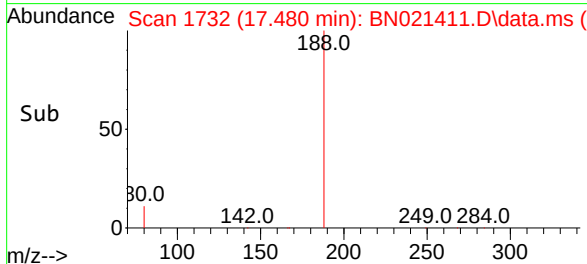
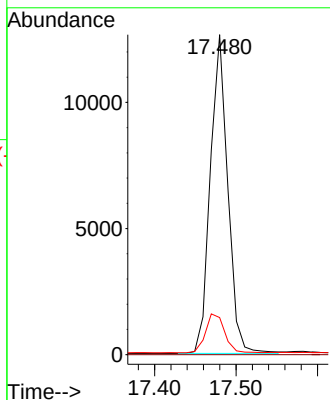
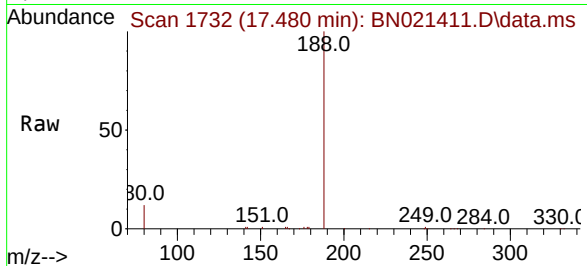




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.480 min Scan# 1732
Delta R.T. -0.000 min
Lab File: BN021411.D
Acq: 27 Aug 2022 09:28

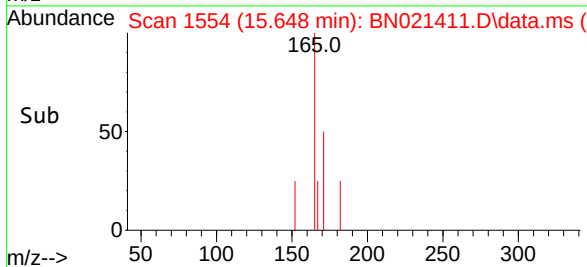
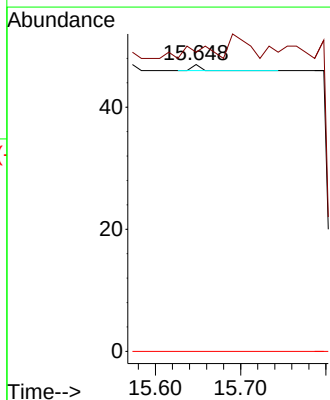
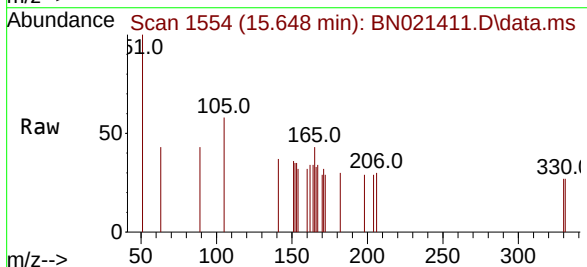
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ClientSampleId :
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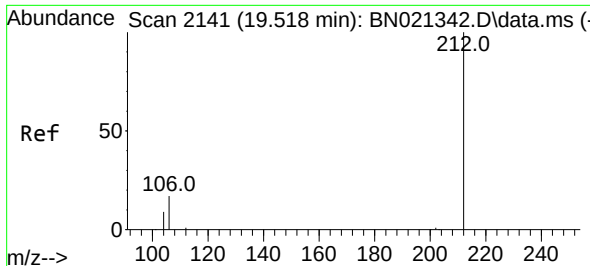
Tgt Ion:188 Resp: 18802
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.6 9.5 14.3



#20
4,6-Dinitro-2-methylphenol
Concen: 0.040 ng
RT: 15.648 min Scan# 1554
Delta R.T. 0.021 min
Lab File: BN021411.D
Acq: 27 Aug 2022 09:28

Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
182 104.3 86.6 130.0
77 0.0 0.0 0.0

