

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
 Data File : BN034145.D
 Acq On : 22 Sep 2024 04:11
 Operator : JU/RC
 Sample : P4111-03
 Misc :
 ALS Vial : 110 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP302-20240918

Quant Time: Sep 23 00:03:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 18 16:09:28 2024
 Response via : Initial Calibration

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

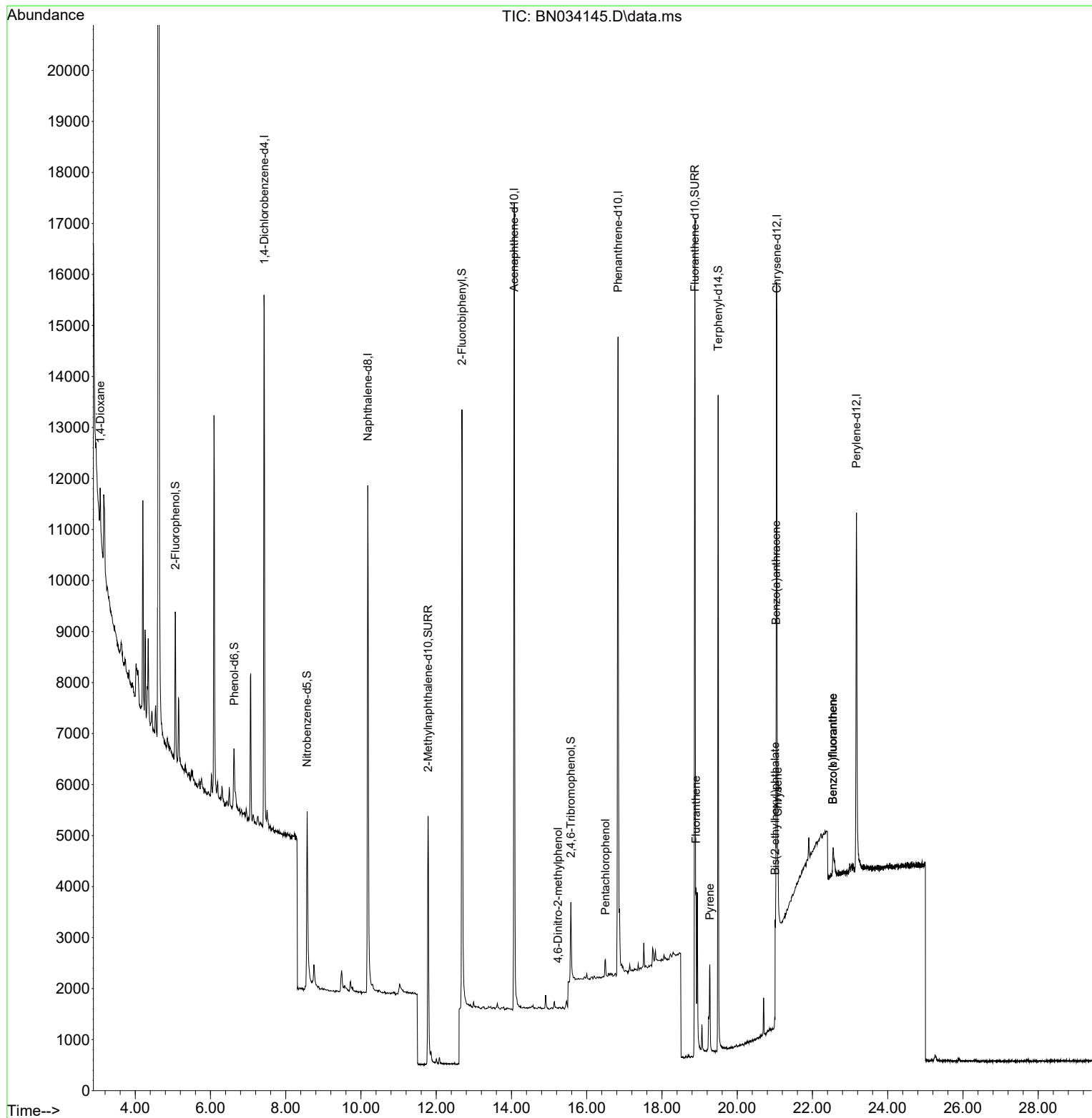
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.430	152	5323	0.400	ng	0.00
7) Naphthalene-d8	10.180	136	14781	0.400	ng	#-0.02
13) Acenaphthene-d10	14.072	164	8810	0.400	ng	0.00
19) Phenanthrene-d10	16.833	188	18798	0.400	ng	0.00
29) Chrysene-d12	21.053	240	12981	0.400	ng	# 0.00
35) Perylene-d12	23.168	264	9751	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.069	112	2254	0.149	ng	0.00
5) Phenol-d6	6.629	99	1356	0.077	ng	0.00
8) Nitrobenzene-d5	8.568	82	3665	0.324	ng	0.00
11) 2-Methylnaphthalene-d10	11.784	152	7586	0.348	ng	0.00
14) 2,4,6-Tribromophenol	15.579	330	1010	0.253	ng	0.00
15) 2-Fluorobiphenyl	12.683	172	12295	0.343	ng	-0.02
27) Fluoranthene-d10	18.876	212	18748	0.395	ng	-0.01
31) Terphenyl-d14	19.494	244	12080	0.466	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.068	88	457	0.069	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.238	198	1	0.138	ng	# 1
24) Pentachlorophenol	16.498	266	240	0.061	ng	96
28) Fluoranthene	18.904	202	2550	0.041	ng	96
30) Pyrene	19.271	202	1571	0.029	ng	# 91
32) Benzo(a)anthracene	21.035	228	833	0.020	ng	# 84
33) Chrysene	21.080	228	1111	0.023	ng	# 84
34) Bis(2-ethylhexyl)phtha...	21.008	149	1243	0.073	ng	# 74
37) Benzo(b)fluoranthene	22.546	252	825	0.022	ng	# 1
38) Benzo(k)fluoranthene	22.546	252	825	0.021	ng	# 1

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

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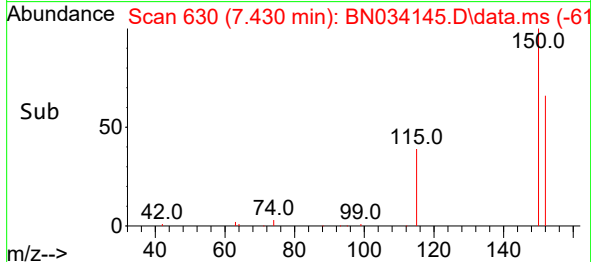
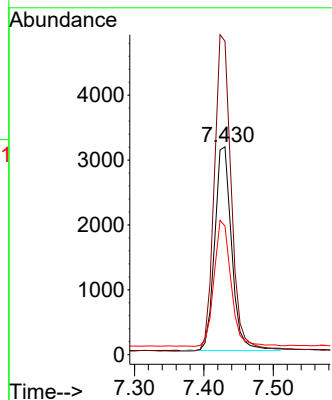
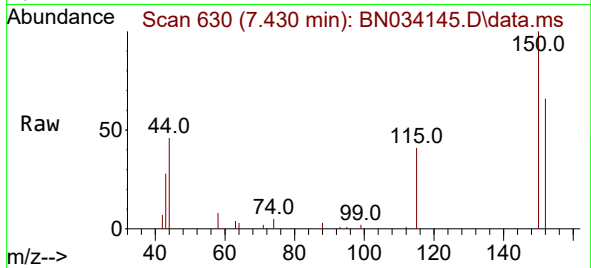




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.430 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN034145.D
 Acq: 22 Sep 2024 04:11

