

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030624\
 Data File : BN030309.D
 Acq On : 07 Mar 2024 02:48
 Operator : MA/JU
 Sample : P1590-12
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT163S1-20240223

Quant Time: Mar 07 03:39:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN030524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 05 17:44:16 2024
 Response via : Initial Calibration

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

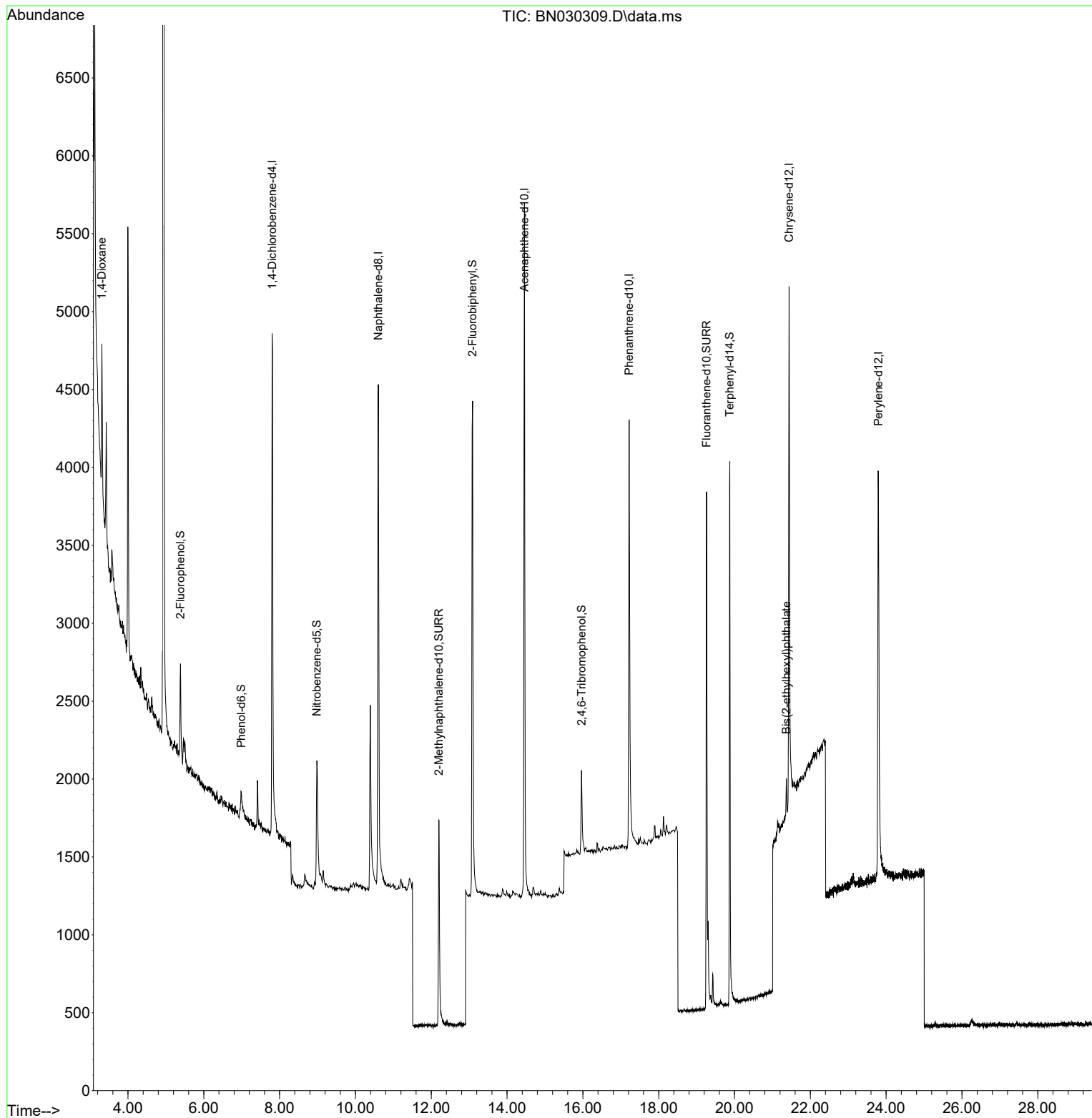
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	1997	0.400	ng	0.00
7) Naphthalene-d8	10.605	136	5277	0.400	ng	# 0.00
13) Acenaphthene-d10	14.457	164	2703	0.400	ng	0.00
19) Phenanthrene-d10	17.218	188	5153	0.400	ng	0.00
29) Chrysene-d12	21.438	240	4155	0.400	ng	0.00
35) Perylene-d12	23.791	264	4497	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	563	0.107	ng	0.00
5) Phenol-d6	6.988	99	262	0.048	ng	0.00
8) Nitrobenzene-d5	8.982	82	1236	0.257	ng	0.01
11) 2-Methylnaphthalene-d10	12.200	152	2381	0.311	ng	0.00
14) 2,4,6-Tribromophenol	15.964	330	414	0.298	ng	0.00
15) 2-Fluorobiphenyl	13.089	172	3622	0.323	ng	0.00
27) Fluoranthene-d10	19.261	212	4808	0.340	ng	0.00
31) Terphenyl-d14	19.875	244	4005	0.372	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.311	88	677	0.261	ng	# 73
34) Bis(2-ethylhexyl)phtha...	21.366	149	309	0.027	ng	# 92