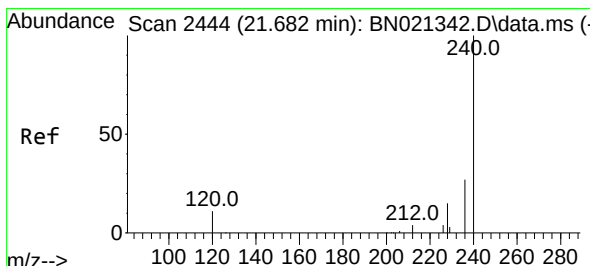
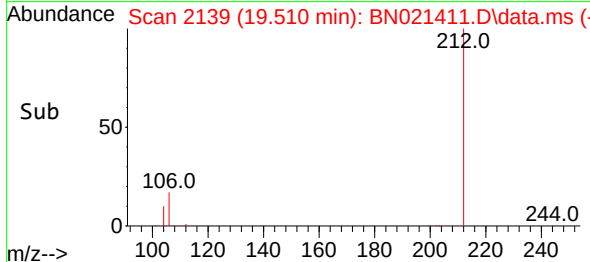
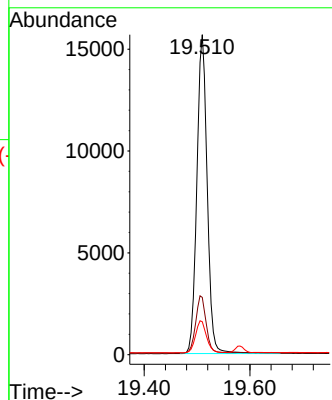
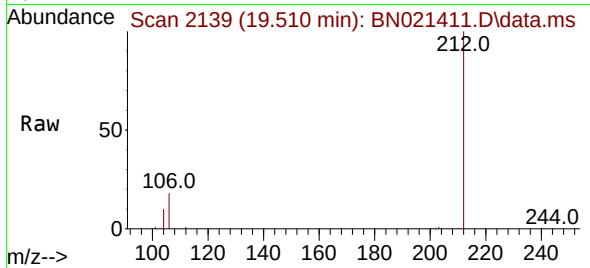




#27
Fluoranthene-d10
Concen: 0.382 ng
RT: 19.510 min Scan# 2141
Delta R.T. -0.000 min
Lab File: BN021411.D
Acq: 27 Aug 2022 09:28

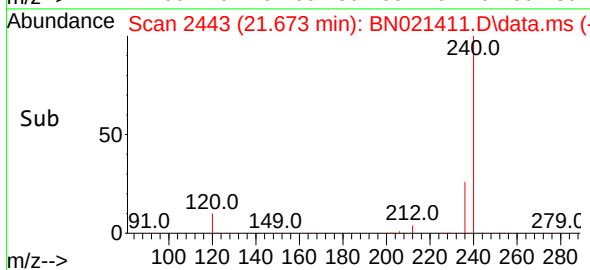
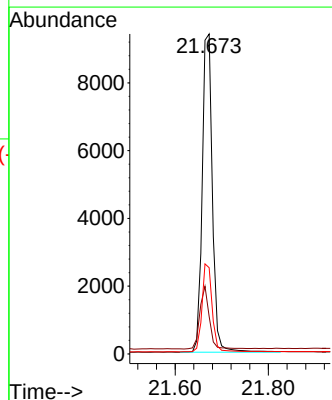
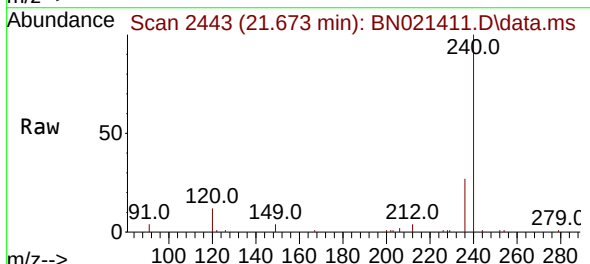
Instrument :
BNA_N
ClientSampleId :
TT149S-20220817

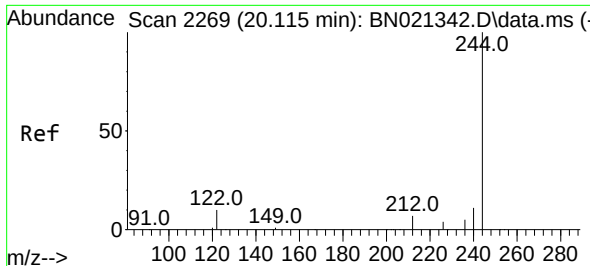
Tgt Ion:212 Resp: 21464
Ion Ratio Lower Upper
212 100
106 18.0 14.2 21.2
104 10.7 7.8 11.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.673 min Scan# 2443
Delta R.T. -0.000 min
Lab File: BN021411.D
Acq: 27 Aug 2022 09:28

Tgt Ion:240 Resp: 14322
Ion Ratio Lower Upper
240 100
120 11.7 10.2 15.4
236 27.0 22.1 33.1

