

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022424\
 Data File : BN030004.D
 Acq On : 24 Feb 2024 22:08
 Operator : MA/JU
 Sample : P1520-10
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP03-20240216

Quant Time: Feb 26 02:45:31 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)

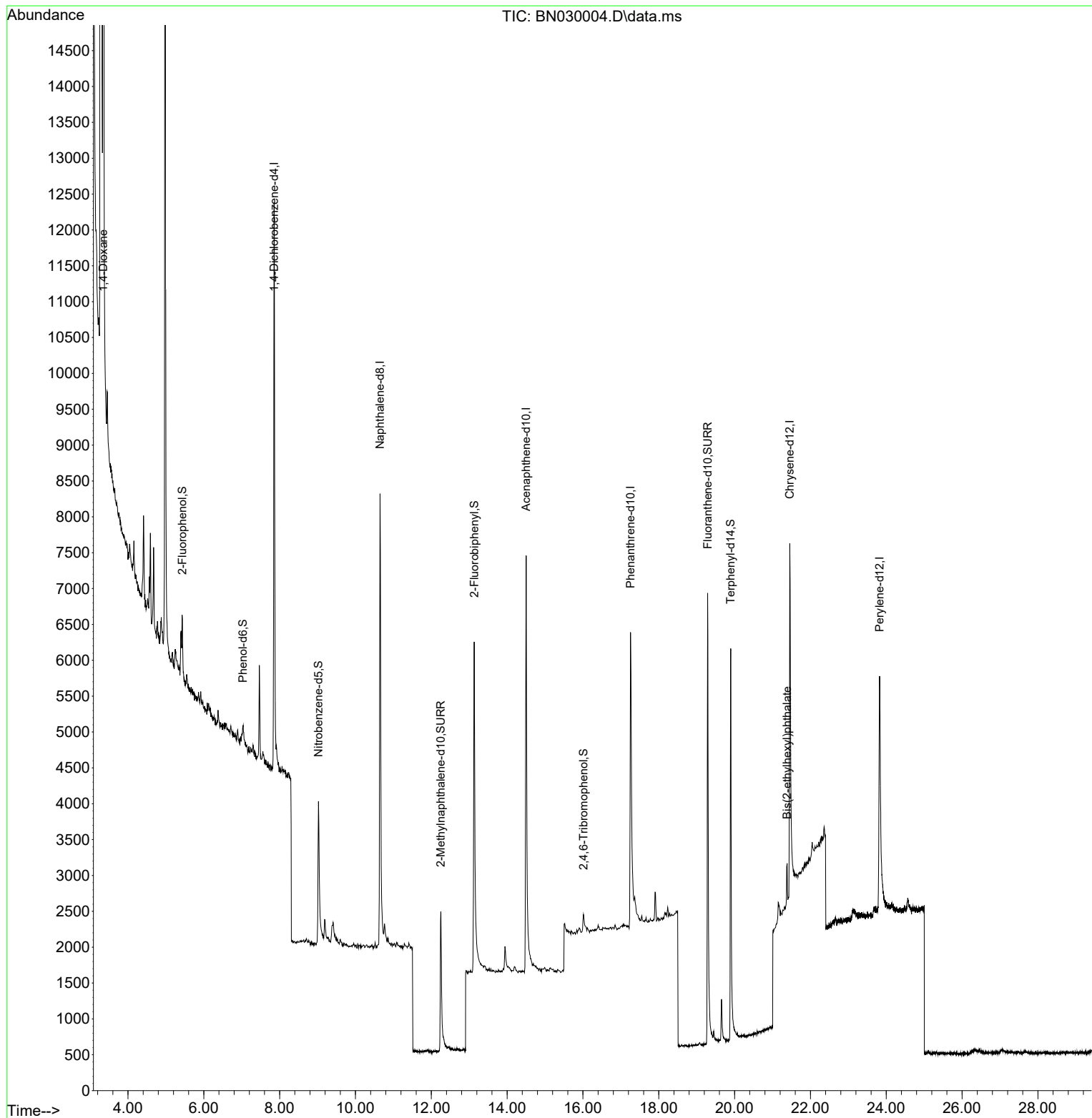
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	4117	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	10530	0.400	ng	# 0.00
13) Acenaphthene-d10	14.500	164	4792	0.400	ng	0.01
19) Phenanthrene-d10	17.256	188	10226	0.400	ng	# 0.00
29) Chrysene-d12	21.456	240	7609	0.400	ng	0.00
35) Perylene-d12	23.824	264	7209	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	723	0.073	ng	0.00
5) Phenol-d6	7.031	99	403	0.035	ng	0.00
8) Nitrobenzene-d5	9.025	82	2727	0.311	ng	0.01
11) 2-Methylnaphthalene-d10	12.250	152	4198	0.293	ng	0.00
14) 2,4,6-Tribromophenol	16.014	330	228	0.148	ng	0.01
15) 2-Fluorobiphenyl	13.132	172	5970	0.290	ng	0.01
27) Fluoranthene-d10	19.290	212	9441	0.381	ng	0.00
31) Terphenyl-d14	19.898	244	7436	0.394	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.348	88	24519	4.230	ng	97
34) Bis(2-ethylhexyl)phtha...	21.385	149	760	0.043	ng	# 94

