

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 00:48:27 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)

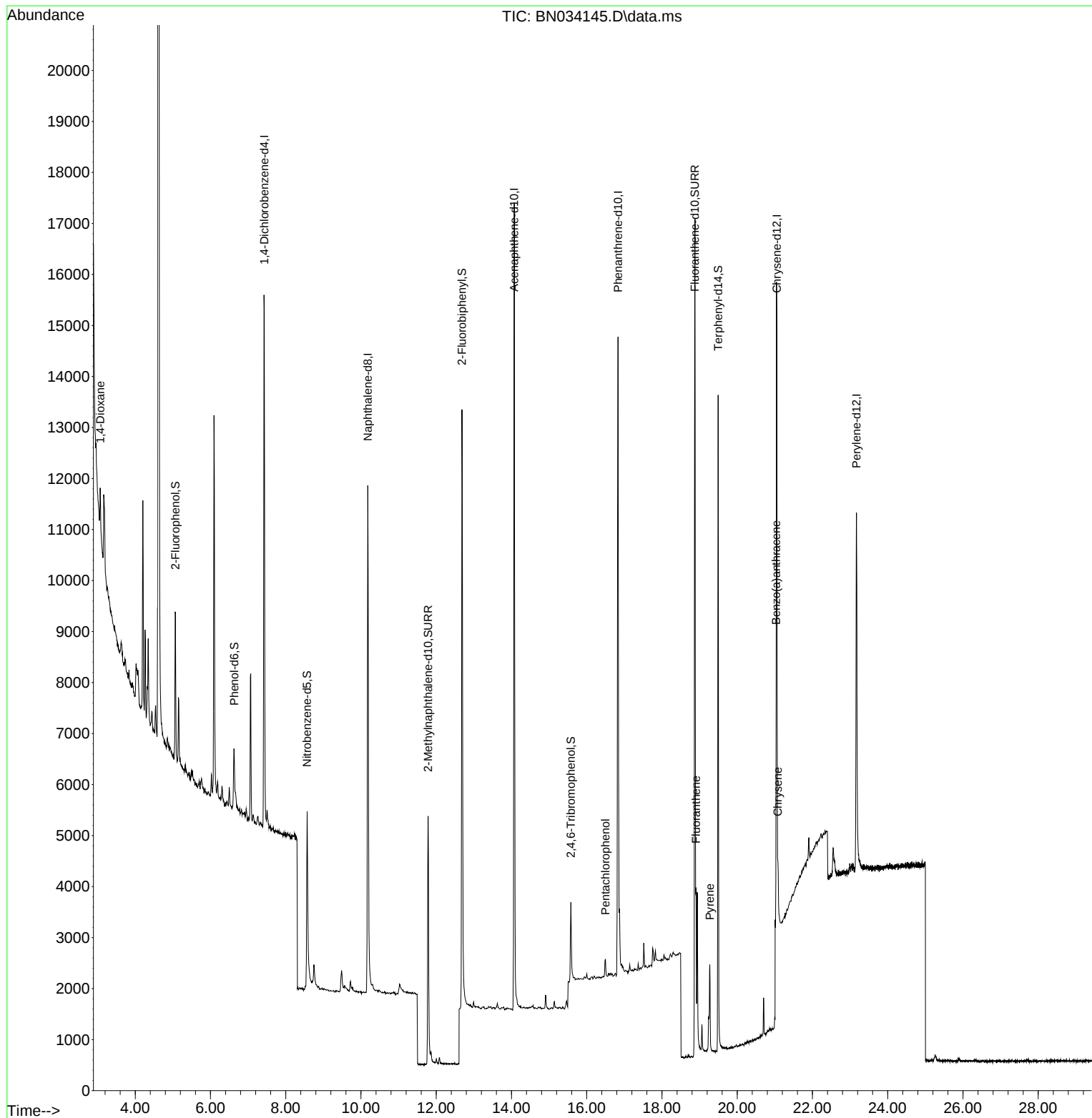
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.430	152	5323	0.400	ng	0.00
7) Naphthalene-d8	10.180	136	14781	0.400	ng	#-0.02
13) Acenaphthene-d10	14.072	164	8810	0.400	ng	0.00
19) Phenanthrene-d10	16.833	188	18798	0.400	ng	0.00
29) Chrysene-d12	21.053	240	12981	0.400	ng	# 0.00
35) Perylene-d12	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
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

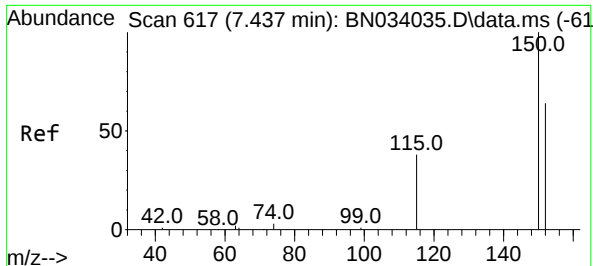
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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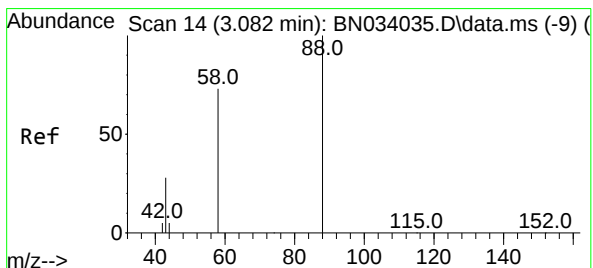
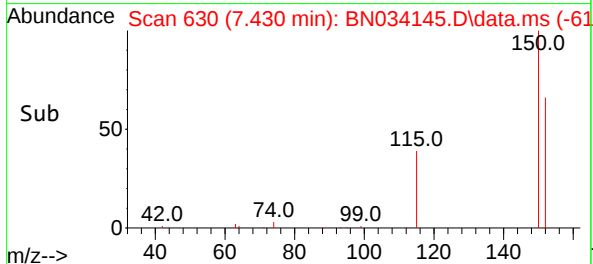
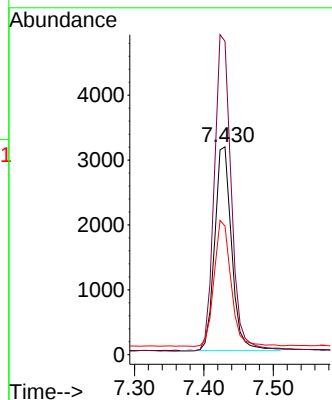
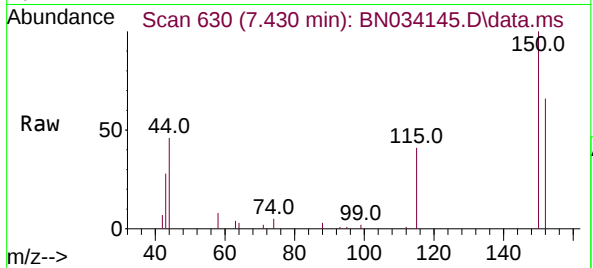




