

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032422\
 Data File : BN019130.D
 Acq On : 24 Mar 2022 17:32
 Operator : CG/JU
 Sample : N2074-07DL 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE131D1-20220319DL

Quant Time: Mar 25 04:29:29 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 17 13:18:23 2022
 Response via : Initial Calibration

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

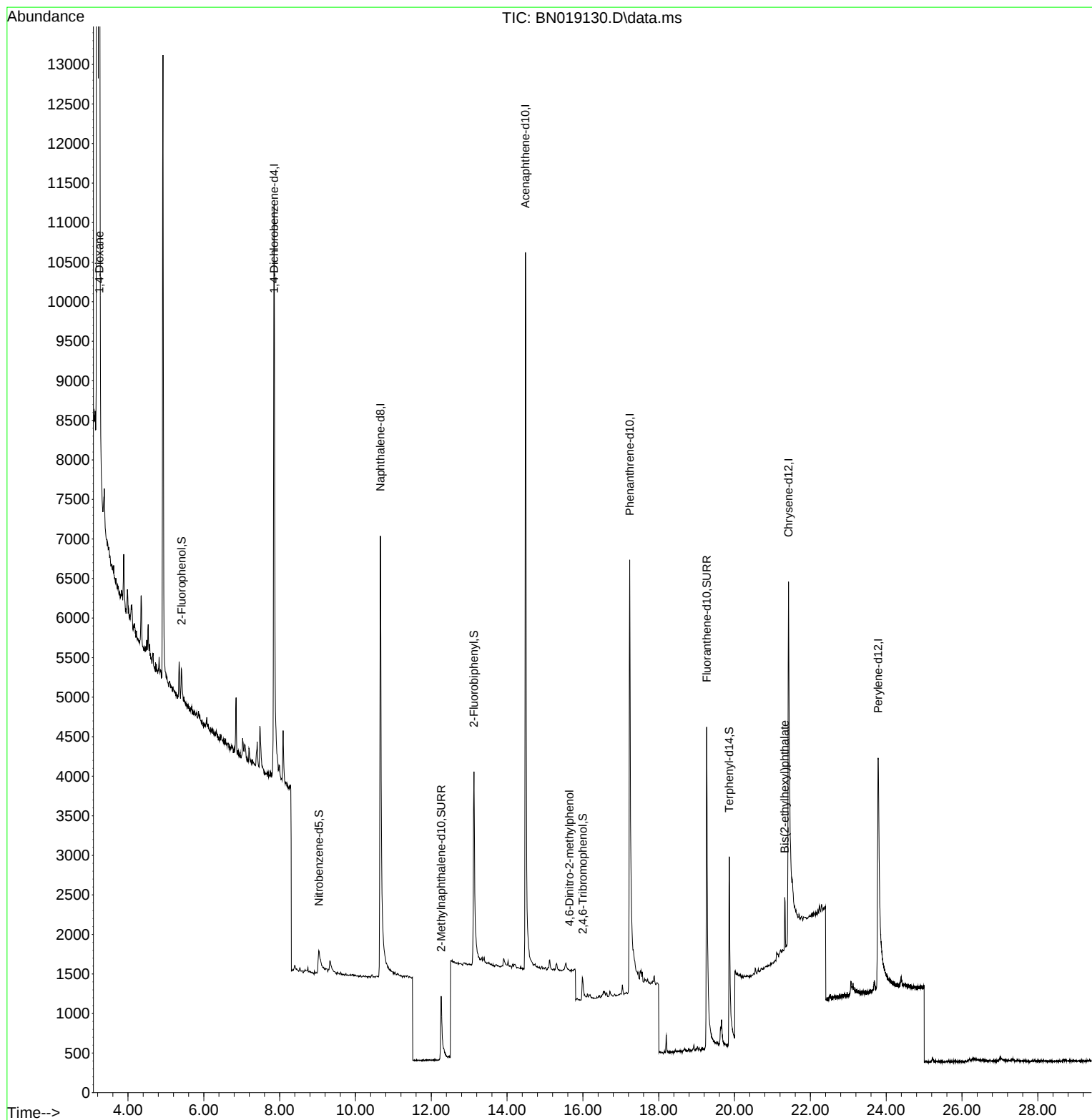
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	4575	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	11244	0.400	ng	# 0.00
13) Acenaphthene-d10	14.484	164	6763	0.400	ng	-0.01
19) Phenanthrene-d10	17.236	188	13183	0.400	ng	0.00
29) Chrysene-d12	21.422	240	10027	0.400	ng	# 0.00
35) Perylene-d12	23.787	264	7808	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.413	112	460	0.045	ng	0.00
5) Phenol-d6	7.031	99	147	0.014	ng	0.02
8) Nitrobenzene-d5	9.035	82	730	0.090	ng	0.02
11) 2-Methylnaphthalene-d10	12.261	152	2168	0.116	ng	0.01
14) 2,4,6-Tribromophenol	15.995	330	282	0.086	ng	0.01
15) 2-Fluorobiphenyl	13.127	172	3238	0.119	ng	0.00
27) Fluoranthene-d10	19.265	212	7552	0.193	ng	0.00
31) Terphenyl-d14	19.860	244	4841	0.197	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.247	88	16986	3.004	ng	98
20) 4,6-Dinitro-2-methylph...	15.650	198	1	0.110	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.324	149	661	0.032	ng	# 92