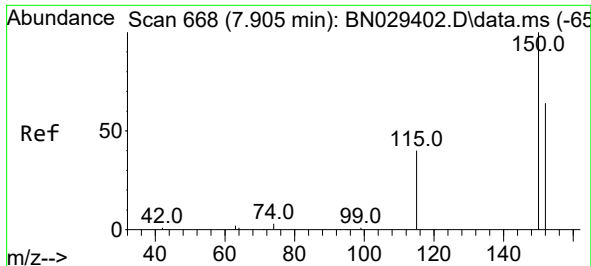
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 26 02:45:31 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 26 02:39:45 2024
Response via : Initial Calibration

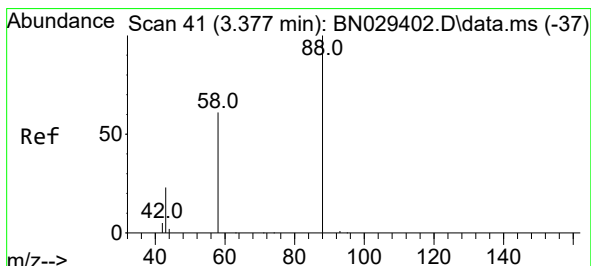
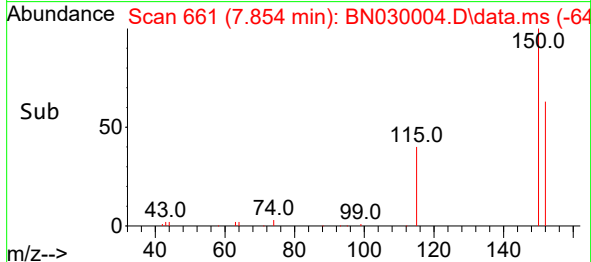
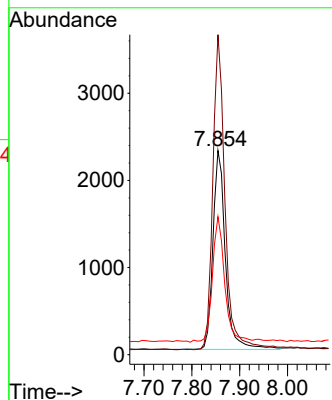
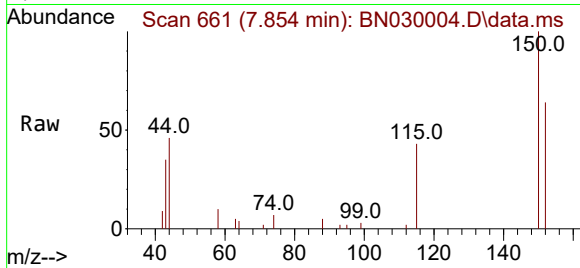




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.854 min Scan# 6
 Delta R.T. 0.000 min
 Lab File: BN030004.D
 Acq: 24 Feb 2024 22:08

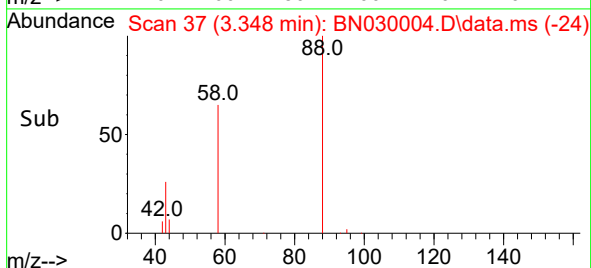
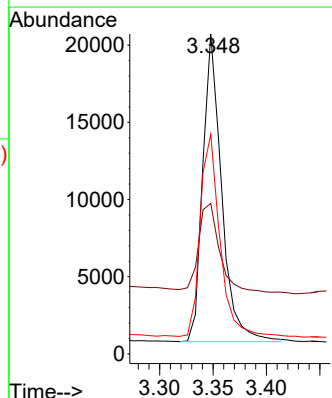
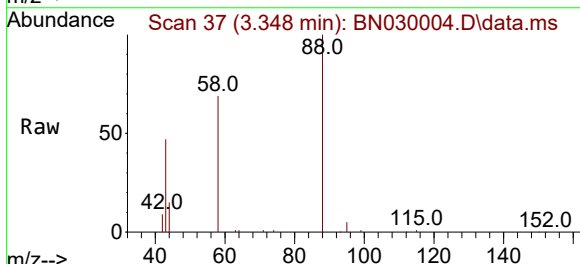
Instrument :
 BNA_N
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 DUP03-20240216

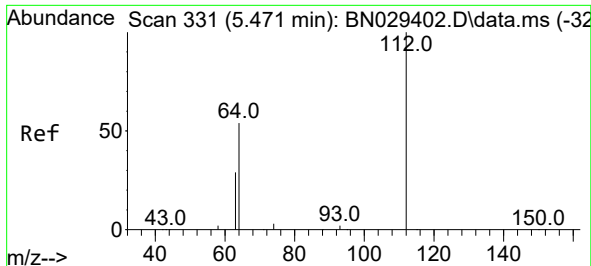
Tgt Ion:152 Resp: 4117
 Ion Ratio Lower Upper
 152 100
 150 156.7 123.0 184.4
 115 67.6 51.4 77.0



#2
 1,4-Dioxane
 Concen: 4.230 ng
 RT: 3.348 min Scan# 37
 Delta R.T. -0.007 min
 Lab File: BN030004.D
 Acq: 24 Feb 2024 22:08

Tgt Ion: 88 Resp: 24519
 Ion Ratio Lower Upper
 88 100
 43 31.9 23.3 34.9
 58 68.3 53.8 80.6

