

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022624\
 Data File : BN030083.D
 Acq On : 27 Feb 2024 07:27
 Operator : MA/JU
 Sample : P1578-14
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE122D3-20240221

Quant Time: Feb 27 07:53:23 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)

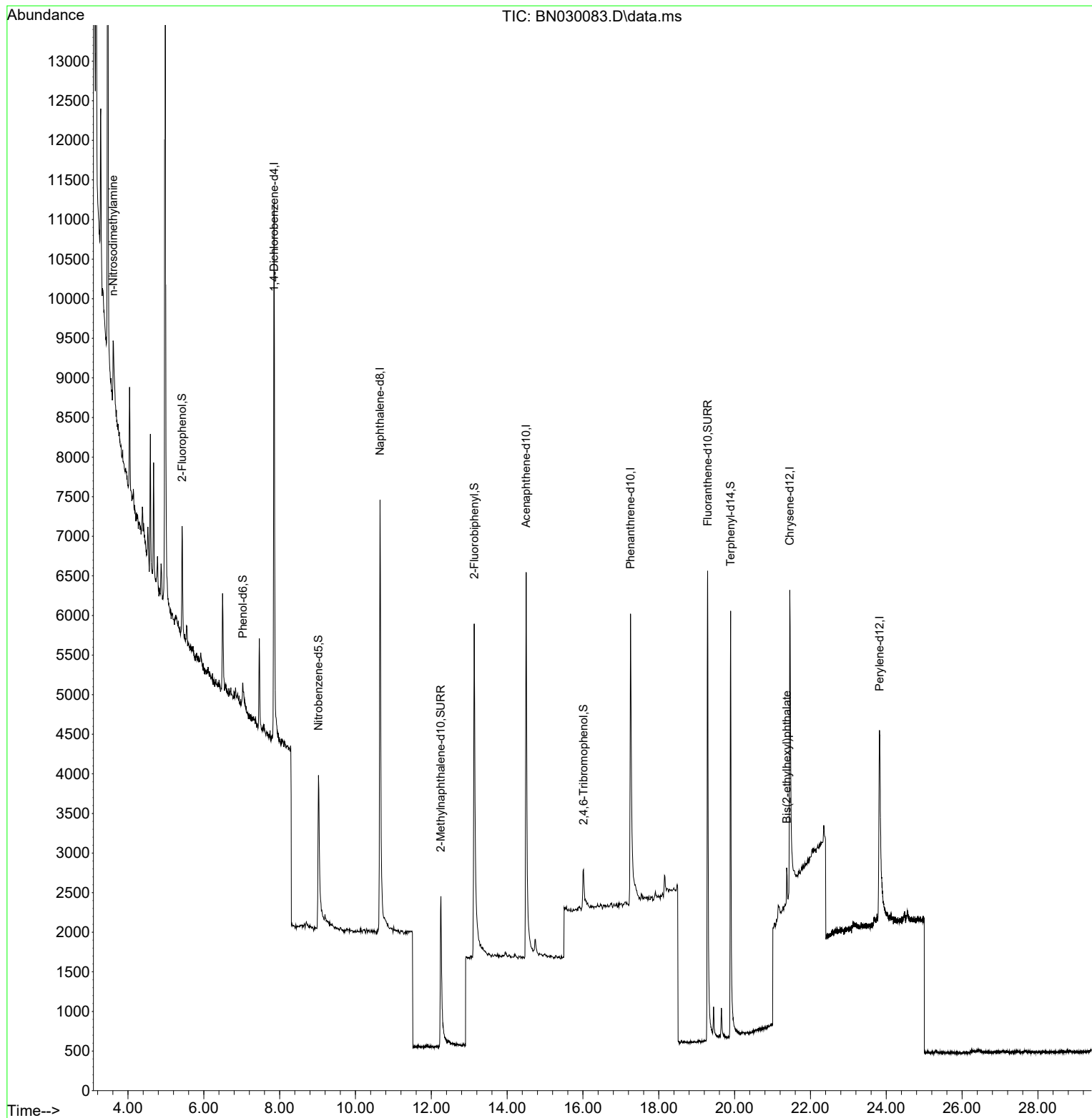
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	3749	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	9619	0.400	ng	# 0.00
13) Acenaphthene-d10	14.500	164	4241	0.400	ng	0.01
19) Phenanthrene-d10	17.255	188	8532	0.400	ng	# 0.00
29) Chrysene-d12	21.456	240	6336	0.400	ng	0.00
35) Perylene-d12	23.823	264	5893	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.428	112	1161	0.129	ng	0.00
5) Phenol-d6	7.031	99	587	0.056	ng	0.00
8) Nitrobenzene-d5	9.025	82	2951	0.368	ng	0.01
11) 2-Methylnaphthalene-d10	12.253	152	4477	0.342	ng	0.00
14) 2,4,6-Tribromophenol	16.014	330	490	0.360	ng	0.01
15) 2-Fluorobiphenyl	13.132	172	6115	0.336	ng	0.01
27) Fluoranthene-d10	19.289	212	9246	0.447	ng	0.00
31) Terphenyl-d14	19.893	244	7025	0.447	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.608	42	289	0.067	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.375	149	538	0.036	ng	# 98

