

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081724\
 Data File : BN033433.D
 Acq On : 16 Aug 2024 16:39
 Operator : MA/JU
 Sample : P3430-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 50

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

Quant Time: Aug 16 17:59:15 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)

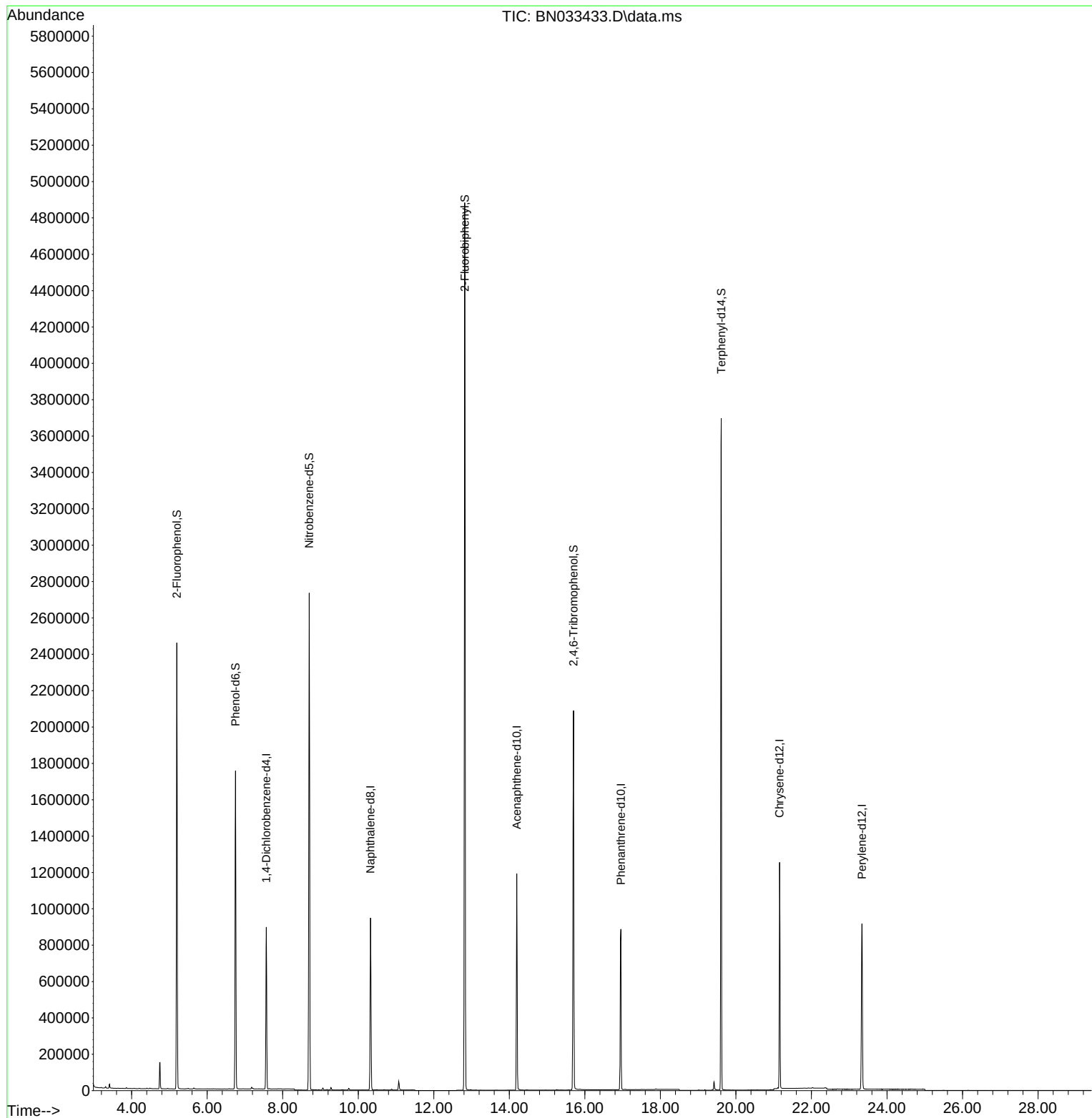
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.566	152	419520	20.000	ng	0.00
7) Naphthalene-d8	10.325	136	1163448	20.000	ng	#-0.01
13) Acenaphthene-d10	14.199	164	646644	20.000	ng	0.00
19) Phenanthrene-d10	16.954	188	1285041	20.000	ng	# 0.00
29) Chrysene-d12	21.157	240	1064756	20.000	ng	0.00
35) Perylene-d12	23.338	264	1130216	20.000	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.198	112	1758963	75.901	ng	0.00
5) Phenol-d6	6.750	99	1499284	47.897	ng	0.00
8) Nitrobenzene-d5	8.702	82	1990637	113.425	ng	0.00
11) 2-Methylnaphthalene-d10	11.930	152	25	0.001	ng	0.00
14) 2,4,6-Tribromophenol	15.700	330	1187325	178.940	ng	0.00
15) 2-Fluorobiphenyl	12.820	172	4142767	78.144	ng	0.00
27) Fluoranthene-d10	18.993	212	110	0.002	ng	0.00
31) Terphenyl-d14	19.611	244	3617624	89.921	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.197	88	1515	0.163	ng	# 45
3) n-Nitrosodimethylamine	3.414	42	3672	0.306	ng	# 1
18) Fluorene	15.258	166	3403	0.062	ng	# 35
25) Phenanthrene	16.991	178	1973	0.027	ng	# 77
28) Fluoranthene	19.021	202	2252	0.025	ng	98
30) Pyrene	19.384	202	1832	0.022	ng	# 90
32) Benzo(a)anthracene	21.157	228	4519	0.057	ng	# 71
33) Chrysene	21.157	228	4519	0.056	ng	# 67
34) Bis(2-ethylhexyl)phtha...	21.112	149	5063	0.140	ng	# 99
37) Benzo(b)fluoranthene	22.686	252	2142	0.025	ng	# 1

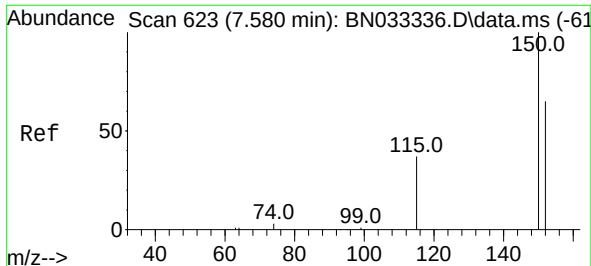
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081724\
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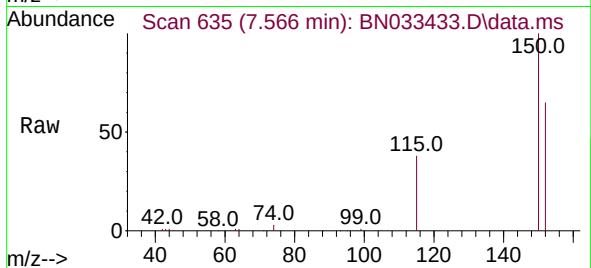
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 16 04:44:11 2024
Response via : Initial Calibration



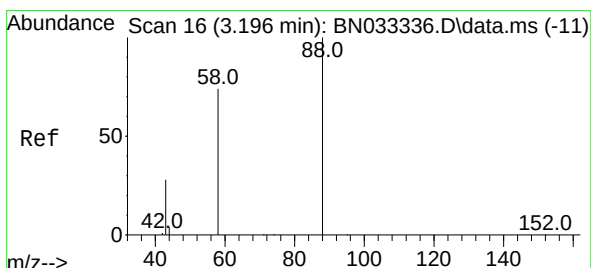
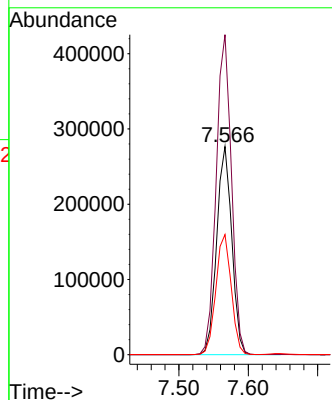
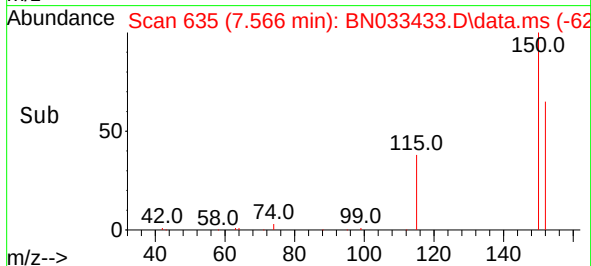


