

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030724\
 Data File : BN030332.D
 Acq On : 07 Mar 2024 18:32
 Operator : MA/JU
 Sample : P1615-13
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP08-20240227

Quant Time: Mar 07 23:06:43 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)

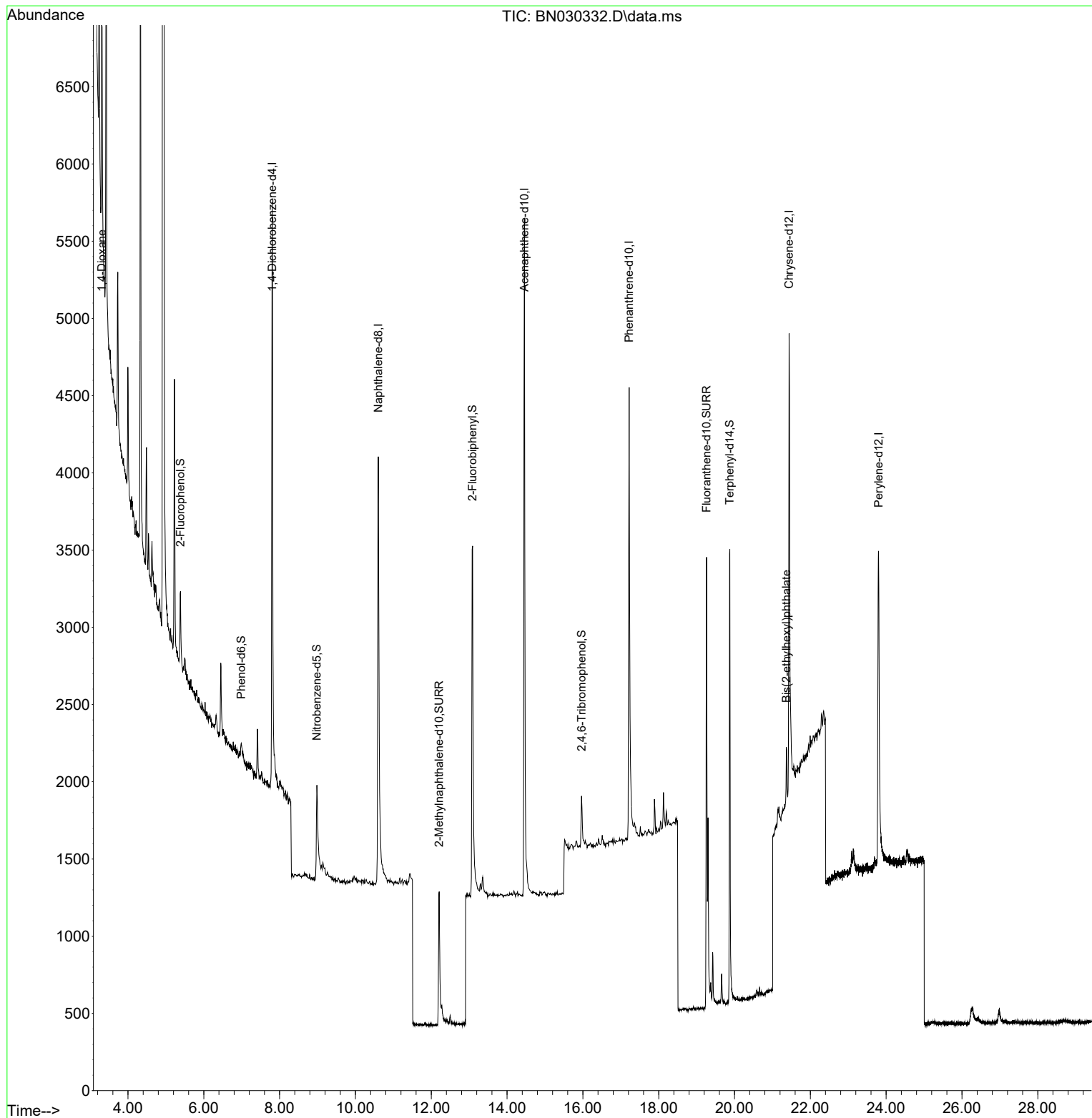
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	2236	0.400	ng	0.00
7) Naphthalene-d8	10.605	136	5710	0.400	ng	0.00
13) Acenaphthene-d10	14.458	164	3029	0.400	ng	0.00
19) Phenanthrene-d10	17.218	188	5649	0.400	ng	0.00
29) Chrysene-d12	21.438	240	3971	0.400	ng	0.00
35) Perylene-d12	23.797	264	3885	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	427	0.073	ng	0.00
5) Phenol-d6	6.988	99	190	0.031	ng	0.00
8) Nitrobenzene-d5	8.982	82	1016	0.195	ng	0.01
11) 2-Methylnaphthalene-d10	12.208	152	1840	0.222	ng	0.00
14) 2,4,6-Tribromophenol	15.965	330	290	0.186	ng	0.00
15) 2-Fluorobiphenyl	13.089	172	2968	0.236	ng	0.00
27) Fluoranthene-d10	19.262	212	4243	0.274	ng	0.00
31) Terphenyl-d14	19.875	244	3645	0.354	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.312	88	1418	0.489	ng	# 68
34) Bis(2-ethylhexyl)phtha...	21.367	149	484	0.044	ng	97