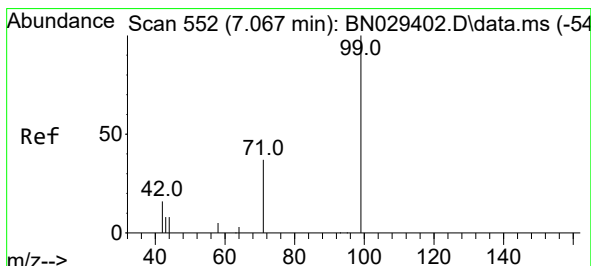
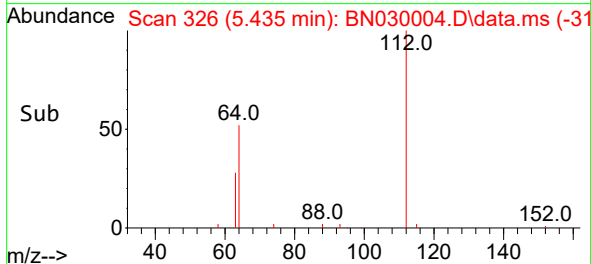
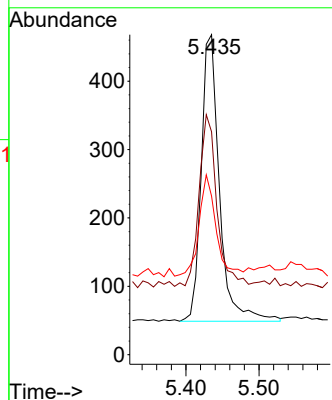
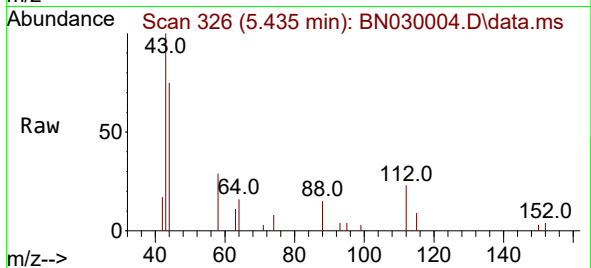




#4
2-Fluorophenol
Concen: 0.073 ng
RT: 5.435 min Scan# 31
Delta R.T. 0.007 min
Lab File: BN030004.D
Acq: 24 Feb 2024 22:08

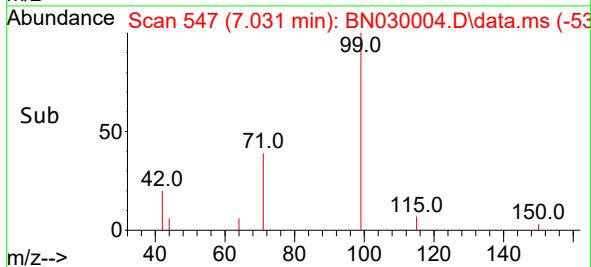
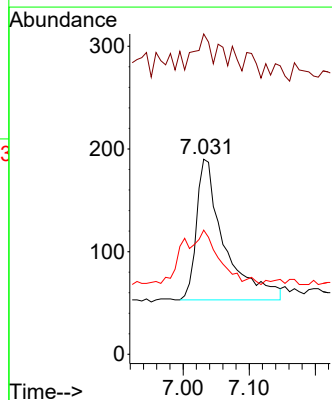
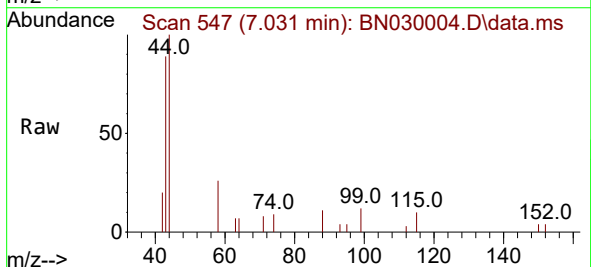
Instrument :
BNA_N
ClientSampleId :
DUP03-20240216

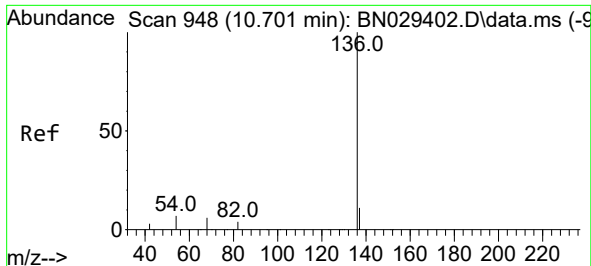
Tgt Ion:112 Resp: 723
Ion Ratio Lower Upper
112 100
64 59.1 47.2 70.8
63 32.8 25.8 38.6



#5
Phenol-d6
Concen: 0.035 ng
RT: 7.031 min Scan# 547
Delta R.T. 0.007 min
Lab File: BN030004.D
Acq: 24 Feb 2024 22:08

Tgt Ion: 99 Resp: 403
Ion Ratio Lower Upper
99 100
42 13.2 16.9 25.3#
71 29.8 30.0 45.0#

