

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030624\
 Data File : BN030316.D
 Acq On : 07 Mar 2024 07:01
 Operator : MA/JU
 Sample : P1590-19
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP09-20240222

Quant Time: Mar 07 07:37:51 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

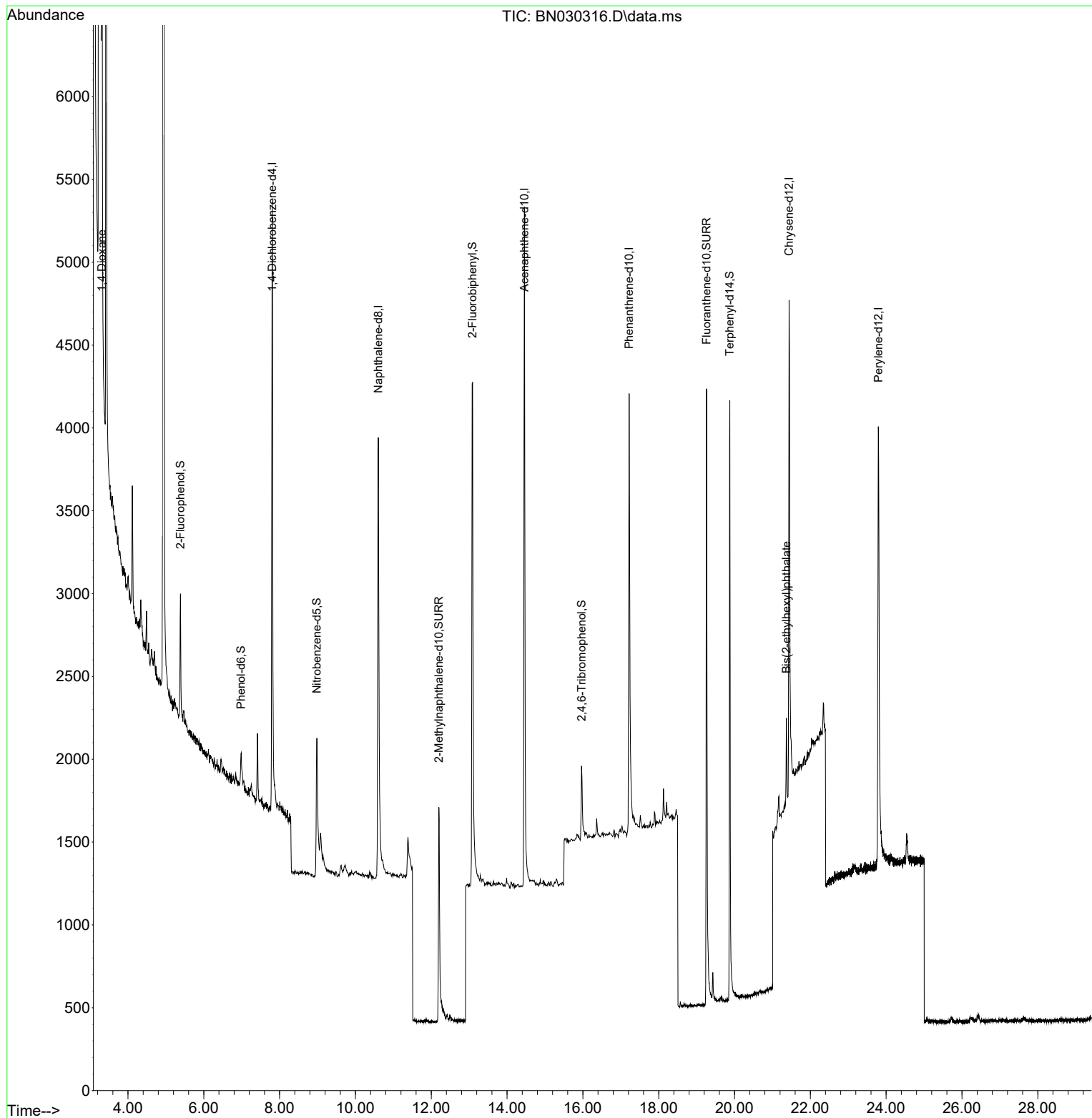
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	2060	0.400	ng	0.00
7) Naphthalene-d8	10.605	136	5225	0.400	ng	0.00
13) Acenaphthene-d10	14.458	164	2748	0.400	ng	0.00
19) Phenanthrene-d10	17.218	188	5354	0.400	ng	0.00
29) Chrysene-d12	21.438	240	4312	0.400	ng	0.00
35) Perylene-d12	23.794	264	4855	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	610	0.113	ng	0.00
5) Phenol-d6	6.981	99	329	0.058	ng	0.00
8) Nitrobenzene-d5	8.982	82	1355	0.284	ng	0.01
11) 2-Methylnaphthalene-d10	12.201	152	2588	0.341	ng	0.00
14) 2,4,6-Tribromophenol	15.965	330	369	0.261	ng	0.00
15) 2-Fluorobiphenyl	13.089	172	3867	0.339	ng	0.00
27) Fluoranthene-d10	19.262	212	5368	0.365	ng	0.00
31) Terphenyl-d14	19.875	244	4395	0.393	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.312	88	3030	1.134	ng	94
34) Bis(2-ethylhexyl)phtha...	21.367	149	658	0.055	ng	96