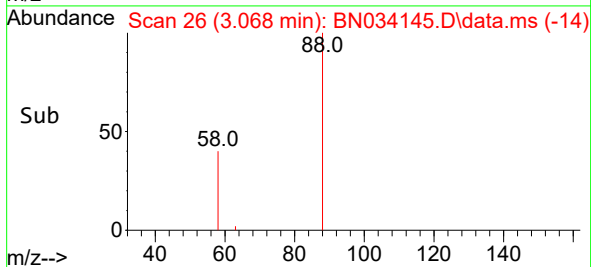
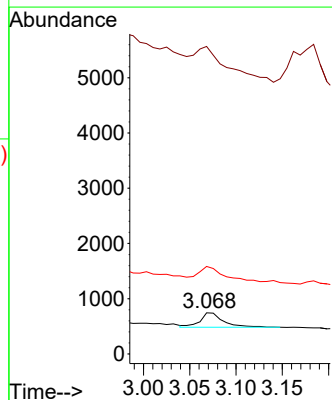
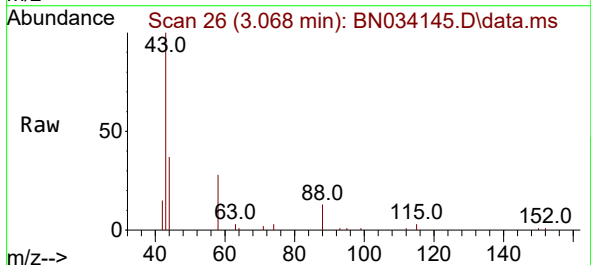
Instrument :
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 RW7-SP302-20240918

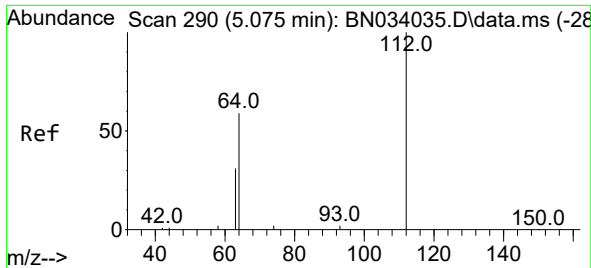
Tgt Ion:152 Resp: 5323
 Ion Ratio Lower Upper
 152 100
 150 150.8 124.6 187.0
 115 61.9 50.0 75.0



#2
 1,4-Dioxane
 Concen: 0.069 ng
 RT: 3.068 min Scan# 26
 Delta R.T. -0.013 min
 Lab File: BN034145.D
 Acq: 22 Sep 2024 04:11

Tgt Ion: 88 Resp: 457
 Ion Ratio Lower Upper
 88 100
 43 354.7 25.8 38.8#
 58 137.4 58.8 88.2#





#4

2-Fluorophenol

Concen: 0.149 ng

RT: 5.069 min Scan# 303

Delta R.T. -0.006 min

Lab File: BN034145.D

Acq: 22 Sep 2024 04:11

Instrument :

BNA_N

ClientSampleId :

RW7-SP302-20240918

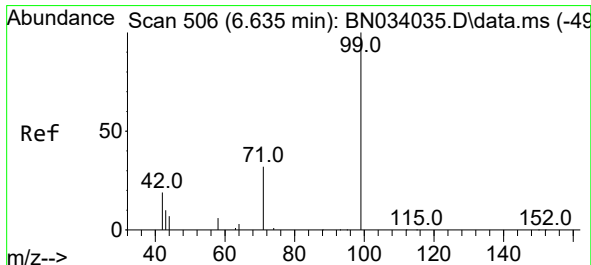
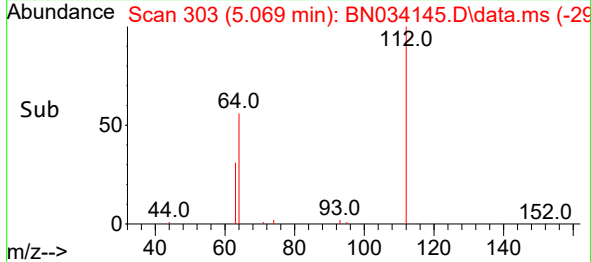
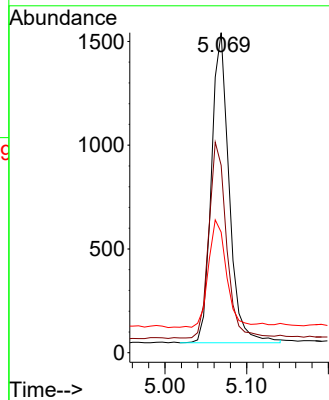
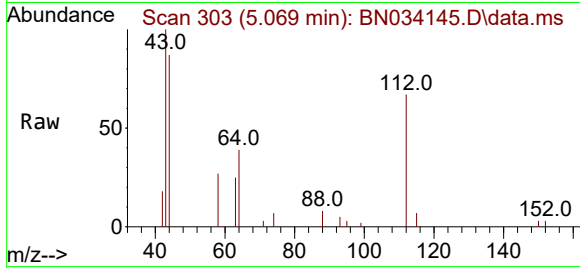
Tgt Ion:112 Resp: 2254

Ion Ratio Lower Upper

112 100

64 63.6 48.6 72.8

63 35.2 25.6 38.4



#5

Phenol-d6

Concen: 0.077 ng

RT: 6.629 min Scan# 519

Delta R.T. -0.006 min

Lab File: BN034145.D

Acq: 22 Sep 2024 04:11

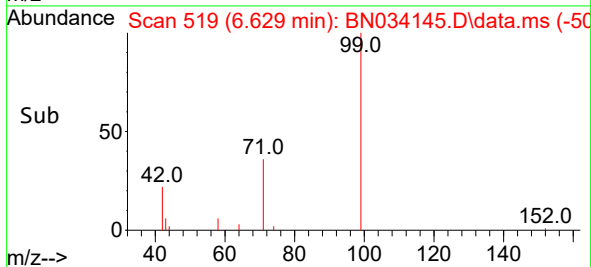
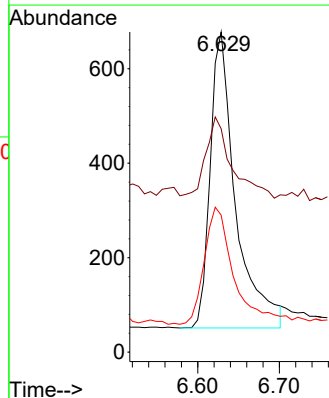
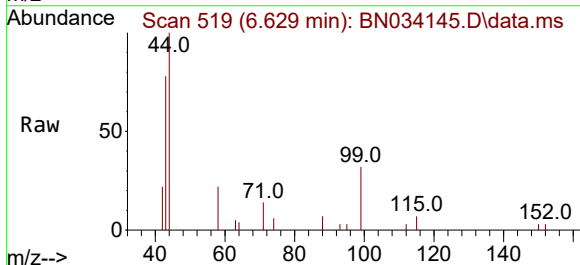
Tgt Ion: 99 Resp: 1356