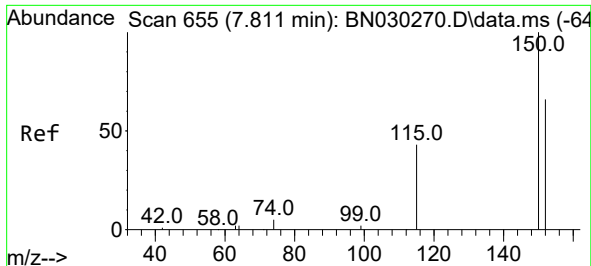
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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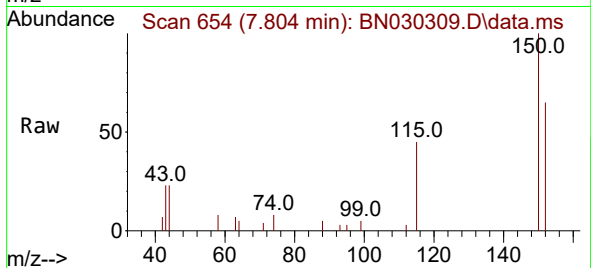
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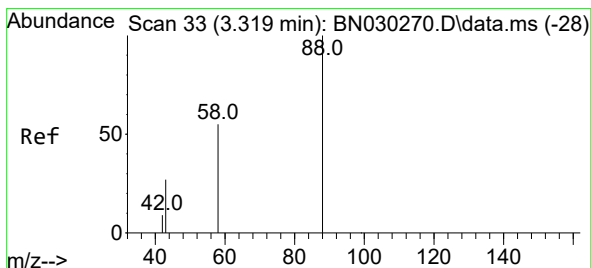
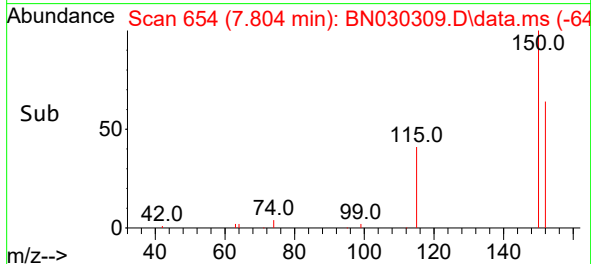
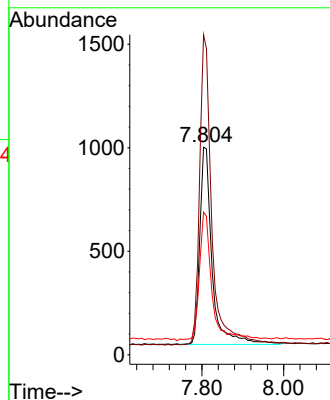


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.804 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN030309.D
 Acq: 07 Mar 2024 02:48

Instrument :
 BNA_N
 ClientSampleId :
 TT163S1-20240223

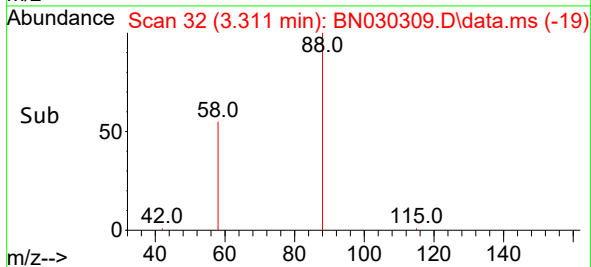
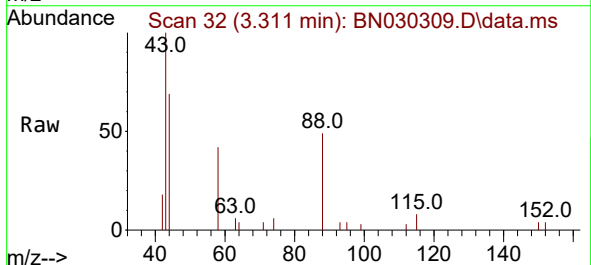
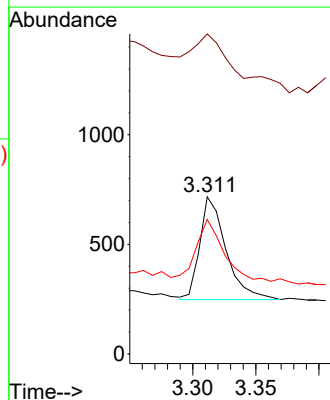


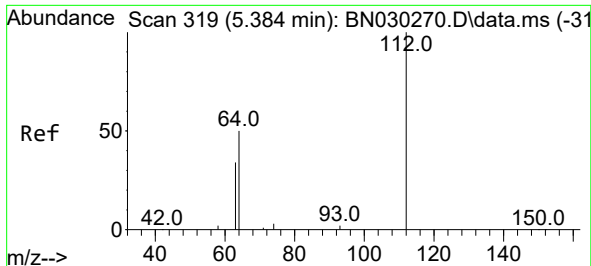
Tgt Ion:152 Resp: 1997
 Ion Ratio Lower Upper
 152 100
 150 154.1 119.4 179.0
 115 68.7 56.9 85.3



#2
 1,4-Dioxane
 Concen: 0.261 ng
 RT: 3.311 min Scan# 32
 Delta R.T. -0.007 min
 Lab File: BN030309.D
 Acq: 07 Mar 2024 02:48

