

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081924\
 Data File : BN033495.D
 Acq On : 20 Aug 2024 08:21
 Operator : MA/JU
 Sample : P3650-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-20240814

Quant Time: Aug 20 09:06:48 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)

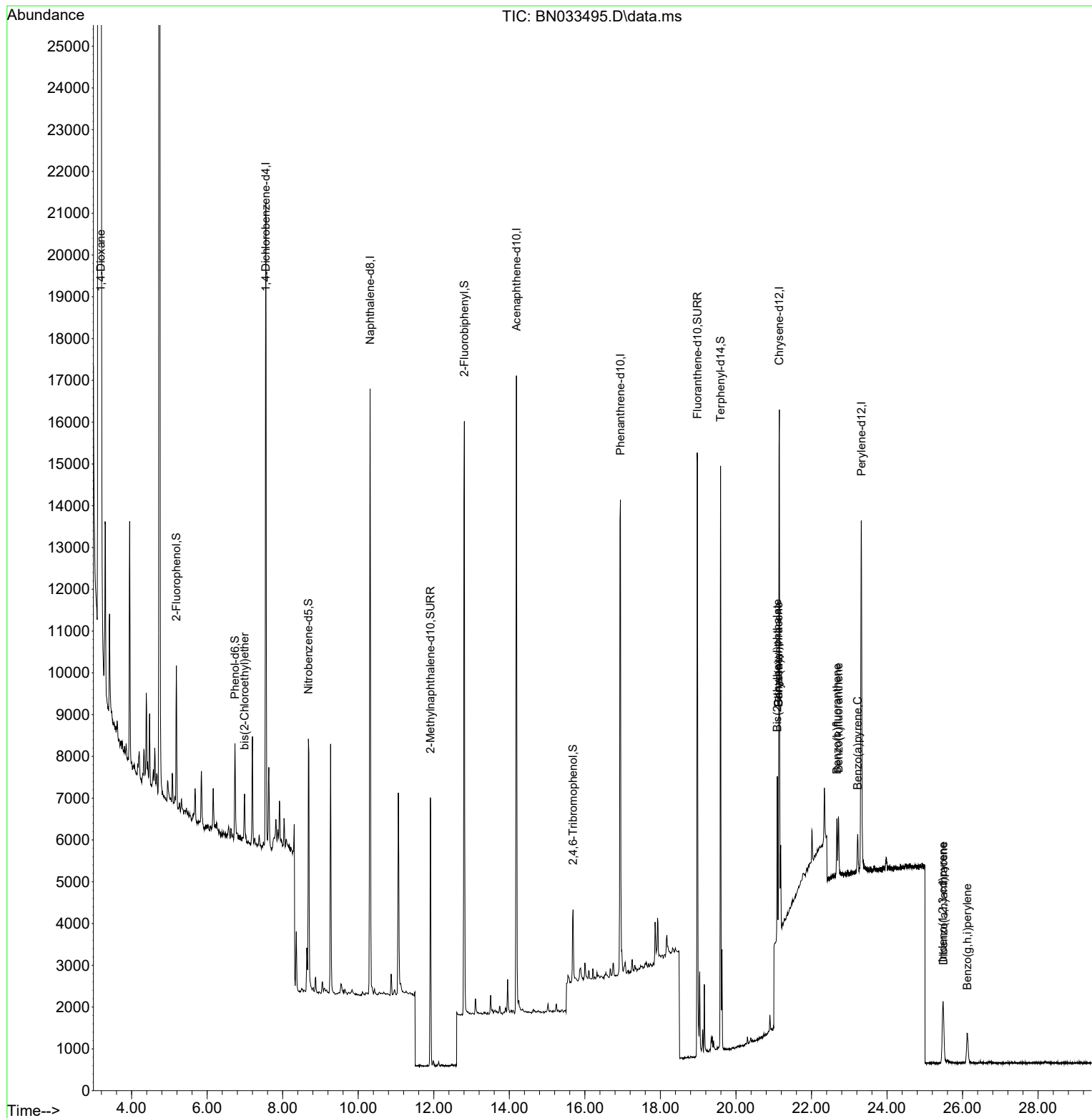
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	6912	0.400	ng	0.00
7) Naphthalene-d8	10.314	136	17753	0.400	ng	0.00
13) Acenaphthene-d10	14.189	164	8637	0.400	ng	0.00
19) Phenanthrene-d10	16.942	188	17500	0.400	ng	0.00
29) Chrysene-d12	21.148	240	11339	0.400	ng	# 0.00
35) Perylene-d12	23.318	264	10839	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	2451	0.112	ng	0.00
5) Phenol-d6	6.736	99	1777	0.068	ng	0.00
8) Nitrobenzene-d5	8.681	82	4872	0.331	ng	-0.01
11) 2-Methylnaphthalene-d10	11.911	152	8443	0.332	ng	0.00
14) 2,4,6-Tribromophenol	15.688	330	1144	0.246	ng	0.00
15) 2-Fluorobiphenyl	12.810	172	12625	0.358	ng	0.00
27) Fluoranthene-d10	18.980	212	16356	0.389	ng	0.00
31) Terphenyl-d14	19.593	244	12383	0.481	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.183	88	45200	5.683	ng	97
6) bis(2-Chloroethyl)ether	6.989	93	752	0.041	ng	96
32) Benzo(a)anthracene	21.130	228	1391	0.034	ng	93
33) Chrysene	21.130	228	1347	0.033	ng	96
34) Bis(2-ethylhexyl)phtha...	21.095	149	3900	0.150	ng	91
36) Indeno(1,2,3-cd)pyrene	25.475	276	1705	0.038	ng	97
37) Benzo(b)fluoranthene	22.671	252	1719	0.042	ng	# 23
38) Benzo(k)fluoranthene	22.715	252	1653	0.041	ng	# 30
39) Benzo(a)pyrene	23.221	252	1228	0.037	ng	# 4
40) Dibenzo(a,h)anthracene	25.493	278	1361	0.038	ng	# 46
41) Benzo(g,h,i)perylene	26.124	276	1410	0.037	ng	# 73

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

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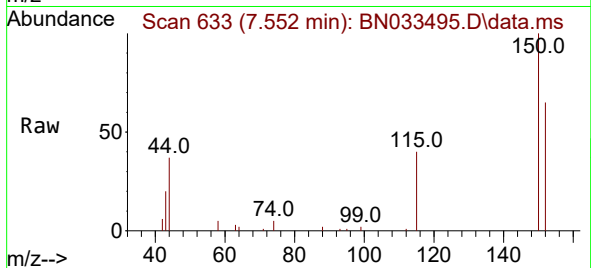
Quant Time: Aug 20 09:06:48 2024
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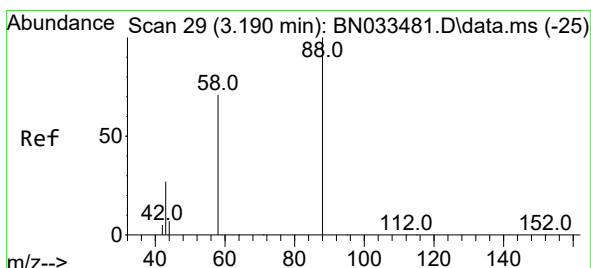
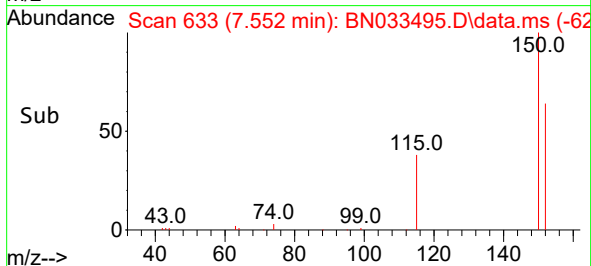
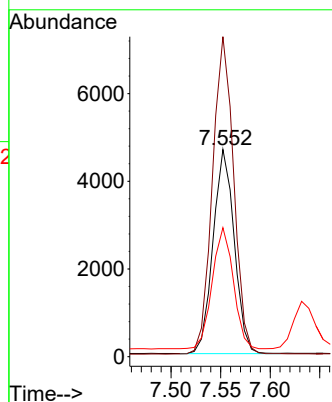