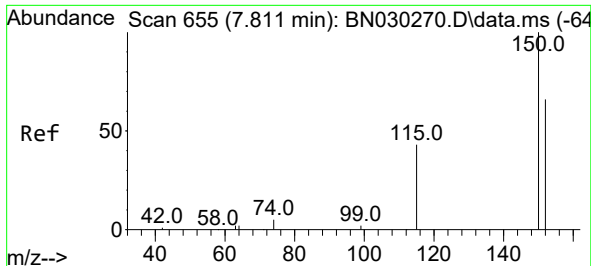
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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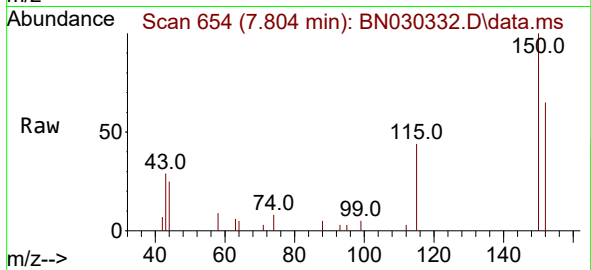
Quant Time: Mar 07 23:06:43 2024
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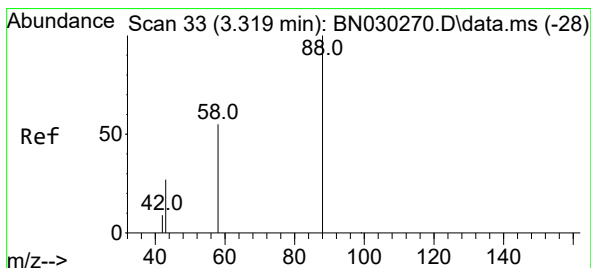
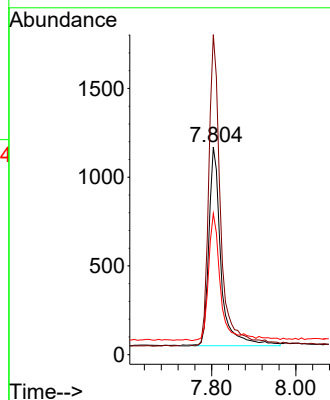
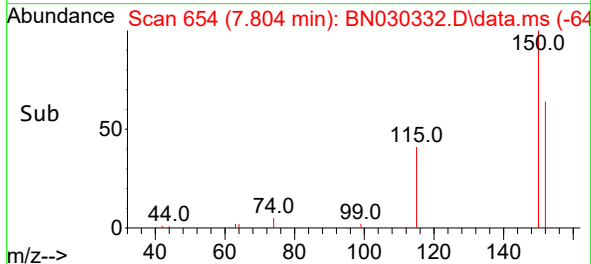


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.804 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN030332.D
 Acq: 07 Mar 2024 18:32

Instrument :
 BNA_N
 ClientSampleId :
 DUP08-20240227

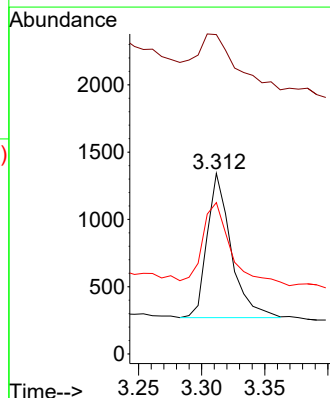
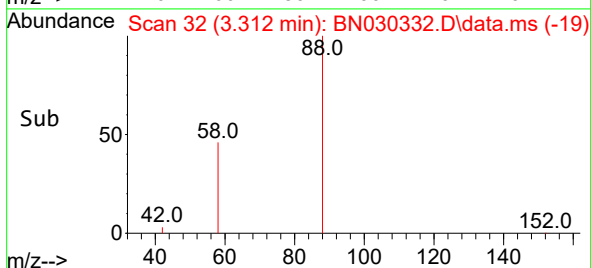
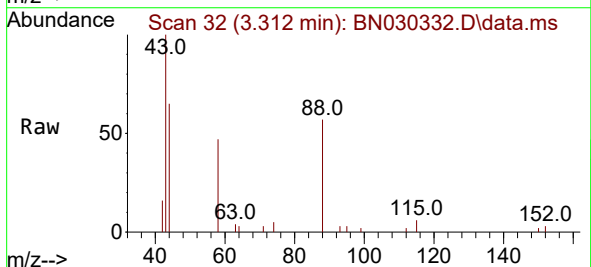


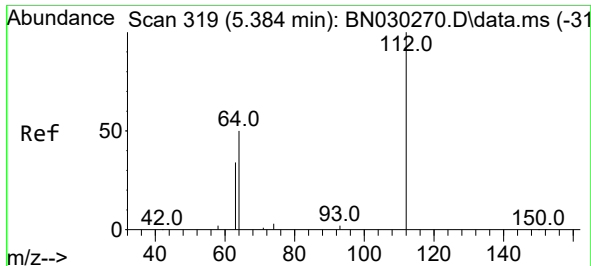
Tgt Ion:152 Resp: 2236
 Ion Ratio Lower Upper
 152 100
 150 154.1 119.4 179.0
 115 67.9 56.9 85.3



#2
 1,4-Dioxane
 Concen: 0.489 ng
 RT: 3.312 min Scan# 32
 Delta R.T. -0.007 min
 Lab File: BN030332.D
 Acq: 07 Mar 2024 18:32

Tgt Ion: 88 Resp: 1418
 Ion Ratio Lower Upper
 88 100
 43 64.5 23.8 35.8#
 58 68.9 46.2 69.4