Tgt Ion: 88 Resp: 677
 Ion Ratio Lower Upper
 88 100
 43 64.4 23.8 35.8#
 58 63.4 46.2 69.4

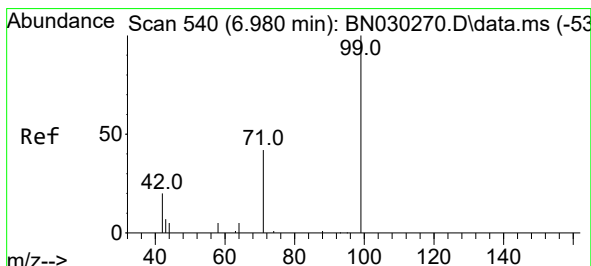
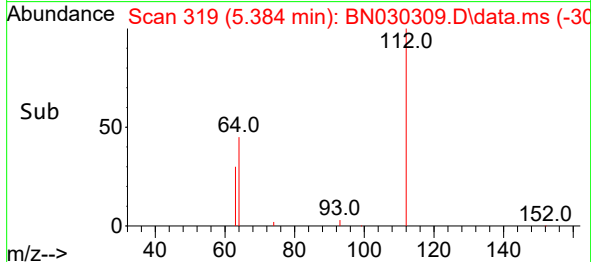
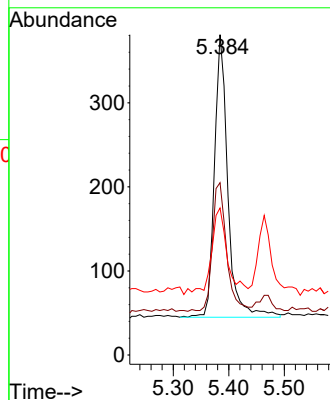
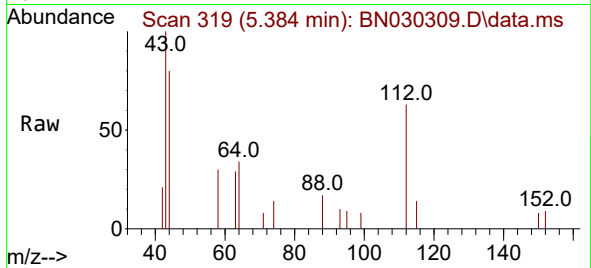




#4
2-Fluorophenol
Concen: 0.107 ng
RT: 5.384 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN030309.D
Acq: 07 Mar 2024 02:48

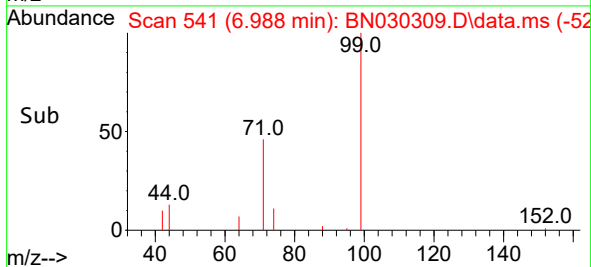
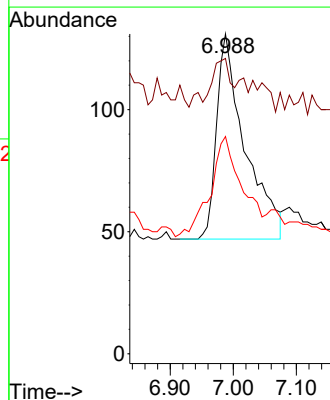
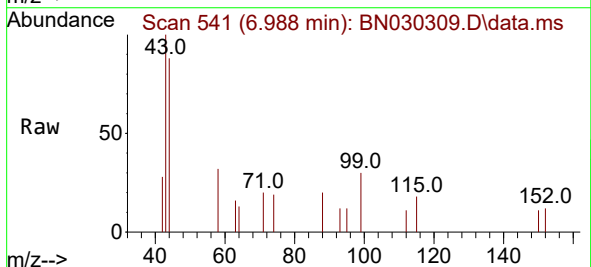
Instrument :
BNA_N
ClientSampleId :
TT163S1-20240223

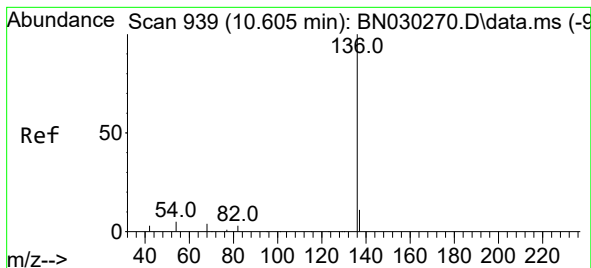
Tgt Ion:112 Resp: 563
Ion Ratio Lower Upper
112 100
64 48.0 41.8 62.8
63 36.9 27.1 40.7



#5
Phenol-d6
Concen: 0.048 ng
RT: 6.988 min Scan# 541
Delta R.T. 0.007 min
Lab File: BN030309.D
Acq: 07 Mar 2024 02:48

Tgt Ion: 99 Resp: 262
Ion Ratio Lower Upper
99 100
42 12.6 19.0 28.6#
71 56.1 36.0 54.0#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.605 min Scan# 91

Delta R.T. -0.000 min

Lab File: BN030309.D

Acq: 07 Mar 2024 02:48

Instrument :

BNA_N

ClientSampleId :