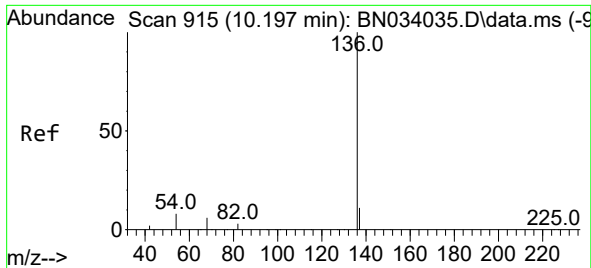
Ion Ratio Lower Upper

99 100

42 27.8 17.8 26.8#

71 45.4 26.2 39.2#

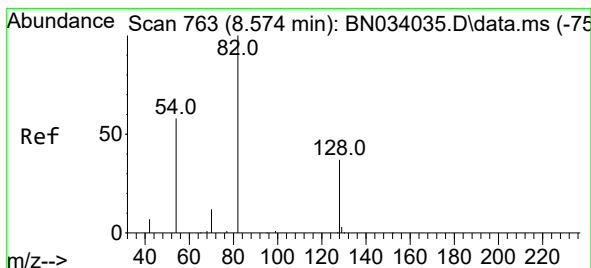
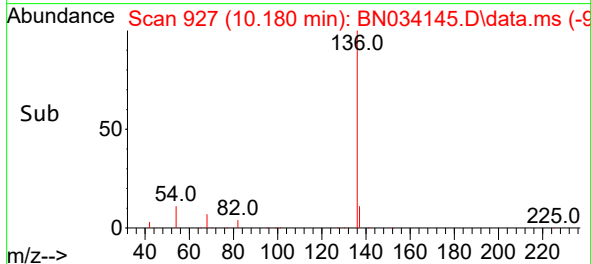
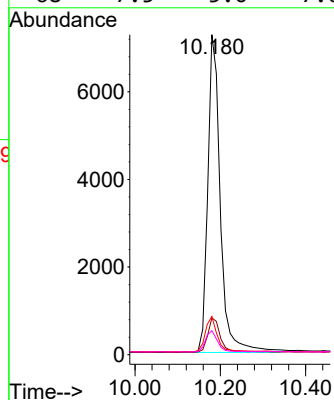
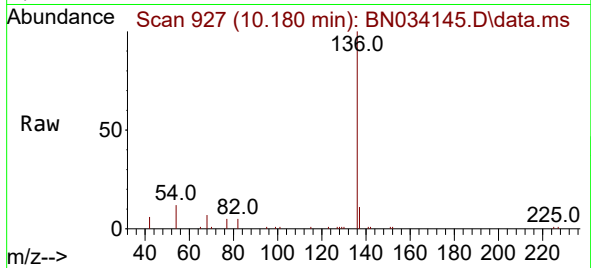




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.180 min Scan# 915
Delta R.T. -0.017 min
Lab File: BN034145.D
Acq: 22 Sep 2024 04:11

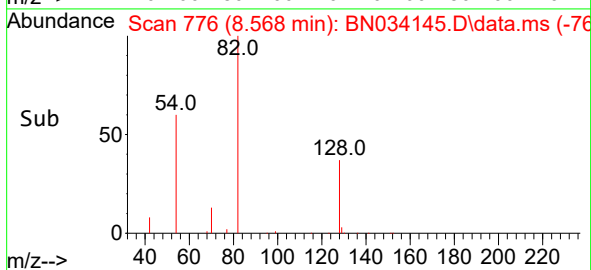
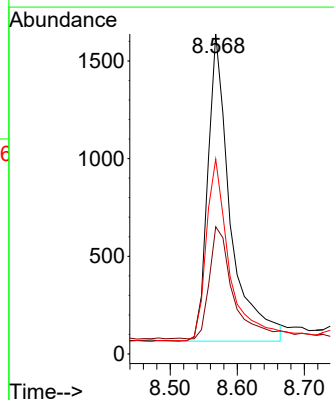
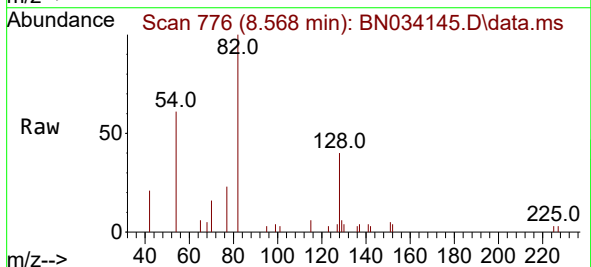
Instrument :
BNA_N
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RW7-SP302-20240918

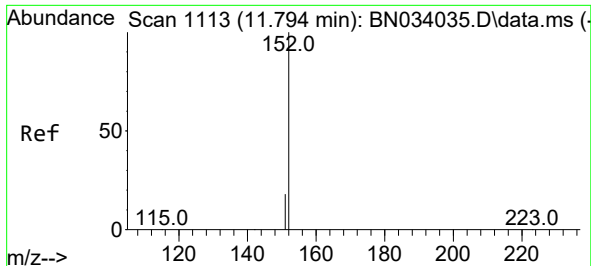
Tgt Ion:136 Resp: 14781
Ion Ratio Lower Upper
136 100
137 11.5 9.0 13.6
54 12.0 6.8 10.2#
68 7.5 5.0 7.6



#8
Nitrobenzene-d5
Concen: 0.324 ng
RT: 8.568 min Scan# 776
Delta R.T. -0.006 min
Lab File: BN034145.D
Acq: 22 Sep 2024 04:11

Tgt Ion: 82 Resp: 3665
Ion Ratio Lower Upper
82 100
128 39.7 31.4 47.2
54 60.9 47.4 71.0

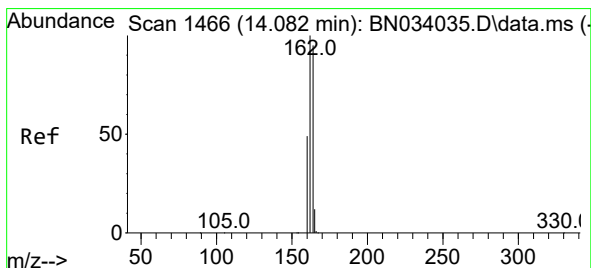
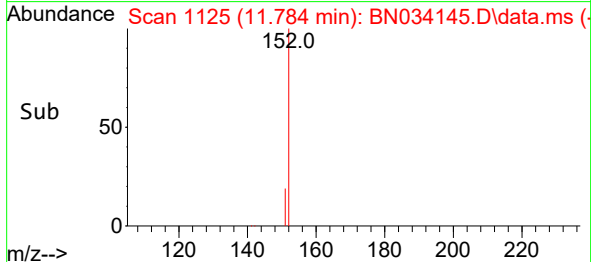
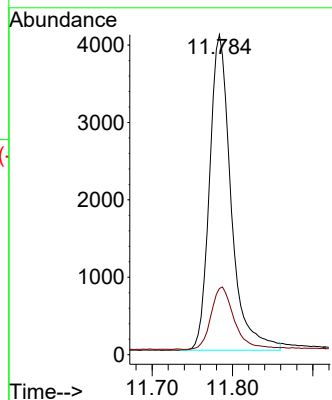
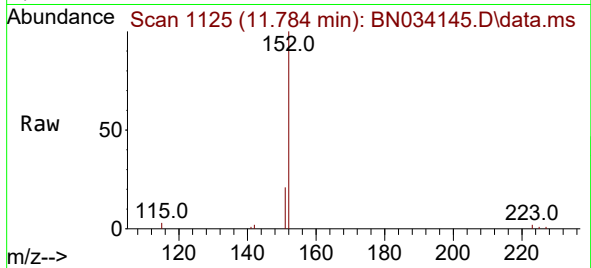




#11
2-Methylnaphthalene-d10
Concen: 0.348 ng
RT: 11.784 min Scan# 1113
Delta R.T. -0.010 min
Lab File: BN034145.D
Acq: 22 Sep 2024 04:11