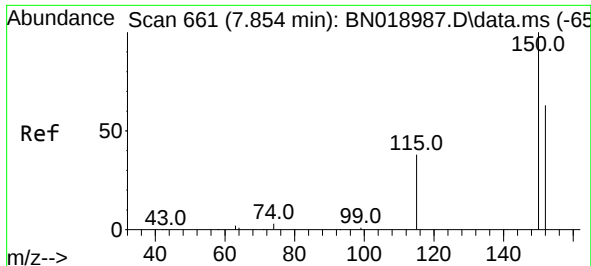
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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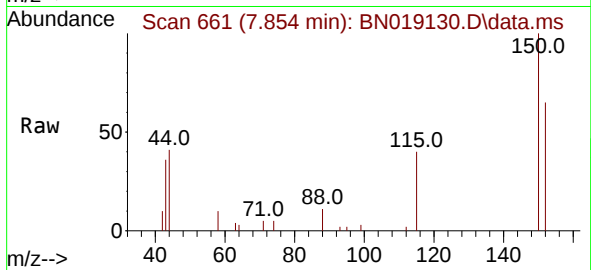
Quant Time: Mar 25 04:29:29 2022
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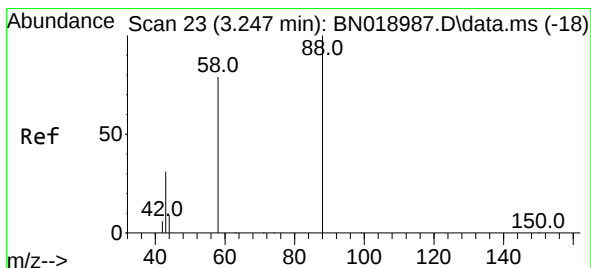
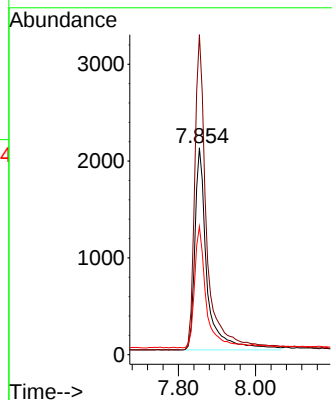
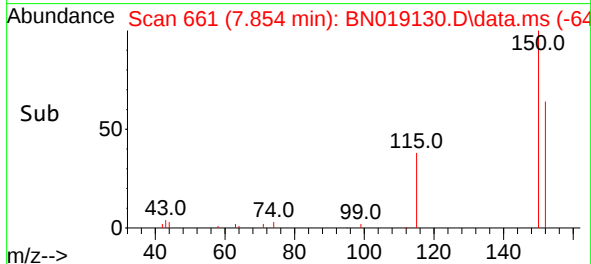


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.854 min Scan# 661
 Delta R.T. 0.000 min
 Lab File: BN019130.D
 Acq: 24 Mar 2022 17:32

Instrument :
 BNA_N
 ClientSampleId :
 RE131D1-20220319DL

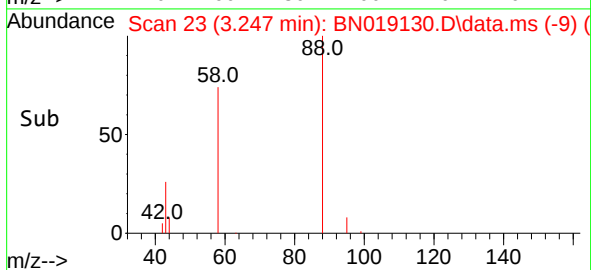
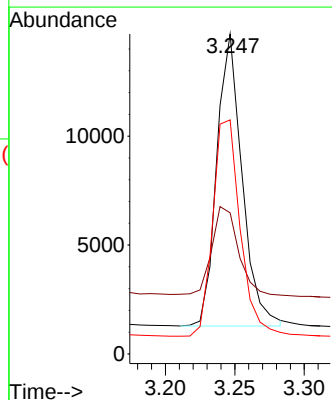
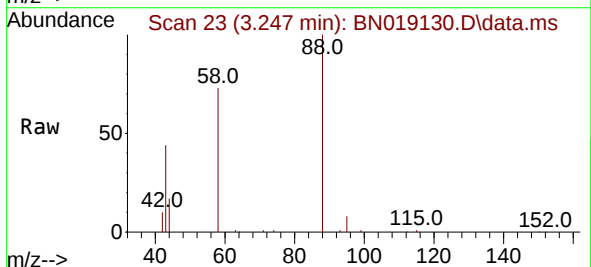


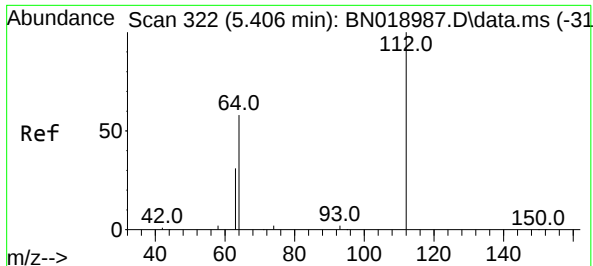
Tgt Ion:152 Resp: 4575
 Ion Ratio Lower Upper
 152 100
 150 154.7 123.9 185.9
 115 61.9 48.2 72.4



#2
 1,4-Dioxane
 Concen: 3.004 ng
 RT: 3.247 min Scan# 23
 Delta R.T. -0.000 min
 Lab File: BN019130.D
 Acq: 24 Mar 2022 17:32

Tgt Ion: 88 Resp: 16986
 Ion Ratio Lower Upper
 88 100
 43 31.7 24.6 37.0
 58 80.5 65.4 98.2





#4

2-Fluorophenol

Concen: 0.045 ng

RT: 5.413 min Scan# 31

Delta R.T. 0.007 min

Lab File: BN019130.D

Acq: 24 Mar 2022 17:32

Instrument :

BNA_N

ClientSampleId :