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

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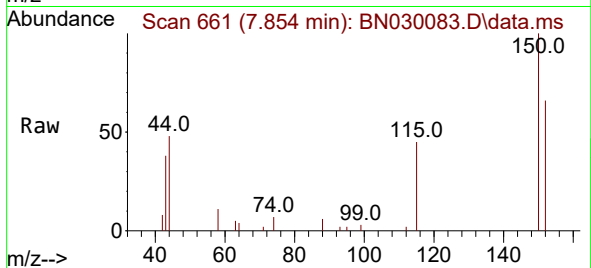
Quant Time: Feb 27 07:53:23 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 26 02:39:45 2024
Response via : Initial Calibration



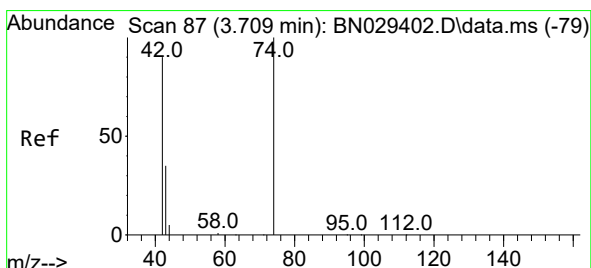
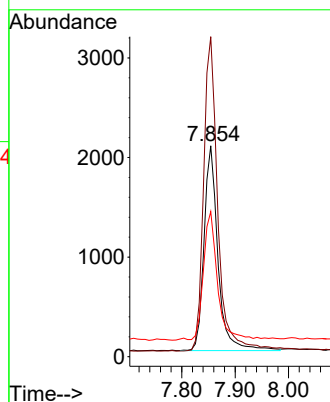
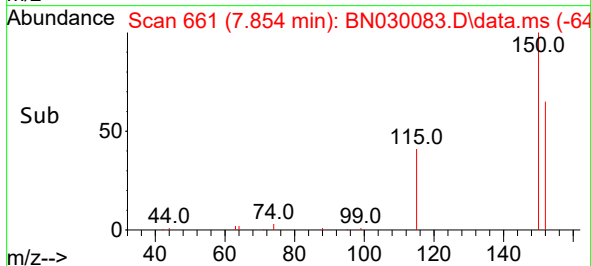


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.854 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN030083.D
Acq: 27 Feb 2024 07:27

Instrument :
BNA_N
ClientSampleId :
RE122D3-20240221

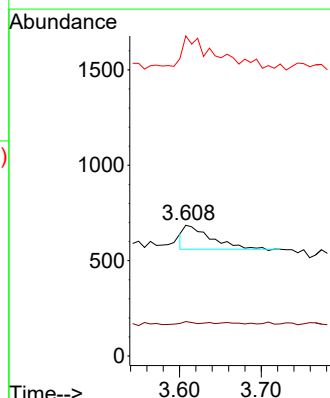
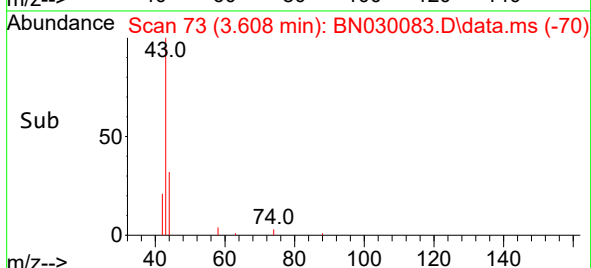
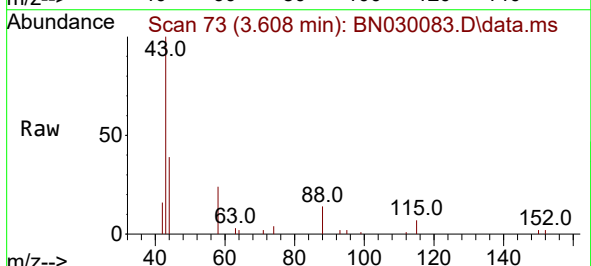


Tgt Ion:152 Resp: 3749
Ion Ratio Lower Upper
152 100
150 151.7 123.0 184.4
115 68.8 51.4 77.0



#3
n-Nitrosodimethylamine
Concen: 0.067 ng
RT: 3.608 min Scan# 73
Delta R.T. -0.079 min
Lab File: BN030083.D
Acq: 27 Feb 2024 07:27

Tgt Ion: 42 Resp: 289
Ion Ratio Lower Upper
42 100
74 2.4 93.7 140.5#
44 101.7 13.0 19.4#