TT163S1-20240223

Tgt Ion:136 Resp: 5277

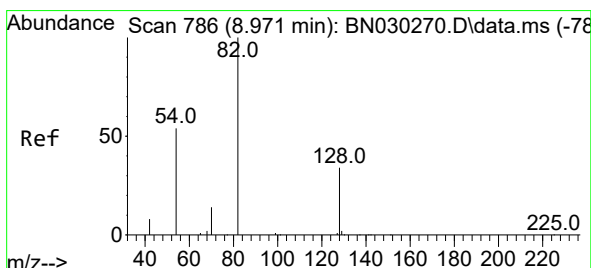
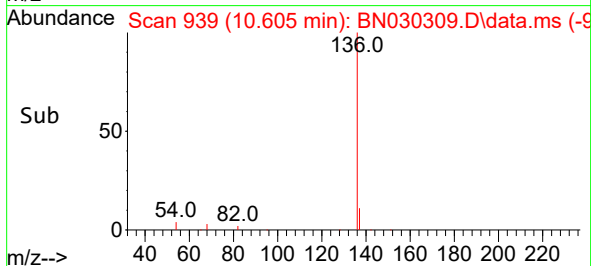
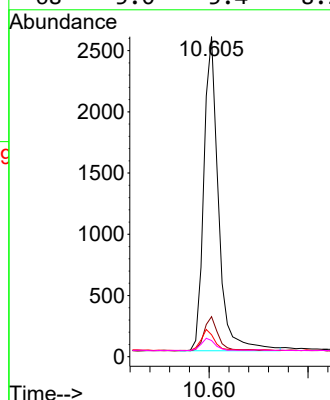
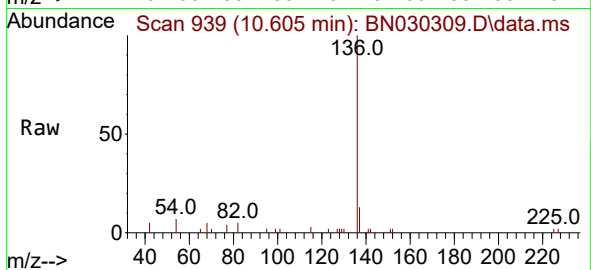
Ion Ratio Lower Upper

136 100

137 12.5 10.5 15.7

54 6.8 6.4 9.6

68 5.0 5.4 8.2#



#8

Nitrobenzene-d5

Concen: 0.257 ng

RT: 8.982 min Scan# 787

Delta R.T. 0.011 min

Lab File: BN030309.D

Acq: 07 Mar 2024 02:48

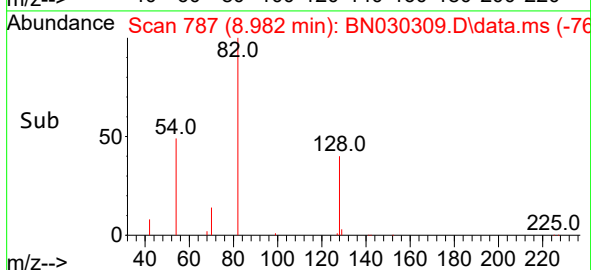
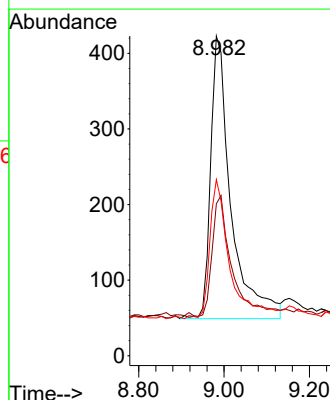
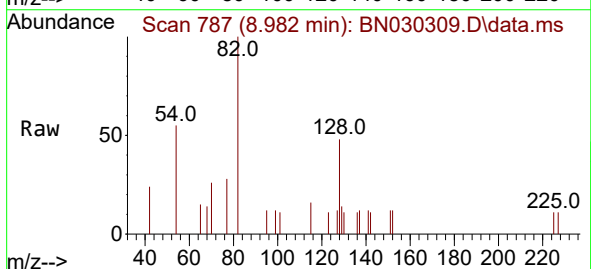
Tgt Ion: 82 Resp: 1236

