

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081724\
 Data File : BN033434.D
 Acq On : 16 Aug 2024 17:15
 Operator : MA/JU
 Sample : P3430-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 50

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

Quant Time: Aug 16 17:59:38 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)

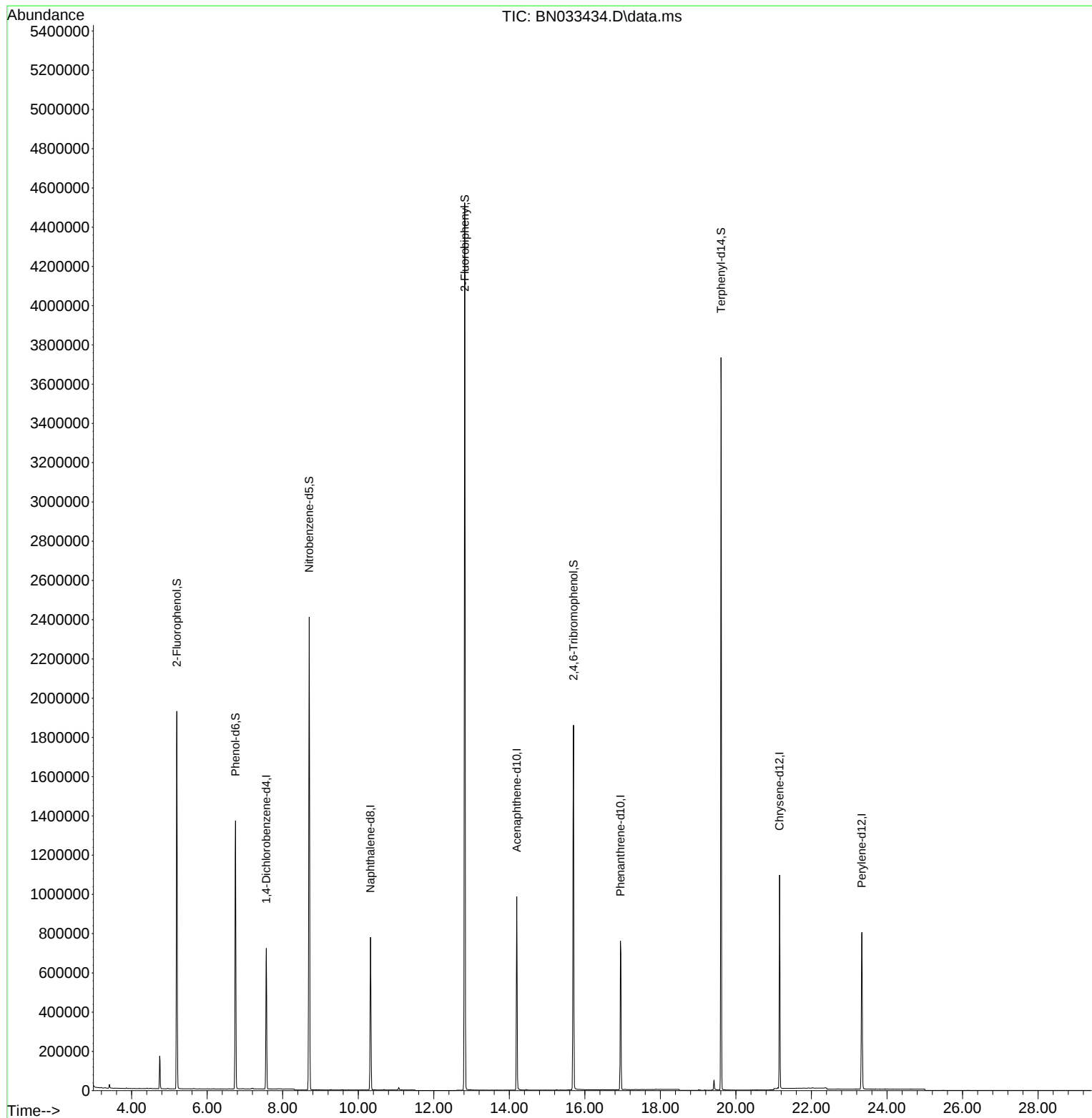
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.567	152	341133	20.000	ng	0.00
7) Naphthalene-d8	10.325	136	952177	20.000	ng	#-0.01
13) Acenaphthene-d10	14.199	164	540304	20.000	ng	0.00
19) Phenanthrene-d10	16.942	188	1101469	20.000	ng	-0.01
29) Chrysene-d12	21.157	240	904037	20.000	ng	0.00
35) Perylene-d12	23.335	264	966674	20.000	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.198	112	1414197	75.046	ng	0.00
5) Phenol-d6	6.750	99	1179061	46.322	ng	0.00
8) Nitrobenzene-d5	8.702	82	1751671	121.955	ng	0.00
11) 2-Methylnaphthalene-d10	11.922	152	5	0.000	ng	0.00
14) 2,4,6-Tribromophenol	15.700	330	1043805	188.272	ng	0.00
15) 2-Fluorobiphenyl	12.820	172	3788249	85.520	ng	0.00
27) Fluoranthene-d10	18.989	212	107	0.002	ng	0.00
31) Terphenyl-d14	19.607	244	3508374	102.709	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.190	88	1224	0.161	ng	# 24
3) n-Nitrosodimethylamine	3.407	42	2382	0.244	ng	# 1
17) Acenaphthene	14.263	154	884	0.026	ng	96
18) Fluorene	15.258	166	2101	0.046	ng	# 62
25) Phenanthrene	16.991	178	1496	0.024	ng	# 79
28) Fluoranthene	19.017	202	3125	0.040	ng	97
30) Pyrene	19.384	202	2125	0.030	ng	# 91
32) Benzo(a)anthracene	21.157	228	3880	0.057	ng	# 70
33) Chrysene	21.157	228	3637	0.053	ng	# 66
34) Bis(2-ethylhexyl)phtha...	21.112	149	4409	0.144	ng	# 98

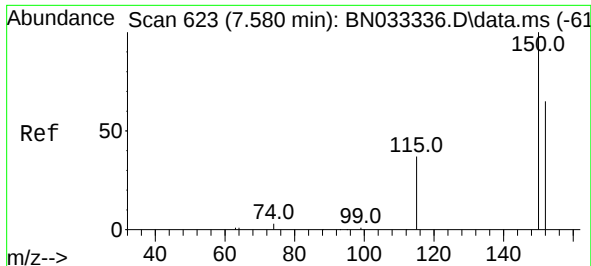
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081724\
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926-K1-WPO-0-0.25-073124

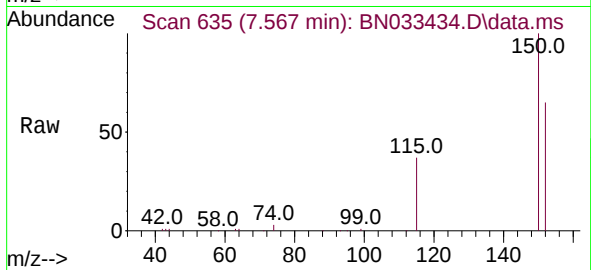
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 16 04:44:11 2024
Response via : Initial Calibration



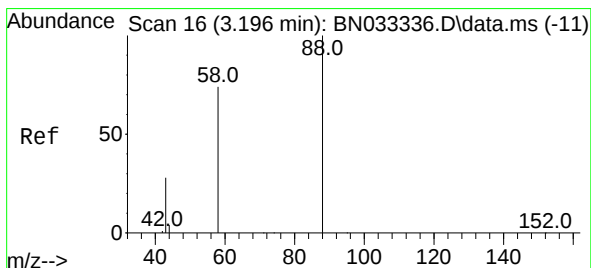
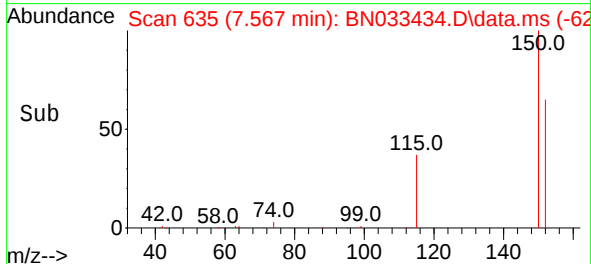
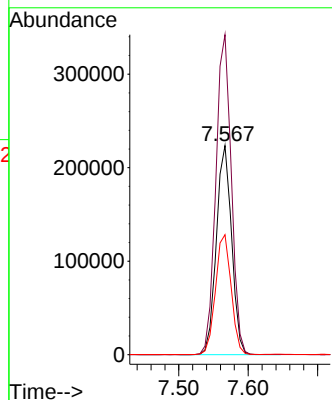


