

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051723\
 Data File : BN025456.D
 Acq On : 17 May 2023 16:54
 Operator : CG/JU
 Sample : PB152856BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB152856BL

Quant Time: May 18 03:40:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 03:36:39 2023
 Response via : Initial Calibration

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

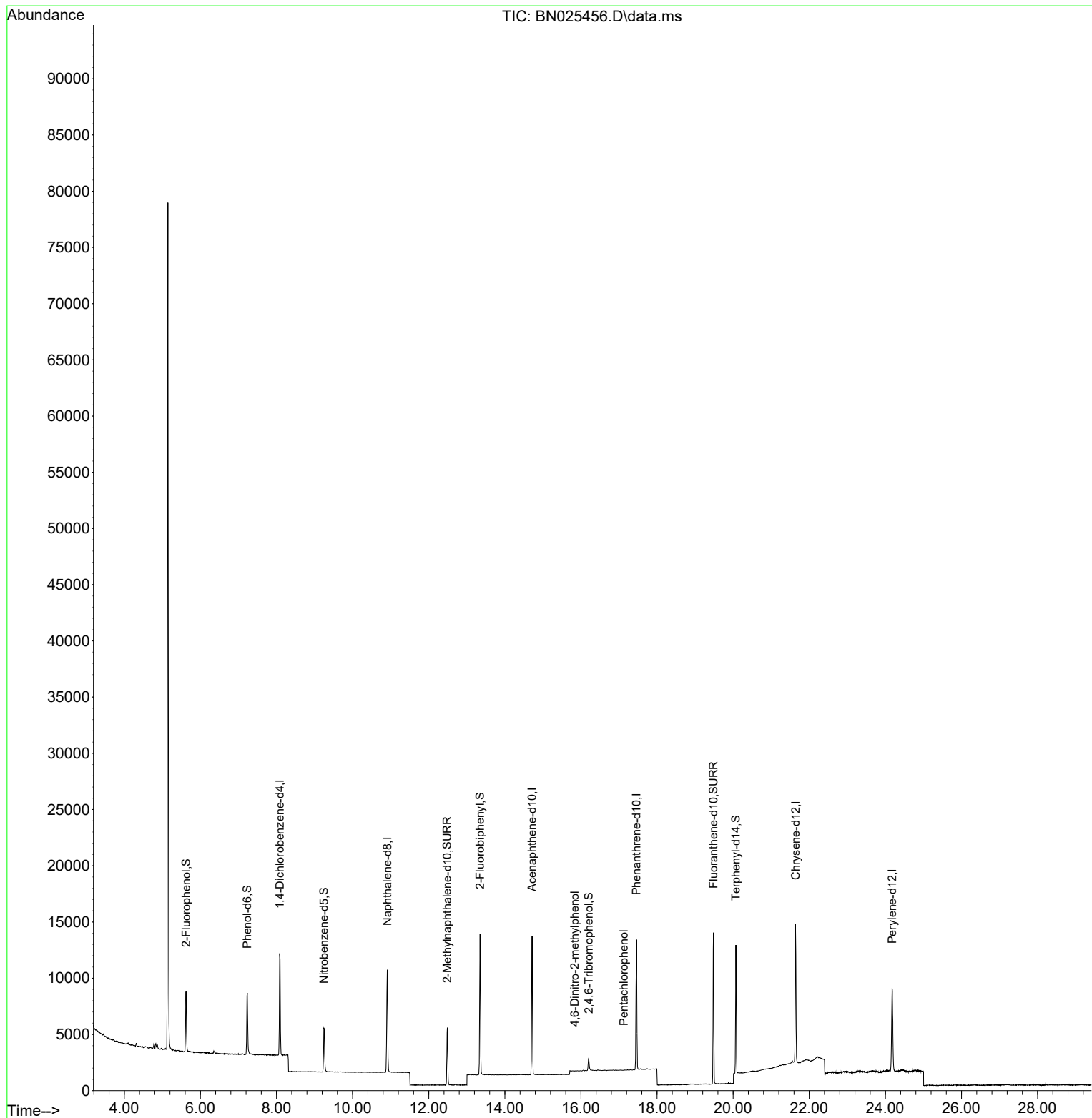
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.084	152	4626	0.400	ng	0.00
7) Naphthalene-d8	10.910	136	12410	0.400	ng	0.00
13) Acenaphthene-d10	14.715	164	6767	0.400	ng	0.00
19) Phenanthrene-d10	17.460	188	15502	0.400	ng	# 0.00
29) Chrysene-d12	21.638	240	11582	0.400	ng	0.00
35) Perylene-d12	24.177	264	11900	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.621	112	4566	0.460	ng	0.00
5) Phenol-d6	7.232	99	5783	0.434	ng	0.00
8) Nitrobenzene-d5	9.244	82	3655	0.431	ng	0.00
11) 2-Methylnaphthalene-d10	12.487	152	6890	0.397	ng	0.00
14) 2,4,6-Tribromophenol	16.206	330	812	0.354	ng	0.01
15) 2-Fluorobiphenyl	13.347	172	10628	0.429	ng	0.00
27) Fluoranthene-d10	19.481	212	14603	0.396	ng	0.00
31) Terphenyl-d14	20.071	244	9290	0.441	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.801	42	16	Below Cal	#	61
6) bis(2-Chloroethyl)ether	7.514	93	13	Below Cal	#	55
20) 4,6-Dinitro-2-methylph...	15.834	198	5	0.135	ng	# 1
24) Pentachlorophenol	17.124	266	1	0.205	ng	# 1