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.552 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN033495.D
 Acq: 20 Aug 2024 08:21

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-20240814

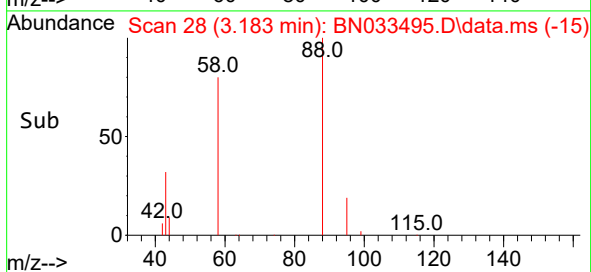
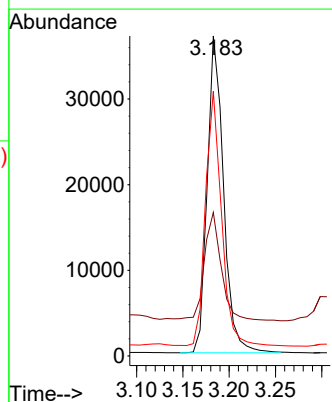
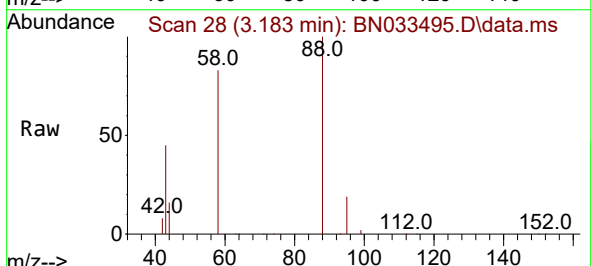


Tgt Ion:152 Resp: 6912
 Ion Ratio Lower Upper
 152 100
 150 154.4 122.2 183.2
 115 62.2 47.2 70.8



#2
 1,4-Dioxane
 Concen: 5.683 ng
 RT: 3.183 min Scan# 28
 Delta R.T. -0.007 min
 Lab File: BN033495.D
 Acq: 20 Aug 2024 08:21

Tgt Ion: 88 Resp: 45200
 Ion Ratio Lower Upper
 88 100
 43 35.9 25.0 37.4
 58 78.6 62.5 93.7

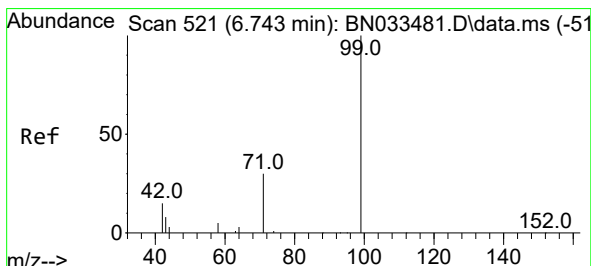
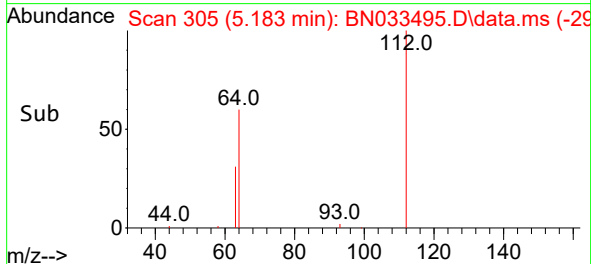
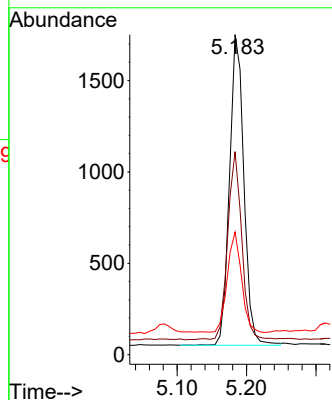
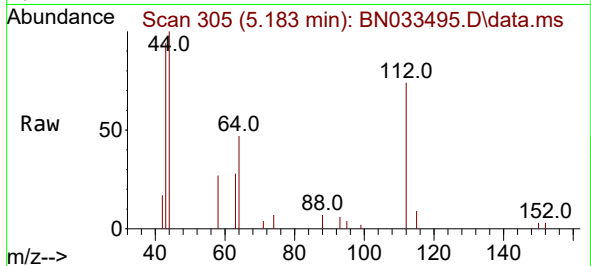




#4
2-Fluorophenol
Concen: 0.112 ng
RT: 5.183 min Scan# 306
Delta R.T. -0.007 min
Lab File: BN033495.D
Acq: 20 Aug 2024 08:21

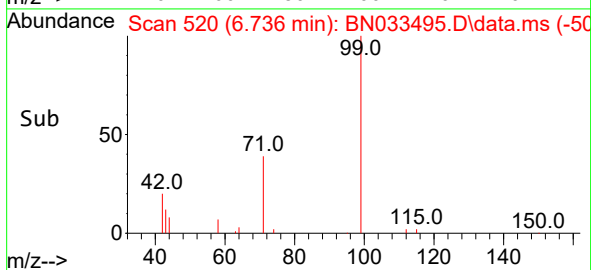
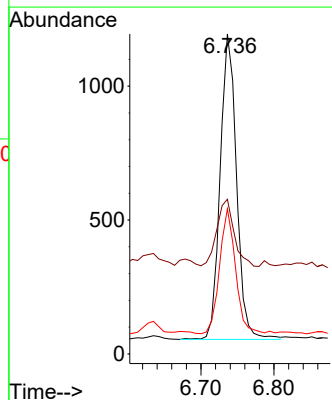
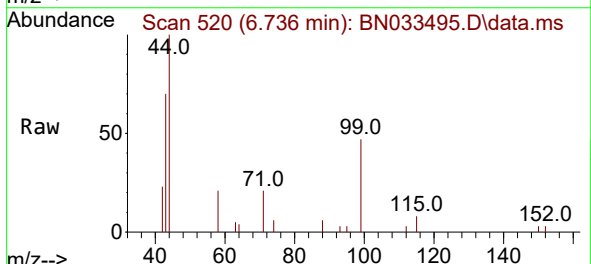
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20240814

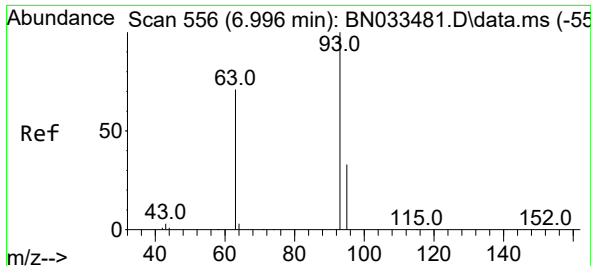
Tgt Ion:112 Resp: 2451
Ion Ratio Lower Upper
112 100
64 59.4 47.1 70.7
63 31.9 24.9 37.3



#5
Phenol-d6
Concen: 0.068 ng
RT: 6.736 min Scan# 520
Delta R.T. -0.007 min
Lab File: BN033495.D
Acq: 20 Aug 2024 08:21

Tgt Ion: 99 Resp: 1777
Ion Ratio Lower Upper
99 100
42 23.1 16.6 24.8
71 39.6 26.2 39.4#