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.430 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN034145.D
 Acq: 22 Sep 2024 04:11

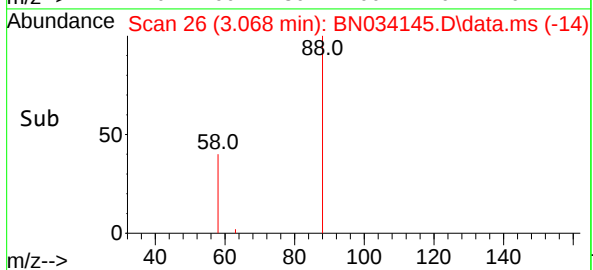
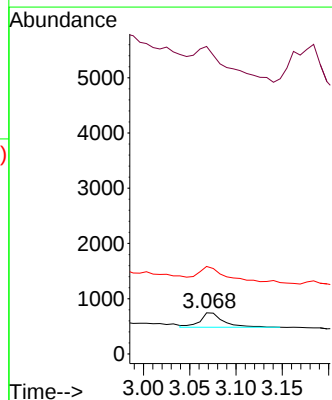
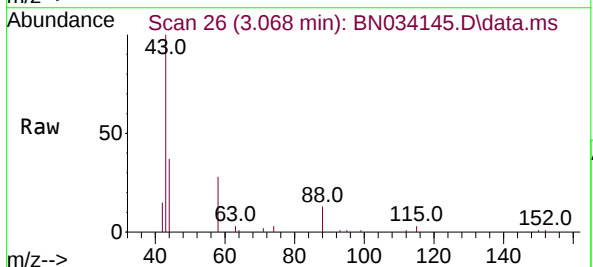
Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP302-20240918

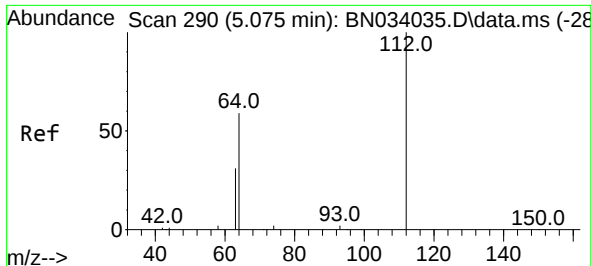
Tgt Ion:152 Resp: 5323
 Ion Ratio Lower Upper
 152 100
 150 150.8 124.6 187.0
 115 61.9 50.0 75.0



#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#

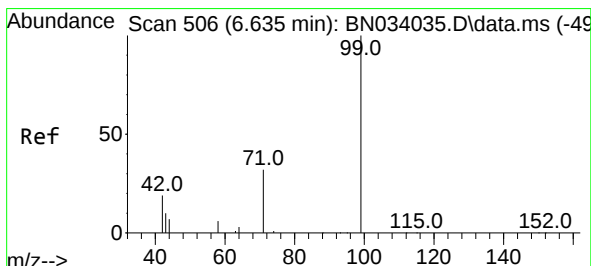
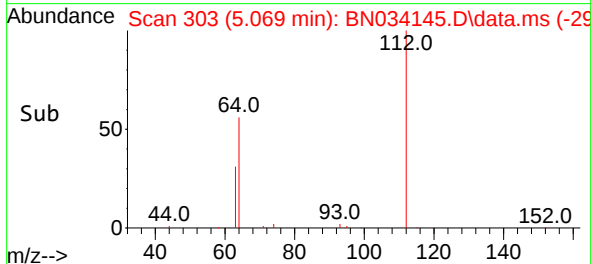
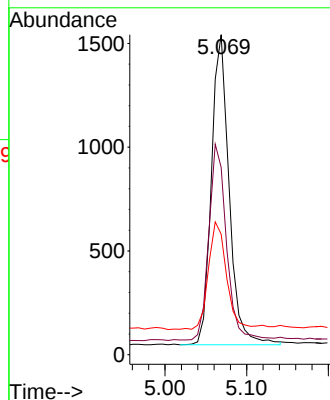
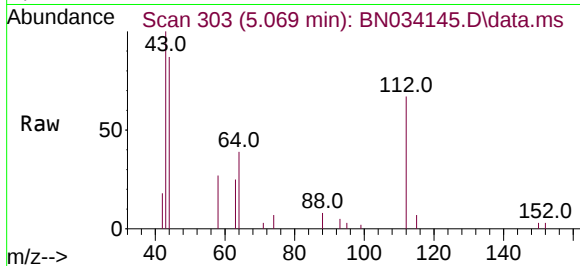




#4
2-Fluorophenol
Concen: 0.149 ng
RT: 5.069 min Scan# 30
Delta R.T. -0.006 min
Lab File: BN034145.D
Acq: 22 Sep 2024 04:11