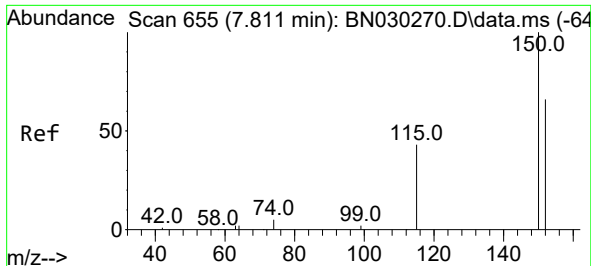
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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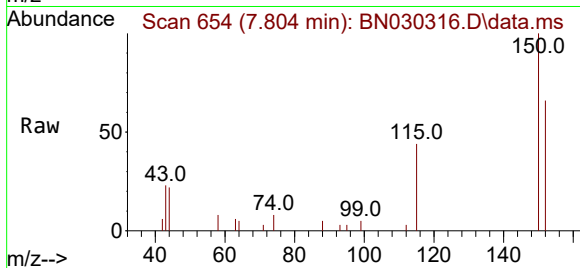
Quant Time: Mar 07 07:37:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN030524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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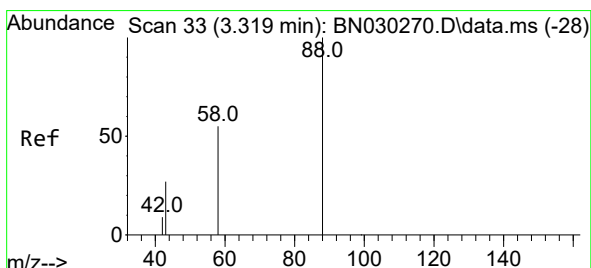
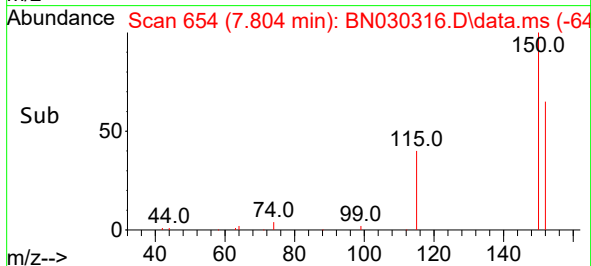
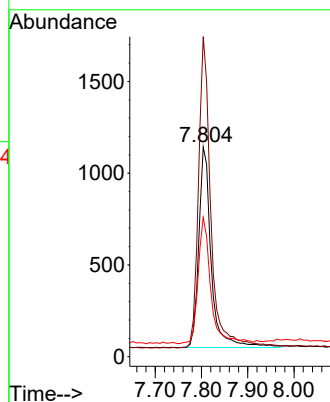
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.804 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN030316.D
 Acq: 07 Mar 2024 07:01

Instrument :
 BNA_N
 ClientSampleId :
 DUP09-20240222



Tgt Ion:152 Resp: 2060

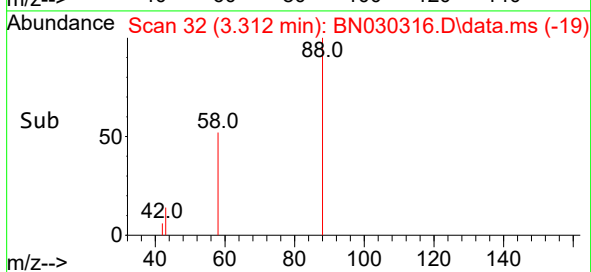
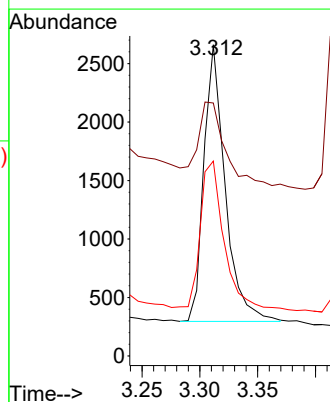
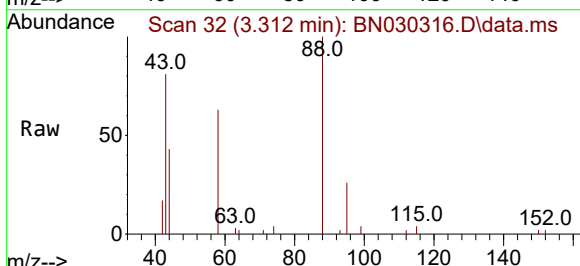
Ion	Ratio	Lower	Upper
152	100		
150	152.6	119.4	179.0
115	66.4	56.9	85.3

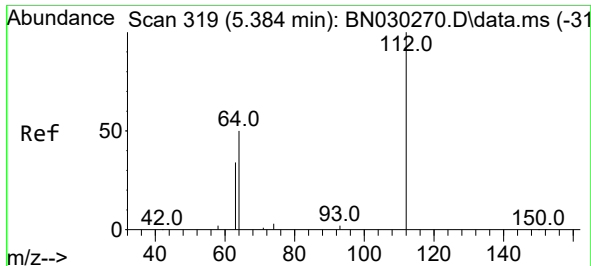


#2
 1,4-Dioxane
 Concen: 1.134 ng
 RT: 3.312 min Scan# 32
 Delta R.T. -0.007 min
 Lab File: BN030316.D
 Acq: 07 Mar 2024 07:01

