

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051024\
 Data File : BN031483.D
 Acq On : 11 May 2024 04:28
 Operator : MA/JU
 Sample : P2319-03
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TEST-2-T42

Quant Time: May 11 04:56:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 02:12:24 2024
 Response via : Initial Calibration

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

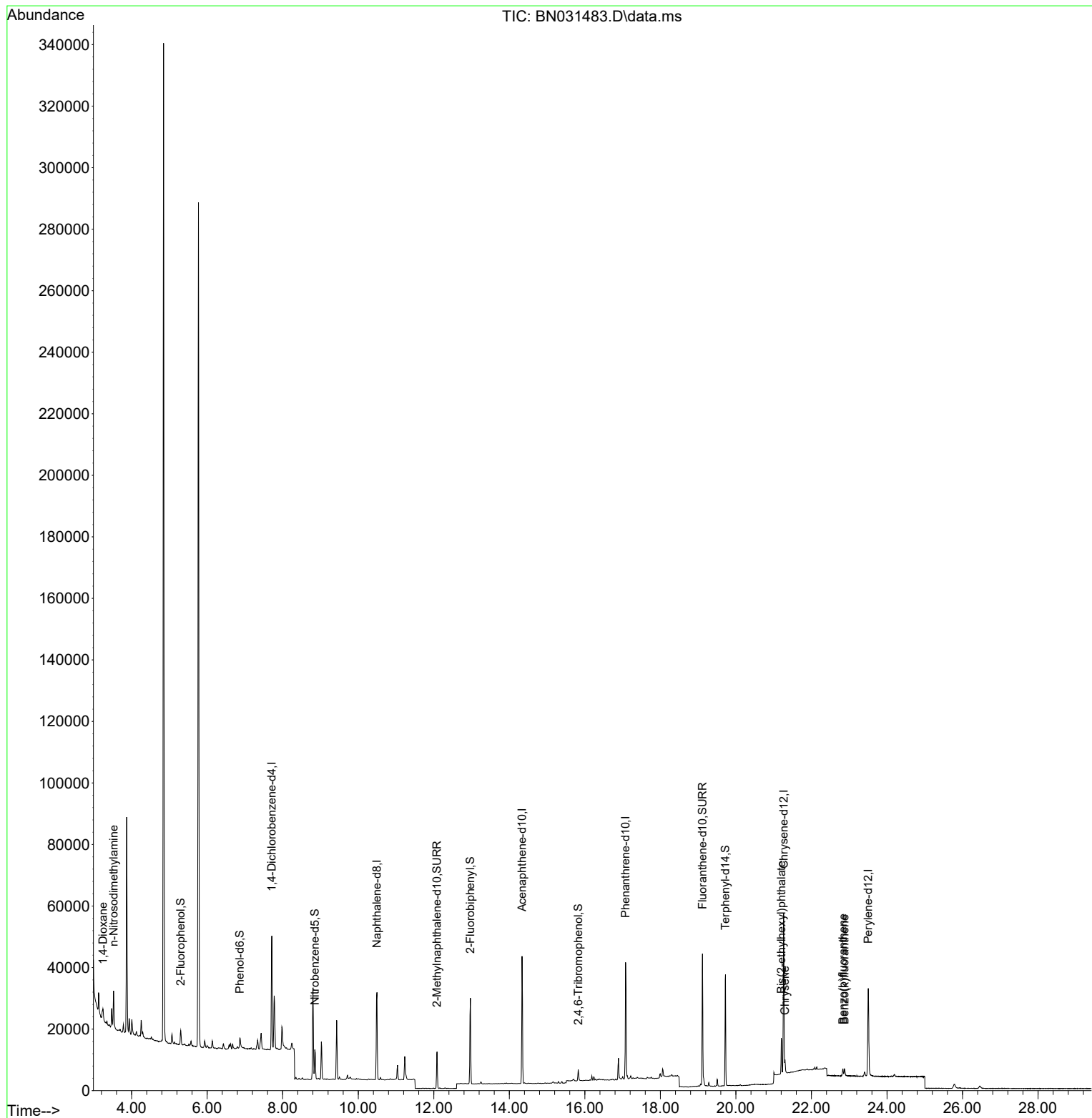
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.711	152	12281	0.400	ng	0.00
7) Naphthalene-d8	10.496	136	39113	0.400	ng	# 0.00
13) Acenaphthene-d10	14.338	164	22378	0.400	ng	-0.01
19) Phenanthrene-d10	17.078	188	51644	0.400	ng	#-0.01
29) Chrysene-d12	21.265	240	43898	0.400	ng	0.00
35) Perylene-d12	23.505	264	38986	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.299	112	3323	0.095	ng	0.00
5) Phenol-d6	6.866	99	2694	0.057	ng	0.00
8) Nitrobenzene-d5	8.852	82	7641	0.272	ng	-0.01
11) 2-Methylnaphthalene-d10	12.085	152	16039	0.254	ng	0.00
14) 2,4,6-Tribromophenol	15.825	330	2085	0.246	ng	-0.01
15) 2-Fluorobiphenyl	12.970	172	24199	0.280	ng	-0.01
27) Fluoranthene-d10	19.114	212	45268	0.316	ng	0.00
31) Terphenyl-d14	19.723	244	33986	0.316	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.240	88	2539	0.168	ng	# 20
3) n-Nitrosodimethylamine	3.522	42	1427	0.096	ng	# 1
33) Chrysene	21.300	228	3387	0.021	ng	95
34) Bis(2-ethylhexyl)phtha...	21.202	149	12305	0.124	ng	98
37) Benzo(b)fluoranthene	22.832	252	2950	0.021	ng	# 36
38) Benzo(k)fluoranthene	22.876	252	2826	0.021	ng	# 29