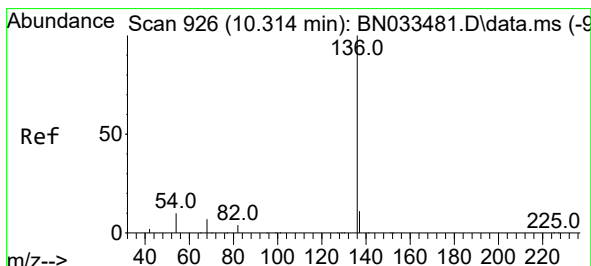
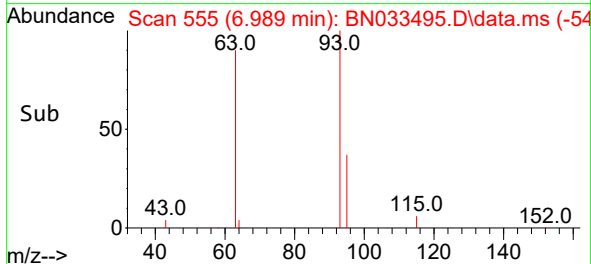
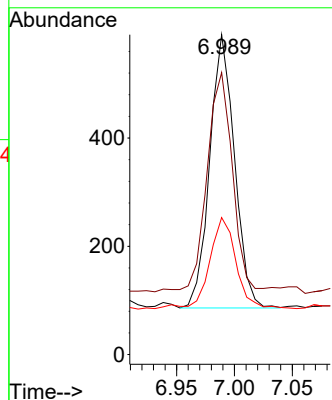
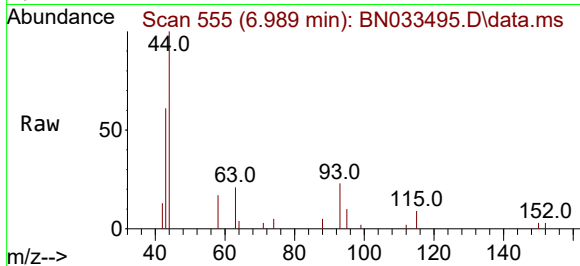




#6
bis(2-Chloroethyl)ether
Concen: 0.041 ng
RT: 6.989 min Scan# 556
Delta R.T. -0.007 min
Lab File: BN033495.D
Acq: 20 Aug 2024 08:21

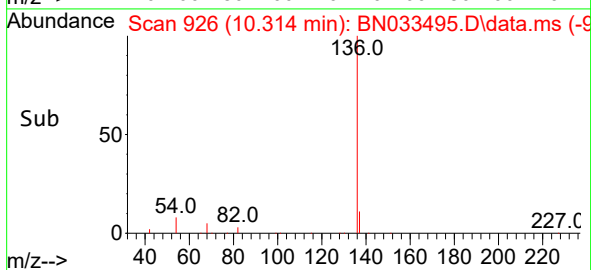
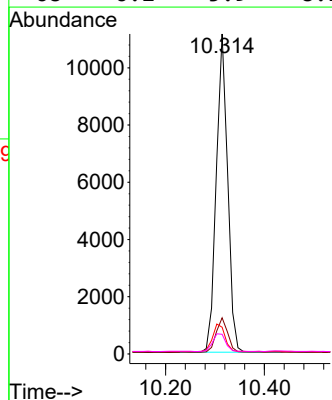
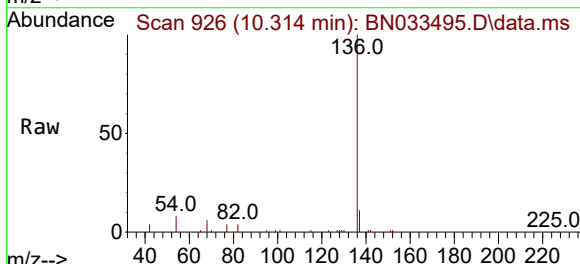
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20240814

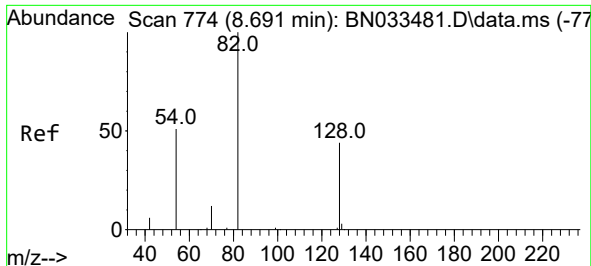
Tgt Ion:	93	Resp:	752
Ion	Ratio	Lower	Upper
93	100		
63	81.4	63.0	94.4
95	36.4	26.0	39.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.314 min Scan# 926
Delta R.T. 0.000 min
Lab File: BN033495.D
Acq: 20 Aug 2024 08:21

Tgt Ion:	136	Resp:	17753
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	8.3	8.3	12.5
68	6.2	5.9	8.9

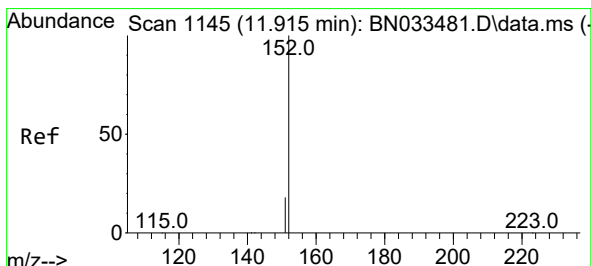
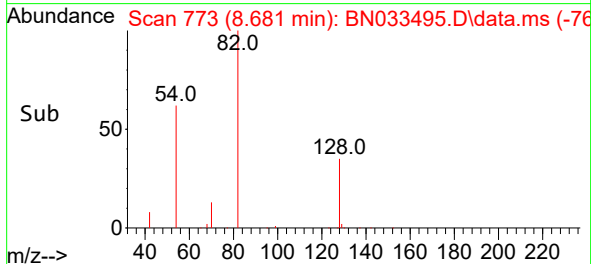
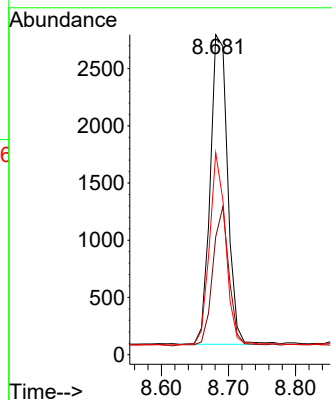
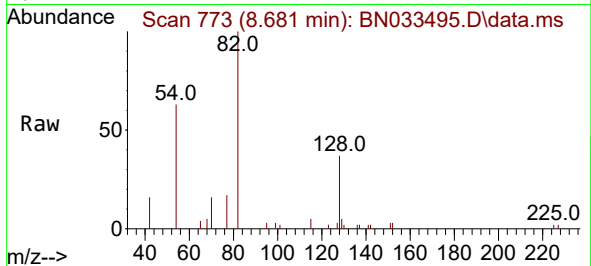




#8
Nitrobenzene-d5
Concen: 0.331 ng
RT: 8.681 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN033495.D
Acq: 20 Aug 2024 08:21

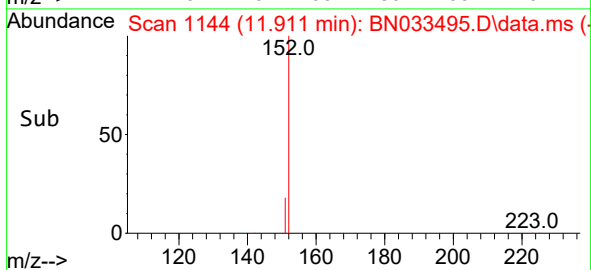
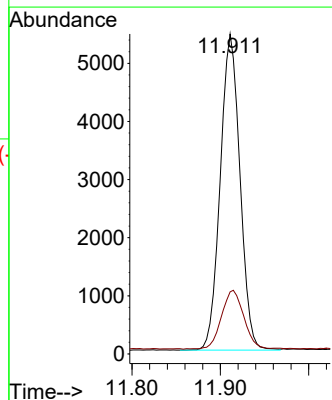
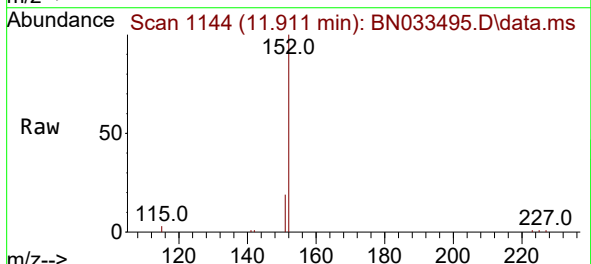
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20240814