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.567 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN033434.D
Acq: 16 Aug 2024 17:15

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

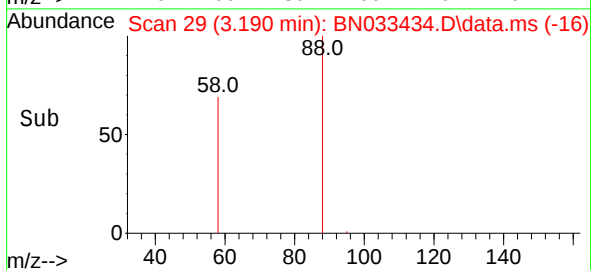
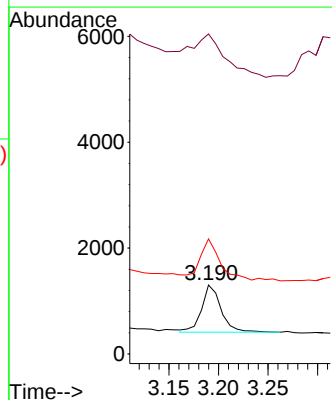
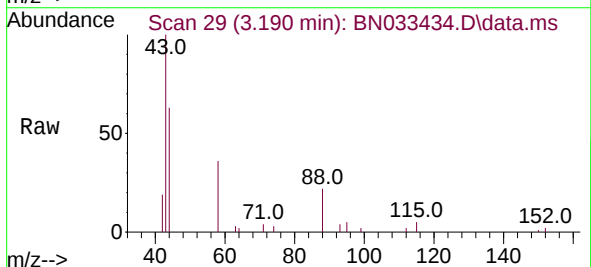


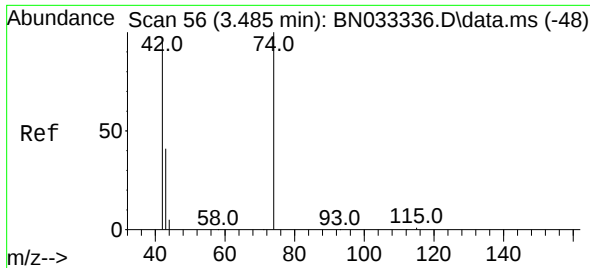
Tgt Ion:152 Resp: 341133
Ion Ratio Lower Upper
152 100
150 153.1 122.3 183.5
115 57.4 48.8 73.2



#2
1,4-Dioxane
Concen: 0.161 ng
RT: 3.190 min Scan# 29
Delta R.T. -0.007 min
Lab File: BN033434.D
Acq: 16 Aug 2024 17:15

Tgt Ion: 88 Resp: 1224
Ion Ratio Lower Upper
88 100
43 157.3 30.6 46.0#
58 97.6 64.5 96.7#

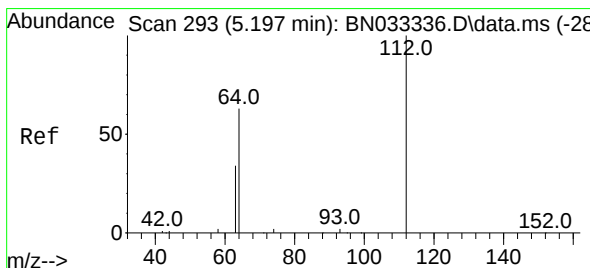
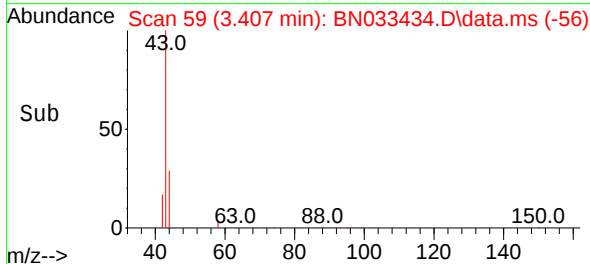
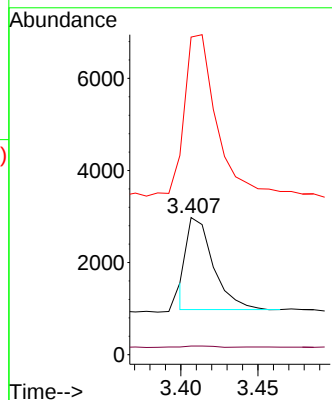
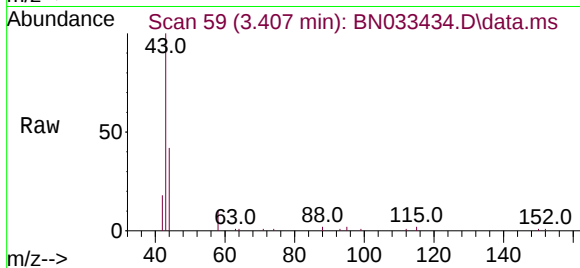




#3
 n-Nitrosodimethylamine
 Concen: 0.244 ng
 RT: 3.407 min Scan# 51
 Delta R.T. -0.079 min
 Lab File: BN033434.D
 Acq: 16 Aug 2024 17:15

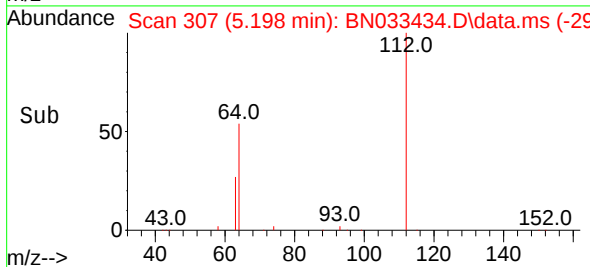
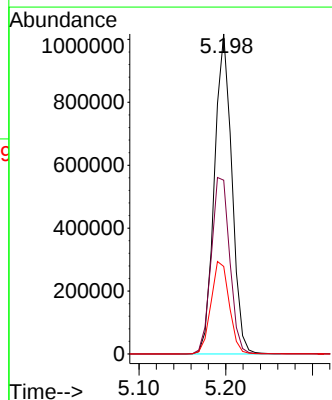
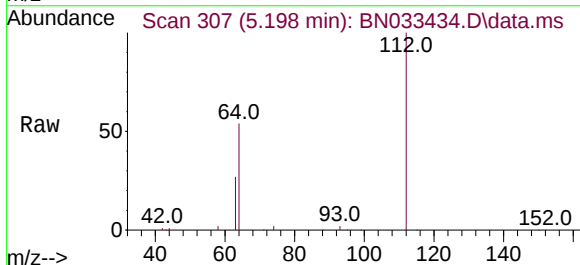
Instrument :
 BNA_N
 ClientSampleId :
 926-K1-WPO-0-0.25-073124

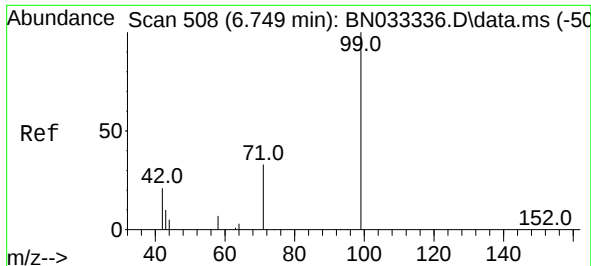
Tgt Ion: 42 Resp: 2382
 Ion Ratio Lower Upper
 42 100
 74 1.2 89.0 133.6#
 44 205.9 11.0 16.4#