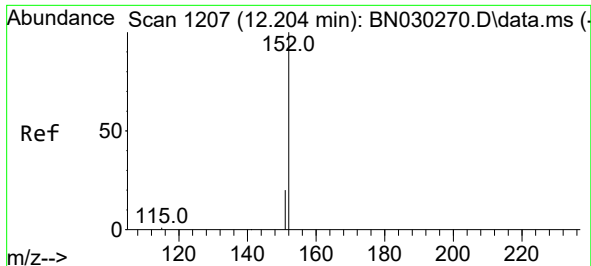
Ion Ratio Lower Upper

82 100

128 47.5 32.2 48.2

54 55.1 47.3 70.9

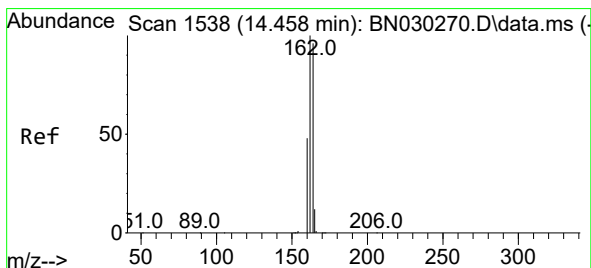
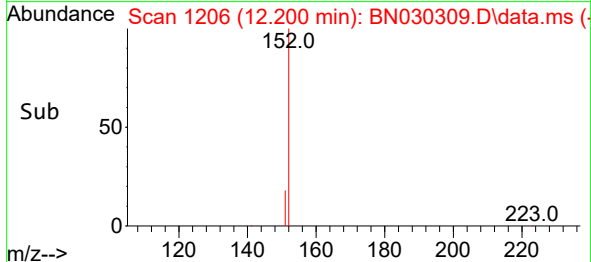
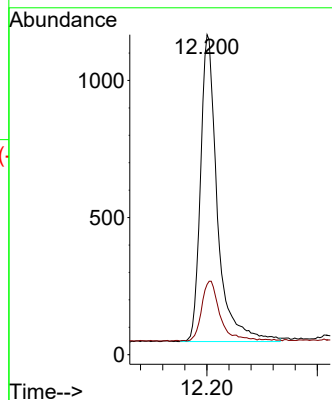
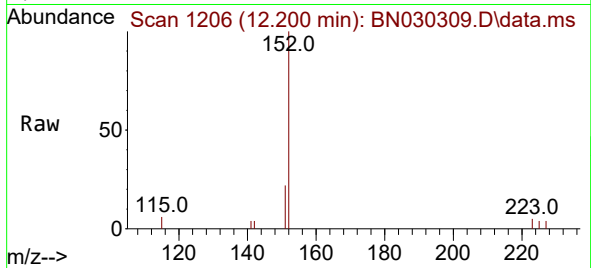




#11
2-Methylnaphthalene-d10
Concen: 0.311 ng
RT: 12.200 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN030309.D
Acq: 07 Mar 2024 02:48

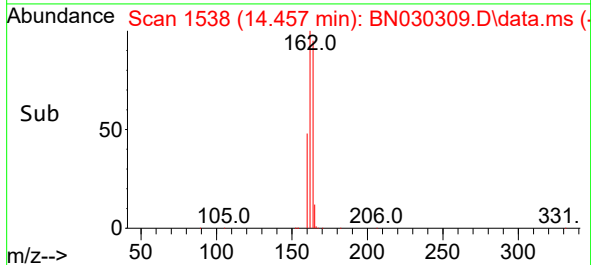
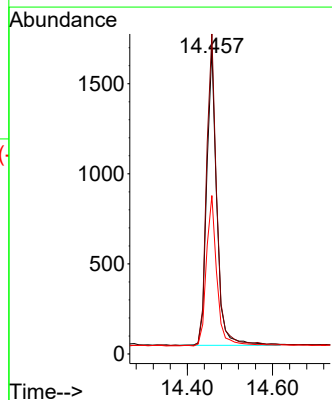
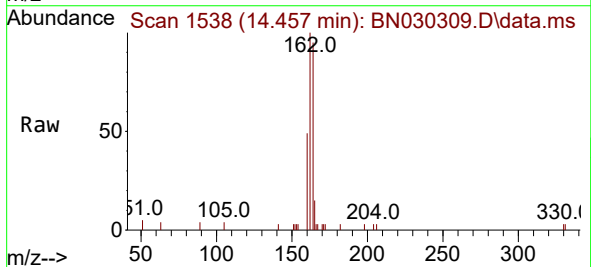
Instrument :
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TT163S1-20240223

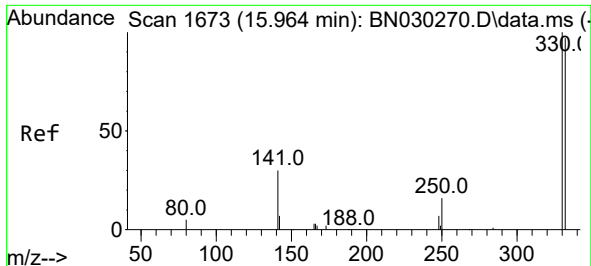
Tgt Ion:152 Resp: 2381
Ion Ratio Lower Upper
152 100
151 21.0 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.457 min Scan# 1538
Delta R.T. -0.000 min
Lab File: BN030309.D
Acq: 07 Mar 2024 02:48

Tgt Ion:164 Resp: 2703
Ion Ratio Lower Upper
164 100
162 104.8 83.4 125.2
160 51.9 41.7 62.5

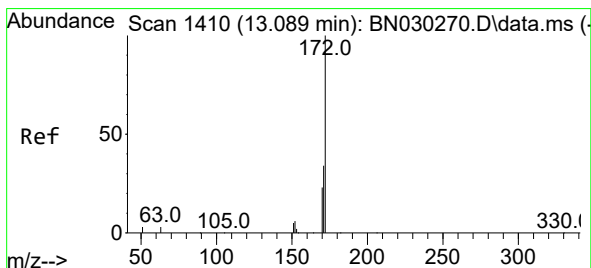
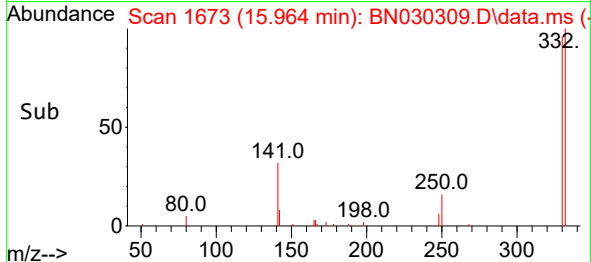
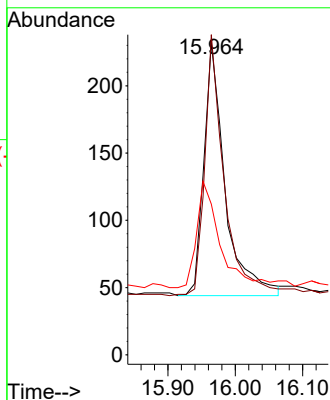
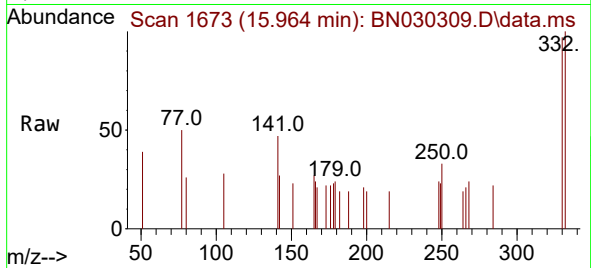