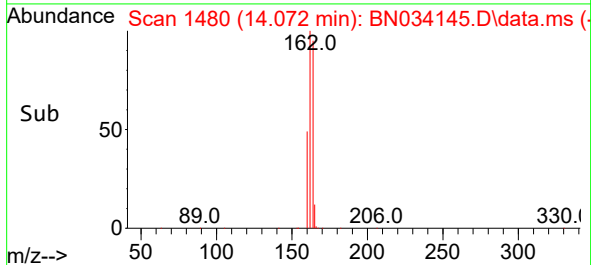
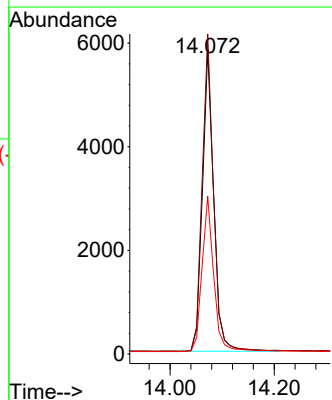
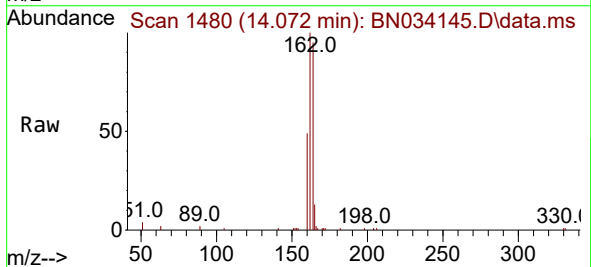
Instrument :
BNA_N
ClientSampleId :
RW7-SP302-20240918

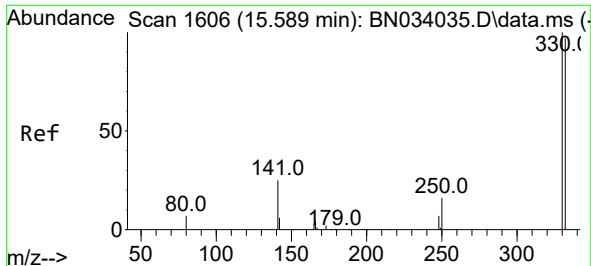
Tgt Ion:152 Resp: 7586
Ion Ratio Lower Upper
152 100
151 21.5 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.072 min Scan# 1480
Delta R.T. -0.009 min
Lab File: BN034145.D
Acq: 22 Sep 2024 04:11

Tgt Ion:164 Resp: 8810
Ion Ratio Lower Upper
164 100
162 105.2 84.2 126.2
160 51.9 41.7 62.5

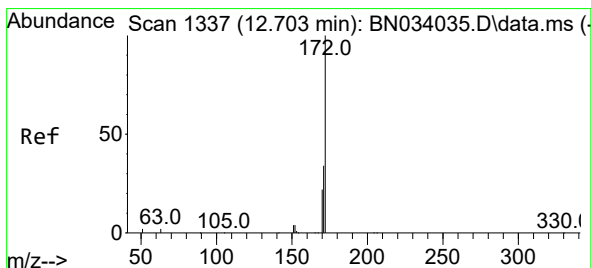
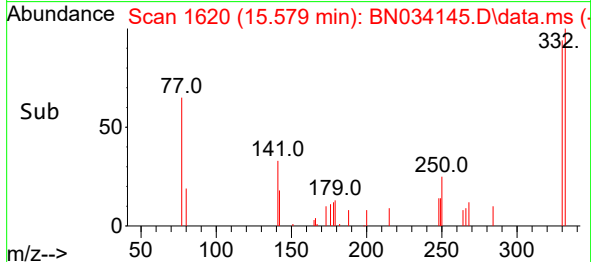
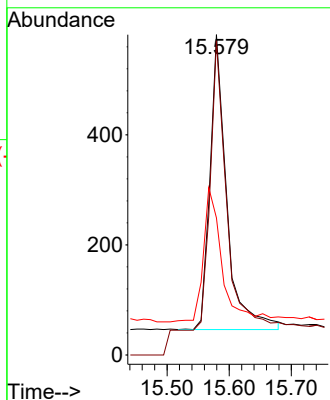
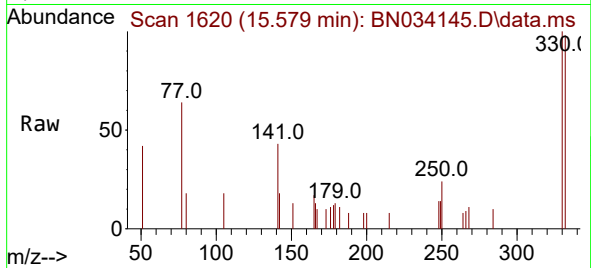




#14
2,4,6-Tribromophenol
Concen: 0.253 ng
RT: 15.579 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN034145.D
Acq: 22 Sep 2024 04:11

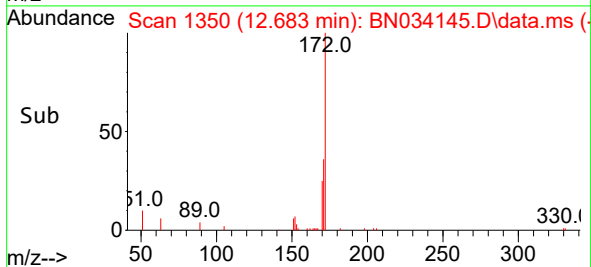
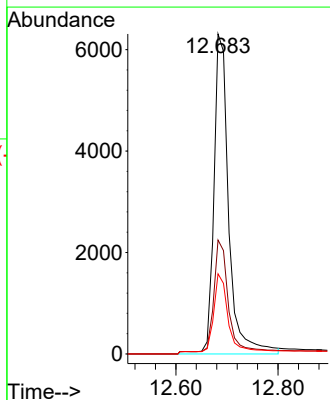
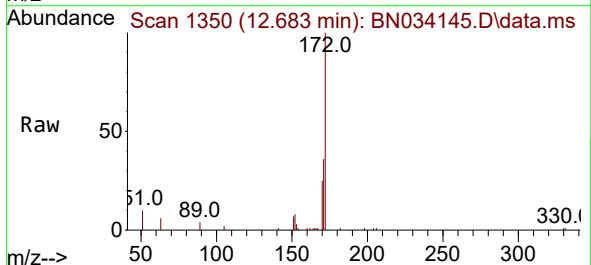
Instrument :
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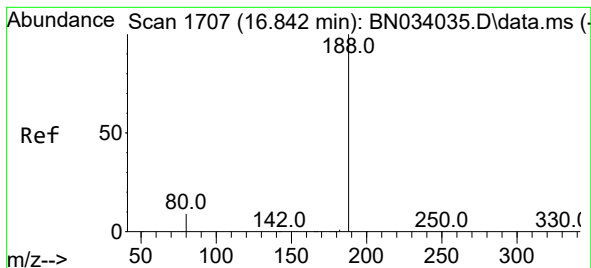
Tgt Ion:330 Resp: 1010
Ion Ratio Lower Upper
330 100
332 94.6 77.4 116.0
141 50.3 35.9 53.9



#15
2-Fluorobiphenyl
Concen: 0.343 ng
RT: 12.683 min Scan# 1350
Delta R.T. -0.020 min
Lab File: BN034145.D
Acq: 22 Sep 2024 04:11

Tgt Ion:172 Resp: 12295
Ion Ratio Lower Upper
172 100
171 35.6 27.3 40.9
170 25.1 18.1 27.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.833 min Scan# 1

Delta R.T. -0.009 min

Lab File: BN034145.D

Acq: 22 Sep 2024 04:11

Instrument :

BNA_N

ClientSampleId :