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.566 min Scan# 61
Delta R.T. -0.008 min
Lab File: BN033433.D
Acq: 16 Aug 2024 16:39

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

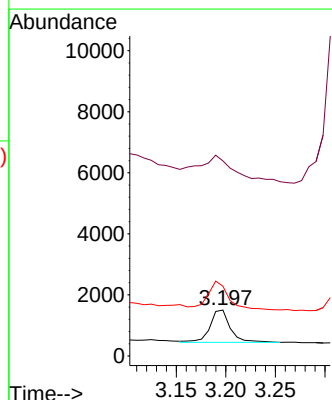
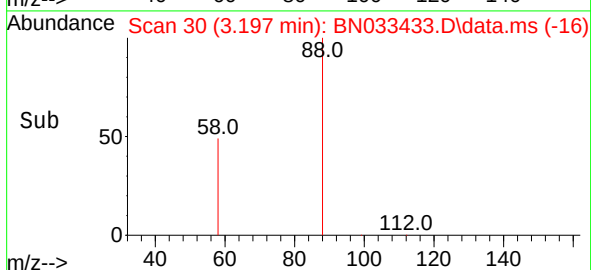
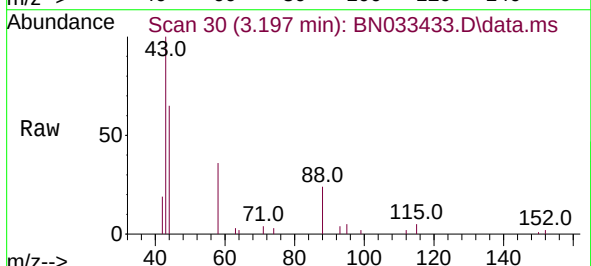


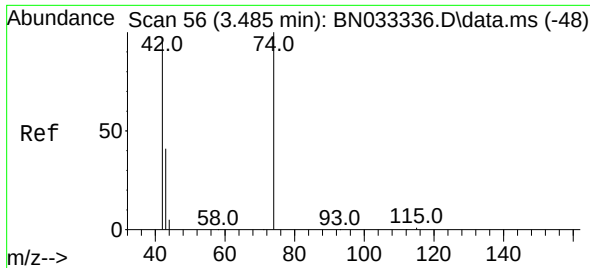
Tgt Ion:152 Resp: 419520
Ion Ratio Lower Upper
152 100
150 153.8 122.3 183.5
115 57.8 48.8 73.2



#2
1,4-Dioxane
Concen: 0.163 ng
RT: 3.197 min Scan# 30
Delta R.T. -0.000 min
Lab File: BN033433.D
Acq: 16 Aug 2024 16:39

Tgt Ion: 88 Resp: 1515
Ion Ratio Lower Upper
88 100
43 126.5 30.6 46.0#
58 91.0 64.5 96.7

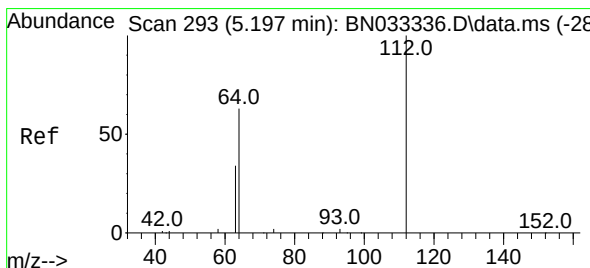
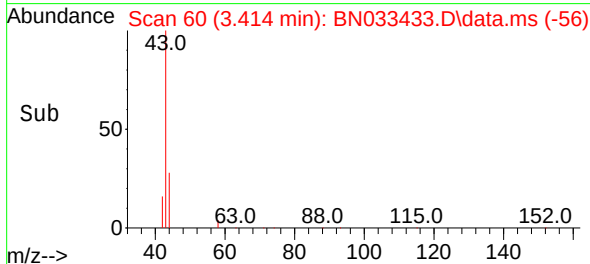
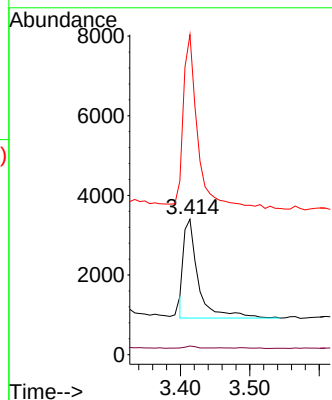
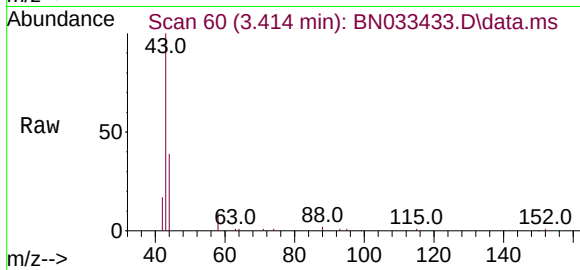




#3
n-Nitrosodimethylamine
Concen: 0.306 ng
RT: 3.414 min Scan# 60
Delta R.T. -0.072 min
Lab File: BN033433.D
Acq: 16 Aug 2024 16:39

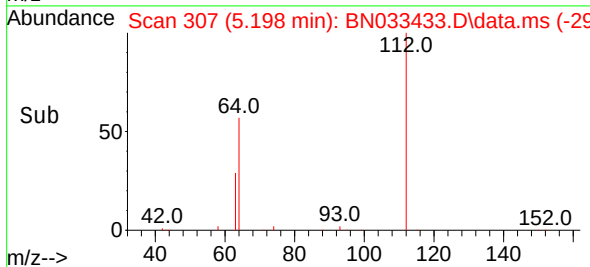
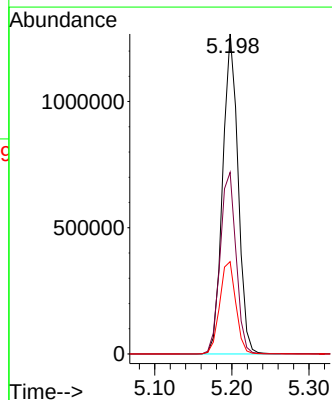
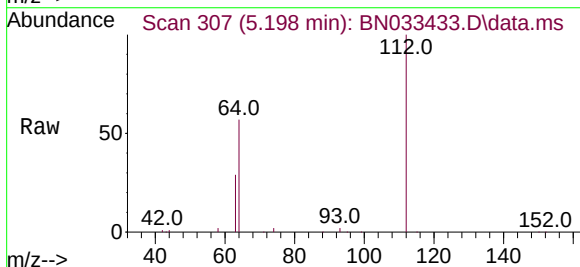
Instrument :
BNA_N
ClientSampleId :
927-K1-WPO-0-0.25-073124-FD

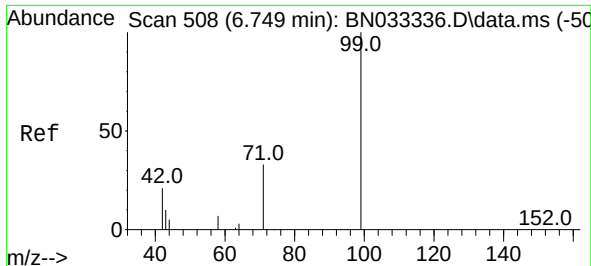
Tgt Ion: 42 Resp: 3672
Ion Ratio Lower Upper
42 100
74 1.3 89.0 133.6#
44 168.5 11.0 16.4#