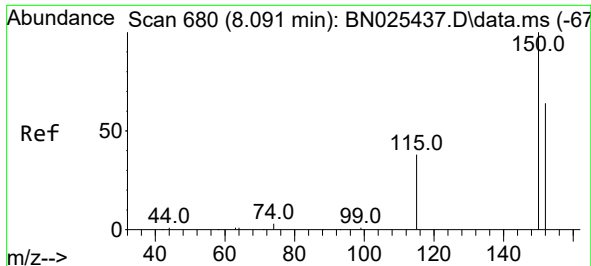
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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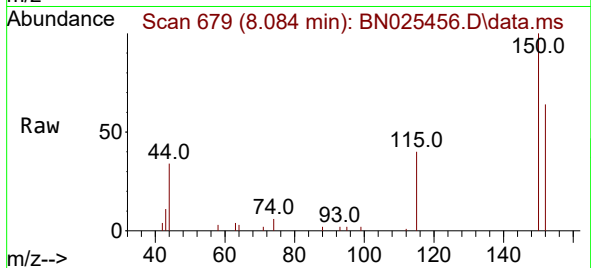
Quant Time: May 18 03:40:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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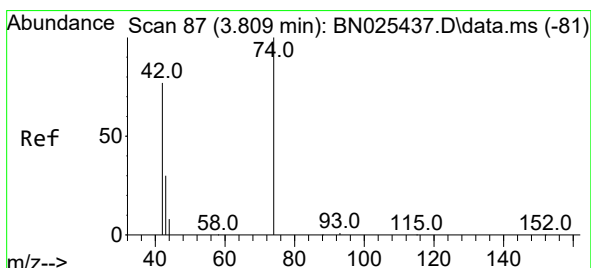
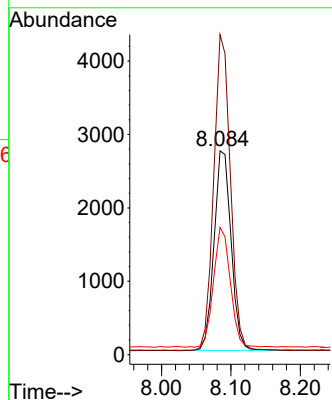
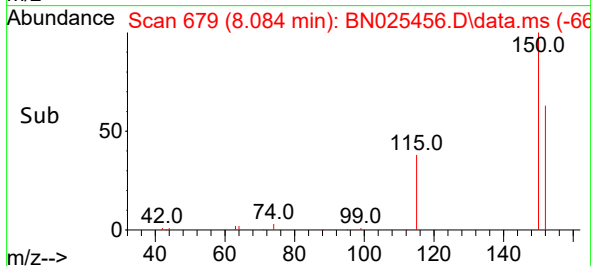


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.084 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN025456.D
Acq: 17 May 2023 16:54

Instrument :
BNA_N
ClientSampleId :
PB152856BL

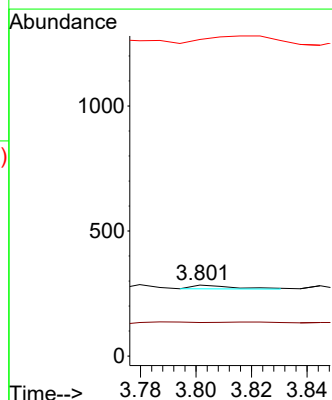
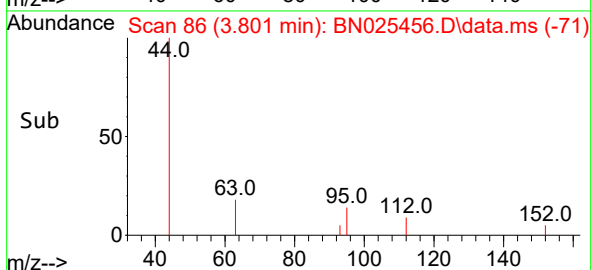
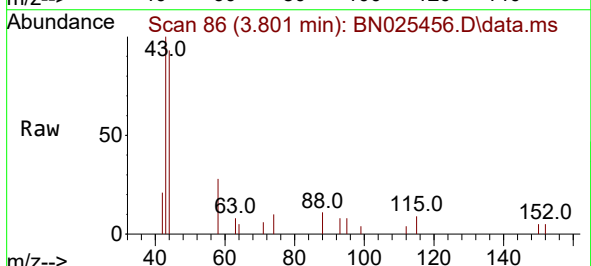


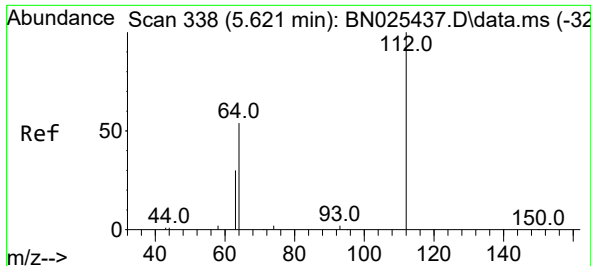
Tgt Ion:152 Resp: 4626
Ion Ratio Lower Upper
152 100
150 156.9 123.7 185.5
115 62.4 50.0 75.0



#3
n-Nitrosodimethylamine
Concen: Below Cal
RT: 3.801 min Scan# 86
Delta R.T. 0.007 min
Lab File: BN025456.D
Acq: 17 May 2023 16:54

Tgt Ion: 42 Resp: 16
Ion Ratio Lower Upper
42 100
74 81.3 100.1 150.1#
44 0.0 0.0 0.0





#4

2-Fluorophenol

Concen: 0.460 ng

RT: 5.621 min Scan# 31

Delta R.T. 0.007 min

Lab File: BN025456.D

Acq: 17 May 2023 16:54

Instrument :

BNA_N

ClientSampleId :