RE131D1-20220319DL

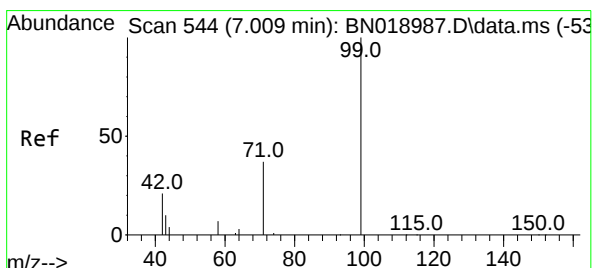
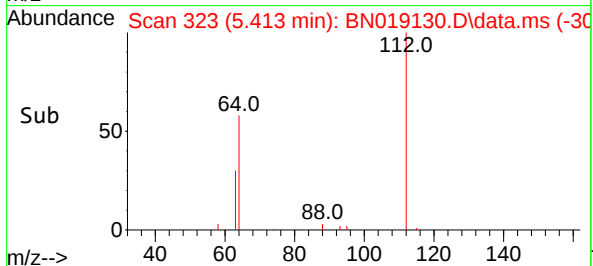
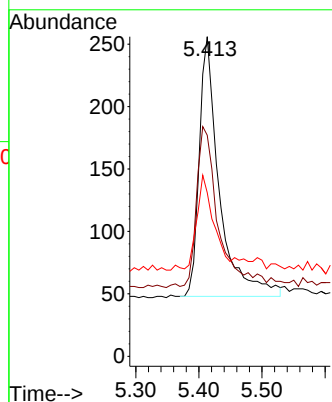
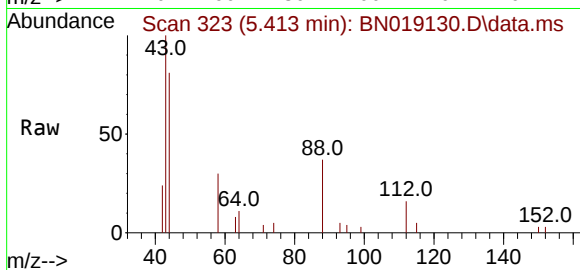
Tgt Ion:112 Resp: 460

Ion Ratio Lower Upper

112 100

64 67.6 47.8 71.8

63 29.8 25.7 38.5



#5

Phenol-d6

Concen: 0.014 ng

RT: 7.031 min Scan# 547

Delta R.T. 0.022 min

Lab File: BN019130.D

Acq: 24 Mar 2022 17:32

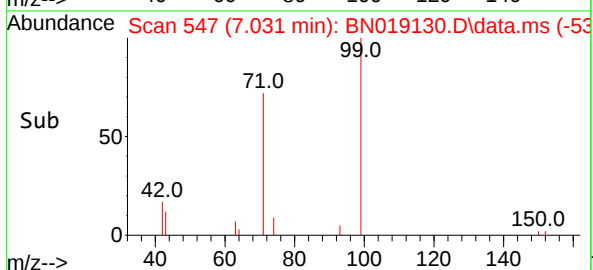
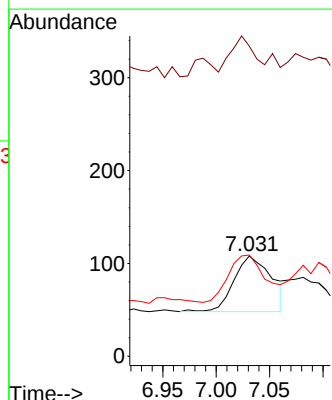
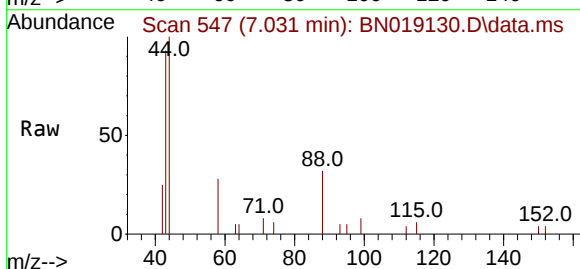
Tgt Ion: 99 Resp: 147

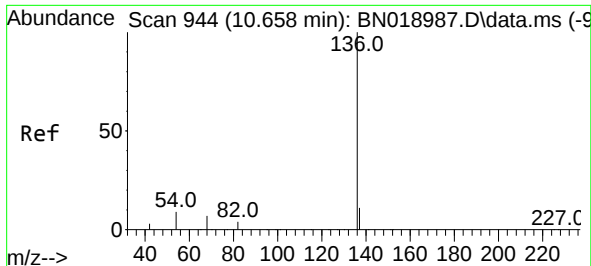
Ion Ratio Lower Upper

99 100

42 38.1 16.2 24.4#

71 84.4 27.7 41.5#

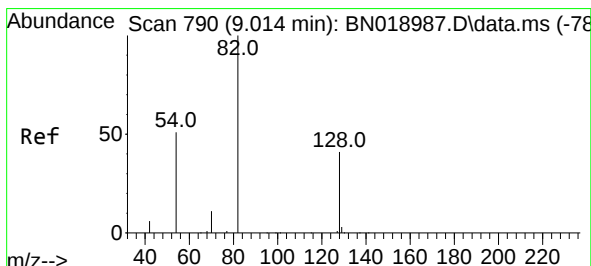
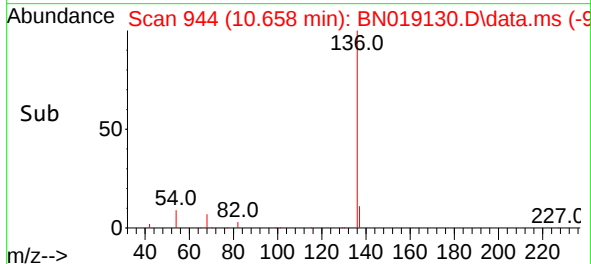
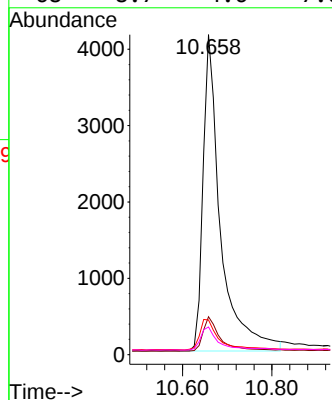
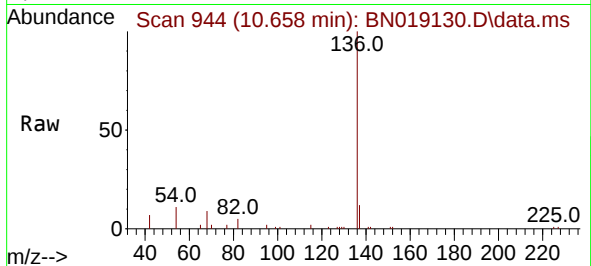




