

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081724\
 Data File : BN033435.D
 Acq On : 16 Aug 2024 17:51
 Operator : MA/JU
 Sample : P3430-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 50

Instrument :
 BNA_N
 ClientSampleId :
 931-K1-WPO-0-0.25-073124

Quant Time: Aug 16 18:25:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 16 04:44:11 2024
 Response via : Initial Calibration

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

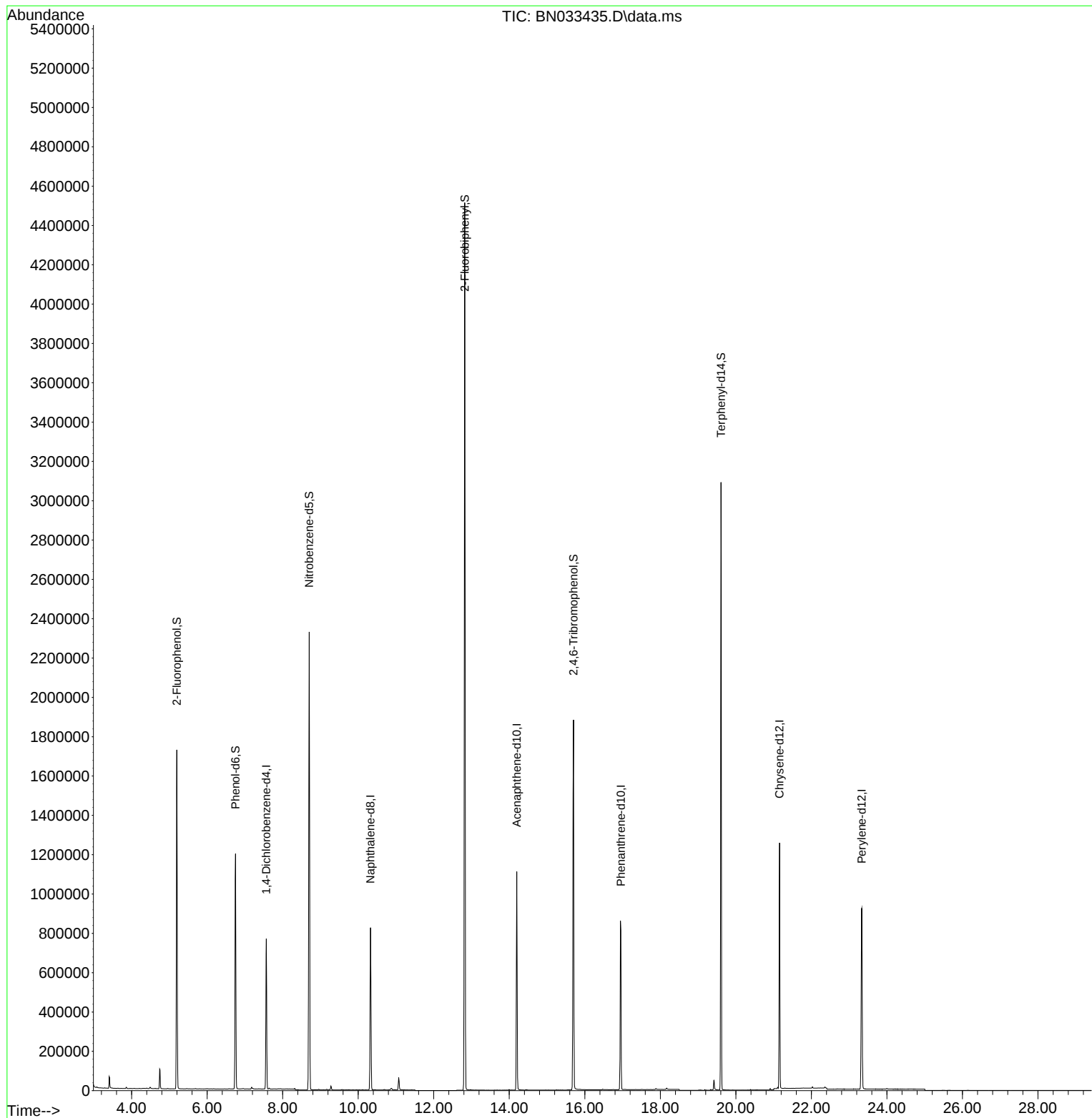
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.567	152	359556	20.000	ng	0.00
7) Naphthalene-d8	10.325	136	1031968	20.000	ng	#-0.01
13) Acenaphthene-d10	14.199	164	603742	20.000	ng	0.00
19) Phenanthrene-d10	16.954	188	1264688	20.000	ng	# 0.00
29) Chrysene-d12	21.157	240	1067328	20.000	ng	# 0.00
35) Perylene-d12	23.332	264	1138568	20.000	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.198	112	1255192	63.195	ng	0.00
5) Phenol-d6	6.751	99	1037939	38.689	ng	0.00
8) Nitrobenzene-d5	8.702	82	1687145	108.380	ng	0.00
11) 2-Methylnaphthalene-d10	11.896	152	7	0.000	ng	-0.03
14) 2,4,6-Tribromophenol	15.701	330	1079772	174.295	ng	0.00
15) 2-Fluorobiphenyl	12.820	172	3716796	75.091	ng	0.00
27) Fluoranthene-d10	18.989	212	103	0.002	ng	0.00
31) Terphenyl-d14	19.607	244	2981566	73.933	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.176	88	281	0.035	ng	# 1
3) n-Nitrosodimethylamine	3.407	42	8542	0.830	ng	# 1
18) Fluorene	15.258	166	1404	0.028	ng	# 30
32) Benzo(a)anthracene	21.157	228	4950	0.062	ng	# 69
33) Chrysene	21.157	228	5007	0.062	ng	# 65
34) Bis(2-ethylhexyl)phtha...	21.104	149	5837	0.161	ng	# 96

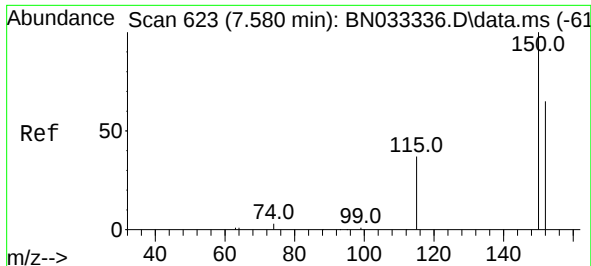
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081724\
Data File : BN033435.D
Acq On : 16 Aug 2024 17:51
Operator : MA/JU
Sample : P3430-04
Misc :
ALS Vial : 9 Sample Multiplier: 50