#4
2-Fluorophenol
Concen: 75.901 ng
RT: 5.198 min Scan# 307
Delta R.T. -0.000 min
Lab File: BN033433.D
Acq: 16 Aug 2024 16:39

Tgt Ion: 112 Resp: 1758963
Ion Ratio Lower Upper
112 100
64 58.7 48.1 72.1
63 30.2 25.4 38.2

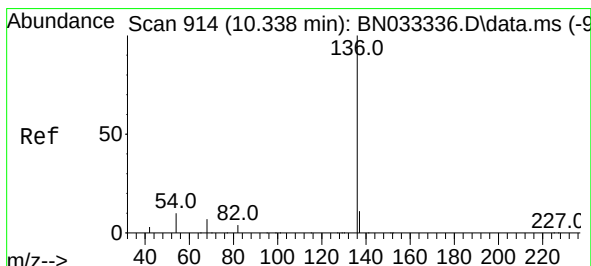
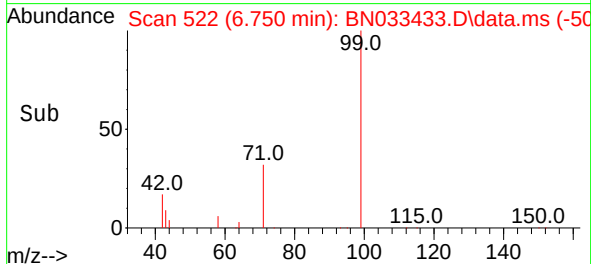
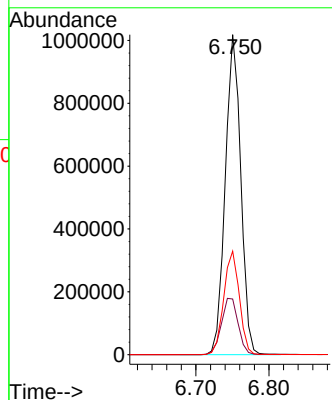
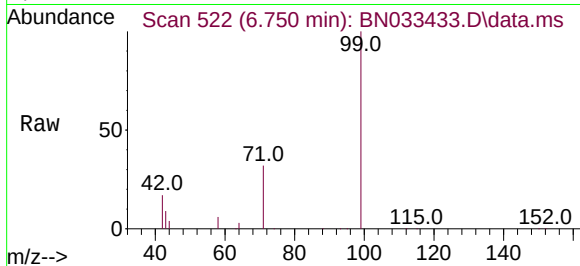




#5
Phenol-d6
Concen: 47.897 ng
RT: 6.750 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN033433.D
Acq: 16 Aug 2024 16:39

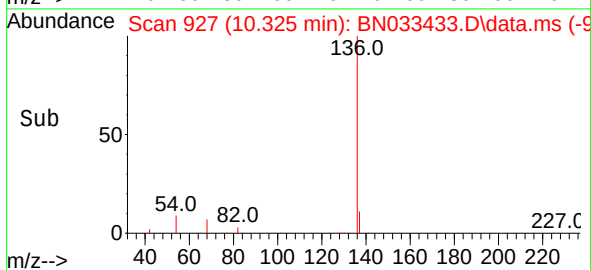
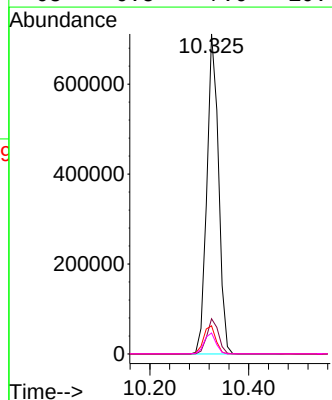
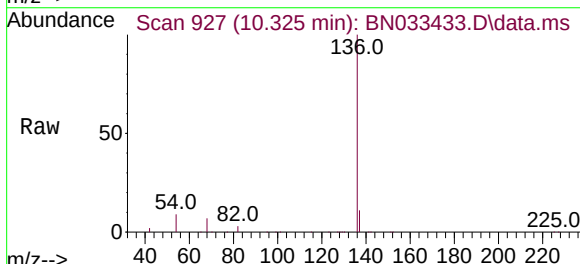
Instrument :
BNA_N
ClientSampleId :
927-K1-WPO-0-0.25-073124-FD

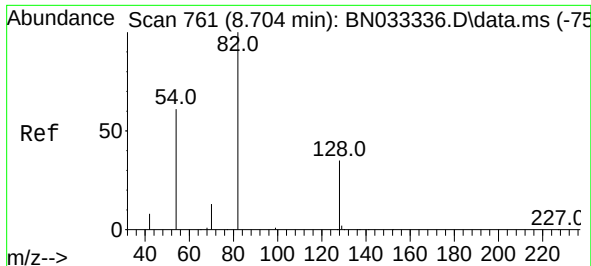
Tgt Ion: 99 Resp: 1499284
Ion Ratio Lower Upper
99 100
42 18.8 18.5 27.7
71 32.6 26.2 39.2



#7
Naphthalene-d8
Concen: 20.000 ng
RT: 10.325 min Scan# 927
Delta R.T. -0.011 min
Lab File: BN033433.D
Acq: 16 Aug 2024 16:39

Tgt Ion:136 Resp: 1163448
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 8.8 9.4 14.0#
68 6.5 7.0 10.4#

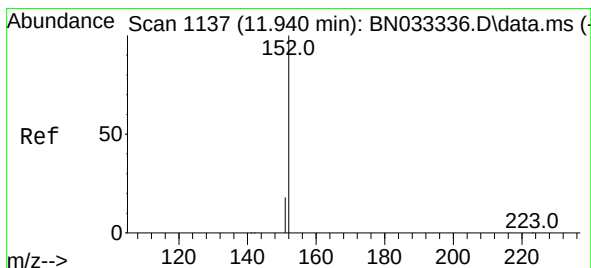
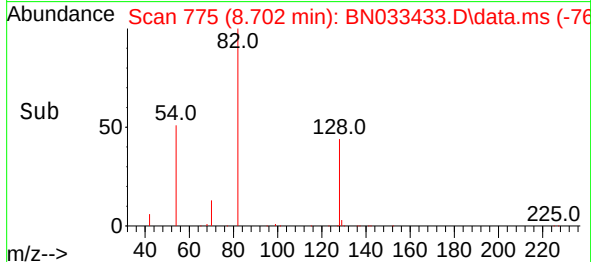
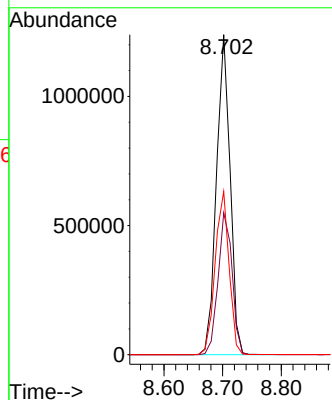
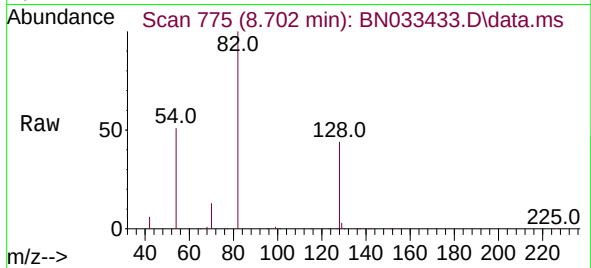




#8
Nitrobenzene-d5
Concen: 113.425 ng
RT: 8.702 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN033433.D
Acq: 16 Aug 2024 16:39