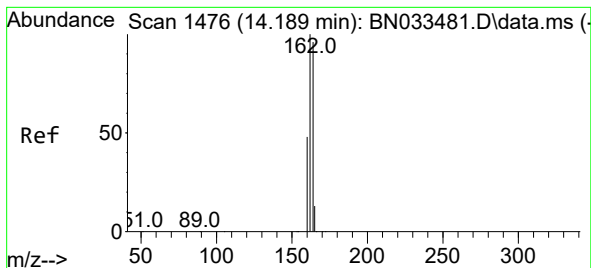
Tgt Ion: 82 Resp: 4872
Ion Ratio Lower Upper
82 100
128 36.9 36.0 54.0
54 63.0 42.0 63.0#



#11
2-Methylnaphthalene-d10
Concen: 0.332 ng
RT: 11.911 min Scan# 1144
Delta R.T. -0.004 min
Lab File: BN033495.D
Acq: 20 Aug 2024 08:21

Tgt Ion: 152 Resp: 8443
Ion Ratio Lower Upper
152 100
151 21.1 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: BN033495.D

Acq: 20 Aug 2024 08:21

Instrument :

BNA_N

ClientSampleId :

RW7-SP100-20240814

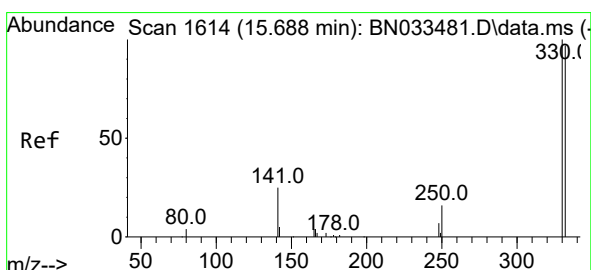
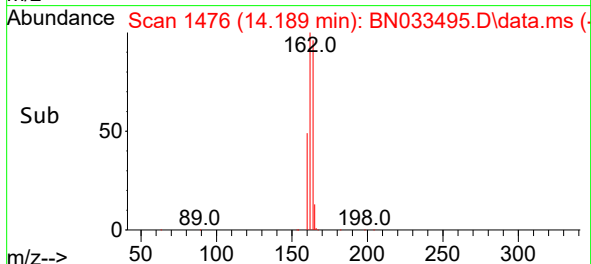
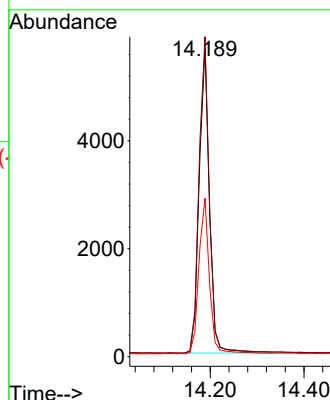
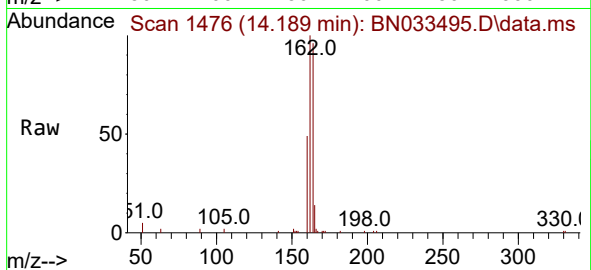
Tgt Ion:164 Resp: 8637

Ion Ratio Lower Upper

164 100

162 103.9 83.5 125.3

160 51.4 40.2 60.4



#14

2,4,6-Tribromophenol

Concen: 0.246 ng

RT: 15.688 min Scan# 1614

Delta R.T. 0.000 min

Lab File: BN033495.D

Acq: 20 Aug 2024 08:21

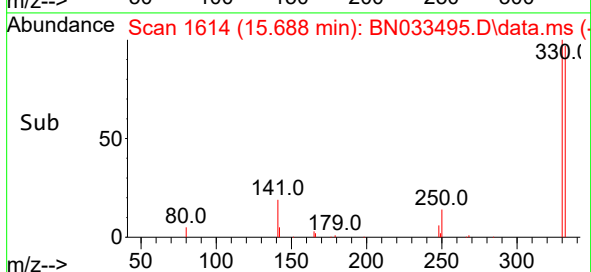
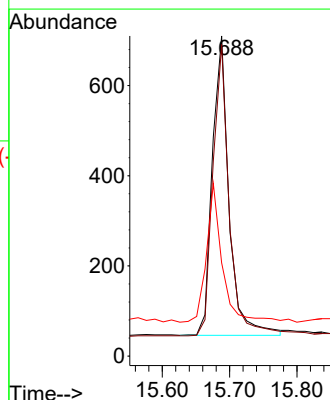
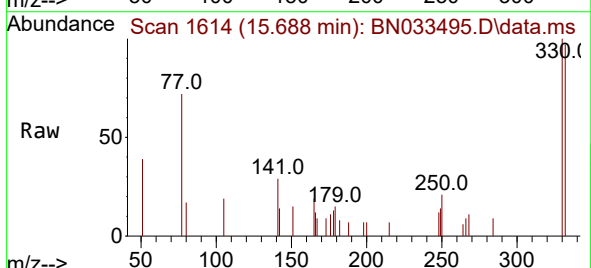
Tgt Ion:330 Resp: 1144

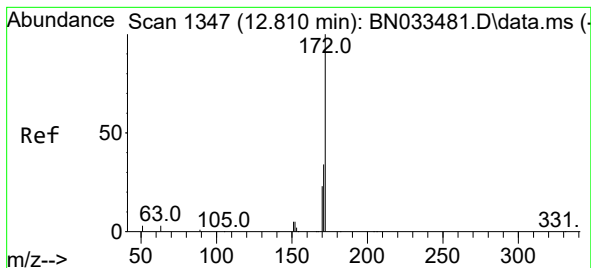
Ion Ratio Lower Upper

330 100

332 95.2 77.5 116.3

141 43.7 33.9 50.9





#15

2-Fluorobiphenyl

Concen: 0.358 ng

RT: 12.810 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN033495.D

Acq: 20 Aug 2024 08:21

Instrument :

BNA_N

ClientSampleId :

RW7-SP100-20240814

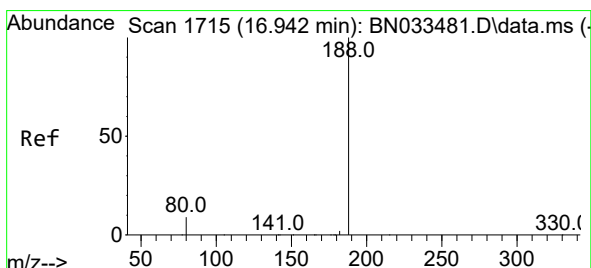
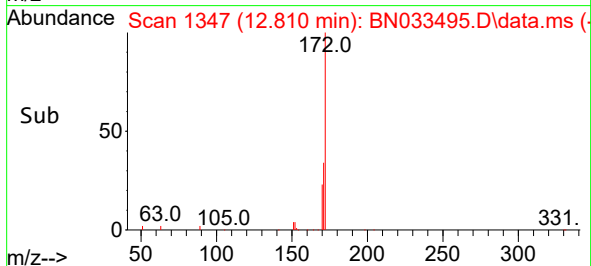
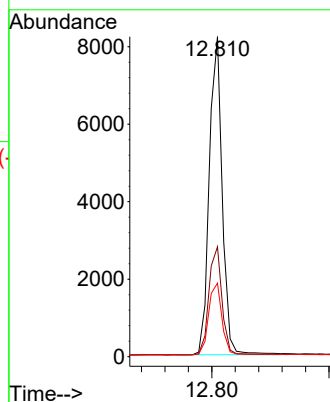
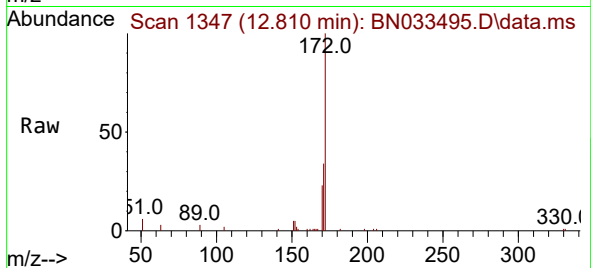
Tgt Ion:172 Resp: 12625