PB152856BL

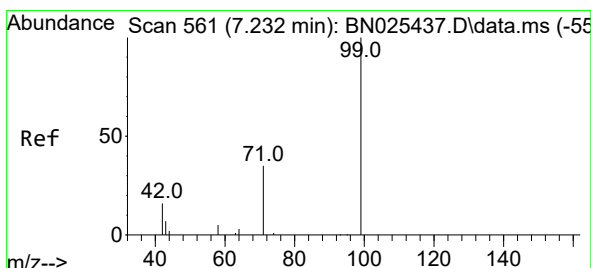
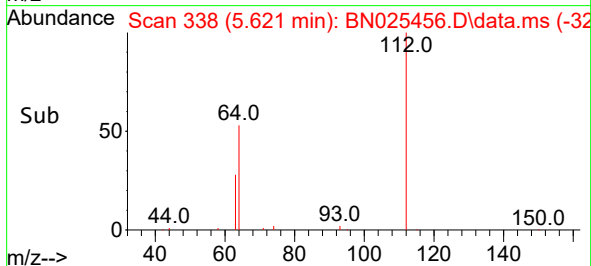
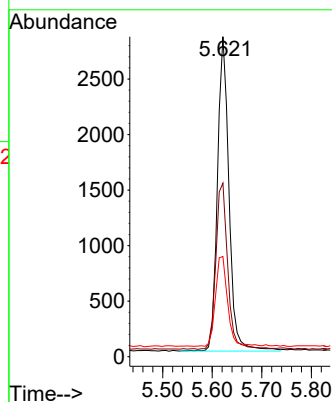
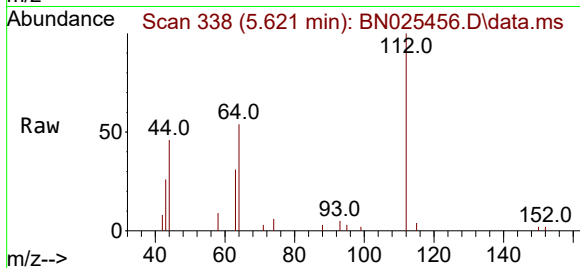
Tgt Ion:112 Resp: 4566

Ion Ratio Lower Upper

112 100

64 54.8 43.9 65.9

63 30.0 25.0 37.4



#5

Phenol-d6

Concen: 0.434 ng

RT: 7.232 min Scan# 561

Delta R.T. 0.007 min

Lab File: BN025456.D

Acq: 17 May 2023 16:54

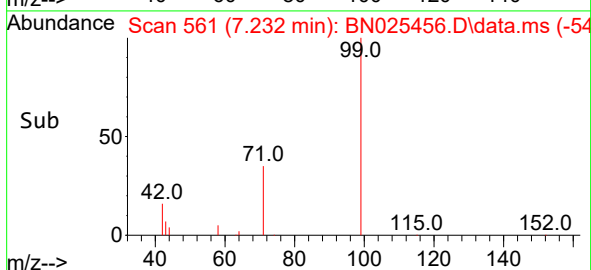
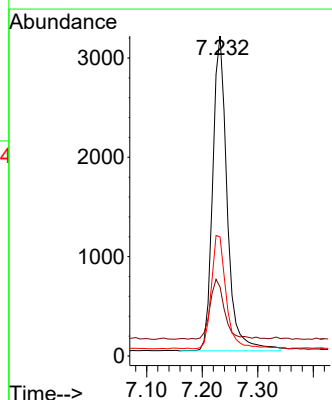
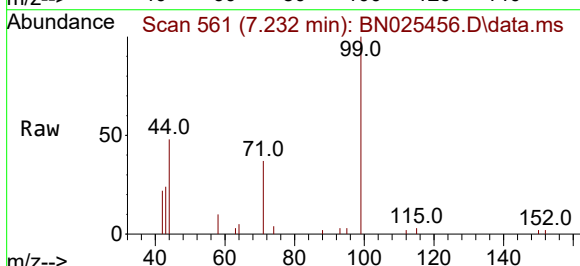
Tgt Ion: 99 Resp: 5783

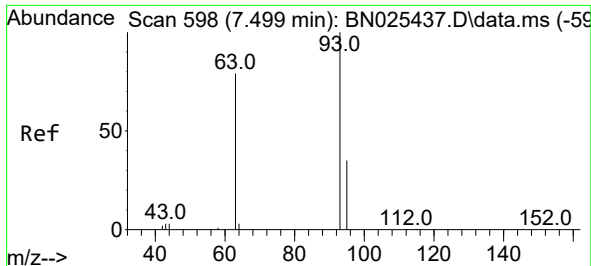
Ion Ratio Lower Upper

99 100

42 19.1 16.4 24.6

71 36.9 29.4 44.0

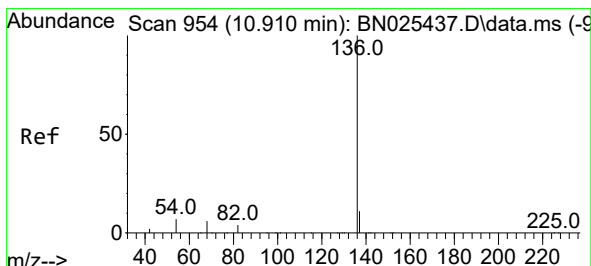
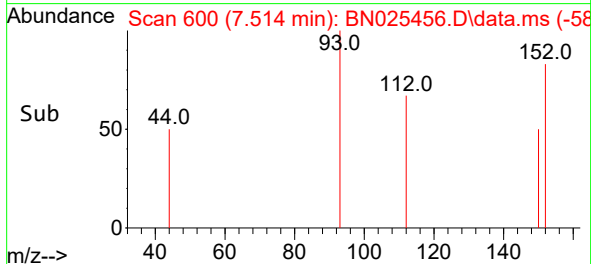
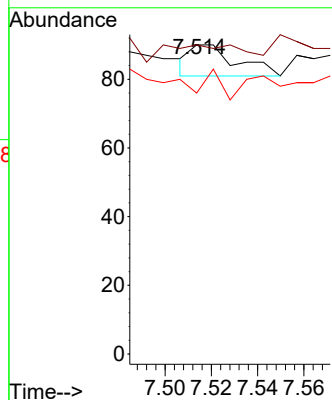
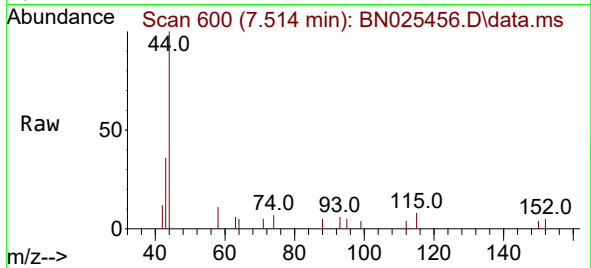