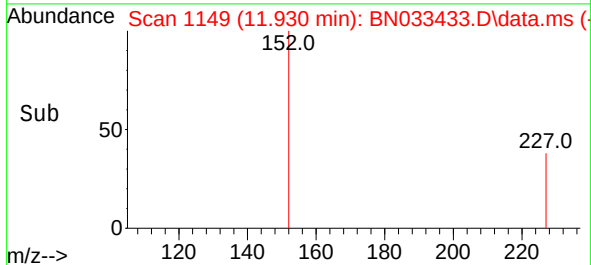
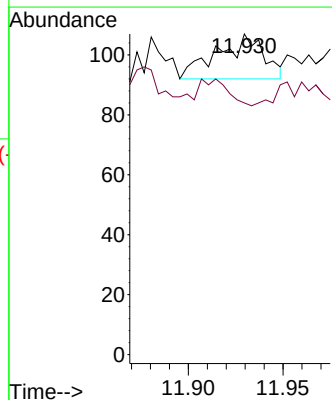
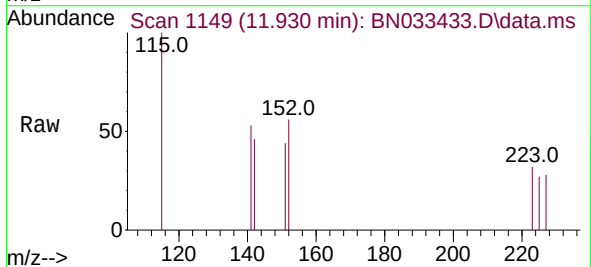
Instrument :
BNA_N
ClientSampleId :
927-K1-WPO-0-0.25-073124-FD

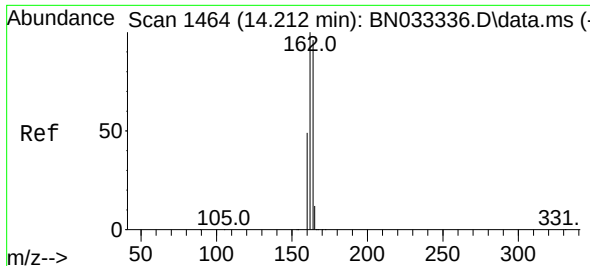
Tgt Ion: 82 Resp: 1990637
Ion Ratio Lower Upper
82 100
128 44.4 29.0 43.4#
54 51.0 50.2 75.4



#11
2-Methylnaphthalene-d10
Concen: 0.001 ng
RT: 11.930 min Scan# 1149
Delta R.T. -0.000 min
Lab File: BN033433.D
Acq: 16 Aug 2024 16:39

Tgt Ion:152 Resp: 25
Ion Ratio Lower Upper
152 100
151 0.0 16.7 25.1#

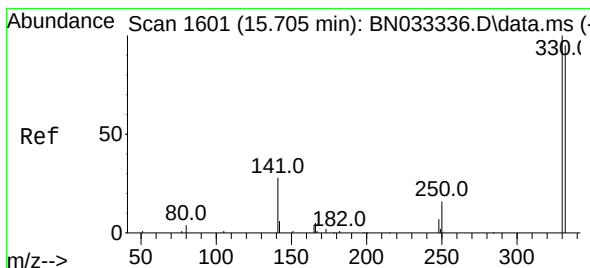
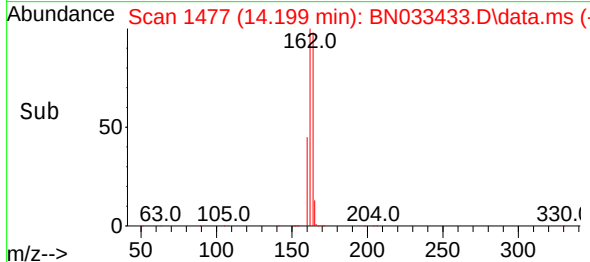
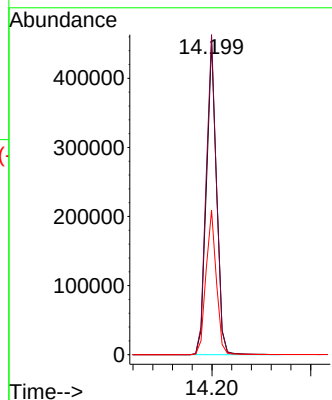
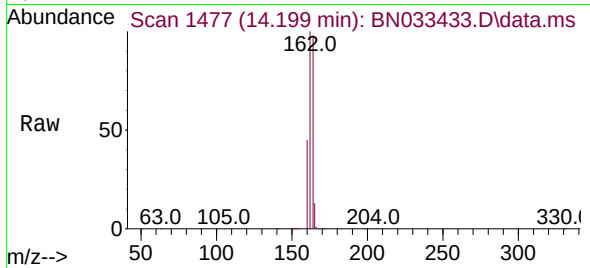




#13
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.199 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN033433.D
Acq: 16 Aug 2024 16:39

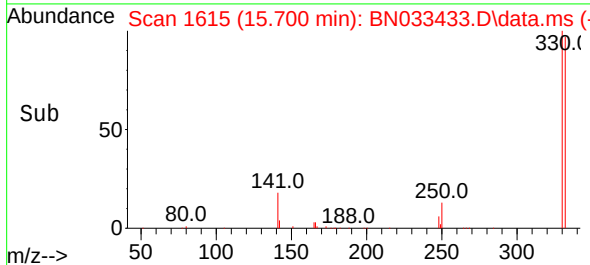
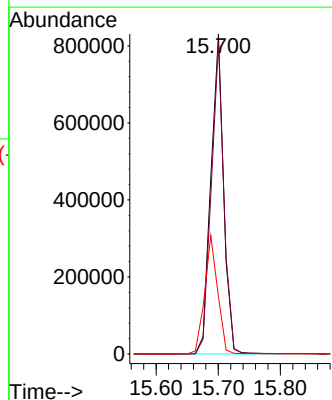
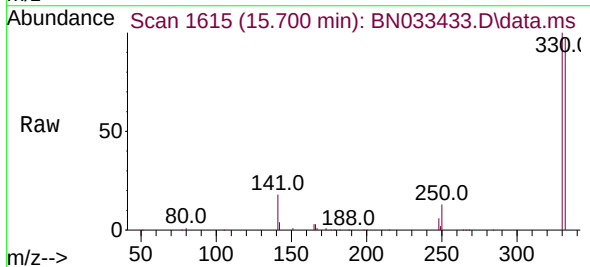
Instrument :
BNA_N
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927-K1-WPO-0-0.25-073124-FD

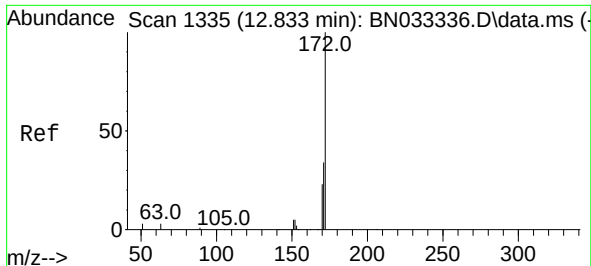
Tgt Ion:164 Resp: 646644
Ion Ratio Lower Upper
164 100
162 102.3 83.1 124.7
160 46.2 41.1 61.7



#14
2,4,6-Tribromophenol
Concen: 178.940 ng
RT: 15.700 min Scan# 1615
Delta R.T. -0.000 min
Lab File: BN033433.D
Acq: 16 Aug 2024 16:39

Tgt Ion:330 Resp: 1187325
Ion Ratio Lower Upper
330 100
332 96.2 77.1 115.7
141 37.8 33.4 50.0





#15

2-Fluorobiphenyl

Concen: 78.144 ng

RT: 12.820 min Scan# 14

Delta R.T. -0.000 min

Lab File: BN033433.D

Acq: 16 Aug 2024 16:39

Instrument :

BNA_N

ClientSampleId :