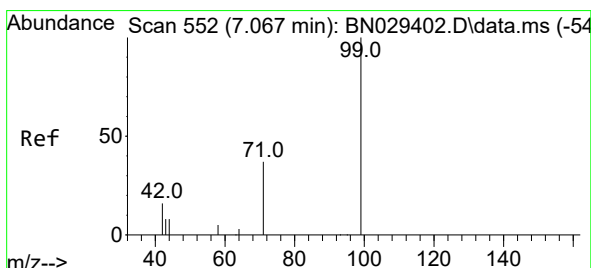
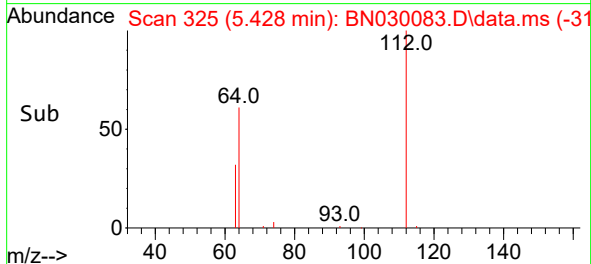
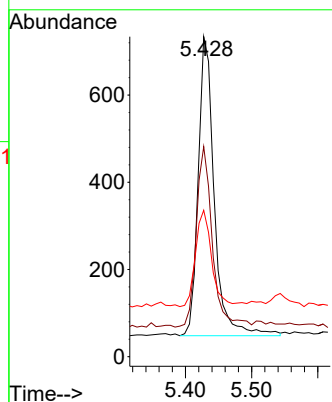
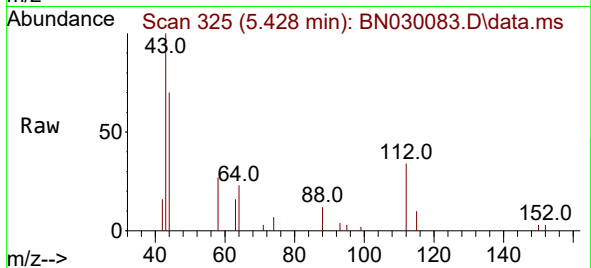




#4
2-Fluorophenol
Concen: 0.129 ng
RT: 5.428 min Scan# 311
Delta R.T. -0.000 min
Lab File: BN030083.D
Acq: 27 Feb 2024 07:27

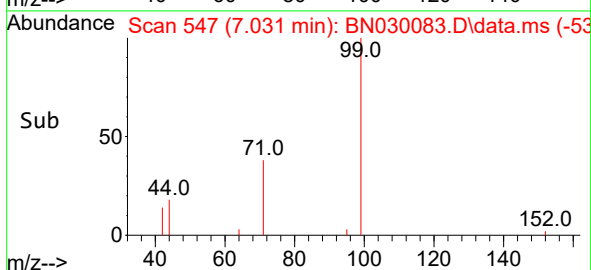
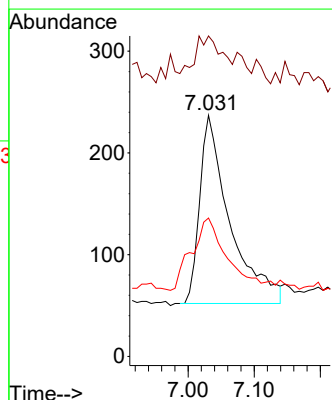
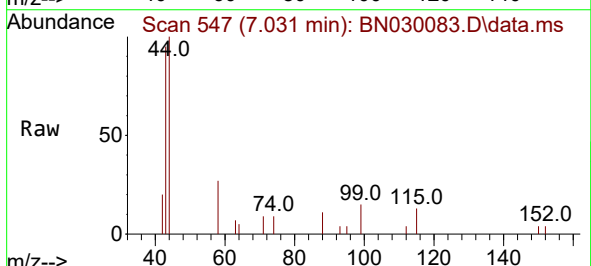
Instrument :
BNA_N
ClientSampleId :
RE122D3-20240221

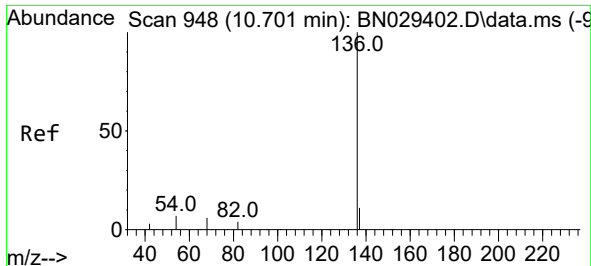
Tgt Ion:112 Resp: 1161
Ion Ratio Lower Upper
112 100
64 60.4 47.2 70.8
63 32.2 25.8 38.6



#5
Phenol-d6
Concen: 0.056 ng
RT: 7.031 min Scan# 547
Delta R.T. 0.007 min
Lab File: BN030083.D
Acq: 27 Feb 2024 07:27

Tgt Ion: 99 Resp: 587
Ion Ratio Lower Upper
99 100
42 24.0 16.9 25.3
71 45.0 30.0 45.0