Tgt Ion: 88 Resp: 3030

Ion	Ratio	Lower	Upper
88	100		
43	38.9	23.8	35.8
58	57.3	46.2	69.4

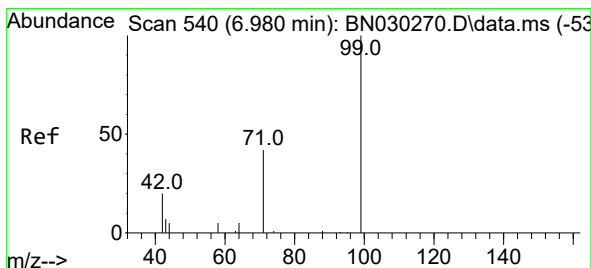
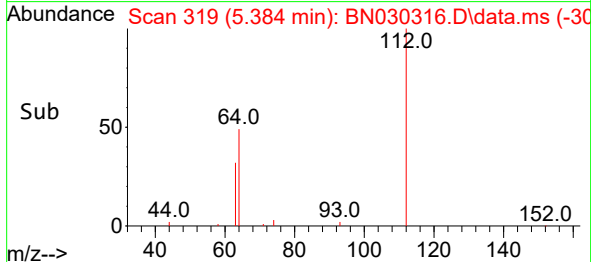
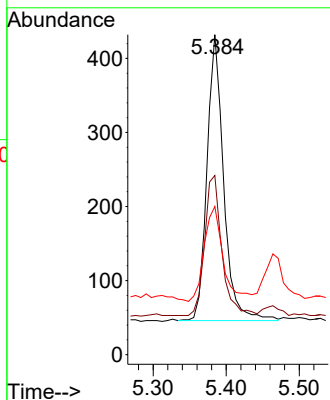
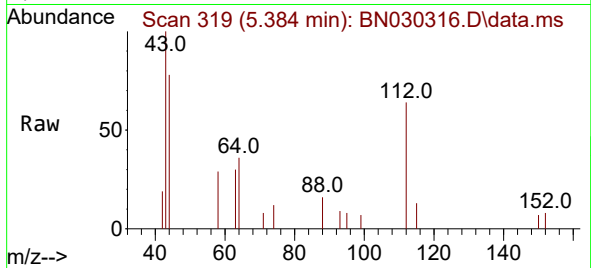




#4
2-Fluorophenol
Concen: 0.113 ng
RT: 5.384 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN030316.D
Acq: 07 Mar 2024 07:01

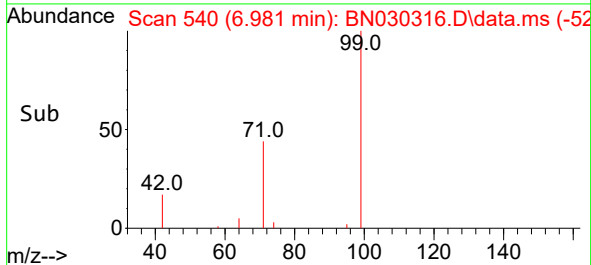
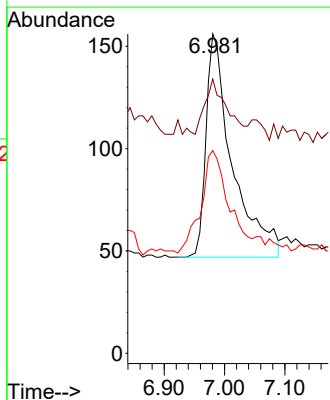
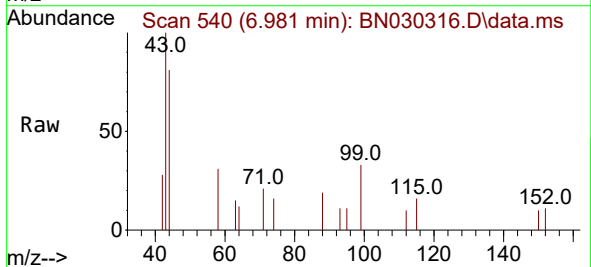
Instrument :
BNA_N
ClientSampleId :
DUP09-20240222

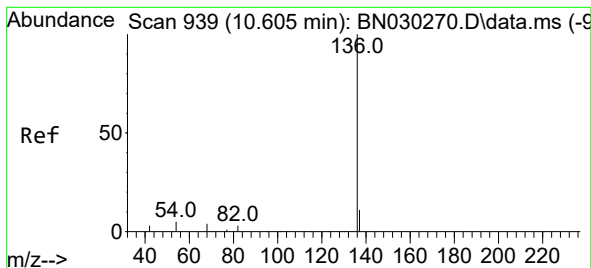
Tgt Ion:112 Resp: 610
Ion Ratio Lower Upper
112 100
64 50.3 41.8 62.8
63 37.9 27.1 40.7



#5
Phenol-d6
Concen: 0.058 ng
RT: 6.981 min Scan# 540
Delta R.T. 0.000 min
Lab File: BN030316.D
Acq: 07 Mar 2024 07:01

Tgt Ion: 99 Resp: 329
Ion Ratio Lower Upper
99 100
42 20.1 19.0 28.6
71 53.8 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: BN030316.D

Acq: 07 Mar 2024 07:01

Instrument :

BNA_N

ClientSampleId :