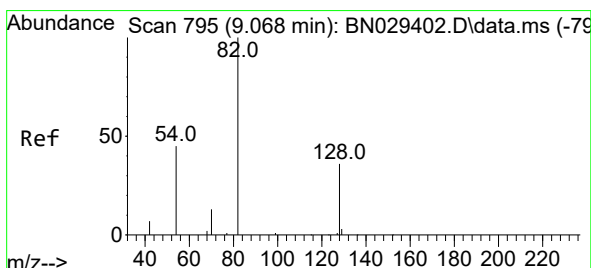
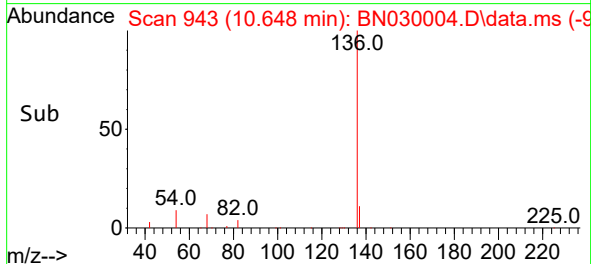
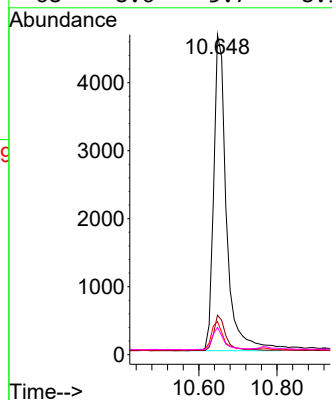
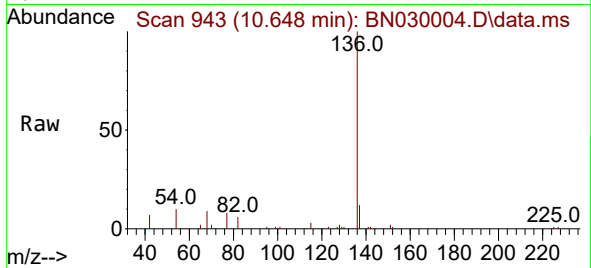




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN030004.D
Acq: 24 Feb 2024 22:08

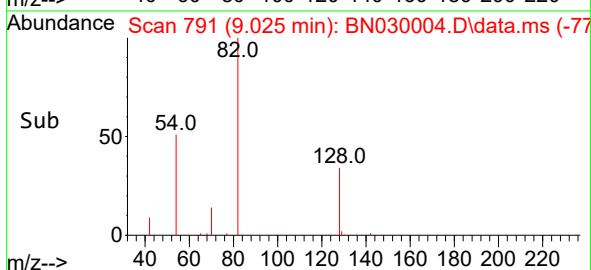
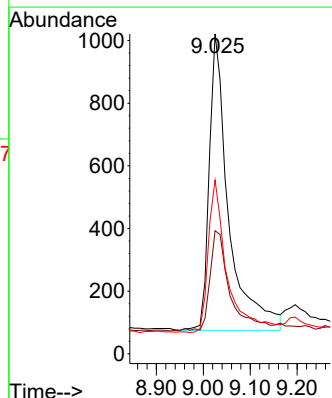
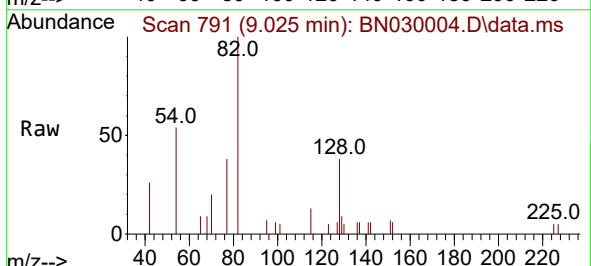
Instrument :
BNA_N
ClientSampleId :
DUP03-20240216

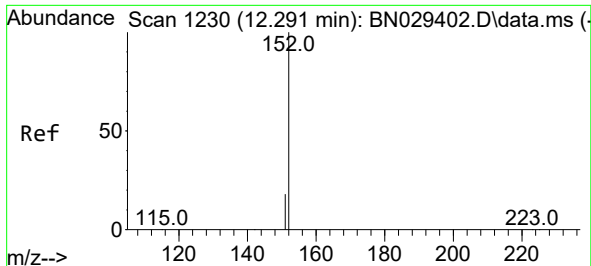
Tgt Ion:	136	Resp:	10530
Ion Ratio	Lower	Upper	
136	100		
137	12.3	9.7	14.5
54	10.4	6.6	10.0#
68	8.6	5.7	8.5#



#8
Nitrobenzene-d5
Concen: 0.311 ng
RT: 9.025 min Scan# 791
Delta R.T. 0.011 min
Lab File: BN030004.D
Acq: 24 Feb 2024 22:08

Tgt Ion:	82	Resp:	2727
Ion Ratio	Lower	Upper	
82	100		
128	38.5	31.6	47.4
54	54.4	38.2	57.4

