

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081924\
 Data File : BN033496.D
 Acq On : 20 Aug 2024 08:59
 Operator : MA/JU
 Sample : P3650-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP201-20240814

Quant Time: Aug 20 09:23:30 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)

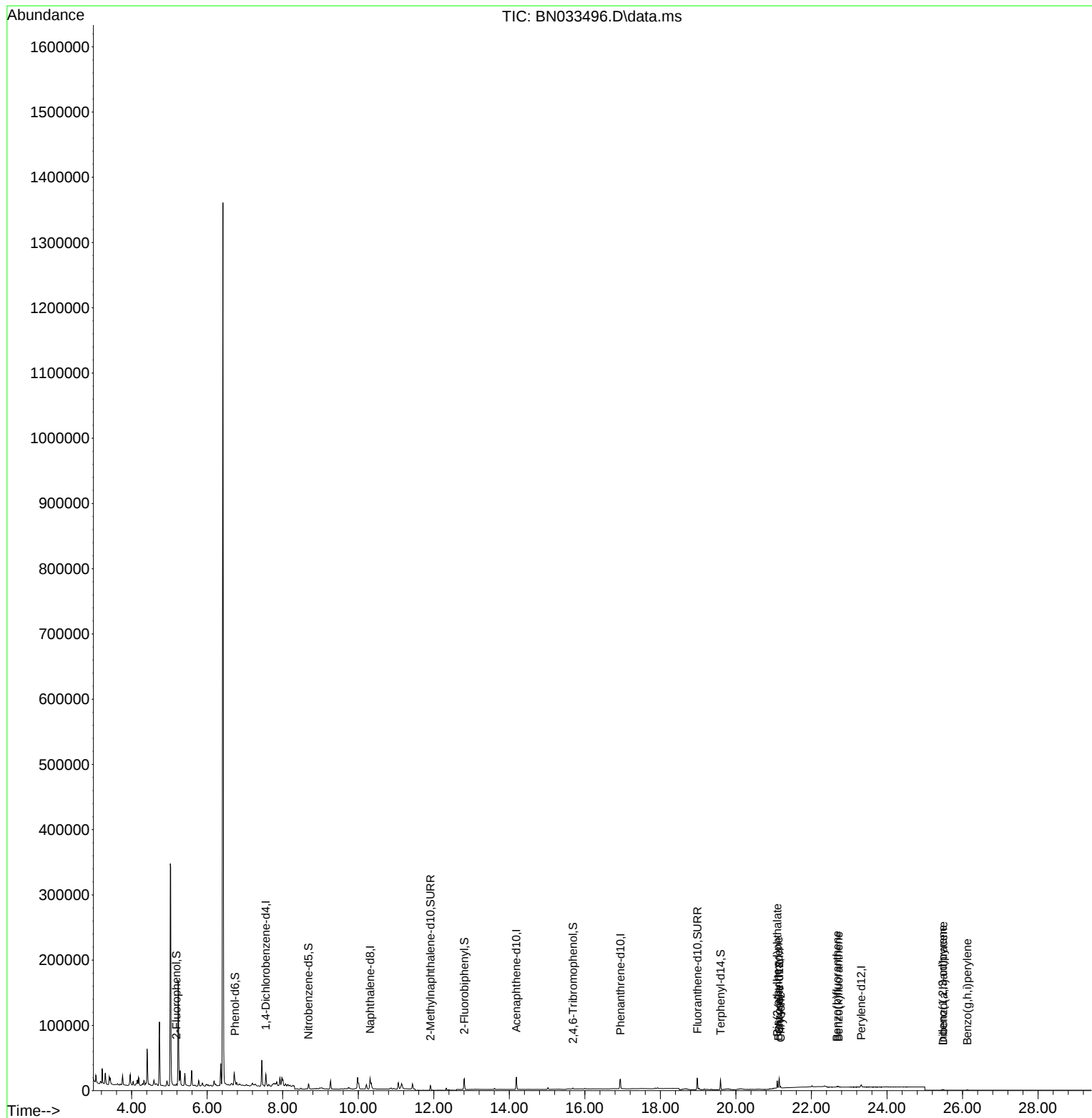
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	7590	0.400	ng	0.00
7) Naphthalene-d8	10.314	136	20313	0.400	ng	# 0.00
13) Acenaphthene-d10	14.189	164	10315	0.400	ng	0.00
19) Phenanthrene-d10	16.942	188	21906	0.400	ng	# 0.00
29) Chrysene-d12	21.148	240	12836	0.400	ng	0.00
35) Perylene-d12	23.317	264	4363	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	1962	0.081	ng	0.00
5) Phenol-d6	6.736	99	1782	0.062	ng	0.00
8) Nitrobenzene-d5	8.681	82	5147	0.306	ng	-0.01
11) 2-Methylnaphthalene-d10	11.911	152	9461	0.326	ng	0.00
14) 2,4,6-Tribromophenol	15.688	330	853	0.154	ng	0.00
15) 2-Fluorobiphenyl	12.809	172	14563	0.346	ng	0.00
27) Fluoranthene-d10	18.979	212	19335	0.367	ng	0.00
31) Terphenyl-d14	19.593	244	13441	0.461	ng	0.00
Target Compounds						
						Qvalue
32) Benzo(a)anthracene	21.130	228	998	0.022	ng	# 87
33) Chrysene	21.184	228	1841	0.040	ng	93
34) Bis(2-ethylhexyl)phtha...	21.094	149	9497	0.323	ng	99
36) Indeno(1,2,3-cd)pyrene	25.475	276	1149	0.063	ng	# 87
37) Benzo(b)fluoranthene	22.674	252	1540	0.095	ng	# 17
38) Benzo(k)fluoranthene	22.715	252	1441	0.090	ng	# 9
40) Dibenzo(a,h)anthracene	25.490	278	1076	0.074	ng	# 38
41) Benzo(g,h,i)perylene	26.127	276	1162	0.075	ng	# 65