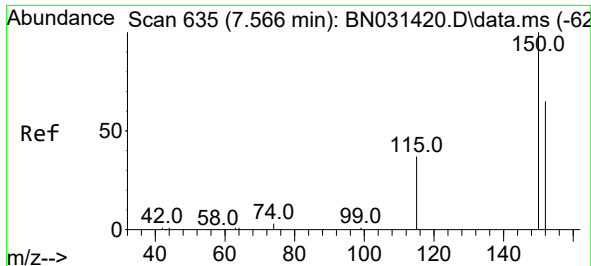
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051024\
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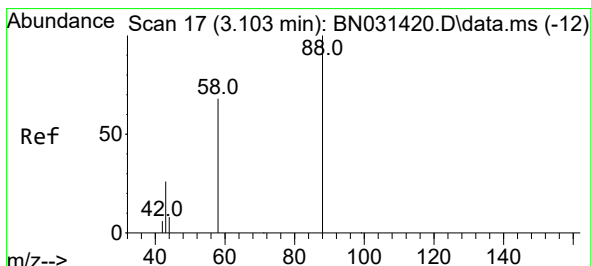
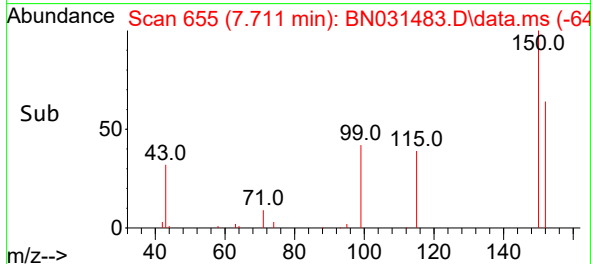
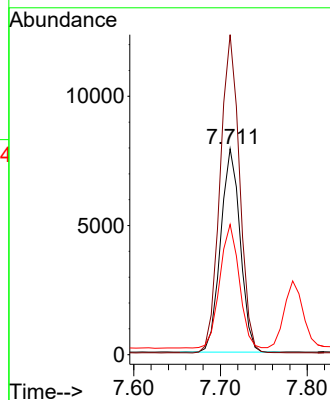
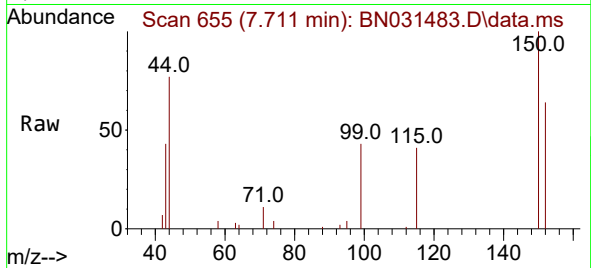




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.711 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN031483.D
 Acq: 11 May 2024 04:28

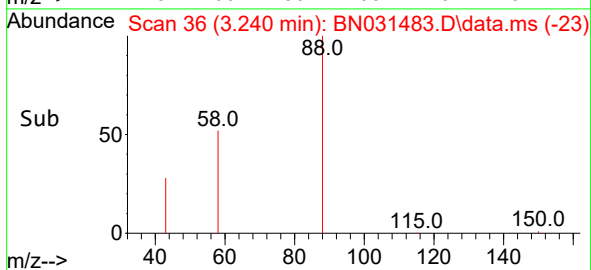
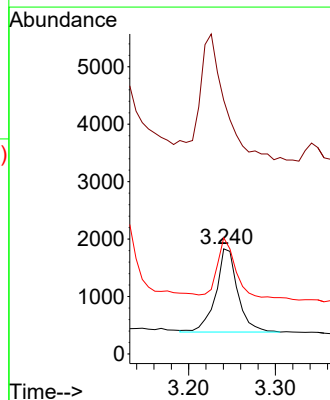
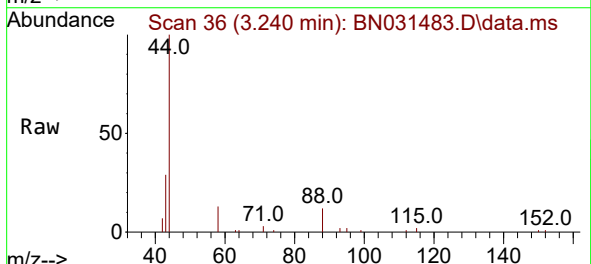
Instrument :
 BNA_N
 ClientSampleId :
 TEST-2-T42

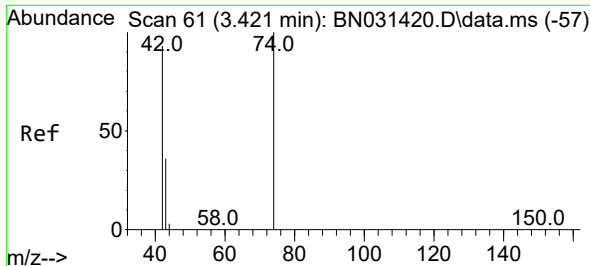
Tgt Ion:152 Resp: 12281
 Ion Ratio Lower Upper
 152 100
 150 155.4 119.3 178.9
 115 63.2 54.8 82.2



#2
 1,4-Dioxane
 Concen: 0.168 ng
 RT: 3.240 min Scan# 36
 Delta R.T. -0.007 min
 Lab File: BN031483.D
 Acq: 11 May 2024 04:28

Tgt Ion: 88 Resp: 2539
 Ion Ratio Lower Upper
 88 100
 43 170.5 39.0 58.6#
 58 60.1 54.9 82.3





#3

n-Nitrosodimethylamine

Concen: 0.096 ng

RT: 3.522 min Scan# 71

Delta R.T. -0.036 min

Lab File: BN031483.D

Acq: 11 May 2024 04:28

Instrument :

BNA_N

ClientSampleId :

TEST-2-T42

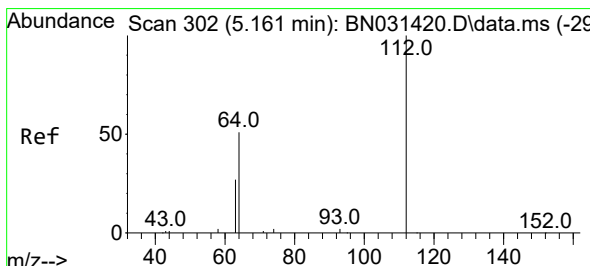
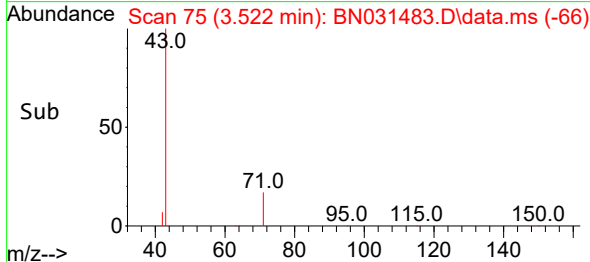
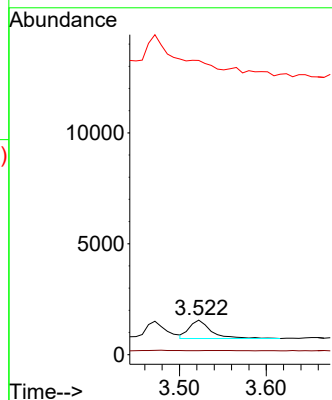
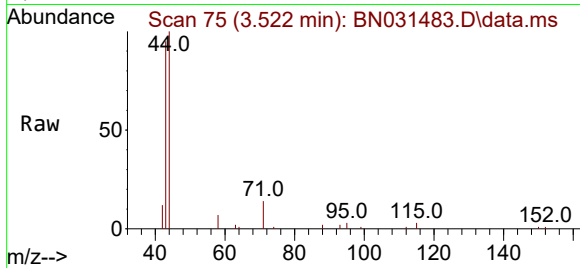
Tgt Ion: 42 Resp: 1427