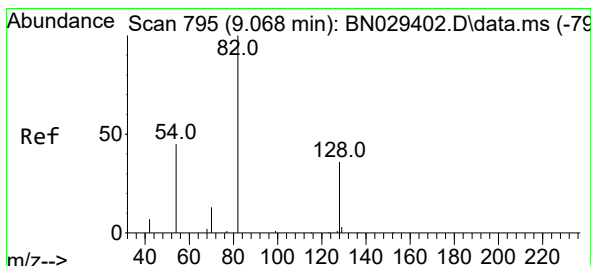
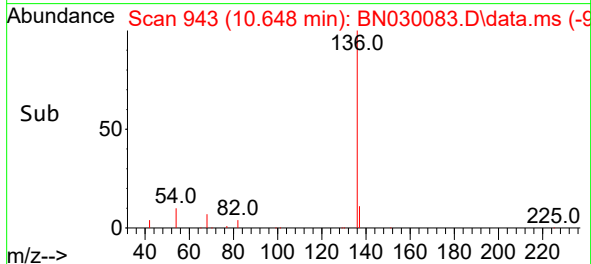
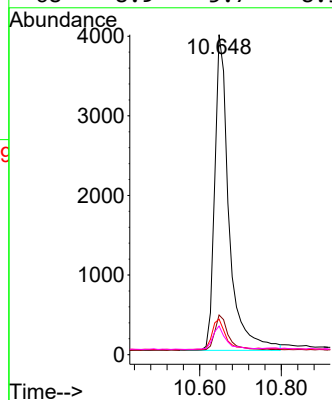
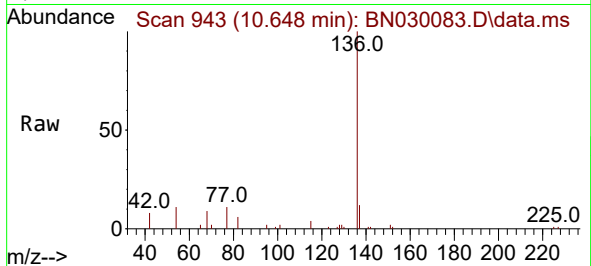




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 948
Delta R.T. -0.000 min
Lab File: BN030083.D
Acq: 27 Feb 2024 07:27

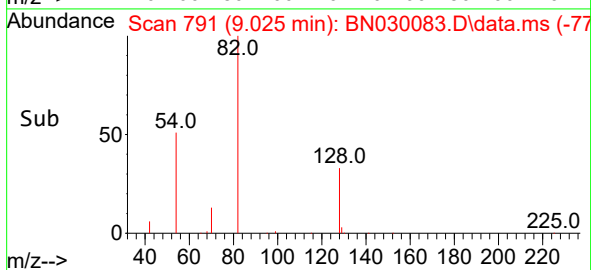
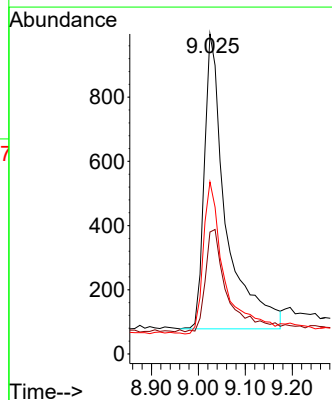
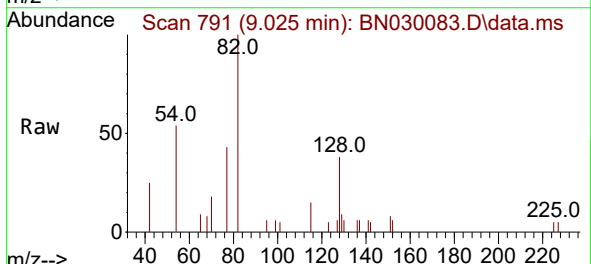
Instrument :
BNA_N
ClientSampleId :
RE122D3-20240221

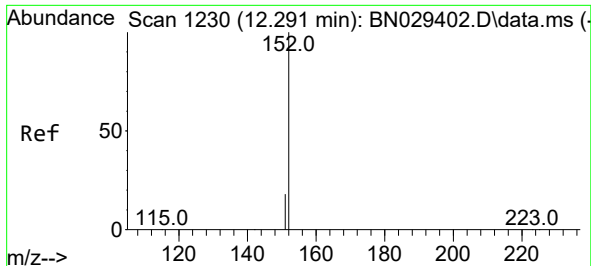
Tgt Ion:136	Resp:	9619
Ion Ratio	Lower	Upper
136	100	
137	12.4	9.7 14.5
54	11.1	6.6 10.0#
68	8.9	5.7 8.5#



#8
Nitrobenzene-d5
Concen: 0.368 ng
RT: 9.025 min Scan# 791
Delta R.T. 0.011 min
Lab File: BN030083.D
Acq: 27 Feb 2024 07:27

Tgt Ion: 82	Resp:	2951
Ion Ratio	Lower	Upper
82	100	
128	38.1	31.6 47.4
54	53.8	38.2 57.4

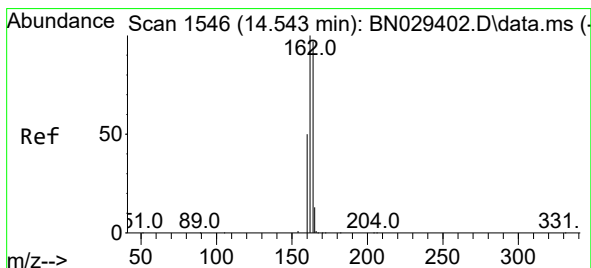
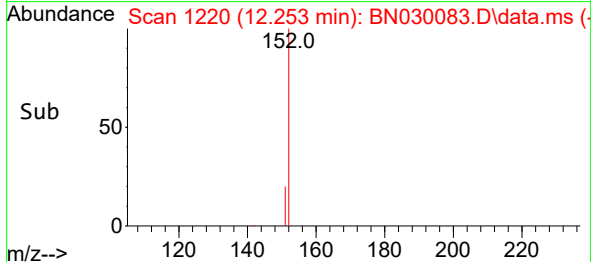
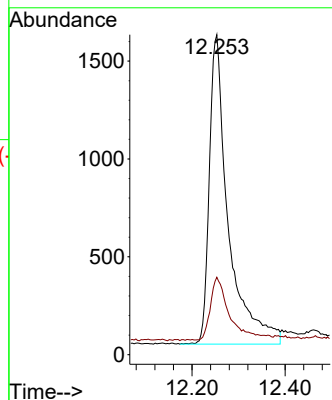
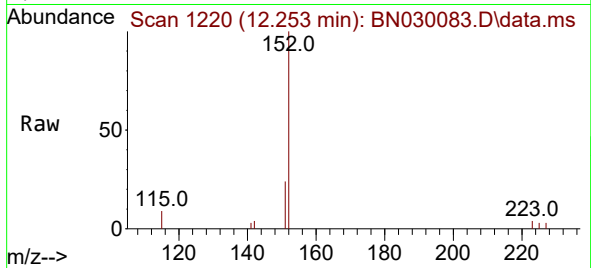




