

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082024\
 Data File : BN033517.D
 Acq On : 20 Aug 2024 21:53
 Operator : MA/JU
 Sample : P3662-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 917-J-WPO-0.25-081624

Quant Time: Aug 20 23:23:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 23:32:18 2024
 Response via : Initial Calibration

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

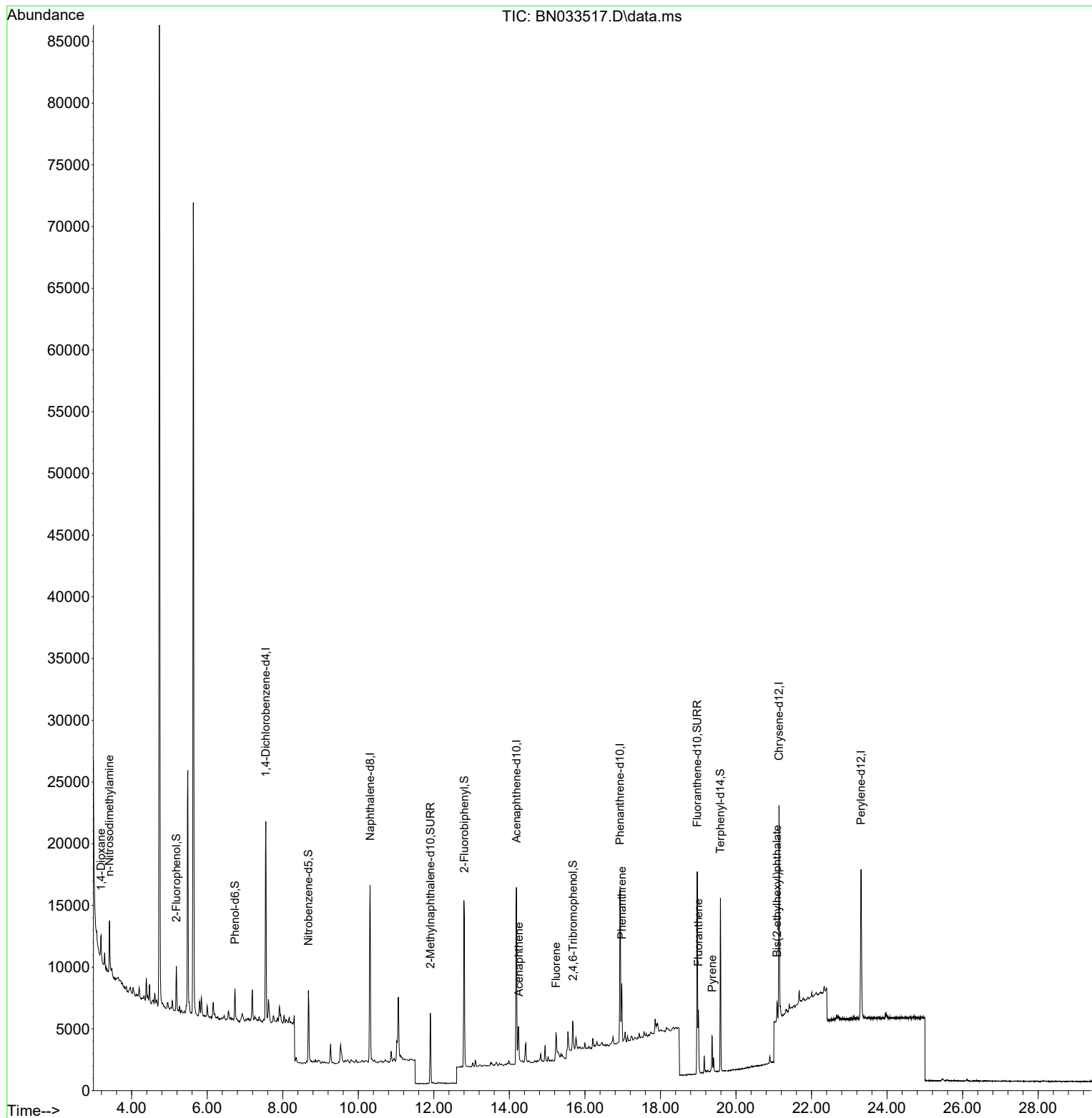
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	7308	0.400	ng	0.00
7) Naphthalene-d8	10.314	136	18500	0.400	ng	# 0.00
13) Acenaphthene-d10	14.189	164	8366	0.400	ng	0.00
19) Phenanthrene-d10	16.929	188	17245	0.400	ng	#-0.01
29) Chrysene-d12	21.139	240	14616	0.400	ng	0.00
35) Perylene-d12	23.312	264	15164	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	2601	0.112	ng	0.00
5) Phenol-d6	6.736	99	2048	0.074	ng	0.00
8) Nitrobenzene-d5	8.681	82	4400	0.287	ng	-0.01
11) 2-Methylnaphthalene-d10	11.911	152	7562	0.286	ng	0.00
14) 2,4,6-Tribromophenol	15.688	330	1328	0.295	ng	0.00
15) 2-Fluorobiphenyl	12.810	172	11931	0.349	ng	0.00
27) Fluoranthene-d10	18.975	212	17494	0.422	ng	0.00
31) Terphenyl-d14	19.588	244	12667	0.381	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.190	88	1104	0.131	ng	# 25
3) n-Nitrosodimethylamine	3.414	42	1119	0.114	ng	# 1
17) Acenaphthene	14.253	154	637	0.025	ng	95
18) Fluorene	15.236	166	3932	0.121	ng	# 33
25) Phenanthrene	16.979	178	5039	0.105	ng	99
28) Fluoranthene	19.007	202	4691	0.088	ng	# 96
30) Pyrene	19.370	202	2723	0.042	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.086	149	8489	0.254	ng	# 64

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

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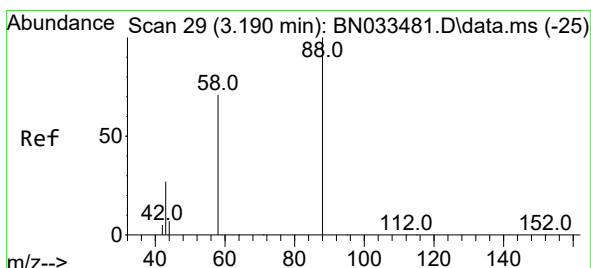
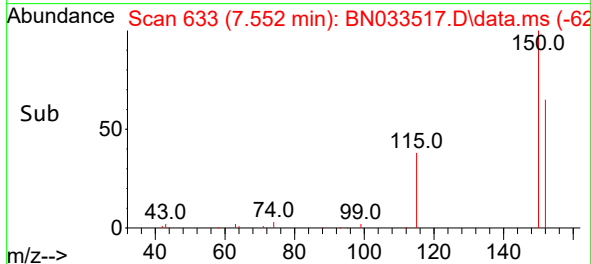
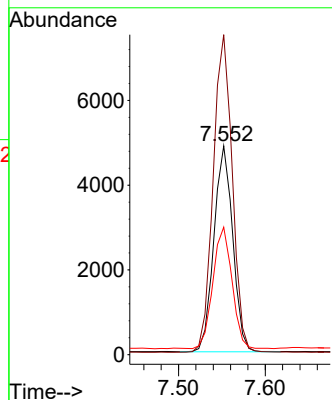
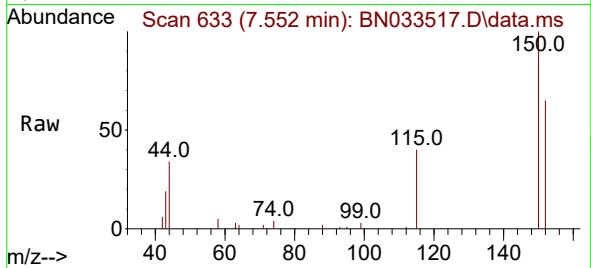