#4
 2-Fluorophenol
 Concen: 75.046 ng
 RT: 5.198 min Scan# 307
 Delta R.T. 0.000 min
 Lab File: BN033434.D
 Acq: 16 Aug 2024 17:15

Tgt Ion: 112 Resp: 1414197
 Ion Ratio Lower Upper
 112 100
 64 58.8 48.1 72.1
 63 30.3 25.4 38.2

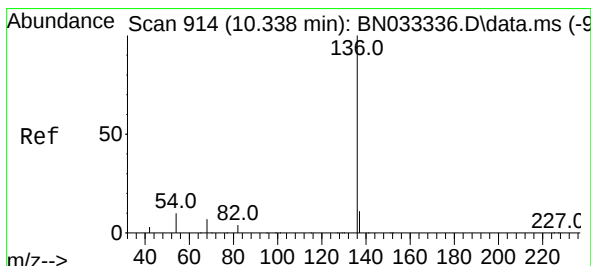
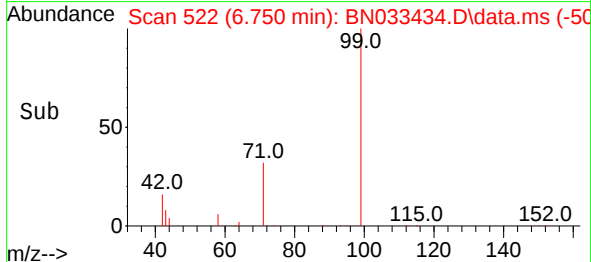
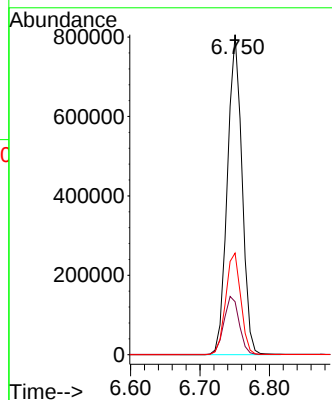
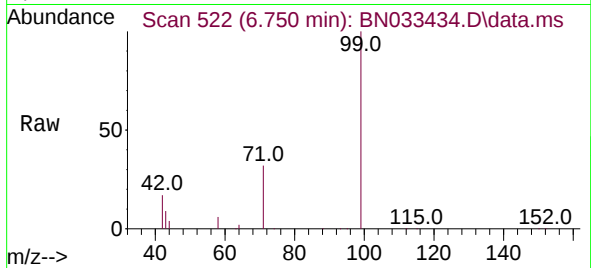




#5
Phenol-d6
Concen: 46.322 ng
RT: 6.750 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN033434.D
Acq: 16 Aug 2024 17:15

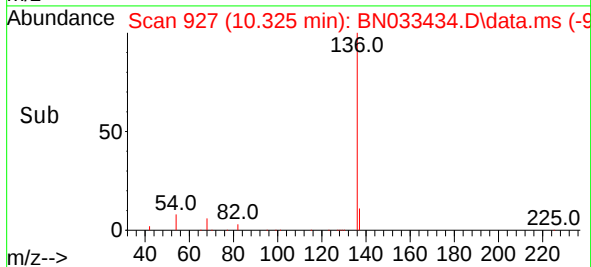
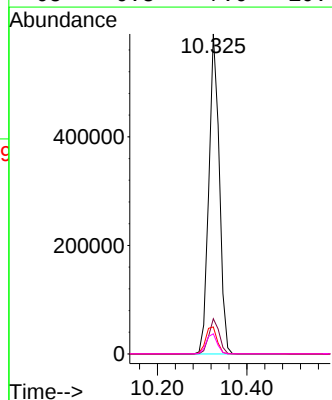
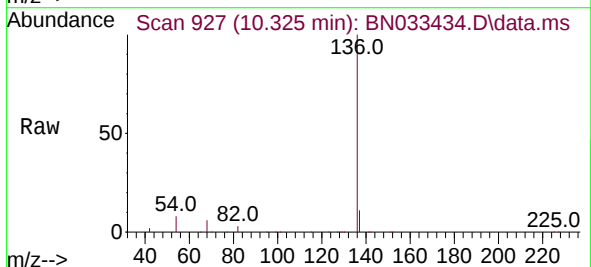
Instrument :
BNA_N
ClientSampleId :
926-K1-WPO-0-0.25-073124

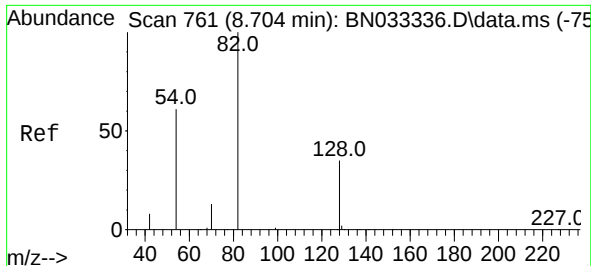
Tgt Ion: 99 Resp: 1179061
Ion Ratio Lower Upper
99 100
42 18.9 18.5 27.7
71 32.7 26.2 39.2



#7
Naphthalene-d8
Concen: 20.000 ng
RT: 10.325 min Scan# 927
Delta R.T. -0.011 min
Lab File: BN033434.D
Acq: 16 Aug 2024 17:15

Tgt Ion: 136 Resp: 952177
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 8.4 9.4 14.0#
68 6.3 7.0 10.4#

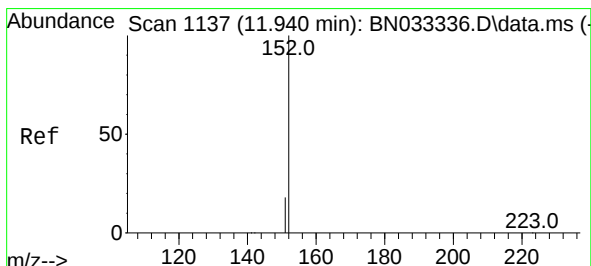
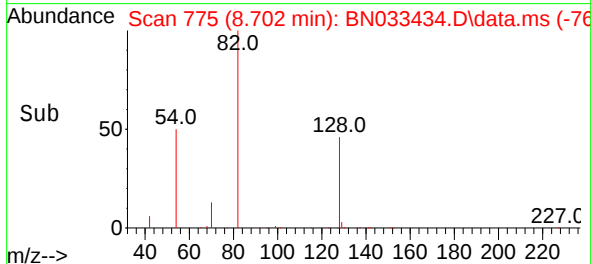
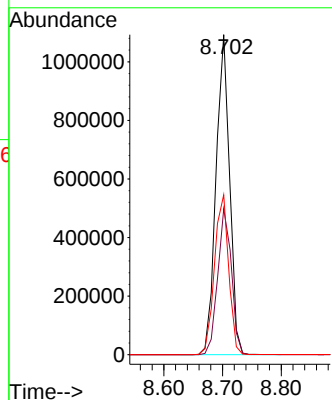
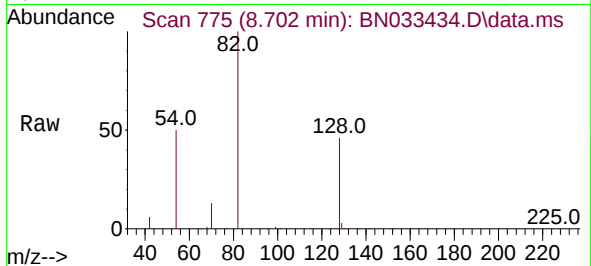




#8
Nitrobenzene-d5
Concen: 121.955 ng
RT: 8.702 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN033434.D
Acq: 16 Aug 2024 17:15

