

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022324\
 Data File : BN029989.D
 Acq On : 24 Feb 2024 11:54
 Operator : MA/JU
 Sample : P1520-02
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE108D1-20240215

Quant Time: Feb 26 04:52:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 26 02:39:45 2024
 Response via : Initial Calibration

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

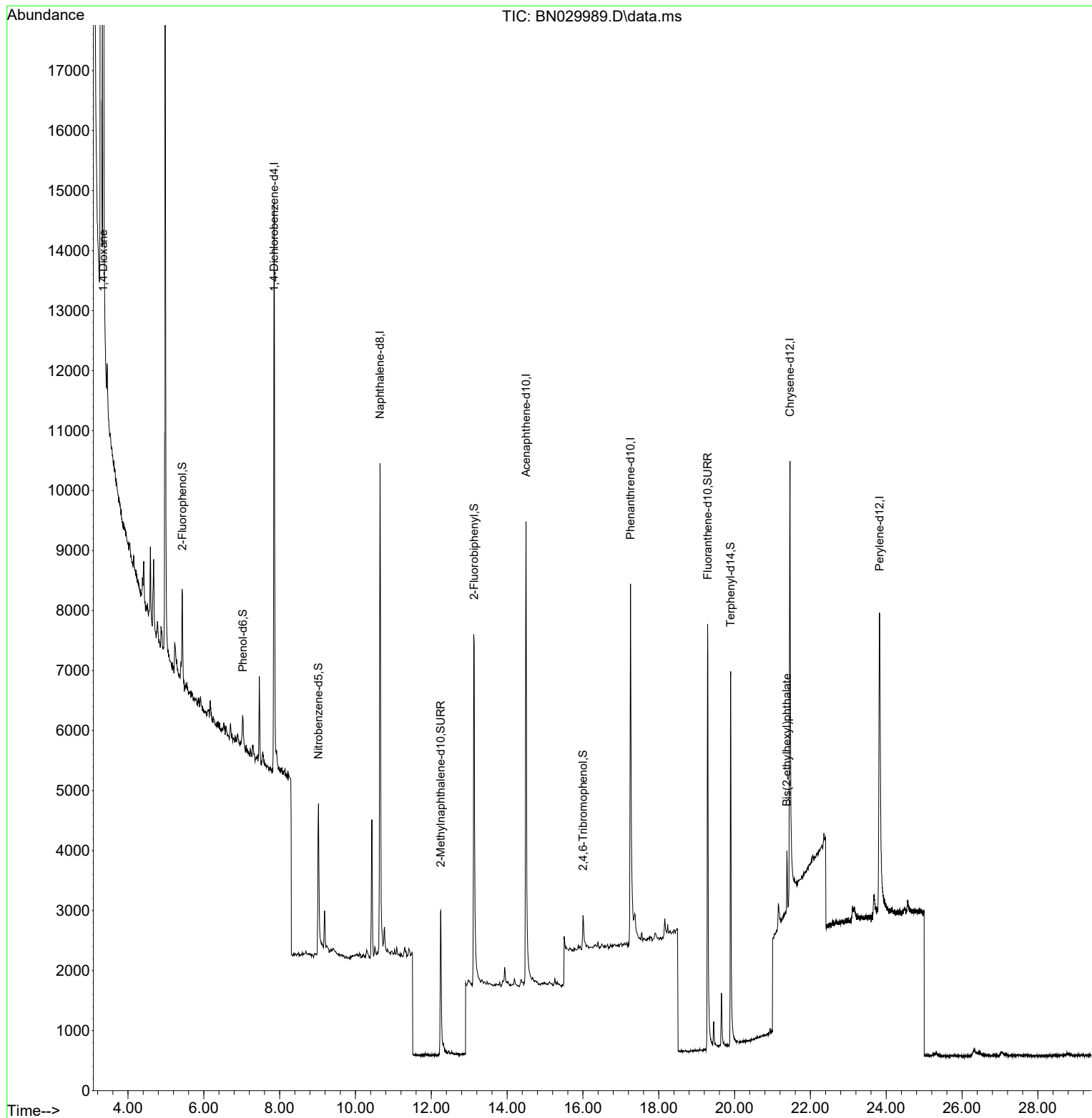
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.855	152	4693	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	12388	0.400	ng	0.00
13) Acenaphthene-d10	14.500	164	5865	0.400	ng	0.01
19) Phenanthrene-d10	17.256	188	11415	0.400	ng	0.00
29) Chrysene-d12	21.461	240	10154	0.400	ng	# 0.00
35) Perylene-d12	23.825	264	10388	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	1262	0.112	ng	0.00
5) Phenol-d6	7.031	99	709	0.055	ng	0.00
8) Nitrobenzene-d5	9.025	82	2925	0.284	ng	0.01
11) 2-Methylnaphthalene-d10	12.246	152	4515	0.268	ng	0.00
14) 2,4,6-Tribromophenol	16.002	330	474	0.252	ng	0.00
15) 2-Fluorobiphenyl	13.132	172	7204	0.286	ng	0.01
27) Fluoranthene-d10	19.290	212	10118	0.366	ng	0.00
31) Terphenyl-d14	19.898	244	7817	0.310	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.348	88	16293	2.466	ng	97
34) Bis(2-ethylhexyl)phtha...	21.380	149	1056	0.045	ng	# 97