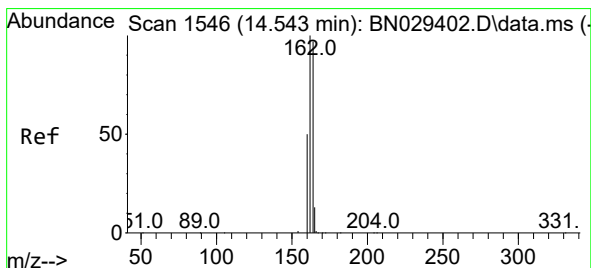
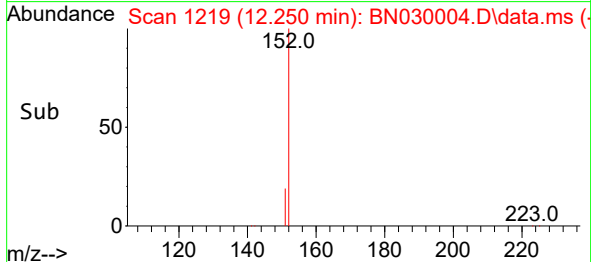
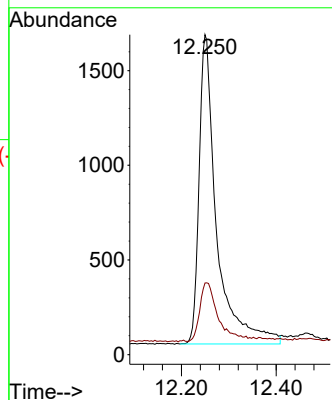
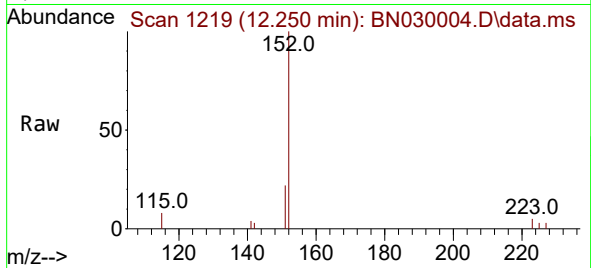




#11
2-Methylnaphthalene-d10
Concen: 0.293 ng
RT: 12.250 min Scan# 11
Delta R.T. 0.004 min
Lab File: BN030004.D
Acq: 24 Feb 2024 22:08

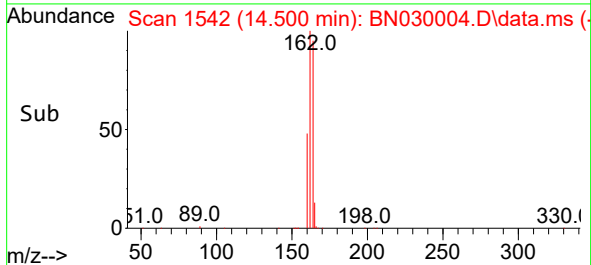
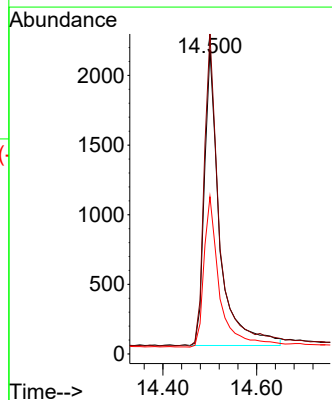
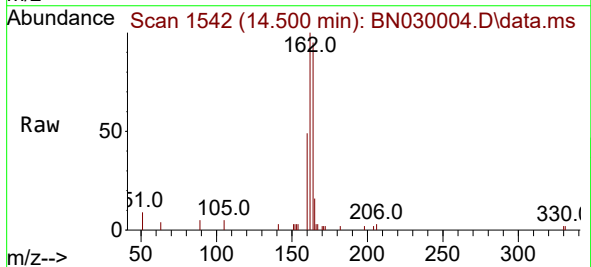
Instrument :
BNA_N
ClientSampleId :
DUP03-20240216

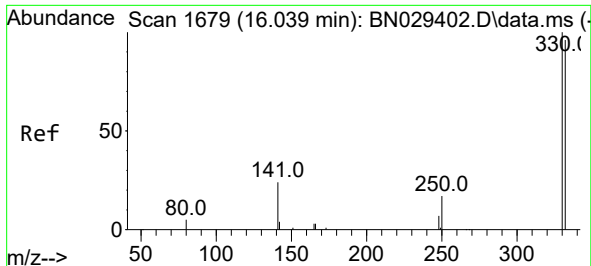
Tgt Ion:152 Resp: 4198
Ion Ratio Lower Upper
152 100
151 19.9 17.1 25.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.500 min Scan# 1542
Delta R.T. 0.011 min
Lab File: BN030004.D
Acq: 24 Feb 2024 22:08

Tgt Ion:164 Resp: 4792
Ion Ratio Lower Upper
164 100
162 105.3 82.6 123.8
160 51.8 41.5 62.3

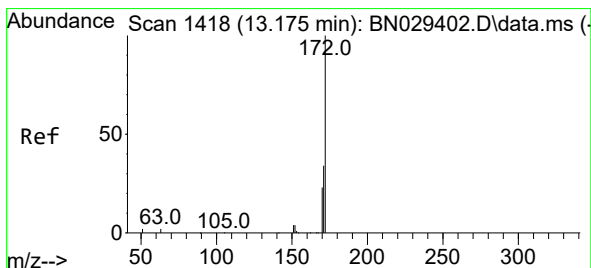
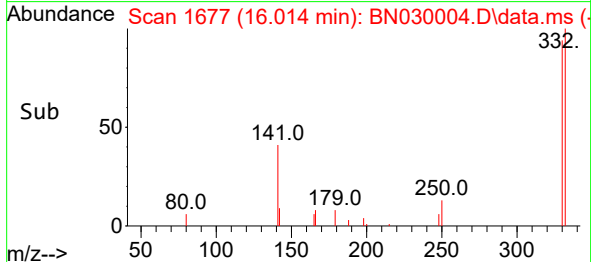
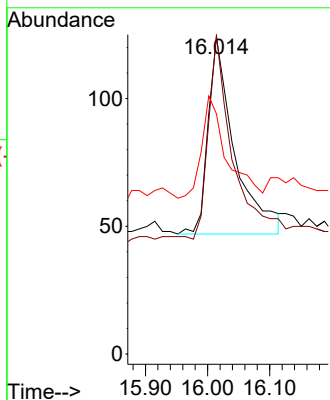
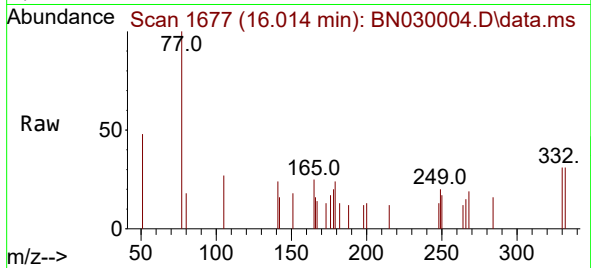