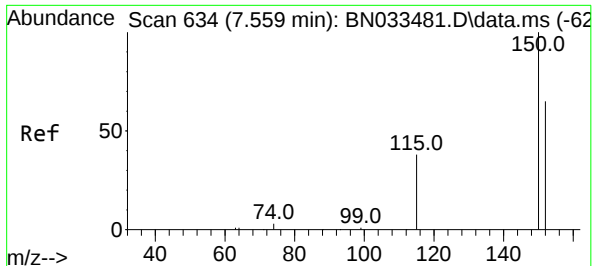
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081924\
Data File : BN033496.D
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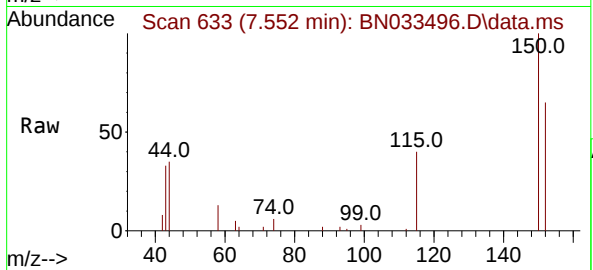
Quant Time: Aug 20 09:23:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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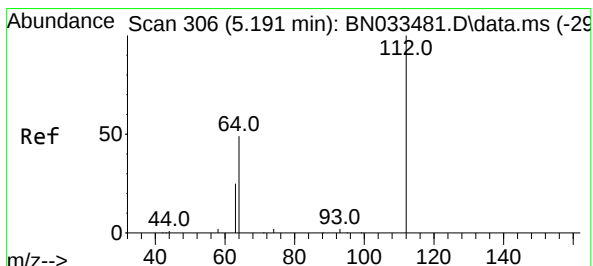
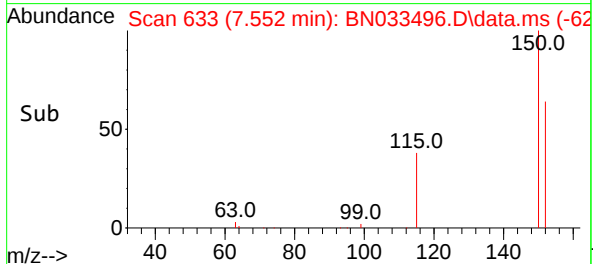
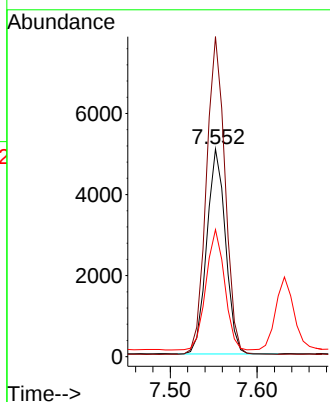


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.552 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN033496.D
Acq: 20 Aug 2024 08:59

Instrument :
BNA_N
ClientSampleId :
RW7-SP201-20240814

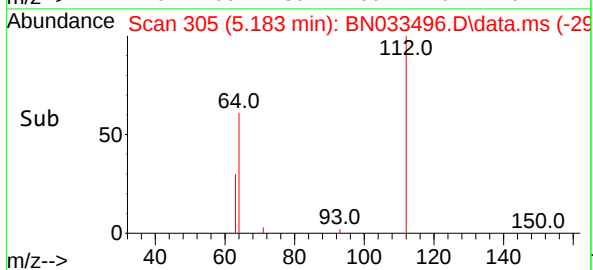
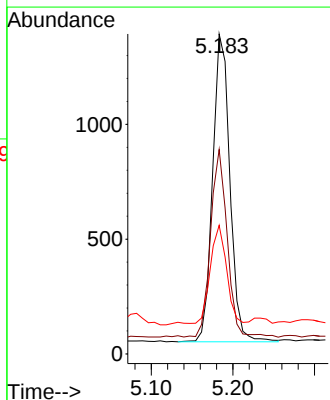
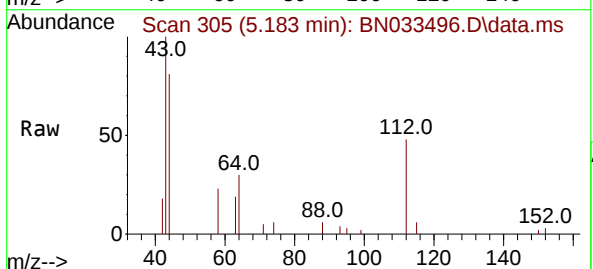


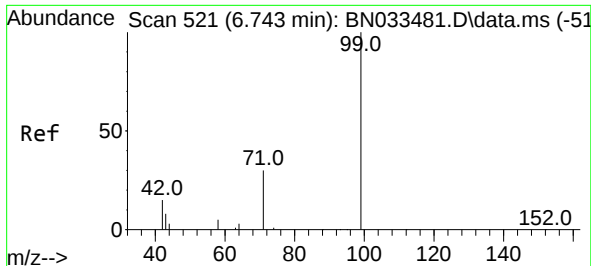
Tgt Ion:152 Resp: 7590
Ion Ratio Lower Upper
152 100
150 154.0 122.2 183.2
115 61.2 47.2 70.8



#4
2-Fluorophenol
Concen: 0.081 ng
RT: 5.183 min Scan# 305
Delta R.T. -0.007 min
Lab File: BN033496.D
Acq: 20 Aug 2024 08:59

Tgt Ion:112 Resp: 1962
Ion Ratio Lower Upper
112 100
64 59.1 47.1 70.7
63 30.3 24.9 37.3