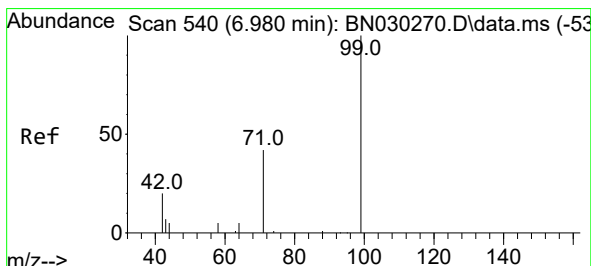
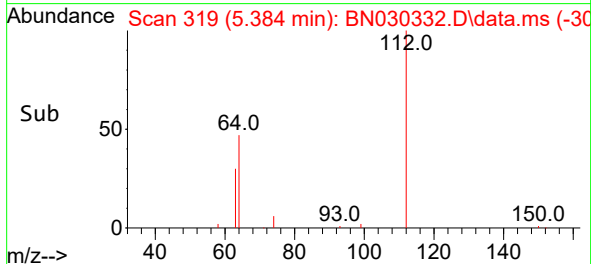
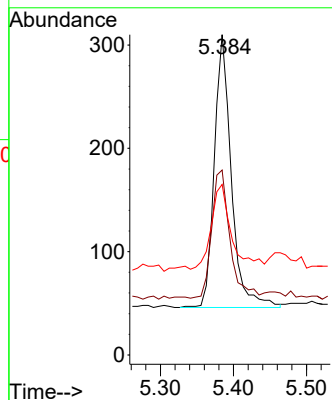
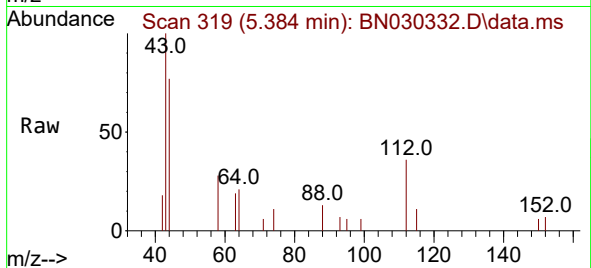




#4
2-Fluorophenol
Concen: 0.073 ng
RT: 5.384 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN030332.D
Acq: 07 Mar 2024 18:32

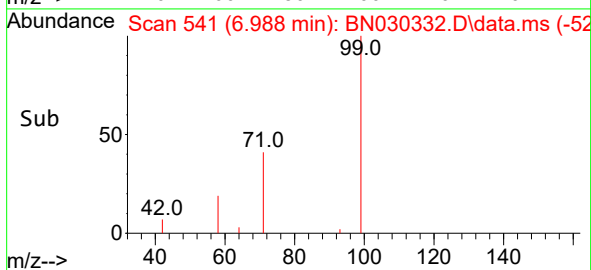
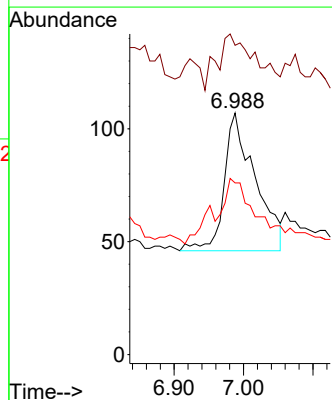
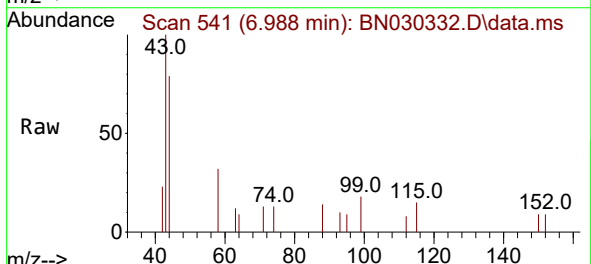
Instrument :
BNA_N
ClientSampleId :
DUP08-20240227

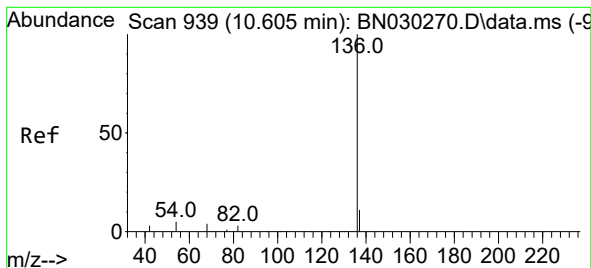
Tgt Ion:	112	Resp:	427
Ion	Ratio	Lower	Upper
112	100		
64	50.1	41.8	62.8
63	37.5	27.1	40.7



#5
Phenol-d6
Concen: 0.031 ng
RT: 6.988 min Scan# 541
Delta R.T. 0.007 min
Lab File: BN030332.D
Acq: 07 Mar 2024 18:32

Tgt Ion:	99	Resp:	190
Ion	Ratio	Lower	Upper
99	100		
42	50.5	19.0	28.6
71	43.7	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: BN030332.D

Acq: 07 Mar 2024 18:32

Instrument :

BNA_N

ClientSampleId :