Ion Ratio Lower Upper

172 100

171 34.4 27.7 41.5

170 23.0 18.3 27.5



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.942 min Scan# 1715

Delta R.T. 0.000 min

Lab File: BN033495.D

Acq: 20 Aug 2024 08:21

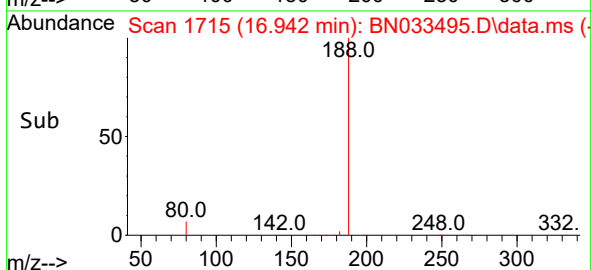
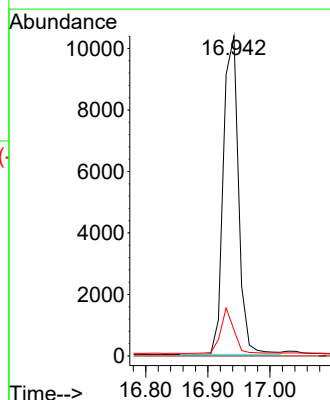
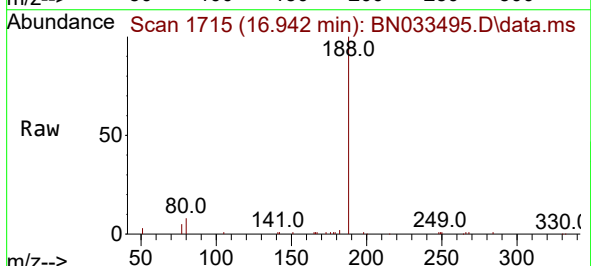
Tgt Ion:188 Resp: 17500

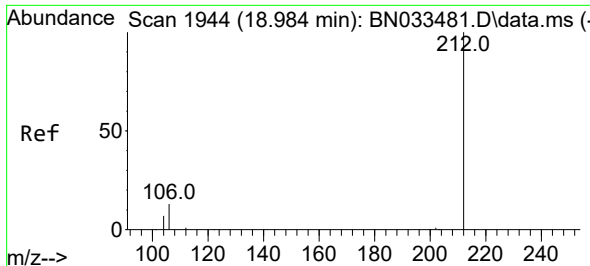
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.2 7.8 11.8

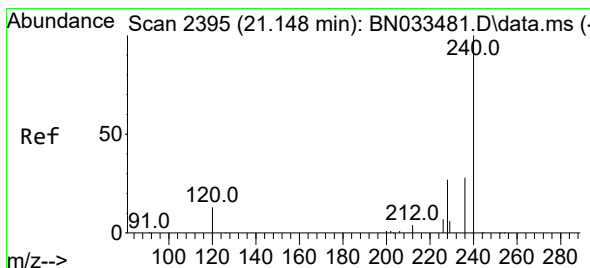
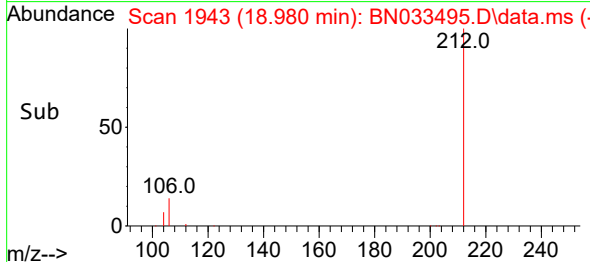
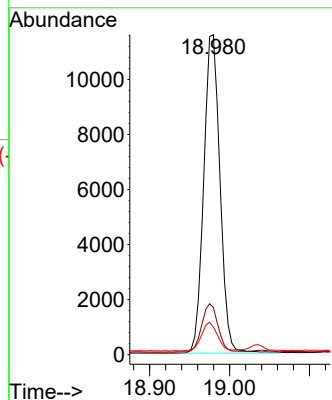
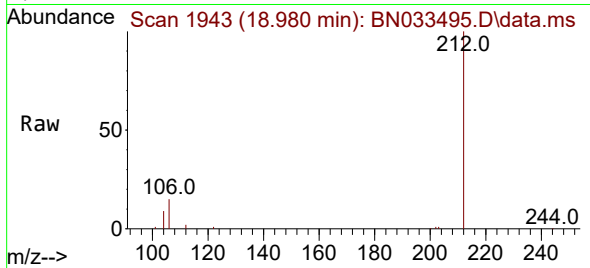




#27
Fluoranthene-d10
Concen: 0.389 ng
RT: 18.980 min Scan# 1943
Delta R.T. -0.005 min
Lab File: BN033495.D
Acq: 20 Aug 2024 08:21

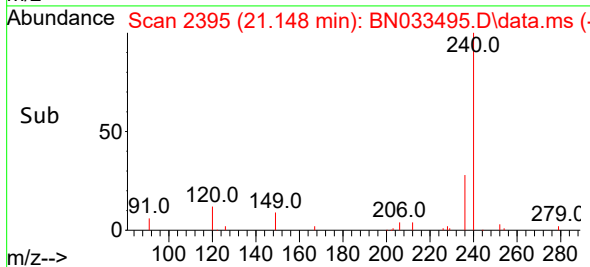
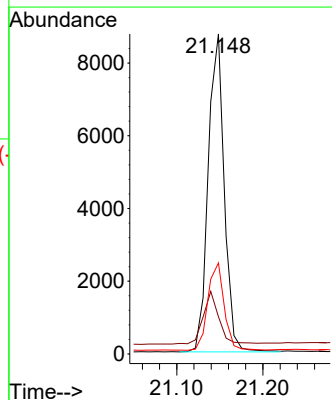
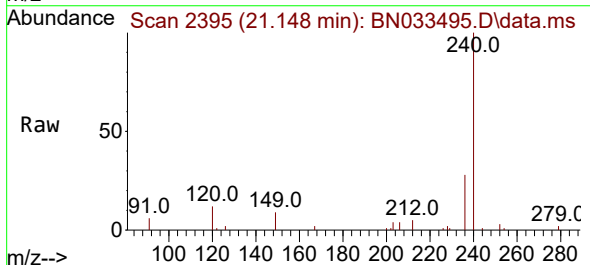
Instrument :
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RW7-SP100-20240814

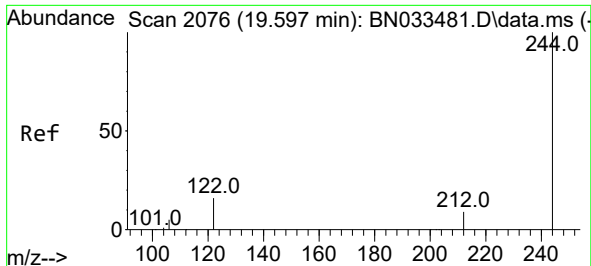
Tgt Ion:212 Resp: 16356
Ion Ratio Lower Upper
212 100
106 15.4 12.3 18.5
104 9.0 7.0 10.4



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.148 min Scan# 2395
Delta R.T. 0.000 min
Lab File: BN033495.D
Acq: 20 Aug 2024 08:21

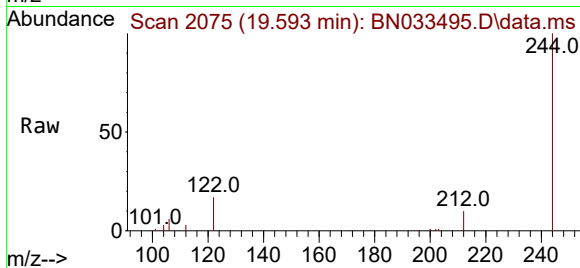
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Ion Ratio Lower Upper
240 100
120 11.7 12.4 18.6#
236 28.4 23.0 34.6