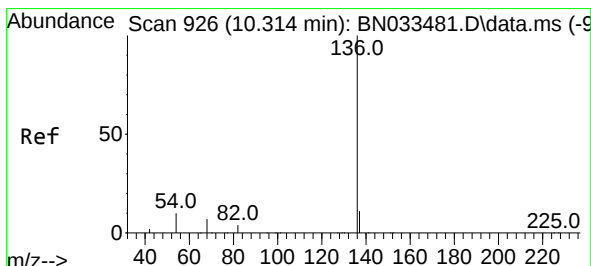
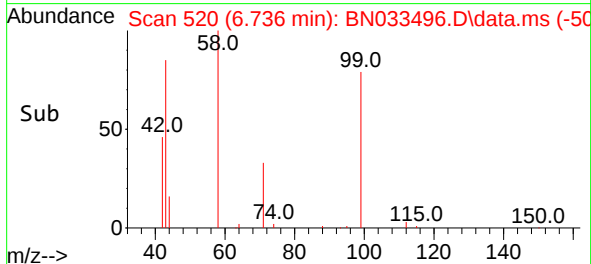
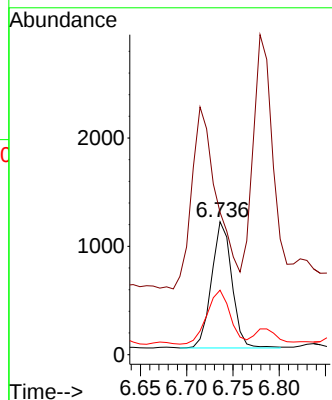
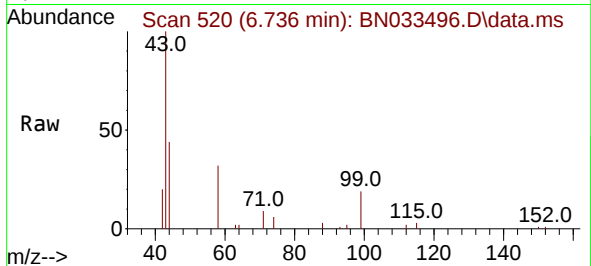




#5
Phenol-d6
Concen: 0.062 ng
RT: 6.736 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN033496.D
Acq: 20 Aug 2024 08:59

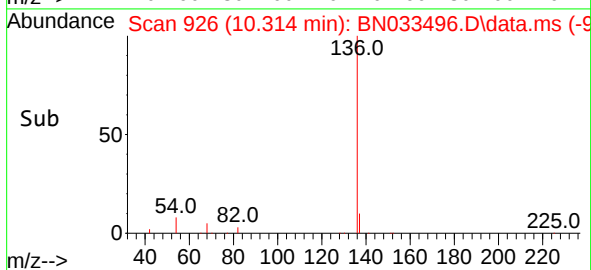
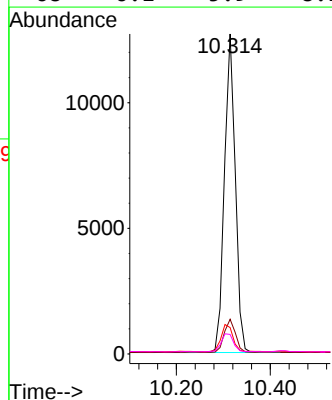
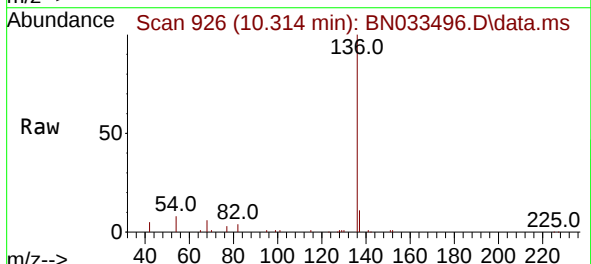
Instrument :
BNA_N
ClientSampleId :
RW7-SP201-20240814

Tgt Ion: 99 Resp: 1782
Ion Ratio Lower Upper
99 100
42 0.0 16.6 24.8#
71 48.9 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: BN033496.D
Acq: 20 Aug 2024 08:59

Tgt Ion: 136 Resp: 20313
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.6
54 8.2 8.3 12.5#
68 6.1 5.9 8.9

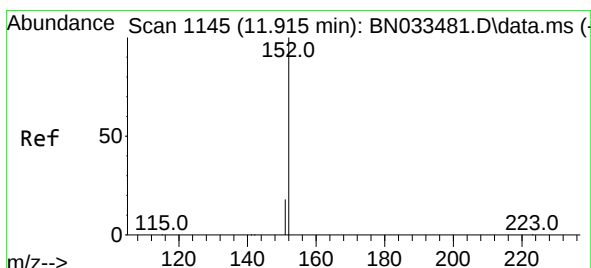
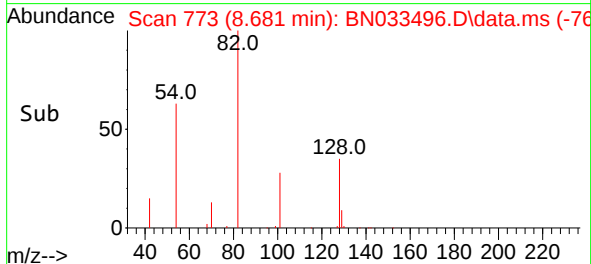
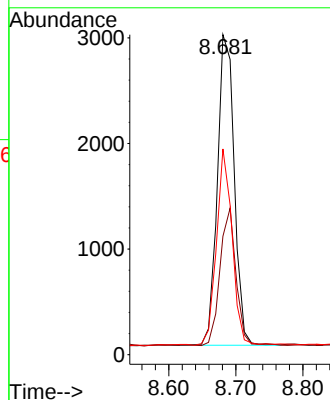
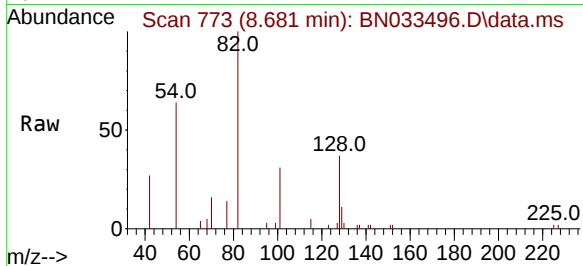




#8
 Nitrobenzene-d5
 Concen: 0.306 ng
 RT: 8.681 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BN033496.D
 Acq: 20 Aug 2024 08:59