Ion Ratio Lower Upper

42 100

74 2.8 126.4 189.6#

44 0.0 6.9 10.3#



#4

2-Fluorophenol

Concen: 0.095 ng

RT: 5.299 min Scan# 321

Delta R.T. -0.000 min

Lab File: BN031483.D

Acq: 11 May 2024 04:28

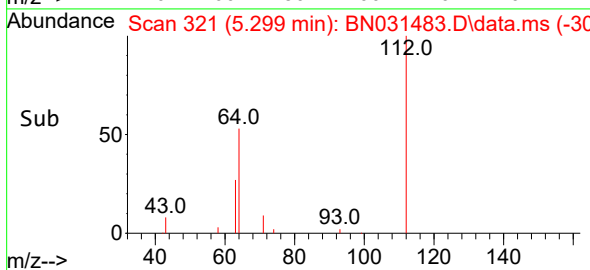
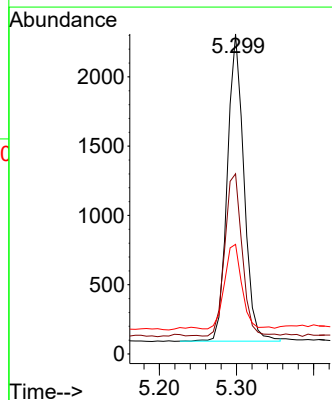
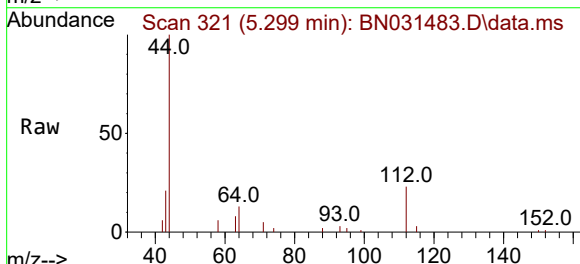
Tgt Ion: 112 Resp: 3323

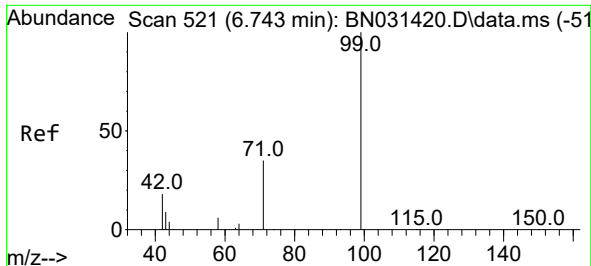
Ion Ratio Lower Upper

112 100

64 55.2 44.0 66.0

63 28.9 22.2 33.4

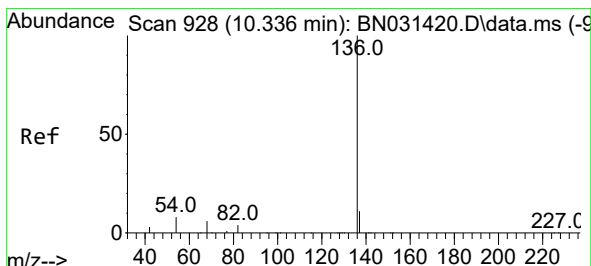
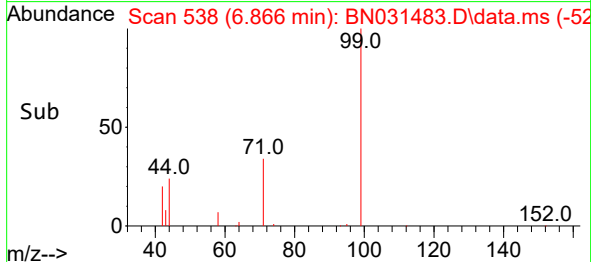
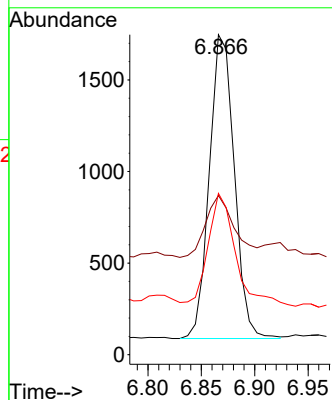
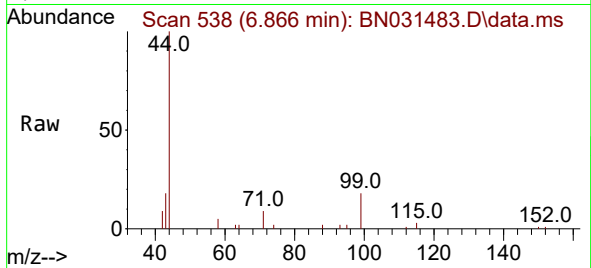




#5
Phenol-d6
Concen: 0.057 ng
RT: 6.866 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN031483.D
Acq: 11 May 2024 04:28

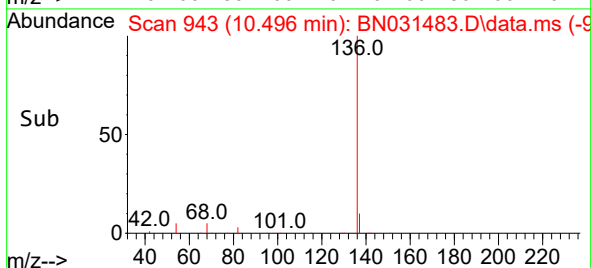
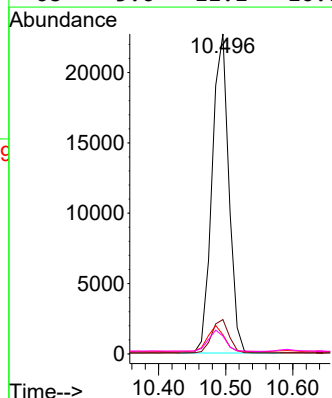
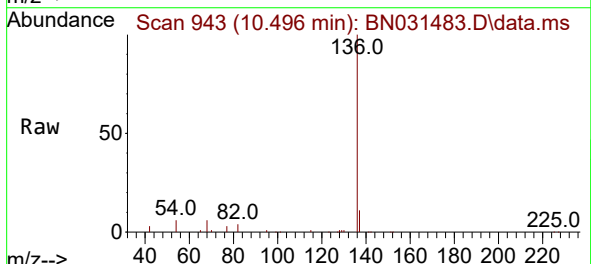
Instrument :
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TEST-2-T42