927-K1-WPO-0-0.25-073124-FD

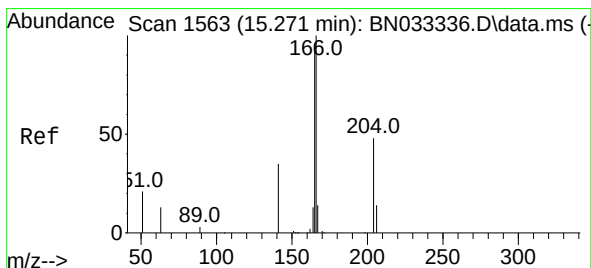
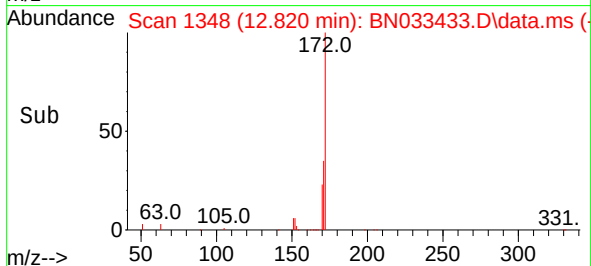
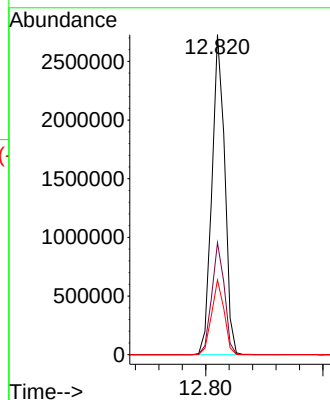
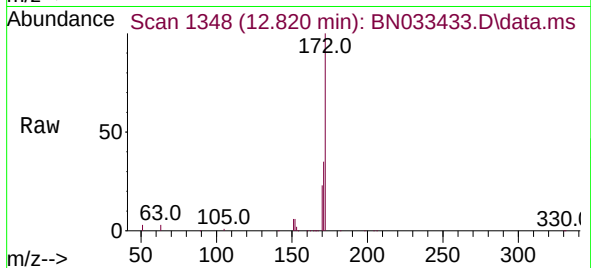
Tgt Ion:172 Resp: 4142767

Ion Ratio Lower Upper

172 100

171 35.0 27.8 41.8

170 23.3 18.7 28.1



#18

Fluorene

Concen: 0.062 ng

RT: 15.258 min Scan# 1576

Delta R.T. -0.000 min

Lab File: BN033433.D

Acq: 16 Aug 2024 16:39

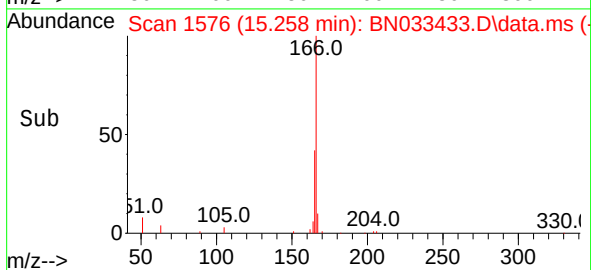
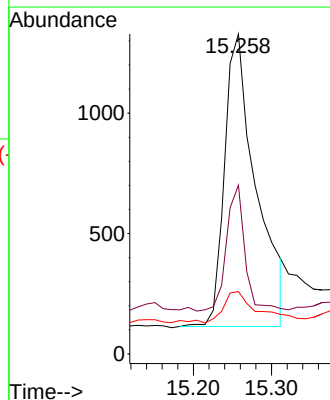
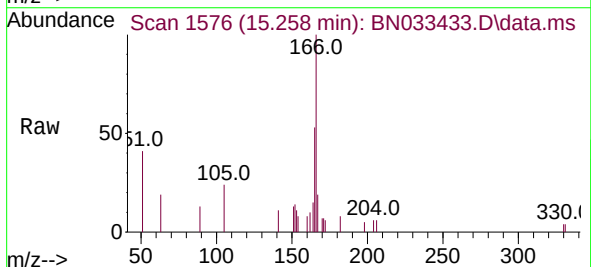
Tgt Ion:166 Resp: 3403

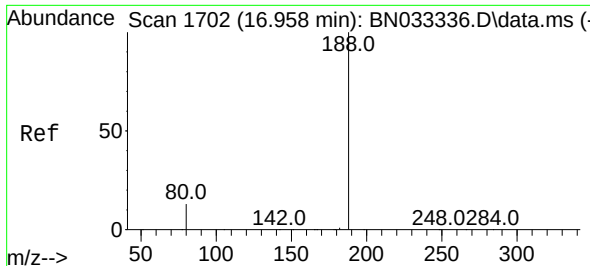
Ion Ratio Lower Upper

166 100

165 25.0 78.0 117.0#

167 10.8 10.7 16.1





#19

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.954 min Scan# 1716

Delta R.T. -0.000 min

Lab File: BN033433.D

Acq: 16 Aug 2024 16:39

Instrument :

BNA_N

ClientSampleId :

927-K1-WPO-0-0.25-073124-FD

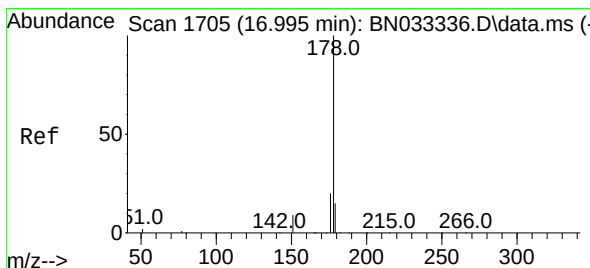
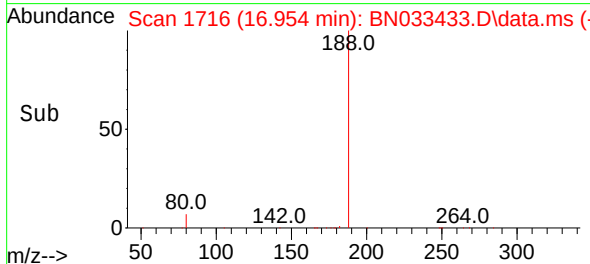
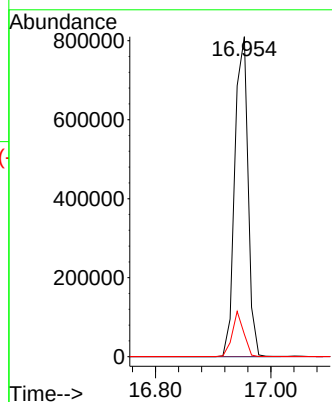
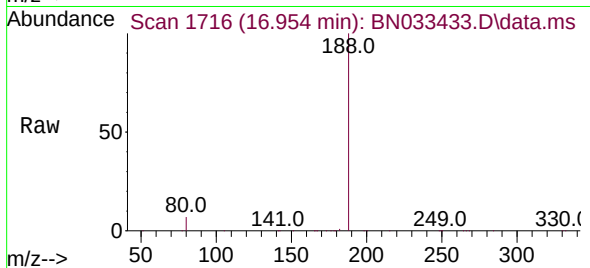
Tgt Ion:188 Resp: 1285041

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.0 10.7 16.1#



#25

Phenanthrene

Concen: 0.027 ng

RT: 16.991 min Scan# 1719

Delta R.T. -0.000 min

Lab File: BN033433.D

Acq: 16 Aug 2024 16:39

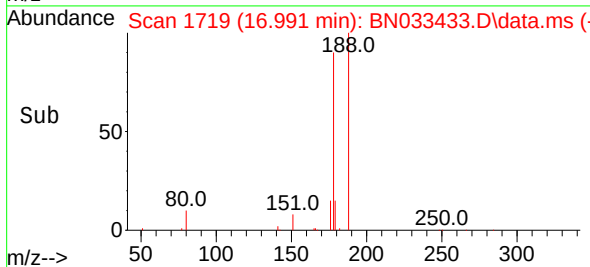
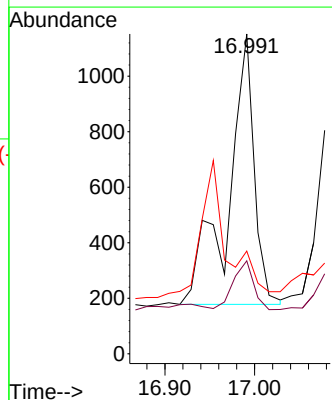
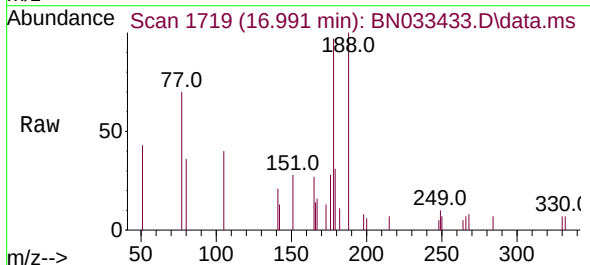
Tgt Ion:178 Resp: 1973