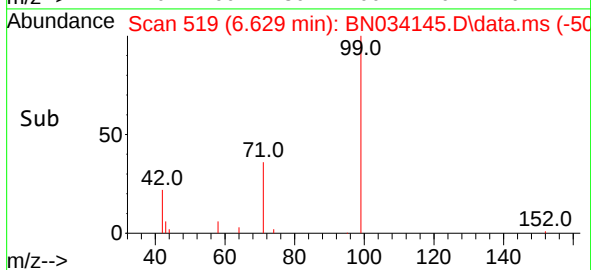
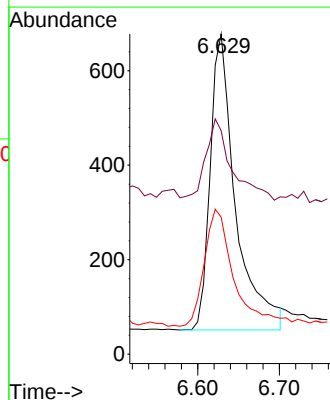
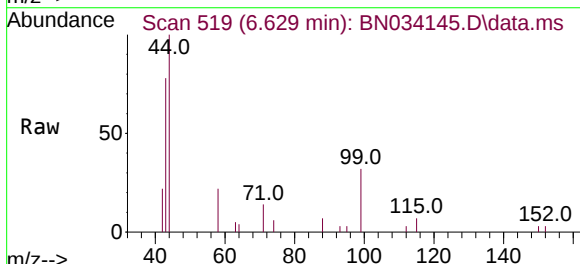
Instrument :
BNA_N
ClientSampleId :
RW7-SP302-20240918

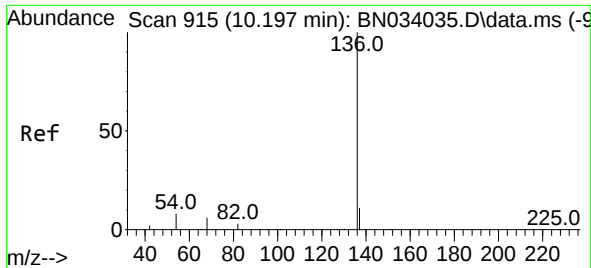
Tgt Ion:112 Resp: 2254
Ion Ratio Lower Upper
112 100
64 63.6 48.6 72.8
63 35.2 25.6 38.4



#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#

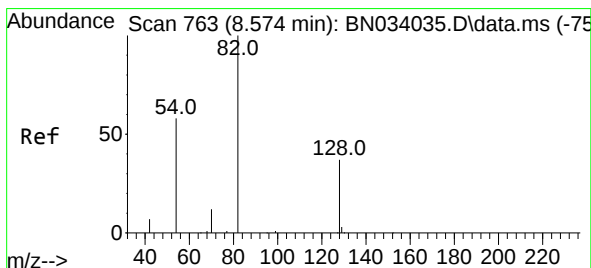
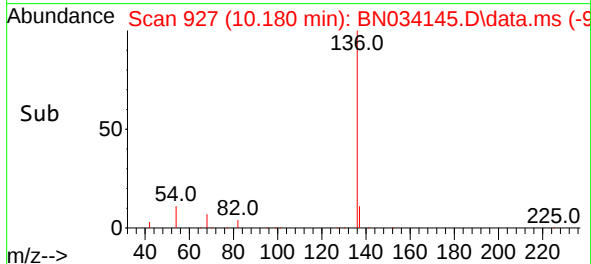
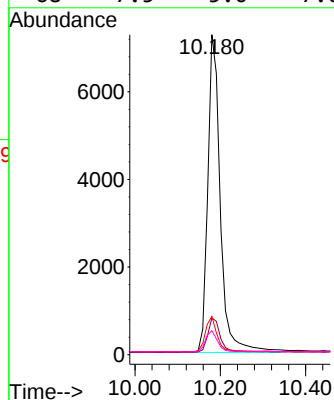
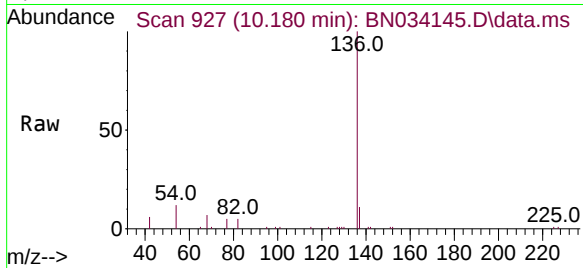




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.180 min Scan# 915
Delta R.T. -0.017 min
Lab File: BN034145.D
Acq: 22 Sep 2024 04:11

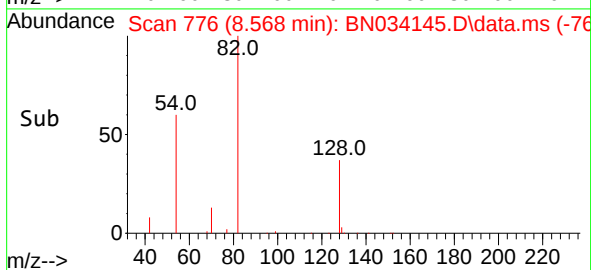
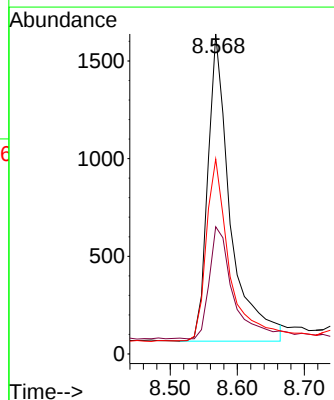
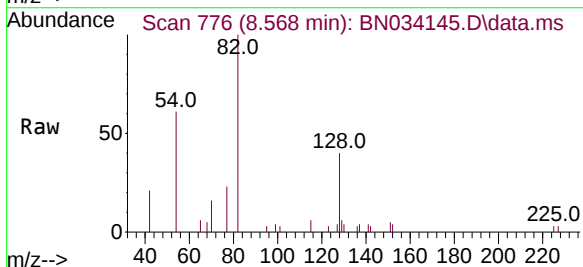
Instrument :
BNA_N
ClientSampleId :
RW7-SP302-20240918