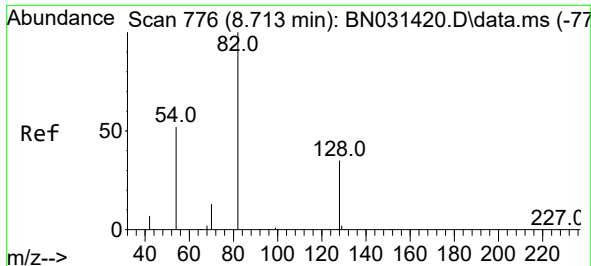
Tgt Ion: 99 Resp: 2694
Ion Ratio Lower Upper
99 100
42 23.4 13.5 20.3#
71 41.1 26.1 39.1#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.496 min Scan# 943
Delta R.T. -0.000 min
Lab File: BN031483.D
Acq: 11 May 2024 04:28

Tgt Ion: 136 Resp: 39113
Ion Ratio Lower Upper
136 100
137 10.7 10.1 15.1
54 6.0 10.5 15.7#
68 5.6 11.1 16.7#

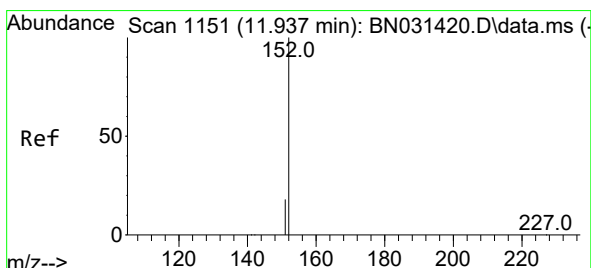
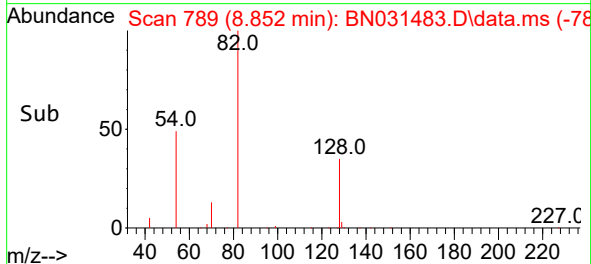
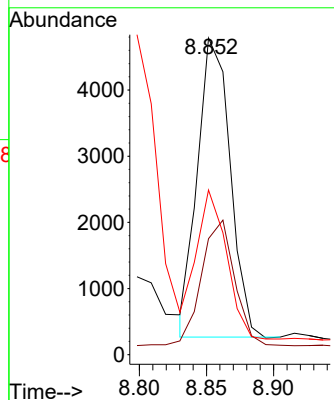
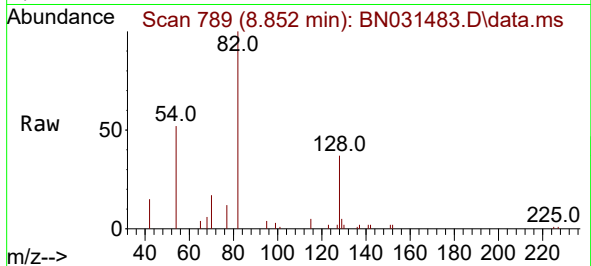




#8
Nitrobenzene-d5
Concen: 0.272 ng
RT: 8.852 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN031483.D
Acq: 11 May 2024 04:28

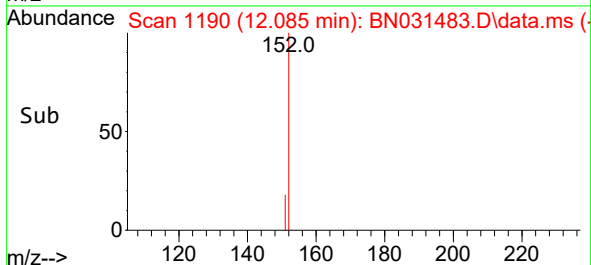
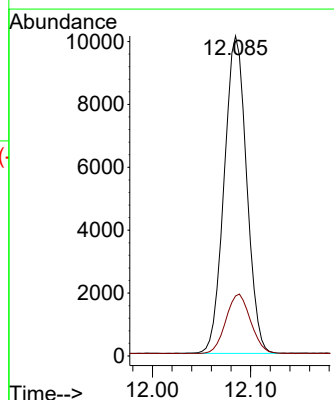
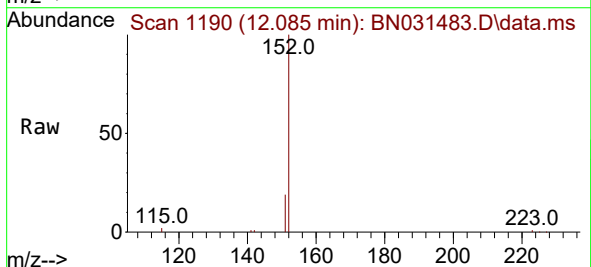
Instrument :
BNA_N
ClientSampleId :
TEST-2-T42

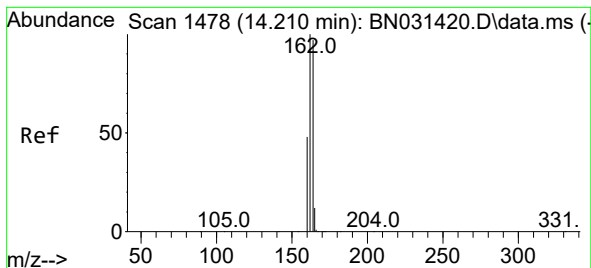
Tgt Ion: 82 Resp: 7641
Ion Ratio Lower Upper
82 100
128 36.6 29.0 43.6
54 52.0 37.2 55.8



#11
2-Methylnaphthalene-d10
Concen: 0.254 ng
RT: 12.085 min Scan# 1190
Delta R.T. -0.008 min
Lab File: BN031483.D
Acq: 11 May 2024 04:28

Tgt Ion:152 Resp: 16039
Ion Ratio Lower Upper
152 100
151 20.7 16.6 25.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.338 min Scan# 14

Delta R.T. -0.011 min

Lab File: BN031483.D

Acq: 11 May 2024 04:28

Instrument :

BNA_N

ClientSampleId :