RW7-SP302-20240918

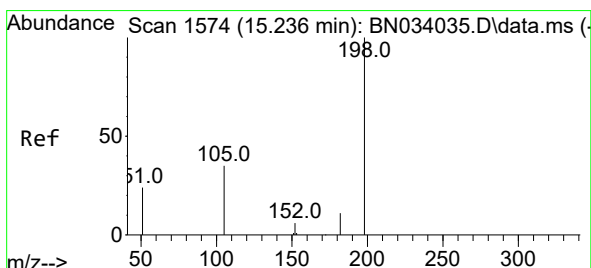
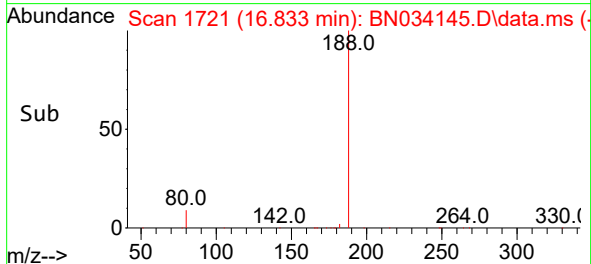
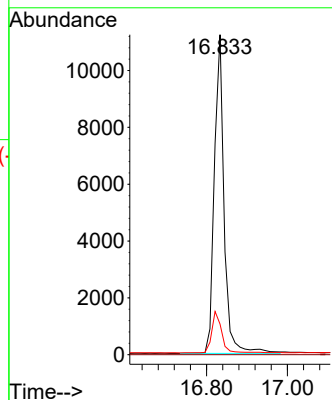
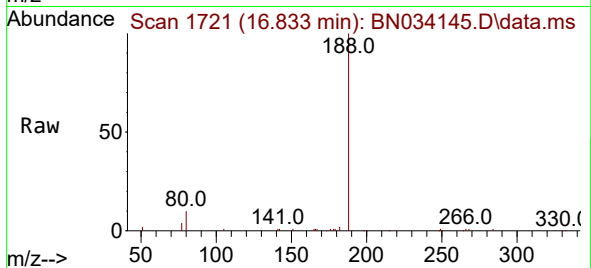
Tgt Ion:188 Resp: 18798

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.6 7.4 11.0



#20

4,6-Dinitro-2-methylphenol

Concen: 0.138 ng

RT: 15.238 min Scan# 1589

Delta R.T. 0.002 min

Lab File: BN034145.D

Acq: 22 Sep 2024 04:11

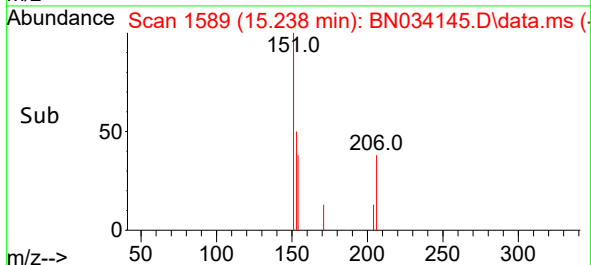
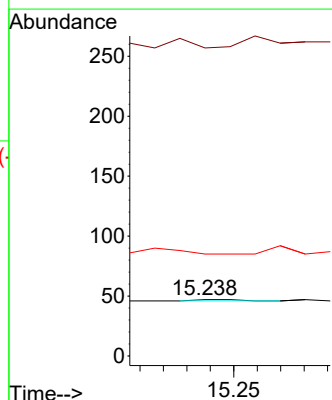
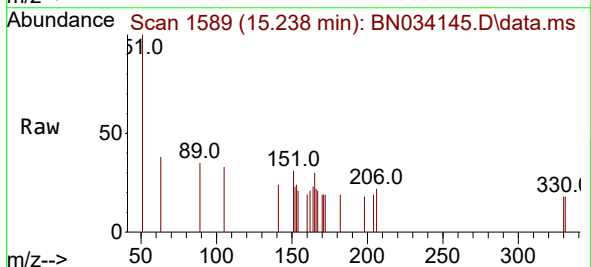
Tgt Ion:198 Resp: 1

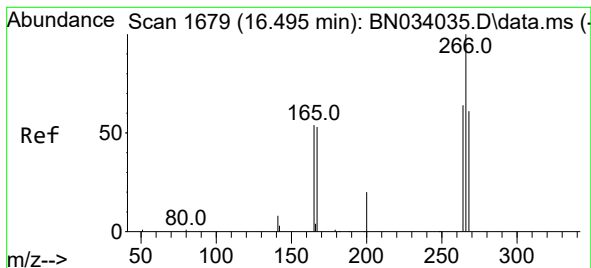
Ion Ratio Lower Upper

198 100

51 546.8 106.4 159.6#

105 180.9 38.5 57.7#





#24

Pentachlorophenol

Concen: 0.061 ng

RT: 16.498 min Scan# 1

Delta R.T. 0.003 min

Lab File: BN034145.D

Acq: 22 Sep 2024 04:11

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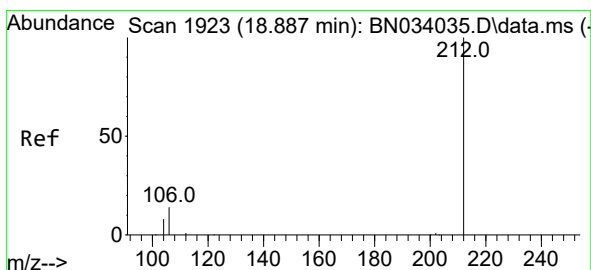
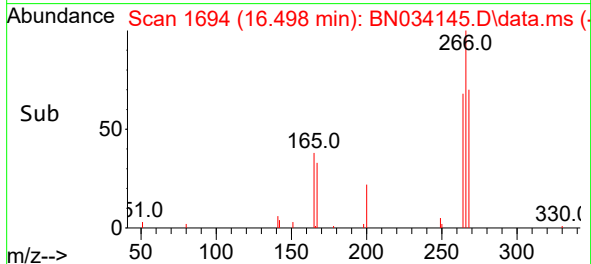
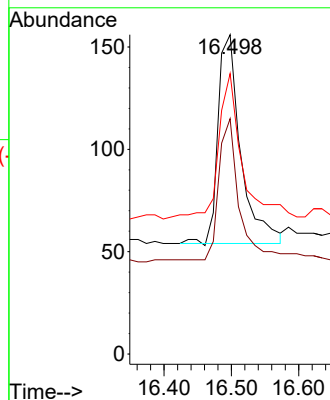
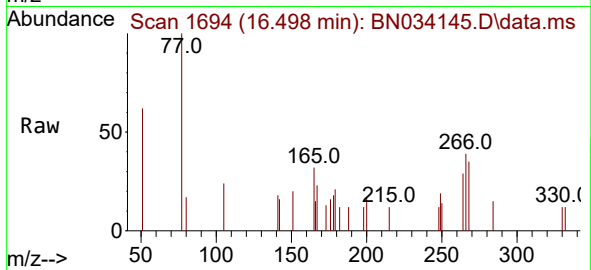
Tgt Ion:266 Resp: 240

Ion Ratio Lower Upper

266 100

264 59.2 50.2 75.2

268 66.3 51.0 76.4



#27

Fluoranthene-d10

Concen: 0.395 ng

RT: 18.876 min Scan# 1935

Delta R.T. -0.011 min

Lab File: BN034145.D

Acq: 22 Sep 2024 04:11

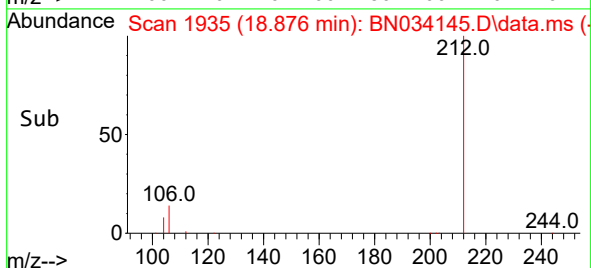
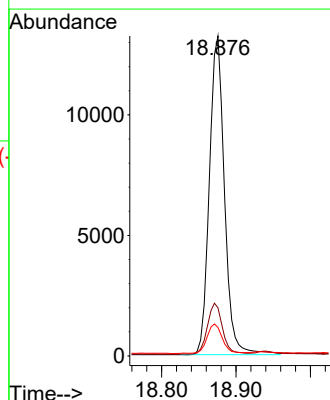
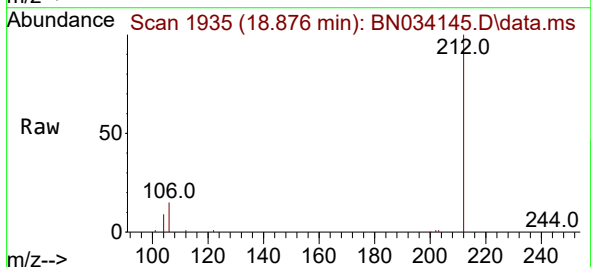
Tgt Ion:212 Resp: 18748