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 944
Delta R.T. -0.000 min
Lab File: BN019130.D
Acq: 24 Mar 2022 17:32

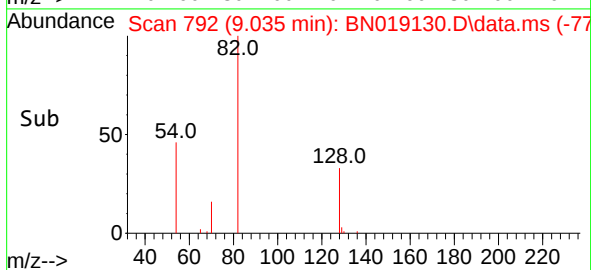
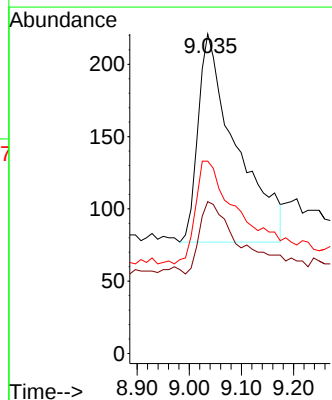
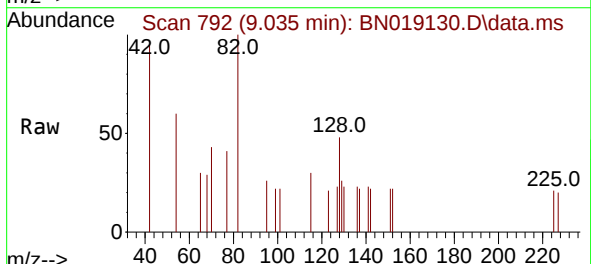
Instrument :
BNA_N
ClientSampleId :
RE131D1-20220319DL

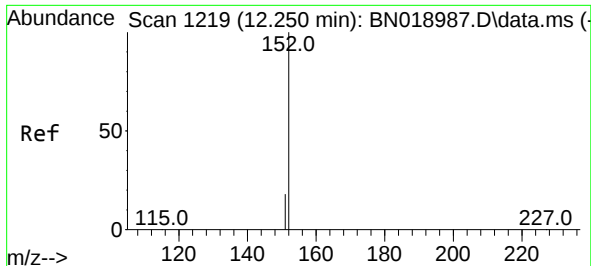
Tgt Ion:	136	Resp:	11244
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.0	13.4
54	10.9	5.8	8.6#
68	8.7	4.6	7.0#



#8
Nitrobenzene-d5
Concen: 0.090 ng
RT: 9.035 min Scan# 792
Delta R.T. 0.021 min
Lab File: BN019130.D
Acq: 24 Mar 2022 17:32

Tgt Ion:	82	Resp:	730
Ion	Ratio	Lower	Upper
82	100		
128	47.5	33.0	49.6
54	60.2	42.5	63.7

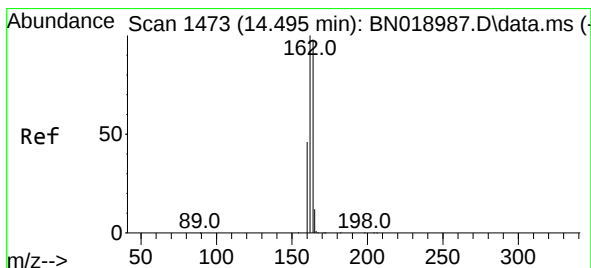
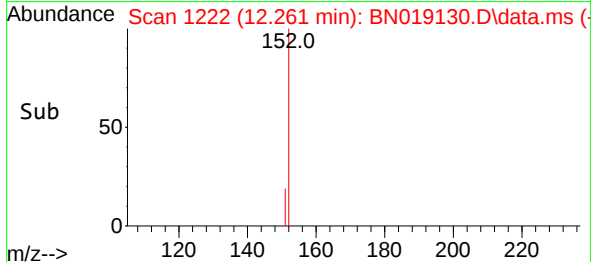
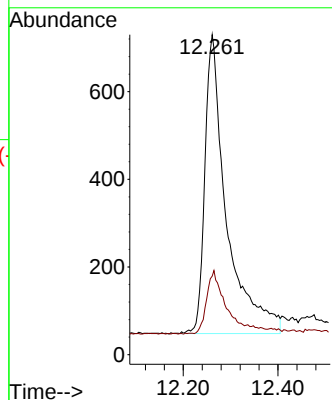
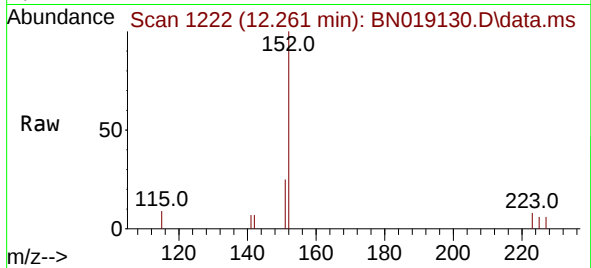




#11
2-Methylnaphthalene-d10
Concen: 0.116 ng
RT: 12.261 min Scan# 11
Delta R.T. 0.011 min
Lab File: BN019130.D
Acq: 24 Mar 2022 17:32