Instrument :
BNA_N
ClientSampleId :
931-K1-WPO-0-0.25-073124

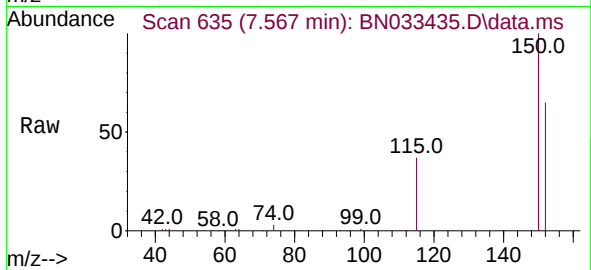
Quant Time: Aug 16 18:25:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 16 04:44:11 2024
Response via : Initial Calibration



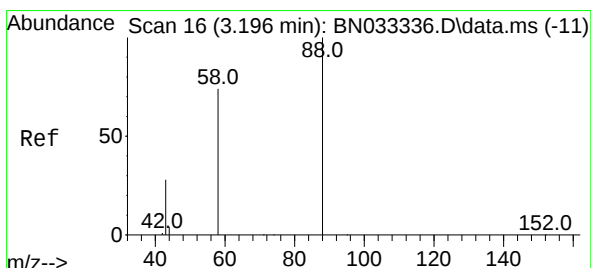
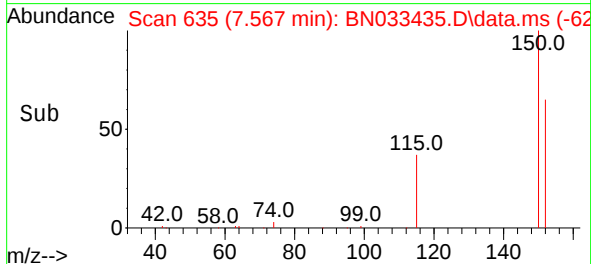
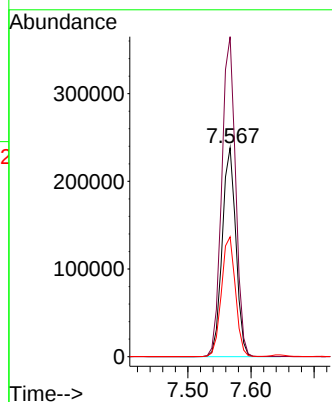


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.567 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN033435.D
Acq: 16 Aug 2024 17:51

Instrument :
BNA_N
ClientSampleId :
931-K1-WPO-0-0.25-073124

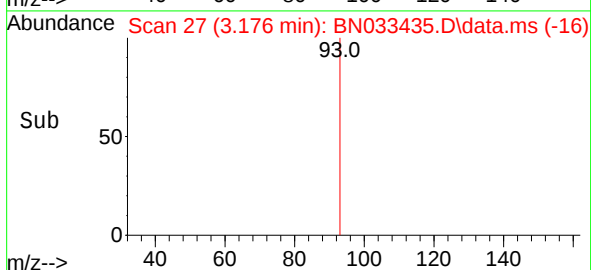
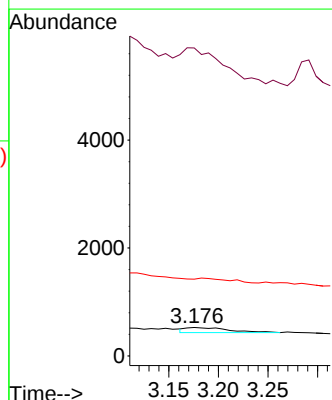
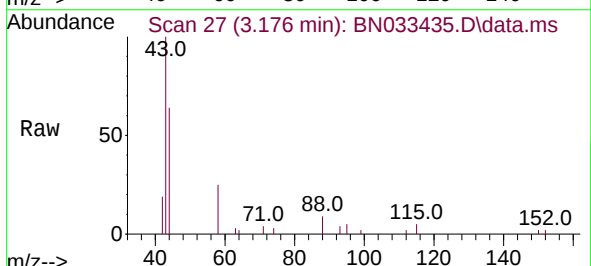


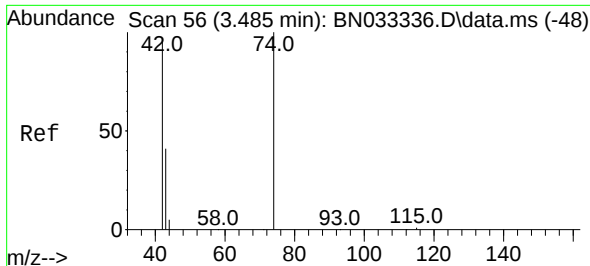
Tgt Ion:152 Resp: 359556
Ion Ratio Lower Upper
152 100
150 153.2 122.3 183.5
115 57.4 48.8 73.2



#2
1,4-Dioxane
Concen: 0.035 ng
RT: 3.176 min Scan# 27
Delta R.T. -0.022 min
Lab File: BN033435.D
Acq: 16 Aug 2024 17:51

Tgt Ion: 88 Resp: 281
Ion Ratio Lower Upper
88 100
43 697.2 30.6 46.0#
58 0.0 64.5 96.7#

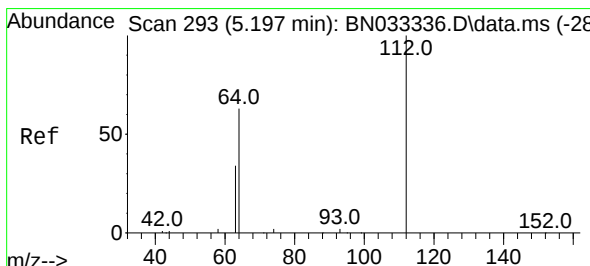
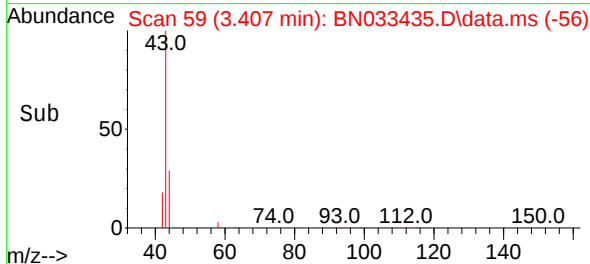
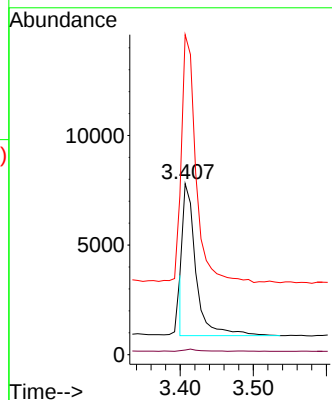
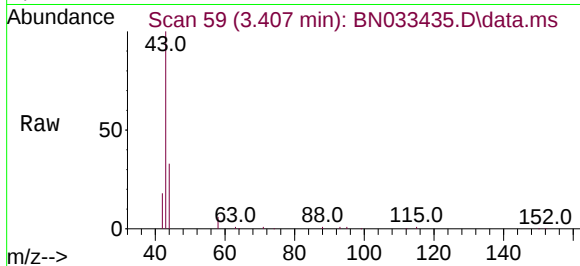