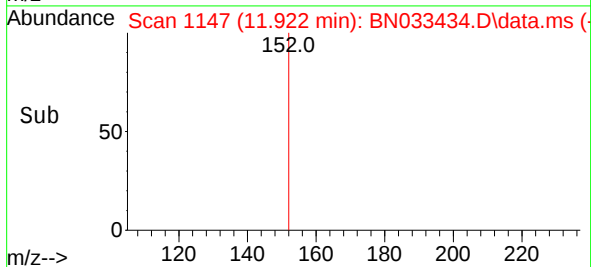
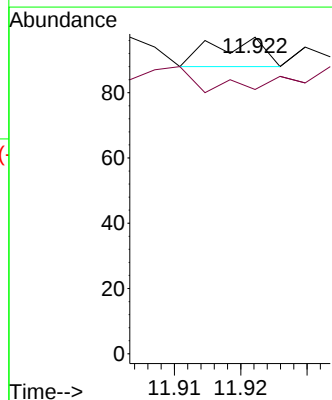
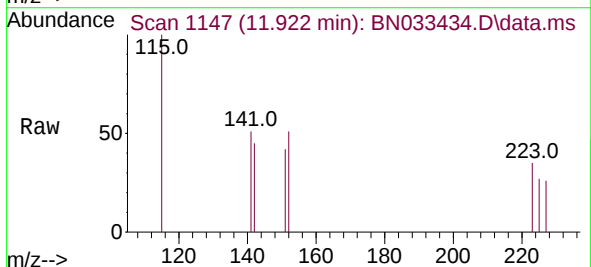
Instrument :
BNA_N
ClientSampleId :
926-K1-WPO-0-0.25-073124

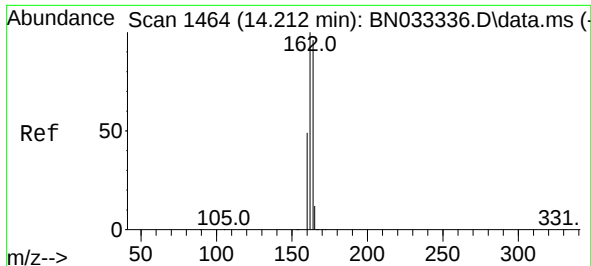
Tgt Ion: 82 Resp: 1751671
Ion Ratio Lower Upper
82 100
128 45.6 29.0 43.4#
54 50.0 50.2 75.4#



#11
2-Methylnaphthalene-d10
Concen: 0.000 ng
RT: 11.922 min Scan# 1147
Delta R.T. -0.008 min
Lab File: BN033434.D
Acq: 16 Aug 2024 17:15

Tgt Ion:152 Resp: 5
Ion Ratio Lower Upper
152 100
151 140.0 16.7 25.1#

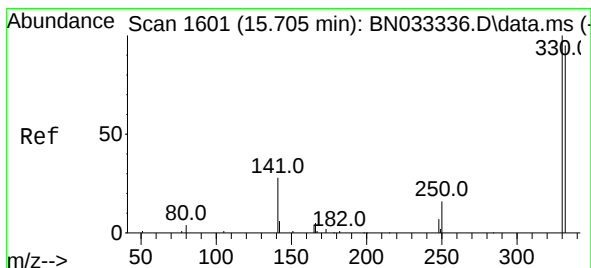
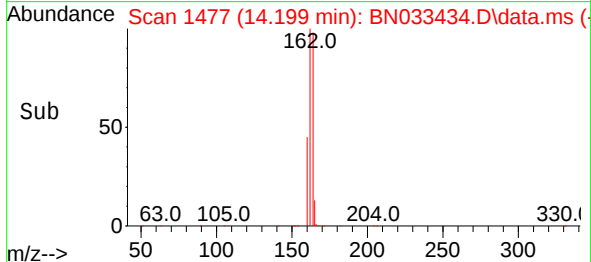
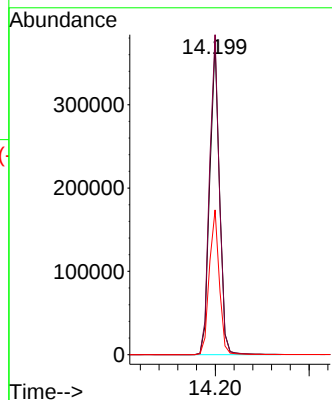
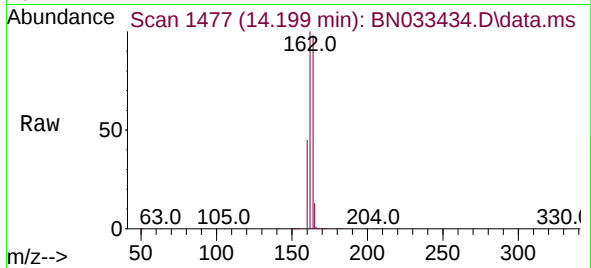




#13
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.199 min Scan# 14
 Delta R.T. 0.000 min
 Lab File: BN033434.D
 Acq: 16 Aug 2024 17:15

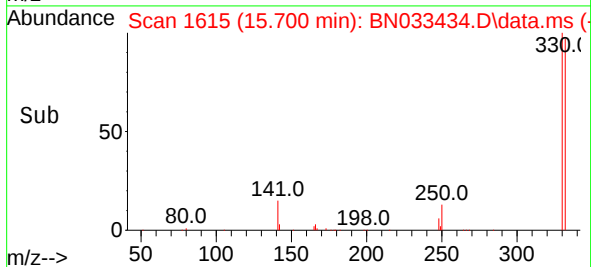
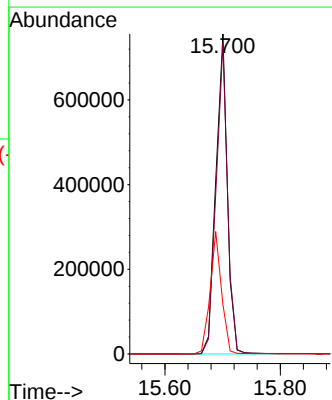
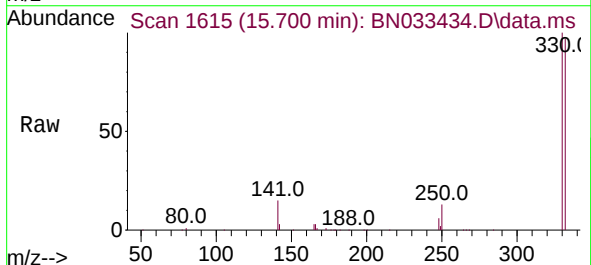
Instrument :
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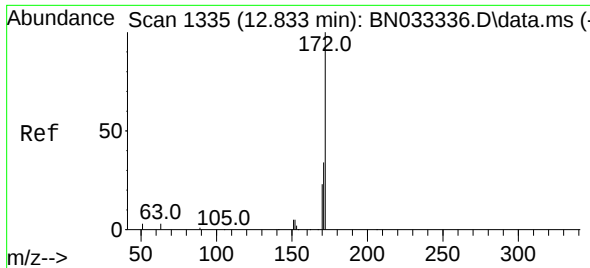
Tgt Ion:164 Resp: 540304
 Ion Ratio Lower Upper
 164 100
 162 102.5 83.1 124.7
 160 46.4 41.1 61.7



#14
 2,4,6-Tribromophenol
 Concen: 188.272 ng
 RT: 15.700 min Scan# 1615
 Delta R.T. 0.000 min
 Lab File: BN033434.D
 Acq: 16 Aug 2024 17:15

Tgt Ion:330 Resp: 1043805
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.1 115.7
 141 38.2 33.4 50.0

