

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081724\
 Data File : BN033432.D
 Acq On : 16 Aug 2024 16:02
 Operator : MA/JU
 Sample : P3430-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 50

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

Quant Time: Aug 16 16:48:39 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)

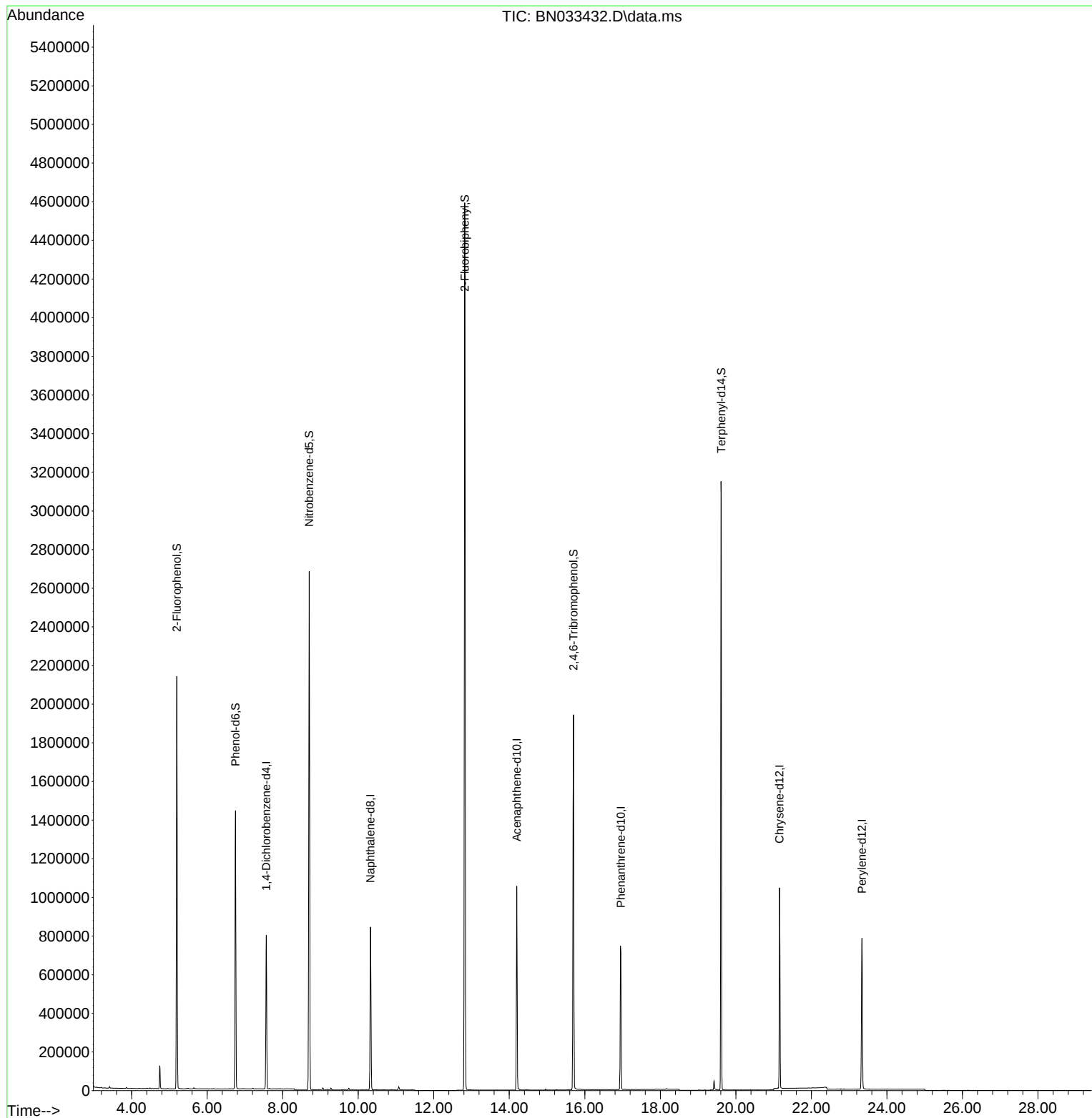
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.567	152	375314	20.000	ng	0.00
7) Naphthalene-d8	10.325	136	1036148	20.000	ng	#-0.01
13) Acenaphthene-d10	14.199	164	565612	20.000	ng	0.00
19) Phenanthrene-d10	16.954	188	1100832	20.000	ng	# 0.00
29) Chrysene-d12	21.157	240	883764	20.000	ng	0.00
35) Perylene-d12	23.338	264	935153	20.000	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.198	112	1546239	74.580	ng	0.00
5) Phenol-d6	6.751	99	1241640	44.338	ng	0.00
8) Nitrobenzene-d5	8.702	82	1936111	123.872	ng	0.00
11) 2-Methylnaphthalene-d10	11.896	152	17	0.001	ng	-0.03
14) 2,4,6-Tribromophenol	15.701	330	1107987	190.906	ng	0.00
15) 2-Fluorobiphenyl	12.820	172	4014916	86.582	ng	0.00
27) Fluoranthene-d10	18.989	212	118	0.002	ng	0.00
31) Terphenyl-d14	19.611	244	3131062	93.766	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.190	88	1545	0.185	ng	# 60
3) n-Nitrosodimethylamine	3.414	42	1106	0.103	ng	# 1
18) Fluorene	15.258	166	2651	0.056	ng	# 41
25) Phenanthrene	16.991	178	1815	0.029	ng	# 81
28) Fluoranthene	19.017	202	1918	0.024	ng	98
32) Benzo(a)anthracene	21.157	228	3831	0.058	ng	# 71
33) Chrysene	21.157	228	3645	0.055	ng	# 67
34) Bis(2-ethylhexyl)phtha...	21.113	149	3395	0.113	ng	# 96
37) Benzo(b)fluoranthene	22.692	252	1432	0.020	ng	# 1

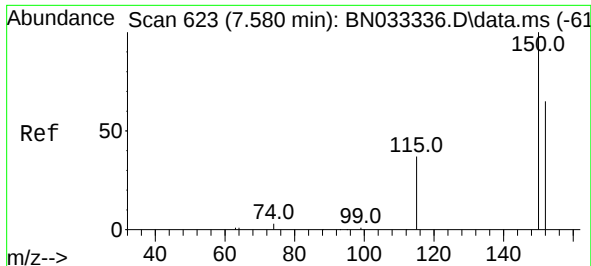
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

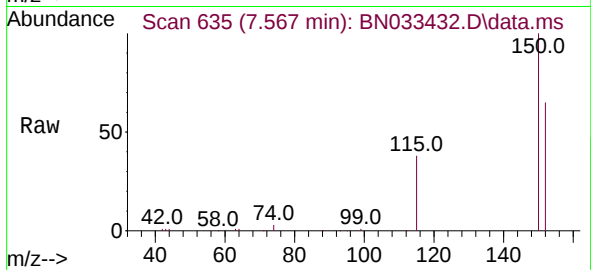
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 16 04:44:11 2024
Response via : Initial Calibration