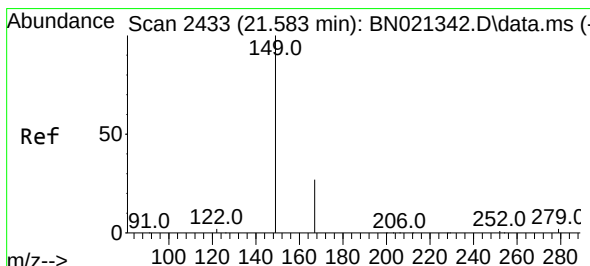
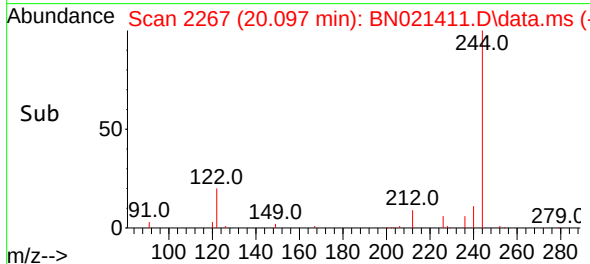
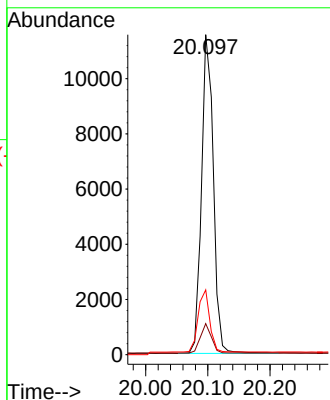
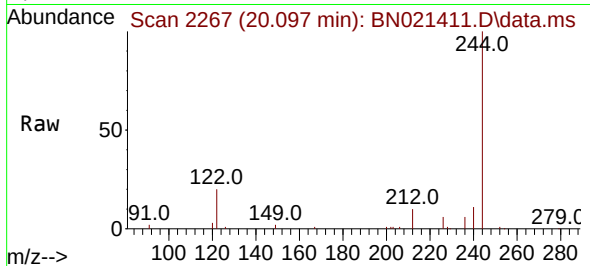




#31
 Terphenyl-d14
 Concen: 0.503 ng
 RT: 20.097 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN021411.D
 Acq: 27 Aug 2022 09:28

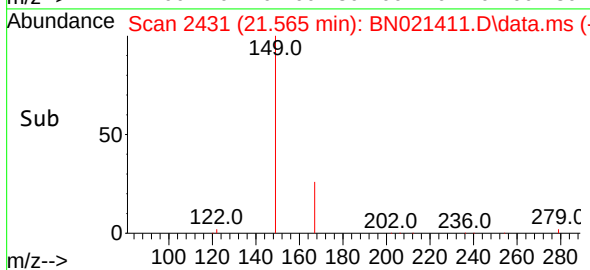
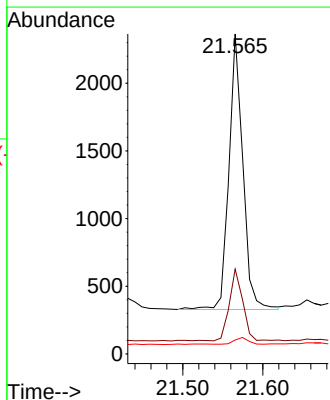
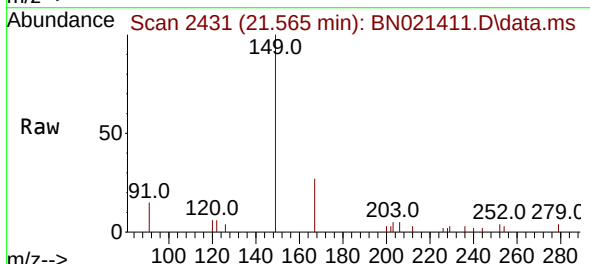
Instrument :
 BNA_N
 ClientSampleId :
 TT149S-20220817

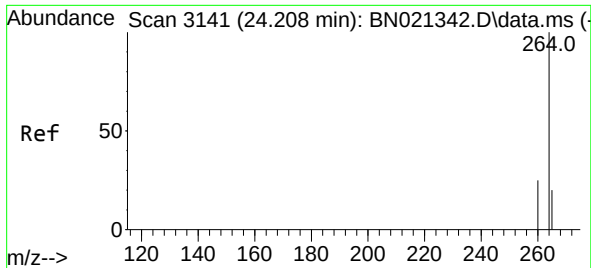
Tgt Ion:244 Resp: 15212
 Ion Ratio Lower Upper
 244 100
 212 9.7 6.5 9.7
 122 20.3 9.1 13.7#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.095 ng
 RT: 21.565 min Scan# 2431
 Delta R.T. -0.009 min
 Lab File: BN021411.D
 Acq: 27 Aug 2022 09:28

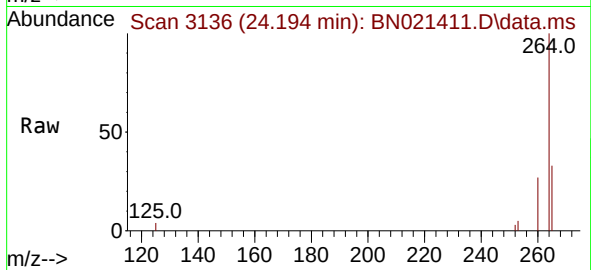
Tgt Ion:149 Resp: 2477
 Ion Ratio Lower Upper
 149 100
 167 24.8 21.4 32.0
 279 2.4 2.2 3.2





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.194 min Scan# 31
 Delta R.T. -0.009 min
 Lab File: BN021411.D
 Acq: 27 Aug 2022 09:28

Instrument :
 BNA_N
 ClientSampleId :
 TT149S-20220817



Tgt Ion:264 Resp: 11259
 Ion Ratio Lower Upper
 264 100
 260 26.8 21.0 31.6
 265 32.6 32.2 48.2