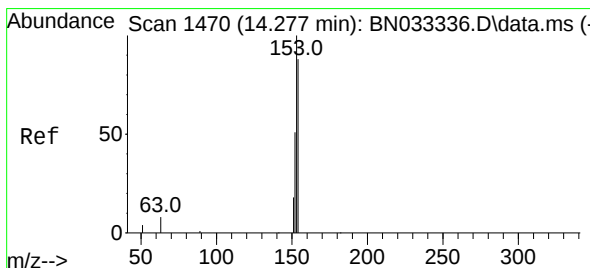
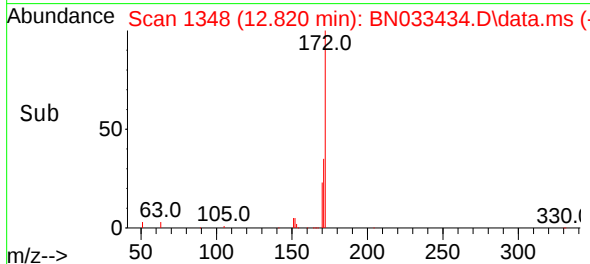
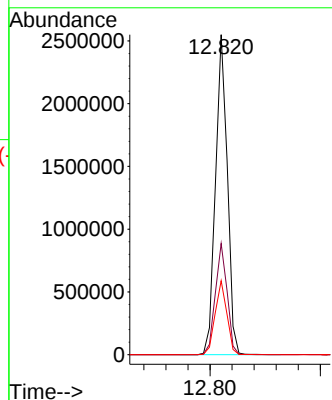
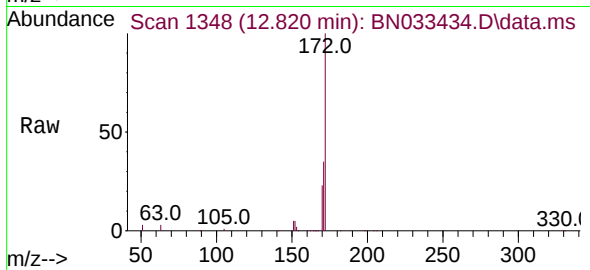




#15
2-Fluorobiphenyl
Concen: 85.520 ng
RT: 12.820 min Scan# 1482
Delta R.T. 0.000 min
Lab File: BN033434.D
Acq: 16 Aug 2024 17:15

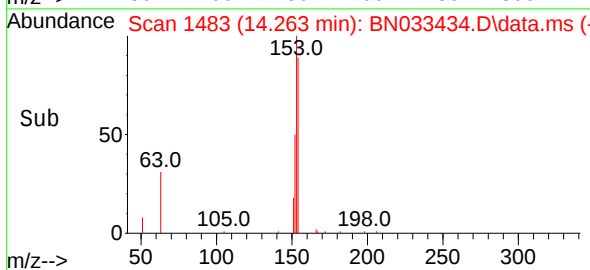
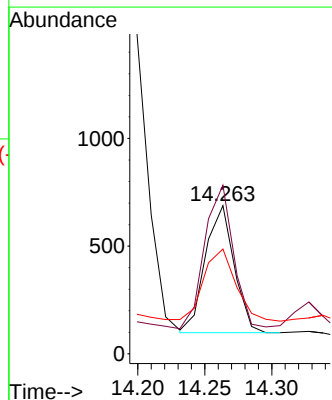
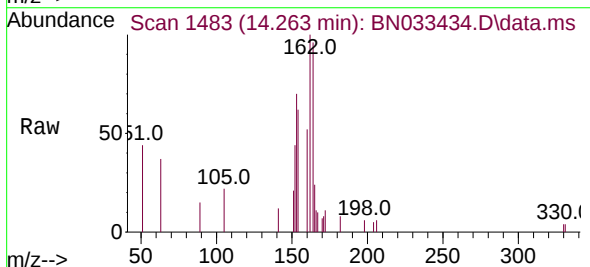
Instrument :
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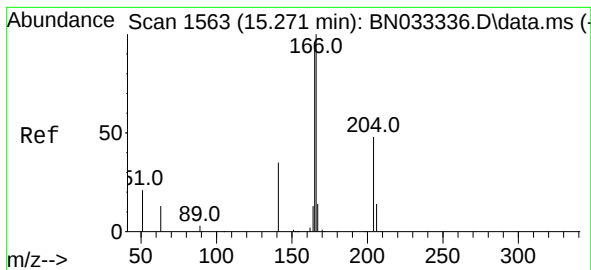
Tgt Ion:172 Resp: 3788249
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.8
170 23.1 18.7 28.1



#17
Acenaphthene
Concen: 0.026 ng
RT: 14.263 min Scan# 1483
Delta R.T. 0.000 min
Lab File: BN033434.D
Acq: 16 Aug 2024 17:15

Tgt Ion:154 Resp: 884
Ion Ratio Lower Upper
154 100
153 108.6 89.7 134.5
152 62.7 47.2 70.8





#18

Fluorene

Concen: 0.046 ng

RT: 15.258 min Scan# 1563

Delta R.T. 0.000 min

Lab File: BN033434.D

Acq: 16 Aug 2024 17:15

Instrument :

BNA_N

ClientSampleId :

926-K1-WPO-0-0.25-073124

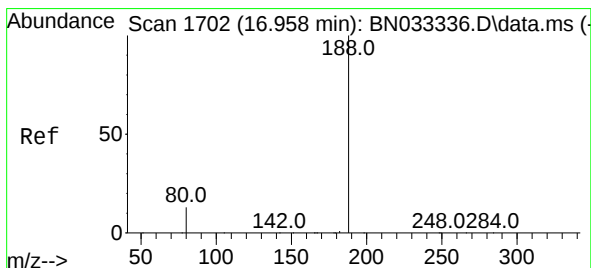
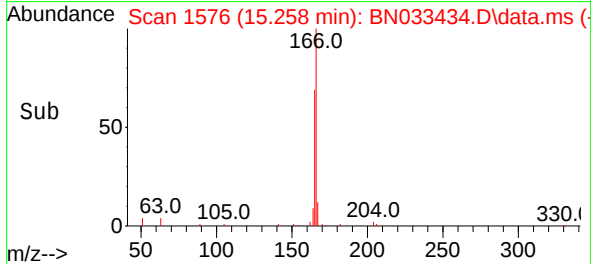
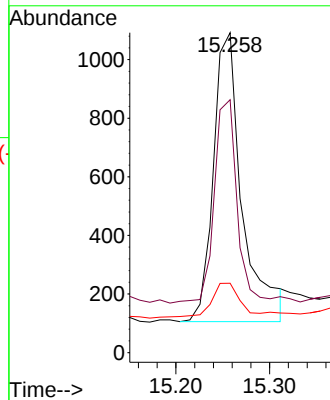
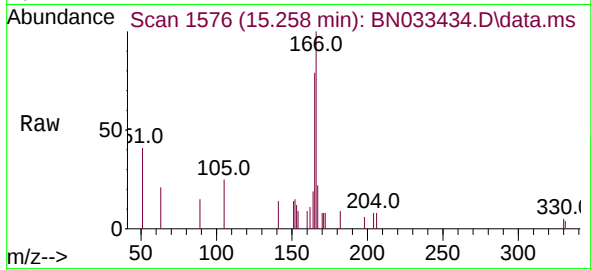
Tgt Ion:166 Resp: 2101

Ion Ratio Lower Upper

166 100

165 55.3 78.0 117.0#

167 11.5 10.7 16.1



#19

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.942 min Scan# 1715

Delta R.T. -0.012 min

Lab File: BN033434.D

Acq: 16 Aug 2024 17:15

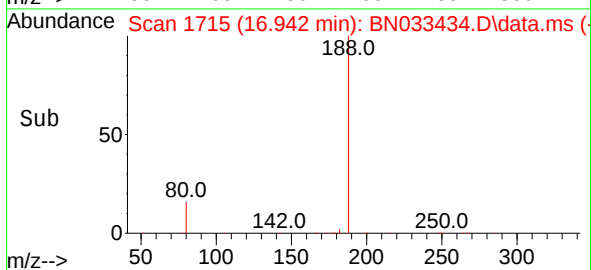
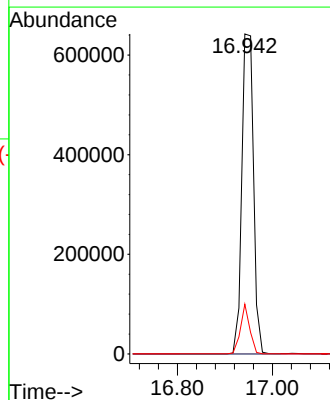
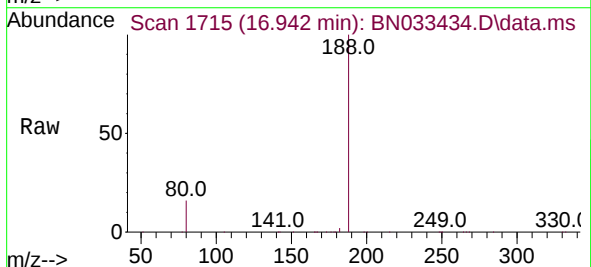
Tgt Ion:188 Resp: 1101469