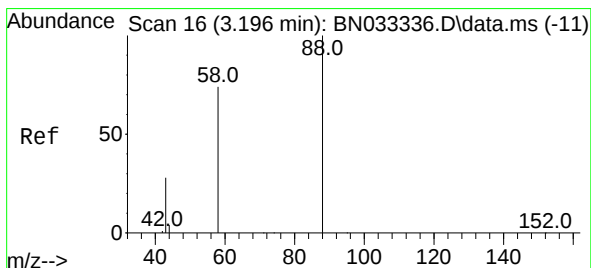
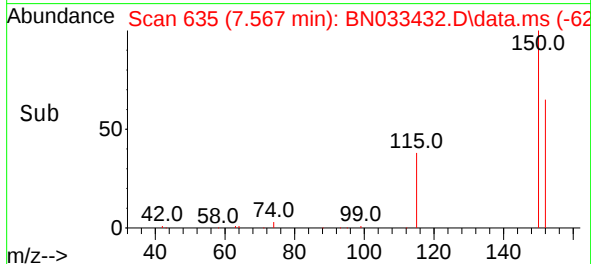
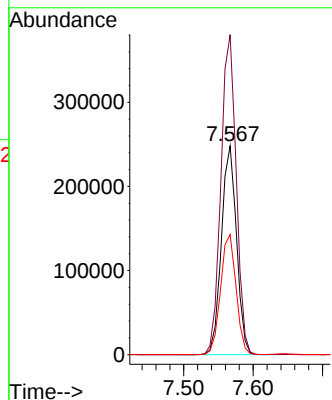


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.567 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN033432.D
Acq: 16 Aug 2024 16:02

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

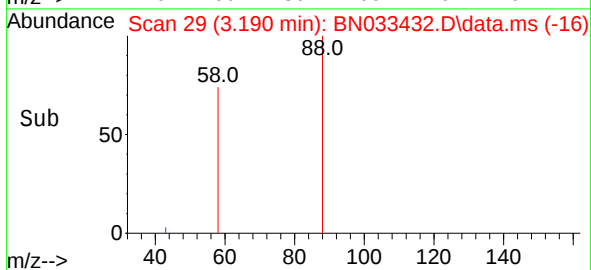
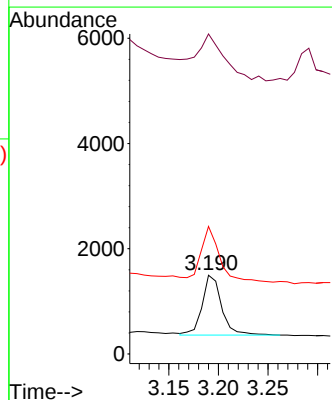
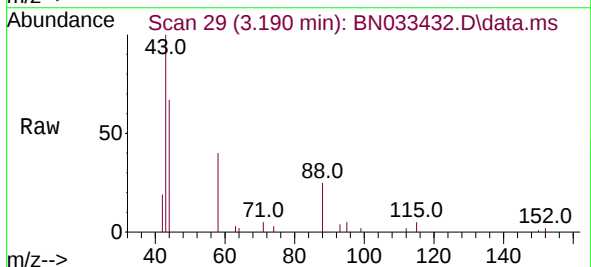


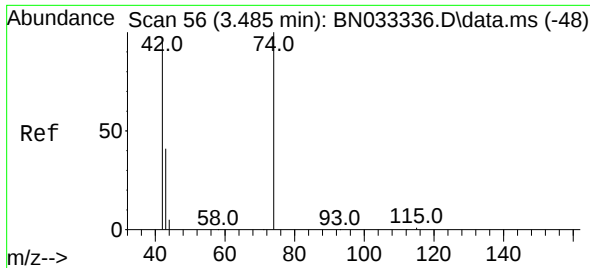
Tgt Ion:152 Resp: 375314
Ion Ratio Lower Upper
152 100
150 153.2 122.3 183.5
115 57.6 48.8 73.2



#2
1,4-Dioxane
Concen: 0.185 ng
RT: 3.190 min Scan# 29
Delta R.T. -0.007 min
Lab File: BN033432.D
Acq: 16 Aug 2024 16:02

Tgt Ion: 88 Resp: 1545
Ion Ratio Lower Upper
88 100
43 102.5 30.6 46.0#
58 88.3 64.5 96.7

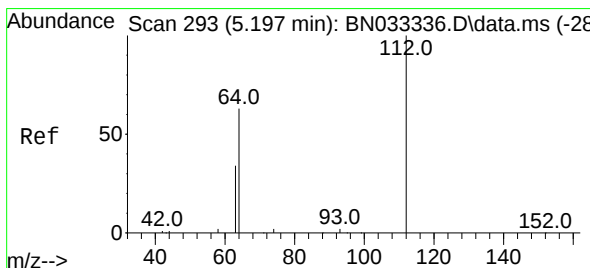
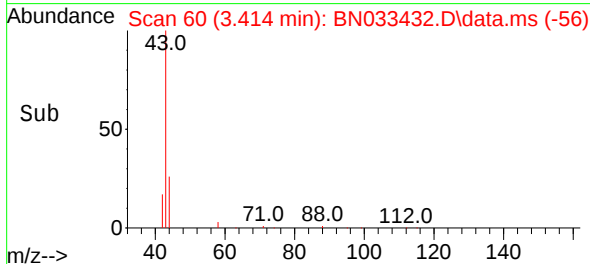
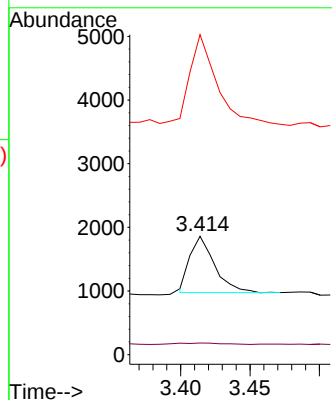
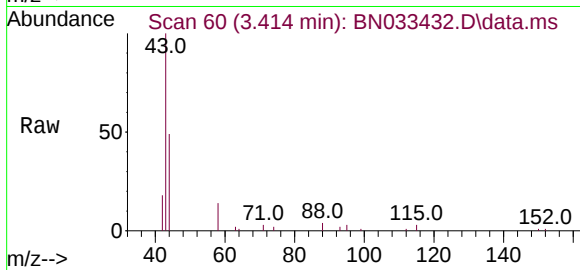




#3
n-Nitrosodimethylamine
Concen: 0.103 ng
RT: 3.414 min Scan# 60
Delta R.T. -0.072 min
Lab File: BN033432.D
Acq: 16 Aug 2024 16:02

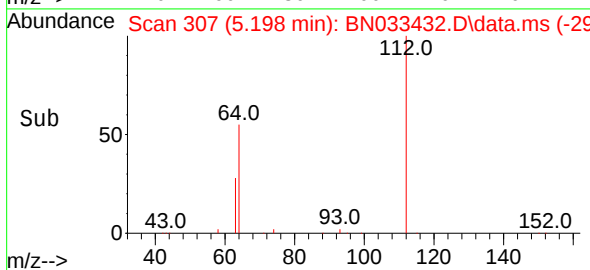
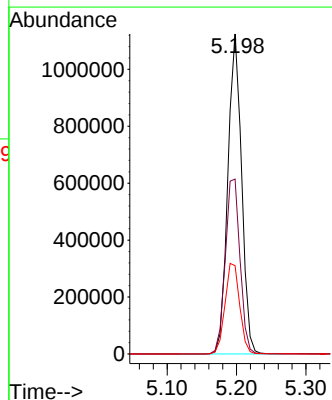
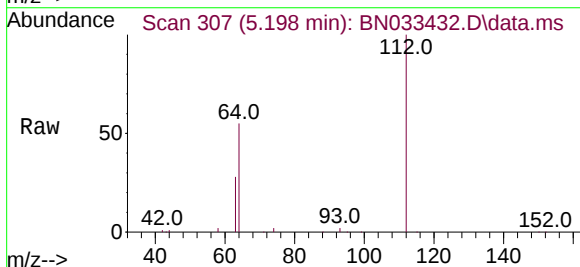
Instrument :
BNA_N
ClientSampleId :
927-K1-WPO-0-0.25-073124