#6
bis(2-Chloroethyl)ether
Concen: Below Cal
RT: 7.514 min Scan# 600
Delta R.T. 0.014 min
Lab File: BN025456.D
Acq: 17 May 2023 16:54

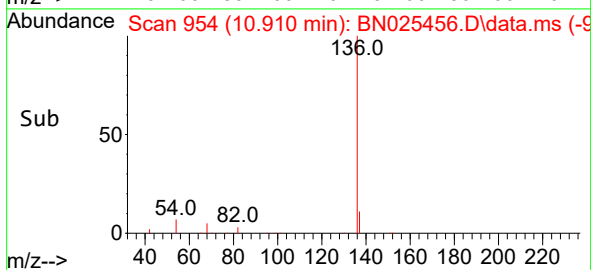
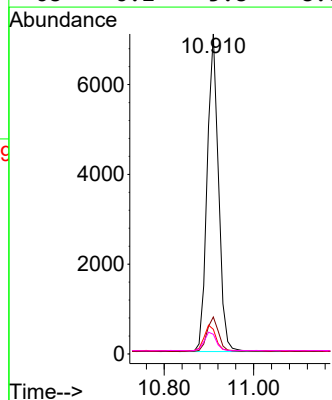
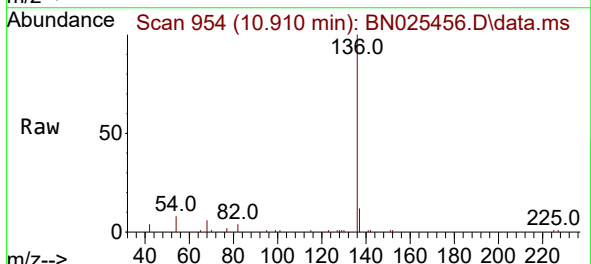
Instrument :
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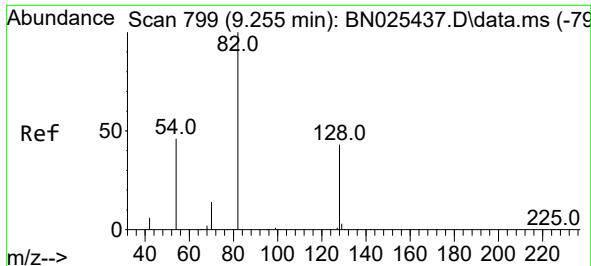
Tgt Ion: 93 Resp: 13
Ion Ratio Lower Upper
93 100
63 92.3 48.5 72.7#
95 0.0 22.0 33.0#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.910 min Scan# 954
Delta R.T. -0.000 min
Lab File: BN025456.D
Acq: 17 May 2023 16:54

Tgt Ion:136 Resp: 12410
Ion Ratio Lower Upper
136 100
137 11.5 9.4 14.0
54 7.7 7.0 10.4
68 6.2 5.8 8.6

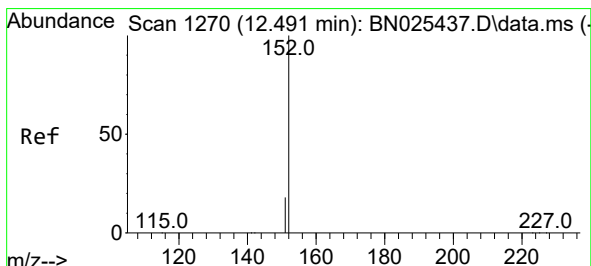
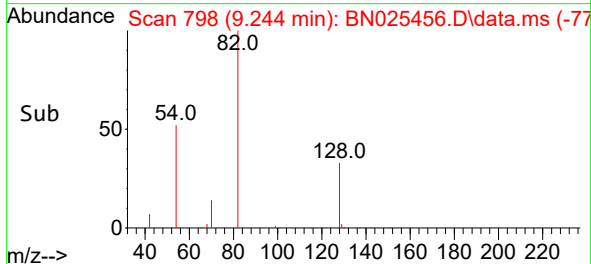
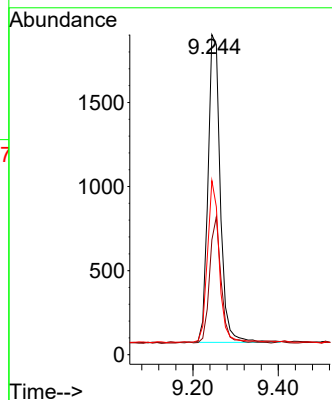
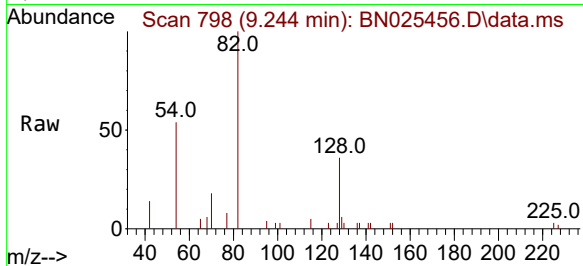




#8
Nitrobenzene-d5
Concen: 0.431 ng
RT: 9.244 min Scan# 79
Delta R.T. -0.000 min
Lab File: BN025456.D
Acq: 17 May 2023 16:54