TEST-2-T42

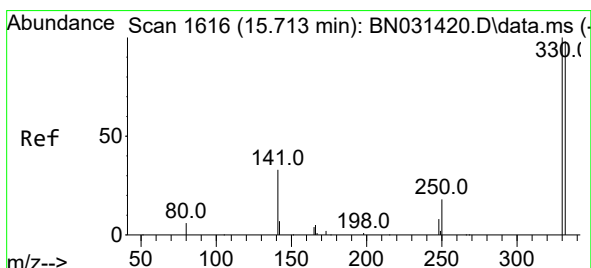
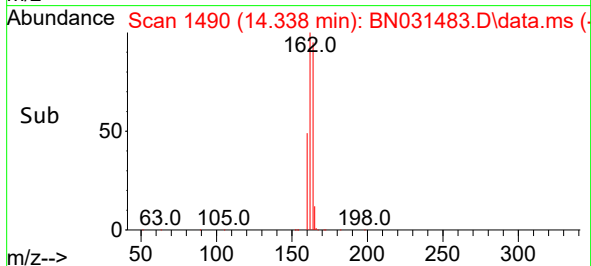
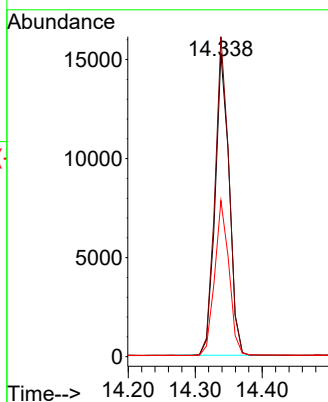
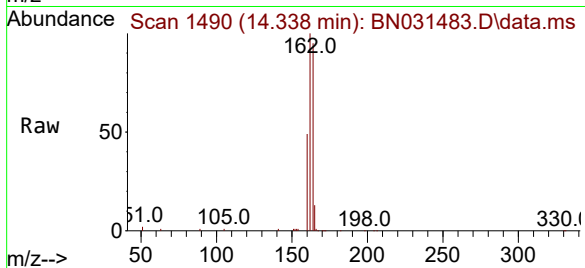
Tgt Ion:164 Resp: 22378

Ion Ratio Lower Upper

164 100

162 105.5 81.2 121.8

160 51.5 37.0 55.6



#14

2,4,6-Tribromophenol

Concen: 0.246 ng

RT: 15.825 min Scan# 1625

Delta R.T. -0.013 min

Lab File: BN031483.D

Acq: 11 May 2024 04:28

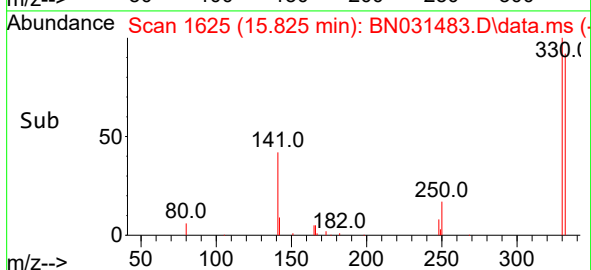
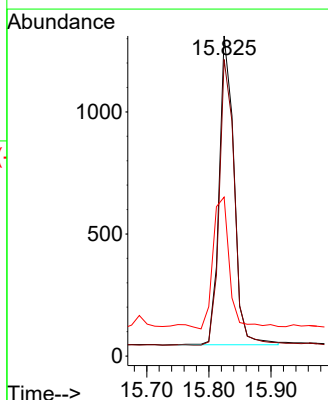
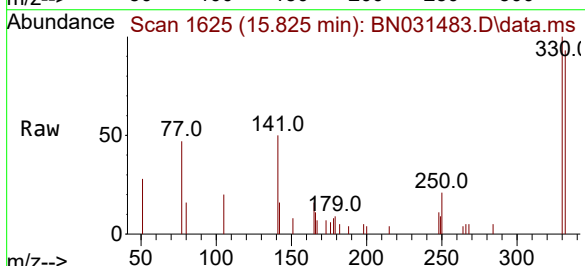
Tgt Ion:330 Resp: 2085

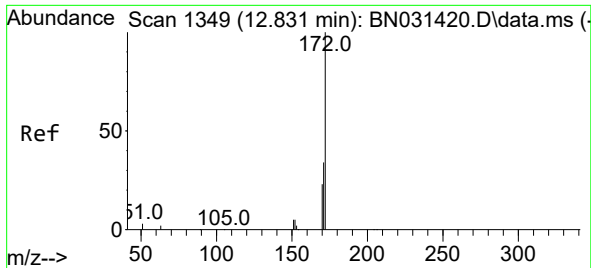
Ion Ratio Lower Upper

330 100

332 94.7 76.6 114.8

141 45.7 37.0 55.4

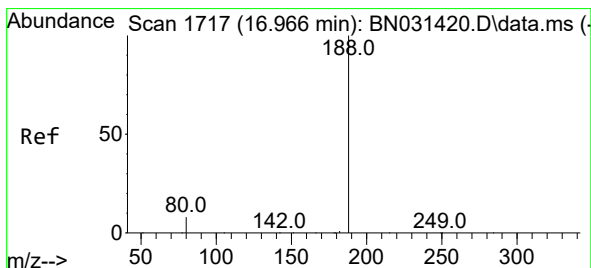
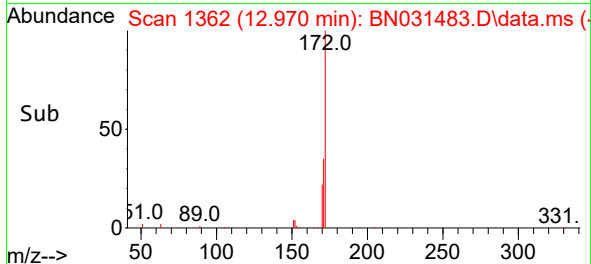
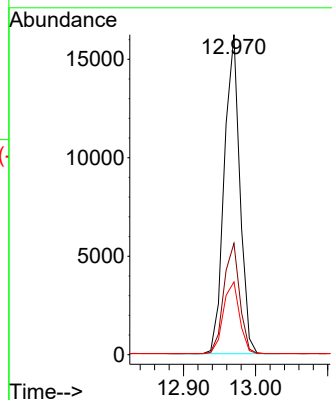
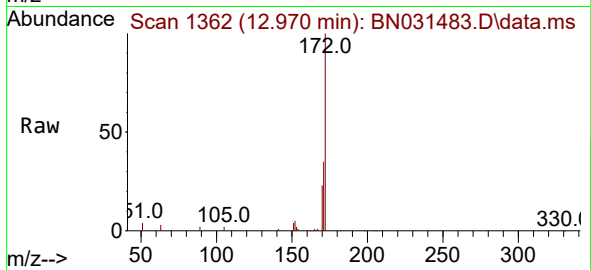