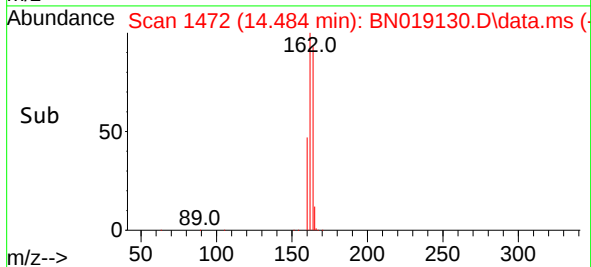
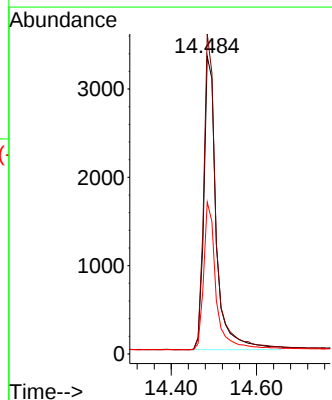
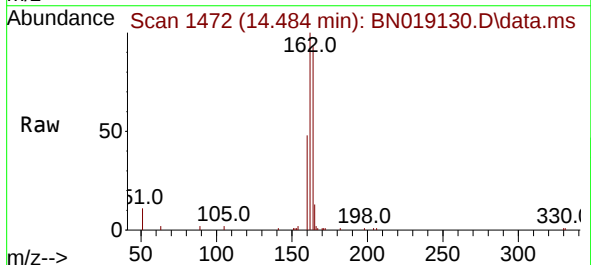
Instrument :
BNA_N
ClientSampleId :
RE131D1-20220319DL

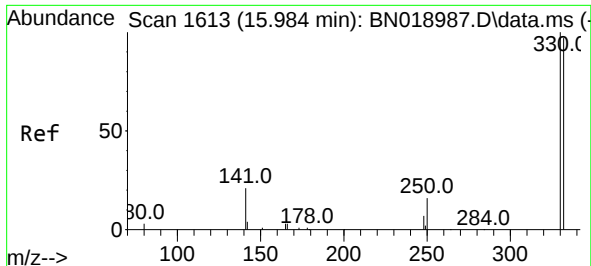
Tgt Ion:152 Resp: 2168
Ion Ratio Lower Upper
152 100
151 19.0 16.5 24.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1472
Delta R.T. -0.011 min
Lab File: BN019130.D
Acq: 24 Mar 2022 17:32

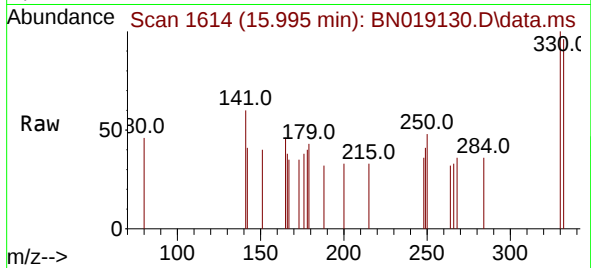
Tgt Ion:164 Resp: 6763
Ion Ratio Lower Upper
164 100
162 107.5 85.2 127.8
160 51.1 41.5 62.3



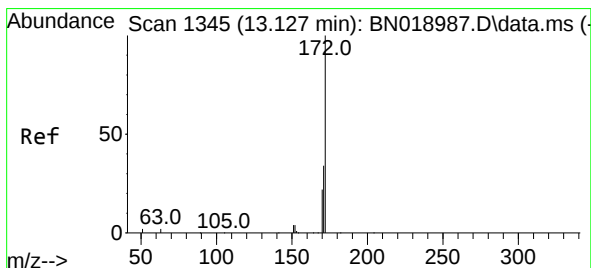
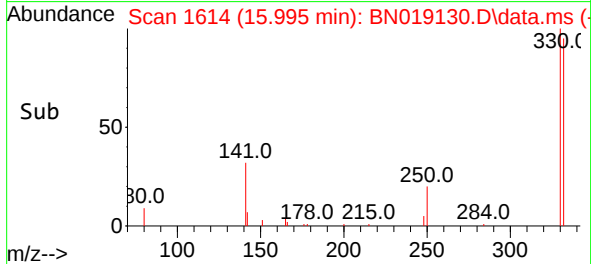
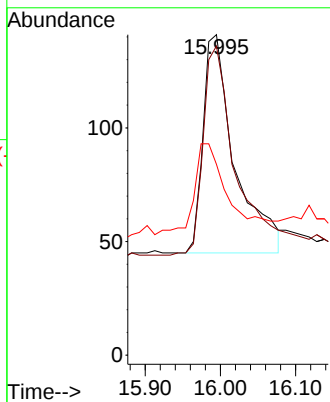


#14
2,4,6-Tribromophenol
Concen: 0.086 ng
RT: 15.995 min Scan# 1614
Delta R.T. 0.010 min
Lab File: BN019130.D
Acq: 24 Mar 2022 17:32

Instrument :
BNA_N
ClientSampleId :
RE131D1-20220319DL

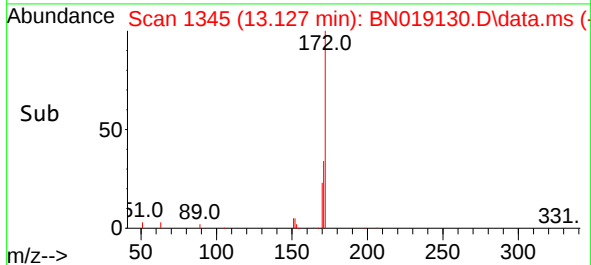
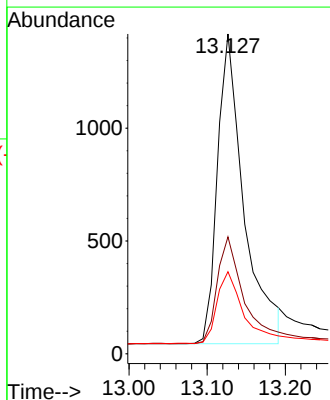
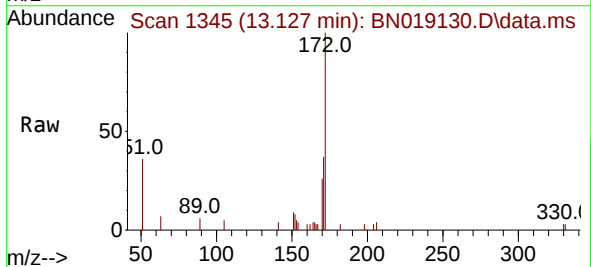