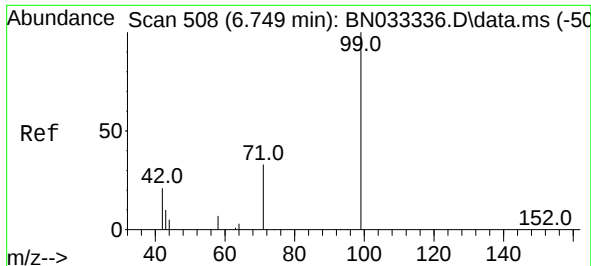
Tgt Ion: 42 Resp: 1106
Ion Ratio Lower Upper
42 100
74 0.0 89.0 133.6#
44 172.2 11.0 16.4#



#4
2-Fluorophenol
Concen: 74.580 ng
RT: 5.198 min Scan# 307
Delta R.T. 0.000 min
Lab File: BN033432.D
Acq: 16 Aug 2024 16:02

Tgt Ion: 112 Resp: 1546239
Ion Ratio Lower Upper
112 100
64 58.7 48.1 72.1
63 30.2 25.4 38.2

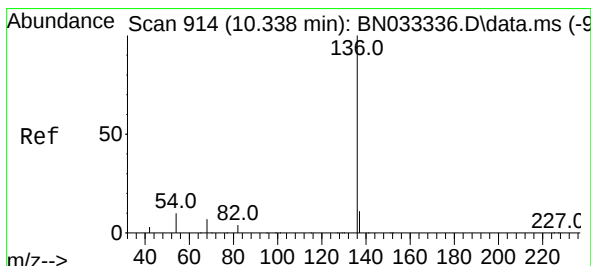
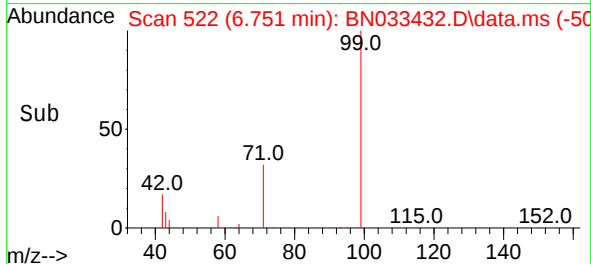
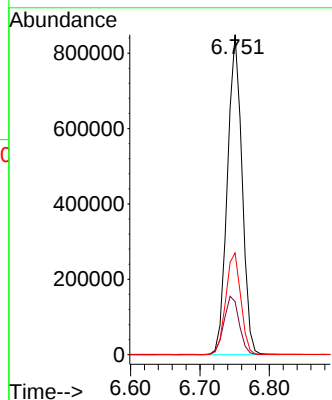
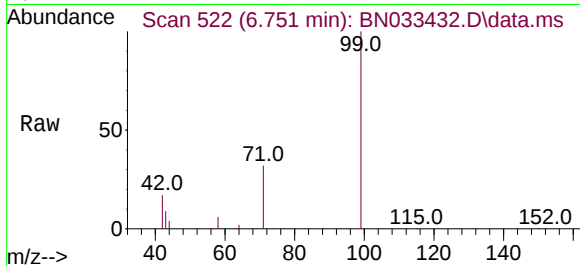




#5
Phenol-d6
Concen: 44.338 ng
RT: 6.751 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN033432.D
Acq: 16 Aug 2024 16:02

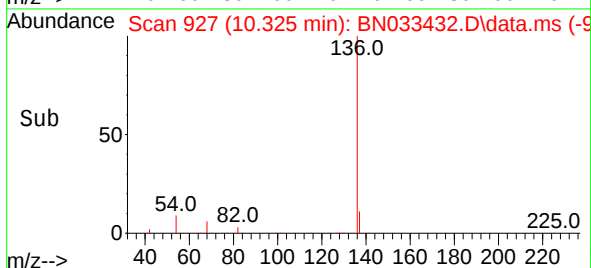
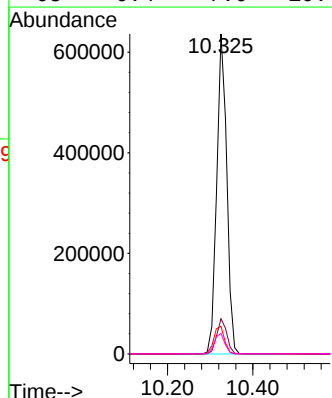
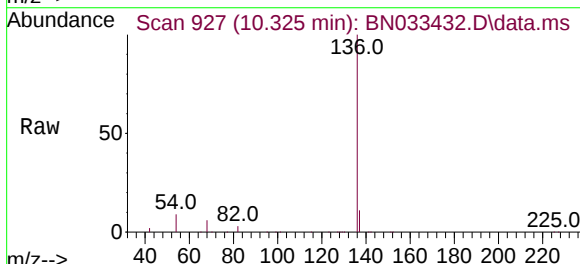
Instrument :
BNA_N
ClientSampleId :
927-K1-WPO-0-0.25-073124

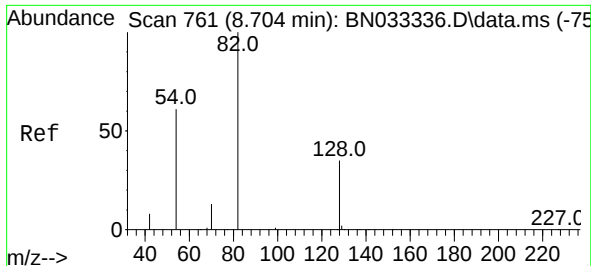
Tgt Ion: 99 Resp: 1241640
Ion Ratio Lower Upper
99 100
42 18.9 18.5 27.7
71 32.7 26.2 39.2



#7
Naphthalene-d8
Concen: 20.000 ng
RT: 10.325 min Scan# 927
Delta R.T. -0.011 min
Lab File: BN033432.D
Acq: 16 Aug 2024 16:02

Tgt Ion: 136 Resp: 1036148
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#

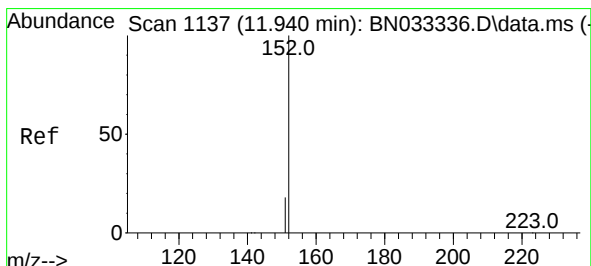
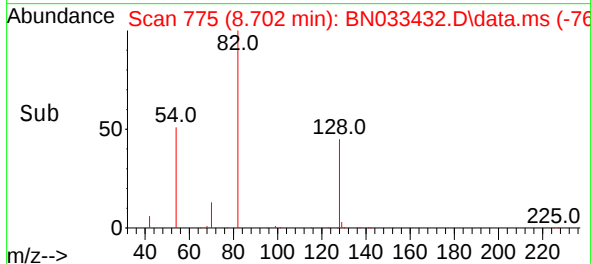
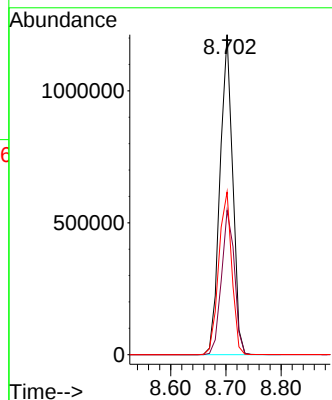
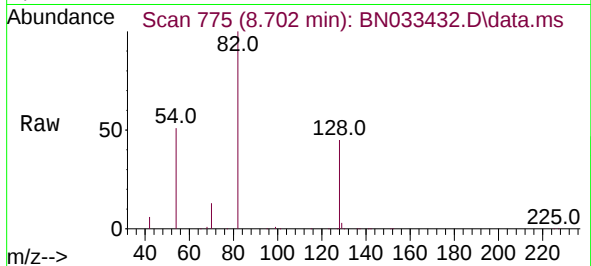