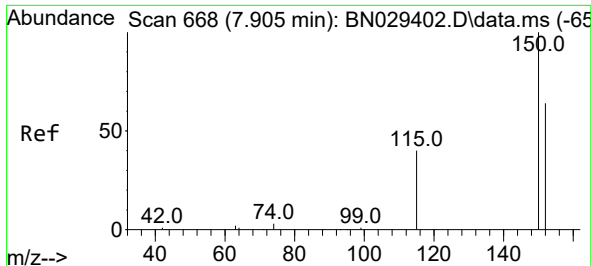
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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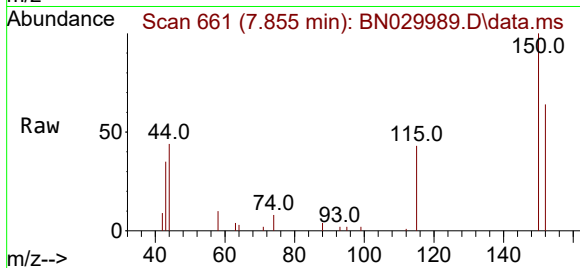
Quant Time: Feb 26 04:52:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 26 02:39:45 2024
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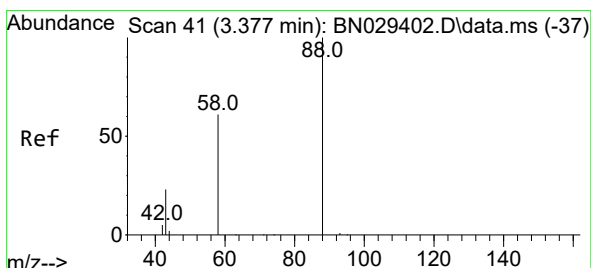
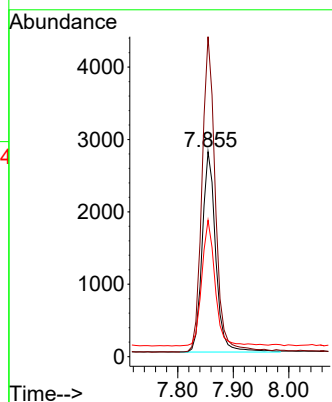
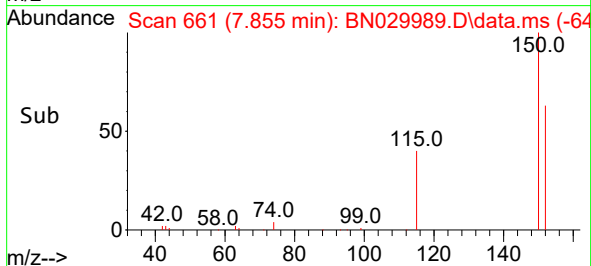


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.855 min Scan# 60
 Delta R.T. 0.001 min
 Lab File: BN029989.D
 Acq: 24 Feb 2024 11:54

Instrument :
 BNA_N
 ClientSampleId :
 RE108D1-20240215

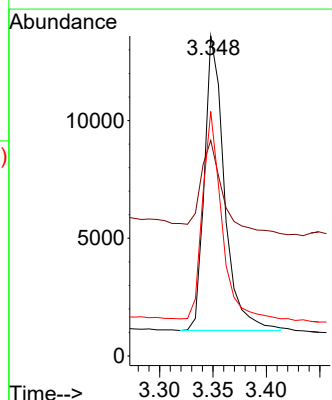
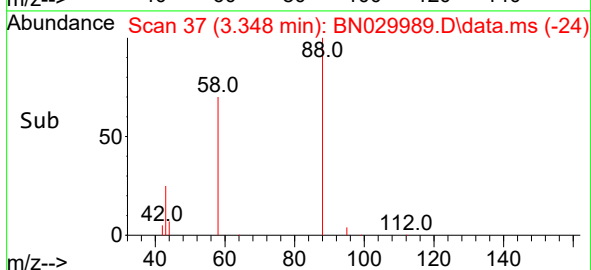
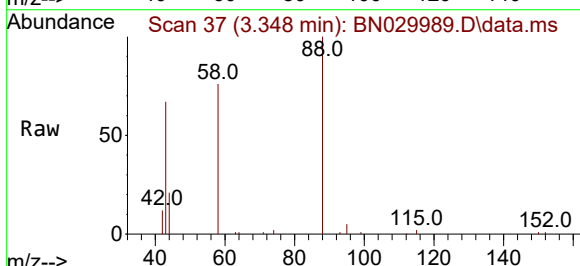


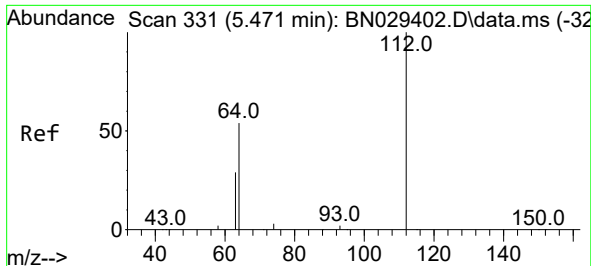
Tgt Ion:152 Resp: 4693
 Ion Ratio Lower Upper
 152 100
 150 156.2 123.0 184.4
 115 66.6 51.4 77.0



#2
 1,4-Dioxane
 Concen: 2.466 ng
 RT: 3.348 min Scan# 37
 Delta R.T. -0.007 min
 Lab File: BN029989.D
 Acq: 24 Feb 2024 11:54