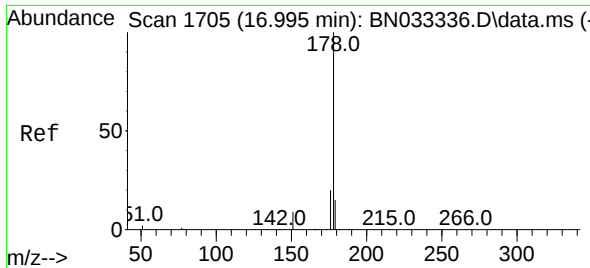
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 15.6 10.7 16.1

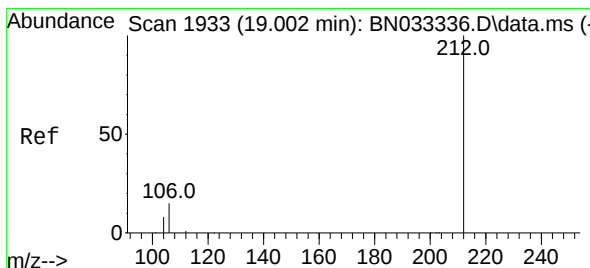
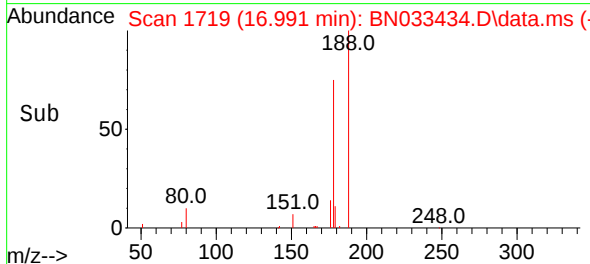
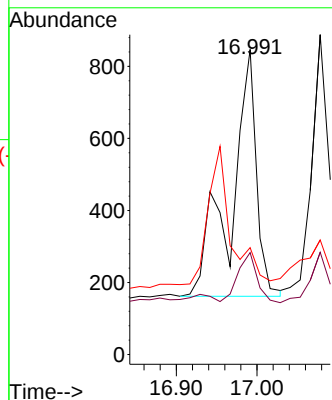
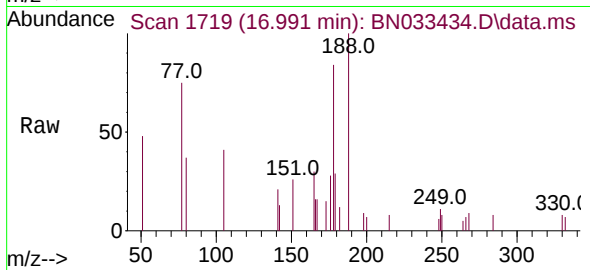




#25
Phenanthrene
Concen: 0.024 ng
RT: 16.991 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN033434.D
Acq: 16 Aug 2024 17:15

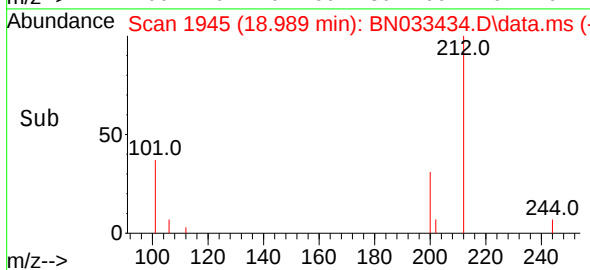
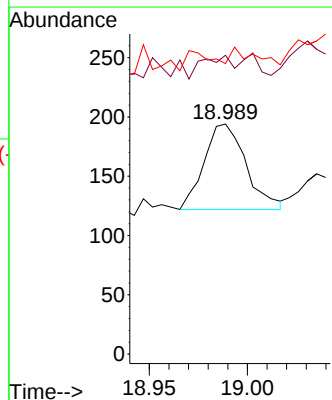
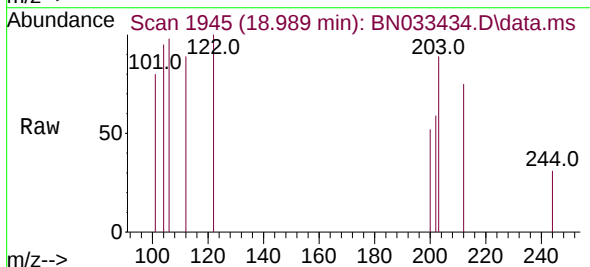
Instrument :
BNA_N
ClientSampleId :
926-K1-WPO-0-0.25-073124

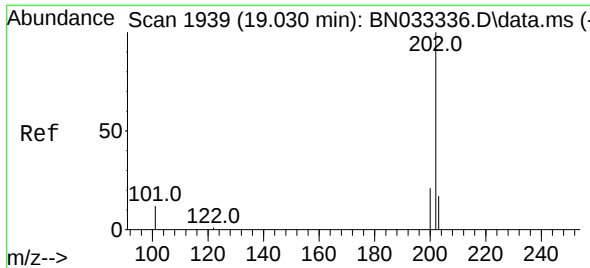
Tgt Ion:178 Resp: 1496
Ion Ratio Lower Upper
178 100
176 15.3 15.4 23.0#
179 0.0 12.2 18.2#



#27
Fluoranthene-d10
Concen: 0.002 ng
RT: 18.989 min Scan# 1945
Delta R.T. -0.005 min
Lab File: BN033434.D
Acq: 16 Aug 2024 17:15

Tgt Ion:212 Resp: 107
Ion Ratio Lower Upper
212 100
106 19.6 12.8 19.2#
104 10.3 7.1 10.7

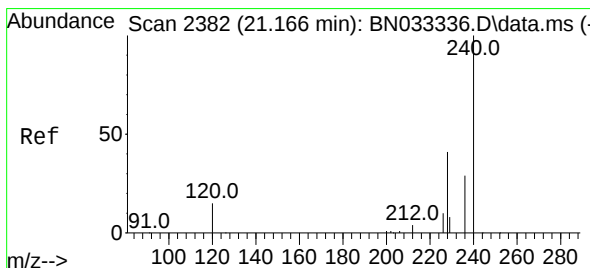
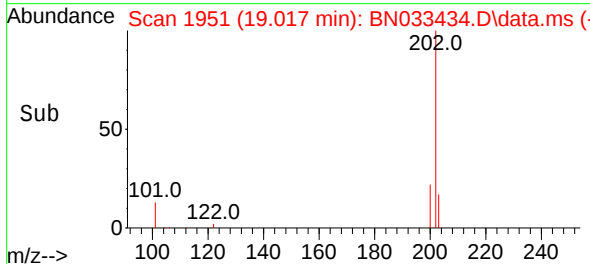
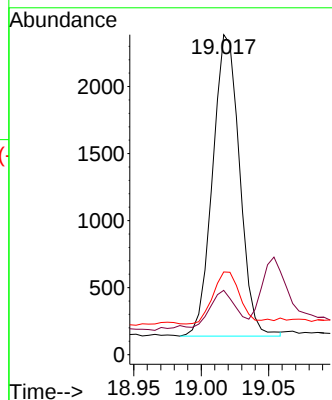
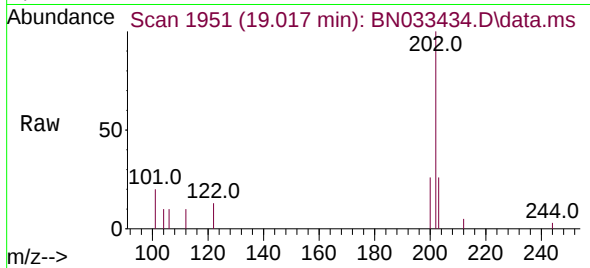