DUP09-20240222

Tgt Ion:136 Resp: 5225

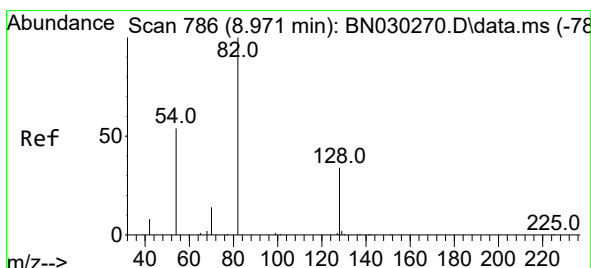
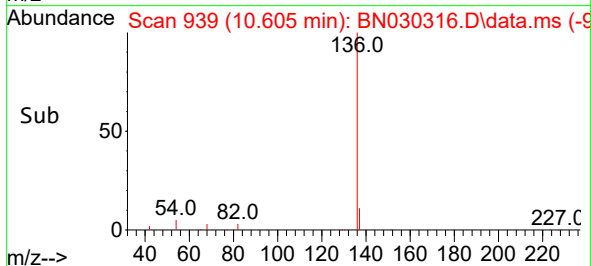
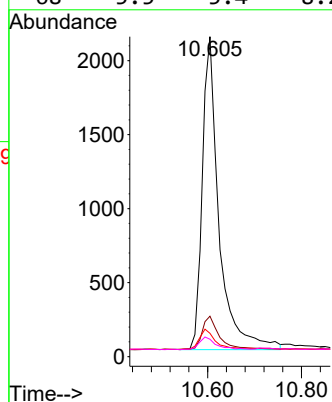
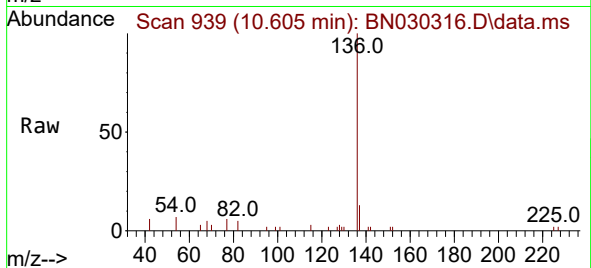
Ion Ratio Lower Upper

136 100

137 12.6 10.5 15.7

54 7.3 6.4 9.6

68 5.5 5.4 8.2



#8

Nitrobenzene-d5

Concen: 0.284 ng

RT: 8.982 min Scan# 787

Delta R.T. 0.011 min

Lab File: BN030316.D

Acq: 07 Mar 2024 07:01

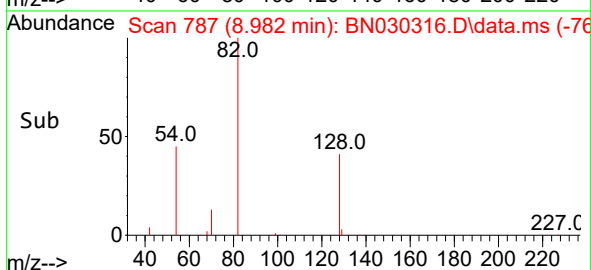
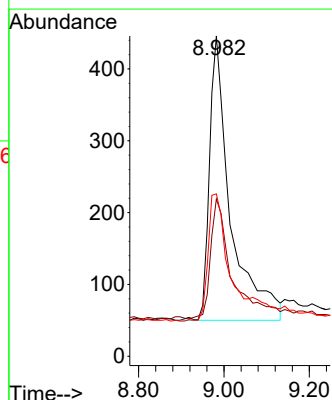
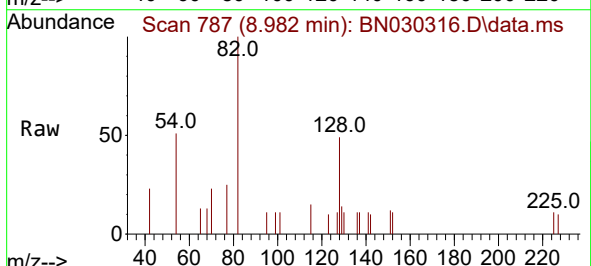
Tgt Ion: 82 Resp: 1355

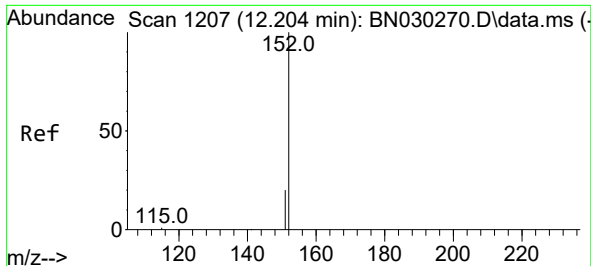
Ion Ratio Lower Upper

82 100

128 49.1 32.2 48.2#

54 50.7 47.3 70.9





#11

2-Methylnaphthalene-d10

Concen: 0.341 ng

RT: 12.201 min Scan# 11

Delta R.T. -0.004 min

Lab File: BN030316.D

Acq: 07 Mar 2024 07:01

Instrument :

BNA_N

ClientSampleId :