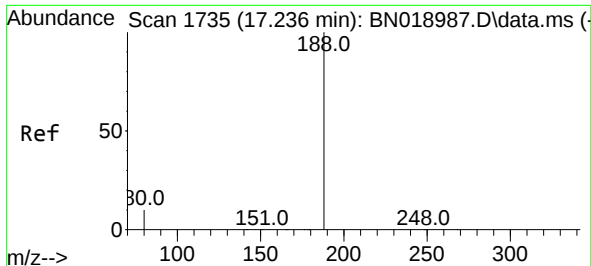
Tgt Ion:330 Resp: 282
Ion Ratio Lower Upper
330 100
332 98.2 76.8 115.2
141 0.0 32.2 48.2#



#15
2-Fluorobiphenyl
Concen: 0.119 ng
RT: 13.127 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BN019130.D
Acq: 24 Mar 2022 17:32

Tgt Ion:172 Resp: 3238
Ion Ratio Lower Upper
172 100
171 36.6 28.2 42.2
170 25.7 18.7 28.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.236 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN019130.D

Acq: 24 Mar 2022 17:32

Instrument :

BNA_N

ClientSampleId :

RE131D1-20220319DL

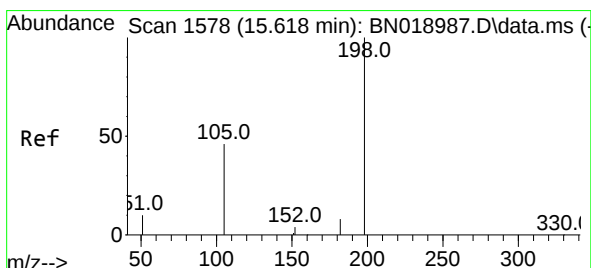
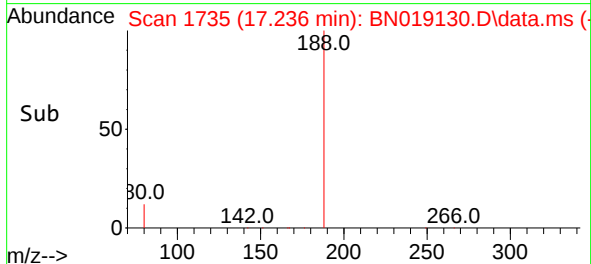
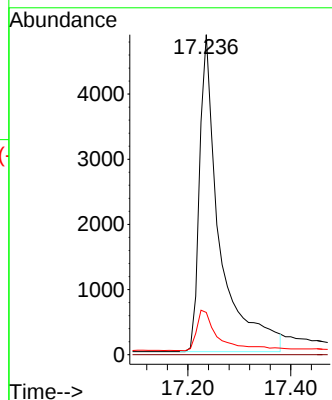
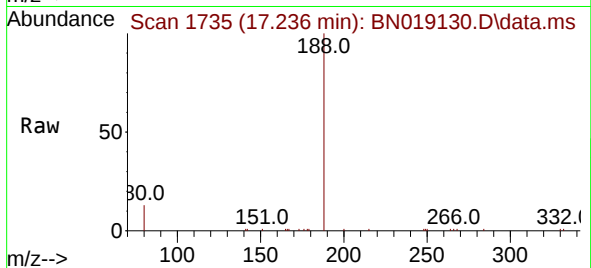
Tgt Ion:188 Resp: 13183

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.2 11.8 17.8



#20

4,6-Dinitro-2-methylphenol

Concen: 0.110 ng

RT: 15.650 min Scan# 1581

Delta R.T. 0.032 min

Lab File: BN019130.D

Acq: 24 Mar 2022 17:32

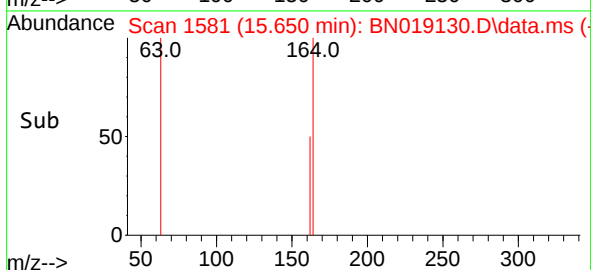
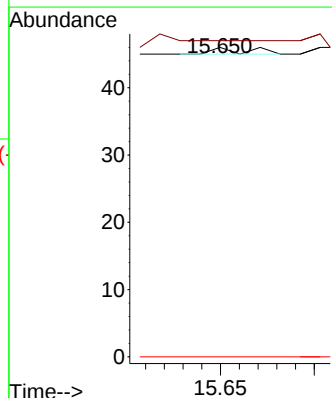
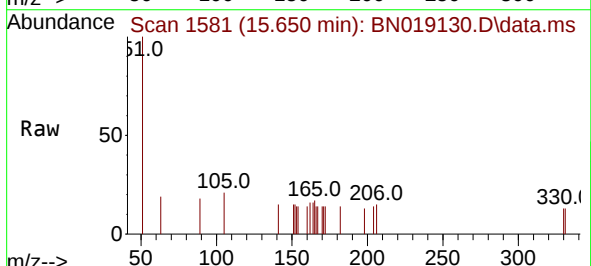
Tgt Ion:198 Resp: 1