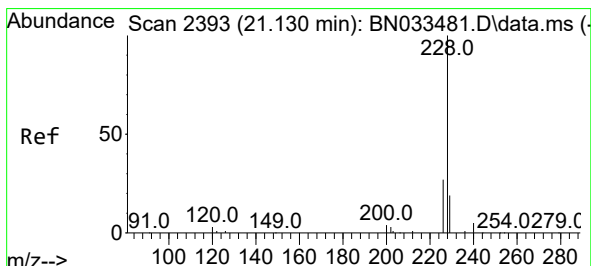
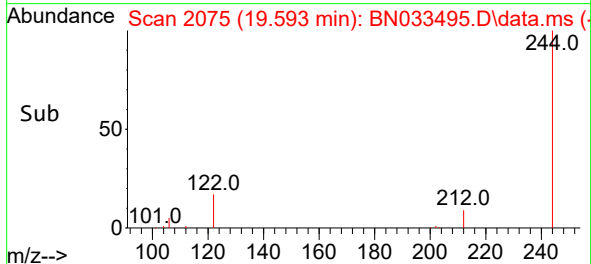
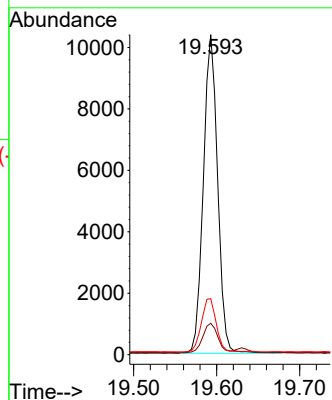


#31
Terphenyl-d14
Concen: 0.481 ng
RT: 19.593 min Scan# 2075
Delta R.T. -0.005 min
Lab File: BN033495.D
Acq: 20 Aug 2024 08:21

Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20240814

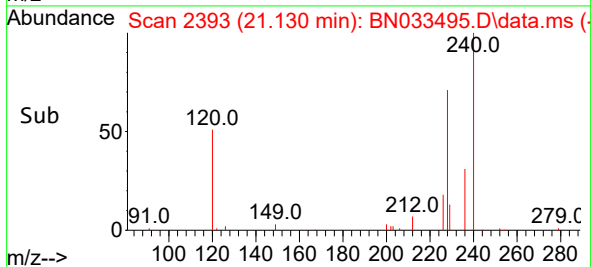
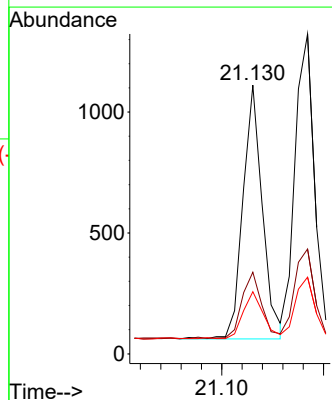
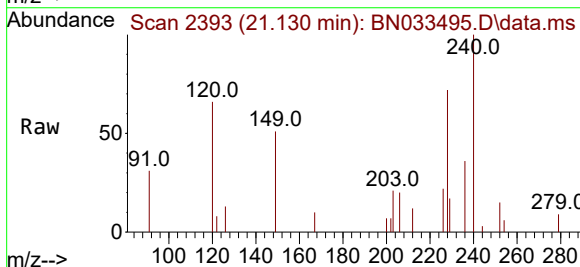


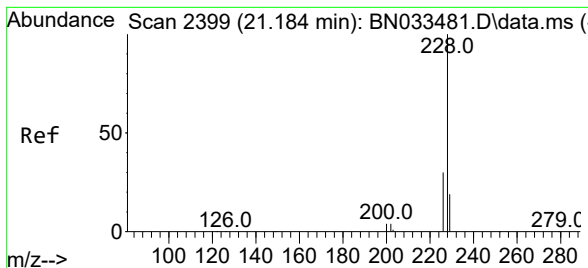
Tgt Ion:244 Resp: 12383
Ion Ratio Lower Upper
244 100
212 9.8 7.8 11.6
122 17.5 13.3 19.9



#32
Benzo(a)anthracene
Concen: 0.034 ng
RT: 21.130 min Scan# 2393
Delta R.T. 0.000 min
Lab File: BN033495.D
Acq: 20 Aug 2024 08:21

Tgt Ion:228 Resp: 1391
Ion Ratio Lower Upper
228 100
226 30.4 21.8 32.6
229 23.1 15.8 23.6





#33

Chrysene

Concen: 0.033 ng

RT: 21.130 min Scan# 21

Delta R.T. -0.054 min

Lab File: BN033495.D

Acq: 20 Aug 2024 08:21

Instrument :

BNA_N

ClientSampleId :

RW7-SP100-20240814

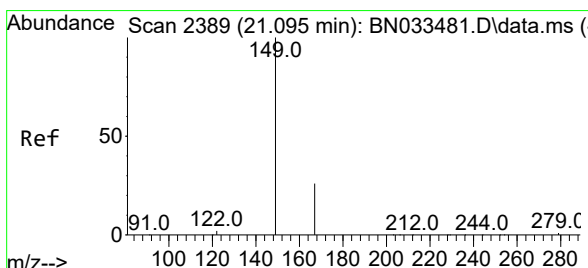
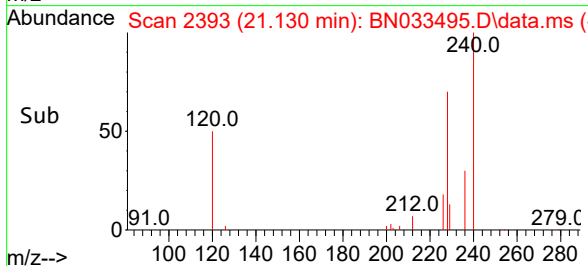
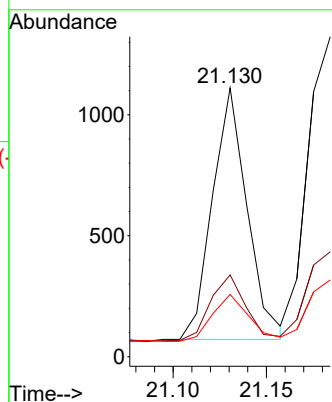
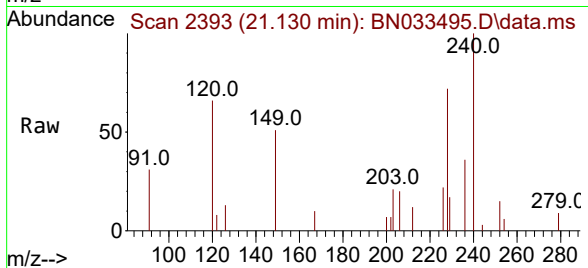
Tgt Ion:228 Resp: 1347

Ion Ratio Lower Upper

228 100

226 30.4 23.8 35.8

229 23.1 15.6 23.4



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.150 ng

RT: 21.095 min Scan# 2389

Delta R.T. 0.000 min

Lab File: BN033495.D

Acq: 20 Aug 2024 08:21

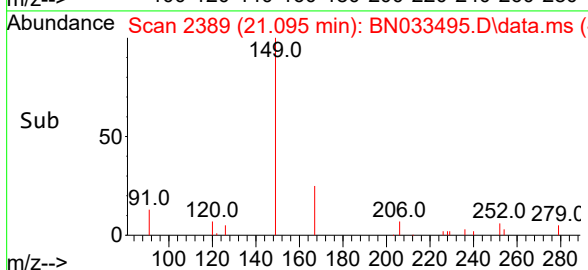
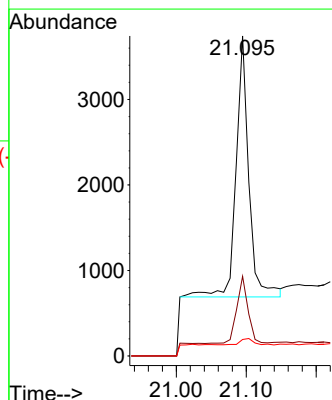
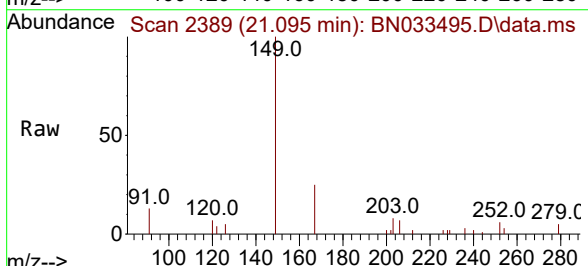
Tgt Ion:149 Resp: 3900