#3
 n-Nitrosodimethylamine
 Concen: 0.830 ng
 RT: 3.407 min Scan# 51
 Delta R.T. -0.079 min
 Lab File: BN033435.D
 Acq: 16 Aug 2024 17:51

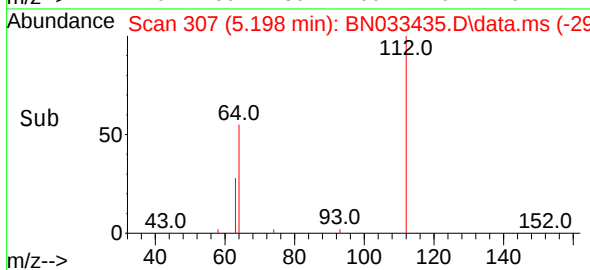
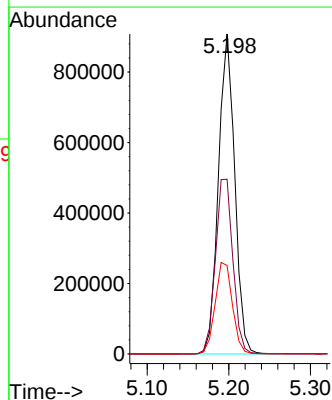
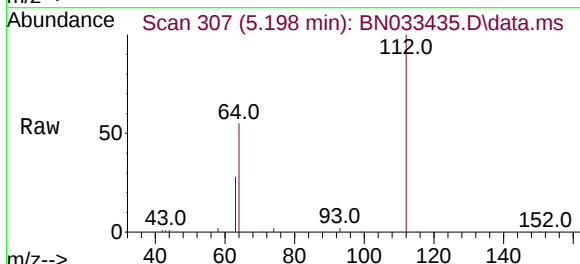
Instrument :
 BNA_N
 ClientSampleId :
 931-K1-WPO-0-0.25-073124

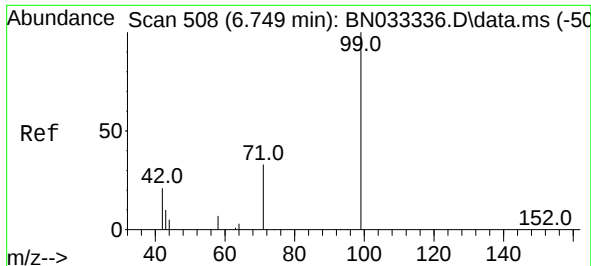
Tgt Ion: 42 Resp: 8542
 Ion Ratio Lower Upper
 42 100
 74 1.5 89.0 133.6#
 44 159.4 11.0 16.4#



#4
 2-Fluorophenol
 Concen: 63.195 ng
 RT: 5.198 min Scan# 307
 Delta R.T. 0.000 min
 Lab File: BN033435.D
 Acq: 16 Aug 2024 17:51

Tgt Ion: 112 Resp: 1255192
 Ion Ratio Lower Upper
 112 100
 64 58.8 48.1 72.1
 63 30.3 25.4 38.2

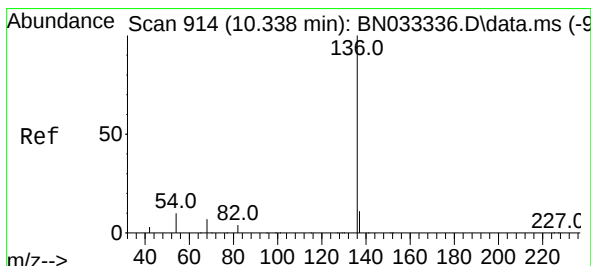
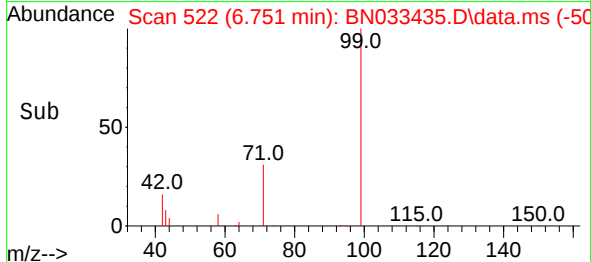
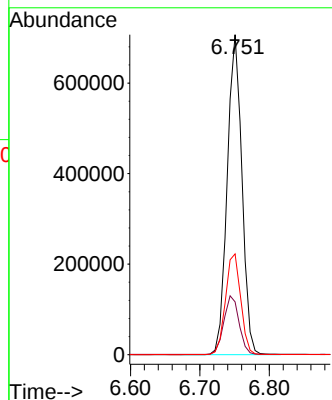
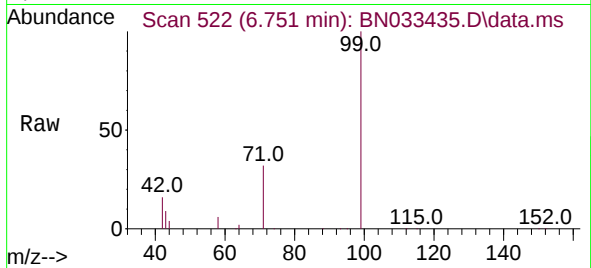




#5
Phenol-d6
Concen: 38.689 ng
RT: 6.751 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN033435.D
Acq: 16 Aug 2024 17:51

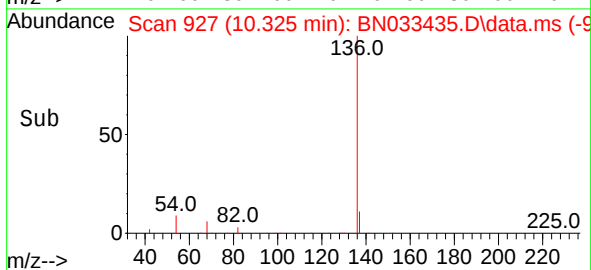
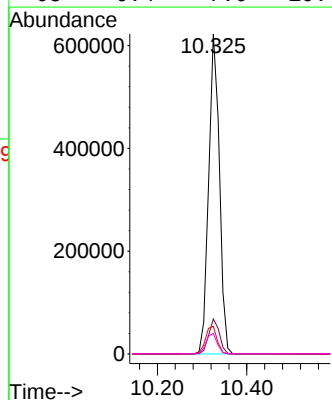
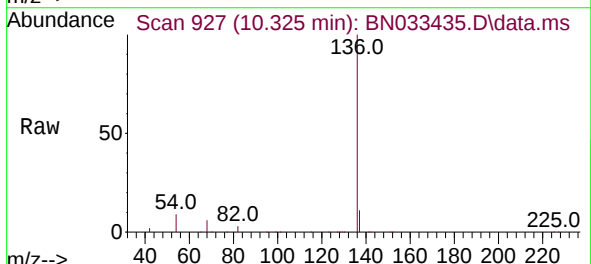
Instrument :
BNA_N
ClientSampleId :
931-K1-WPO-0-0.25-073124