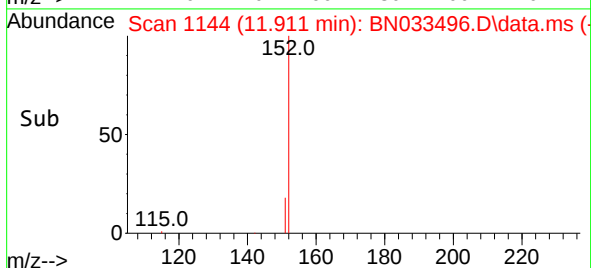
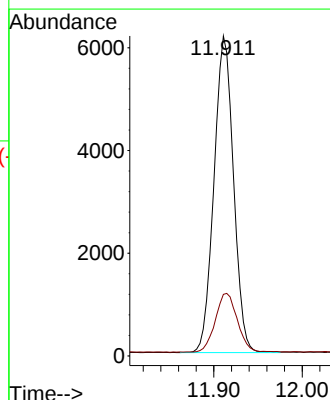
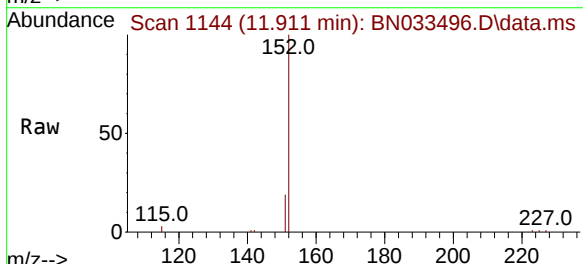
Instrument :
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 ClientSampleId :
 RW7-SP201-20240814

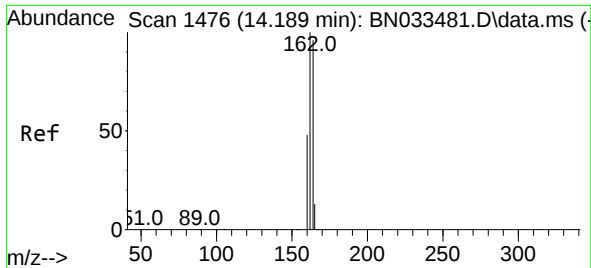
Tgt Ion: 82 Resp: 5147
 Ion Ratio Lower Upper
 82 100
 128 37.0 36.0 54.0
 54 64.3 42.0 63.0#



#11
 2-Methylnaphthalene-d10
 Concen: 0.326 ng
 RT: 11.911 min Scan# 1144
 Delta R.T. -0.004 min
 Lab File: BN033496.D
 Acq: 20 Aug 2024 08:59

Tgt Ion: 152 Resp: 9461
 Ion Ratio Lower Upper
 152 100
 151 21.1 16.6 25.0

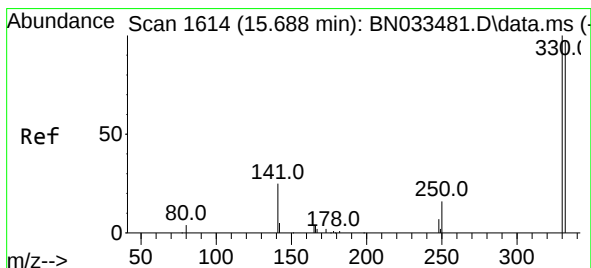
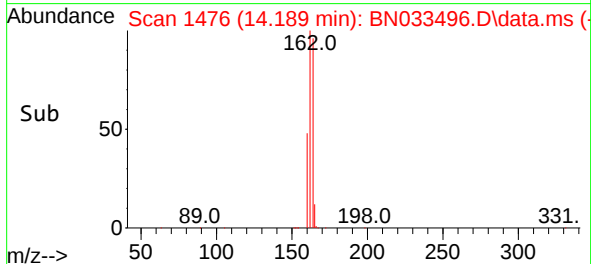
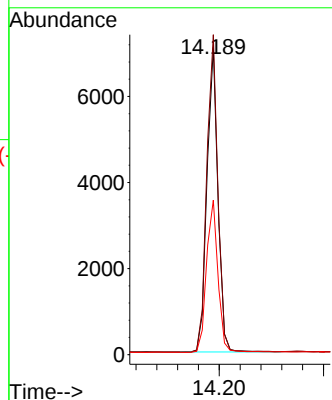
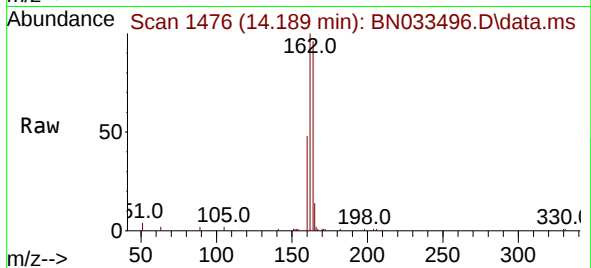




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.189 min Scan# 1476
Delta R.T. -0.000 min
Lab File: BN033496.D
Acq: 20 Aug 2024 08:59

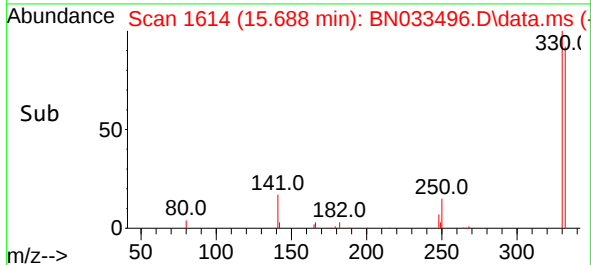
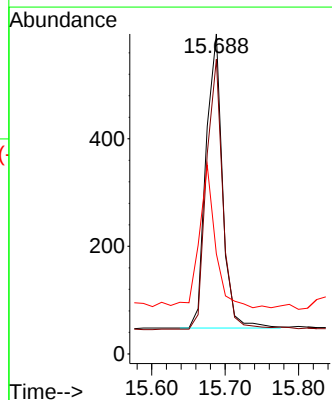
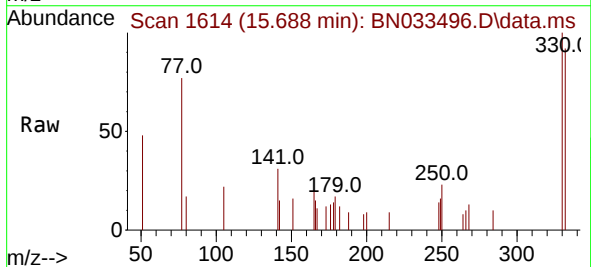
Instrument :
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ClientSampleId :
RW7-SP201-20240814