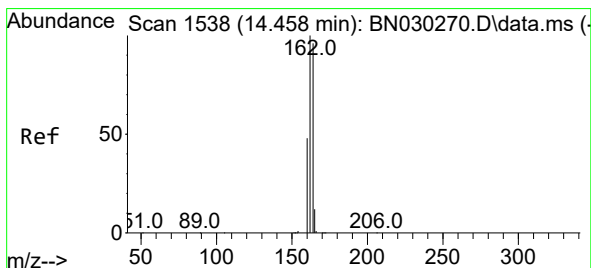
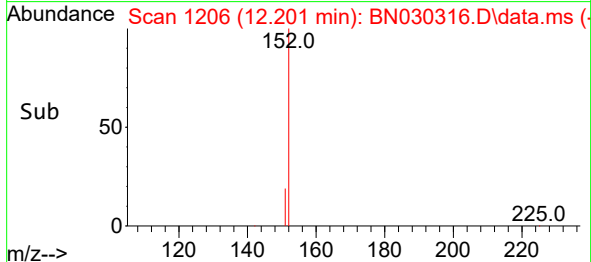
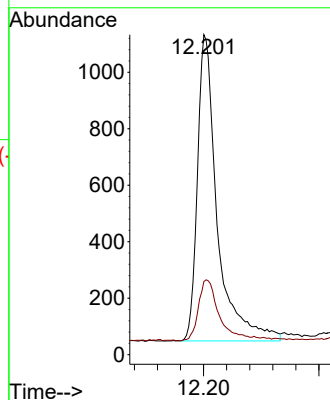
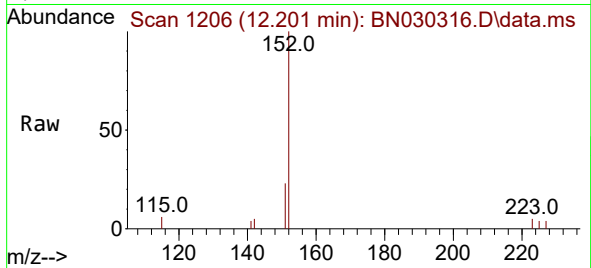
DUP09-20240222

Tgt Ion:152 Resp: 2588

Ion Ratio Lower Upper

152 100

151 20.8 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: BN030316.D

Acq: 07 Mar 2024 07:01

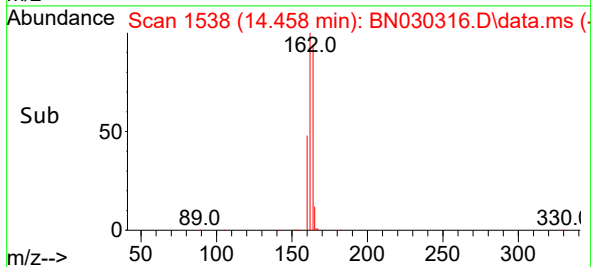
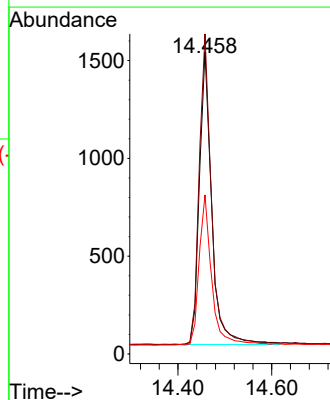
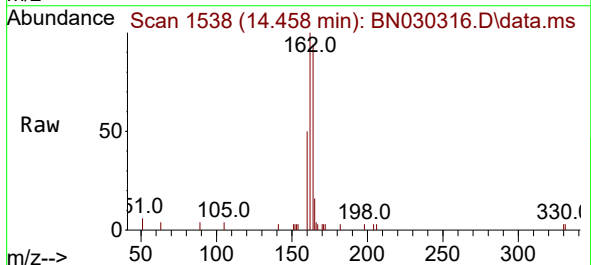
Tgt Ion:164 Resp: 2748

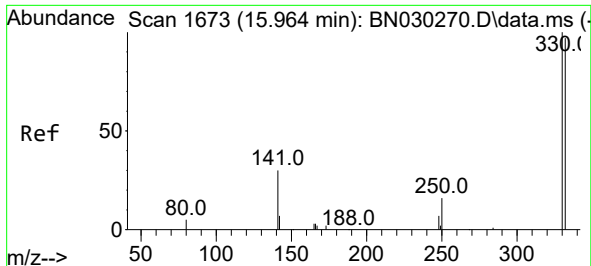
Ion Ratio Lower Upper

164 100

162 105.8 83.4 125.2

160 52.6 41.7 62.5

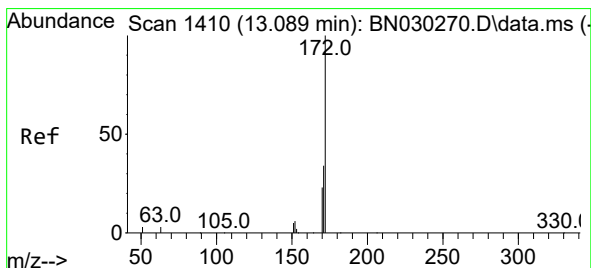
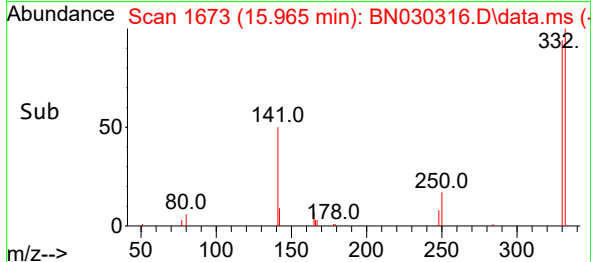
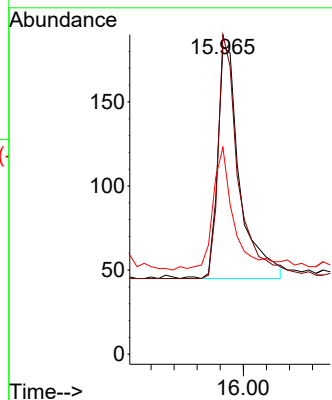
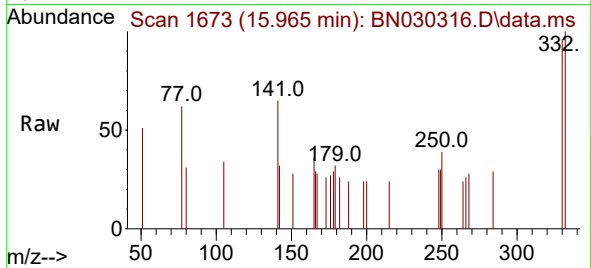