DUP08-20240227

Tgt Ion:136 Resp: 5710

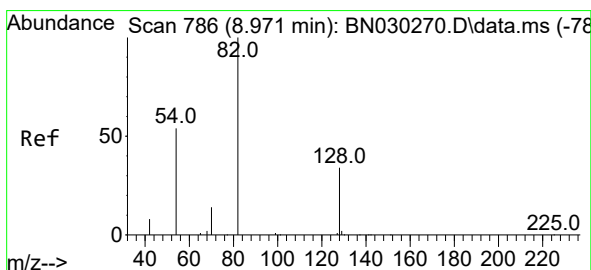
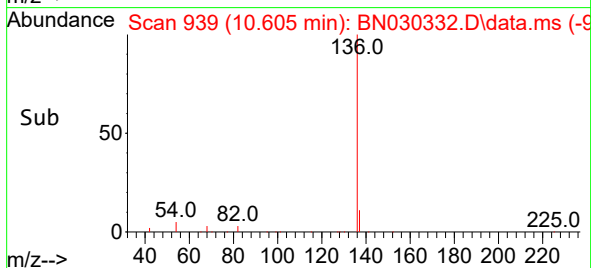
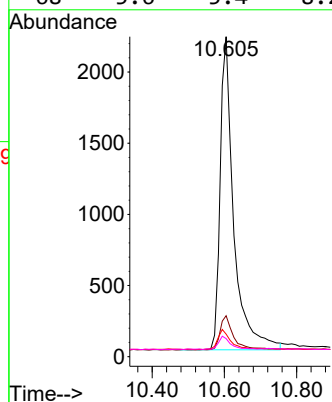
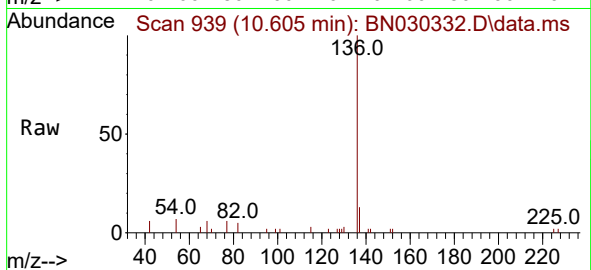
Ion Ratio Lower Upper

136 100

137 12.8 10.5 15.7

54 7.1 6.4 9.6

68 5.6 5.4 8.2



#8

Nitrobenzene-d5

Concen: 0.195 ng

RT: 8.982 min Scan# 787

Delta R.T. 0.011 min

Lab File: BN030332.D

Acq: 07 Mar 2024 18:32

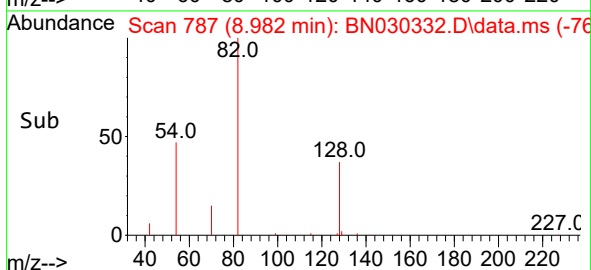
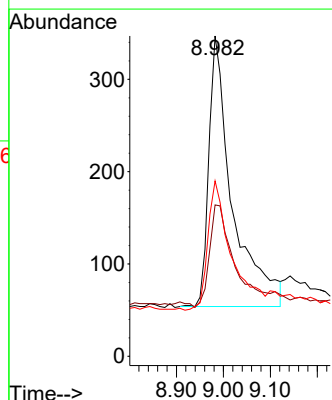
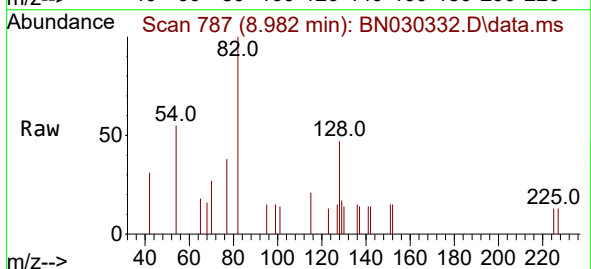
Tgt Ion: 82 Resp: 1016

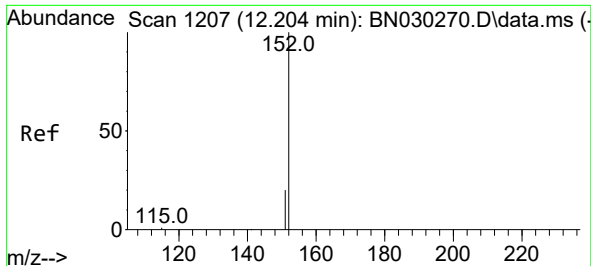
Ion Ratio Lower Upper

82 100

128 47.3 32.2 48.2

54 54.8 47.3 70.9





#11

2-Methylnaphthalene-d10

Concen: 0.222 ng

RT: 12.208 min Scan# 11

Delta R.T. 0.004 min

Lab File: BN030332.D

Acq: 07 Mar 2024 18:32

Instrument :

BNA_N

ClientSampleId :