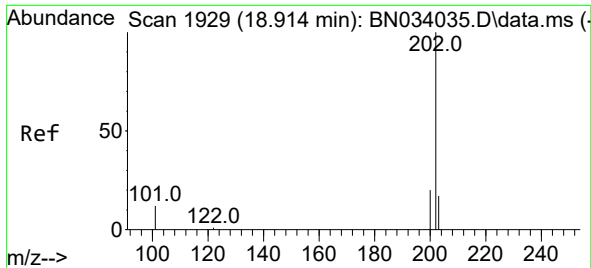
Ion Ratio Lower Upper

212 100

106 15.9 13.4 20.2

104 9.4 7.8 11.6

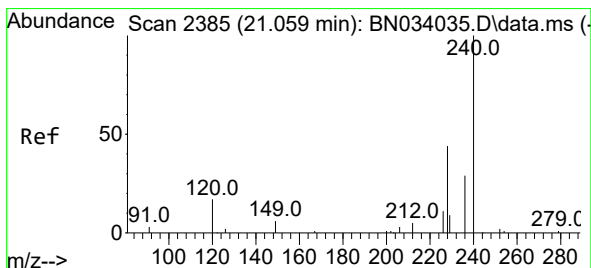
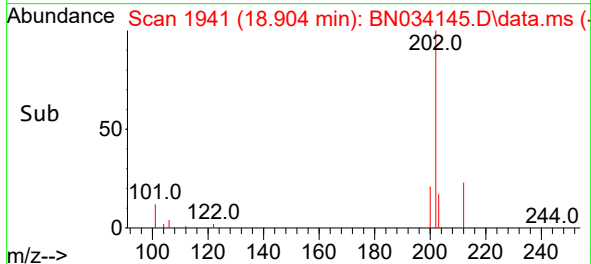
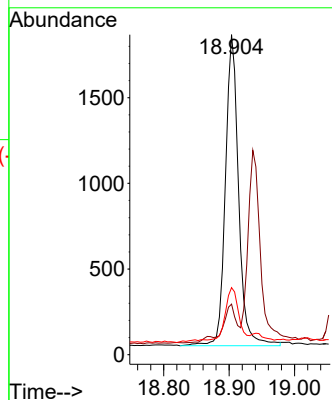
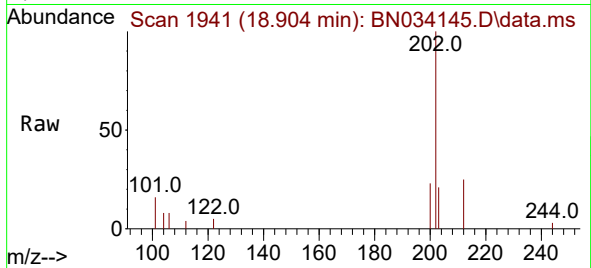




#28
Fluoranthene
Concen: 0.041 ng
RT: 18.904 min Scan# 1941
Delta R.T. -0.011 min
Lab File: BN034145.D
Acq: 22 Sep 2024 04:11

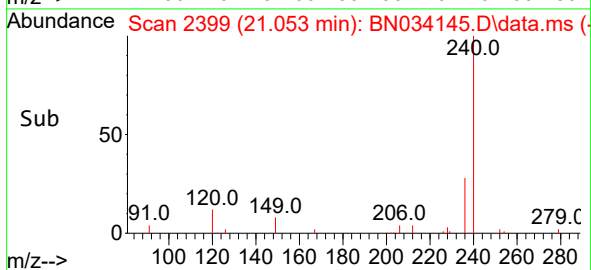
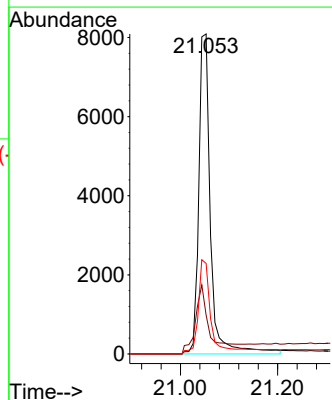
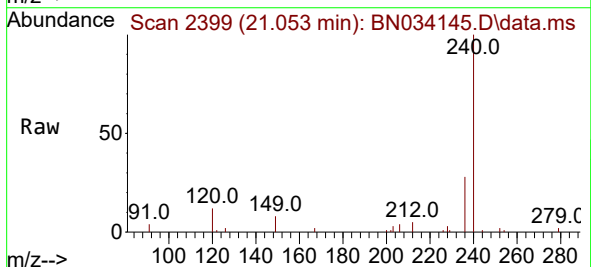
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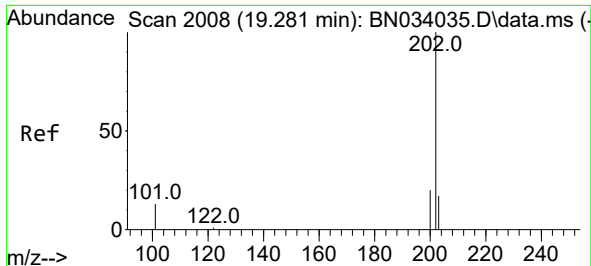
Tgt Ion:202 Resp: 2550
Ion Ratio Lower Upper
202 100
101 10.2 10.1 15.1
203 17.9 13.6 20.4



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.053 min Scan# 2399
Delta R.T. -0.006 min
Lab File: BN034145.D
Acq: 22 Sep 2024 04:11

Tgt Ion:240 Resp: 12981
Ion Ratio Lower Upper
240 100
120 12.1 13.5 20.3#
236 28.3 23.4 35.0

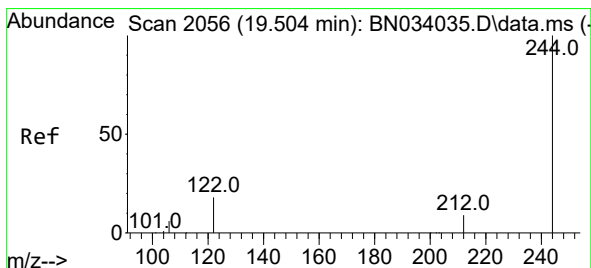
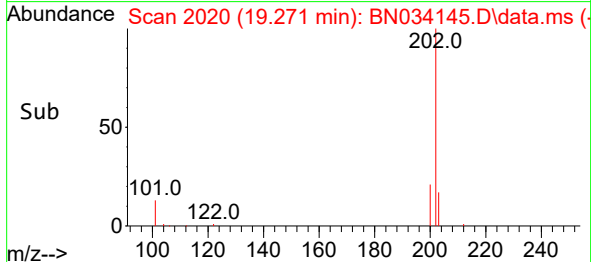
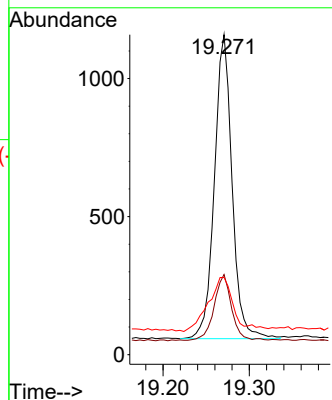
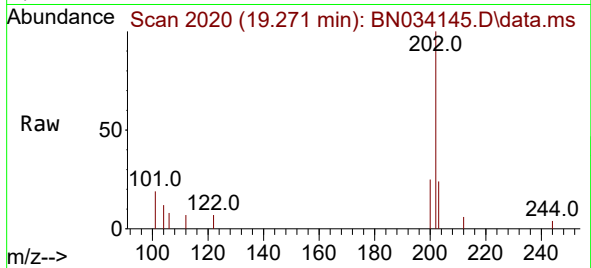