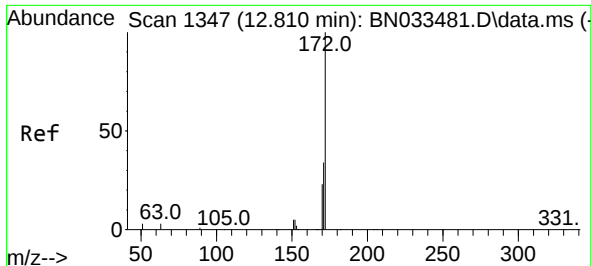
Tgt Ion:164 Resp: 10315
Ion Ratio Lower Upper
164 100
162 104.2 83.5 125.3
160 50.3 40.2 60.4



#14
2,4,6-Tribromophenol
Concen: 0.154 ng
RT: 15.688 min Scan# 1614
Delta R.T. -0.000 min
Lab File: BN033496.D
Acq: 20 Aug 2024 08:59

Tgt Ion:330 Resp: 853
Ion Ratio Lower Upper
330 100
332 91.6 77.5 116.3
141 47.5 33.9 50.9

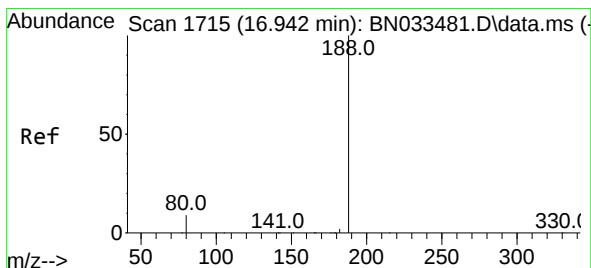
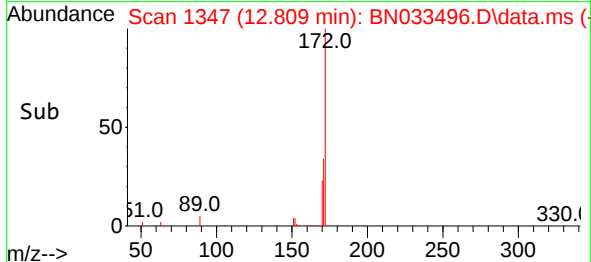
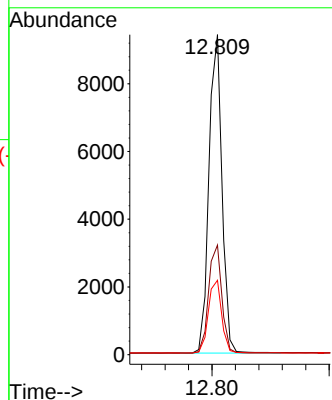
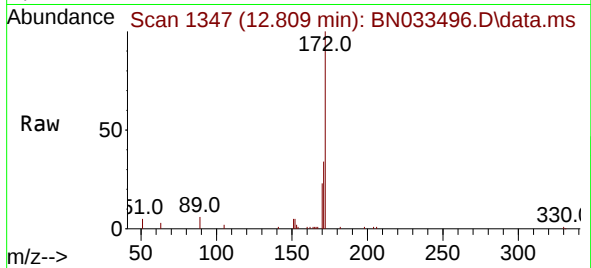




#15
2-Fluorobiphenyl
Concen: 0.346 ng
RT: 12.809 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN033496.D
Acq: 20 Aug 2024 08:59

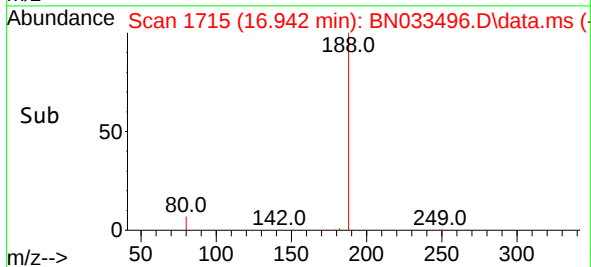
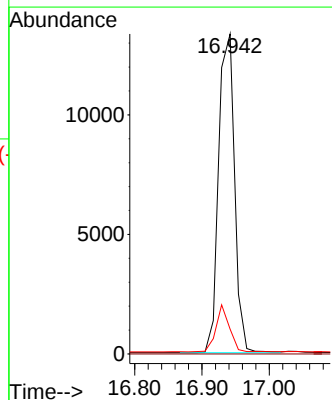
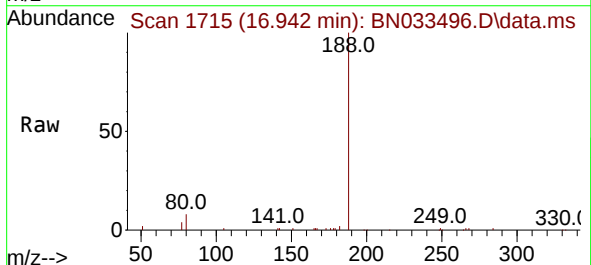
Instrument :
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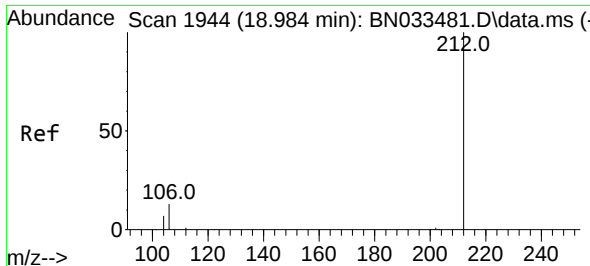
Tgt Ion:172 Resp: 14563
Ion Ratio Lower Upper
172 100
171 34.2 27.7 41.5
170 23.3 18.3 27.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.942 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BN033496.D
Acq: 20 Aug 2024 08:59