#15
2-Fluorobiphenyl
Concen: 0.280 ng
RT: 12.970 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN031483.D
Acq: 11 May 2024 04:28

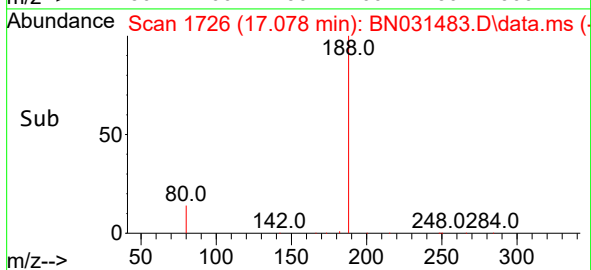
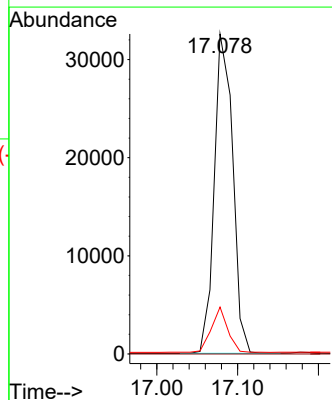
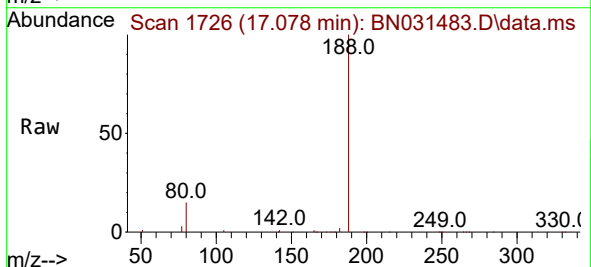
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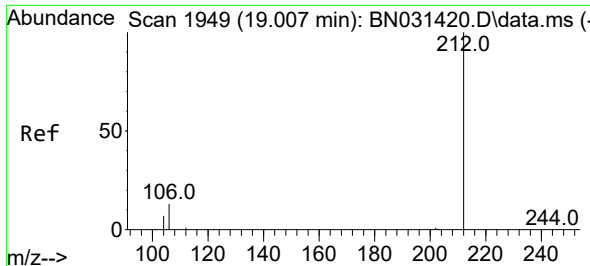
Tgt Ion:172 Resp: 24199
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.8
170 22.7 18.3 27.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.078 min Scan# 1726
Delta R.T. -0.013 min
Lab File: BN031483.D
Acq: 11 May 2024 04:28

Tgt Ion:188 Resp: 51644
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.7 9.6 14.4#

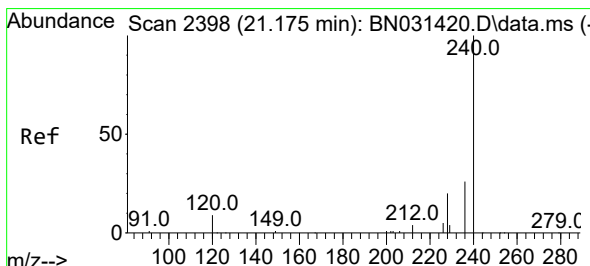
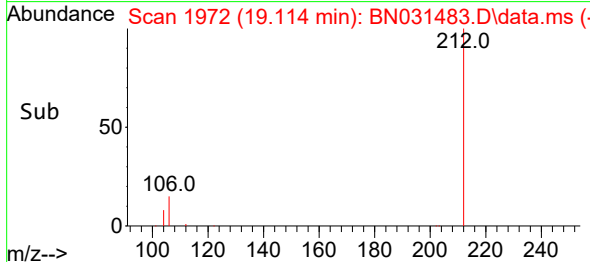
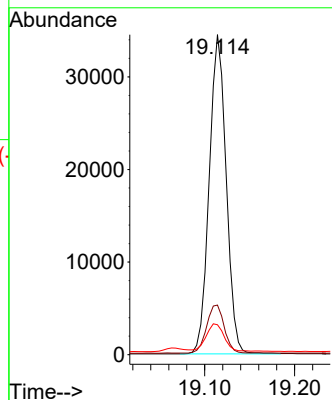
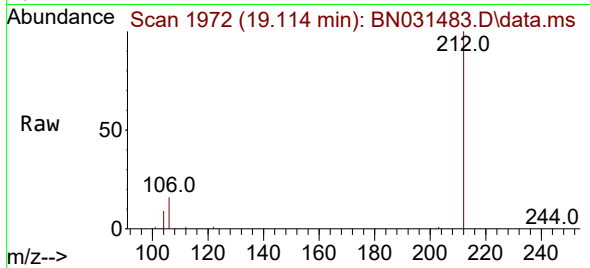




#27
Fluoranthene-d10
Concen: 0.316 ng
RT: 19.114 min Scan# 1949
Delta R.T. -0.005 min
Lab File: BN031483.D
Acq: 11 May 2024 04:28

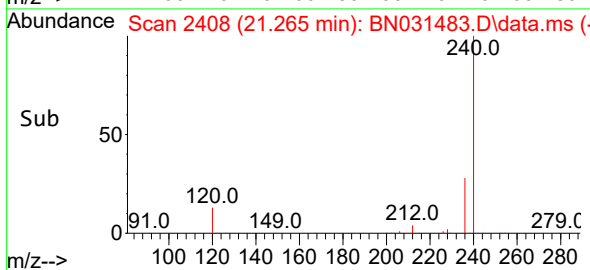
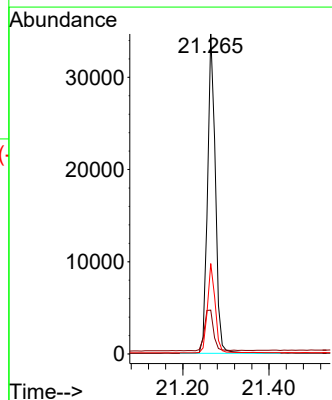
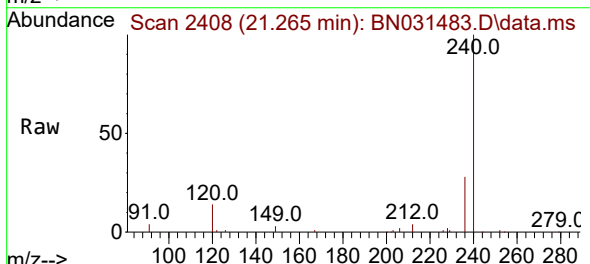
Instrument :
BNA_N
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TEST-2-T42