Tgt Ion: 88 Resp: 16293
 Ion Ratio Lower Upper
 88 100
 43 33.8 23.3 34.9
 58 66.8 53.8 80.6





#4

2-Fluorophenol

Concen: 0.112 ng

RT: 5.435 min Scan# 31

Delta R.T. 0.007 min

Lab File: BN029989.D

Acq: 24 Feb 2024 11:54

Instrument :

BNA_N

ClientSampleId :

RE108D1-20240215

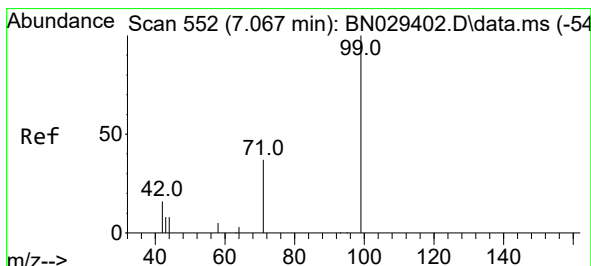
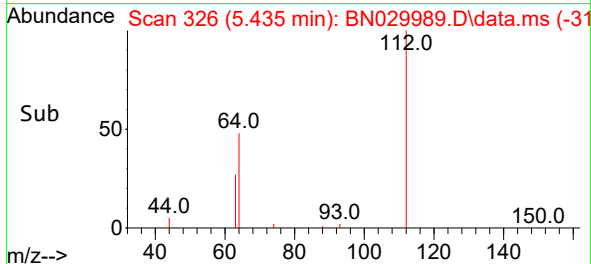
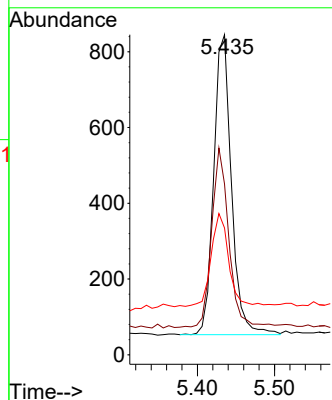
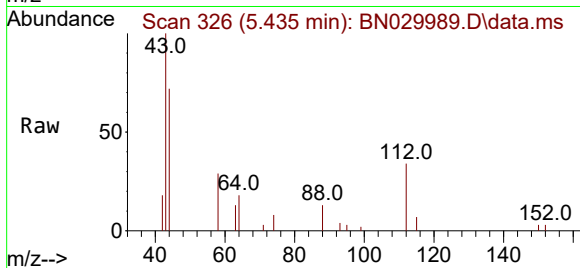
Tgt Ion:112 Resp: 1262

Ion Ratio Lower Upper

112 100

64 57.4 47.2 70.8

63 31.9 25.8 38.6



#5

Phenol-d6

Concen: 0.055 ng

RT: 7.031 min Scan# 547

Delta R.T. 0.007 min

Lab File: BN029989.D

Acq: 24 Feb 2024 11:54

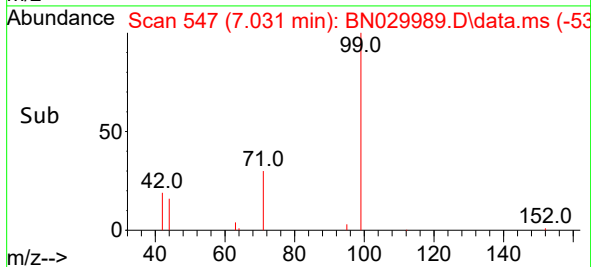
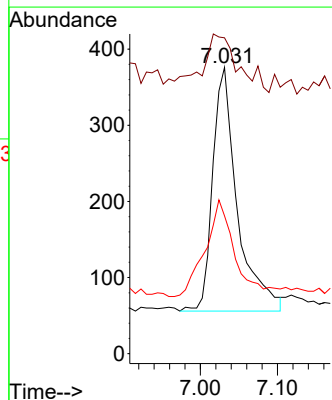
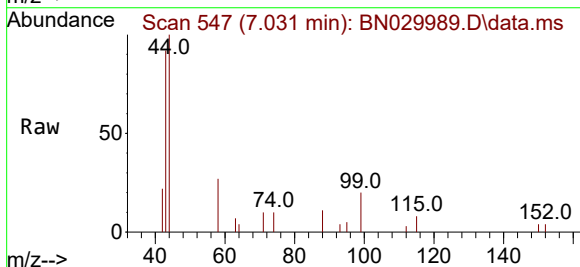
Tgt Ion: 99 Resp: 709