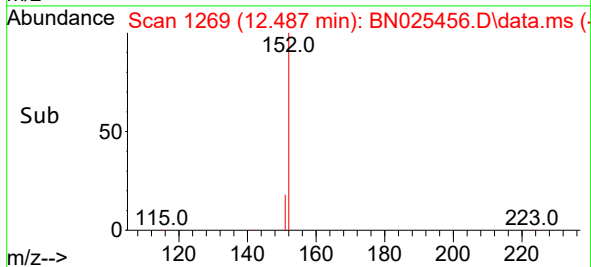
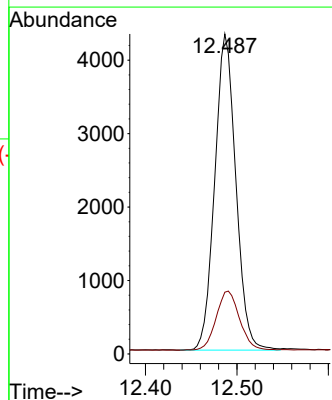
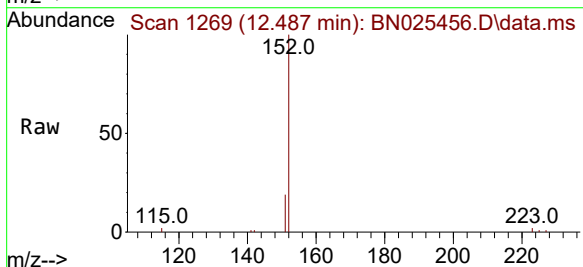
Instrument :
BNA_N
ClientSampleId :
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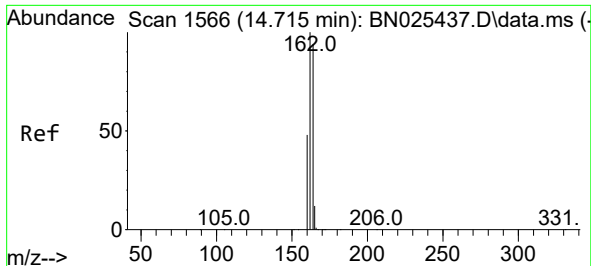
Tgt Ion: 82 Resp: 3655
Ion Ratio Lower Upper
82 100
128 35.9 35.7 53.5
54 54.4 38.6 57.8



#11
2-Methylnaphthalene-d10
Concen: 0.397 ng
RT: 12.487 min Scan# 1269
Delta R.T. -0.000 min
Lab File: BN025456.D
Acq: 17 May 2023 16:54

Tgt Ion: 152 Resp: 6890
Ion Ratio Lower Upper
152 100
151 20.8 16.5 24.7

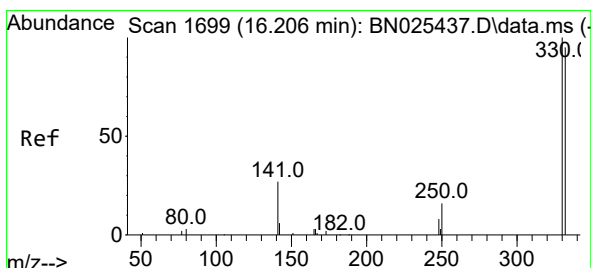
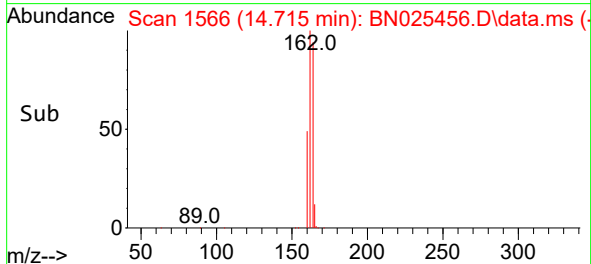
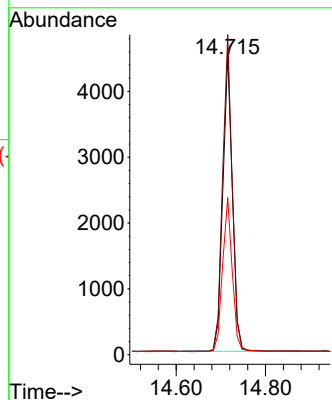
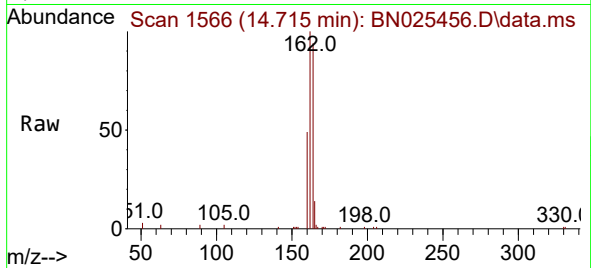




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.715 min Scan# 1566
Delta R.T. -0.000 min
Lab File: BN025456.D
Acq: 17 May 2023 16:54

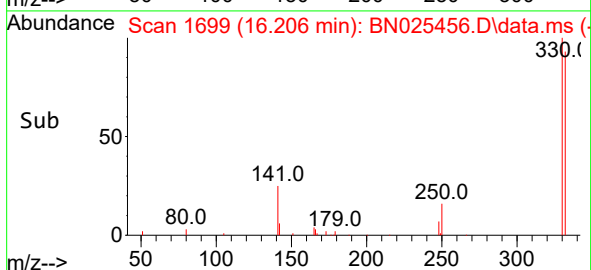
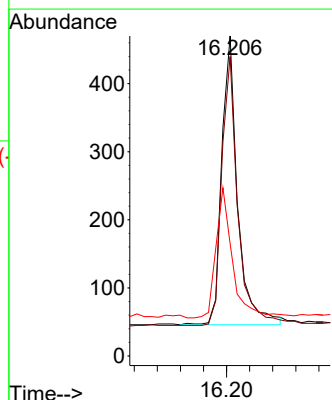
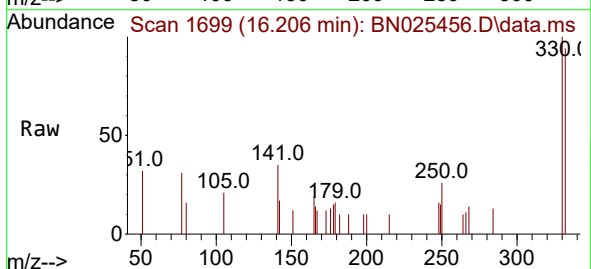
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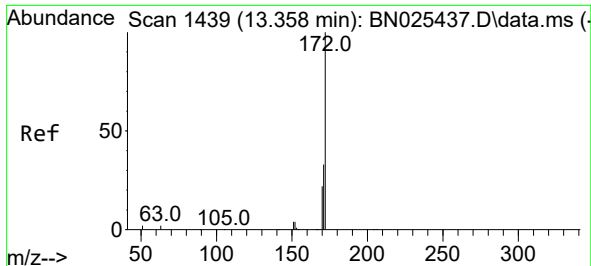
Tgt Ion:164 Resp: 6767
Ion Ratio Lower Upper
164 100
162 106.1 84.8 127.2
160 52.1 40.6 61.0