#8
Nitrobenzene-d5
Concen: 123.872 ng
RT: 8.702 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN033432.D
Acq: 16 Aug 2024 16:02

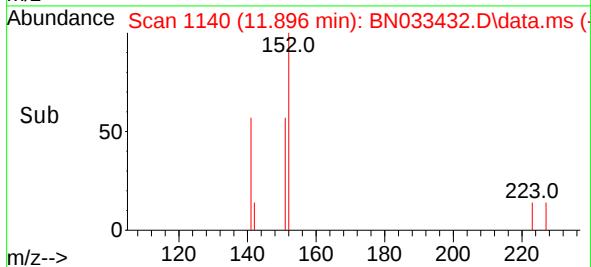
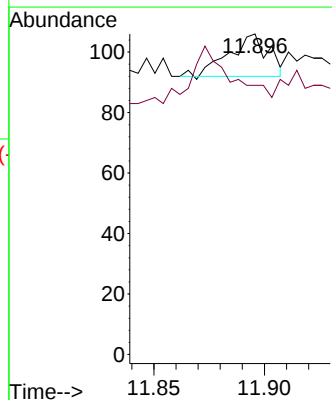
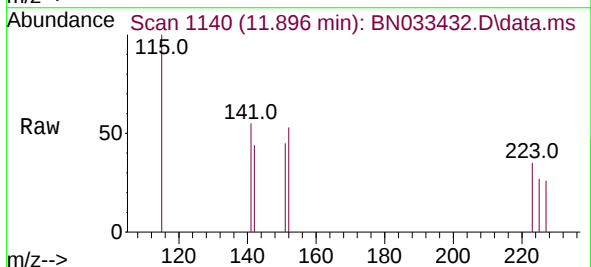
Instrument :
BNA_N
ClientSampleId :
927-K1-WPO-0-0.25-073124

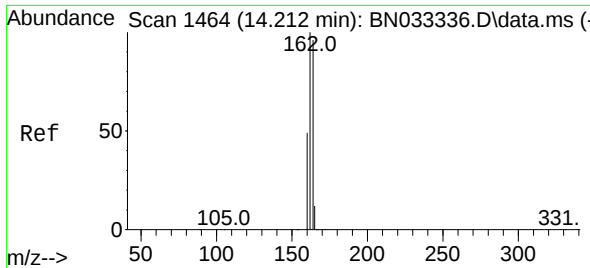
Tgt Ion: 82 Resp: 1936111
Ion Ratio Lower Upper
82 100
128 45.1 29.0 43.4#
54 50.9 50.2 75.4



#11
2-Methylnaphthalene-d10
Concen: 0.001 ng
RT: 11.896 min Scan# 1140
Delta R.T. -0.034 min
Lab File: BN033432.D
Acq: 16 Aug 2024 16:02

Tgt Ion:152 Resp: 17
Ion Ratio Lower Upper
152 100
151 35.3 16.7 25.1#

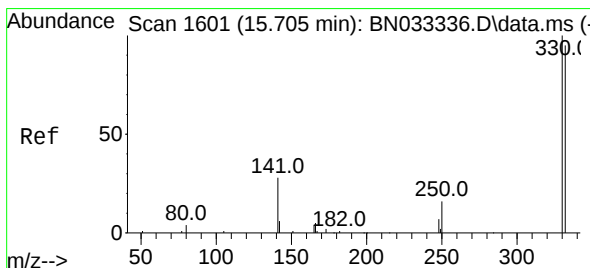
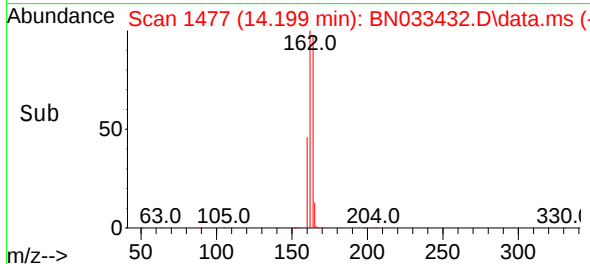
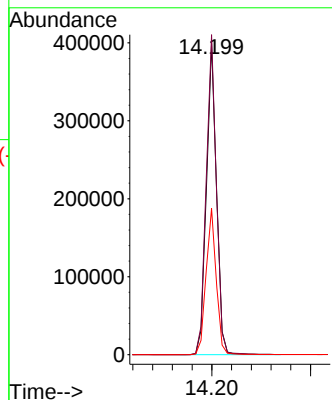
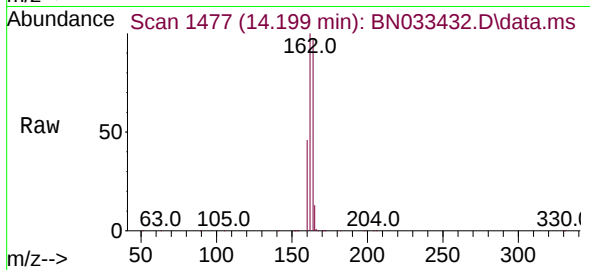




#13
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.199 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN033432.D
Acq: 16 Aug 2024 16:02

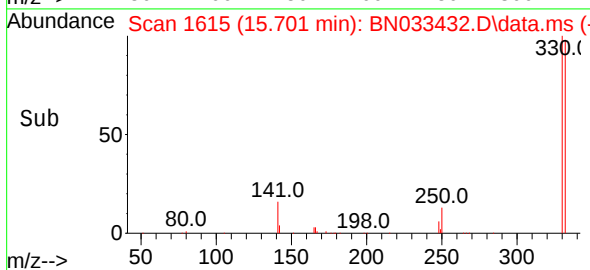
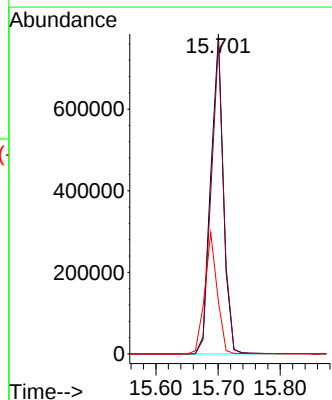
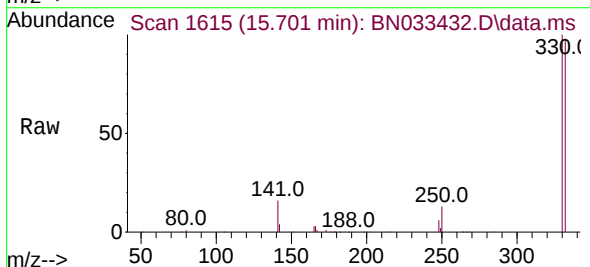
Instrument :
BNA_N
ClientSampleId :
927-K1-WPO-0-0.25-073124

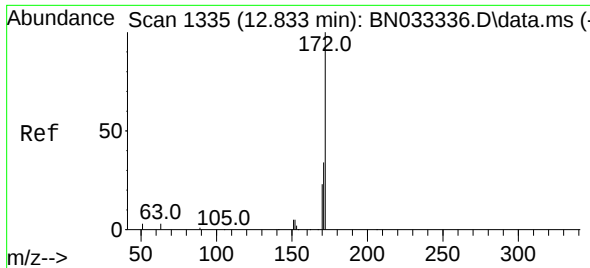
Tgt Ion:164 Resp: 565612
Ion Ratio Lower Upper
164 100
162 102.8 83.1 124.7
160 47.0 41.1 61.7