#14
2,4,6-Tribromophenol
Concen: 0.298 ng
RT: 15.964 min Scan# 1673
Delta R.T. -0.000 min
Lab File: BN030309.D
Acq: 07 Mar 2024 02:48

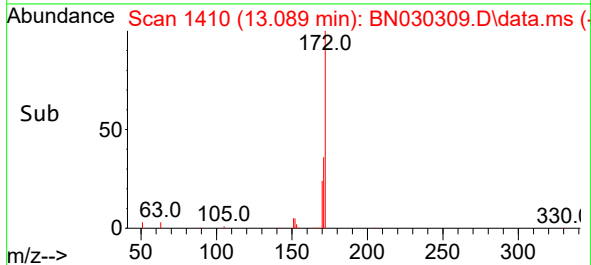
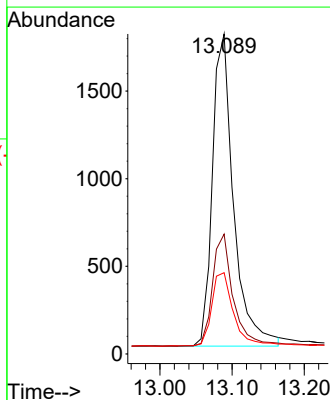
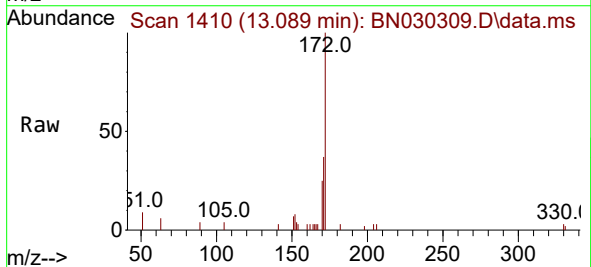
Instrument :
BNA_N
ClientSampleId :
TT163S1-20240223

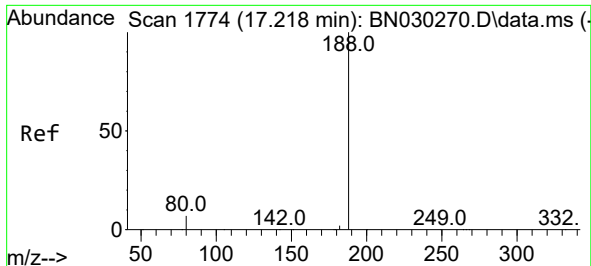
Tgt Ion:	330	Resp:	414
Ion	Ratio	Lower	Upper
330	100		
332	94.2	72.6	108.8
141	46.1	41.3	61.9



#15
2-Fluorobiphenyl
Concen: 0.323 ng
RT: 13.089 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BN030309.D
Acq: 07 Mar 2024 02:48

Tgt Ion:	172	Resp:	3622
Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.0	43.4
170	25.4	20.2	30.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.218 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN030309.D

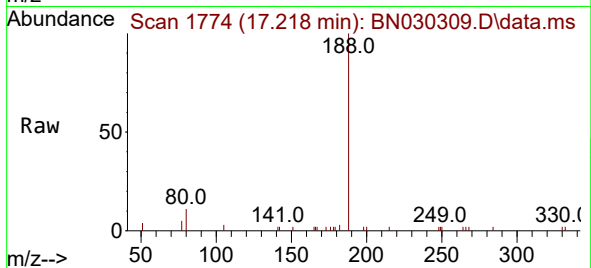
Acq: 07 Mar 2024 02:48

Instrument :

BNA_N

ClientSampleId :

TT163S1-20240223



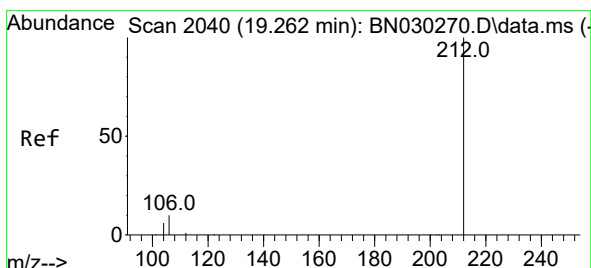
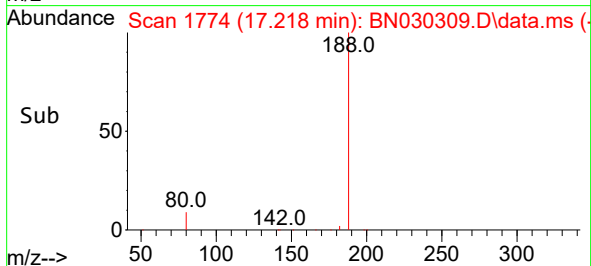
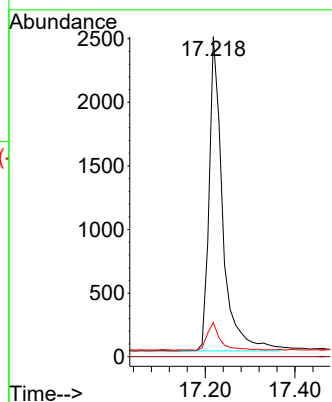
Tgt Ion:188 Resp: 5153