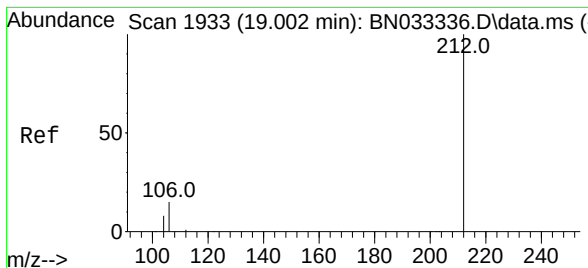
Ion Ratio Lower Upper

178 100

176 13.7 15.4 23.0#

179 0.0 12.2 18.2#





#27

Fluoranthene-d10

Concen: 0.002 ng

RT: 18.993 min Scan# 1946

Delta R.T. -0.000 min

Lab File: BN033433.D

Acq: 16 Aug 2024 16:39

Instrument :

BNA_N

ClientSampleId :

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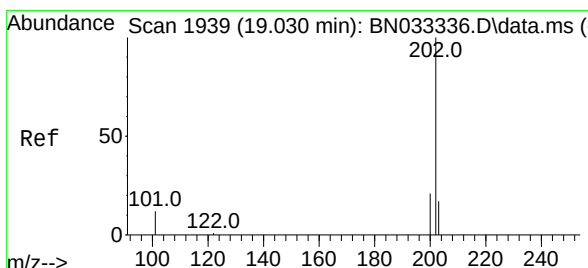
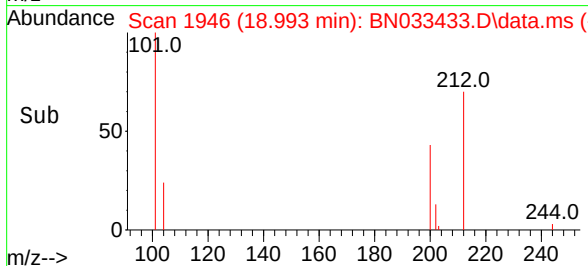
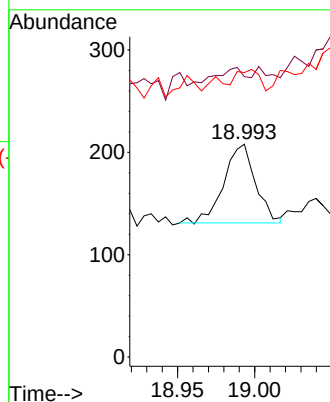
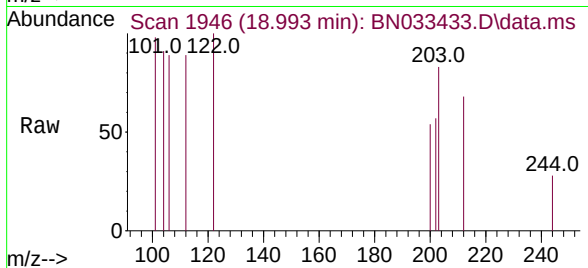
Tgt Ion:212 Resp: 110

Ion Ratio Lower Upper

212 100

106 20.9 12.8 19.2#

104 19.1 7.1 10.7#



#28

Fluoranthene

Concen: 0.025 ng

RT: 19.021 min Scan# 1952

Delta R.T. -0.000 min

Lab File: BN033433.D

Acq: 16 Aug 2024 16:39

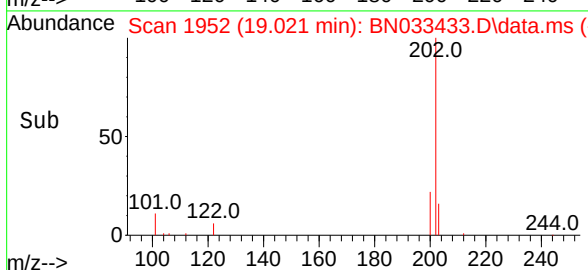
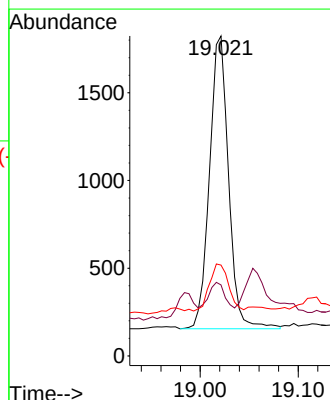
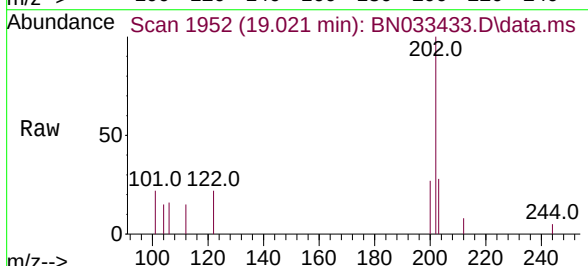
Tgt Ion:202 Resp: 2252

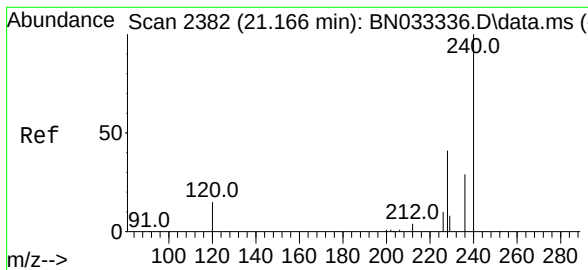
Ion Ratio Lower Upper

202 100

101 11.0 9.8 14.6

203 16.4 13.8 20.6

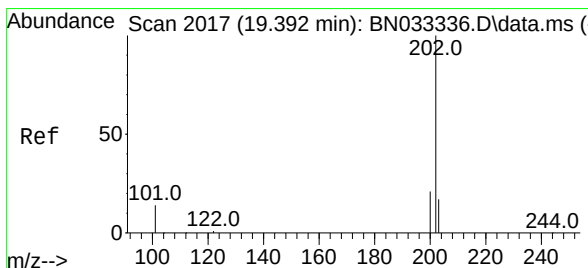
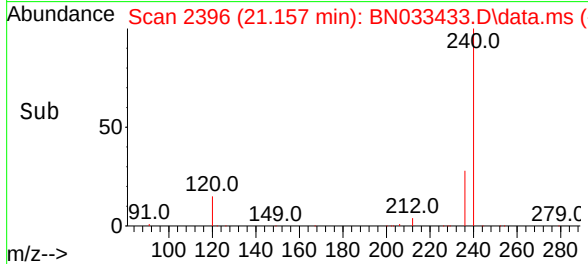
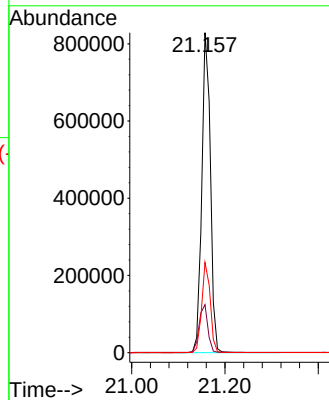
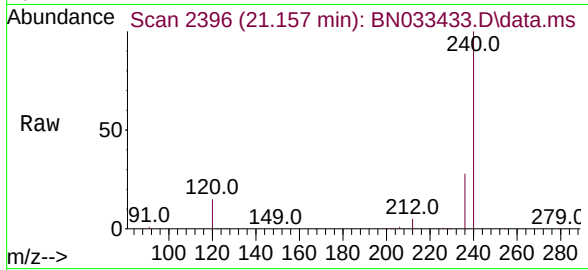