#14
2,4,6-Tribromophenol
Concen: 0.261 ng
RT: 15.965 min Scan# 1673
Delta R.T. 0.000 min
Lab File: BN030316.D
Acq: 07 Mar 2024 07:01

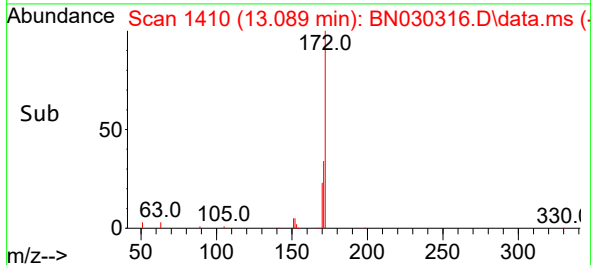
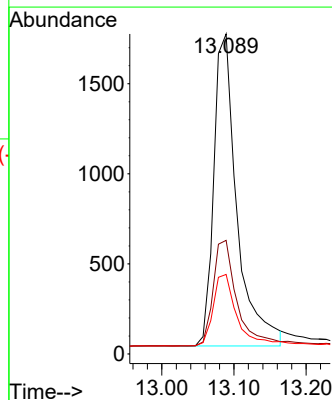
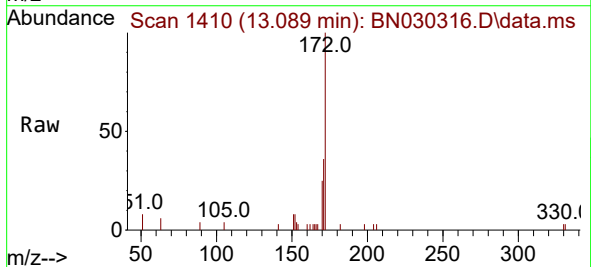
Instrument :
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ClientSampleId :
DUP09-20240222

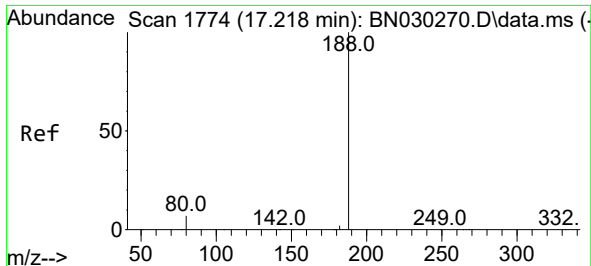
Tgt Ion: 330 Resp: 369
Ion Ratio Lower Upper
330 100
332 94.0 72.6 108.8
141 46.9 41.3 61.9



#15
2-Fluorobiphenyl
Concen: 0.339 ng
RT: 13.089 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BN030316.D
Acq: 07 Mar 2024 07:01

Tgt Ion: 172 Resp: 3867
Ion Ratio Lower Upper
172 100
171 35.5 29.0 43.4
170 24.9 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: BN030316.D

Acq: 07 Mar 2024 07:01

Instrument :

BNA_N

ClientSampleId :

DUP09-20240222

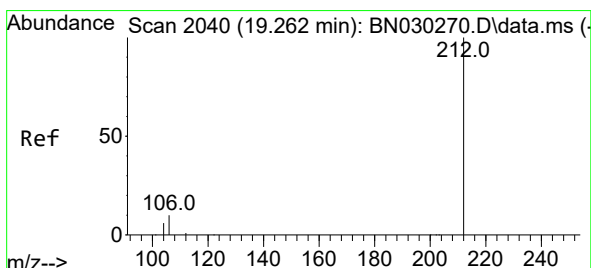
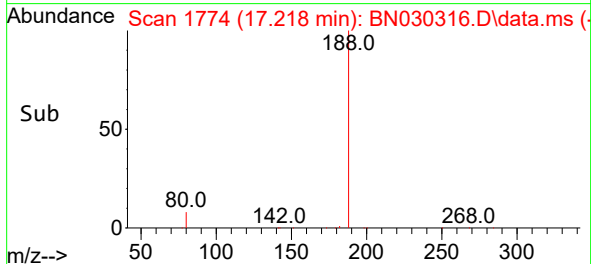
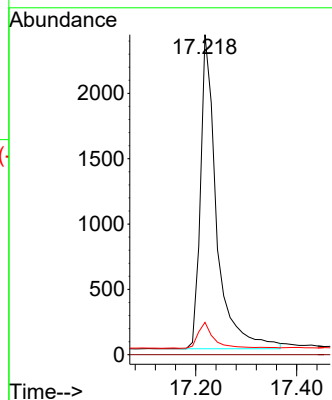
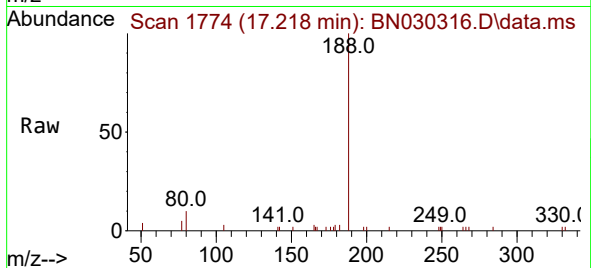
Tgt Ion:188 Resp: 5354