#14
2,4,6-Tribromophenol
Concen: 190.906 ng
RT: 15.701 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BN033432.D
Acq: 16 Aug 2024 16:02

Tgt Ion:330 Resp: 1107987
Ion Ratio Lower Upper
330 100
332 96.2 77.1 115.7
141 37.8 33.4 50.0





#15

2-Fluorobiphenyl

Concen: 86.582 ng

RT: 12.820 min Scan# 14

Delta R.T. 0.000 min

Lab File: BN033432.D

Acq: 16 Aug 2024 16:02

Instrument :

BNA_N

ClientSampleId :

927-K1-WPO-0-0.25-073124

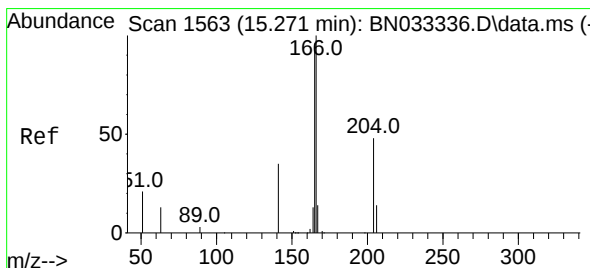
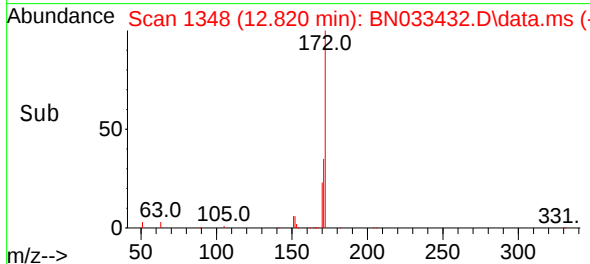
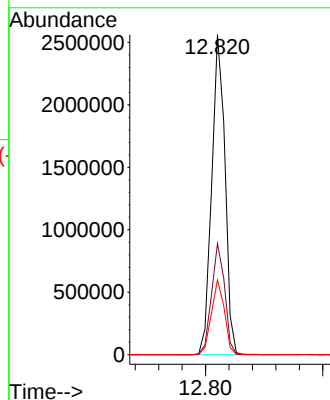
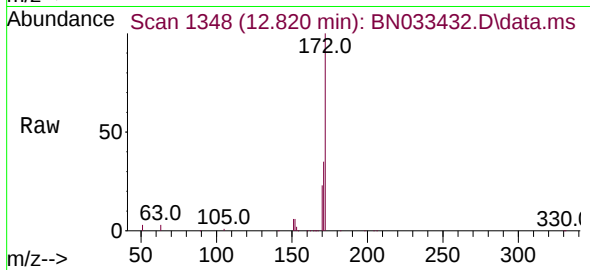
Tgt Ion:172 Resp: 4014916

Ion Ratio Lower Upper

172 100

171 34.8 27.8 41.8

170 23.3 18.7 28.1



#18

Fluorene

Concen: 0.056 ng

RT: 15.258 min Scan# 1576

Delta R.T. 0.000 min

Lab File: BN033432.D

Acq: 16 Aug 2024 16:02

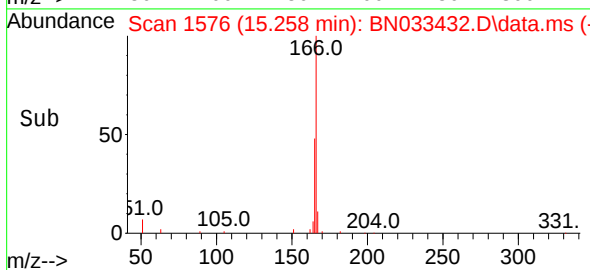
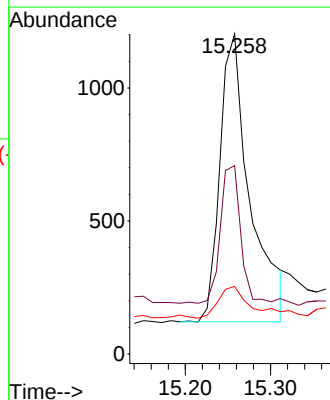
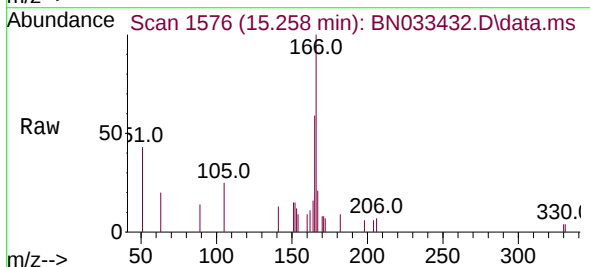
Tgt Ion:166 Resp: 2651

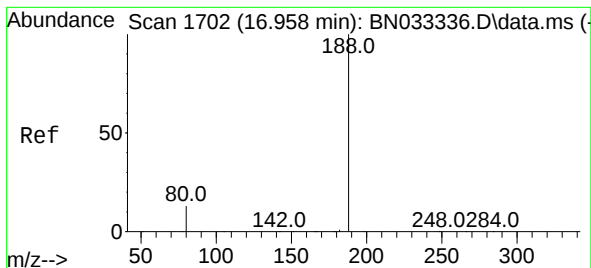
Ion Ratio Lower Upper

166 100

165 32.0 78.0 117.0#

167 11.7 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: BN033432.D

Acq: 16 Aug 2024 16:02

Instrument :

BNA_N

ClientSampleId :

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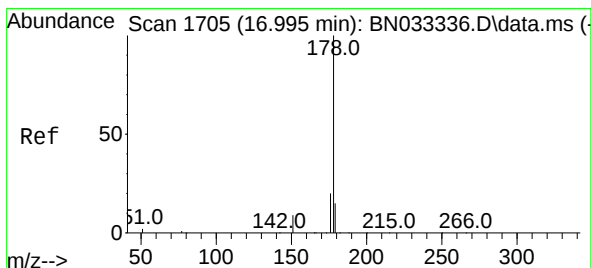
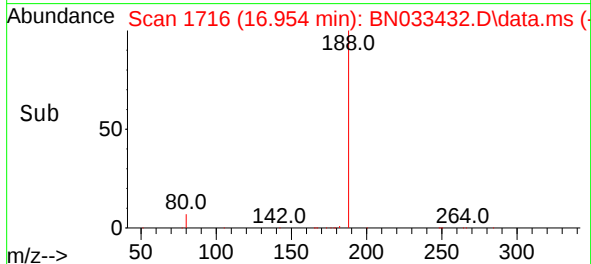
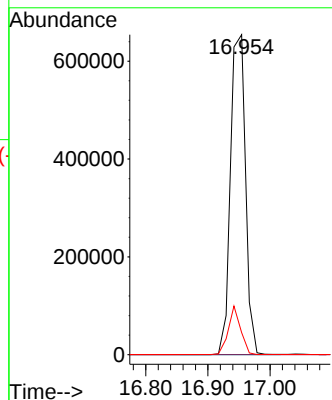
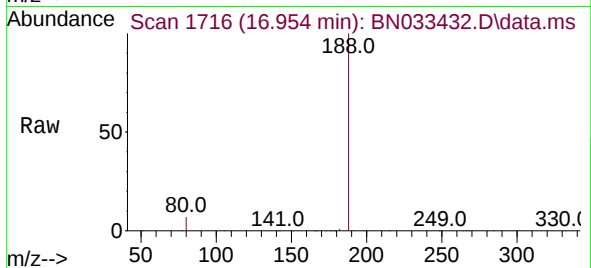
Tgt Ion:188 Resp: 1100832