Tgt Ion:188 Resp: 21906
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.8 7.8 11.8

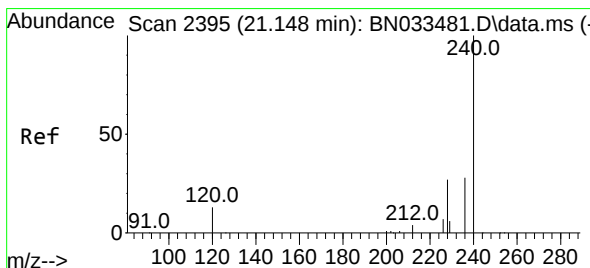
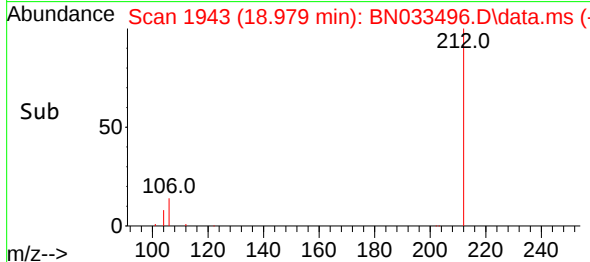
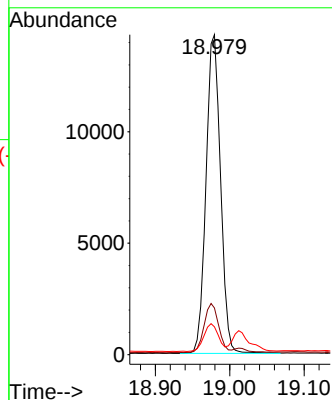
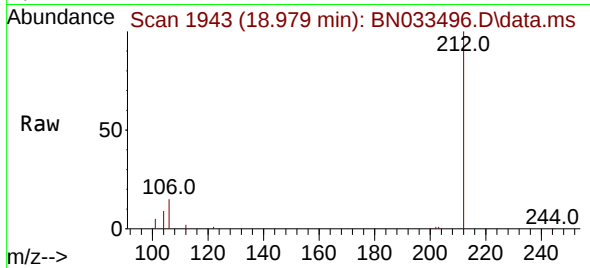




#27
Fluoranthene-d10
Concen: 0.367 ng
RT: 18.979 min Scan# 1943
Delta R.T. -0.005 min
Lab File: BN033496.D
Acq: 20 Aug 2024 08:59

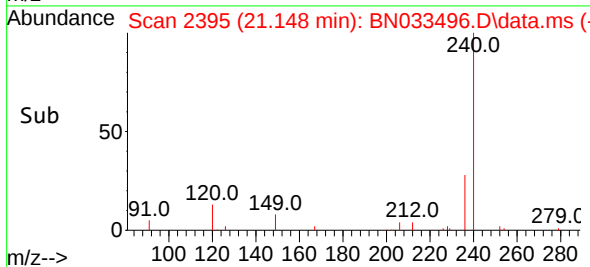
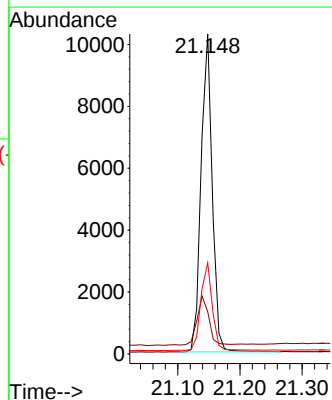
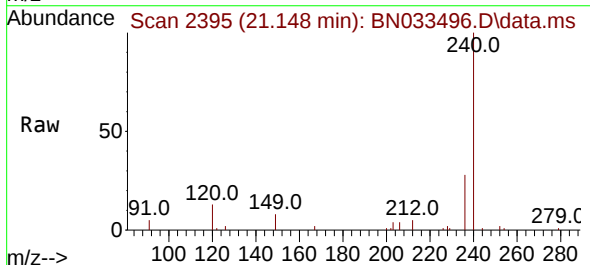
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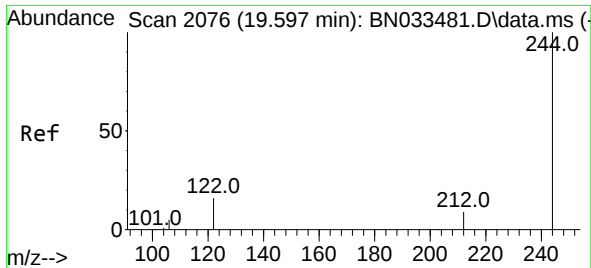
Tgt Ion:212 Resp: 19335
Ion Ratio Lower Upper
212 100
106 15.5 12.3 18.5
104 8.8 7.0 10.4



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.148 min Scan# 2395
Delta R.T. -0.000 min
Lab File: BN033496.D
Acq: 20 Aug 2024 08:59

Tgt Ion:240 Resp: 12836
Ion Ratio Lower Upper
240 100
120 13.2 12.4 18.6
236 28.5 23.0 34.6