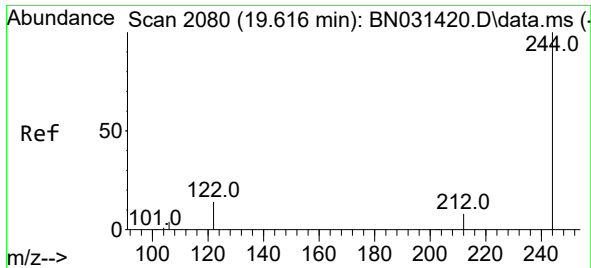
Tgt Ion:212 Resp: 45268
Ion Ratio Lower Upper
212 100
106 15.6 12.0 18.0
104 9.4 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.265 min Scan# 2408
Delta R.T. -0.009 min
Lab File: BN031483.D
Acq: 11 May 2024 04:28

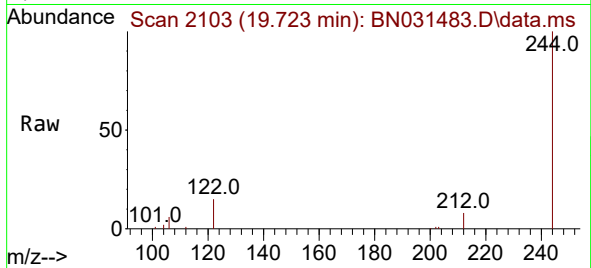
Tgt Ion:240 Resp: 43898
Ion Ratio Lower Upper
240 100
120 13.7 11.4 17.2
236 28.3 22.2 33.4



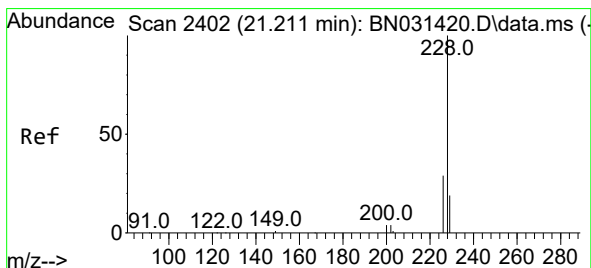
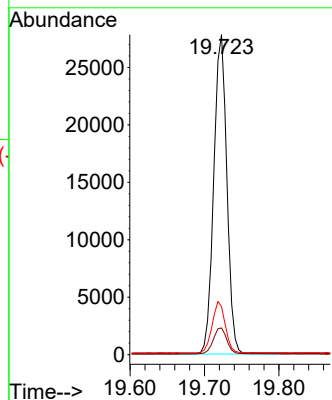


#31
Terphenyl-d14
Concen: 0.316 ng
RT: 19.723 min Scan# 2103
Delta R.T. -0.009 min
Lab File: BN031483.D
Acq: 11 May 2024 04:28

Instrument :
BNA_N
ClientSampleId :
TEST-2-T42

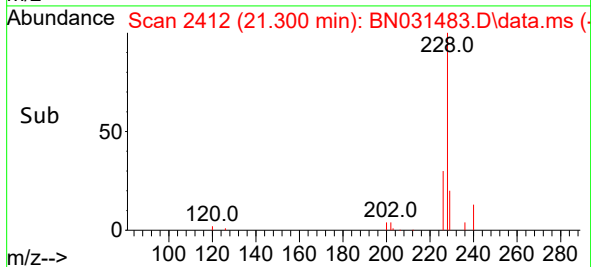
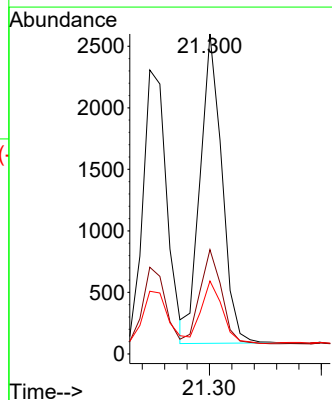
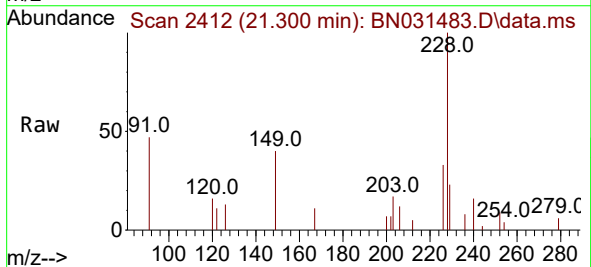


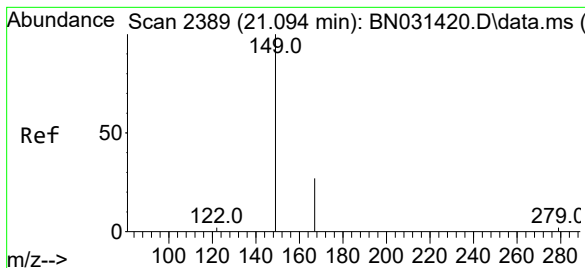
Tgt Ion:244 Resp: 33986
Ion Ratio Lower Upper
244 100
212 8.4 6.5 9.7
122 15.1 11.4 17.2



#33
Chrysene
Concen: 0.021 ng
RT: 21.300 min Scan# 2412
Delta R.T. -0.009 min
Lab File: BN031483.D
Acq: 11 May 2024 04:28

Tgt Ion:228 Resp: 3387
Ion Ratio Lower Upper
228 100
226 32.6 24.5 36.7
229 22.8 15.8 23.8

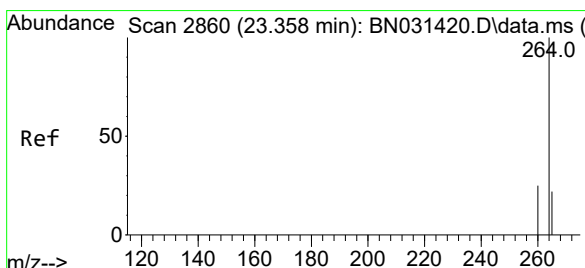
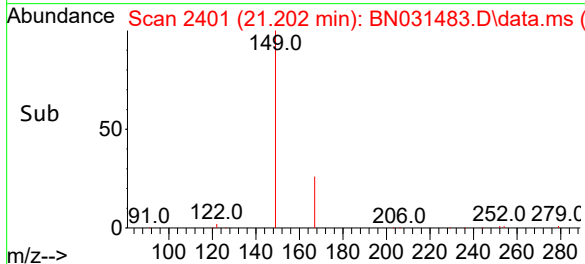
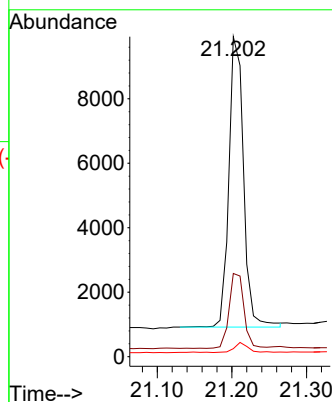
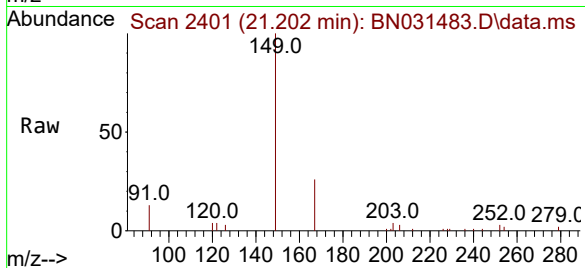