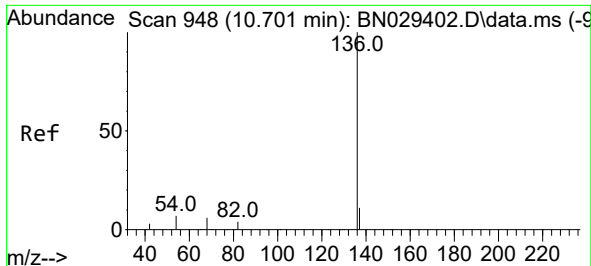
Ion Ratio Lower Upper

99 100

42 35.7 16.9 25.3#

71 48.1 30.0 45.0#

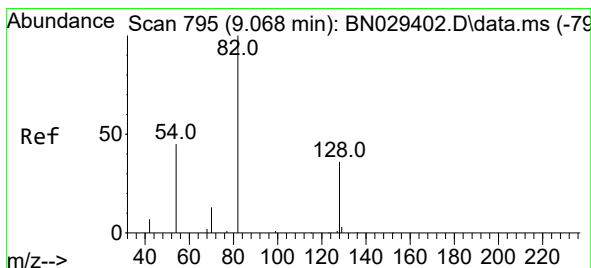
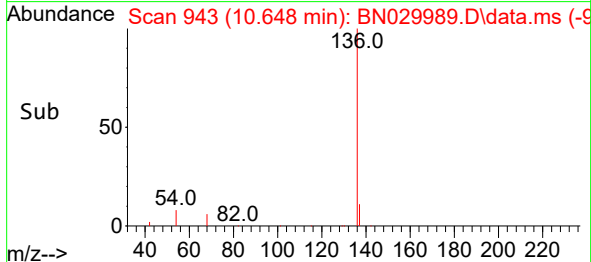
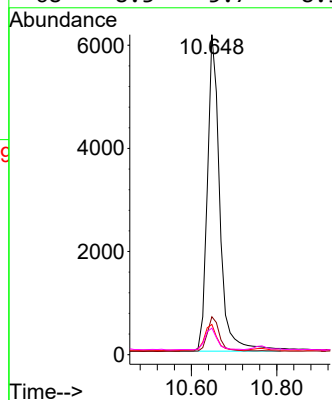
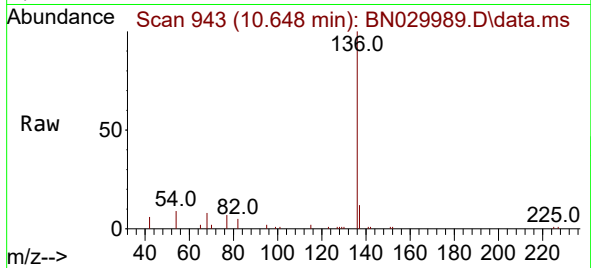




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN029989.D
Acq: 24 Feb 2024 11:54

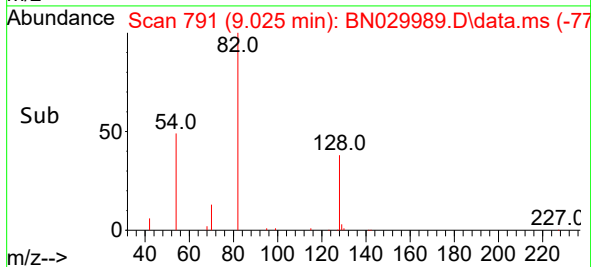
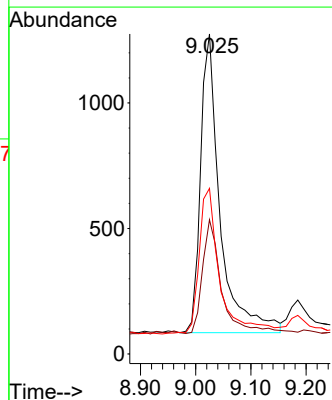
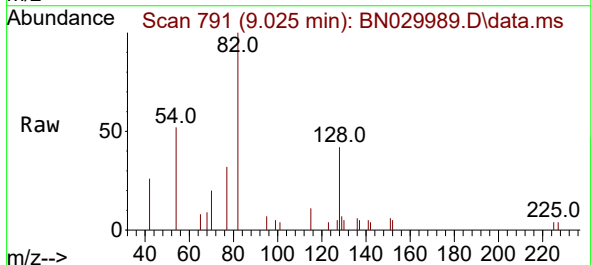
Instrument :
BNA_N
ClientSampleId :
RE108D1-20240215

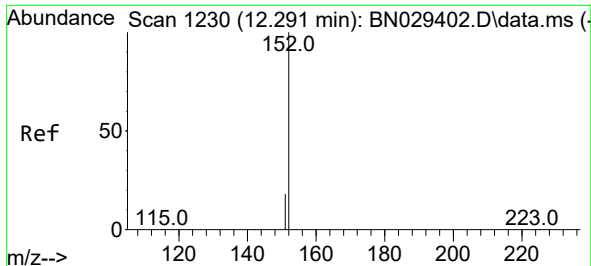
Tgt Ion:	136	Resp:	12388
Ion Ratio	Lower	Upper	
136	100		
137	11.9	9.7	14.5
54	9.5	6.6	10.0
68	8.3	5.7	8.5



#8
Nitrobenzene-d5
Concen: 0.284 ng
RT: 9.025 min Scan# 791
Delta R.T. 0.011 min
Lab File: BN029989.D
Acq: 24 Feb 2024 11:54

Tgt Ion:	82	Resp:	2925
Ion Ratio	Lower	Upper	
82	100		
128	42.0	31.6	47.4
54	51.8	38.2	57.4