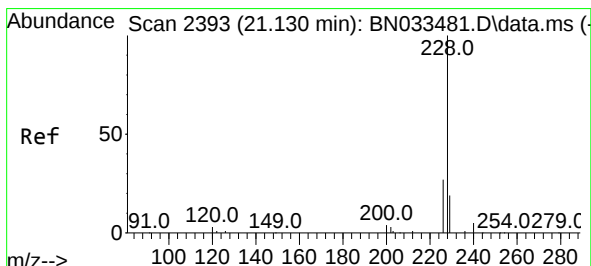
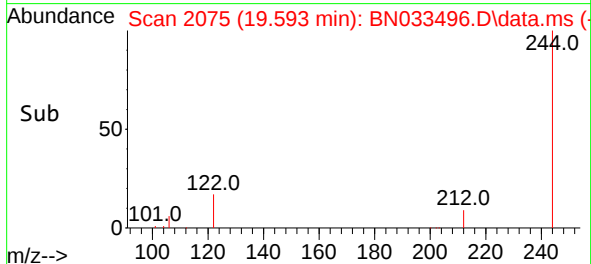
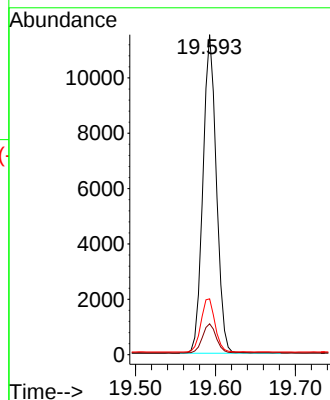
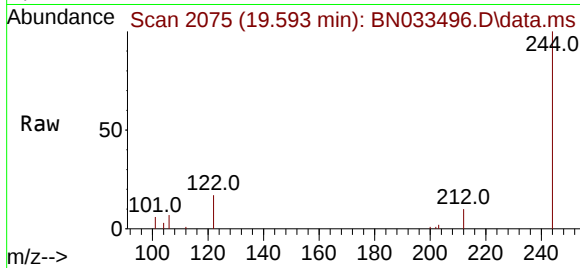




#31
 Terphenyl-d14
 Concen: 0.461 ng
 RT: 19.593 min Scan# 2075
 Delta R.T. -0.005 min
 Lab File: BN033496.D
 Acq: 20 Aug 2024 08:59

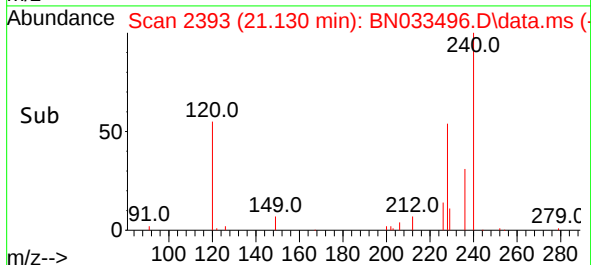
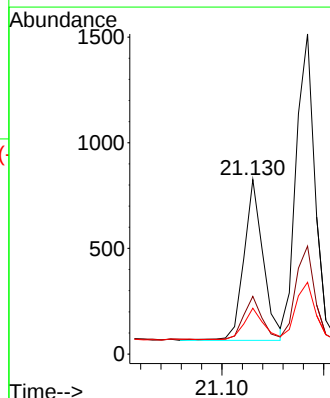
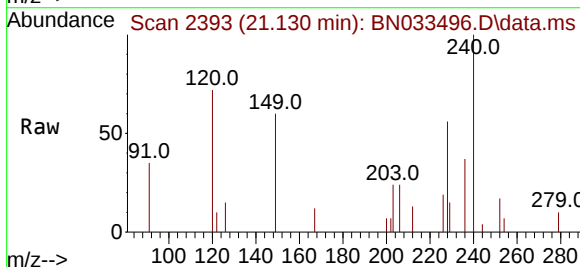
Instrument :
 BNA_N
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 RW7-SP201-20240814

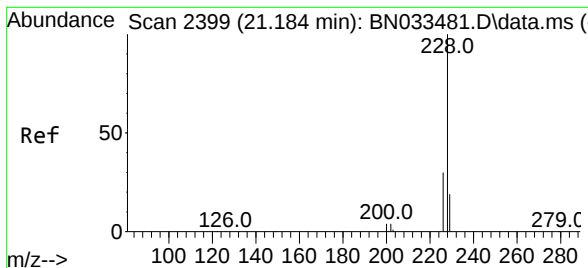
Tgt Ion:244	Resp:	13441
Ion Ratio	Lower	Upper
244	100	
212	9.6	7.8 11.6
122	17.5	13.3 19.9



#32
 Benzo(a)anthracene
 Concen: 0.022 ng
 RT: 21.130 min Scan# 2393
 Delta R.T. -0.000 min
 Lab File: BN033496.D
 Acq: 20 Aug 2024 08:59

Tgt Ion:228	Resp:	998
Ion Ratio	Lower	Upper
228	100	
226	33.1	21.8 32.6#
229	26.3	15.8 23.6#





#33

Chrysene

Concen: 0.040 ng

RT: 21.184 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN033496.D

Acq: 20 Aug 2024 08:59

Instrument :

BNA_N

ClientSampleId :

RW7-SP201-20240814

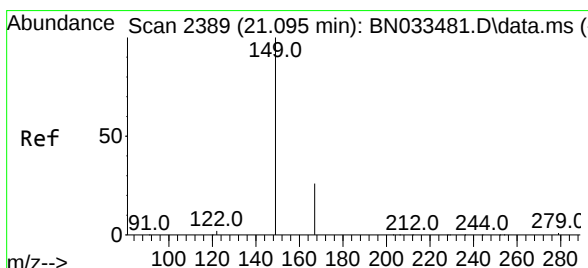
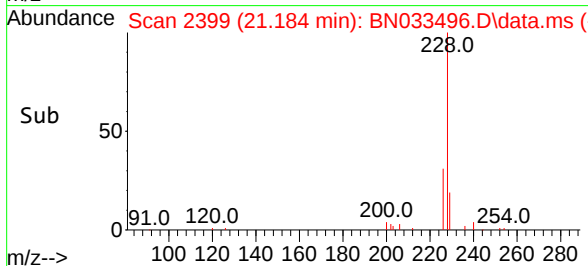
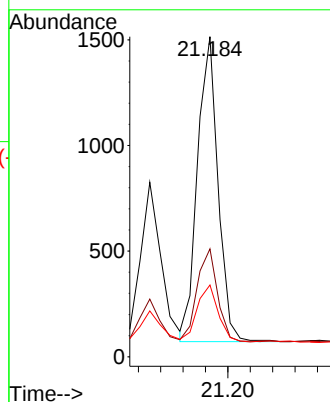
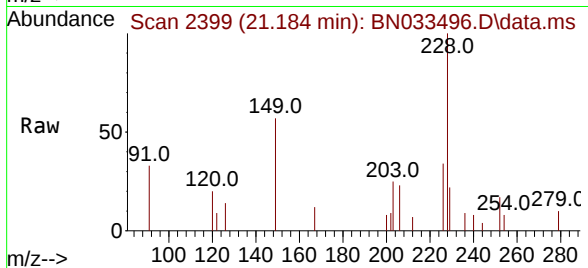
Tgt Ion:228 Resp: 1841