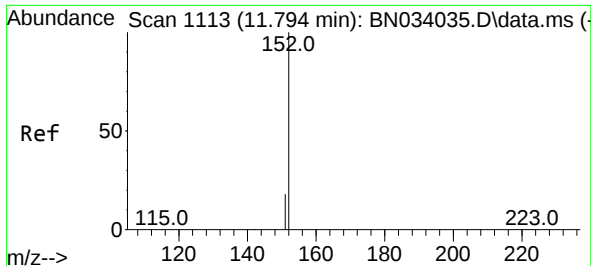
Tgt Ion:	136	Resp:	14781
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.6
54	12.0	6.8	10.2
68	7.5	5.0	7.6



#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 :

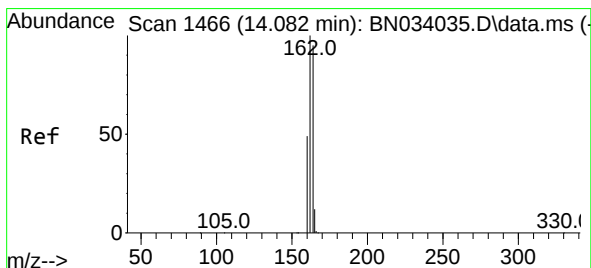
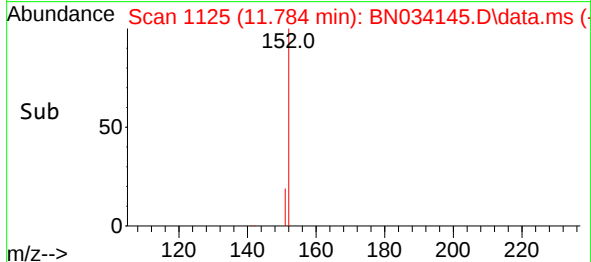
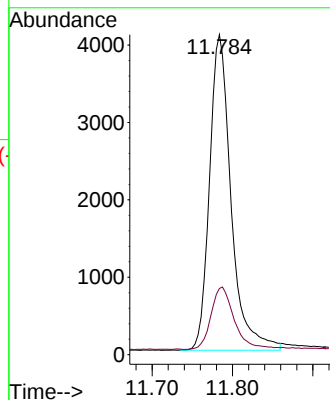
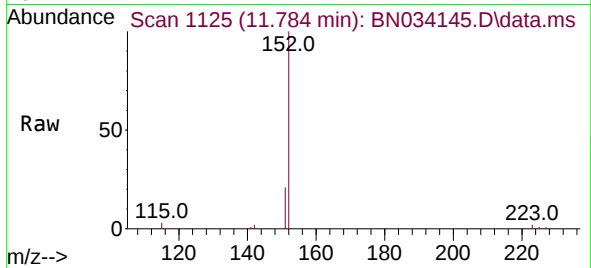
RW7-SP302-20240918

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

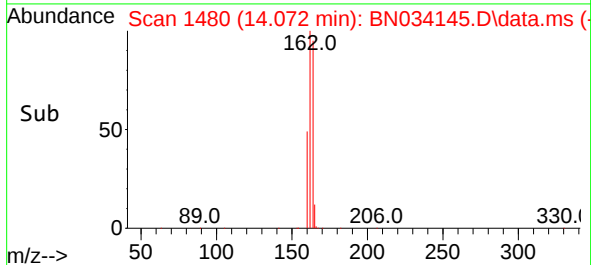
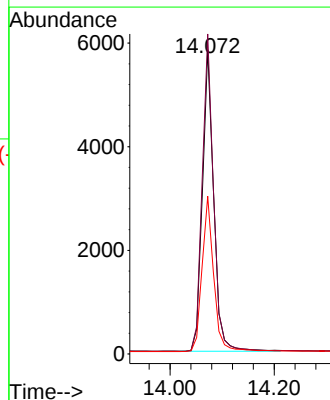
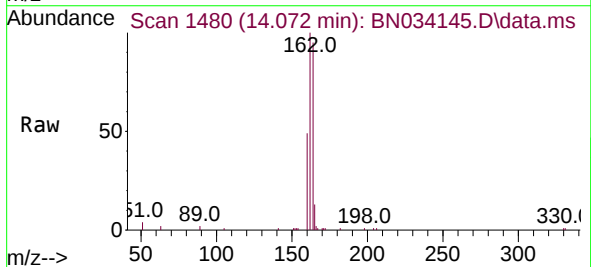
Tgt Ion:164 Resp: 8810

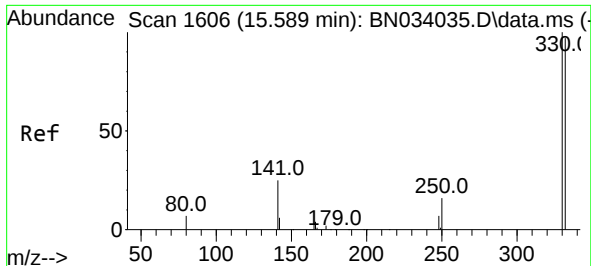
Ion Ratio Lower Upper

164 100

162 105.2 84.2 126.2

160 51.9 41.7 62.5

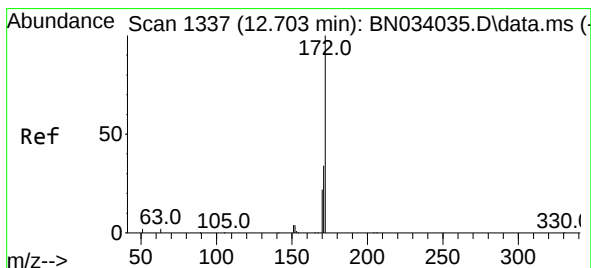
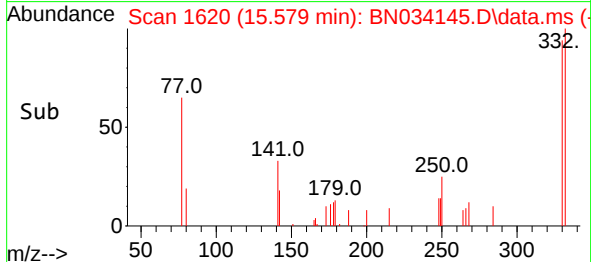
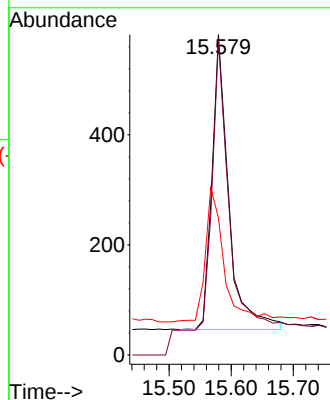
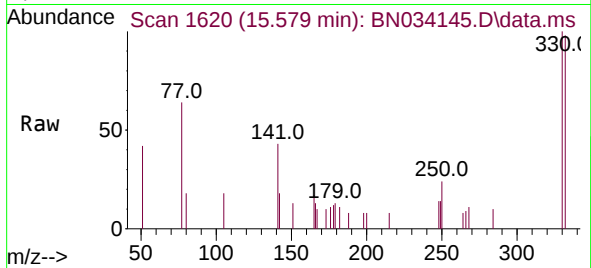