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 6.9 10.7 16.1#



#25

Phenanthrene

Concen: 0.029 ng

RT: 16.991 min Scan# 1719

Delta R.T. 0.000 min

Lab File: BN033432.D

Acq: 16 Aug 2024 16:02

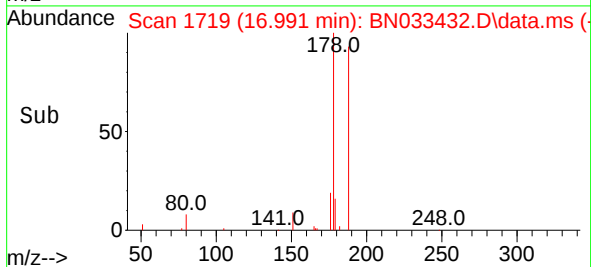
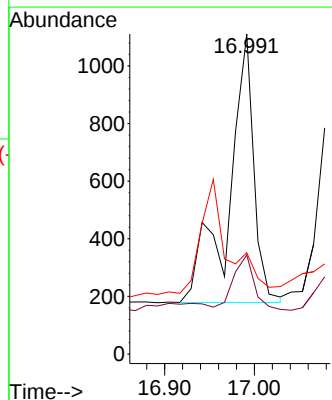
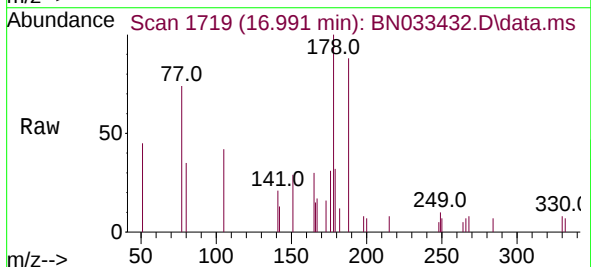
Tgt Ion:178 Resp: 1815

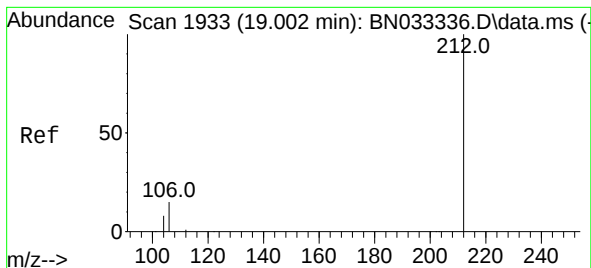
Ion Ratio Lower Upper

178 100

176 17.0 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: BN033432.D

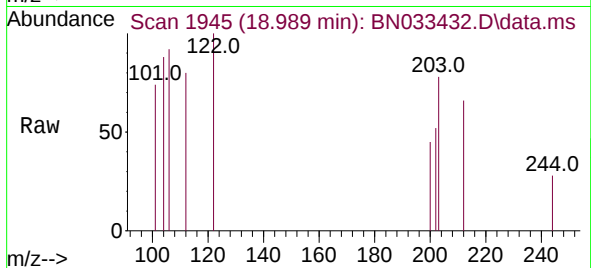
Acq: 16 Aug 2024 16:02

Instrument :

BNA_N

ClientSampleId :

927-K1-WPO-0-0.25-073124



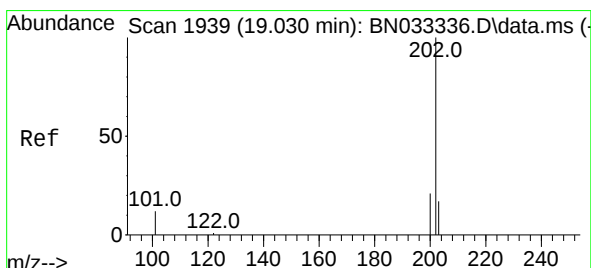
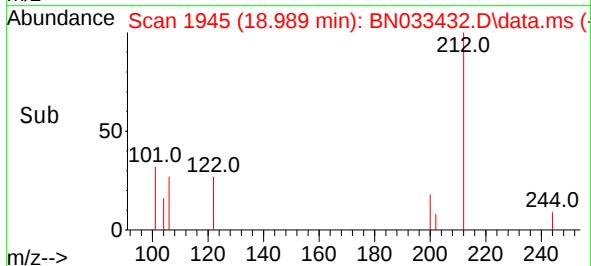
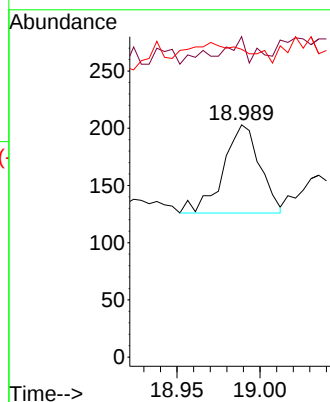
Tgt Ion:212 Resp: 118

Ion Ratio Lower Upper

212 100

106 7.6 12.8 19.2#

104 0.0 7.1 10.7#



#28

Fluoranthene

Concen: 0.024 ng

RT: 19.017 min Scan# 1951

Delta R.T. -0.005 min

Lab File: BN033432.D

Acq: 16 Aug 2024 16:02

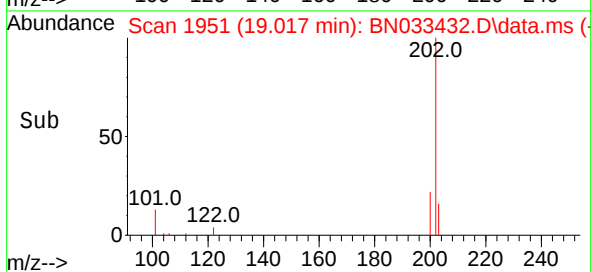
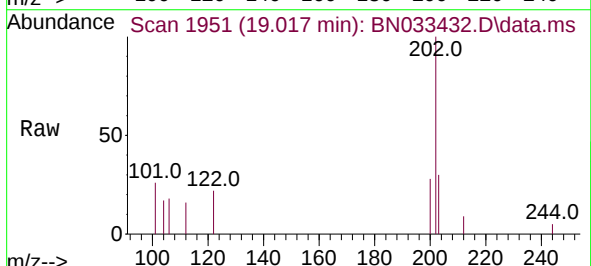
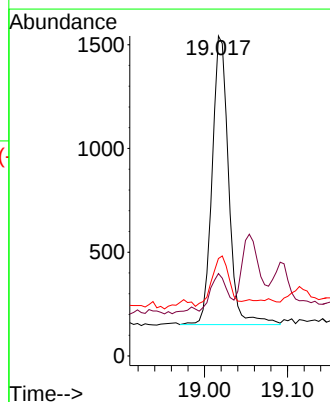
Tgt Ion:202 Resp: 1918

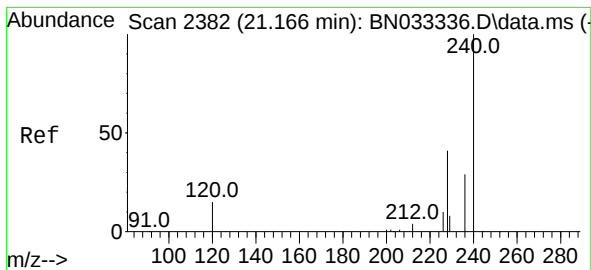
Ion Ratio Lower Upper

202 100

101 12.9 9.8 14.6

203 18.2 13.8 20.6





#29

Chrysene-d12

Concen: 20.000 ng

RT: 21.157 min Scan# 24

Delta R.T. 0.000 min

Lab File: BN033432.D

Acq: 16 Aug 2024 16:02

Instrument :

BNA_N

ClientSampleId :