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.552 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN033517.D
Acq: 20 Aug 2024 21:53

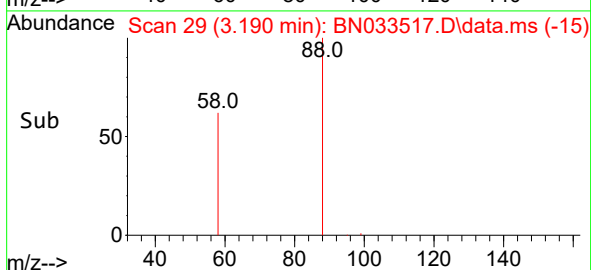
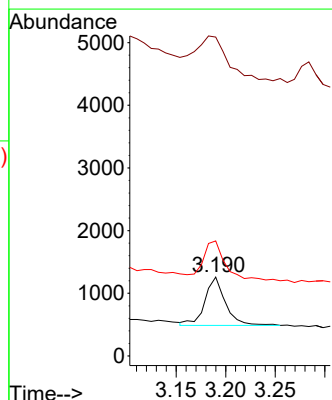
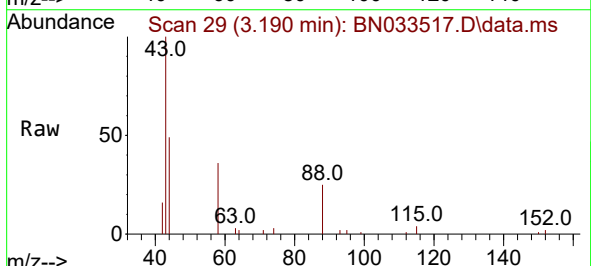
Instrument :
BNA_N
ClientSampleId :
917-J-WPO-0.25-081624

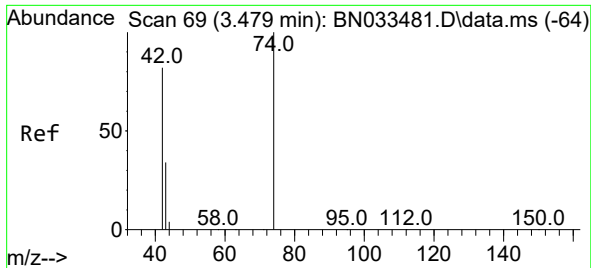
Tgt Ion:152 Resp: 7308
Ion Ratio Lower Upper
152 100
150 153.2 122.2 183.2
115 61.0 47.2 70.8



#2
1,4-Dioxane
Concen: 0.131 ng
RT: 3.190 min Scan# 29
Delta R.T. -0.000 min
Lab File: BN033517.D
Acq: 20 Aug 2024 21:53

Tgt Ion: 88 Resp: 1104
Ion Ratio Lower Upper
88 100
43 155.0 25.0 37.4#
58 91.4 62.5 93.7

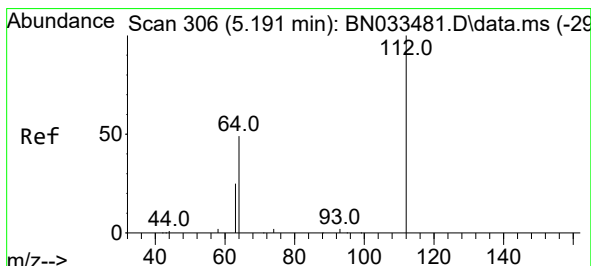
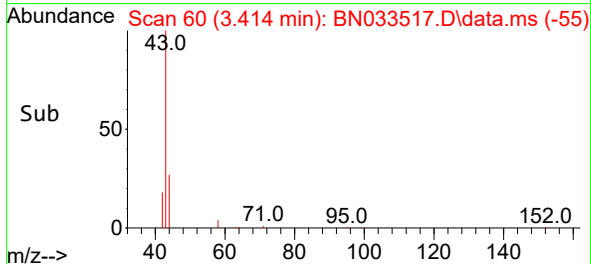
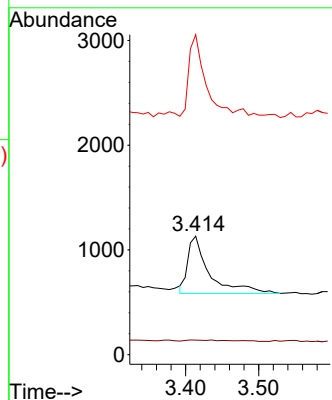
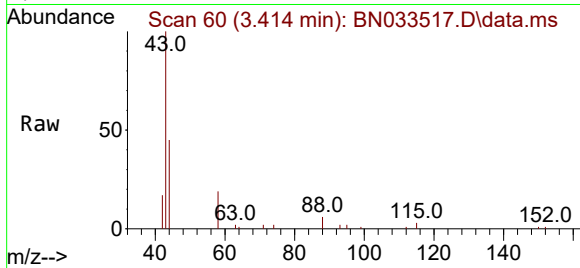




#3
n-Nitrosodimethylamine
Concen: 0.114 ng
RT: 3.414 min Scan# 60
Delta R.T. -0.065 min
Lab File: BN033517.D
Acq: 20 Aug 2024 21:53

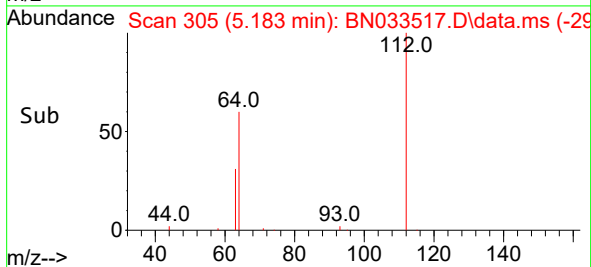
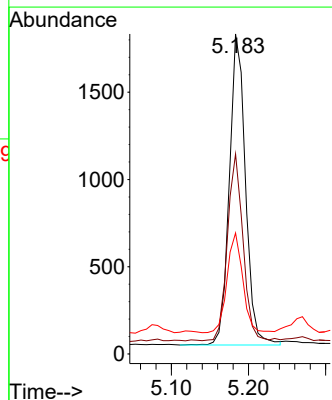
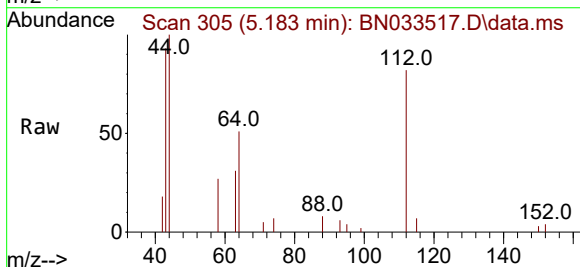
Instrument :
BNA_N
ClientSampleId :
917-J-WPO-0.25-081624