#14
2,4,6-Tribromophenol
Concen: 0.253 ng
RT: 15.579 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN034145.D
Acq: 22 Sep 2024 04:11

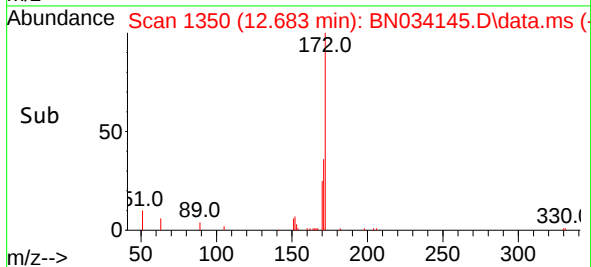
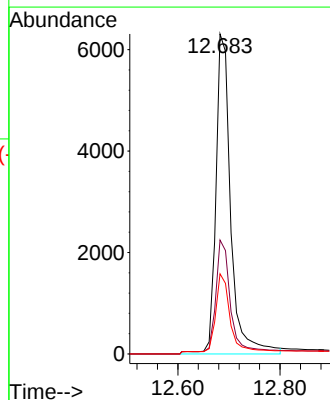
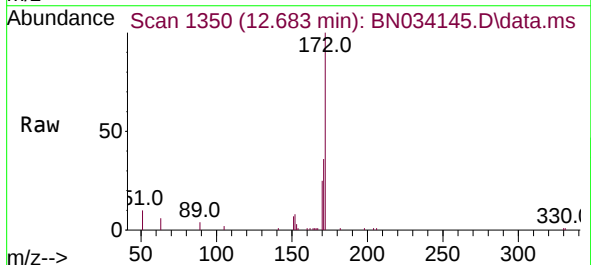
Instrument :
BNA_N
ClientSampleId :
RW7-SP302-20240918

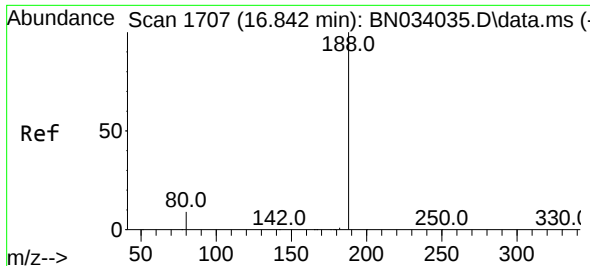
Tgt Ion:330 Resp: 1010
Ion Ratio Lower Upper
330 100
332 94.6 77.4 116.0
141 50.3 35.9 53.9



#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

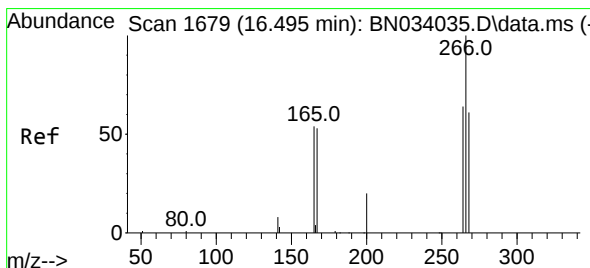
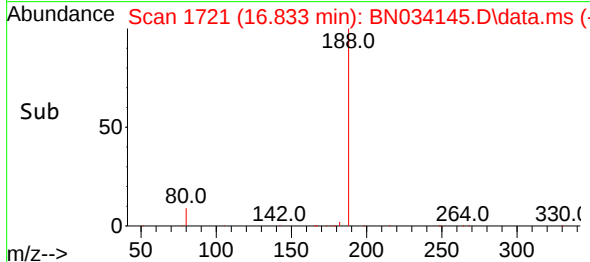
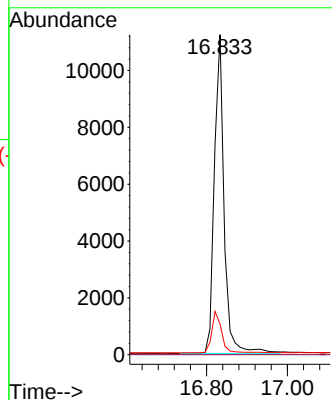
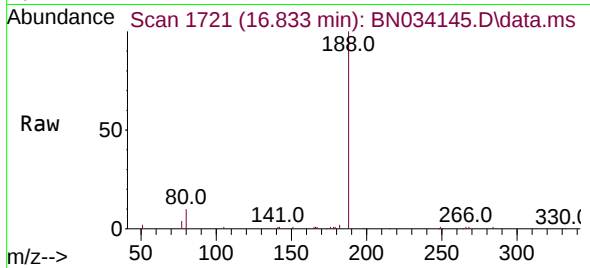




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.833 min Scan# 1721
Delta R.T. -0.009 min
Lab File: BN034145.D
Acq: 22 Sep 2024 04:11