927-K1-WPO-0-0.25-073124

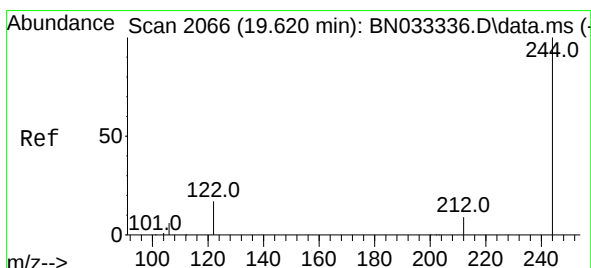
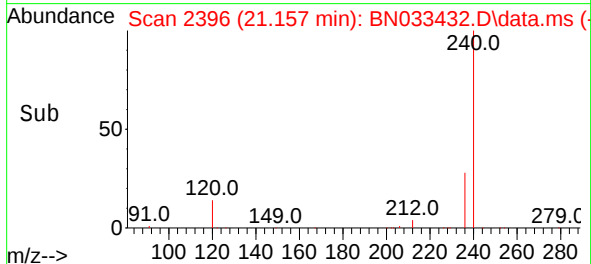
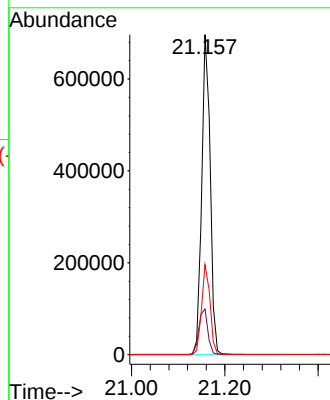
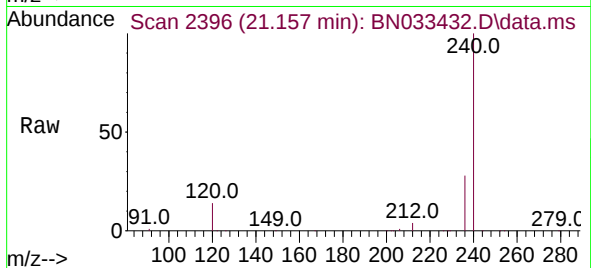
Tgt Ion:240 Resp: 883764

Ion Ratio Lower Upper

240 100

120 14.3 13.0 19.6

236 28.2 23.2 34.8



#31

Terphenyl-d14

Concen: 93.766 ng

RT: 19.611 min Scan# 2079

Delta R.T. 0.005 min

Lab File: BN033432.D

Acq: 16 Aug 2024 16:02

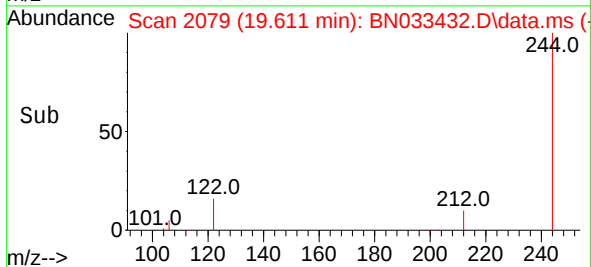
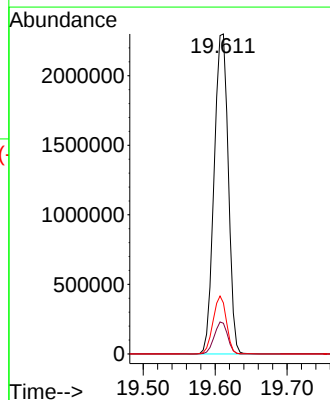
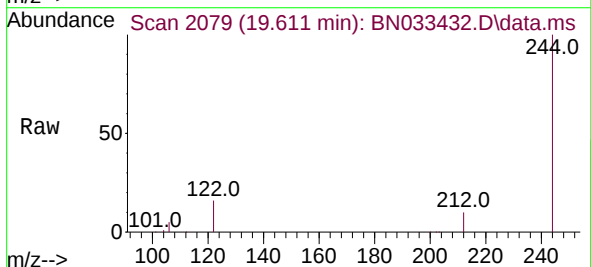
Tgt Ion:244 Resp: 3131062

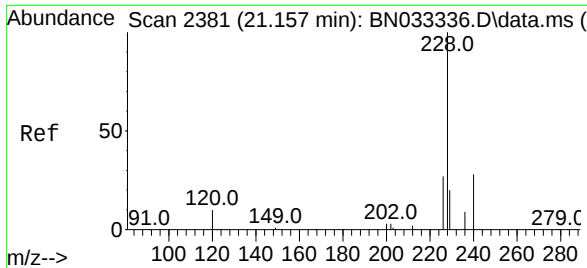
Ion Ratio Lower Upper

244 100

212 9.6 7.7 11.5

122 15.9 14.0 21.0

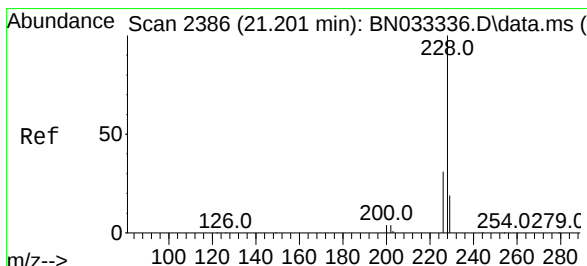
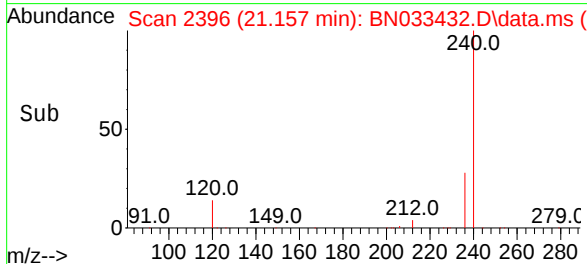
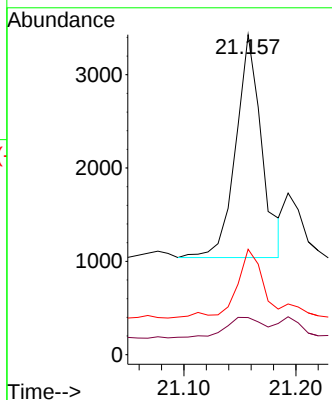
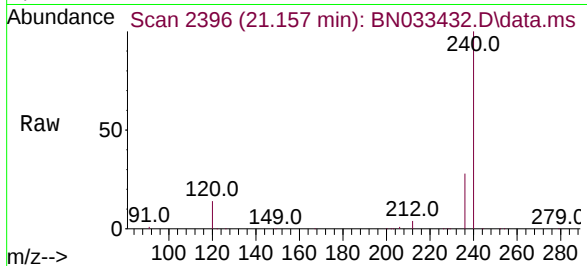




#32
Benzo(a)anthracene
Concen: 0.058 ng
RT: 21.157 min Scan# 24
Delta R.T. 0.018 min
Lab File: BN033432.D
Acq: 16 Aug 2024 16:02

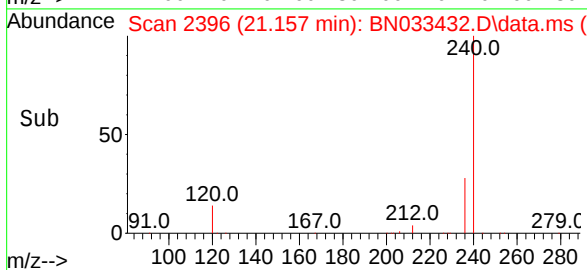
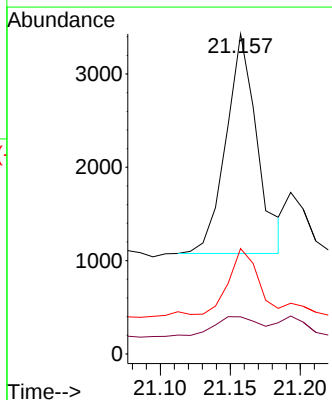
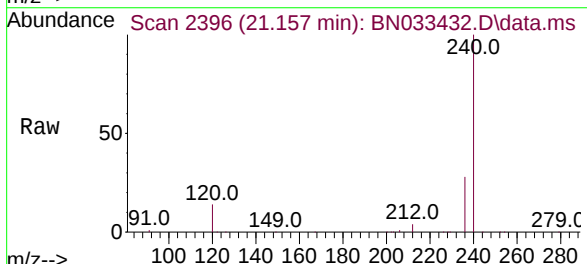
Instrument :
BNA_N
ClientSampleId :
927-K1-WPO-0-0.25-073124