#29
Chrysene-d12
Concen: 20.000 ng
RT: 21.157 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN033433.D
Acq: 16 Aug 2024 16:39

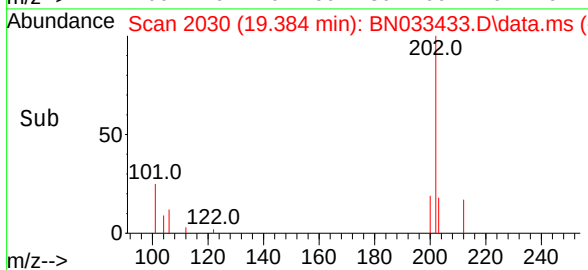
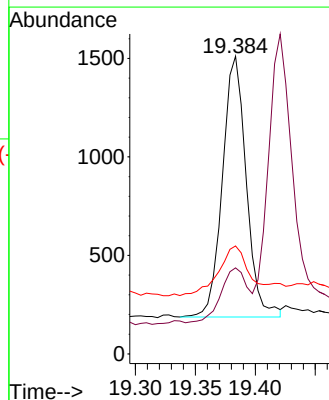
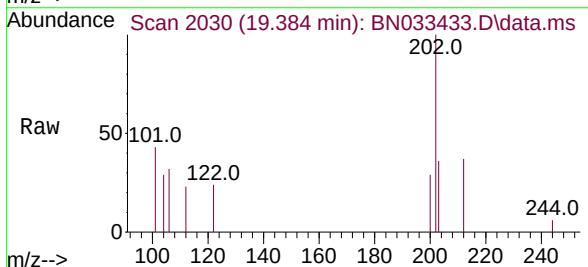
Instrument :
BNA_N
ClientSampleId :
927-K1-WPO-0-0.25-073124-FD

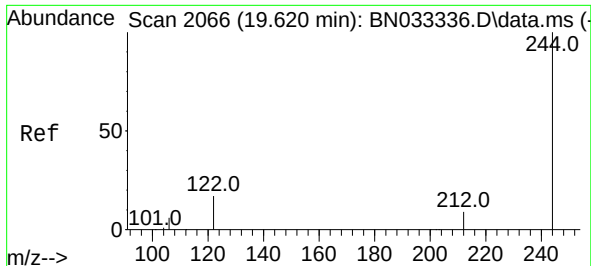
Tgt Ion:240 Resp: 1064756
Ion Ratio Lower Upper
240 100
120 15.0 13.0 19.6
236 28.2 23.2 34.8



#30
Pyrene
Concen: 0.022 ng
RT: 19.384 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BN033433.D
Acq: 16 Aug 2024 16:39

Tgt Ion:202 Resp: 1832
Ion Ratio Lower Upper
202 100
200 23.9 16.7 25.1
203 24.0 14.2 21.4#

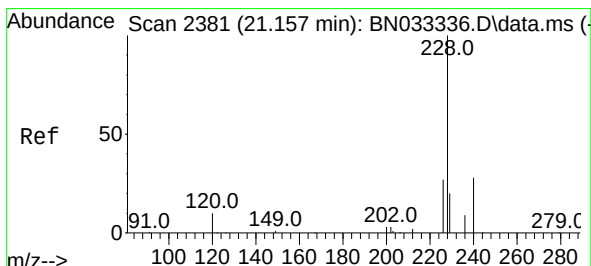
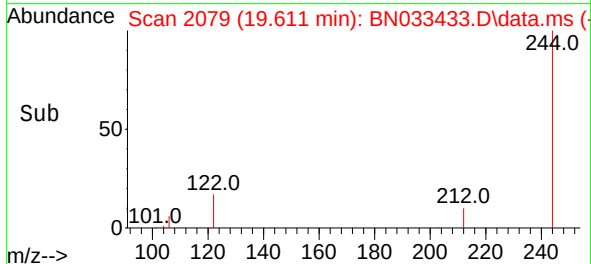
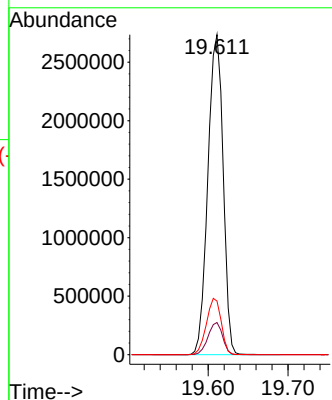
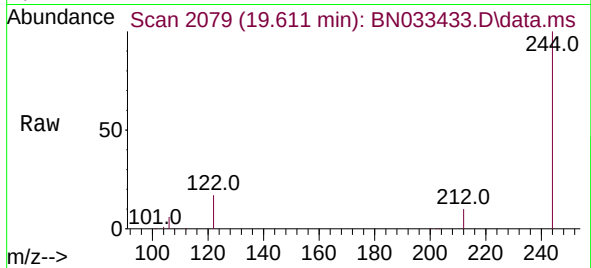




#31
Terphenyl-d14
Concen: 89.921 ng
RT: 19.611 min Scan# 2066
Delta R.T. 0.004 min
Lab File: BN033433.D
Acq: 16 Aug 2024 16:39

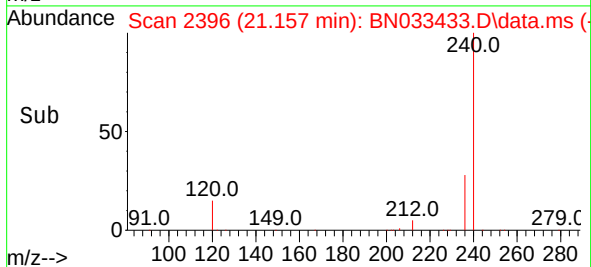
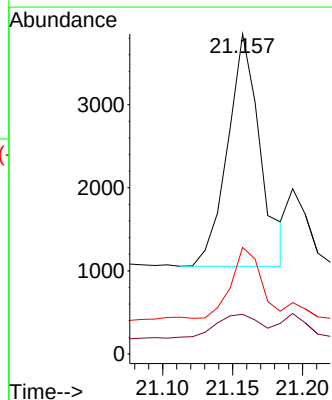
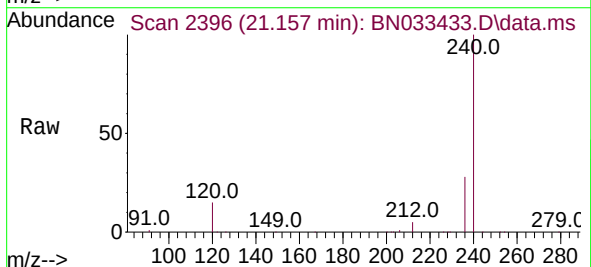
Instrument :
BNA_N
ClientSampleId :
927-K1-WPO-0-0.25-073124-FD

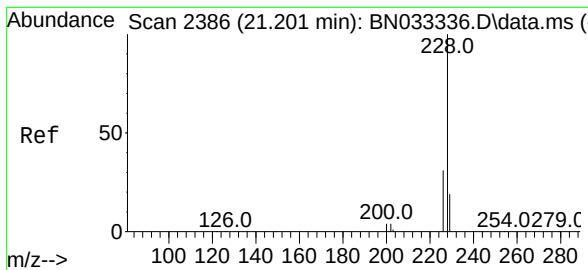
Tgt Ion:244 Resp: 3617624
Ion Ratio Lower Upper
244 100
212 10.0 7.7 11.5
122 16.7 14.0 21.0