#14
2,4,6-Tribromophenol
Concen: 0.354 ng
RT: 16.206 min Scan# 1699
Delta R.T. 0.012 min
Lab File: BN025456.D
Acq: 17 May 2023 16:54

Tgt Ion:330 Resp: 812
Ion Ratio Lower Upper
330 100
332 93.7 75.5 113.3
141 46.6 35.3 52.9

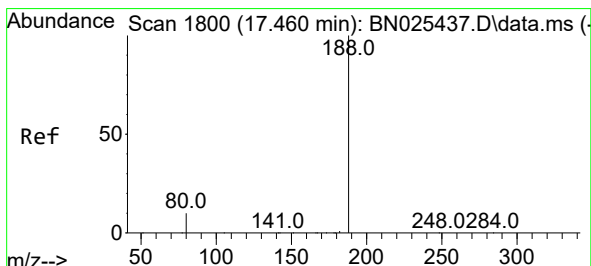
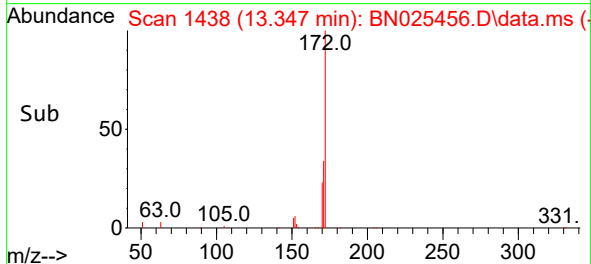
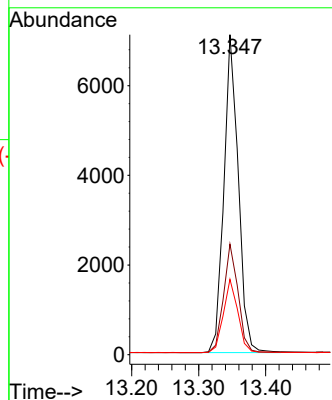
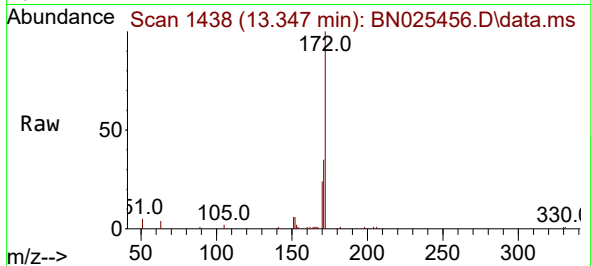




#15
2-Fluorobiphenyl
Concen: 0.429 ng
RT: 13.347 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BN025456.D
Acq: 17 May 2023 16:54

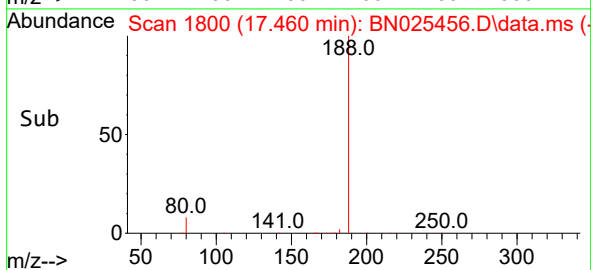
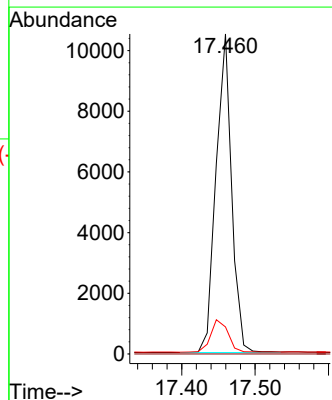
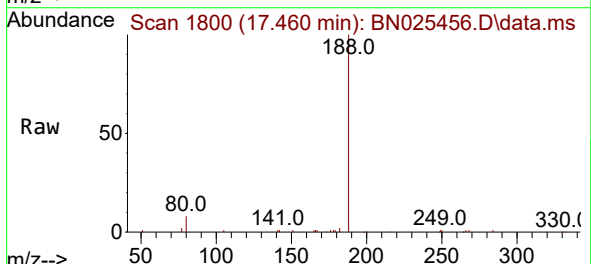
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BNA_N
ClientSampleId :
PB152856BL

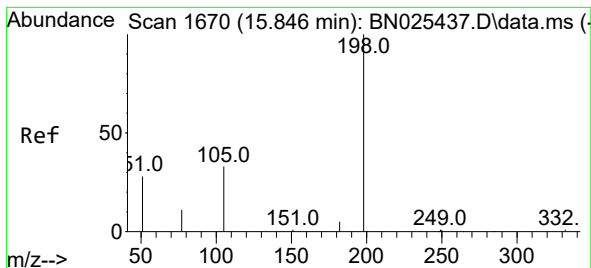
Tgt Ion:172 Resp: 10628
Ion Ratio Lower Upper
172 100
171 34.5 27.0 40.6
170 23.6 18.2 27.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.460 min Scan# 1800
Delta R.T. -0.000 min
Lab File: BN025456.D
Acq: 17 May 2023 16:54

Tgt Ion:188 Resp: 15502
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.5 8.7 13.1#