#11
2-Methylnaphthalene-d10
Concen: 0.342 ng
RT: 12.253 min Scan# 11
Delta R.T. 0.008 min
Lab File: BN030083.D
Acq: 27 Feb 2024 07:27

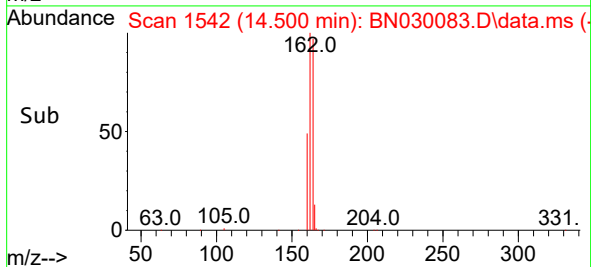
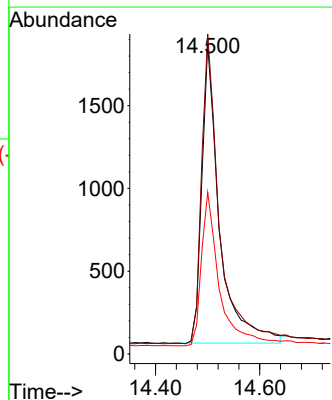
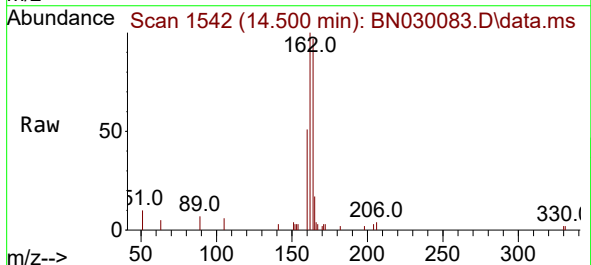
Instrument :
BNA_N
ClientSampleId :
RE122D3-20240221

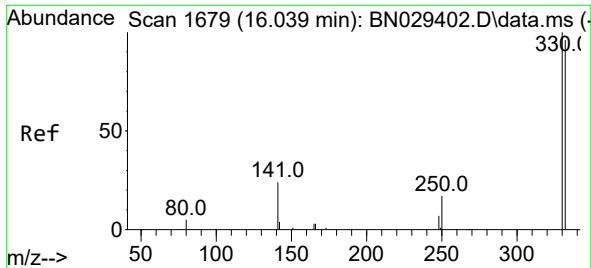
Tgt Ion:152 Resp: 4477
Ion Ratio Lower Upper
152 100
151 20.6 17.1 25.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.500 min Scan# 1542
Delta R.T. 0.011 min
Lab File: BN030083.D
Acq: 27 Feb 2024 07:27

Tgt Ion:164 Resp: 4241
Ion Ratio Lower Upper
164 100
162 103.4 82.6 123.8
160 52.3 41.5 62.3

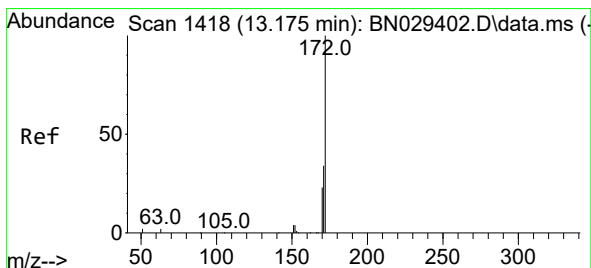
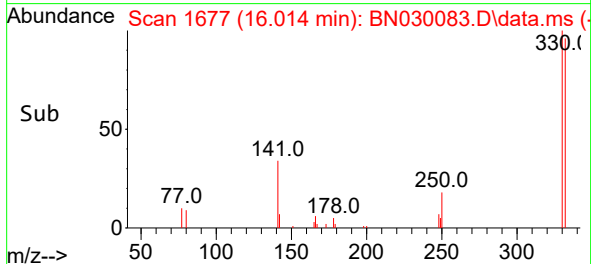
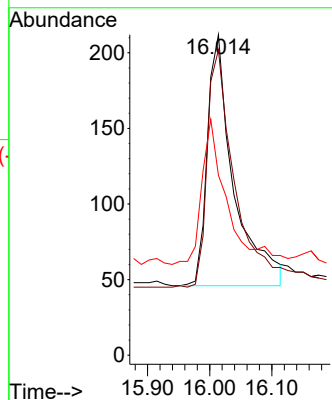
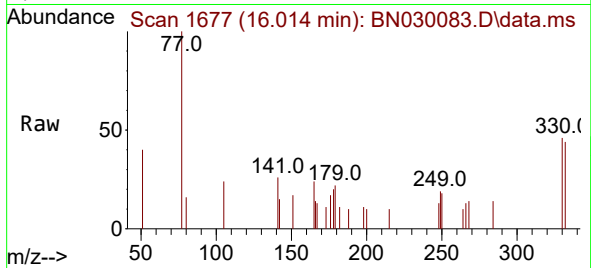