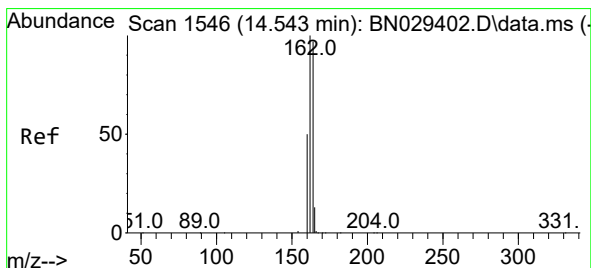
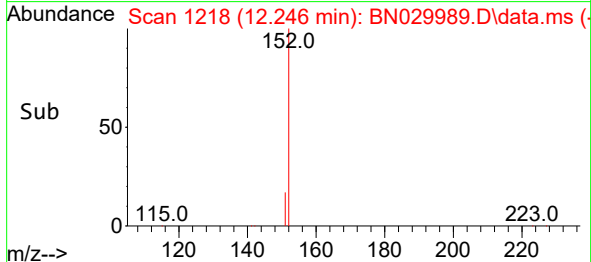
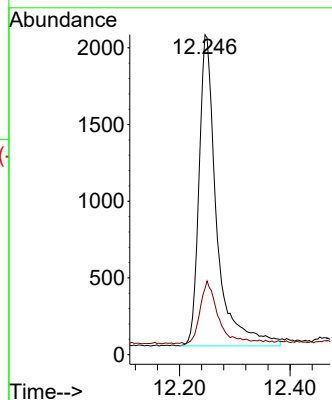
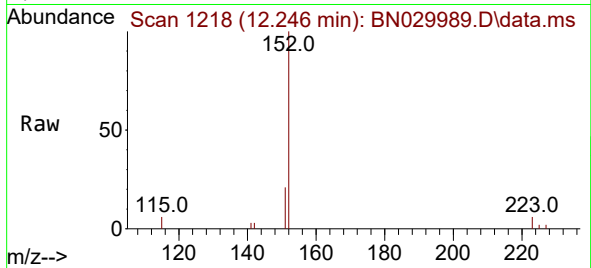




#11
2-Methylnaphthalene-d10
Concen: 0.268 ng
RT: 12.246 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN029989.D
Acq: 24 Feb 2024 11:54

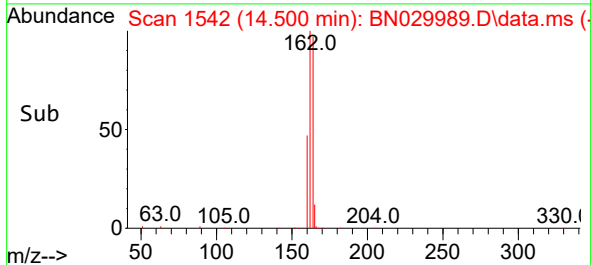
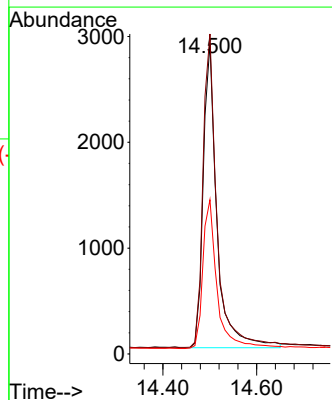
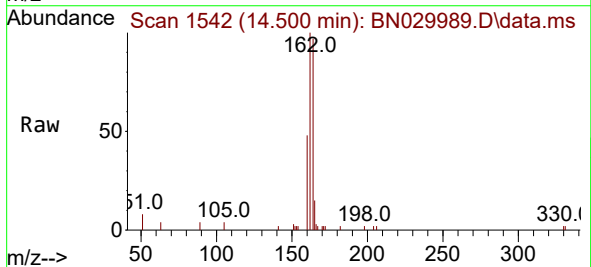
Instrument :
BNA_N
ClientSampleId :
RE108D1-20240215

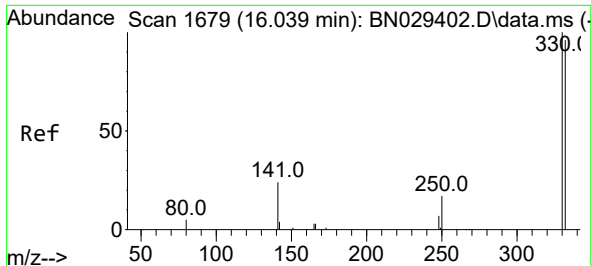
Tgt Ion:152 Resp: 4515
Ion Ratio Lower Upper
152 100
151 20.1 17.1 25.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.500 min Scan# 1542
Delta R.T. 0.011 min
Lab File: BN029989.D
Acq: 24 Feb 2024 11:54

Tgt Ion:164 Resp: 5865
Ion Ratio Lower Upper
164 100
162 103.0 82.6 123.8
160 49.6 41.5 62.3

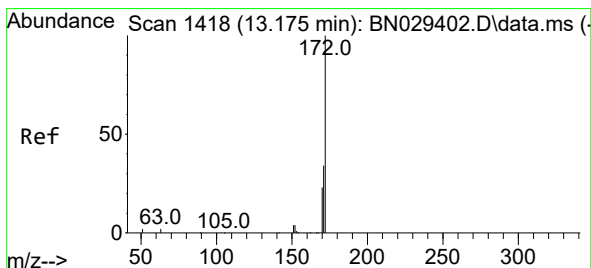
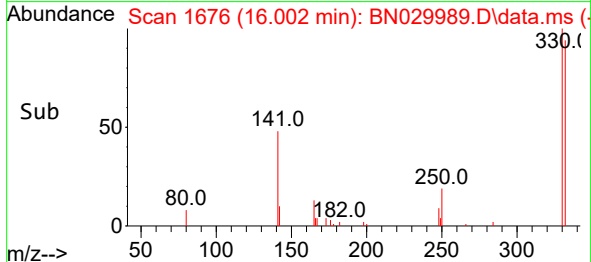
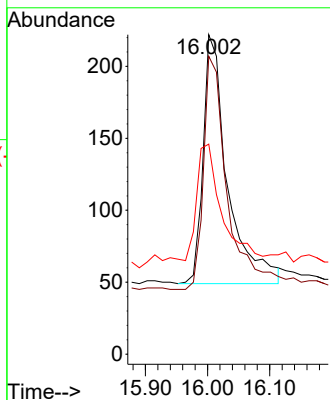
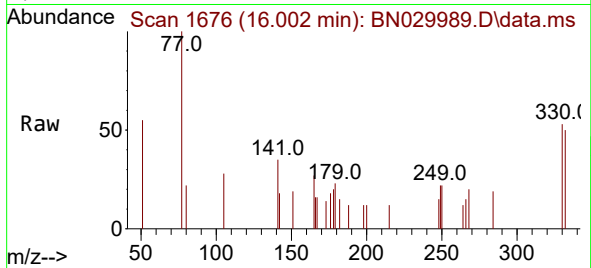