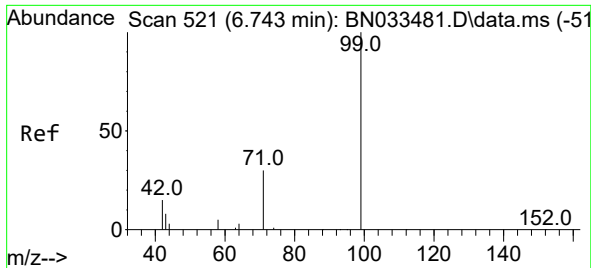
Tgt Ion: 42 Resp: 1119
Ion Ratio Lower Upper
42 100
74 2.9 100.2 150.2#
44 123.1 5.3 7.9#



#4
2-Fluorophenol
Concen: 0.112 ng
RT: 5.183 min Scan# 305
Delta R.T. -0.007 min
Lab File: BN033517.D
Acq: 20 Aug 2024 21:53

Tgt Ion: 112 Resp: 2601
Ion Ratio Lower Upper
112 100
64 57.7 47.1 70.7
63 30.9 24.9 37.3

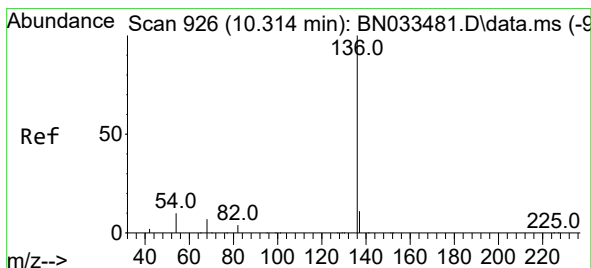
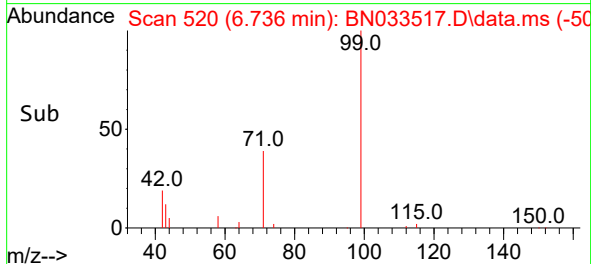
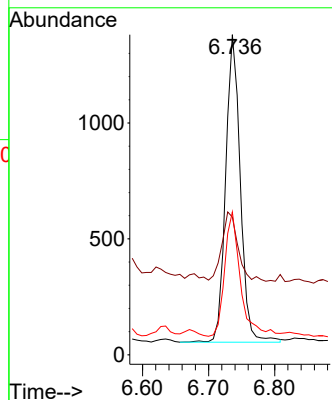
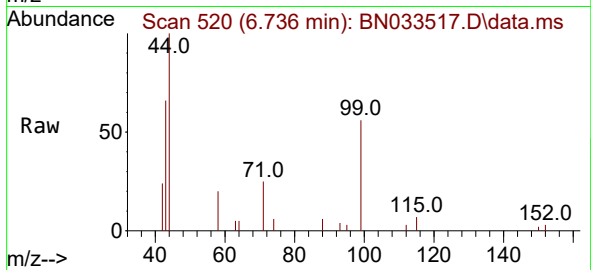




#5
Phenol-d6
Concen: 0.074 ng
RT: 6.736 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN033517.D
Acq: 20 Aug 2024 21:53

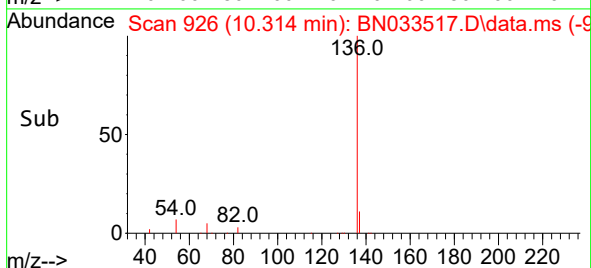
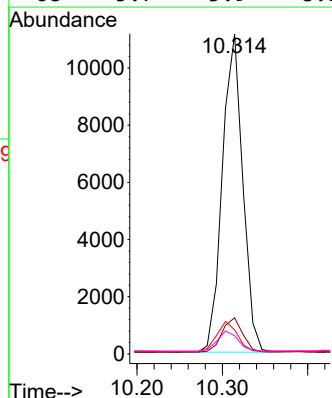
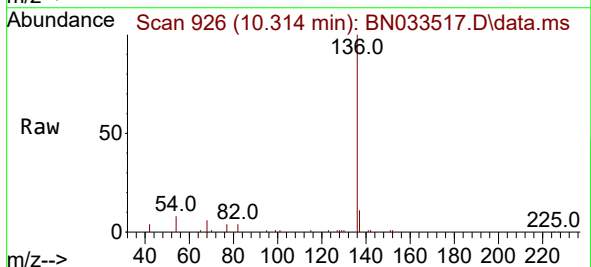
Instrument :
BNA_N
ClientSampleId :
917-J-WPO-0.25-081624

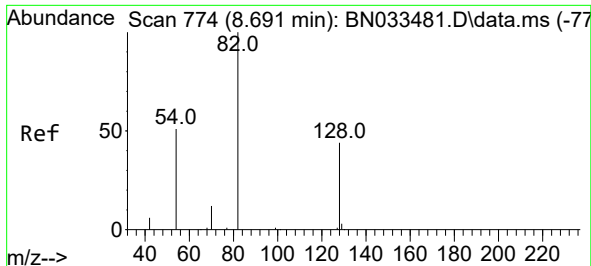
Tgt Ion: 99 Resp: 2048
Ion Ratio Lower Upper
99 100
42 24.6 16.6 24.8
71 43.8 26.2 39.4#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.314 min Scan# 926
Delta R.T. -0.000 min
Lab File: BN033517.D
Acq: 20 Aug 2024 21:53

Tgt Ion: 136 Resp: 18500
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 7.6 8.3 12.5#
68 5.7 5.9 8.9#

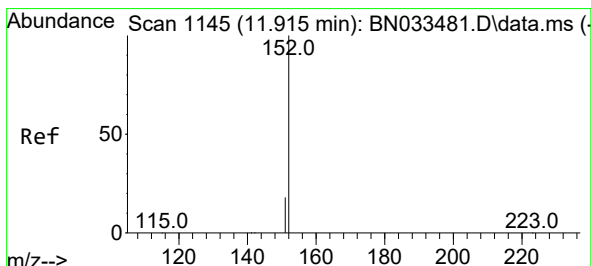
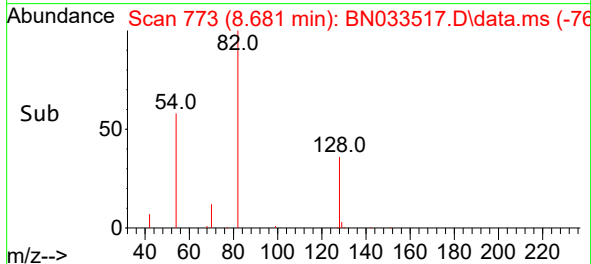
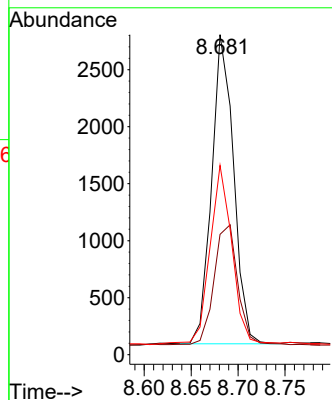
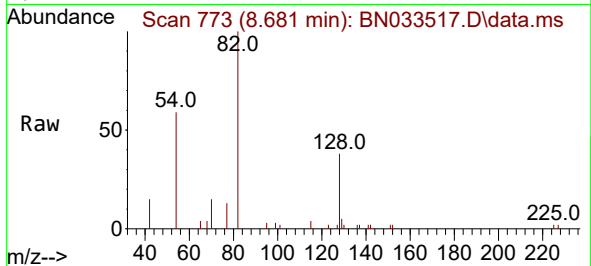