#14
2,4,6-Tribromophenol
Concen: 0.148 ng
RT: 16.014 min Scan# 1
Delta R.T. 0.013 min
Lab File: BN030004.D
Acq: 24 Feb 2024 22:08

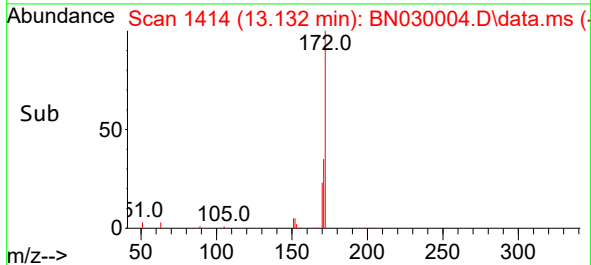
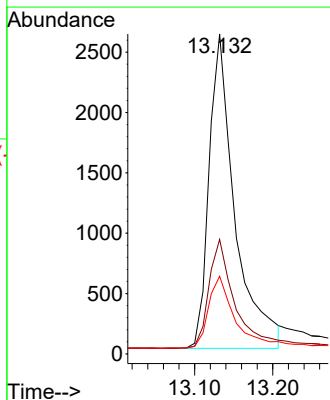
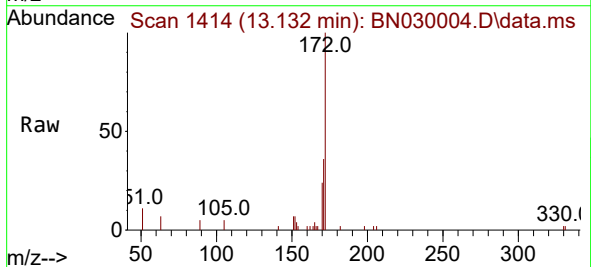
Instrument :
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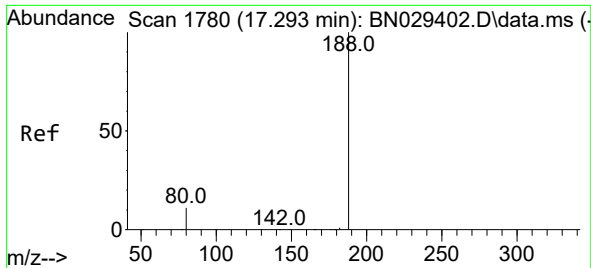
Tgt Ion:330 Resp: 228
Ion Ratio Lower Upper
330 100
332 89.0 76.0 114.0
141 48.7 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.290 ng
RT: 13.132 min Scan# 1414
Delta R.T. 0.011 min
Lab File: BN030004.D
Acq: 24 Feb 2024 22:08

Tgt Ion:172 Resp: 5970
Ion Ratio Lower Upper
172 100
171 35.8 28.0 42.0
170 24.3 18.7 28.1

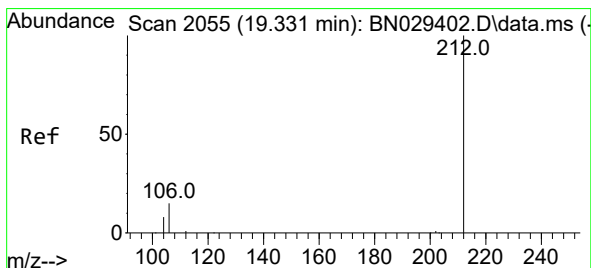
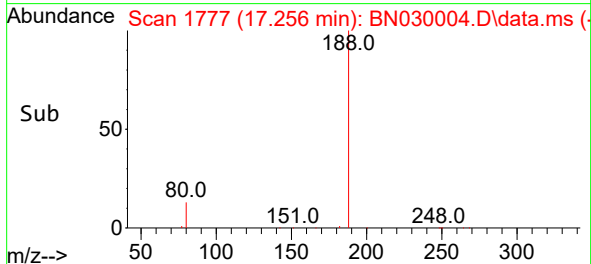
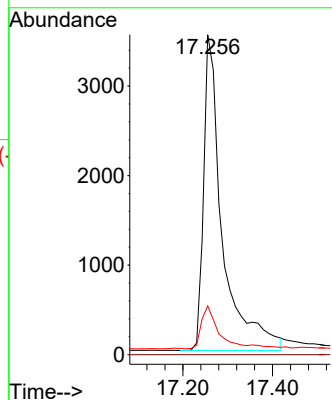
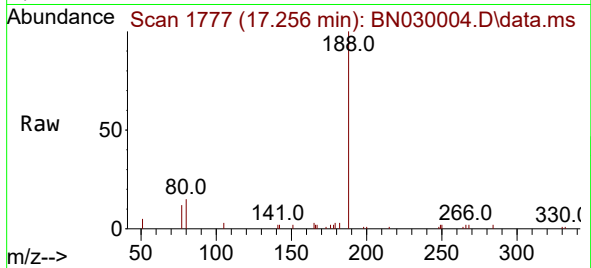