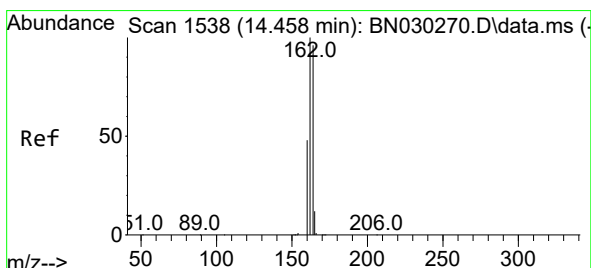
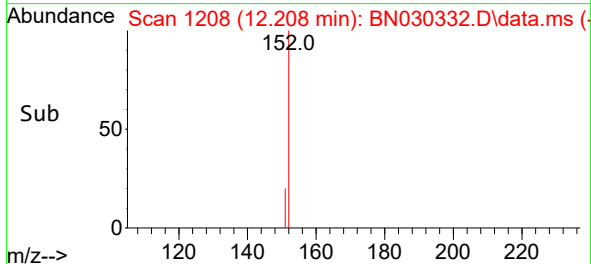
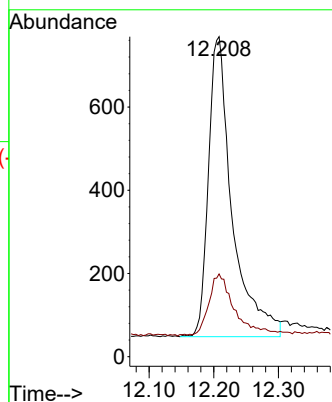
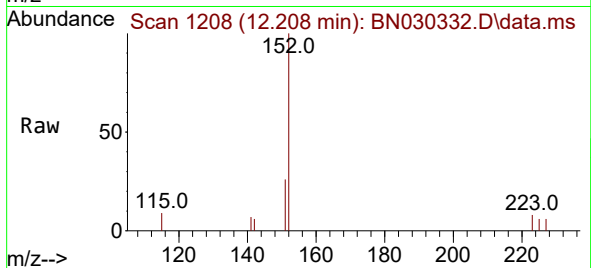
DUP08-20240227

Tgt Ion:152 Resp: 1840

Ion Ratio Lower Upper

152 100

151 22.0 16.7 25.1



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.458 min Scan# 1538

Delta R.T. 0.000 min

Lab File: BN030332.D

Acq: 07 Mar 2024 18:32

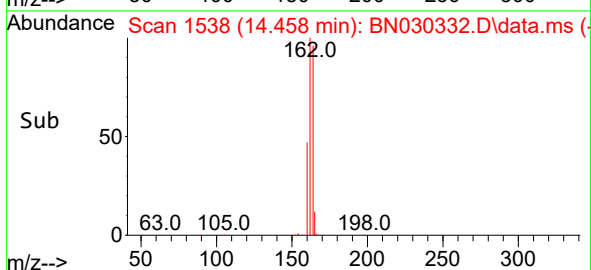
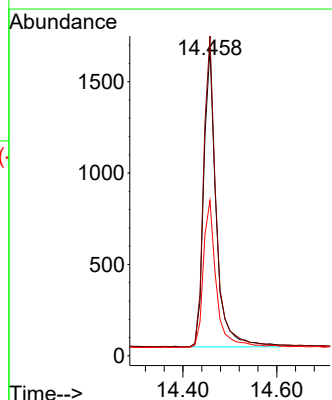
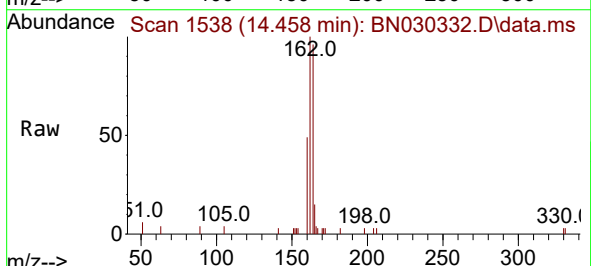
Tgt Ion:164 Resp: 3029

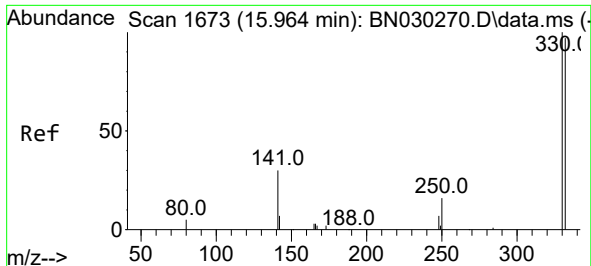
Ion Ratio Lower Upper

164 100

162 103.9 83.4 125.2

160 50.5 41.7 62.5

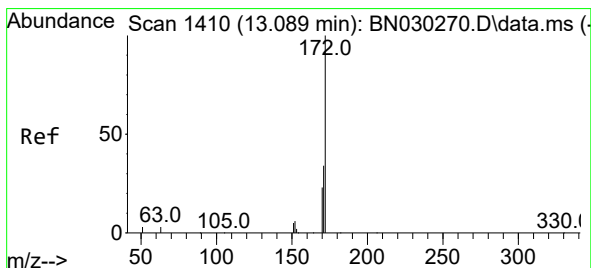
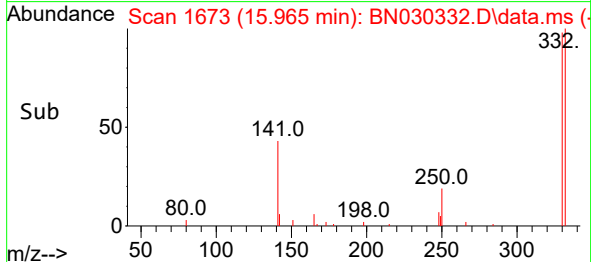
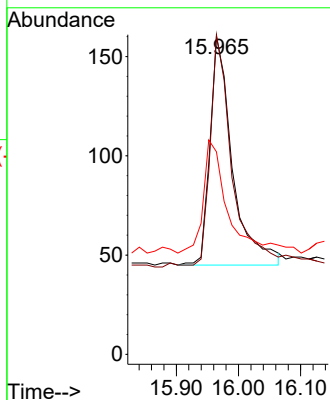
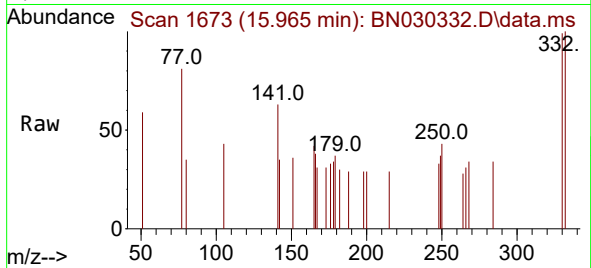