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.7 7.8 11.6



#27

Fluoranthene-d10

Concen: 0.340 ng

RT: 19.261 min Scan# 2040

Delta R.T. -0.000 min

Lab File: BN030309.D

Acq: 07 Mar 2024 02:48

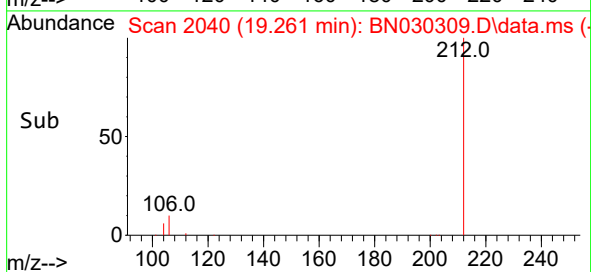
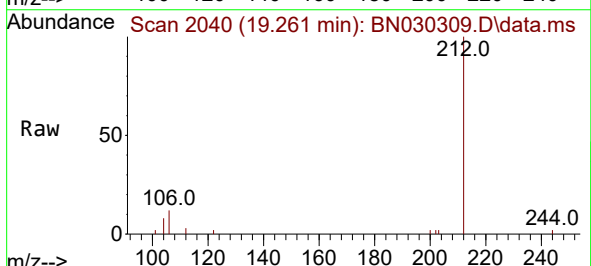
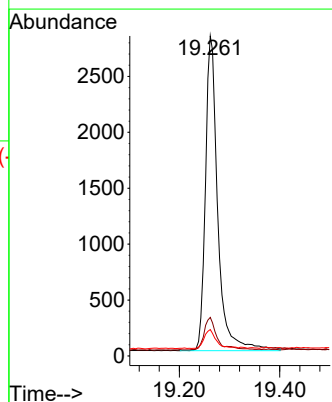
Tgt Ion:212 Resp: 4808

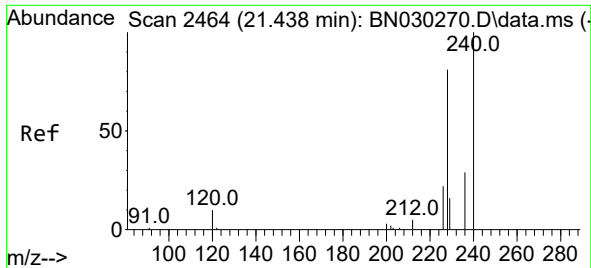
Ion Ratio Lower Upper

212 100

106 10.8 8.2 12.4

104 5.8 4.7 7.1

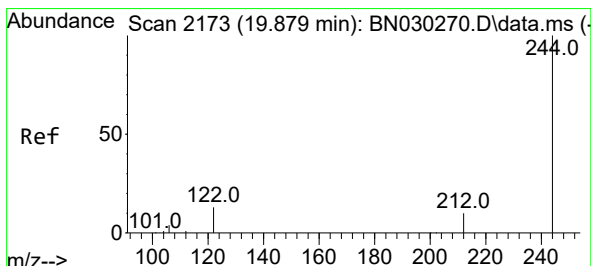
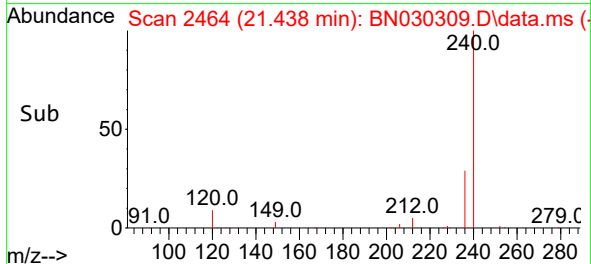
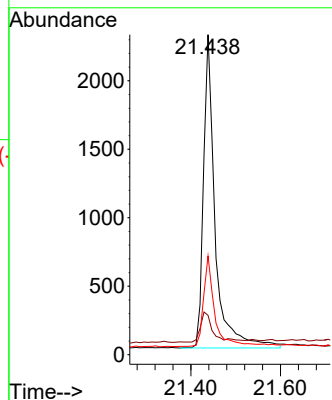
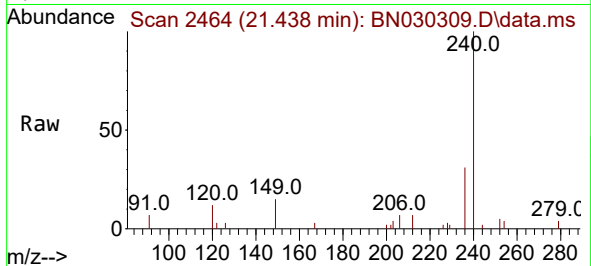




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.438 min Scan# 2464
Delta R.T. -0.000 min
Lab File: BN030309.D
Acq: 07 Mar 2024 02:48