#28
Fluoranthene
Concen: 0.040 ng
RT: 19.017 min Scan# 1951
Delta R.T. -0.005 min
Lab File: BN033434.D
Acq: 16 Aug 2024 17:15

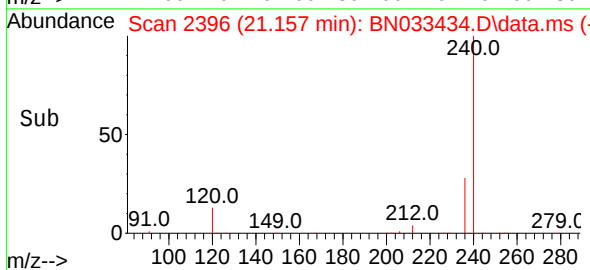
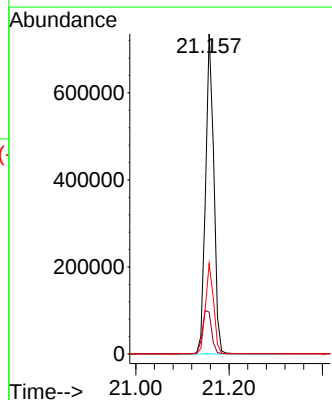
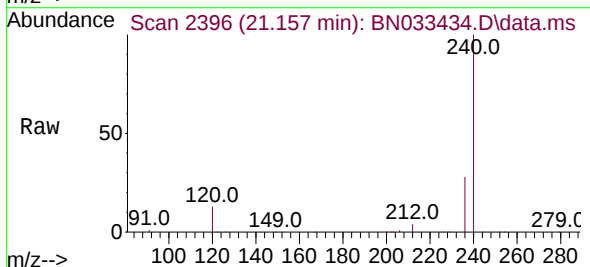
Instrument :
BNA_N
ClientSampleId :
926-K1-WPO-0-0.25-073124

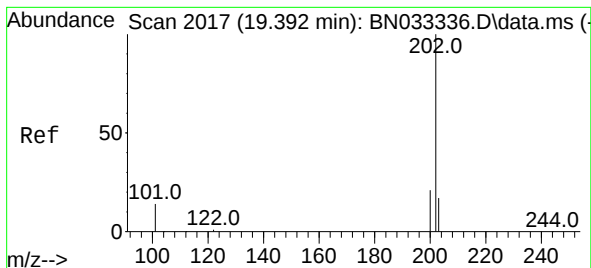
Tgt Ion:	202	Resp:	3125
Ion Ratio	Lower	Upper	
202	100		
101	14.6	9.8	14.6
203	17.3	13.8	20.6



#29
Chrysene-d12
Concen: 20.000 ng
RT: 21.157 min Scan# 2396
Delta R.T. 0.000 min
Lab File: BN033434.D
Acq: 16 Aug 2024 17:15

Tgt Ion:	240	Resp:	904037
Ion Ratio	Lower	Upper	
240	100		
120	13.1	13.0	19.6
236	28.3	23.2	34.8





#30

Pyrene

Concen: 0.030 ng

RT: 19.384 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BN033434.D

Acq: 16 Aug 2024 17:15

Instrument :

BNA_N

ClientSampleId :

926-K1-WPO-0-0.25-073124

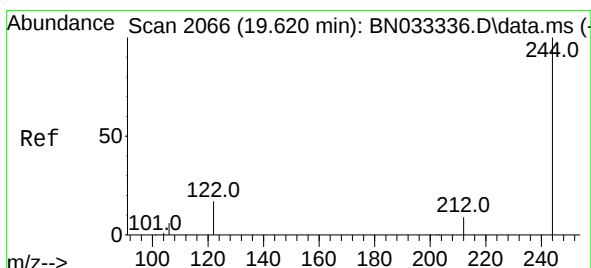
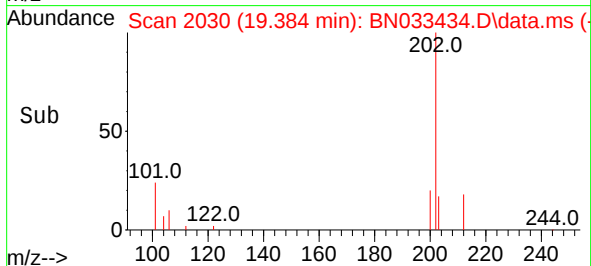
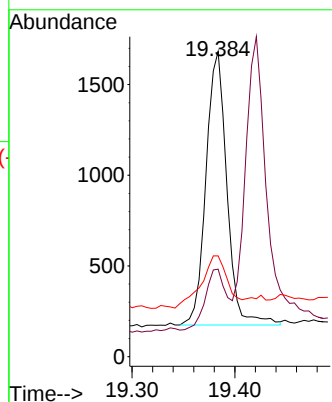
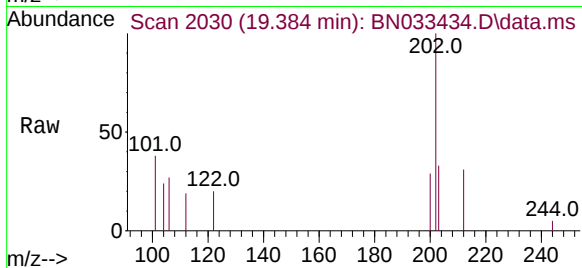
Tgt Ion:202 Resp: 2125

Ion Ratio Lower Upper

202 100

200 23.2 16.7 25.1

203 24.2 14.2 21.4#



#31

Terphenyl-d14

Concen: 102.709 ng

RT: 19.607 min Scan# 2078

Delta R.T. 0.000 min

Lab File: BN033434.D

Acq: 16 Aug 2024 17:15

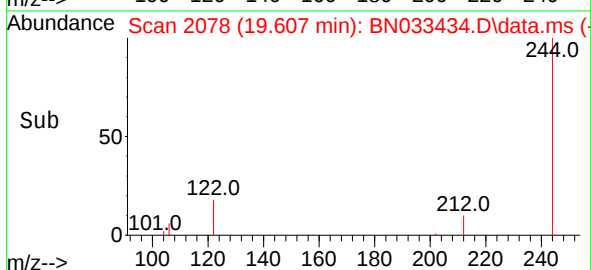
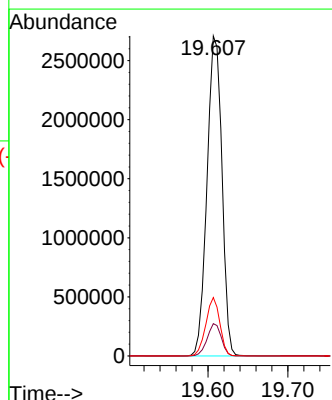
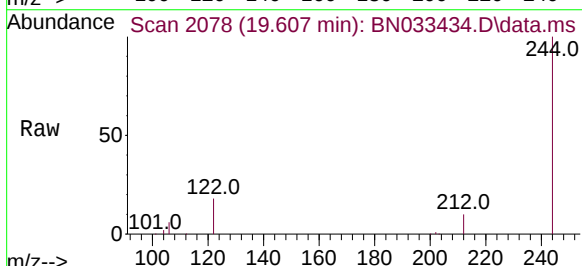
Tgt Ion:244 Resp: 3508374