#14
2,4,6-Tribromophenol
Concen: 0.186 ng
RT: 15.965 min Scan# 1673
Delta R.T. 0.000 min
Lab File: BN030332.D
Acq: 07 Mar 2024 18:32

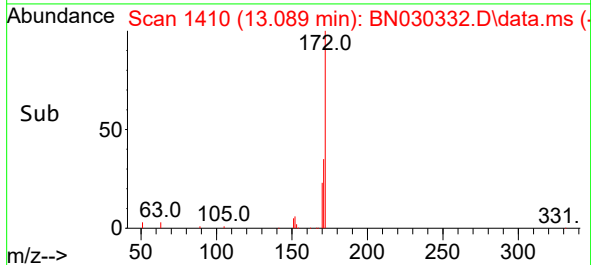
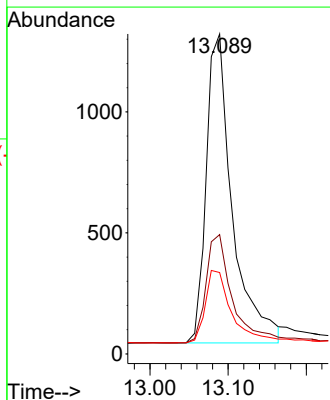
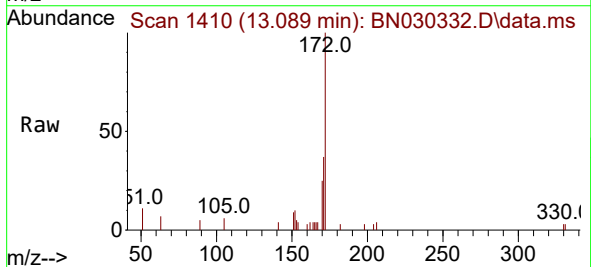
Instrument :
BNA_N
ClientSampleId :
DUP08-20240227

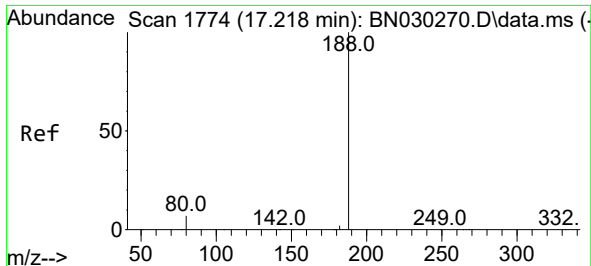
Tgt Ion:	330	Resp:	290
Ion	Ratio	Lower	Upper
330	100		
332	95.5	72.6	108.8
141	52.8	41.3	61.9



#15
2-Fluorobiphenyl
Concen: 0.236 ng
RT: 13.089 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BN030332.D
Acq: 07 Mar 2024 18:32

Tgt Ion:	172	Resp:	2968
Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.0	43.4
170	25.4	20.2	30.2

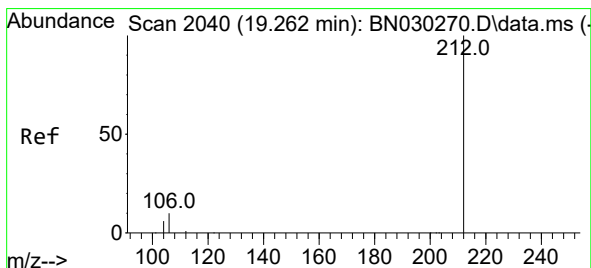
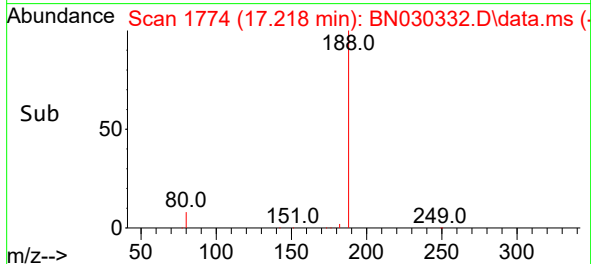
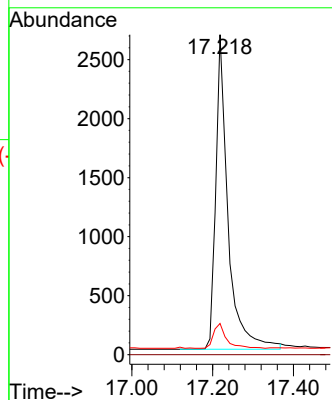
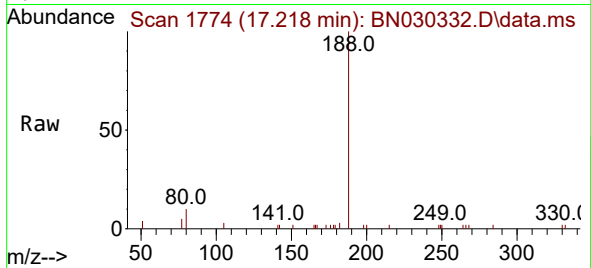