#14
2,4,6-Tribromophenol
Concen: 0.252 ng
RT: 16.002 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029989.D
Acq: 24 Feb 2024 11:54

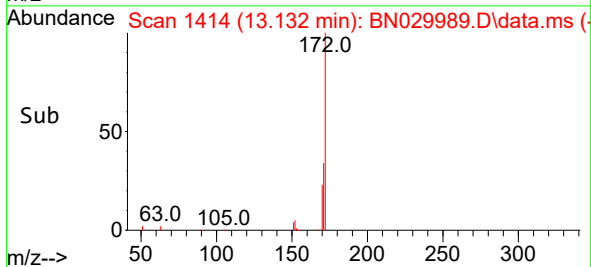
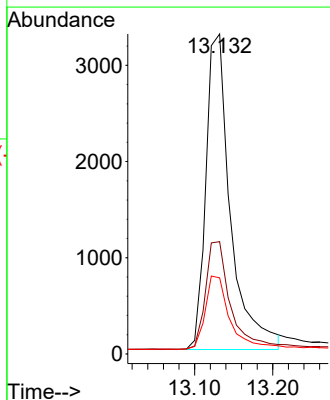
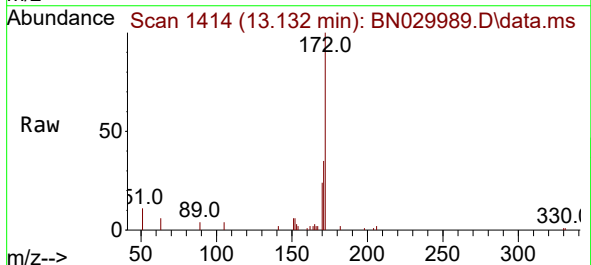
Instrument :
BNA_N
ClientSampleId :
RE108D1-20240215

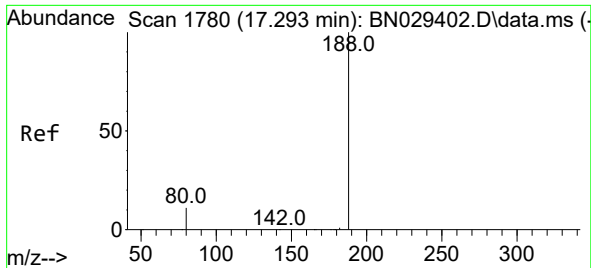
Tgt Ion:330 Resp: 474
Ion Ratio Lower Upper
330 100
332 91.8 76.0 114.0
141 45.1 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.286 ng
RT: 13.132 min Scan# 1414
Delta R.T. 0.011 min
Lab File: BN029989.D
Acq: 24 Feb 2024 11:54

Tgt Ion:172 Resp: 7204
Ion Ratio Lower Upper
172 100
171 35.1 28.0 42.0
170 23.8 18.7 28.1

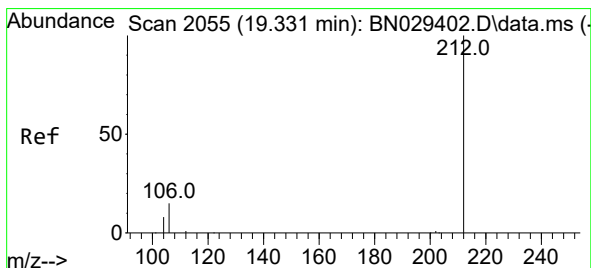
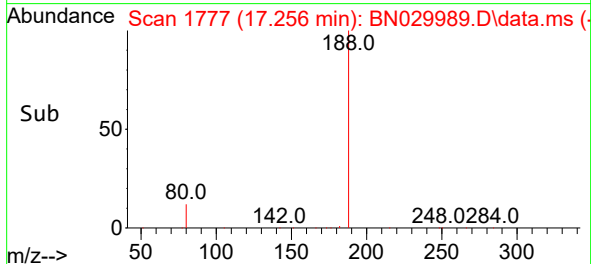
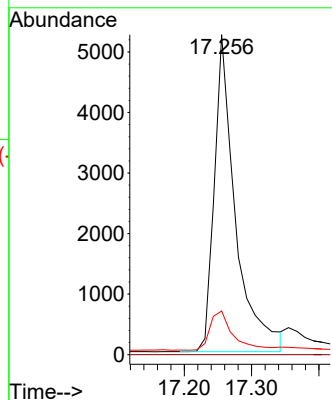
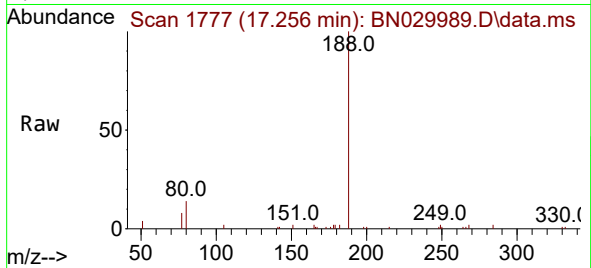