#8
Nitrobenzene-d5
Concen: 0.287 ng
RT: 8.681 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN033517.D
Acq: 20 Aug 2024 21:53

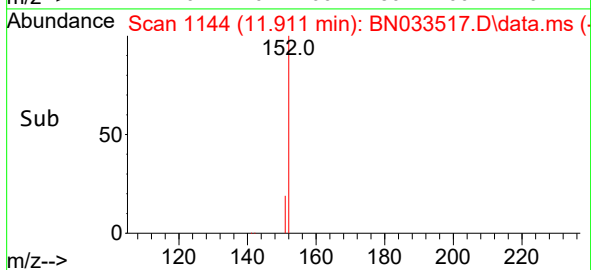
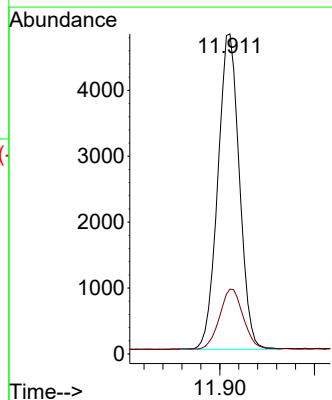
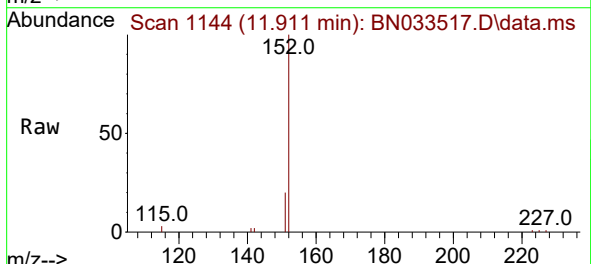
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ClientSampleId :
917-J-WPO-0.25-081624

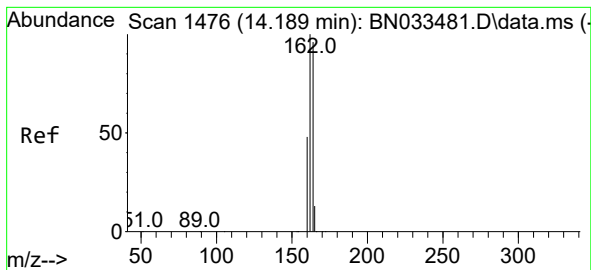
Tgt Ion: 82 Resp: 4400
Ion Ratio Lower Upper
82 100
128 37.6 36.0 54.0
54 59.2 42.0 63.0



#11
2-Methylnaphthalene-d10
Concen: 0.286 ng
RT: 11.911 min Scan# 1144
Delta R.T. -0.004 min
Lab File: BN033517.D
Acq: 20 Aug 2024 21:53

Tgt Ion: 152 Resp: 7562
Ion Ratio Lower Upper
152 100
151 20.8 16.6 25.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.189 min Scan# 1476

Delta R.T. -0.000 min

Lab File: BN033517.D

Acq: 20 Aug 2024 21:53

Instrument :

BNA_N

ClientSampleId :

917-J-WPO-0.25-081624

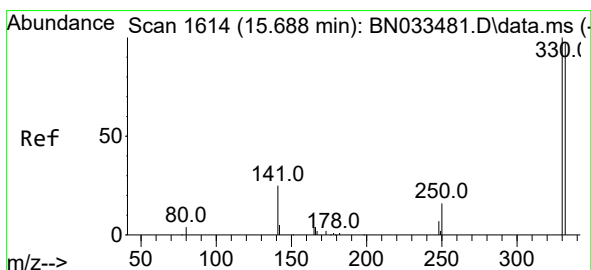
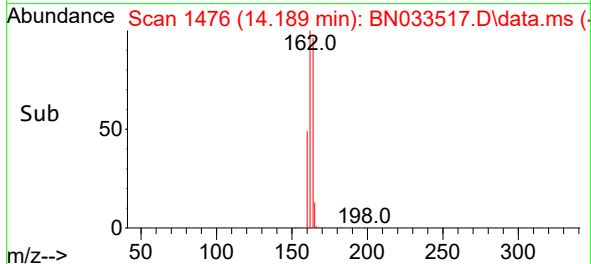
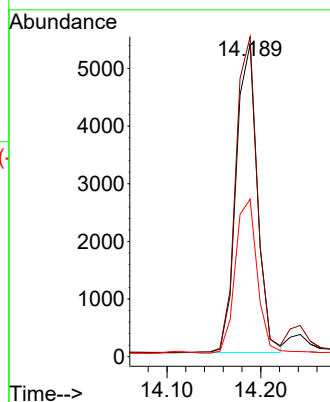
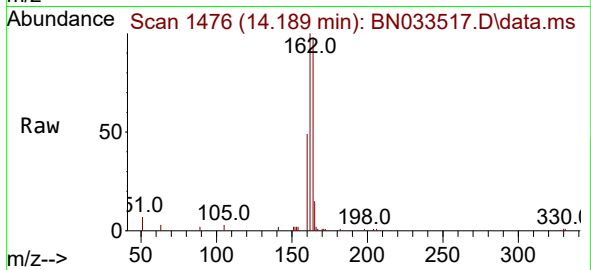
Tgt Ion:164 Resp: 8366

Ion Ratio Lower Upper

164 100

162 102.4 83.5 125.3

160 50.4 40.2 60.4



#14

2,4,6-Tribromophenol

Concen: 0.295 ng

RT: 15.688 min Scan# 1614

Delta R.T. -0.000 min

Lab File: BN033517.D

Acq: 20 Aug 2024 21:53

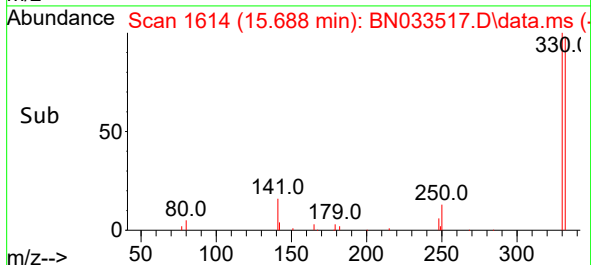
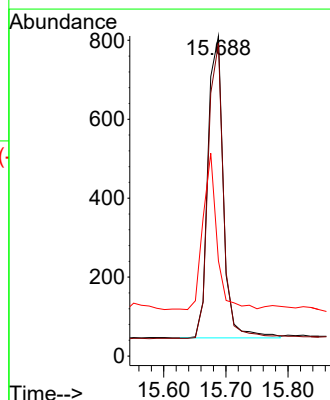
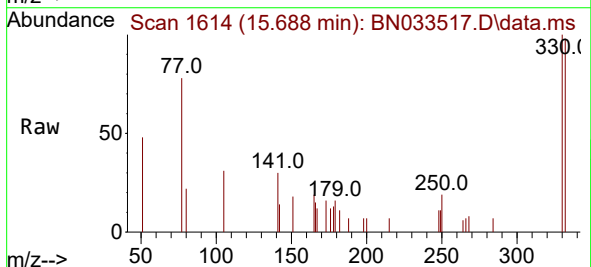
Tgt Ion:330 Resp: 1328