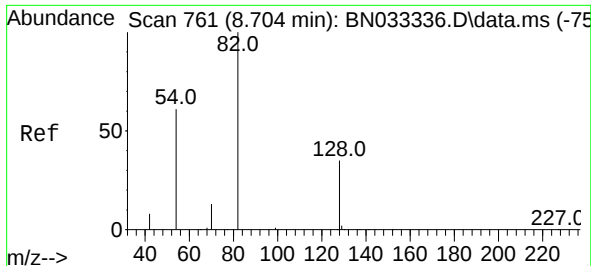
Tgt Ion: 99 Resp: 1037939
Ion Ratio Lower Upper
99 100
42 18.8 18.5 27.7
71 32.7 26.2 39.2



#7
Naphthalene-d8
Concen: 20.000 ng
RT: 10.325 min Scan# 927
Delta R.T. -0.011 min
Lab File: BN033435.D
Acq: 16 Aug 2024 17:51

Tgt Ion: 136 Resp: 1031968
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 8.6 9.4 14.0#
68 6.4 7.0 10.4#

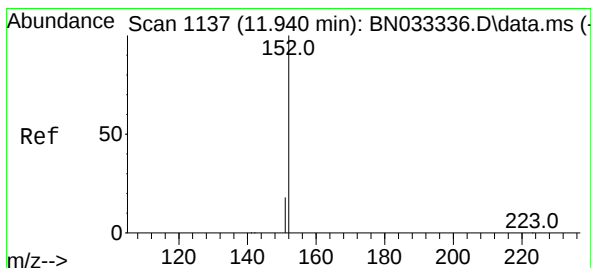
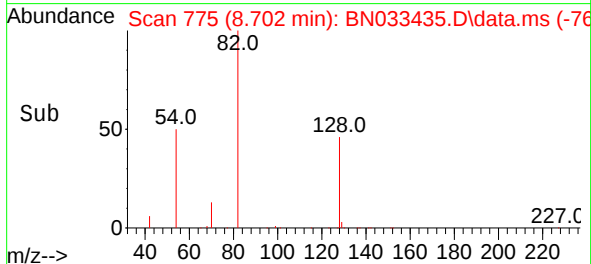
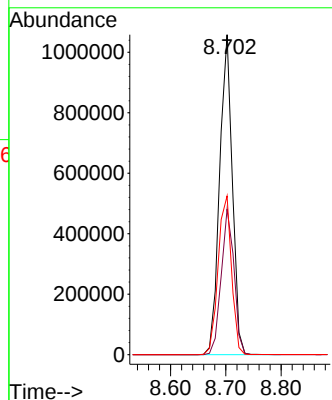
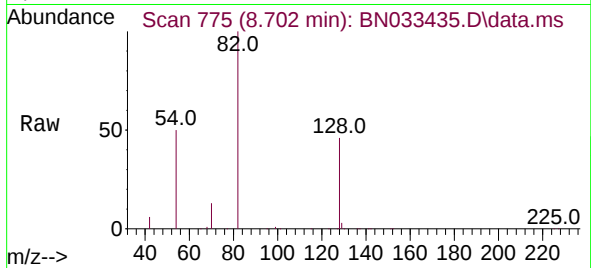




#8
Nitrobenzene-d5
Concen: 108.380 ng
RT: 8.702 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN033435.D
Acq: 16 Aug 2024 17:51

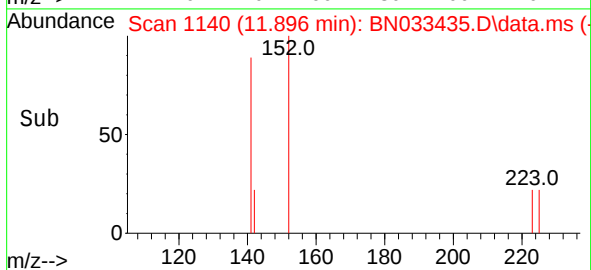
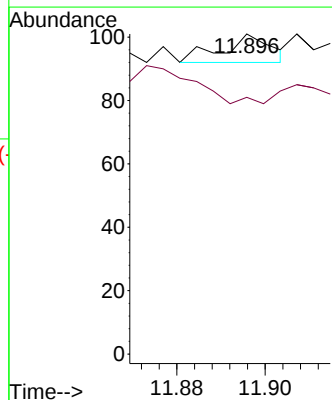
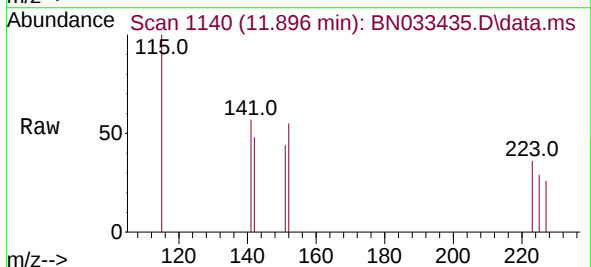
Instrument :
BNA_N
ClientSampleId :
931-K1-WPO-0-0.25-073124

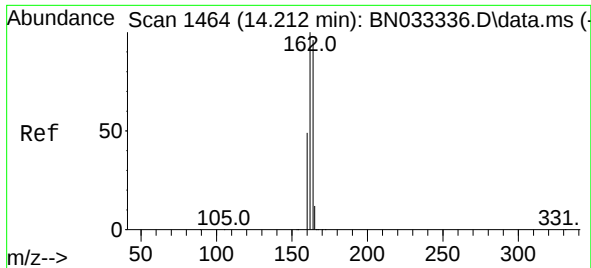
Tgt Ion: 82 Resp: 1687145
Ion Ratio Lower Upper
82 100
128 45.5 29.0 43.4#
54 49.6 50.2 75.4#



#11
2-Methylnaphthalene-d10
Concen: 0.000 ng
RT: 11.896 min Scan# 1140
Delta R.T. -0.034 min
Lab File: BN033435.D
Acq: 16 Aug 2024 17:51