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.256 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN029989.D
Acq: 24 Feb 2024 11:54

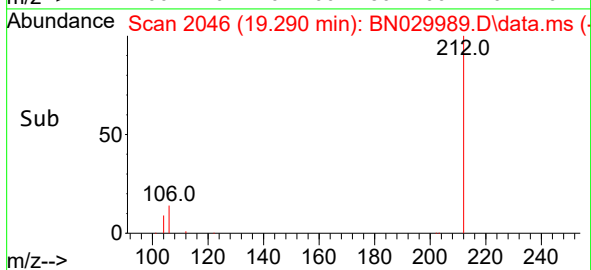
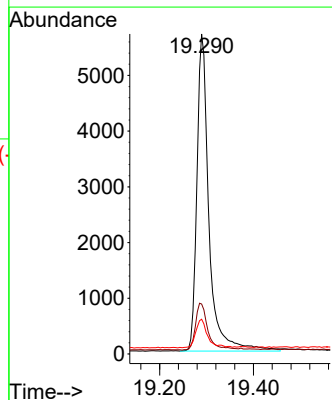
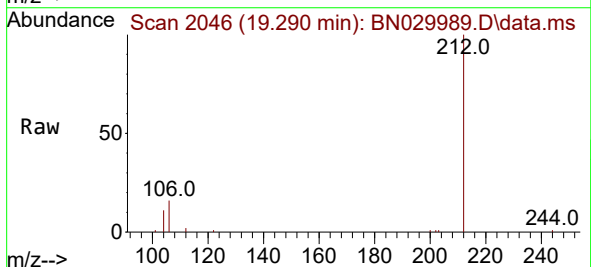
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BNA_N
ClientSampleId :
RE108D1-20240215

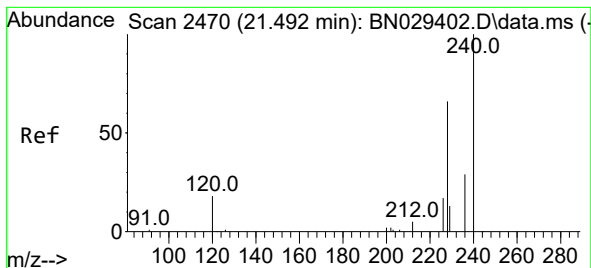
Tgt Ion:188 Resp: 11415
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.6 10.0 15.0



#27
Fluoranthene-d10
Concen: 0.366 ng
RT: 19.290 min Scan# 2046
Delta R.T. 0.000 min
Lab File: BN029989.D
Acq: 24 Feb 2024 11:54

Tgt Ion:212 Resp: 10118
Ion Ratio Lower Upper
212 100
106 15.3 13.2 19.8
104 9.0 7.7 11.5





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.461 min Scan# 2466

Delta R.T. 0.005 min

Lab File: BN029989.D

Acq: 24 Feb 2024 11:54

Instrument :

BNA_N

ClientSampleId :

RE108D1-20240215

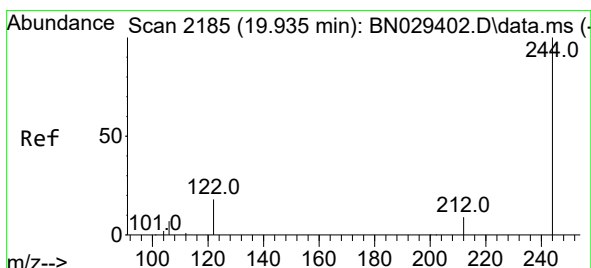
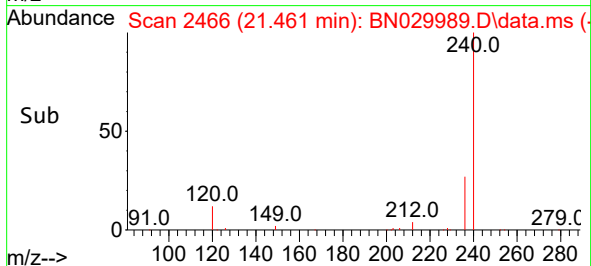
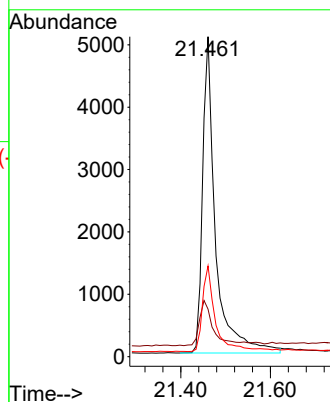
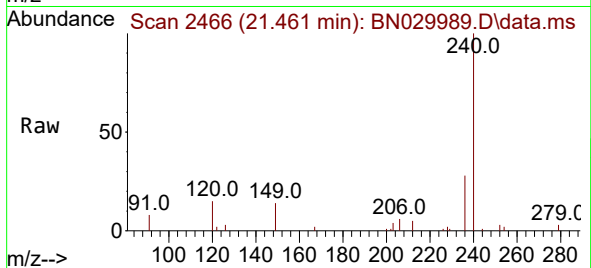
Tgt Ion:240 Resp: 10154