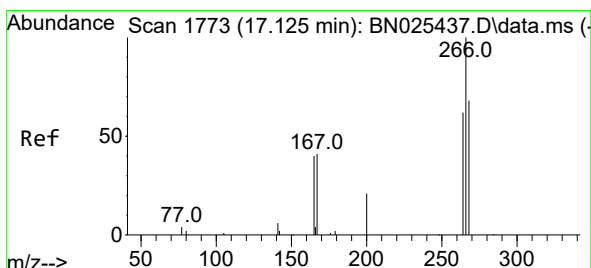
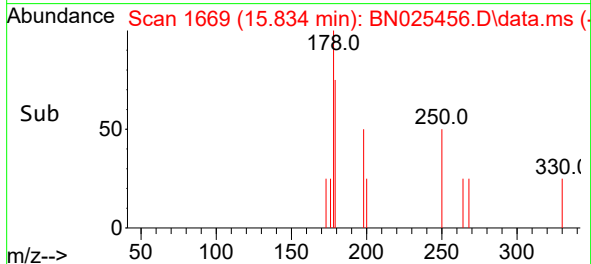
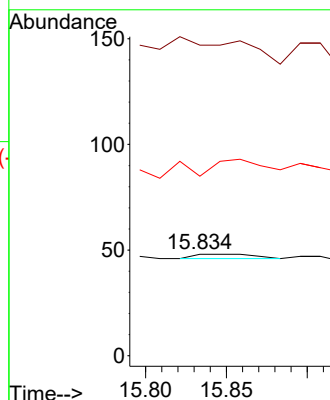
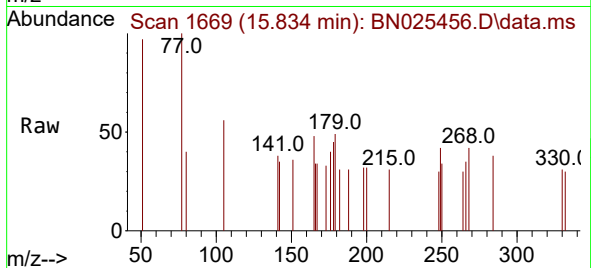




#20
4,6-Dinitro-2-methylphenol
Concen: 0.135 ng
RT: 15.834 min Scan# 1669
Delta R.T. 0.012 min
Lab File: BN025456.D
Acq: 17 May 2023 16:54

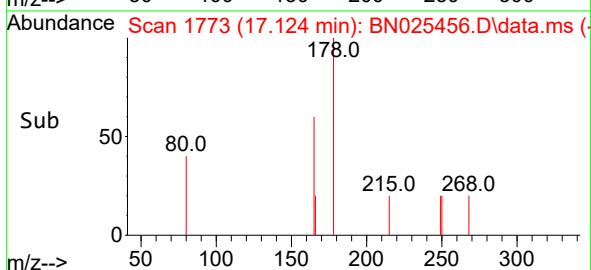
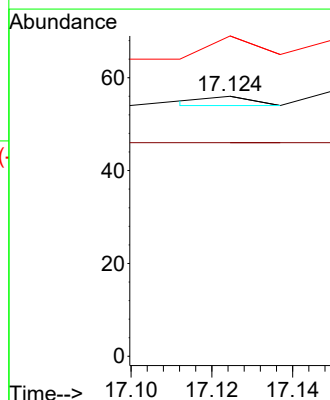
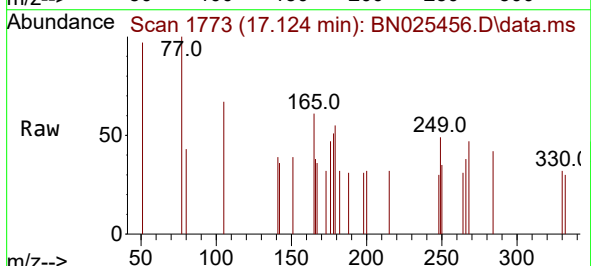
Instrument :
BNA_N
ClientSampleId :
PB152856BL

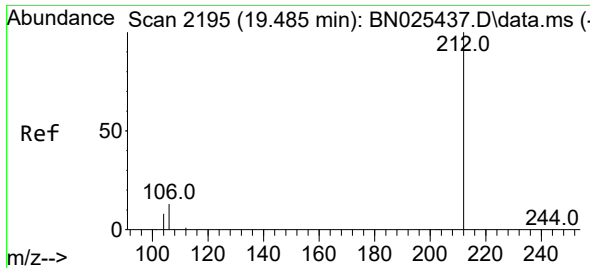
Tgt Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
51 306.3 68.5 102.7#
105 177.1 57.6 86.4#



#24
Pentachlorophenol
Concen: 0.205 ng
RT: 17.124 min Scan# 1773
Delta R.T. 0.012 min
Lab File: BN025456.D
Acq: 17 May 2023 16:54

Tgt Ion:266 Resp: 1
Ion Ratio Lower Upper
266 100
264 0.0 49.5 74.3#
268 1000.0 51.0 76.4#

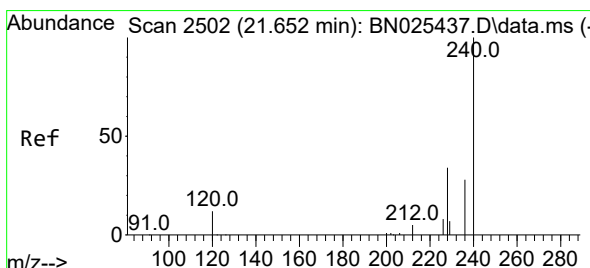
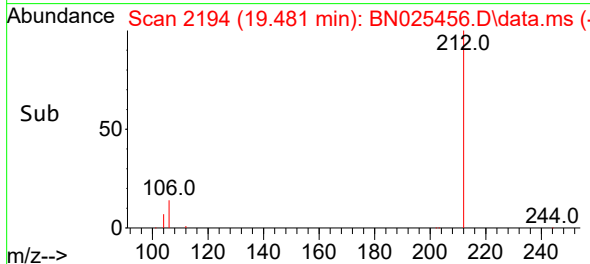
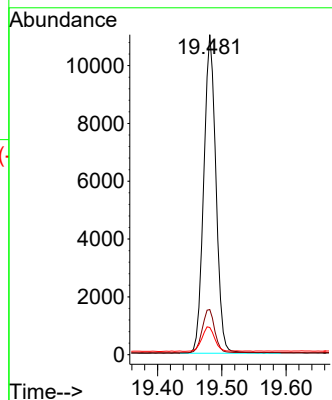
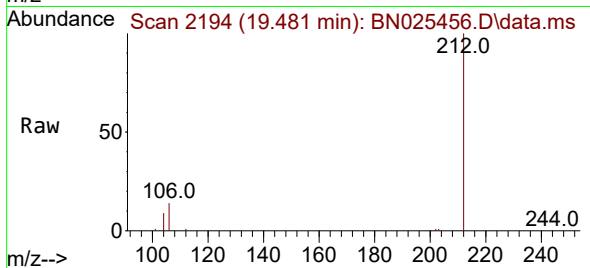