Tgt Ion:152 Resp: 7
Ion Ratio Lower Upper
152 100
151 0.0 16.7 25.1#

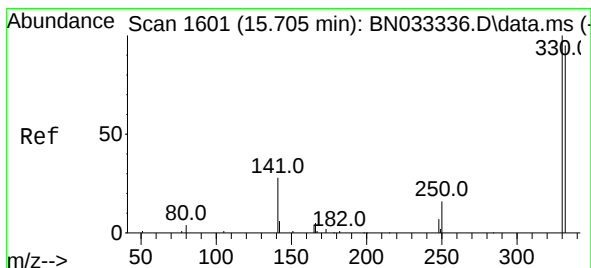
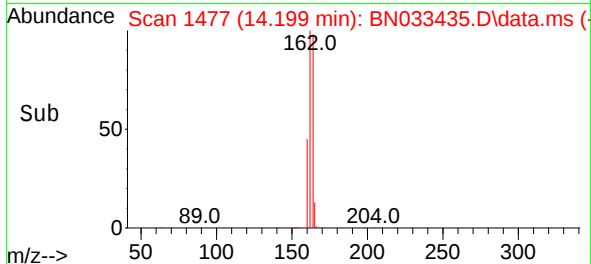
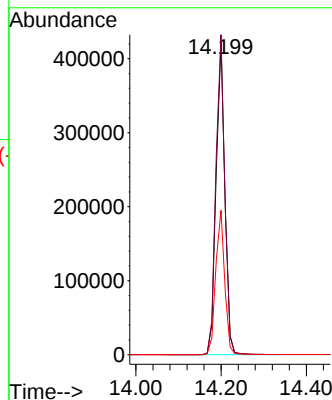
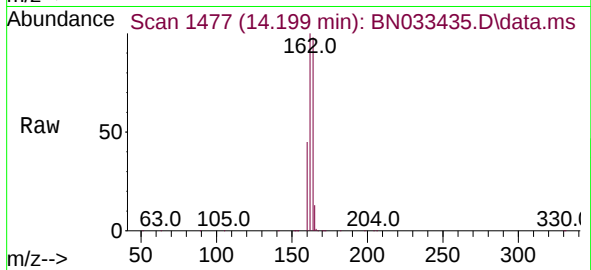




#13
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.199 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BN033435.D
Acq: 16 Aug 2024 17:51

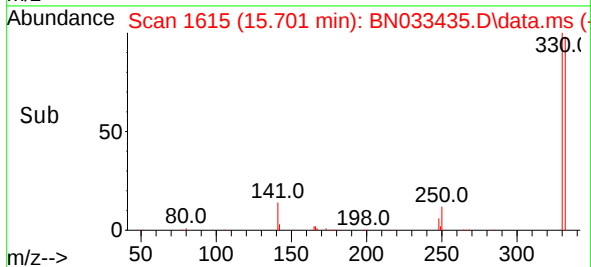
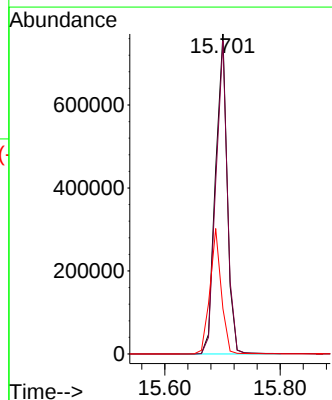
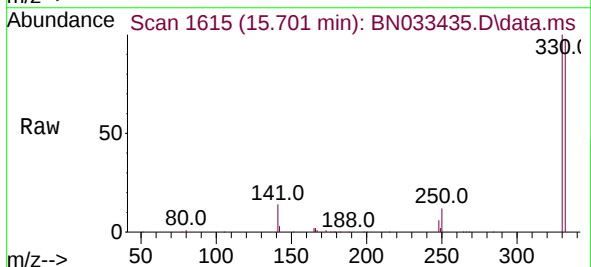
Instrument :
BNA_N
ClientSampleId :
931-K1-WPO-0-0.25-073124

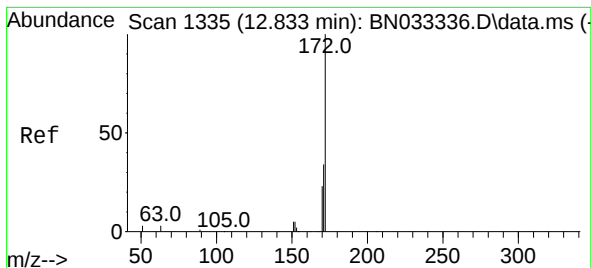
Tgt Ion:164 Resp: 603742
Ion Ratio Lower Upper
164 100
162 102.5 83.1 124.7
160 46.2 41.1 61.7



#14
2,4,6-Tribromophenol
Concen: 174.295 ng
RT: 15.701 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BN033435.D
Acq: 16 Aug 2024 17:51

Tgt Ion:330 Resp: 1079772
Ion Ratio Lower Upper
330 100
332 96.9 77.1 115.7
141 38.1 33.4 50.0





#15

2-Fluorobiphenyl

Concen: 75.091 ng

RT: 12.820 min Scan# 14

Delta R.T. 0.000 min

Lab File: BN033435.D

Acq: 16 Aug 2024 17:51

Instrument :

BNA_N

ClientSampleId :

931-K1-WPO-0-0.25-073124

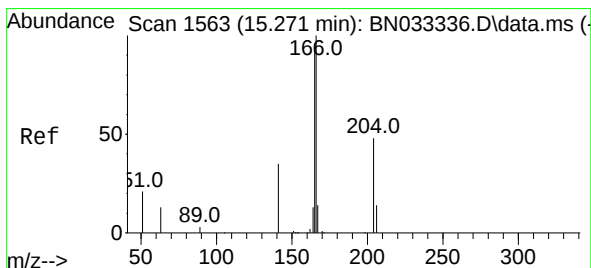
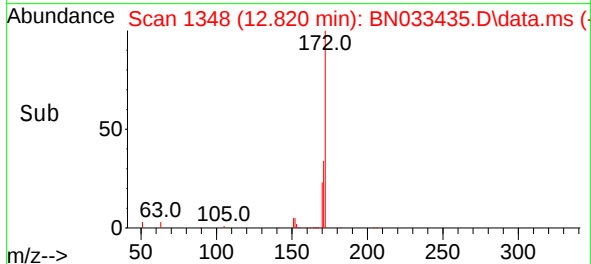
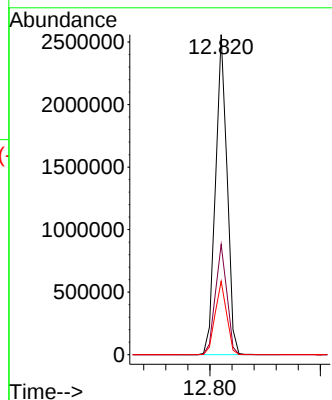
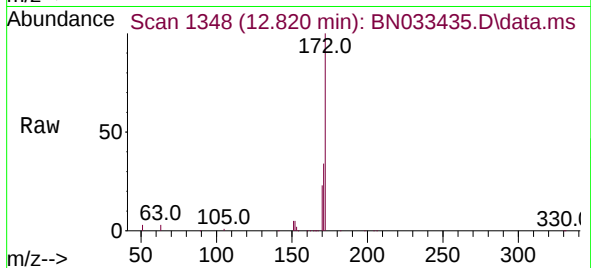
Tgt Ion:172 Resp: 3716796