#30
Pyrene
Concen: 0.029 ng
RT: 19.271 min Scan# 20
Delta R.T. -0.011 min
Lab File: BN034145.D
Acq: 22 Sep 2024 04:11

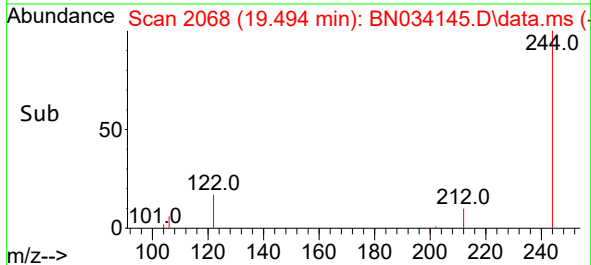
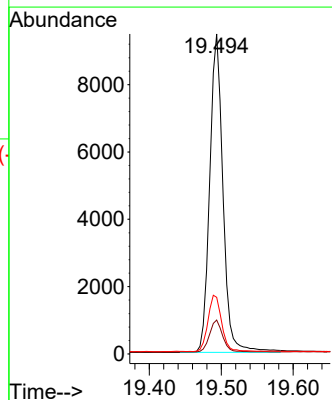
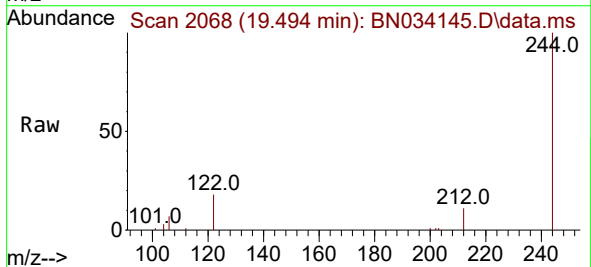
Instrument :
BNA_N
ClientSampleId :
RW7-SP302-20240918

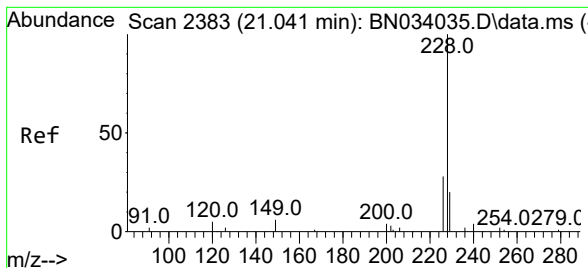
Tgt Ion:202 Resp: 1571
Ion Ratio Lower Upper
202 100
200 21.2 16.6 25.0
203 25.6 14.3 21.5#



#31
Terphenyl-d14
Concen: 0.466 ng
RT: 19.494 min Scan# 2068
Delta R.T. -0.011 min
Lab File: BN034145.D
Acq: 22 Sep 2024 04:11

Tgt Ion:244 Resp: 12080
Ion Ratio Lower Upper
244 100
212 10.6 7.8 11.6
122 17.7 14.8 22.2





#32

Benzo(a)anthracene

Concen: 0.020 ng

RT: 21.035 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN034145.D

Acq: 22 Sep 2024 04:11

Instrument :

BNA_N

ClientSampleId :

RW7-SP302-20240918

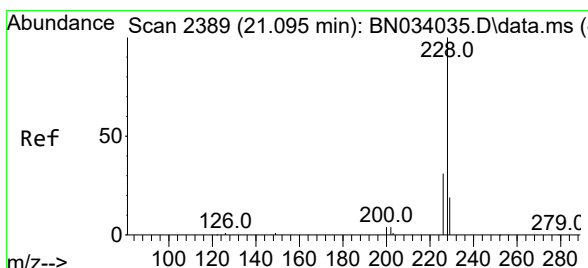
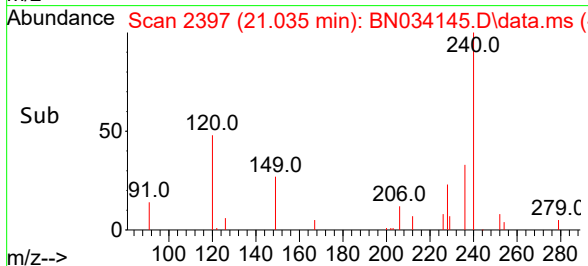
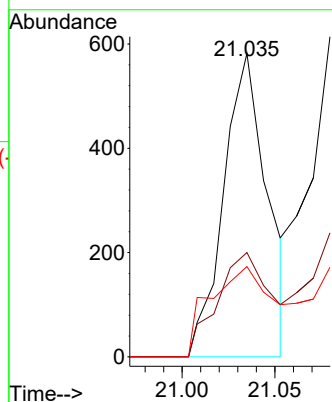
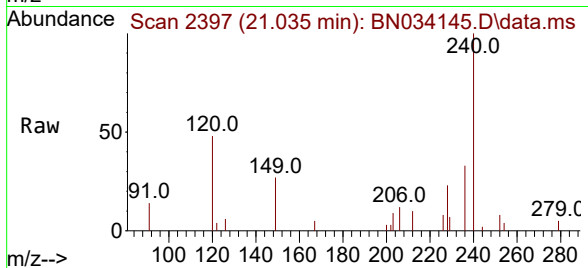
Tgt Ion:228 Resp: 833

Ion Ratio Lower Upper

228 100

226 34.4 22.3 33.5#

229 29.7 15.7 23.5#



#33

Chrysene

Concen: 0.023 ng

RT: 21.080 min Scan# 2402

Delta R.T. -0.015 min

Lab File: BN034145.D

Acq: 22 Sep 2024 04:11

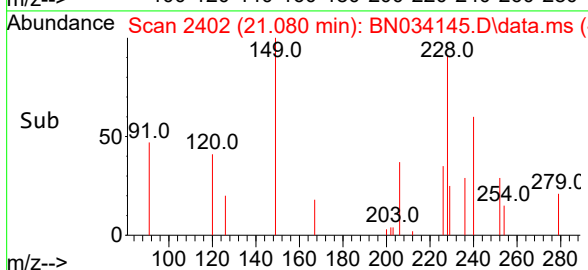
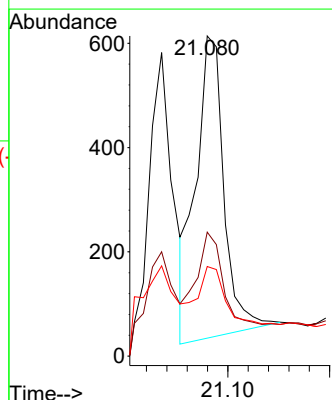
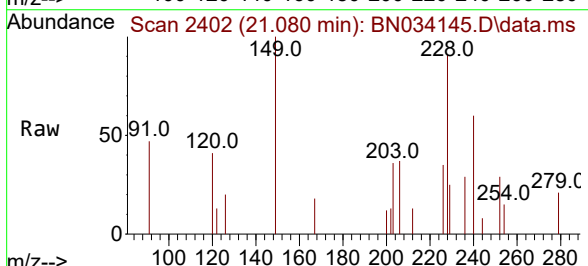
Tgt Ion:228 Resp: 1111