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.1 7.8 11.6



#27

Fluoranthene-d10

Concen: 0.365 ng

RT: 19.262 min Scan# 2040

Delta R.T. 0.000 min

Lab File: BN030316.D

Acq: 07 Mar 2024 07:01

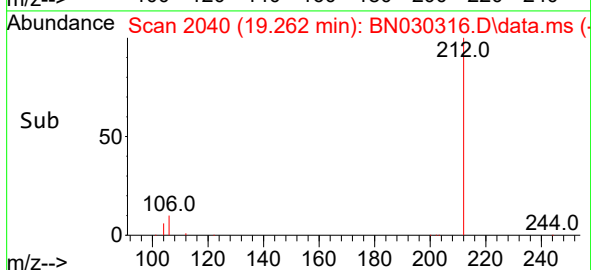
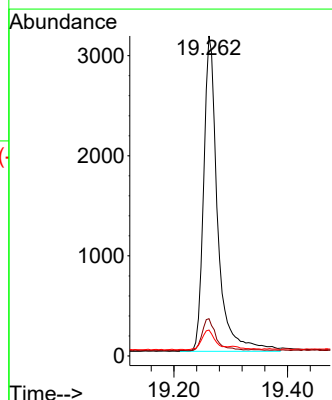
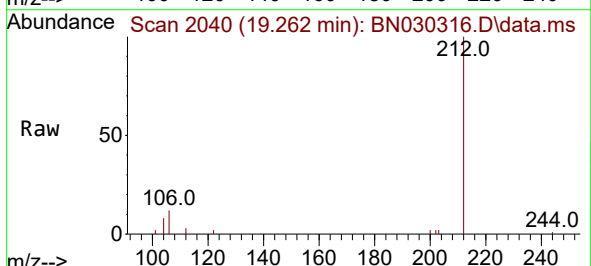
Tgt Ion:212 Resp: 5368

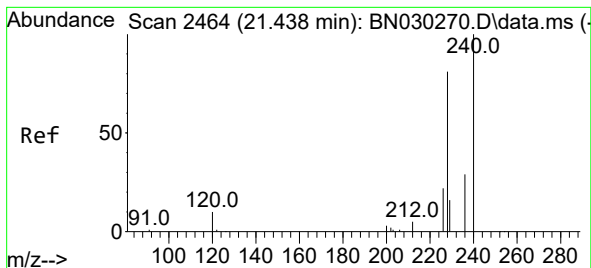
Ion Ratio Lower Upper

212 100

106 10.2 8.2 12.4

104 6.1 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: BN030316.D

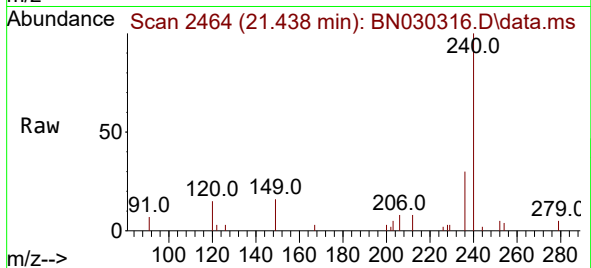
Acq: 07 Mar 2024 07:01

Instrument :

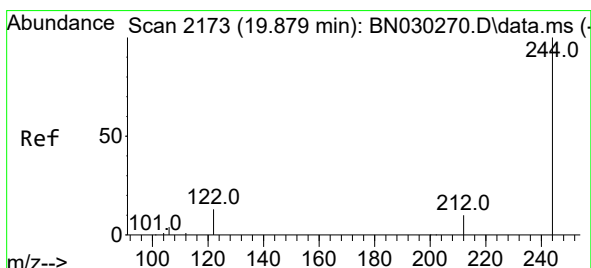
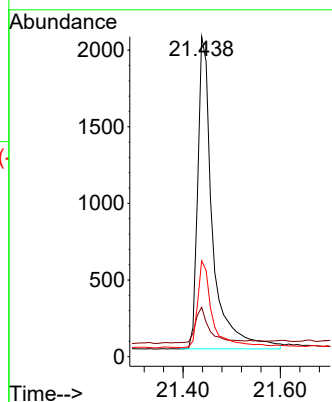
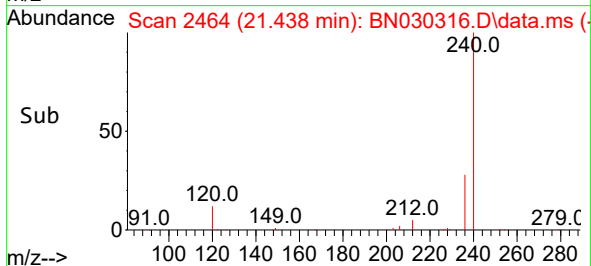
BNA_N

ClientSampleId :