#32
Benzo(a)anthracene
Concen: 0.057 ng
RT: 21.157 min Scan# 2396
Delta R.T. 0.018 min
Lab File: BN033433.D
Acq: 16 Aug 2024 16:39

Tgt Ion:228 Resp: 4519
Ion Ratio Lower Upper
228 100
226 12.4 21.6 32.4#
229 33.3 15.9 23.9#





#33

Chrysene

Concen: 0.056 ng

RT: 21.157 min Scan# 24

Delta R.T. -0.036 min

Lab File: BN033433.D

Acq: 16 Aug 2024 16:39

Instrument :

BNA_N

ClientSampleId :

927-K1-WPO-0-0.25-073124-FD

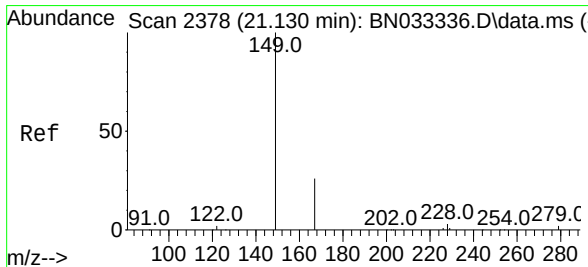
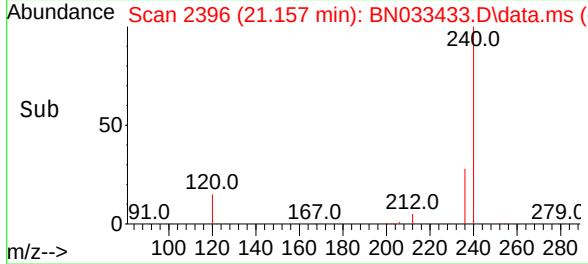
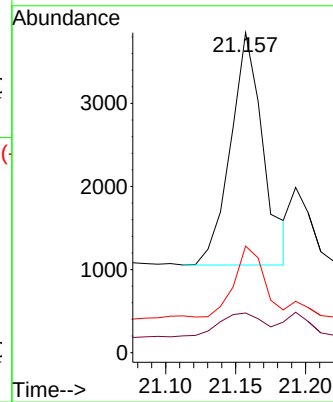
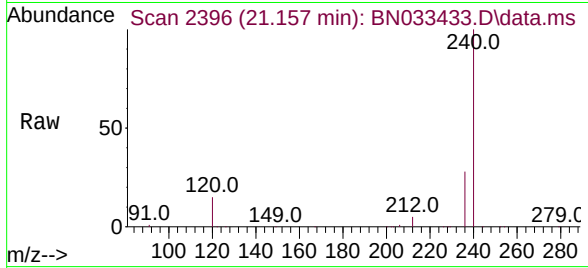
Tgt Ion:228 Resp: 4519

Ion Ratio Lower Upper

228 100

226 12.4 24.7 37.1#

229 33.3 15.4 23.2#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.140 ng

RT: 21.112 min Scan# 2391

Delta R.T. -0.000 min

Lab File: BN033433.D

Acq: 16 Aug 2024 16:39

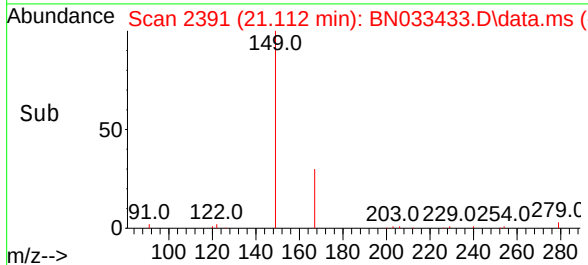
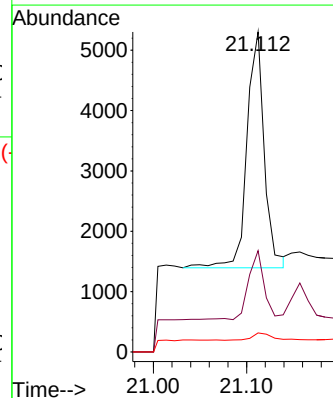
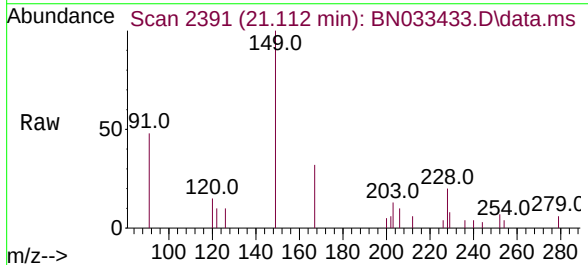
Tgt Ion:149 Resp: 5063

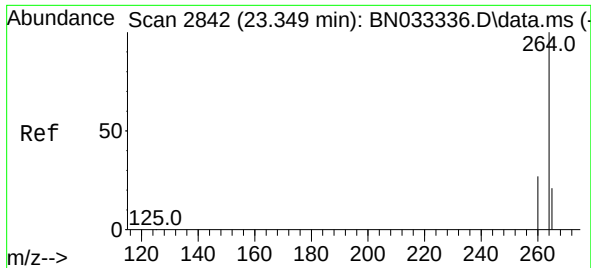
Ion Ratio Lower Upper

149 100

167 26.2 20.9 31.3

279 3.7 2.2 3.4#

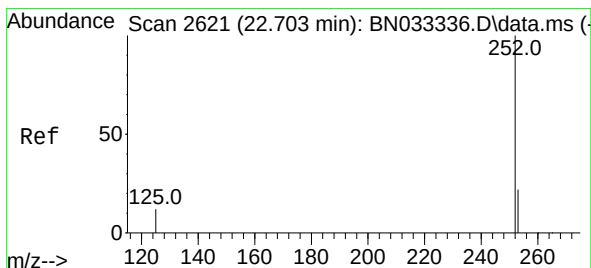
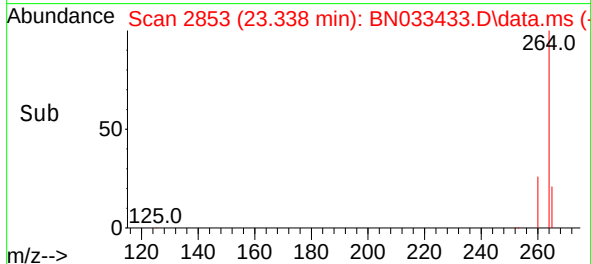
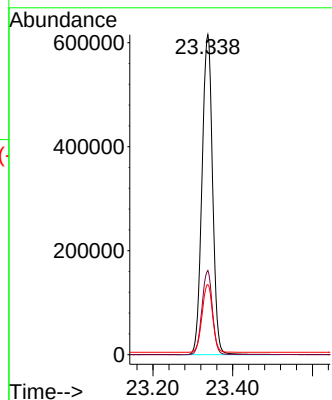
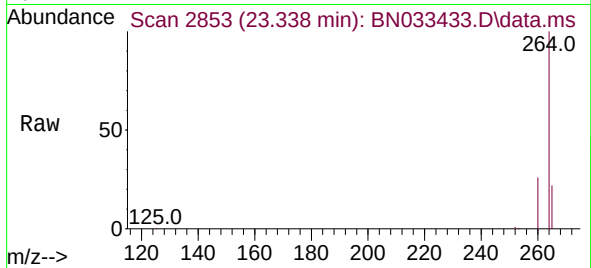




#35
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.338 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BN033433.D
 Acq: 16 Aug 2024 16:39

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

Tgt Ion:264 Resp: 1130216
 Ion Ratio Lower Upper
 264 100
 260 26.3 21.6 32.4
 265 21.9 29.3 43.9#



#37
 Benzo(b)fluoranthene
 Concen: 0.025 ng
 RT: 22.686 min Scan# 2630
 Delta R.T. -0.000 min
 Lab File: BN033433.D
 Acq: 16 Aug 2024 16:39

Tgt Ion:252 Resp: 2142
 Ion Ratio Lower Upper
 252 100
 253 64.2 18.2 27.2#
 125 91.6 11.3 16.9#