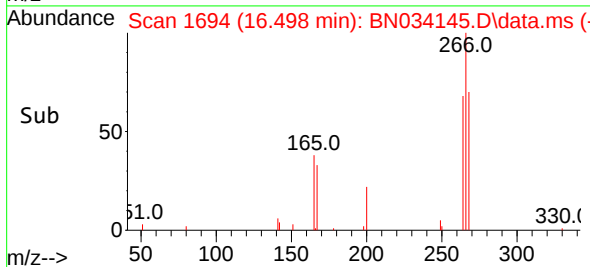
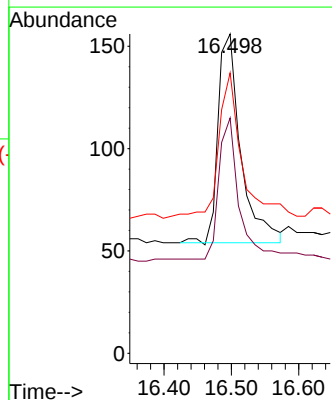
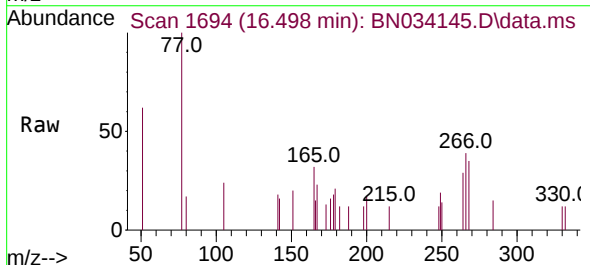
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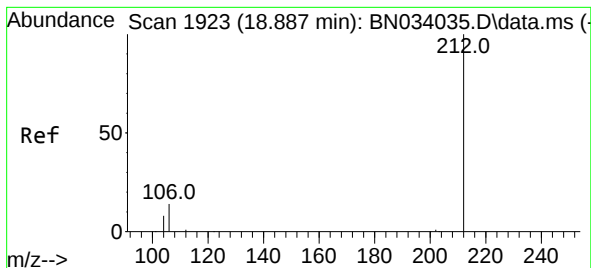
Tgt Ion:188 Resp: 18798
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.6 7.4 11.0



#24
Pentachlorophenol
Concen: 0.061 ng
RT: 16.498 min Scan# 1694
Delta R.T. 0.003 min
Lab File: BN034145.D
Acq: 22 Sep 2024 04:11

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

Instrument :

BNA_N

ClientSampleId :

RW7-SP302-20240918

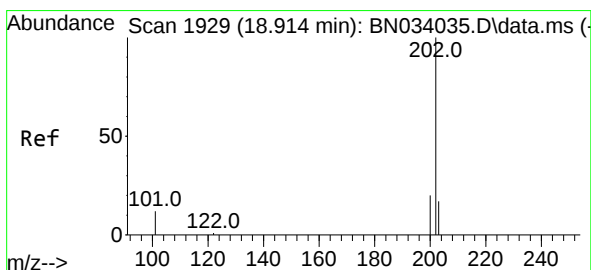
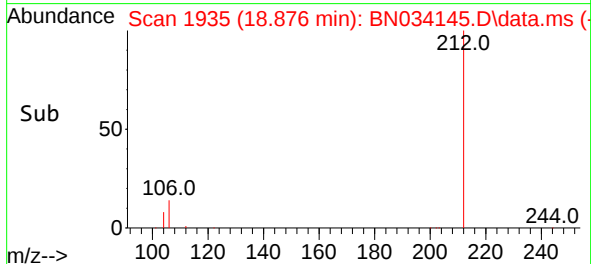
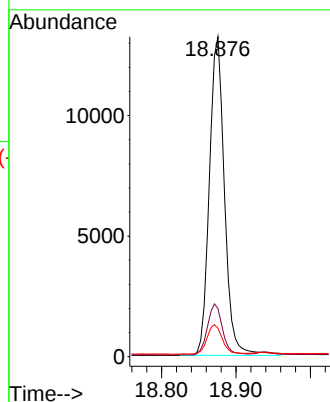
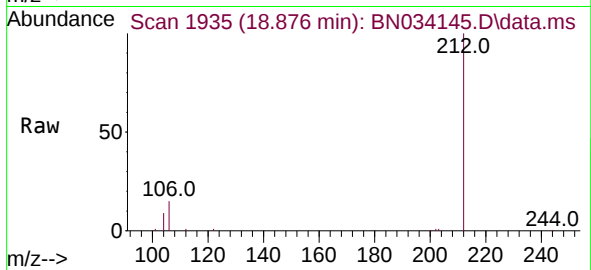
Tgt Ion:212 Resp: 18748

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

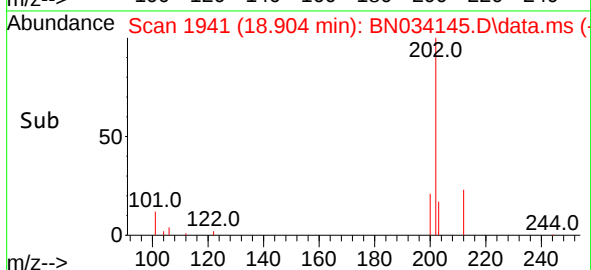
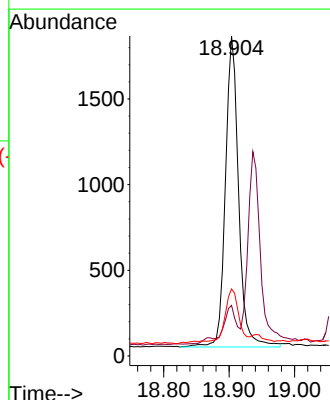
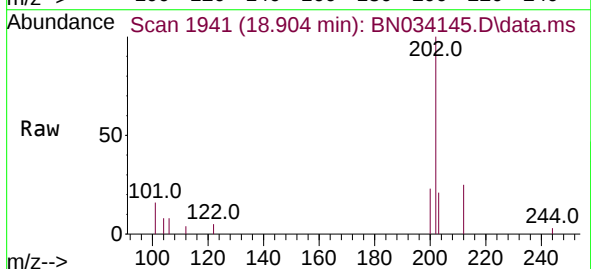
Tgt Ion:202 Resp: 2550