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.218 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN030332.D
Acq: 07 Mar 2024 18:32

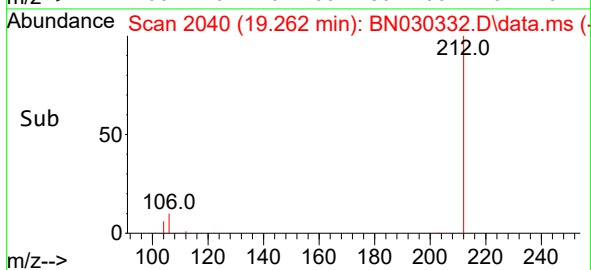
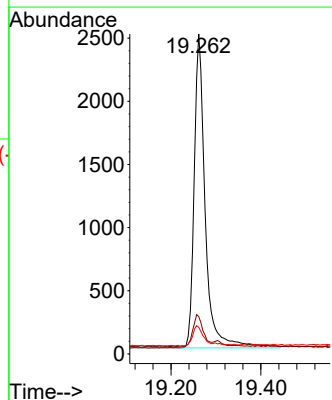
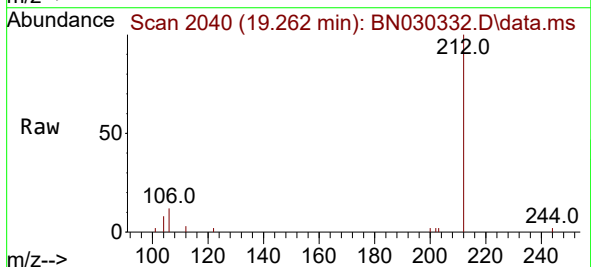
Instrument :
BNA_N
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DUP08-20240227

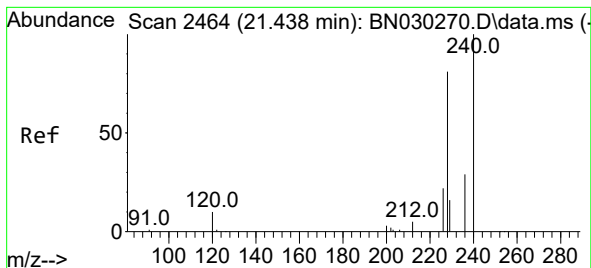
Tgt Ion:188 Resp: 5649
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.7 7.8 11.6



#27
Fluoranthene-d10
Concen: 0.274 ng
RT: 19.262 min Scan# 2040
Delta R.T. 0.000 min
Lab File: BN030332.D
Acq: 07 Mar 2024 18:32

Tgt Ion:212 Resp: 4243
Ion Ratio Lower Upper
212 100
106 9.5 8.2 12.4
104 6.2 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: BN030332.D

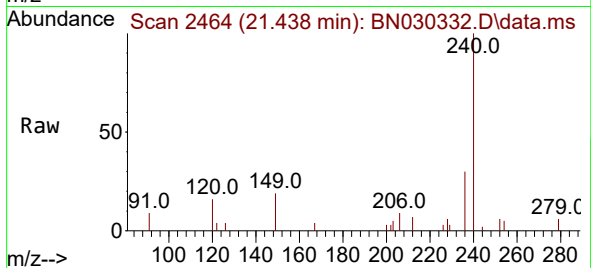
Acq: 07 Mar 2024 18:32

Instrument :

BNA_N

ClientSampleId :

DUP08-20240227



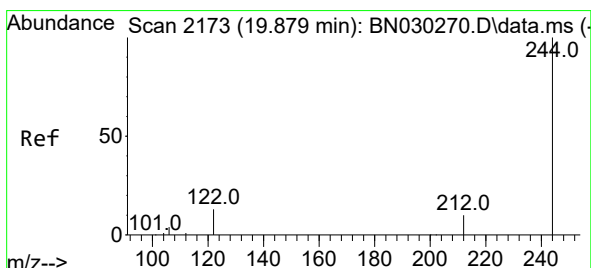
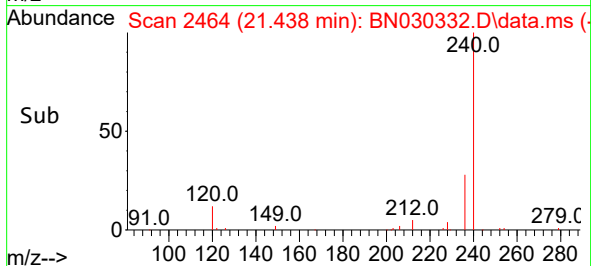
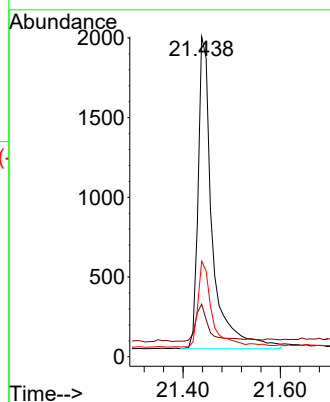
Tgt Ion:240 Resp: 3971