DUP09-20240222



Tgt Ion:240	Resp:	4312
Ion	Ratio	Lower Upper
240	100	
120	15.4	12.2 18.2
236	29.9	25.2 37.8



#31

Terphenyl-d14

Concen: 0.393 ng

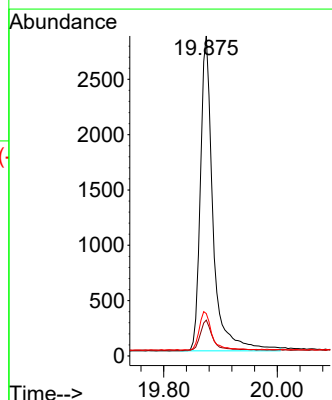
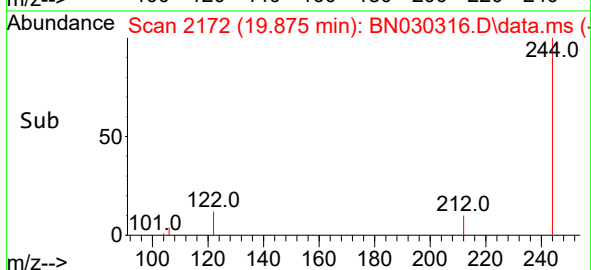
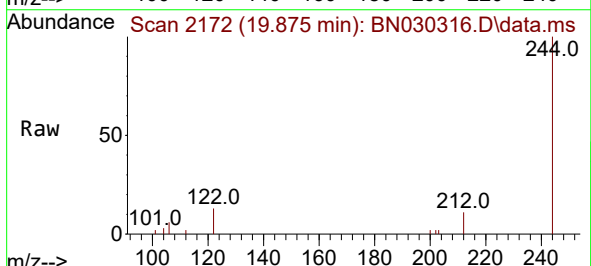
RT: 19.875 min Scan# 2172

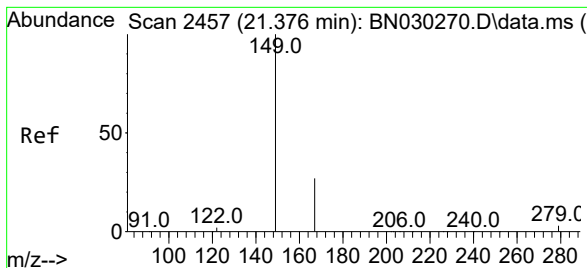
Delta R.T. -0.005 min

Lab File: BN030316.D

Acq: 07 Mar 2024 07:01

Tgt Ion:244	Resp:	4395
Ion	Ratio	Lower Upper
244	100	
212	11.2	9.5 14.3
122	13.2	11.8 17.6

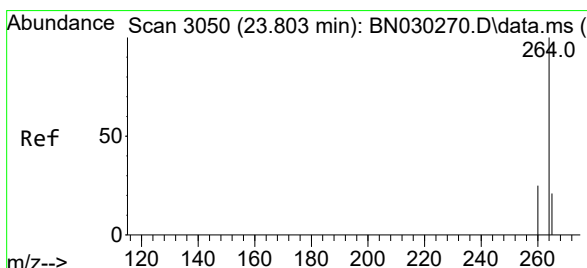
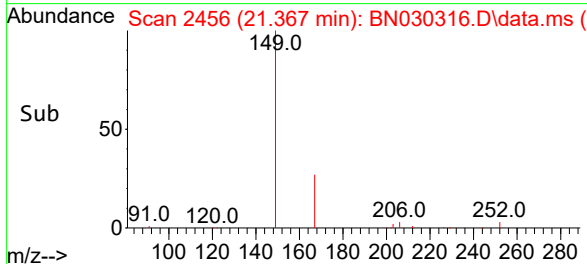
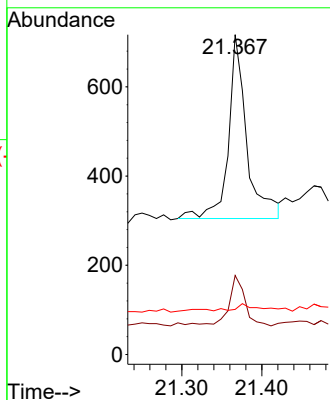
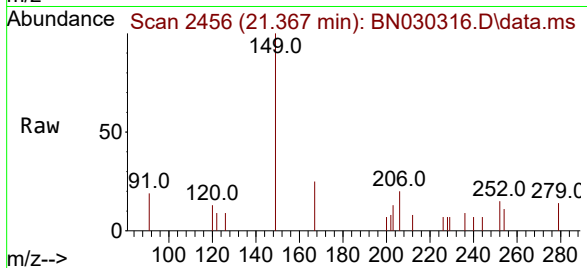




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.055 ng
 RT: 21.367 min Scan# 2456
 Delta R.T. -0.009 min
 Lab File: BN030316.D
 Acq: 07 Mar 2024 07:01

Instrument :
 BNA_N
 ClientSampleId :
 DUP09-20240222

Tgt Ion:149 Resp: 658
 Ion Ratio Lower Upper
 149 100
 167 23.4 20.6 30.8
 279 5.8 4.0 6.0



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.794 min Scan# 3047
 Delta R.T. -0.009 min
 Lab File: BN030316.D
 Acq: 07 Mar 2024 07:01

Tgt Ion:264 Resp: 4855
 Ion Ratio Lower Upper
 264 100
 260 27.2 21.7 32.5
 265 56.7 50.8 76.2