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.256 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN030004.D
Acq: 24 Feb 2024 22:08

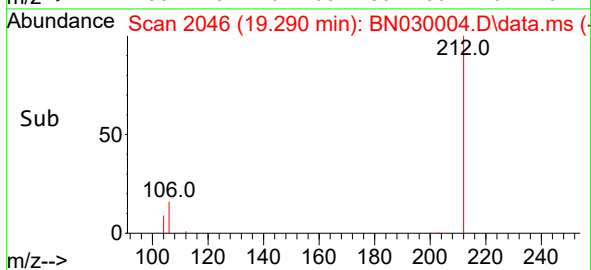
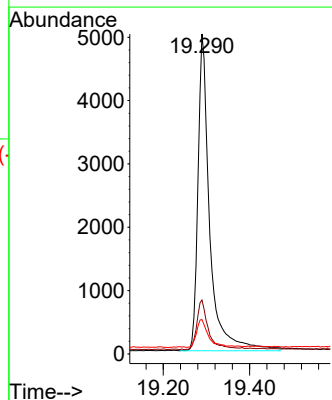
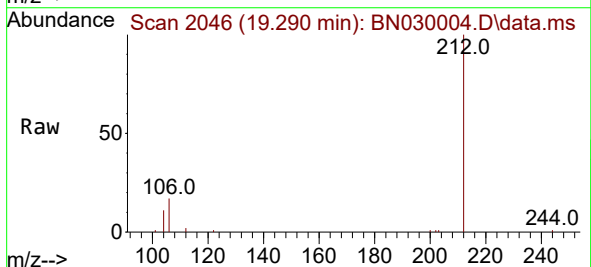
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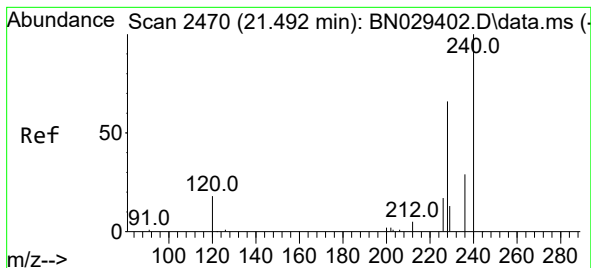
Tgt Ion:188 Resp: 10226
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.3 10.0 15.0#



#27
Fluoranthene-d10
Concen: 0.381 ng
RT: 19.290 min Scan# 2046
Delta R.T. 0.000 min
Lab File: BN030004.D
Acq: 24 Feb 2024 22:08

Tgt Ion:212 Resp: 9441
Ion Ratio Lower Upper
212 100
106 15.2 13.2 19.8
104 8.8 7.7 11.5





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.456 min Scan# 2466

Delta R.T. 0.000 min

Lab File: BN030004.D

Acq: 24 Feb 2024 22:08

Instrument :

BNA_N

ClientSampleId :

DUP03-20240216

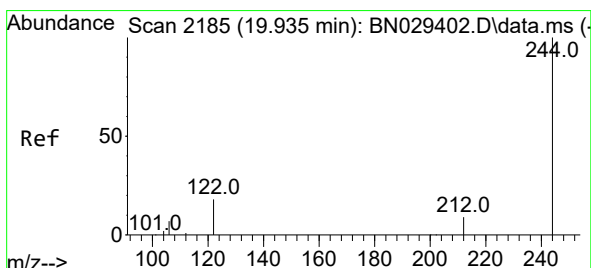
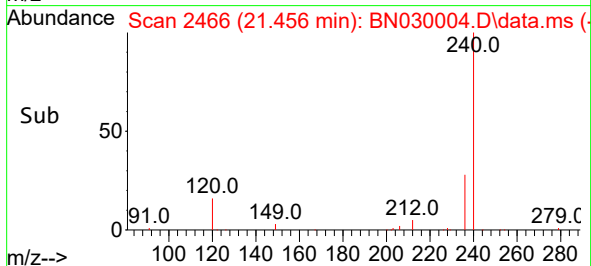
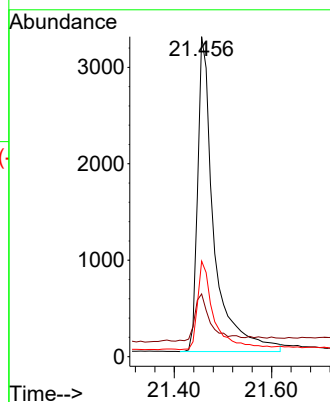
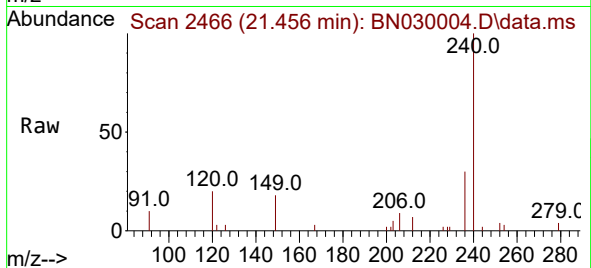
Tgt Ion:240 Resp: 7609