#14
2,4,6-Tribromophenol
Concen: 0.360 ng
RT: 16.014 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN030083.D
Acq: 27 Feb 2024 07:27

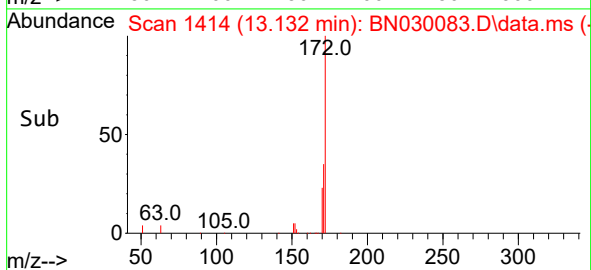
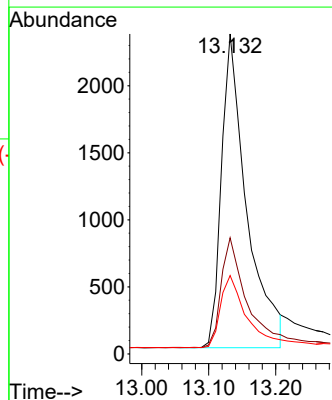
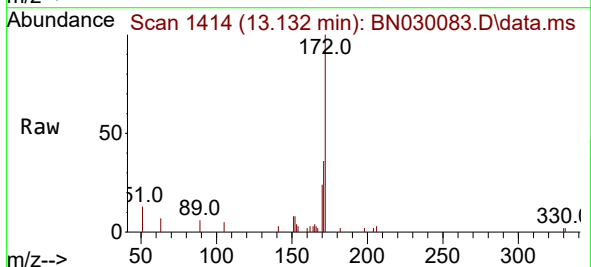
Instrument :
BNA_N
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RE122D3-20240221

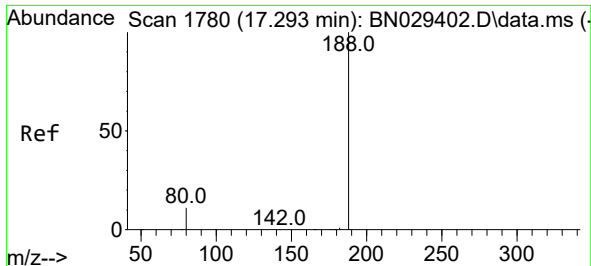
Tgt Ion:330 Resp: 490
Ion Ratio Lower Upper
330 100
332 96.5 76.0 114.0
141 53.9 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.336 ng
RT: 13.132 min Scan# 1414
Delta R.T. 0.011 min
Lab File: BN030083.D
Acq: 27 Feb 2024 07:27

Tgt Ion:172 Resp: 6115
Ion Ratio Lower Upper
172 100
171 36.3 28.0 42.0
170 24.5 18.7 28.1

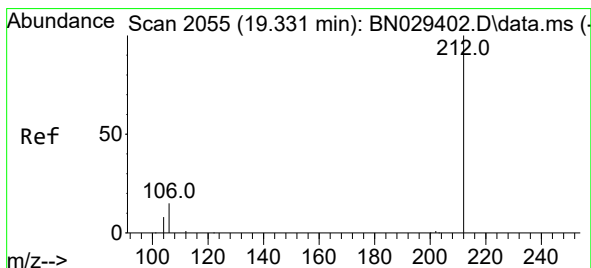
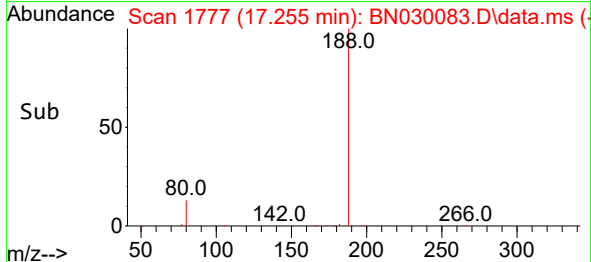
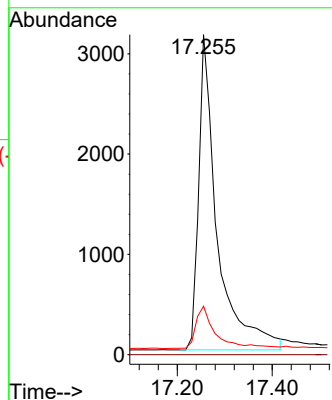
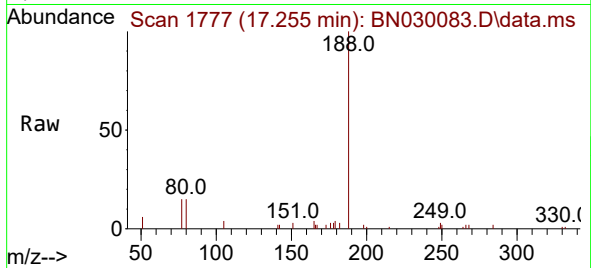