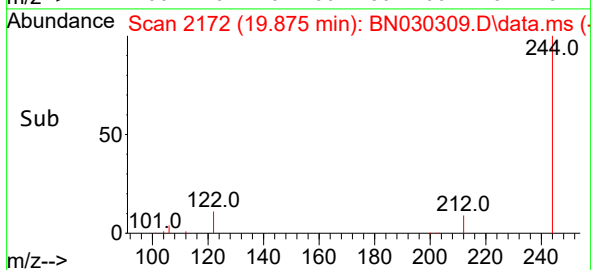
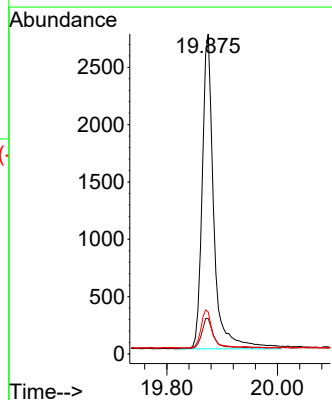
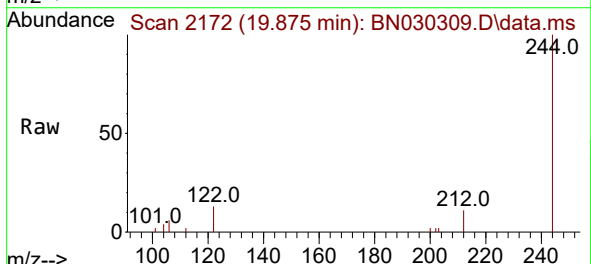
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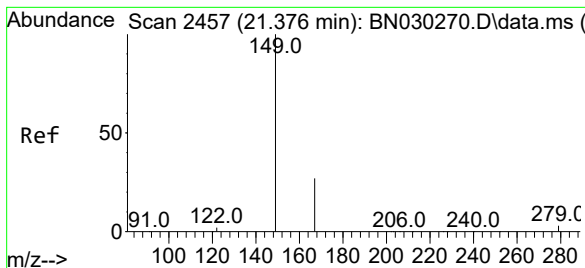
Tgt Ion:240 Resp: 4155
Ion Ratio Lower Upper
240 100
120 12.3 12.2 18.2
236 30.9 25.2 37.8



#31
Terphenyl-d14
Concen: 0.372 ng
RT: 19.875 min Scan# 2172
Delta R.T. -0.005 min
Lab File: BN030309.D
Acq: 07 Mar 2024 02:48

Tgt Ion:244 Resp: 4005
Ion Ratio Lower Upper
244 100
212 11.1 9.5 14.3
122 13.1 11.8 17.6

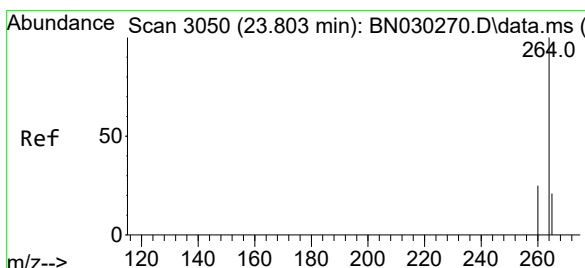
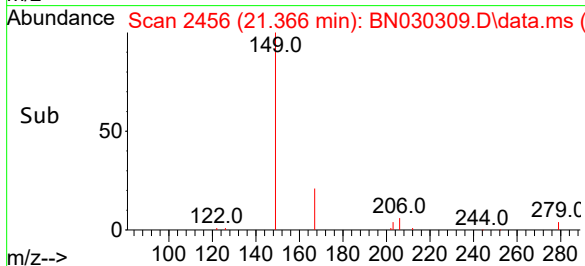
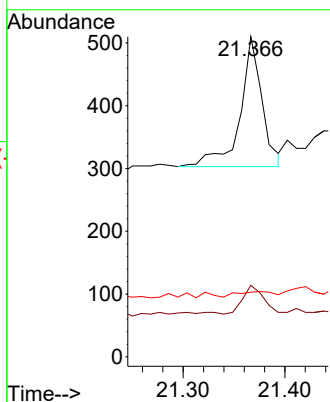
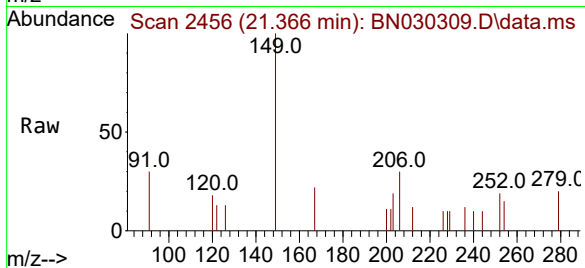




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.027 ng
 RT: 21.366 min Scan# 2456
 Delta R.T. -0.009 min
 Lab File: BN030309.D
 Acq: 07 Mar 2024 02:48

Instrument :
 BNA_N
 ClientSampleId :
 TT163S1-20240223

Tgt Ion:149 Resp: 309
 Ion Ratio Lower Upper
 149 100
 167 21.7 20.6 30.8
 279 7.4 4.0 6.0#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.791 min Scan# 3046
 Delta R.T. -0.012 min
 Lab File: BN030309.D
 Acq: 07 Mar 2024 02:48

Tgt Ion:264 Resp: 4497
 Ion Ratio Lower Upper
 264 100
 260 28.2 21.7 32.5
 265 57.3 50.8 76.2