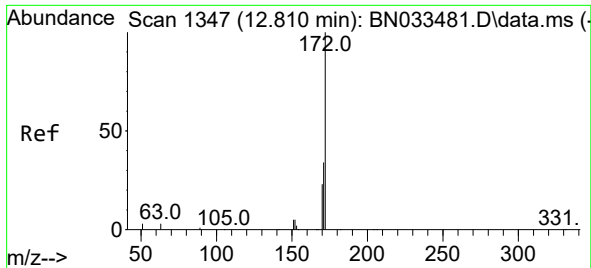
Ion Ratio Lower Upper

330 100

332 96.2 77.5 116.3

141 46.2 33.9 50.9

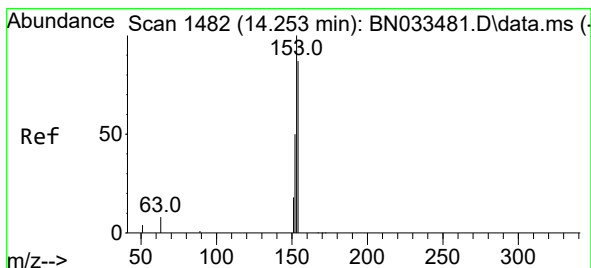
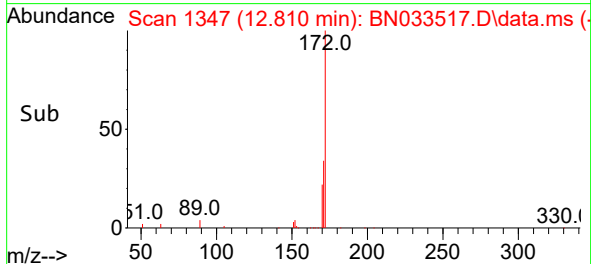
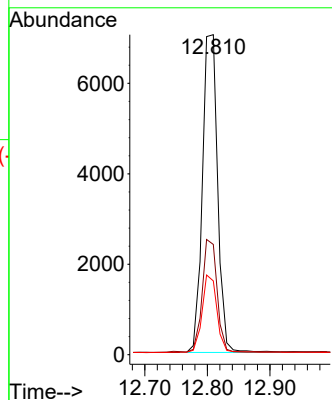
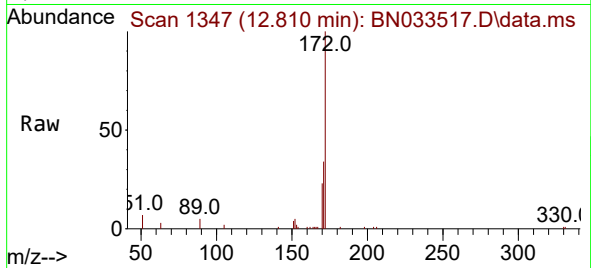




#15
2-Fluorobiphenyl
Concen: 0.349 ng
RT: 12.810 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN033517.D
Acq: 20 Aug 2024 21:53

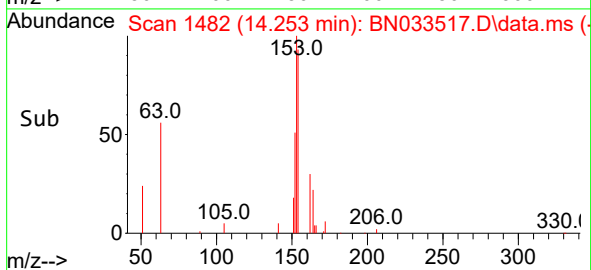
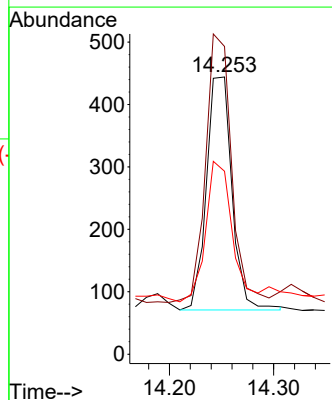
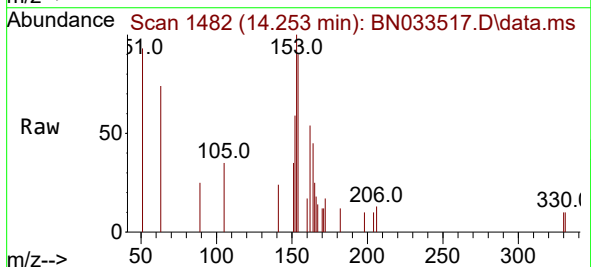
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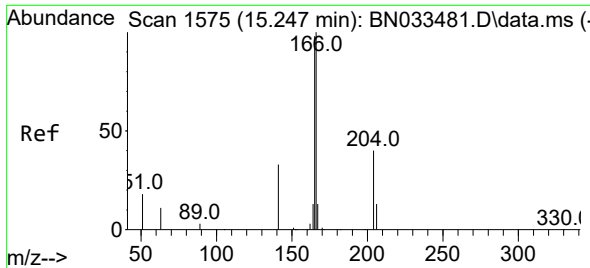
Tgt Ion:	172	Resp:	11931
Ion Ratio	Lower	Upper	
172	100		
171	34.4	27.7	41.5
170	23.0	18.3	27.5



#17
Acenaphthene
Concen: 0.025 ng
RT: 14.253 min Scan# 1482
Delta R.T. -0.000 min
Lab File: BN033517.D
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Tgt Ion:	154	Resp:	637
Ion Ratio	Lower	Upper	
154	100		
153	115.7	89.0	133.6
152	62.0	45.2	67.8