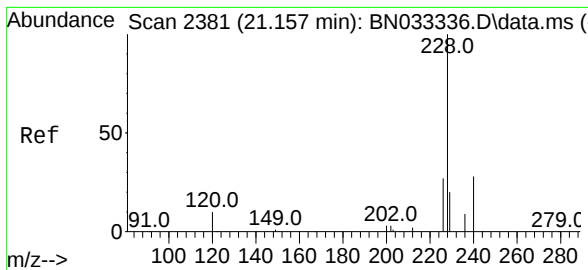
Ion Ratio Lower Upper

244 100

212 10.1 7.7 11.5

122 18.3 14.0 21.0





#32

Benzo(a)anthracene

Concen: 0.057 ng

RT: 21.157 min Scan# 2381

Delta R.T. 0.018 min

Lab File: BN033434.D

Acq: 16 Aug 2024 17:15

Instrument :

BNA_N

ClientSampleId :

926-K1-WPO-0-0.25-073124

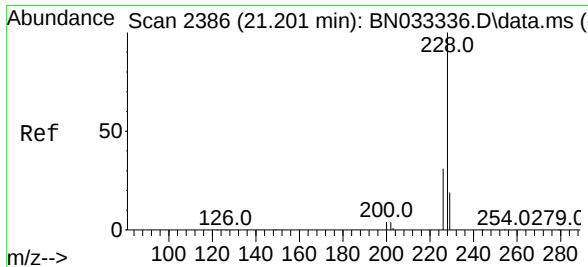
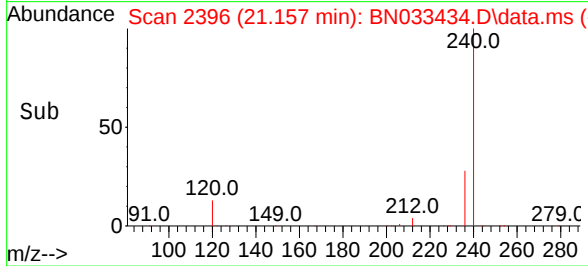
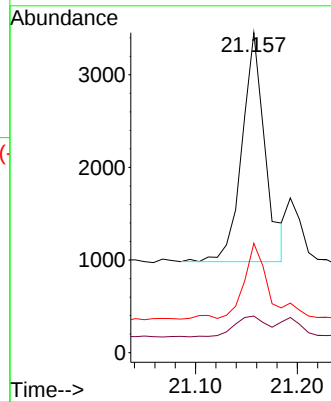
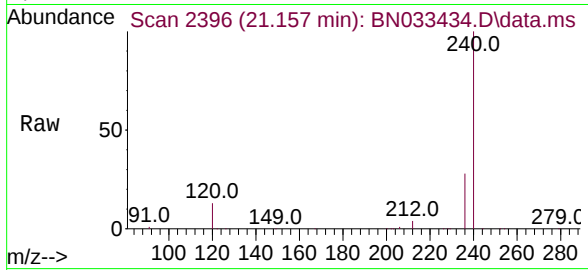
Tgt Ion:228 Resp: 3880

Ion Ratio Lower Upper

228 100

226 11.5 21.6 32.4#

229 34.2 15.9 23.9#



#33

Chrysene

Concen: 0.053 ng

RT: 21.157 min Scan# 2396

Delta R.T. -0.036 min

Lab File: BN033434.D

Acq: 16 Aug 2024 17:15

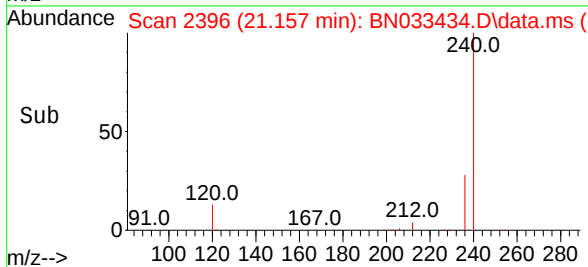
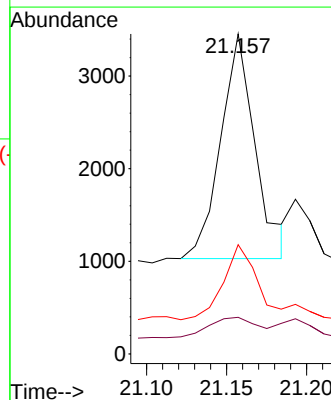
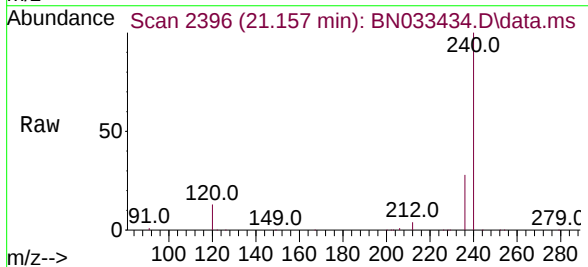
Tgt Ion:228 Resp: 3637

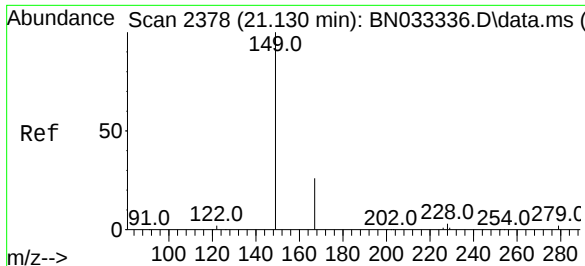
Ion Ratio Lower Upper

228 100

226 11.5 24.7 37.1#

229 34.2 15.4 23.2#

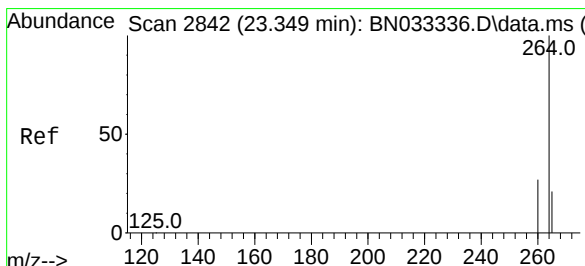
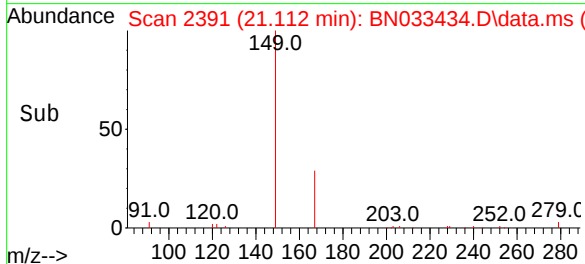
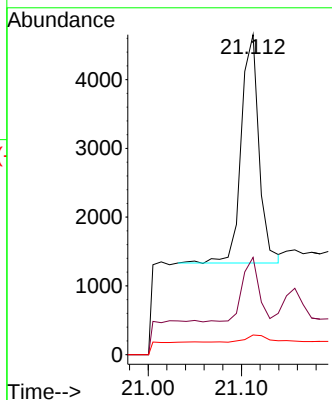
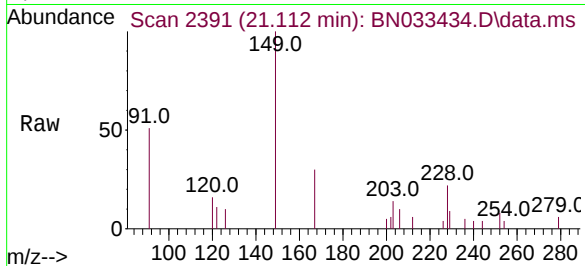




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.144 ng
RT: 21.112 min Scan# 2111
Delta R.T. 0.000 min
Lab File: BN033434.D
Acq: 16 Aug 2024 17:15

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

Tgt Ion:149 Resp: 4409
Ion Ratio Lower Upper
149 100
167 25.4 20.9 31.3
279 4.1 2.2 3.4#



#35
Perylene-d12
Concen: 20.000 ng
RT: 23.335 min Scan# 2852
Delta R.T. 0.003 min
Lab File: BN033434.D
Acq: 16 Aug 2024 17:15

Tgt Ion:264 Resp: 966674
Ion Ratio Lower Upper
264 100
260 26.2 21.6 32.4
265 22.2 29.3 43.9#