Ion Ratio Lower Upper

240 100

120 16.4 12.2 18.2

236 29.9 25.2 37.8



#31

Terphenyl-d14

Concen: 0.354 ng

RT: 19.875 min Scan# 2172

Delta R.T. -0.005 min

Lab File: BN030332.D

Acq: 07 Mar 2024 18:32

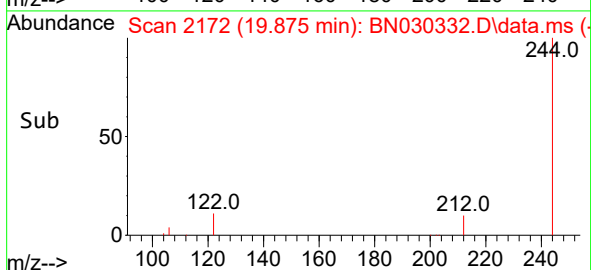
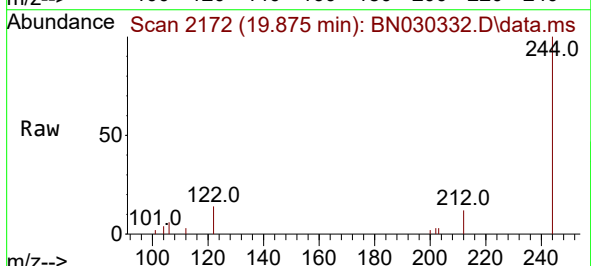
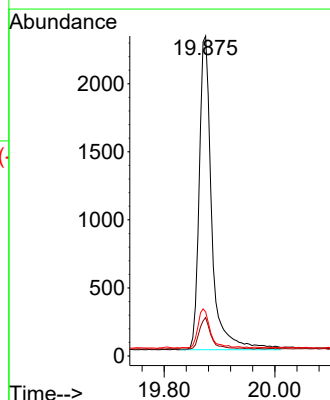
Tgt Ion:244 Resp: 3645

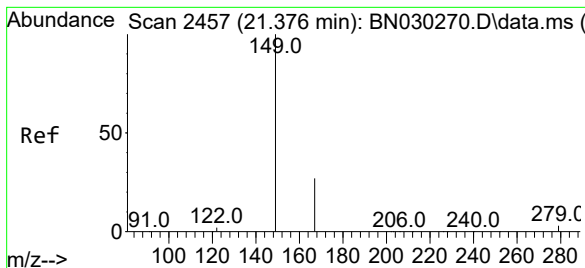
Ion Ratio Lower Upper

244 100

212 12.0 9.5 14.3

122 13.7 11.8 17.6

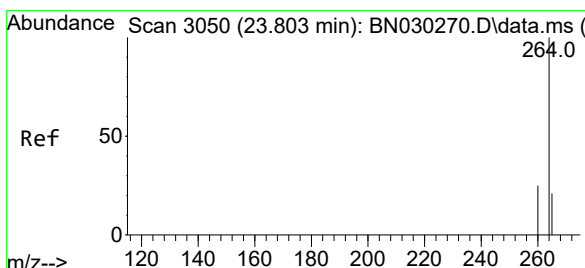
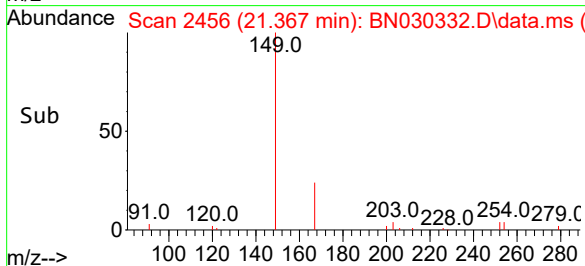
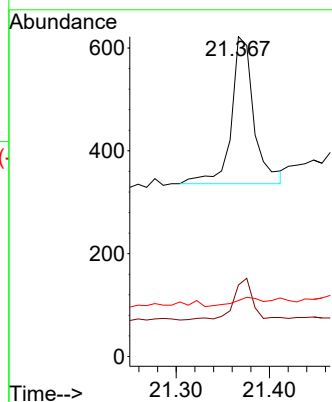
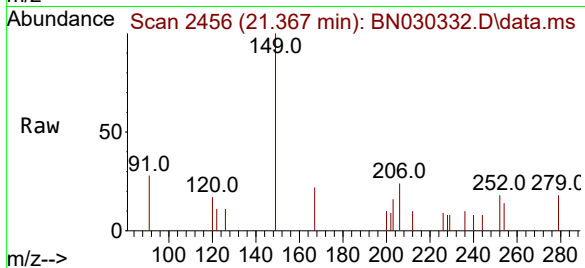




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.044 ng
 RT: 21.367 min Scan# 2456
 Delta R.T. -0.009 min
 Lab File: BN030332.D
 Acq: 07 Mar 2024 18:32

Instrument :
 BNA_N
 ClientSampleId :
 DUP08-20240227

Tgt Ion:149 Resp: 484
 Ion Ratio Lower Upper
 149 100
 167 24.0 20.6 30.8
 279 6.0 4.0 6.0



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.797 min Scan# 3048
 Delta R.T. -0.006 min
 Lab File: BN030332.D
 Acq: 07 Mar 2024 18:32

Tgt Ion:264 Resp: 3885
 Ion Ratio Lower Upper
 264 100
 260 27.2 21.7 32.5
 265 66.6 50.8 76.2