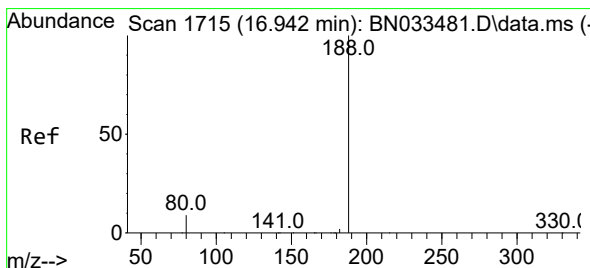
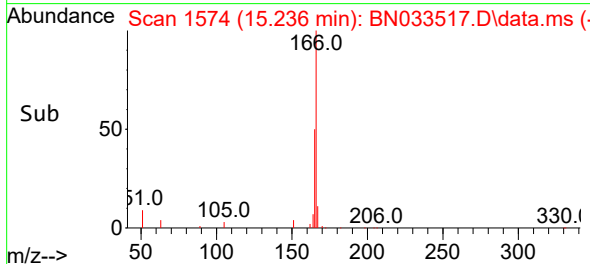
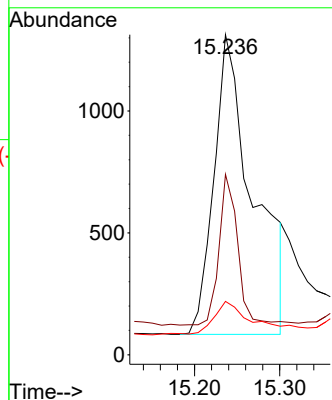
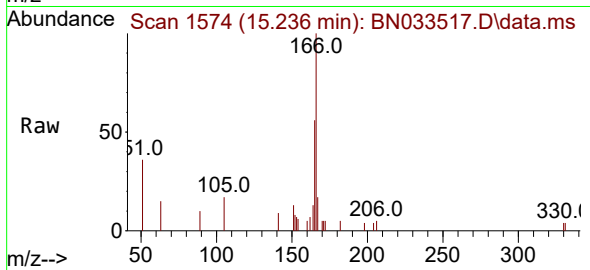




#18
Fluorene
Concen: 0.121 ng
RT: 15.236 min Scan# 1574
Delta R.T. -0.011 min
Lab File: BN033517.D
Acq: 20 Aug 2024 21:53

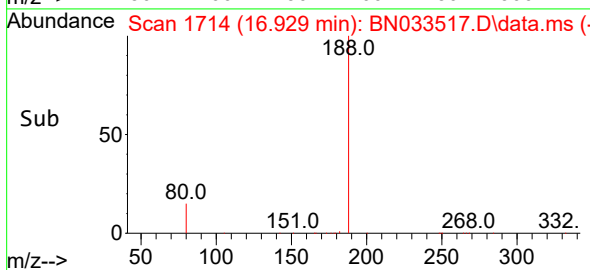
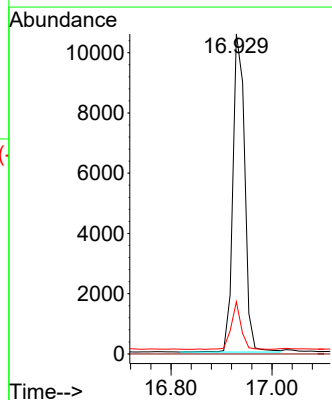
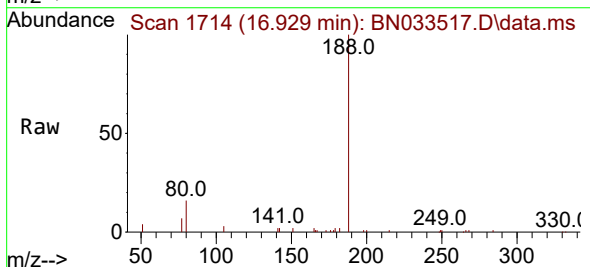
Instrument :
BNA_N
ClientSampleId :
917-J-WPO-0.25-081624

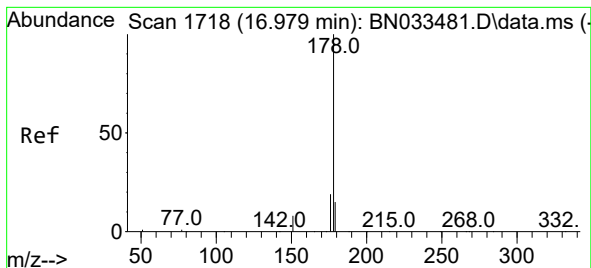
Tgt Ion:166 Resp: 3932
Ion Ratio Lower Upper
166 100
165 23.7 78.2 117.4#
167 9.9 10.6 16.0#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.929 min Scan# 1714
Delta R.T. -0.012 min
Lab File: BN033517.D
Acq: 20 Aug 2024 21:53

Tgt Ion:188 Resp: 17245
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 16.3 7.8 11.8#





#25

Phenanthrene

Concen: 0.105 ng

RT: 16.979 min Scan# 1718

Delta R.T. -0.000 min

Lab File: BN033517.D

Acq: 20 Aug 2024 21:53

Instrument :

BNA_N

ClientSampleId :

917-J-WPO-0.25-081624

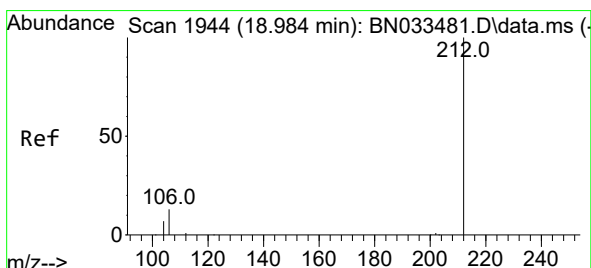
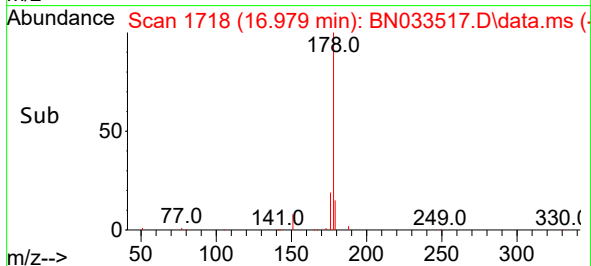
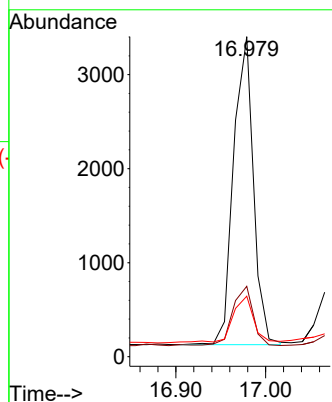
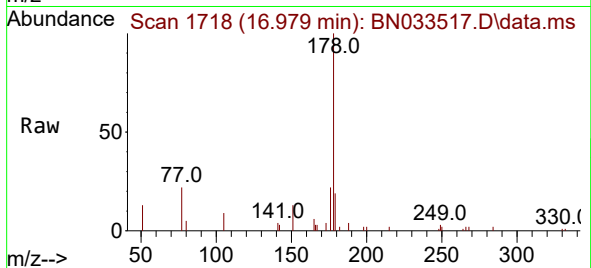
Tgt Ion:178 Resp: 5039