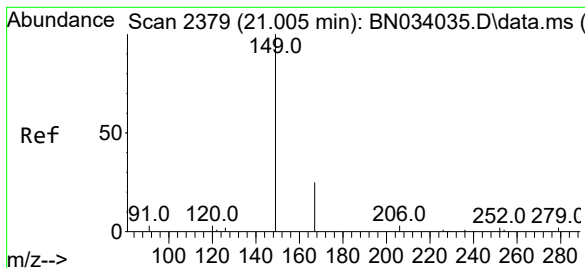
Ion Ratio Lower Upper

228 100

226 38.8 24.6 37.0#

229 28.0 15.5 23.3#

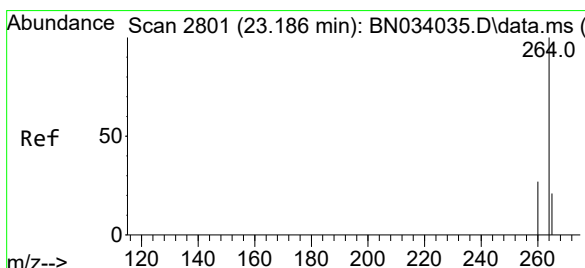
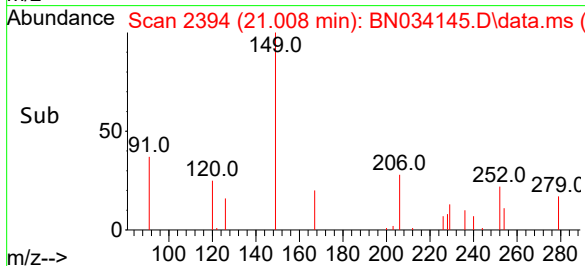
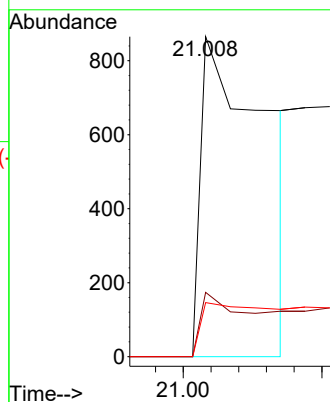
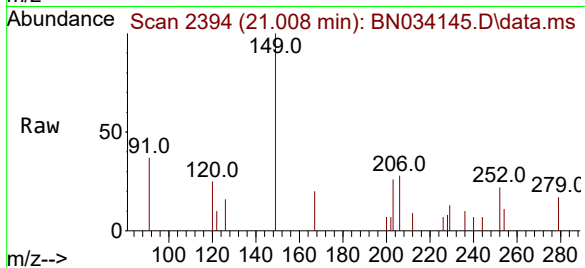




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.073 ng
 RT: 21.008 min Scan# 2111
 Delta R.T. 0.003 min
 Lab File: BN034145.D
 Acq: 22 Sep 2024 04:11

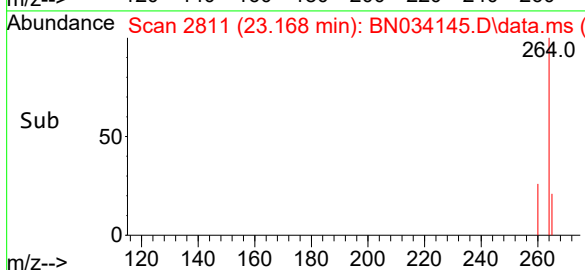
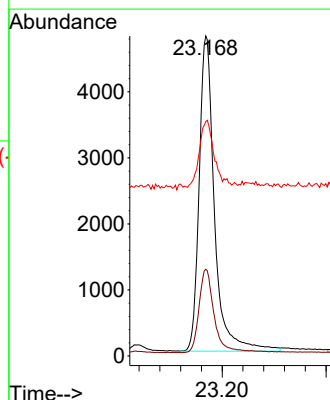
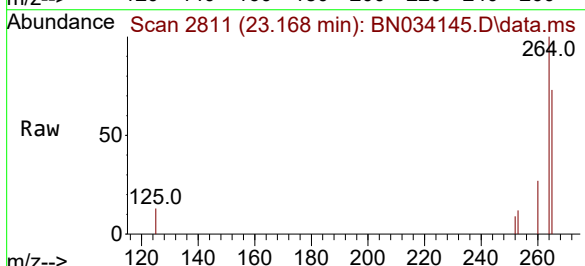
Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP302-20240918

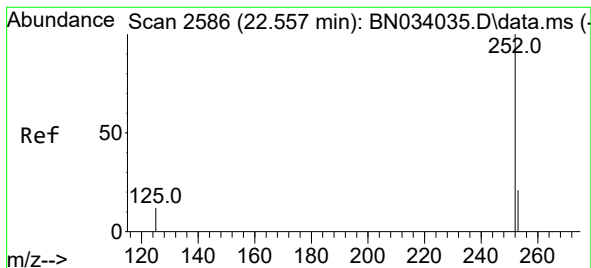
Tgt Ion:149 Resp: 1243
 Ion Ratio Lower Upper
 149 100
 167 13.5 19.9 29.9#
 279 18.9 4.6 6.8#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.168 min Scan# 2811
 Delta R.T. -0.018 min
 Lab File: BN034145.D
 Acq: 22 Sep 2024 04:11

Tgt Ion:264 Resp: 9751
 Ion Ratio Lower Upper
 264 100
 260 27.1 21.7 32.5
 265 73.3 52.1 78.1





#37

Benzo(b)fluoranthene

Concen: 0.022 ng

RT: 22.546 min Scan# 2598

Delta R.T. -0.012 min

Lab File: BN034145.D

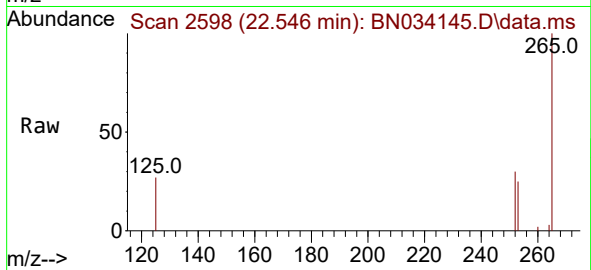
Acq: 22 Sep 2024 04:11

Instrument :

BNA_N

ClientSampleId :

RW7-SP302-20240918



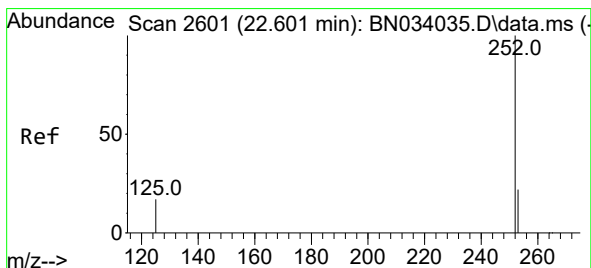
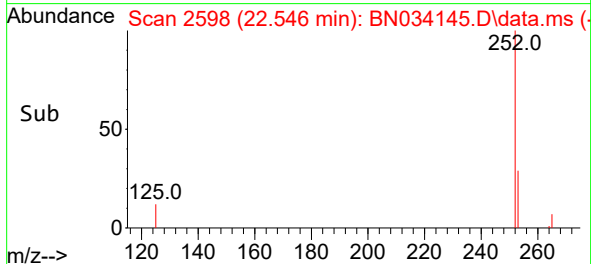
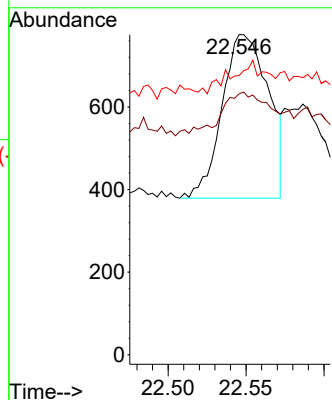
Tgt Ion:252 Resp: 825

Ion Ratio Lower Upper

252 100

253 81.5 19.6 29.4#

125 87.2 13.8 20.8#



#38

Benzo(k)fluoranthene

Concen: 0.021 ng

RT: 22.546 min Scan# 2598

Delta R.T. -0.056 min

Lab File: BN034145.D

Acq: 22 Sep 2024 04:11

Tgt Ion:252 Resp: 825

Ion Ratio Lower Upper

252 100

253 81.5 20.1 30.1#

125 87.2 16.8 25.2#