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.255 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN030083.D
Acq: 27 Feb 2024 07:27

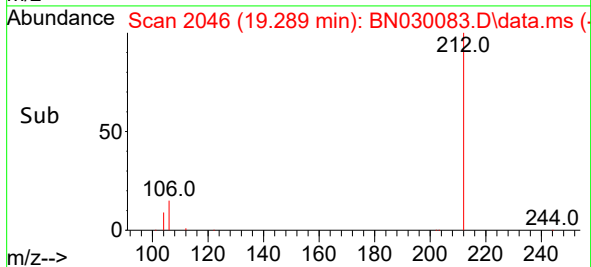
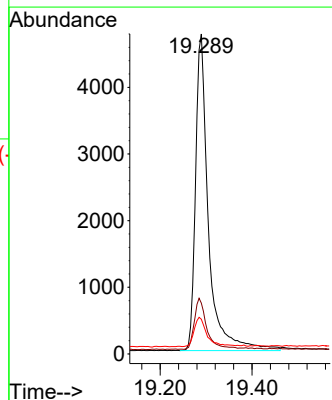
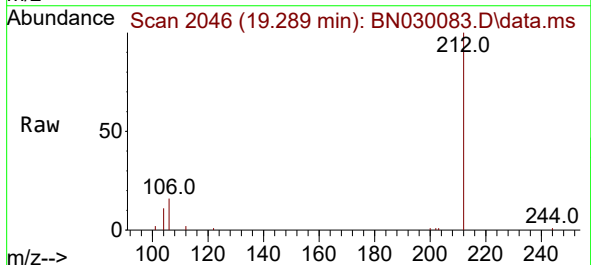
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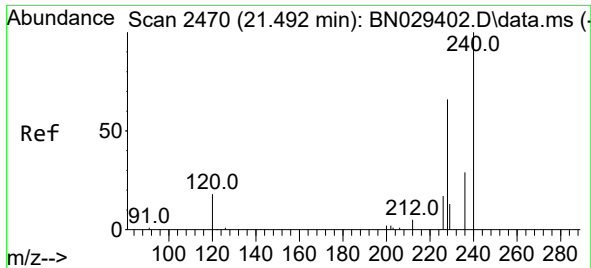
Tgt Ion:188 Resp: 8532
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.2 10.0 15.0#



#27
Fluoranthene-d10
Concen: 0.447 ng
RT: 19.289 min Scan# 2046
Delta R.T. -0.000 min
Lab File: BN030083.D
Acq: 27 Feb 2024 07:27

Tgt Ion:212 Resp: 9246
Ion Ratio Lower Upper
212 100
106 15.4 13.2 19.8
104 9.3 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: BN030083.D

Acq: 27 Feb 2024 07:27

Instrument :

BNA_N

ClientSampleId :

RE122D3-20240221

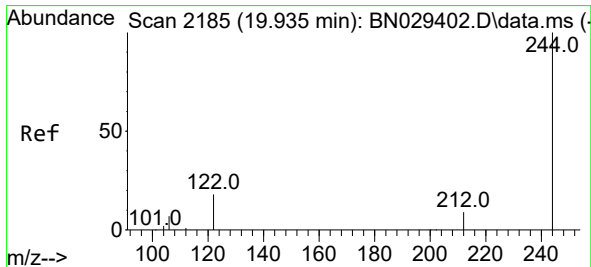
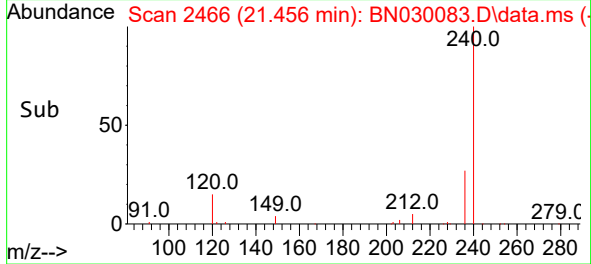
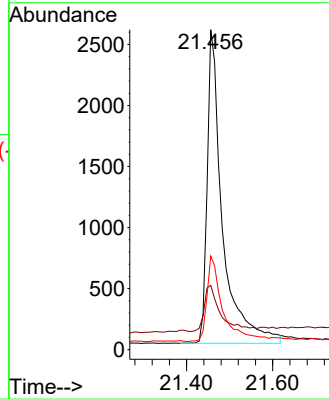
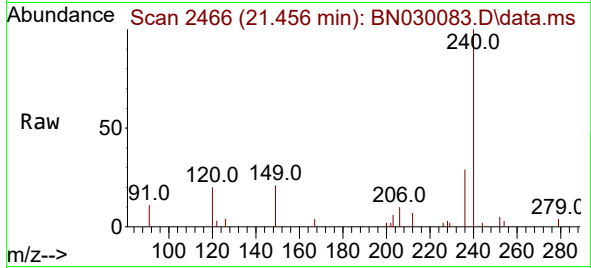
Tgt Ion:240 Resp: 6336