Ion Ratio Lower Upper

178 100

176 19.9 15.3 22.9

179 15.8 12.3 18.5



#27

Fluoranthene-d10

Concen: 0.422 ng

RT: 18.975 min Scan# 1942

Delta R.T. -0.009 min

Lab File: BN033517.D

Acq: 20 Aug 2024 21:53

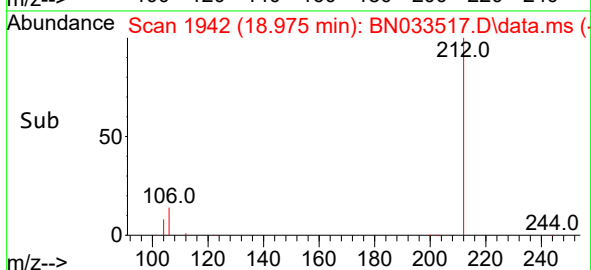
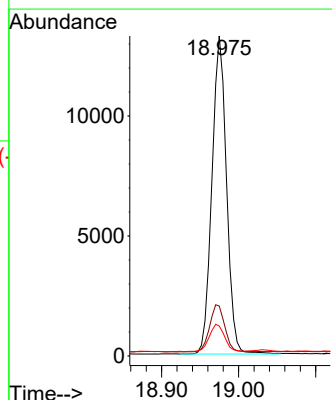
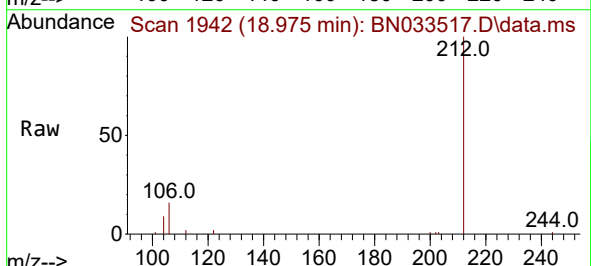
Tgt Ion:212 Resp: 17494

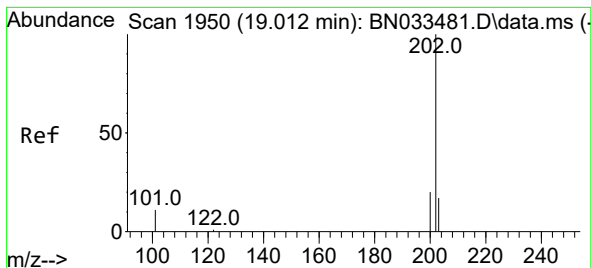
Ion Ratio Lower Upper

212 100

106 15.4 12.3 18.5

104 9.0 7.0 10.4





#28

Fluoranthene

Concen: 0.088 ng

RT: 19.007 min Scan# 1949

Delta R.T. -0.005 min

Lab File: BN033517.D

Acq: 20 Aug 2024 21:53

Instrument :

BNA_N

ClientSampleId :

917-J-WPO-0.25-081624

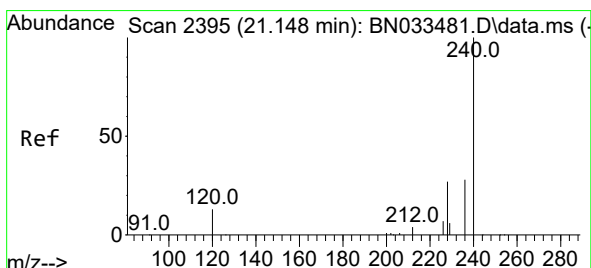
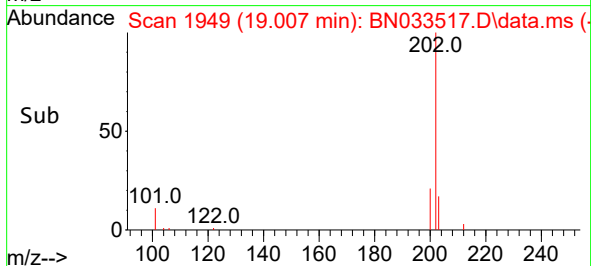
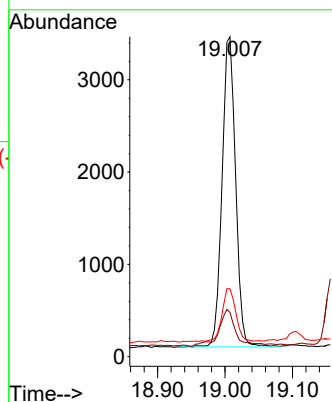
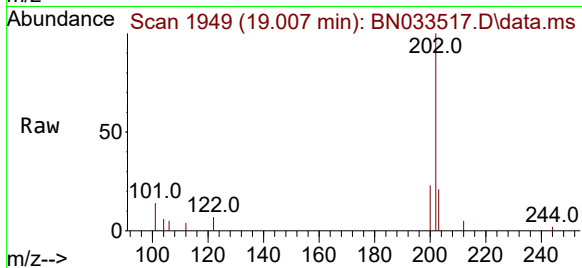
Tgt Ion:202 Resp: 4691

Ion Ratio Lower Upper

202 100

101 14.7 9.5 14.3#

203 18.4 13.8 20.6



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.139 min Scan# 2394

Delta R.T. -0.009 min

Lab File: BN033517.D

Acq: 20 Aug 2024 21:53

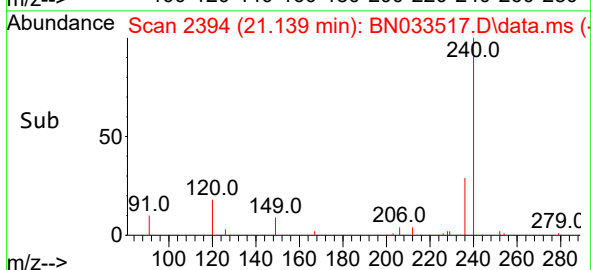
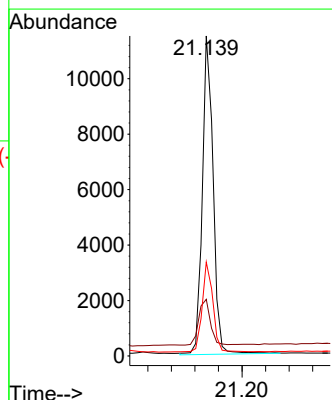
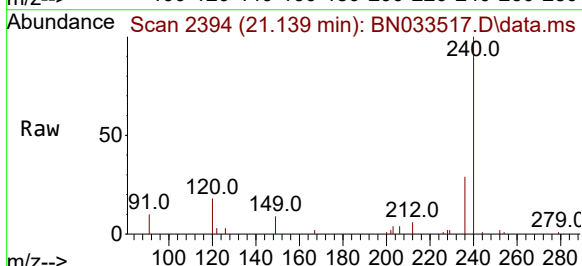
Tgt Ion:240 Resp: 14616