Ion Ratio Lower Upper

240 100

120 14.9 16.7 25.1#

236 28.4 23.9 35.9



#31

Terphenyl-d14

Concen: 0.310 ng

RT: 19.898 min Scan# 2177

Delta R.T. 0.000 min

Lab File: BN029989.D

Acq: 24 Feb 2024 11:54

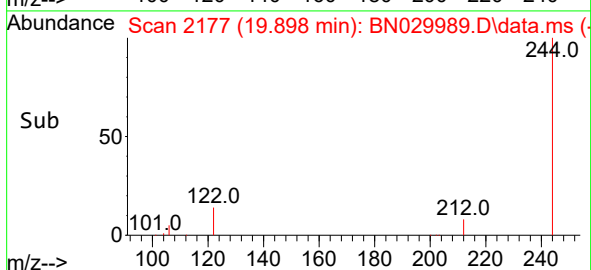
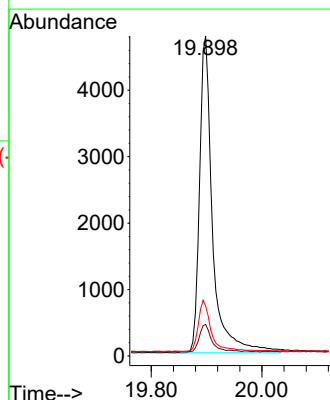
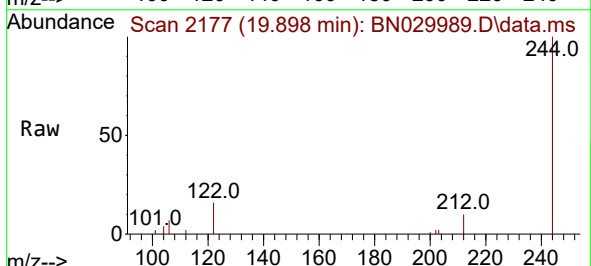
Tgt Ion:244 Resp: 7817

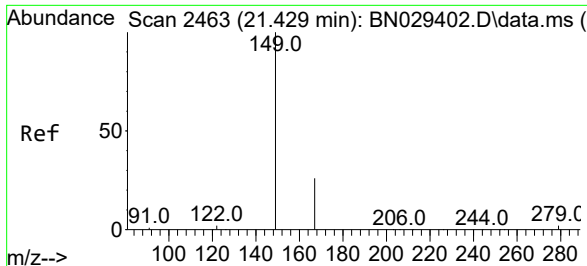
Ion Ratio Lower Upper

244 100

212 9.8 8.2 12.4

122 15.6 15.6 23.4

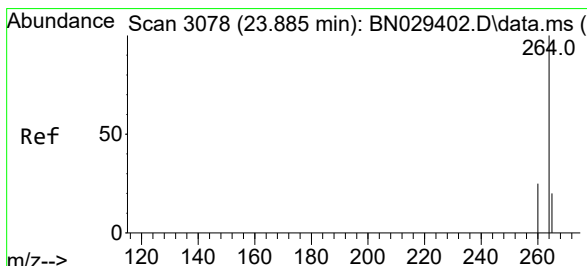
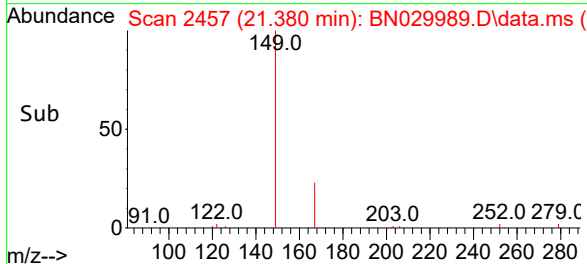
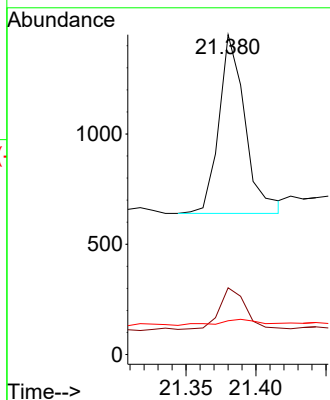
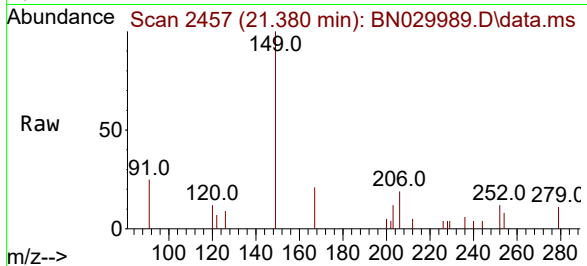




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.045 ng
 RT: 21.380 min Scan# 2463
 Delta R.T. -0.004 min
 Lab File: BN029989.D
 Acq: 24 Feb 2024 11:54

Instrument :
 BNA_N
 ClientSampleId :
 RE108D1-20240215

Tgt Ion:149 Resp: 1056
 Ion Ratio Lower Upper
 149 100
 167 24.1 20.1 30.1
 279 5.5 2.5 3.7#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.825 min Scan# 3056
 Delta R.T. 0.005 min
 Lab File: BN029989.D
 Acq: 24 Feb 2024 11:54

Tgt Ion:264 Resp: 10388
 Ion Ratio Lower Upper
 264 100
 260 25.9 21.2 31.8
 265 63.4 41.5 62.3#