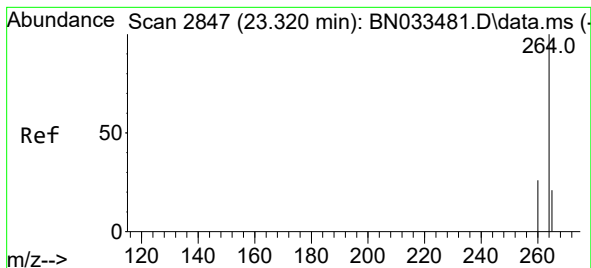
Ion Ratio Lower Upper

149 100

167 22.1 21.5 32.3

279 2.5 2.2 3.2





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.318 min Scan# 21

Delta R.T. -0.003 min

Lab File: BN033495.D

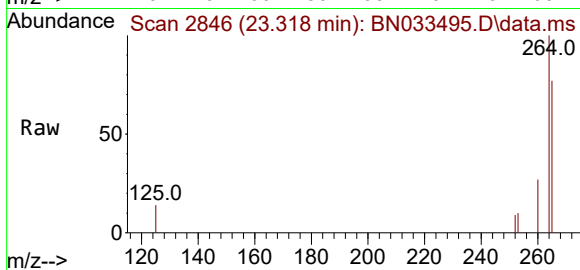
Acq: 20 Aug 2024 08:21

Instrument :

BNA_N

ClientSampleId :

RW7-SP100-20240814



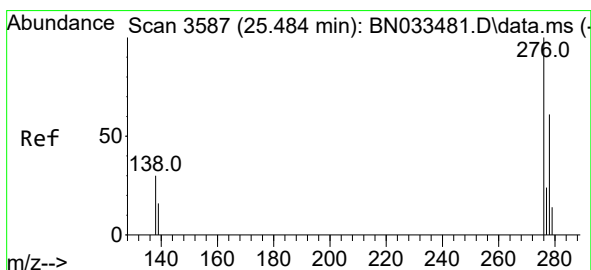
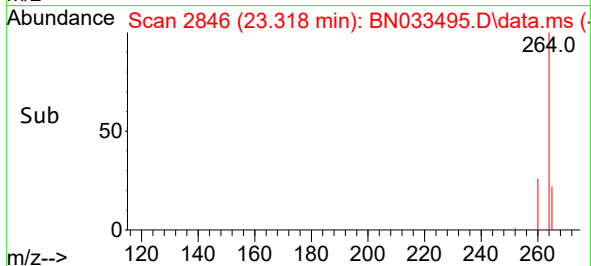
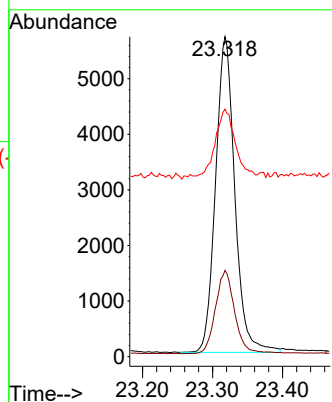
Tgt Ion:264 Resp: 10839

Ion Ratio Lower Upper

264 100

260 26.9 20.8 31.2

265 77.4 52.2 78.2



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.038 ng

RT: 25.475 min Scan# 3584

Delta R.T. -0.009 min

Lab File: BN033495.D

Acq: 20 Aug 2024 08:21

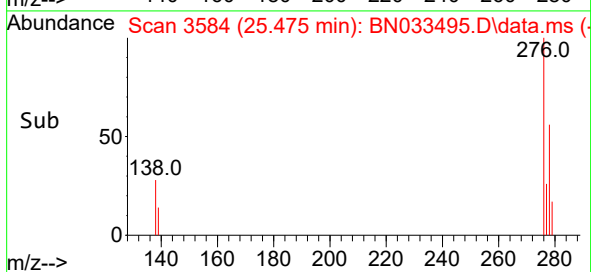
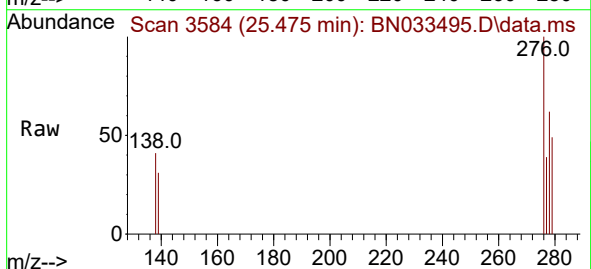
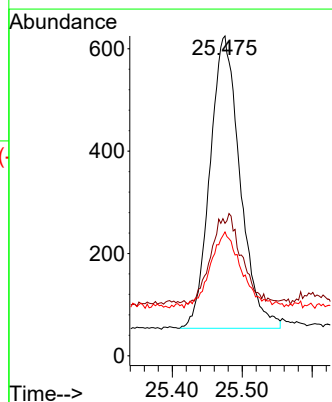
Tgt Ion:276 Resp: 1705

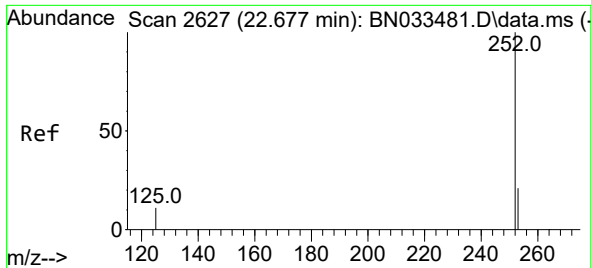
Ion Ratio Lower Upper

276 100

138 31.5 24.4 36.6

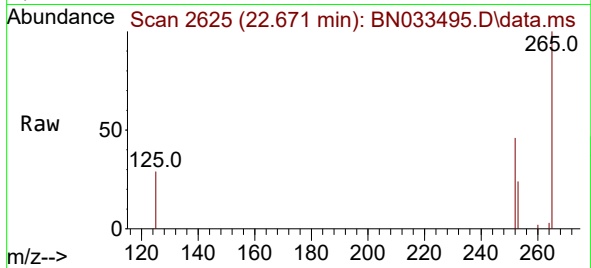
277 26.7 19.8 29.6



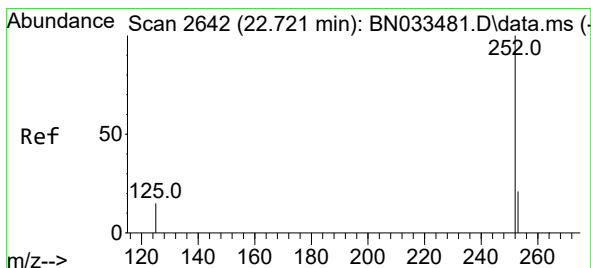
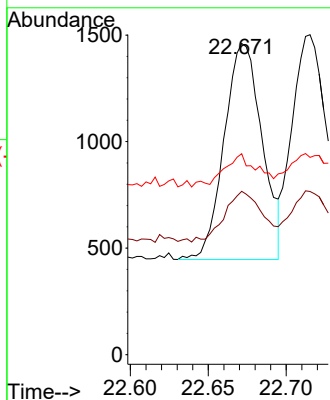


#37
Benzo(b)fluoranthene
Concen: 0.042 ng
RT: 22.671 min Scan# 2625
Delta R.T. -0.006 min
Lab File: BN033495.D
Acq: 20 Aug 2024 08:21

Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20240814

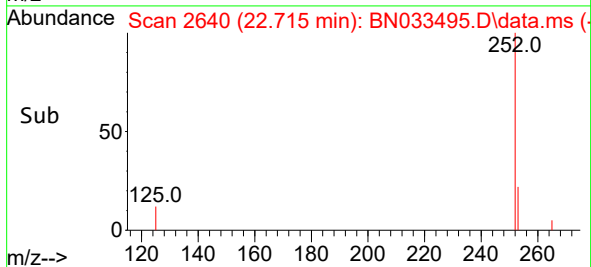
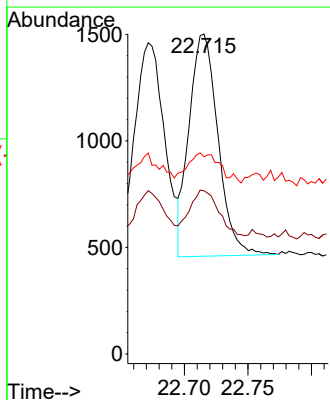
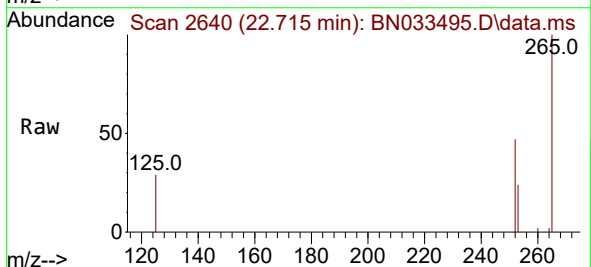


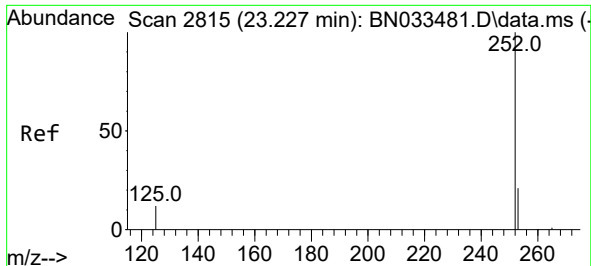
Tgt Ion:252 Resp: 1719
Ion Ratio Lower Upper
252 100
253 52.5 19.8 29.8#
125 64.5 13.9 20.9#



#38
Benzo(k)fluoranthene
Concen: 0.041 ng
RT: 22.715 min Scan# 2640
Delta R.T. -0.006 min
Lab File: BN033495.D
Acq: 20 Aug 2024 08:21

Tgt Ion:252 Resp: 1653
Ion Ratio Lower Upper
252 100
253 51.0 19.8 29.8#
125 61.7 15.8 23.8#





#39

Benzo(a)pyrene

Concen: 0.037 ng

RT: 23.221 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN033495.D

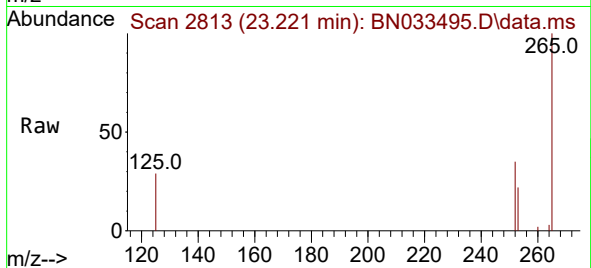
Acq: 20 Aug 2024 08:21

Instrument :

BNA_N

ClientSampleId :

RW7-SP100-20240814



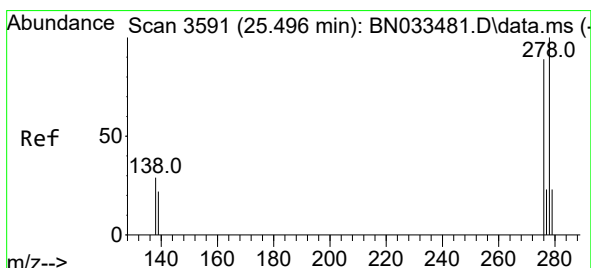
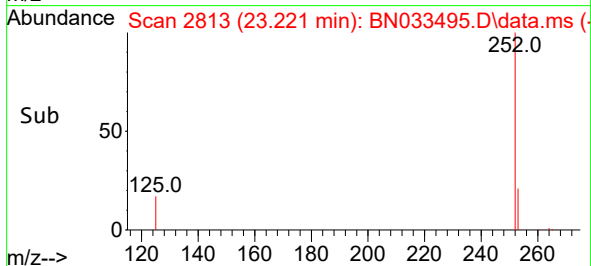
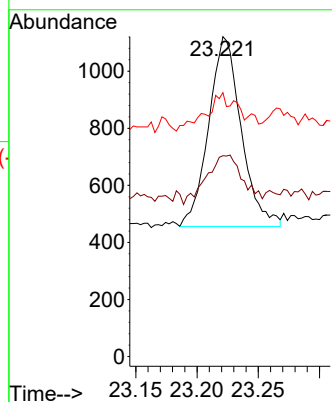
Tgt Ion:252 Resp: 1228

Ion Ratio Lower Upper

252 100

253 62.8 21.5 32.3#

125 82.5 17.0 25.4#



#40

Dibenzo(a,h)anthracene

Concen: 0.038 ng

RT: 25.493 min Scan# 3590

Delta R.T. -0.003 min

Lab File: BN033495.D

Acq: 20 Aug 2024 08:21

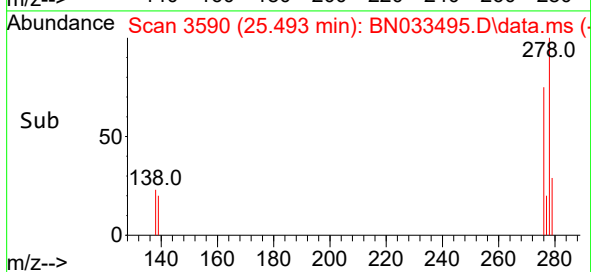
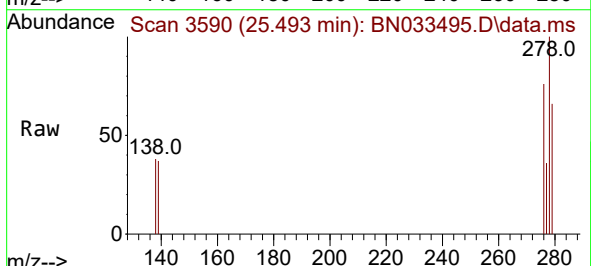
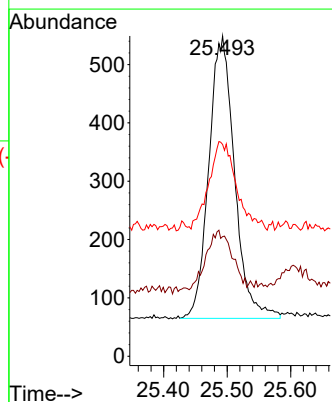
Tgt Ion:278 Resp: 1361

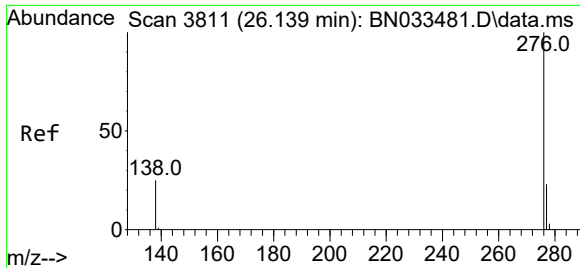
Ion Ratio Lower Upper

278 100

139 37.3 19.1 28.7#

279 66.1 21.0 31.4#





#41

Benzo(g,h,i)perylene

Concen: 0.037 ng

RT: 26.124 min Scan# 3806

Delta R.T. -0.015 min

Lab File: BN033495.D

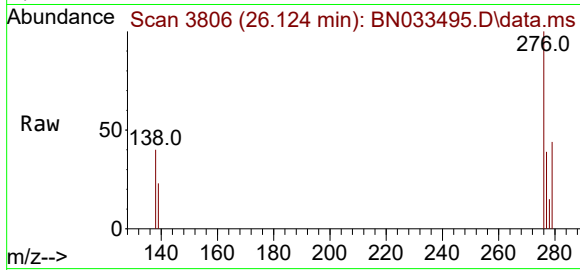
Acq: 20 Aug 2024 08:21

Instrument :

BNA_N

ClientSampleId :

RW7-SP100-20240814



Tgt Ion:276 Resp: 1410

Ion Ratio Lower Upper

276 100

277 38.8 19.7 29.5#

138 40.1 21.8 32.6#