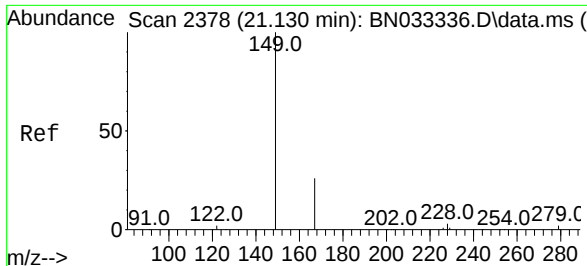
Tgt Ion:228 Resp: 3831
Ion Ratio Lower Upper
228 100
226 11.6 21.6 32.4#
229 33.0 15.9 23.9#



#33
Chrysene
Concen: 0.055 ng
RT: 21.157 min Scan# 2396
Delta R.T. -0.036 min
Lab File: BN033432.D
Acq: 16 Aug 2024 16:02

Tgt Ion:228 Resp: 3645
Ion Ratio Lower Upper
228 100
226 11.6 24.7 37.1#
229 33.0 15.4 23.2#

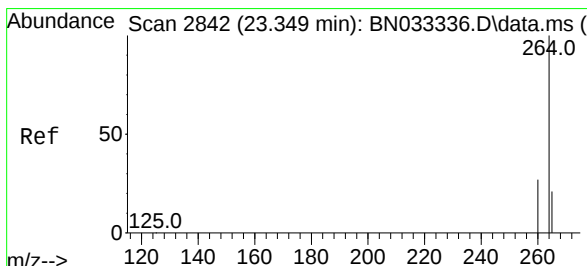
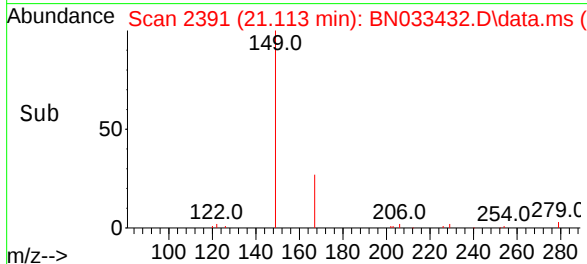
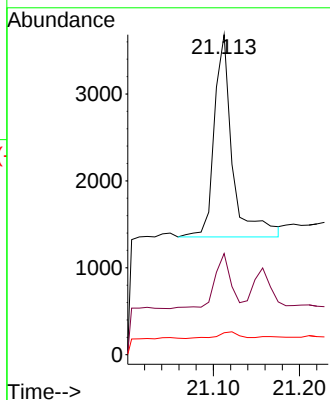
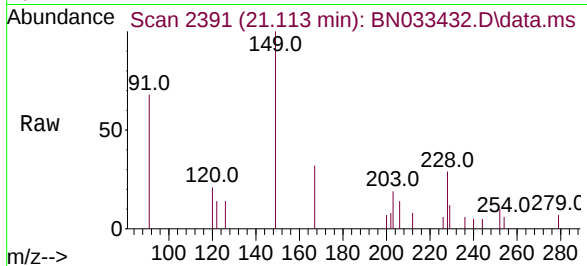




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.113 ng
RT: 21.113 min Scan# 2411
Delta R.T. 0.000 min
Lab File: BN033432.D
Acq: 16 Aug 2024 16:02

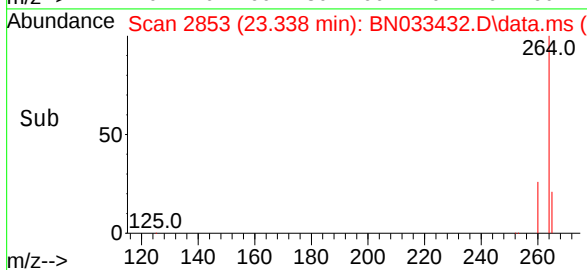
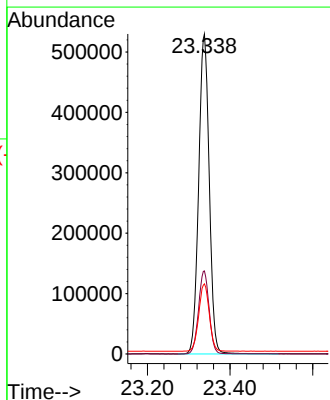
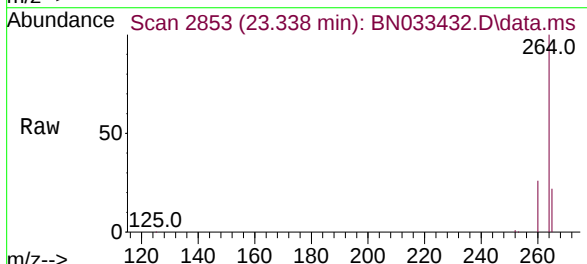
Instrument :
BNA_N
ClientSampleId :
927-K1-WPO-0-0.25-073124

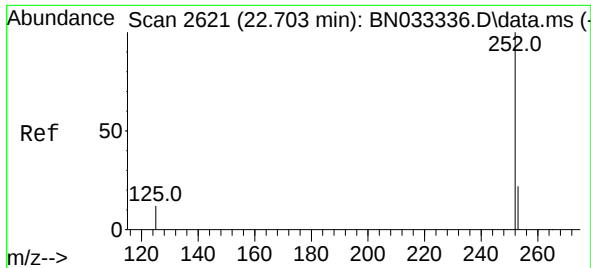
Tgt Ion:149 Resp: 3395
Ion Ratio Lower Upper
149 100
167 24.1 20.9 31.3
279 4.0 2.2 3.4#



#35
Perylene-d12
Concen: 20.000 ng
RT: 23.338 min Scan# 2853
Delta R.T. 0.006 min
Lab File: BN033432.D
Acq: 16 Aug 2024 16:02

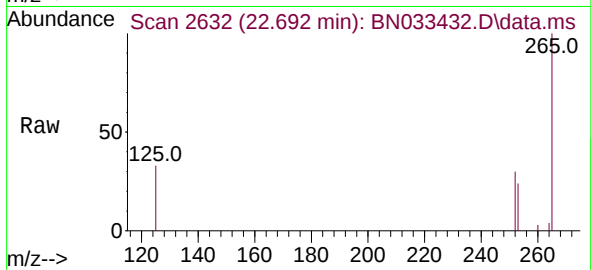
Tgt Ion:264 Resp: 935153
Ion Ratio Lower Upper
264 100
260 25.9 21.6 32.4
265 21.9 29.3 43.9#





#37
Benzo(b)fluoranthene
Concen: 0.020 ng
RT: 22.692 min Scan# 20
Delta R.T. 0.006 min
Lab File: BN033432.D
Acq: 16 Aug 2024 16:02

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



Tgt Ion:252 Resp: 1432
Ion Ratio Lower Upper
252 100
253 78.2 18.2 27.2#
125 109.2 11.3 16.9#