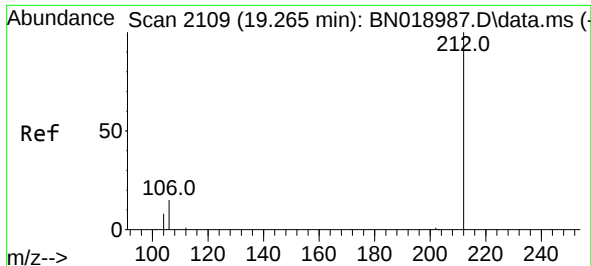
Ion Ratio Lower Upper

198 100

182 102.2 13.0 19.4#

77 0.0 0.0 0.0

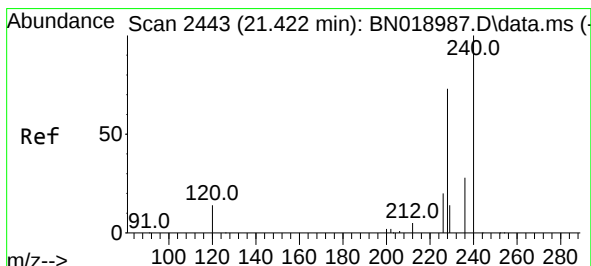
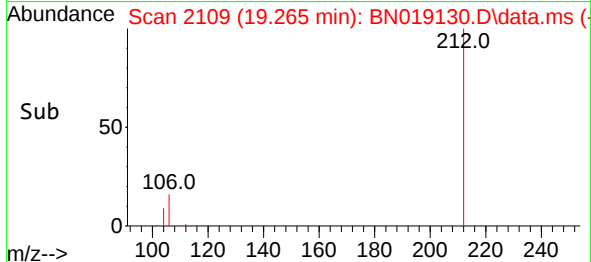
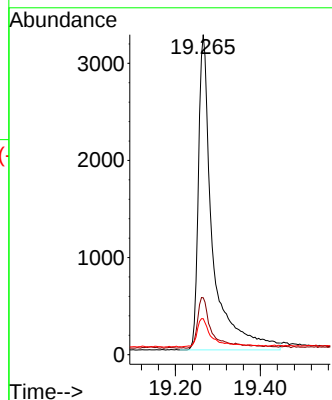
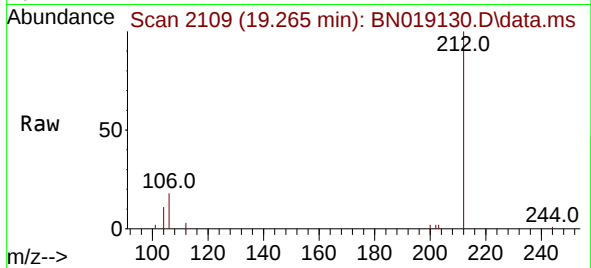




#27
Fluoranthene-d10
Concen: 0.193 ng
RT: 19.265 min Scan# 2109
Delta R.T. -0.000 min
Lab File: BN019130.D
Acq: 24 Mar 2022 17:32

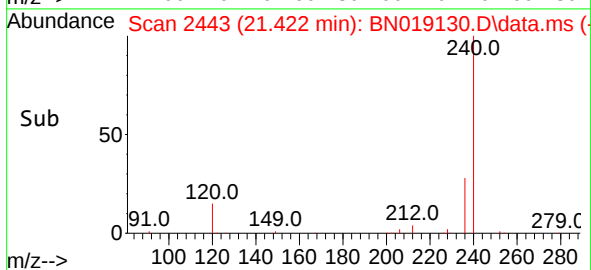
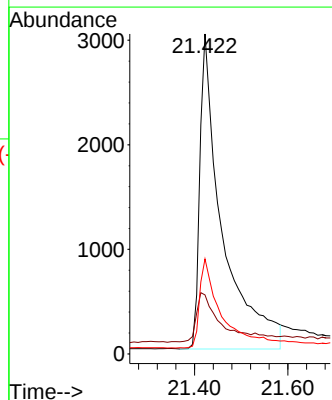
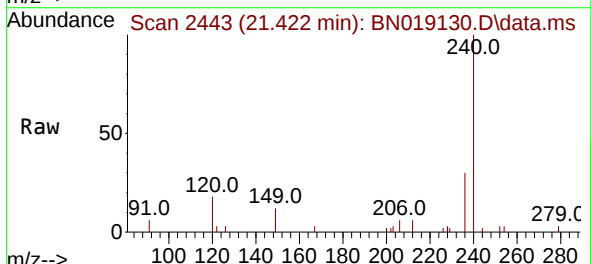
Instrument :
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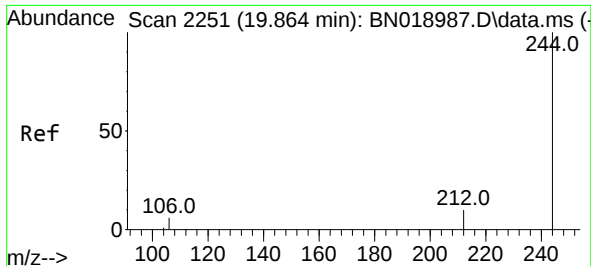
Tgt Ion:212 Resp: 7552
Ion Ratio Lower Upper
212 100
106 14.8 12.7 19.1
104 9.2 7.1 10.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.422 min Scan# 2443
Delta R.T. -0.000 min
Lab File: BN019130.D
Acq: 24 Mar 2022 17:32

Tgt Ion:240 Resp: 10027
Ion Ratio Lower Upper
240 100
120 18.5 8.5 12.7#
236 29.7 22.4 33.6