Ion Ratio Lower Upper

240 100

120 19.6 16.7 25.1

236 29.8 23.9 35.9



#31

Terphenyl-d14

Concen: 0.394 ng

RT: 19.898 min Scan# 2177

Delta R.T. 0.000 min

Lab File: BN030004.D

Acq: 24 Feb 2024 22:08

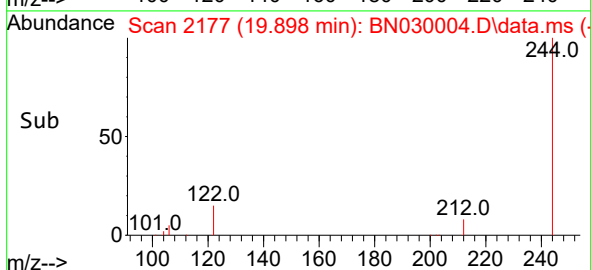
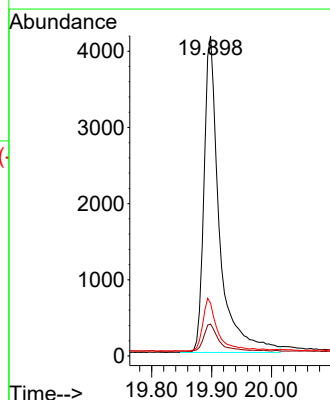
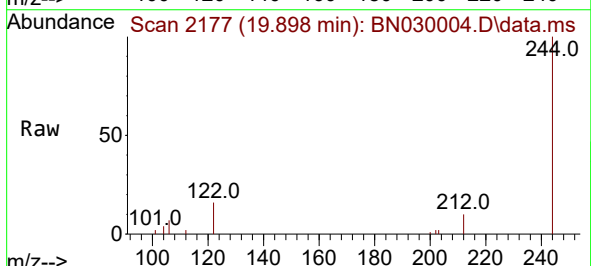
Tgt Ion:244 Resp: 7436

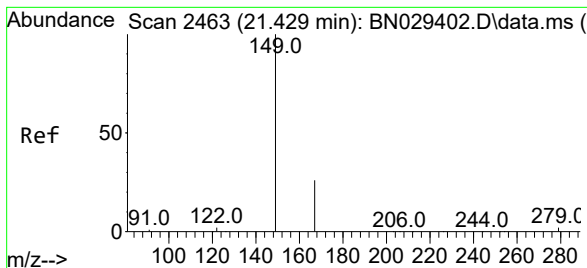
Ion Ratio Lower Upper

244 100

212 10.0 8.2 12.4

122 16.5 15.6 23.4

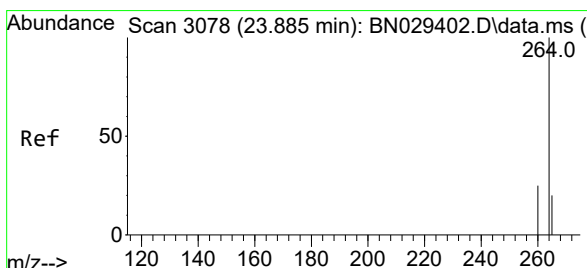
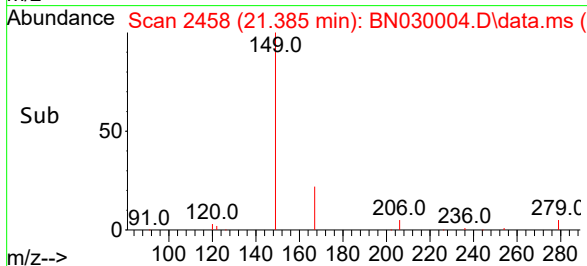
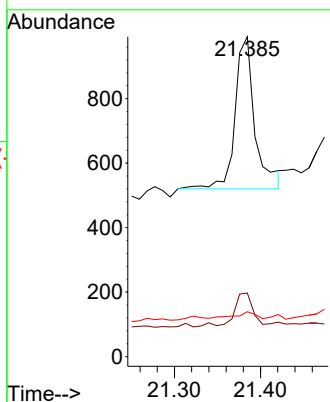
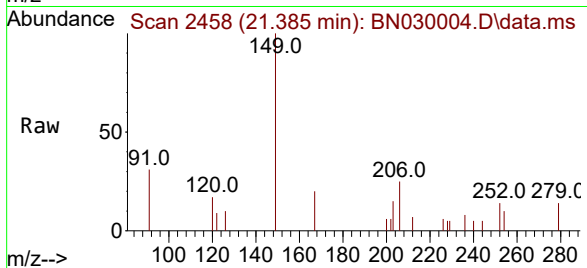




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.043 ng
 RT: 21.385 min Scan# 2463
 Delta R.T. 0.000 min
 Lab File: BN030004.D
 Acq: 24 Feb 2024 22:08

Instrument :
 BNA_N
 ClientSampleId :
 DUP03-20240216

Tgt Ion:149 Resp: 760
 Ion Ratio Lower Upper
 149 100
 167 22.2 20.1 30.1
 279 5.0 2.5 3.7#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.824 min Scan# 3057
 Delta R.T. 0.003 min
 Lab File: BN030004.D
 Acq: 24 Feb 2024 22:08

Tgt Ion:264 Resp: 7209
 Ion Ratio Lower Upper
 264 100
 260 27.1 21.2 31.8
 265 78.2 41.5 62.3#