Ion Ratio Lower Upper

172 100

171 34.4 27.8 41.8

170 22.9 18.7 28.1



#18

Fluorene

Concen: 0.028 ng

RT: 15.258 min Scan# 1576

Delta R.T. 0.000 min

Lab File: BN033435.D

Acq: 16 Aug 2024 17:51

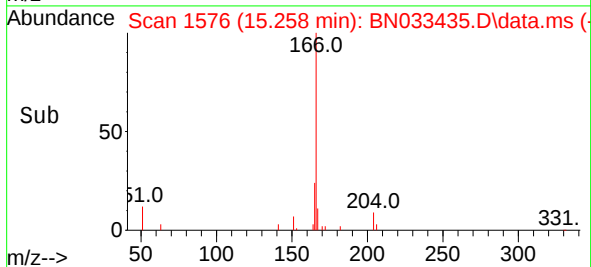
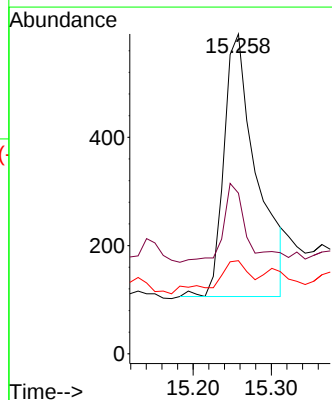
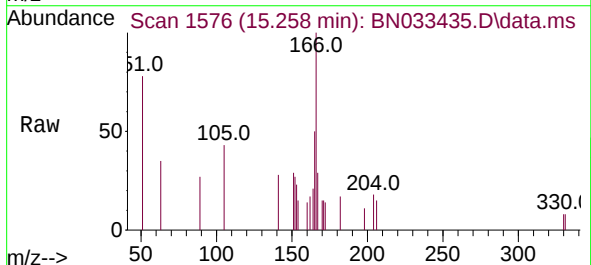
Tgt Ion:166 Resp: 1404

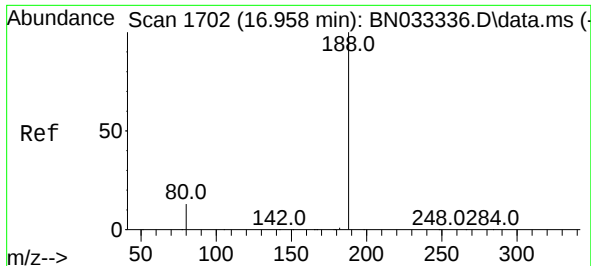
Ion Ratio Lower Upper

166 100

165 21.2 78.0 117.0#

167 7.5 10.7 16.1#





#19

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.954 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN033435.D

Acq: 16 Aug 2024 17:51

Instrument :

BNA_N

ClientSampleId :

931-K1-WPO-0-0.25-073124

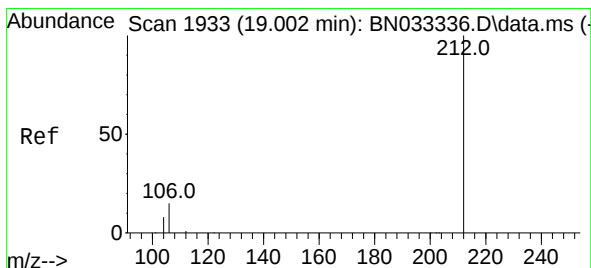
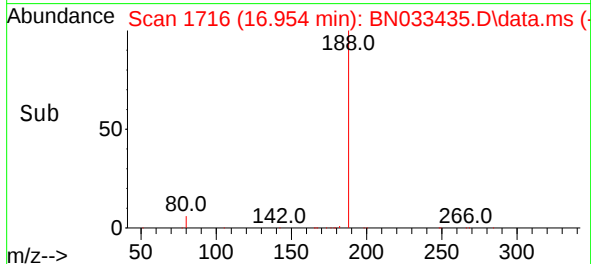
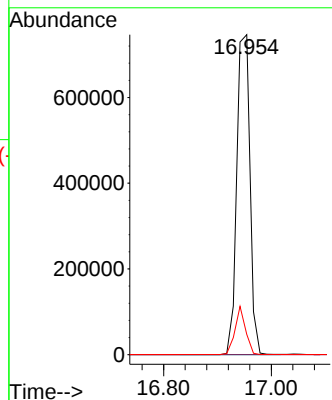
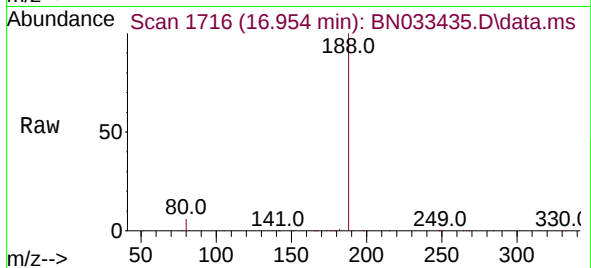
Tgt Ion:188 Resp: 1264688

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 6.4 10.7 16.1#



#27

Fluoranthene-d10

Concen: 0.002 ng

RT: 18.989 min Scan# 1945

Delta R.T. -0.005 min

Lab File: BN033435.D

Acq: 16 Aug 2024 17:51

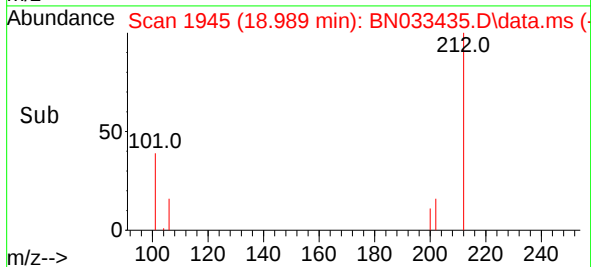
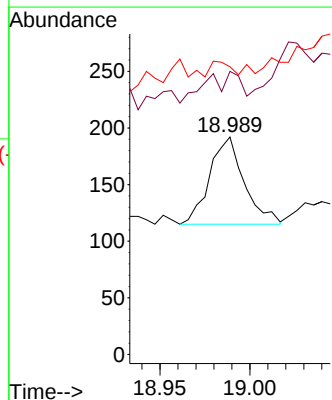
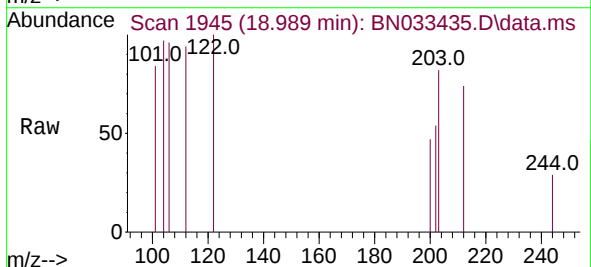
Tgt Ion:212 Resp: 103