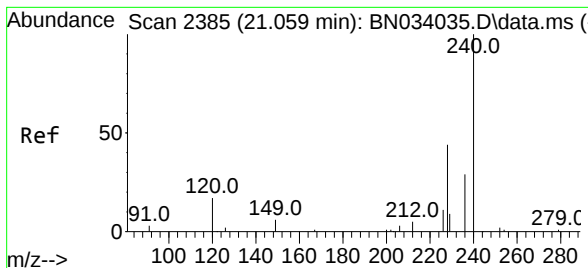
Ion Ratio Lower Upper

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# 21

Delta R.T. -0.006 min

Lab File: BN034145.D

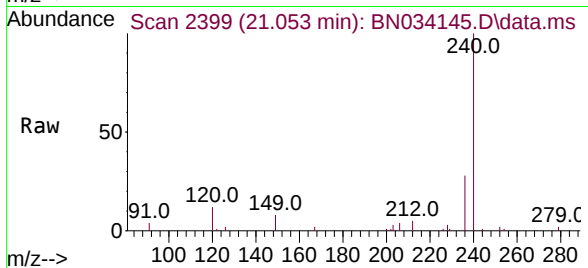
Acq: 22 Sep 2024 04:11

Instrument :

BNA_N

ClientSampleId :

RW7-SP302-20240918



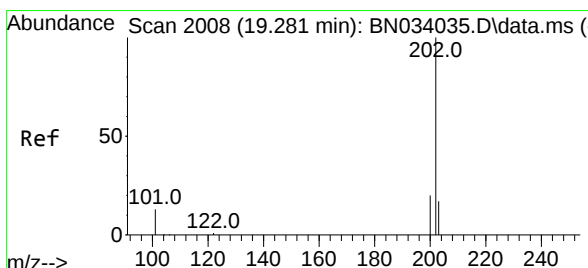
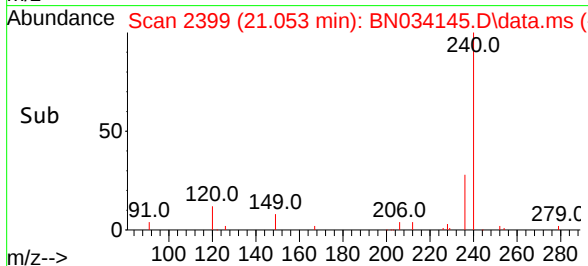
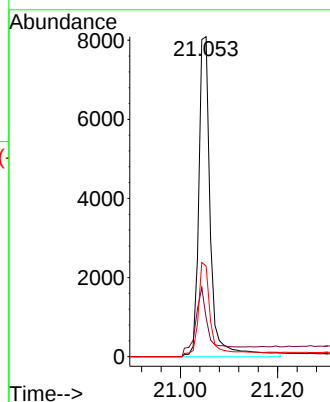
Tgt Ion:240 Resp: 12981

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# 2020

Delta R.T. -0.011 min

Lab File: BN034145.D

Acq: 22 Sep 2024 04:11

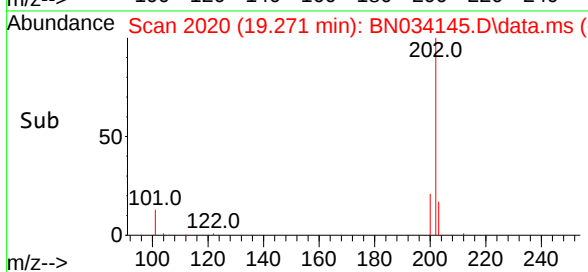
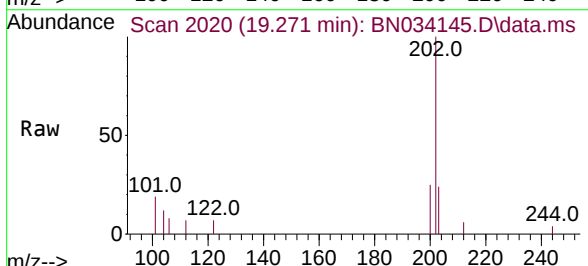
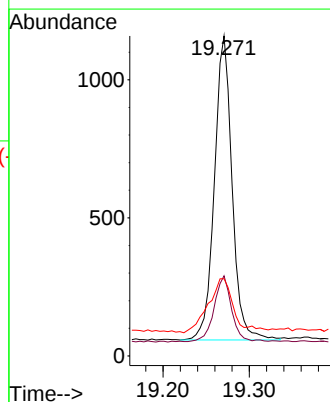
Tgt Ion:202 Resp: 1571