#27
Fluoranthene-d10
Concen: 0.396 ng
RT: 19.481 min Scan# 2194
Delta R.T. -0.000 min
Lab File: BN025456.D
Acq: 17 May 2023 16:54

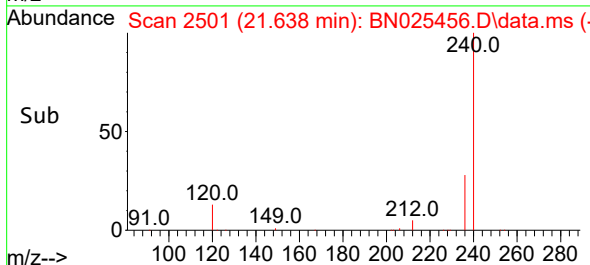
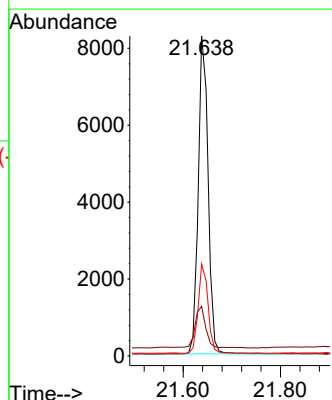
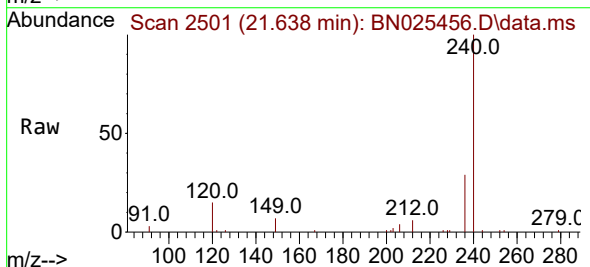
Instrument :
BNA_N
ClientSampleId :
PB152856BL

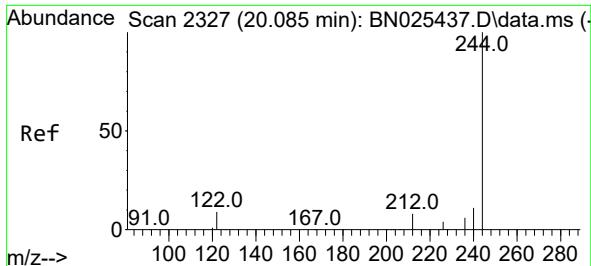
Tgt Ion:212 Resp: 14603
Ion Ratio Lower Upper
212 100
106 13.9 11.1 16.7
104 7.9 6.6 10.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.638 min Scan# 2501
Delta R.T. -0.005 min
Lab File: BN025456.D
Acq: 17 May 2023 16:54

Tgt Ion:240 Resp: 11582
Ion Ratio Lower Upper
240 100
120 15.5 11.6 17.4
236 28.7 22.9 34.3

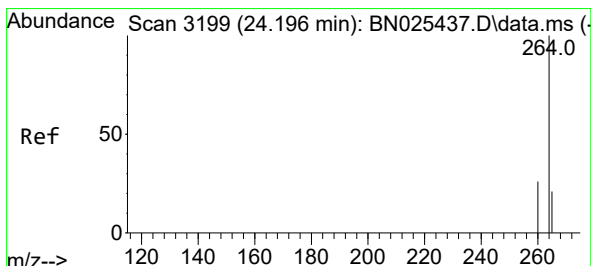
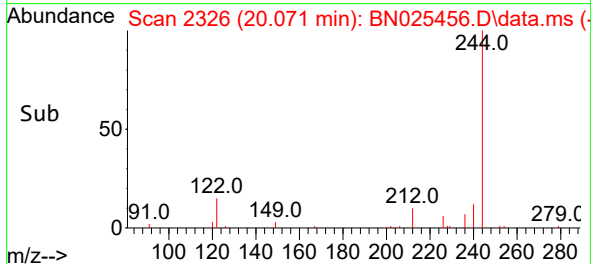
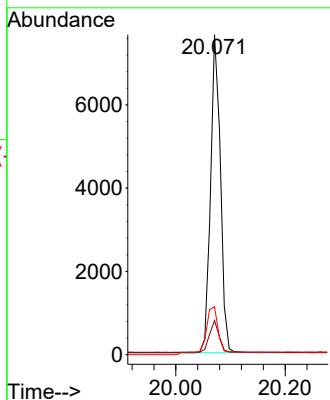
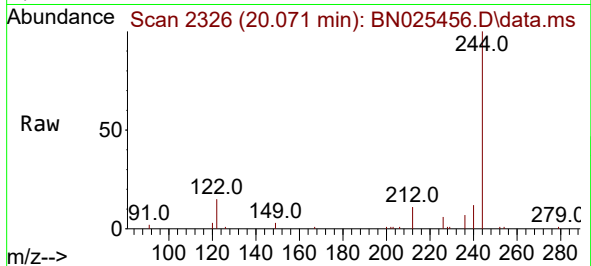




#31
 Terphenyl-d14
 Concen: 0.441 ng
 RT: 20.071 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BN025456.D
 Acq: 17 May 2023 16:54

Instrument :
 BNA_N
 ClientSampleId :
 PB152856BL

Tgt Ion:244 Resp: 9290
 Ion Ratio Lower Upper
 244 100
 212 10.7 6.9 10.3#
 122 15.0 7.4 11.2#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.177 min Scan# 3192
 Delta R.T. -0.002 min
 Lab File: BN025456.D
 Acq: 17 May 2023 16:54

Tgt Ion:264 Resp: 11900
 Ion Ratio Lower Upper
 264 100
 260 27.7 21.0 31.6
 265 39.0 25.5 38.3#