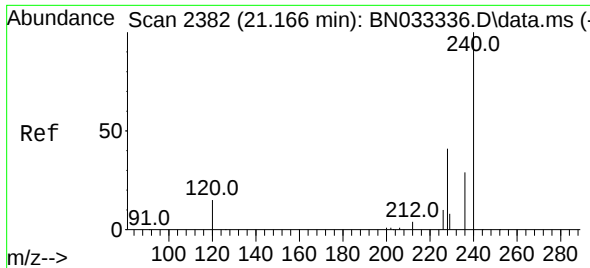
Ion Ratio Lower Upper

212 100

106 19.4 12.8 19.2#

104 10.7 7.1 10.7

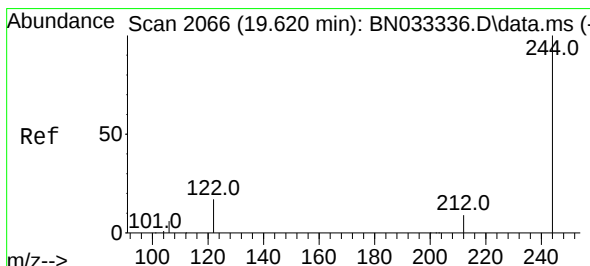
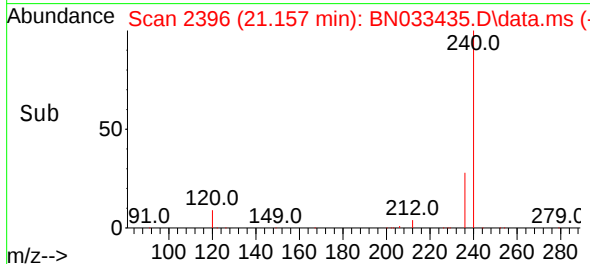
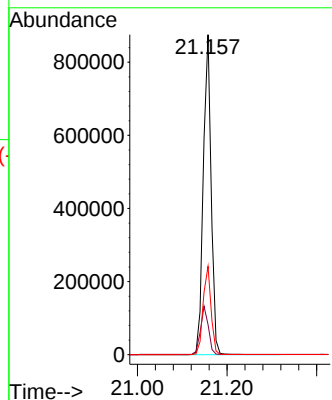
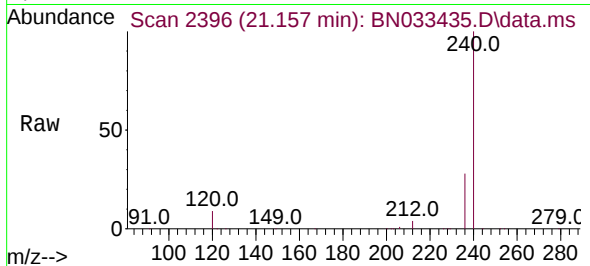




#29
Chrysene-d12
Concen: 20.000 ng
RT: 21.157 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN033435.D
Acq: 16 Aug 2024 17:51

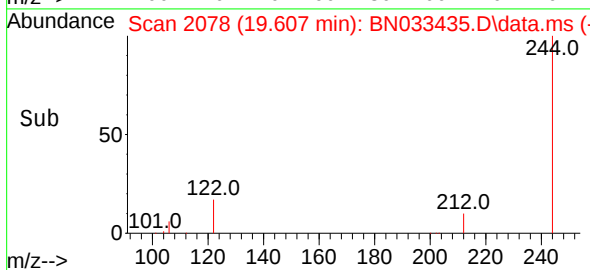
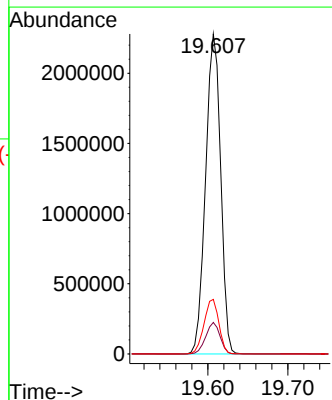
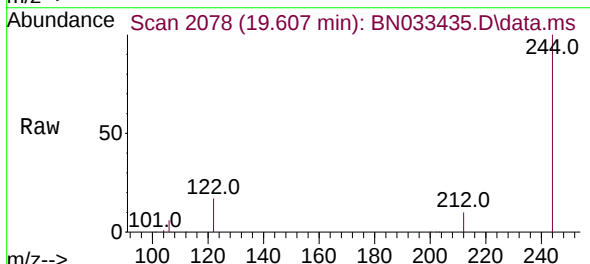
Instrument :
BNA_N
ClientSampleId :
931-K1-WPO-0-0.25-073124

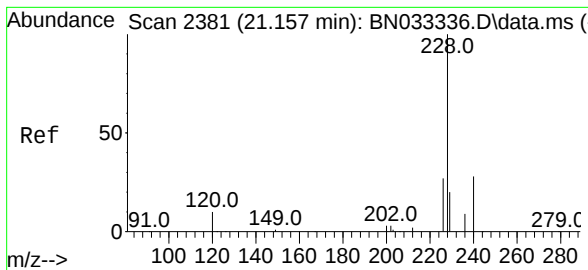
Tgt Ion:240 Resp: 1067328
Ion Ratio Lower Upper
240 100
120 9.4 13.0 19.6#
236 27.6 23.2 34.8



#31
Terphenyl-d14
Concen: 73.933 ng
RT: 19.607 min Scan# 2078
Delta R.T. 0.000 min
Lab File: BN033435.D
Acq: 16 Aug 2024 17:51

Tgt Ion:244 Resp: 2981566
Ion Ratio Lower Upper
244 100
212 9.8 7.7 11.5
122 17.1 14.0 21.0





#32

Benzo(a)anthracene

Concen: 0.062 ng

RT: 21.157 min Scan# 2381

Delta R.T. 0.018 min

Lab File: BN033435.D

Acq: 16 Aug 2024 17:51

Instrument :

BNA_N

ClientSampleId :