Ion Ratio Lower Upper

240 100

120 20.1 16.7 25.1

236 29.2 23.9 35.9



#31

Terphenyl-d14

Concen: 0.447 ng

RT: 19.893 min Scan# 2176

Delta R.T. -0.005 min

Lab File: BN030083.D

Acq: 27 Feb 2024 07:27

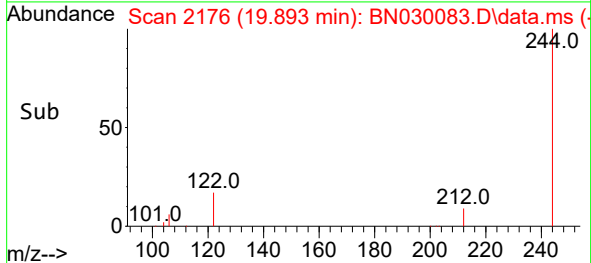
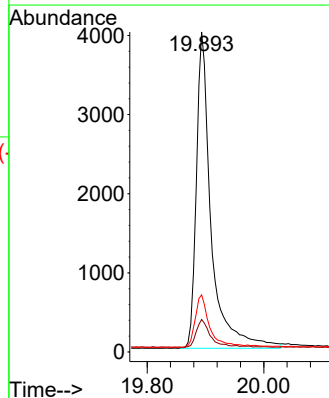
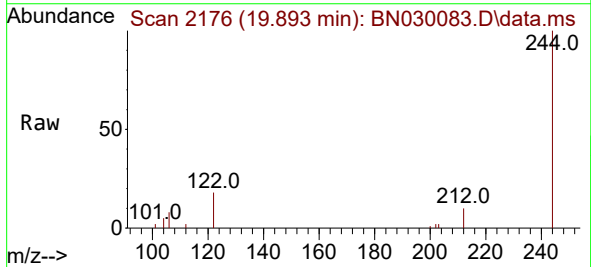
Tgt Ion:244 Resp: 7025

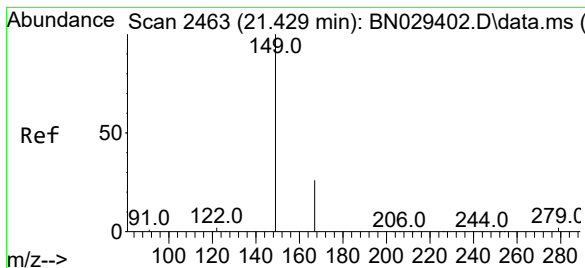
Ion Ratio Lower Upper

244 100

212 10.2 8.2 12.4

122 17.9 15.6 23.4

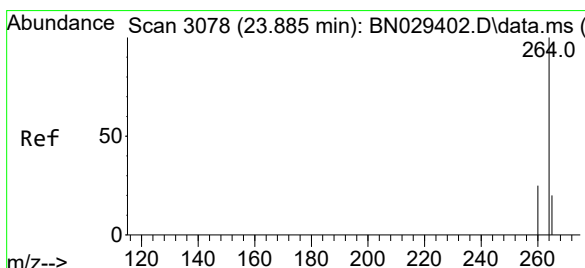
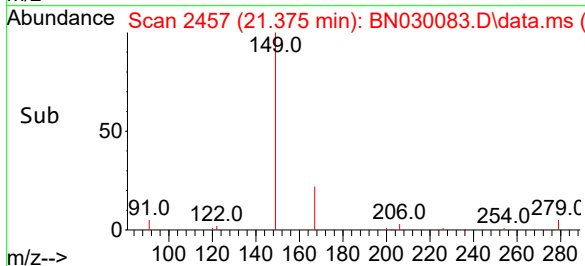
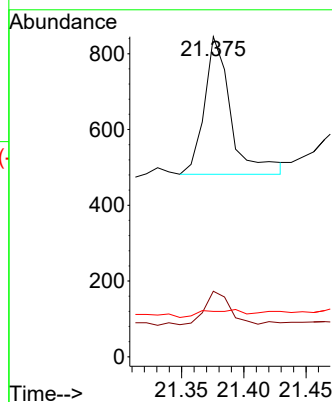
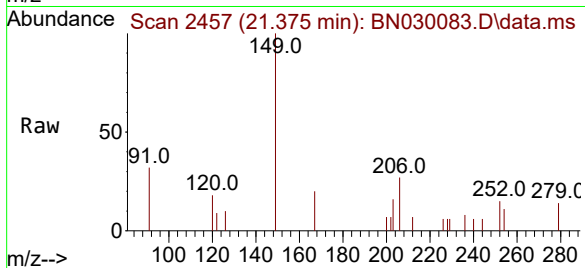




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.036 ng
 RT: 21.375 min Scan# 2463
 Delta R.T. -0.009 min
 Lab File: BN030083.D
 Acq: 27 Feb 2024 07:27

Instrument :
 BNA_N
 ClientSampleId :
 RE122D3-20240221

Tgt Ion:149 Resp: 538
 Ion Ratio Lower Upper
 149 100
 167 24.7 20.1 30.1
 279 8.4 2.5 3.7#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.823 min Scan# 3057
 Delta R.T. 0.003 min
 Lab File: BN030083.D
 Acq: 27 Feb 2024 07:27

Tgt Ion:264 Resp: 5893
 Ion Ratio Lower Upper
 264 100
 260 27.3 21.2 31.8
 265 84.7 41.5 62.3#