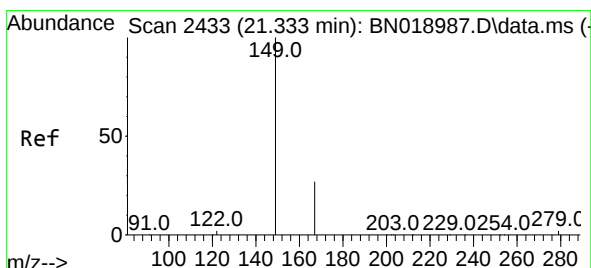
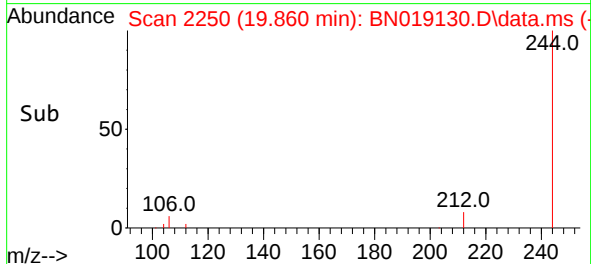
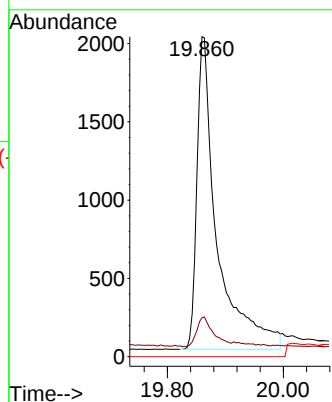
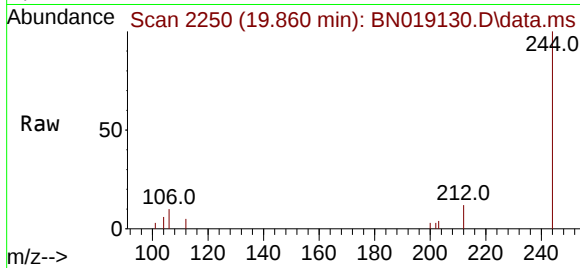




#31
 Terphenyl-d14
 Concen: 0.197 ng
 RT: 19.860 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BN019130.D
 Acq: 24 Mar 2022 17:32

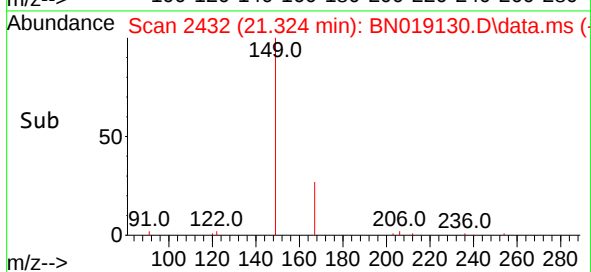
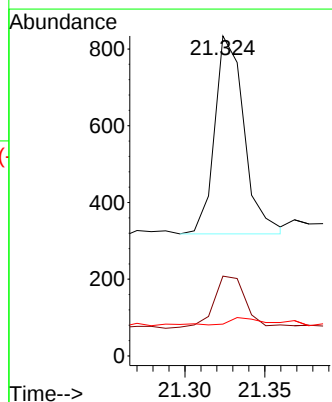
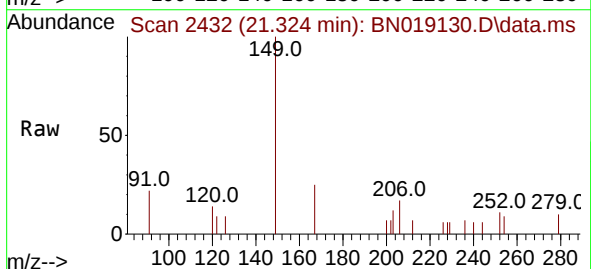
Instrument :
 BNA_N
 ClientSampleId :
 RE131D1-20220319DL

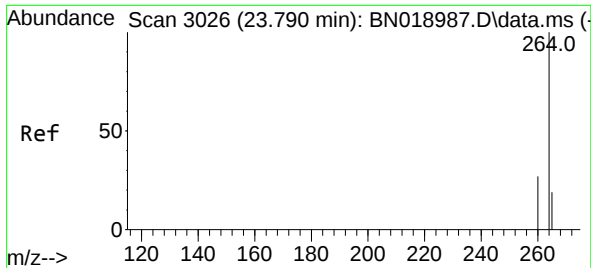
Tgt Ion:244 Resp: 4841
 Ion Ratio Lower Upper
 244 100
 212 12.2 8.2 12.4
 122 0.0 0.0 0.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.032 ng
 RT: 21.324 min Scan# 2432
 Delta R.T. -0.009 min
 Lab File: BN019130.D
 Acq: 24 Mar 2022 17:32

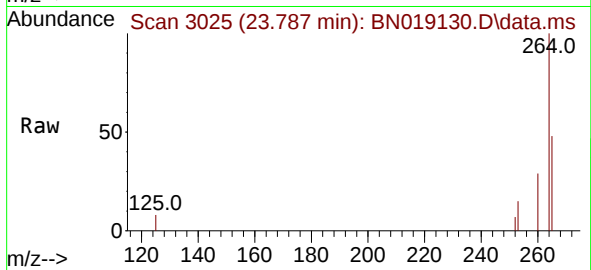
Tgt Ion:149 Resp: 661
 Ion Ratio Lower Upper
 149 100
 167 31.0 21.8 32.8
 279 7.0 2.0 3.0#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.787 min Scan# 30
 Delta R.T. -0.003 min
 Lab File: BN019130.D
 Acq: 24 Mar 2022 17:32

Instrument :
 BNA_N
 ClientSampleId :
 RE131D1-20220319DL



Tgt Ion:264 Resp: 7808
 Ion Ratio Lower Upper
 264 100
 260 29.3 22.4 33.6
 265 48.5 25.3 37.9#