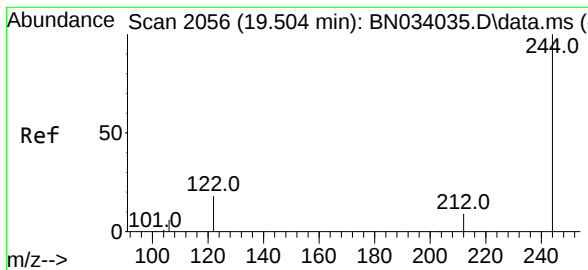
Ion Ratio Lower Upper

202 100

200 21.2 16.6 25.0

203 25.6 14.3 21.5#

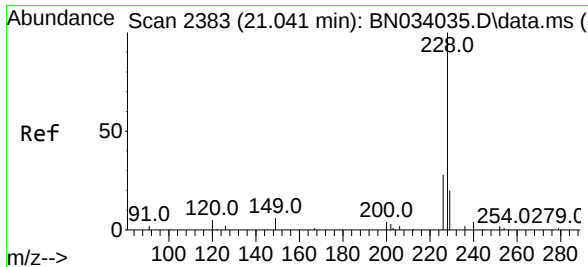
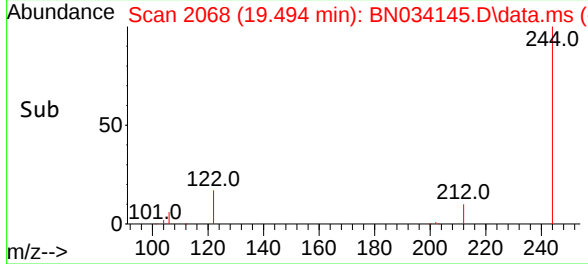
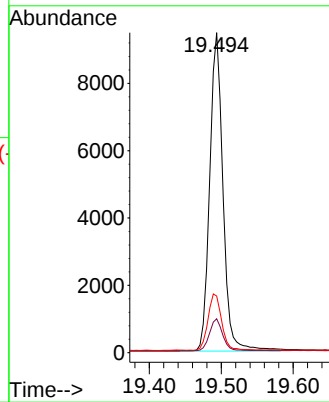
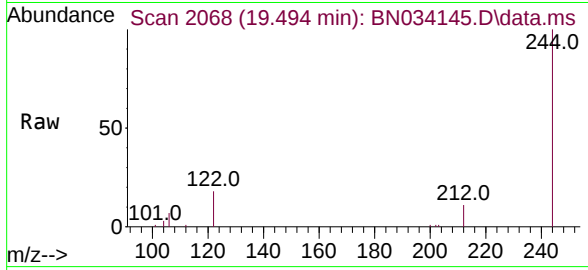




#31
 Terphenyl-d14
 Concen: 0.466 ng
 RT: 19.494 min Scan# 2056
 Delta R.T. -0.011 min
 Lab File: BN034145.D
 Acq: 22 Sep 2024 04:11

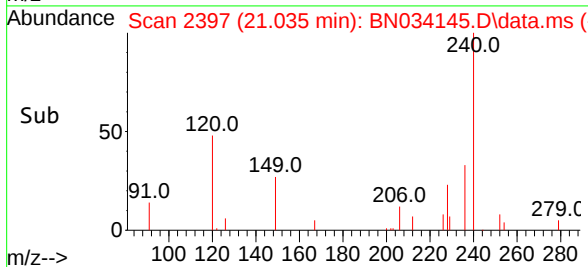
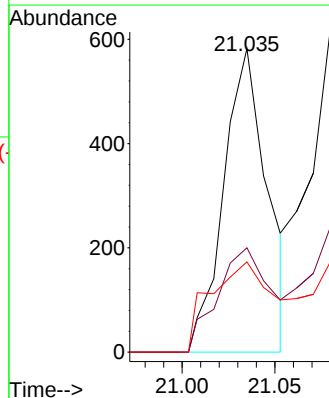
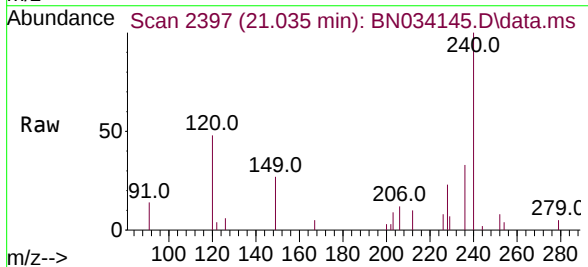
Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP302-20240918

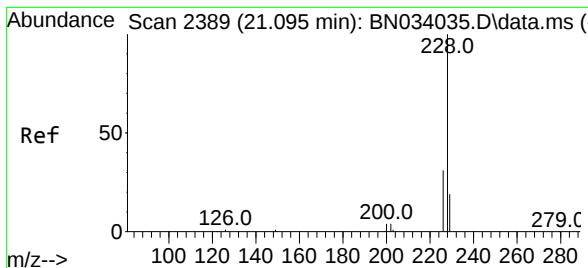
Tgt Ion:	244	Resp:	12080
Ion Ratio	Lower	Upper	
244	100		
212	10.6	7.8	11.6
122	17.7	14.8	22.2



#32
 Benzo(a)anthracene
 Concen: 0.020 ng
 RT: 21.035 min Scan# 2397
 Delta R.T. -0.006 min
 Lab File: BN034145.D
 Acq: 22 Sep 2024 04:11

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

Instrument :

BNA_N

ClientSampleId :

RW7-SP302-20240918

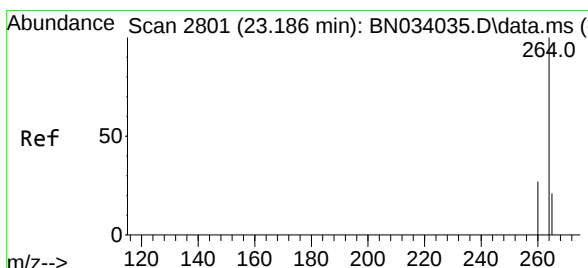
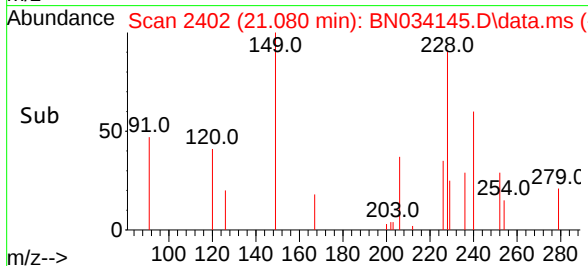
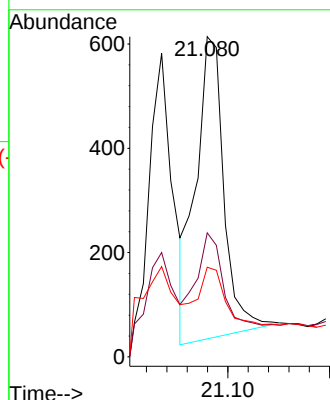
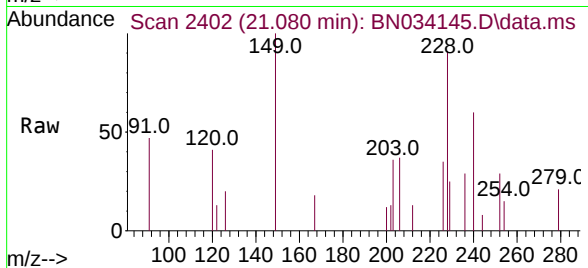
Tgt Ion:228 Resp: 1111

Ion Ratio Lower Upper

228 100

226 38.8 24.6 37.0#

229 28.0 15.5 23.3#



#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