931-K1-WPO-0-0.25-073124

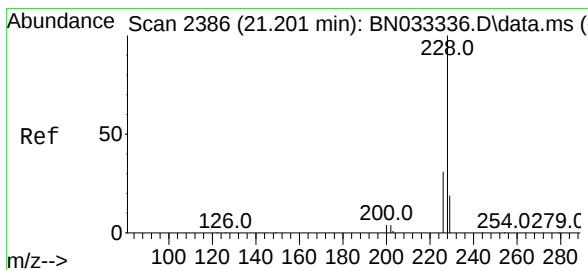
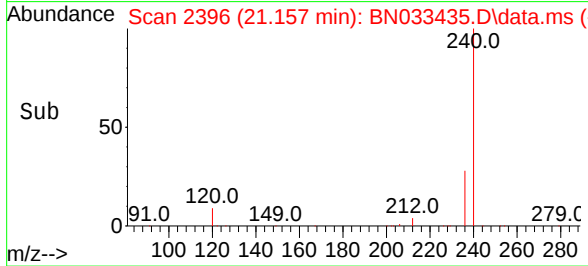
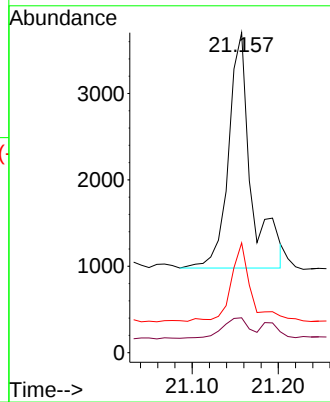
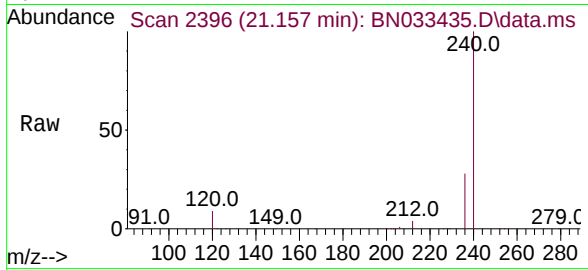
Tgt Ion:228 Resp: 4950

Ion Ratio Lower Upper

228 100

226 10.9 21.6 32.4#

229 34.3 15.9 23.9#



#33

Chrysene

Concen: 0.062 ng

RT: 21.157 min Scan# 2396

Delta R.T. -0.036 min

Lab File: BN033435.D

Acq: 16 Aug 2024 17:51

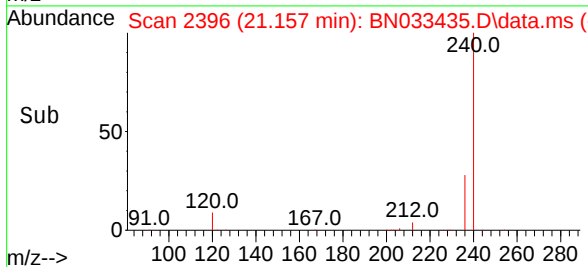
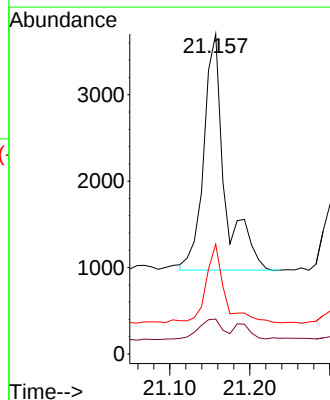
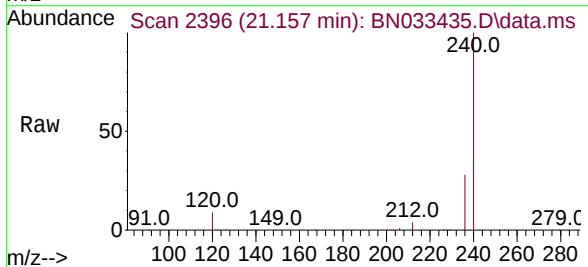
Tgt Ion:228 Resp: 5007

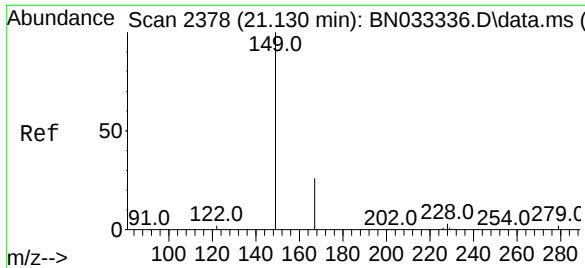
Ion Ratio Lower Upper

228 100

226 10.9 24.7 37.1#

229 34.3 15.4 23.2#

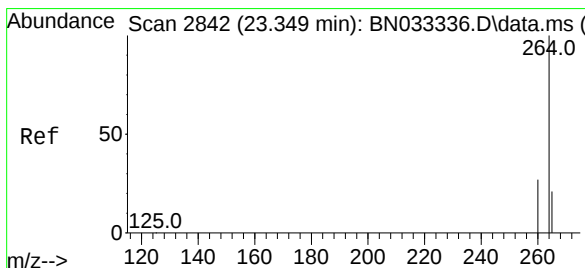
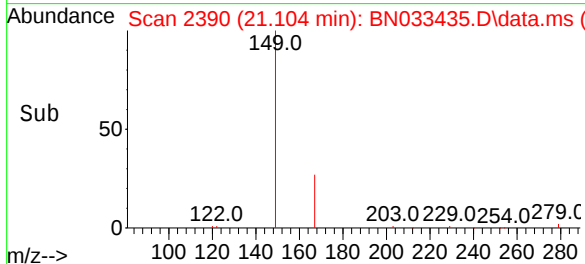
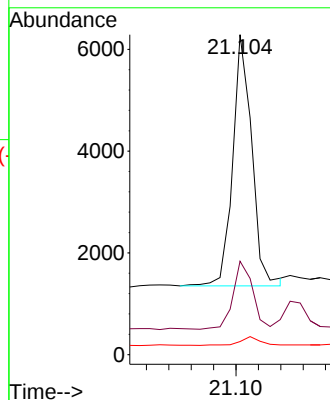
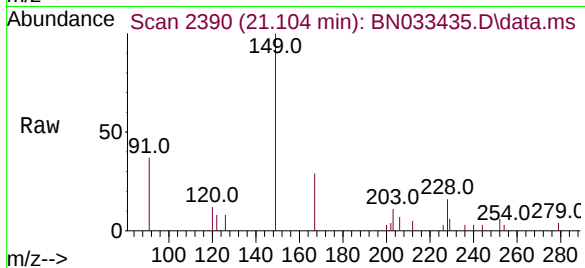




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.161 ng
RT: 21.104 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN033435.D
Acq: 16 Aug 2024 17:51

Instrument :
BNA_N
ClientSampleId :
931-K1-WPO-0-0.25-073124

Tgt Ion:149 Resp: 5837
Ion Ratio Lower Upper
149 100
167 28.0 20.9 31.3
279 3.6 2.2 3.4#



#35
Perylene-d12
Concen: 20.000 ng
RT: 23.332 min Scan# 2851
Delta R.T. 0.000 min
Lab File: BN033435.D
Acq: 16 Aug 2024 17:51

Tgt Ion:264 Resp: 1138568
Ion Ratio Lower Upper
264 100
260 26.2 21.6 32.4
265 22.0 29.3 43.9#