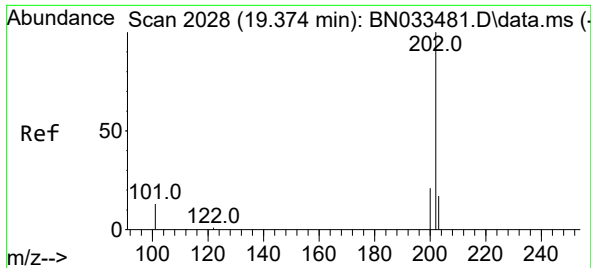
Ion Ratio Lower Upper

240 100

120 17.7 12.4 18.6

236 29.4 23.0 34.6

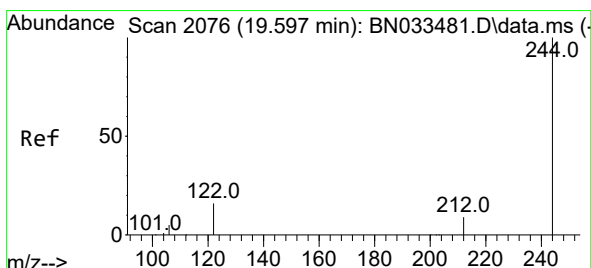
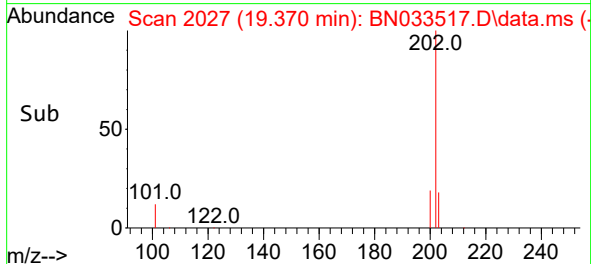
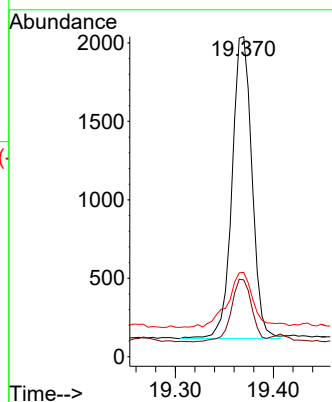
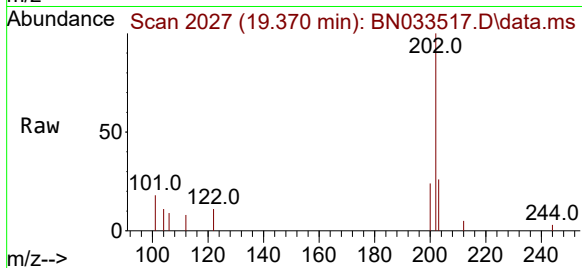




#30
 Pyrene
 Concen: 0.042 ng
 RT: 19.370 min Scan# 2028
 Delta R.T. -0.005 min
 Lab File: BN033517.D
 Acq: 20 Aug 2024 21:53

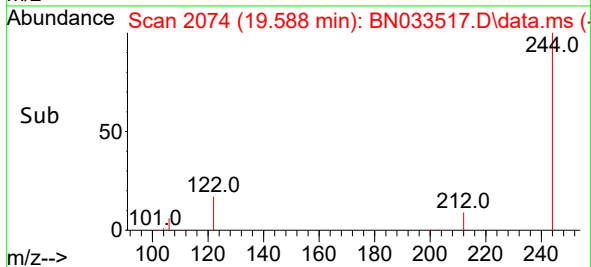
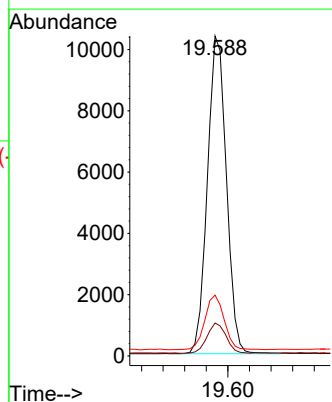
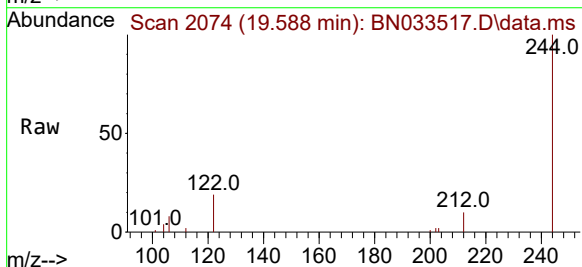
Instrument :
 BNA_N
 ClientSampleId :
 917-J-WPO-0.25-081624

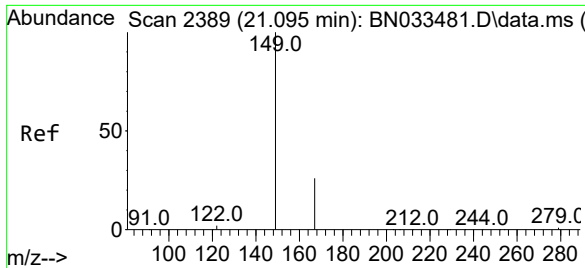
Tgt Ion:	202	Resp:	2723
Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.6	24.8
203	23.7	14.2	21.4



#31
 Terphenyl-d14
 Concen: 0.381 ng
 RT: 19.588 min Scan# 2074
 Delta R.T. -0.009 min
 Lab File: BN033517.D
 Acq: 20 Aug 2024 21:53

Tgt Ion:	244	Resp:	12667
Ion	Ratio	Lower	Upper
244	100		
212	10.3	7.8	11.6
122	19.0	13.3	19.9

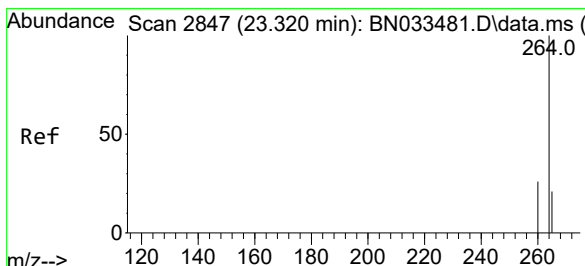
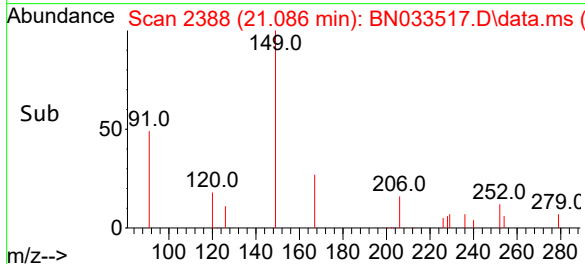
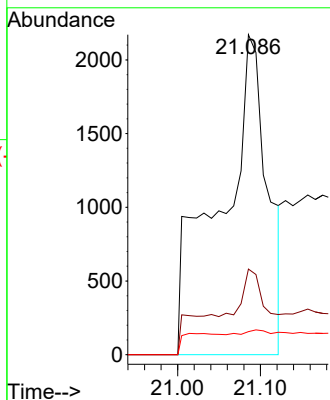
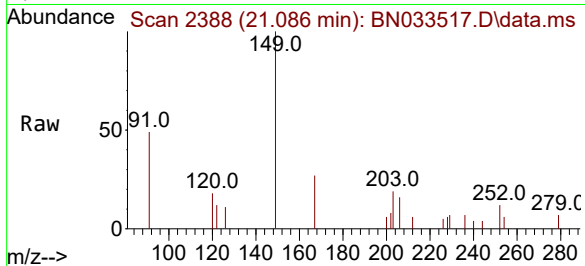




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.254 ng
 RT: 21.086 min Scan# 21088
 Delta R.T. -0.009 min
 Lab File: BN033517.D
 Acq: 20 Aug 2024 21:53

Instrument :
 BNA_N
 ClientSampleId :
 917-J-WPO-0.25-081624

Tgt Ion:149 Resp: 8489
 Ion Ratio Lower Upper
 149 100
 167 6.8 21.5 32.3#
 279 0.0 2.2 3.2#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.312 min Scan# 2844
 Delta R.T. -0.009 min
 Lab File: BN033517.D
 Acq: 20 Aug 2024 21:53

Tgt Ion:264 Resp: 15164
 Ion Ratio Lower Upper
 264 100
 260 26.4 20.8 31.2
 265 63.3 52.2 78.2