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.124 ng
RT: 21.202 min Scan# 241
Delta R.T. -0.018 min
Lab File: BN031483.D
Acq: 11 May 2024 04:28

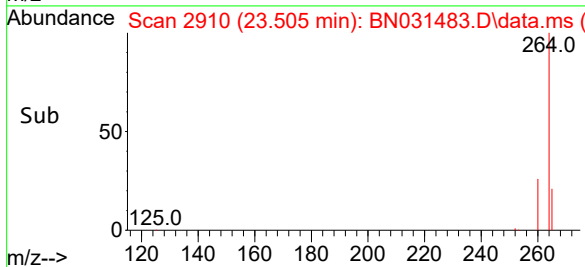
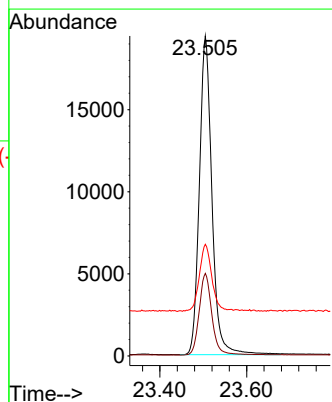
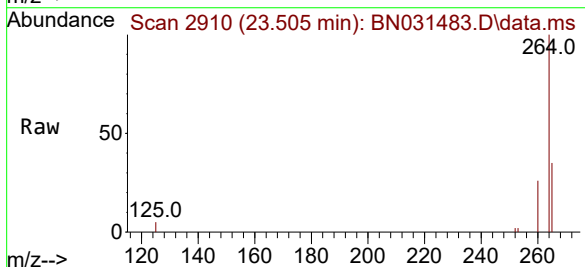
Instrument :
BNA_N
ClientSampleId :
TEST-2-T42

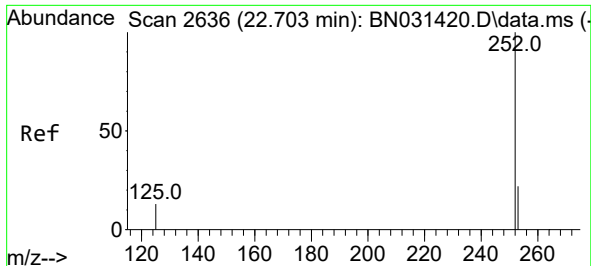
Tgt Ion:149 Resp: 12305
Ion Ratio Lower Upper
149 100
167 26.2 22.1 33.1
279 3.3 2.7 4.1



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.505 min Scan# 2910
Delta R.T. -0.015 min
Lab File: BN031483.D
Acq: 11 May 2024 04:28

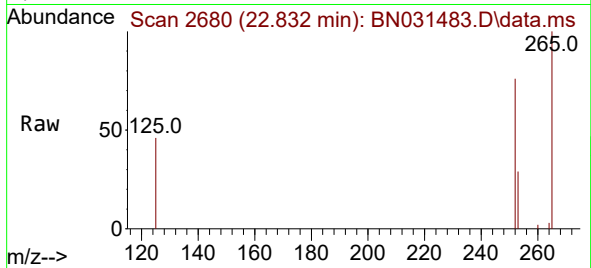
Tgt Ion:264 Resp: 38986
Ion Ratio Lower Upper
264 100
260 25.8 20.6 31.0
265 34.9 24.0 36.0



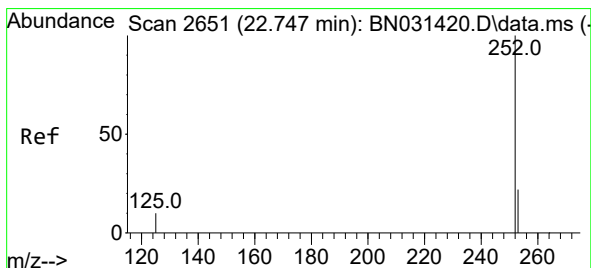
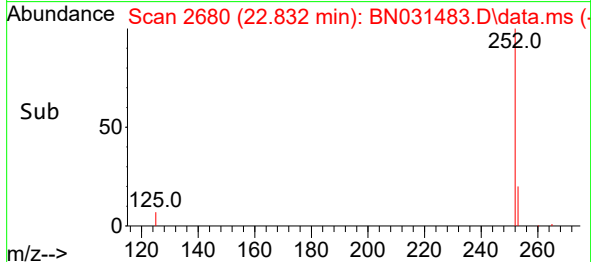
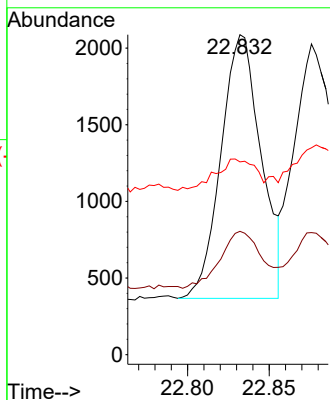


#37
Benzo(b)fluoranthene
Concen: 0.021 ng
RT: 22.832 min Scan# 2695
Delta R.T. -0.015 min
Lab File: BN031483.D
Acq: 11 May 2024 04:28

Instrument :
BNA_N
ClientSampleId :
TEST-2-T42



Tgt Ion:252 Resp: 2950
Ion Ratio Lower Upper
252 100
253 38.6 18.2 27.4#
125 60.2 10.5 15.7#



#38
Benzo(k)fluoranthene
Concen: 0.021 ng
RT: 22.876 min Scan# 2695
Delta R.T. -0.015 min
Lab File: BN031483.D
Acq: 11 May 2024 04:28

Tgt Ion:252 Resp: 2826
Ion Ratio Lower Upper
252 100
253 39.3 18.2 27.2#
125 66.6 11.0 16.6#