Ion Ratio Lower Upper

228 100

226 33.7 23.8 35.8

229 22.4 15.6 23.4



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.323 ng

RT: 21.094 min Scan# 2389

Delta R.T. -0.000 min

Lab File: BN033496.D

Acq: 20 Aug 2024 08:59

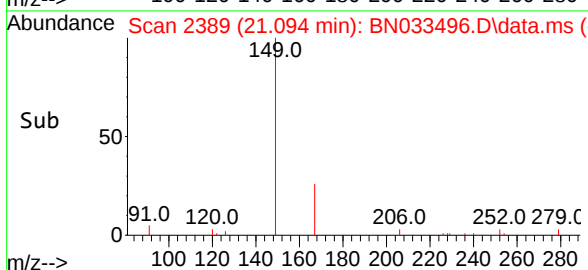
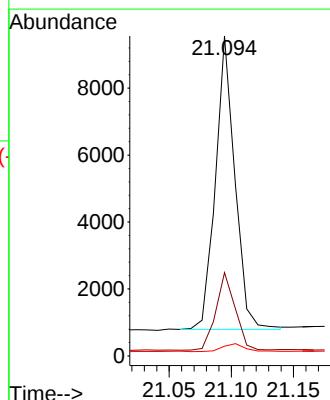
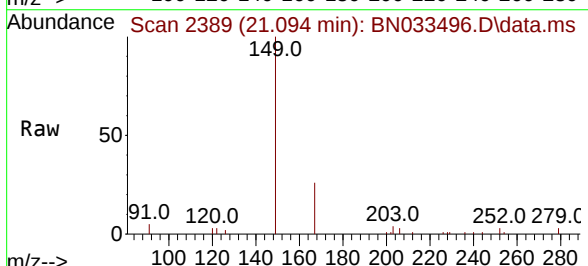
Tgt Ion:149 Resp: 9497

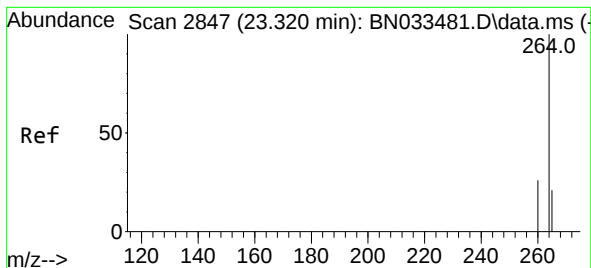
Ion Ratio Lower Upper

149 100

167 26.2 21.5 32.3

279 3.2 2.2 3.2





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.317 min Scan# 21

Delta R.T. -0.003 min

Lab File: BN033496.D

Acq: 20 Aug 2024 08:59

Instrument :

BNA_N

ClientSampleId :

RW7-SP201-20240814

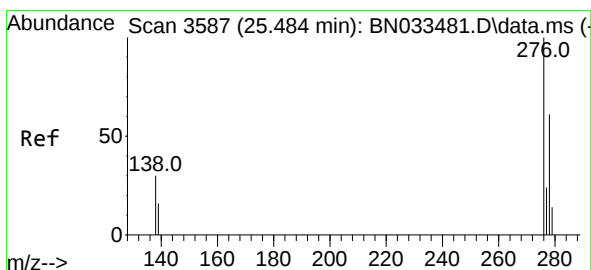
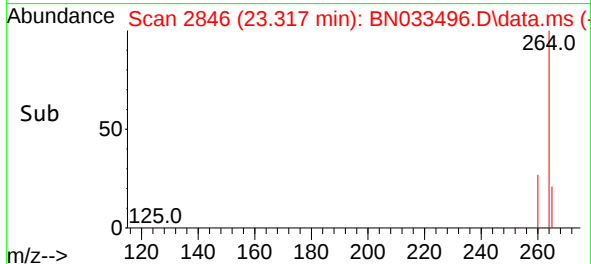
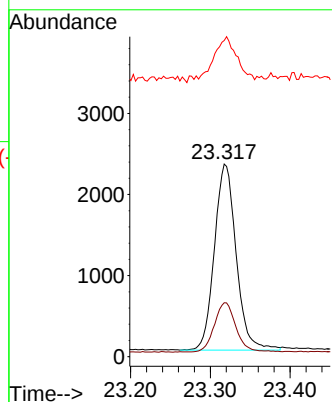
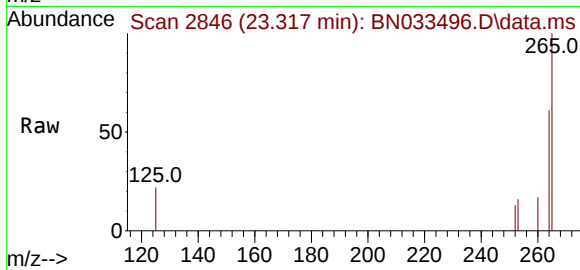
Tgt Ion:264 Resp: 4363

Ion Ratio Lower Upper

264 100

260 28.0 20.8 31.2

265 164.2 52.2 78.2#



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.063 ng

RT: 25.475 min Scan# 3584

Delta R.T. -0.009 min

Lab File: BN033496.D

Acq: 20 Aug 2024 08:59

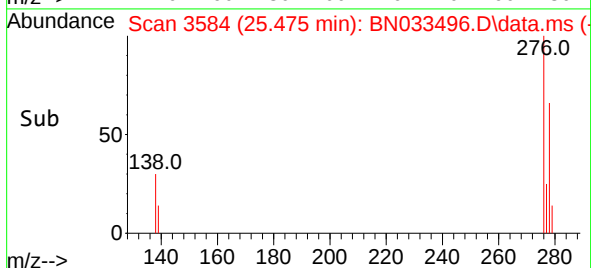
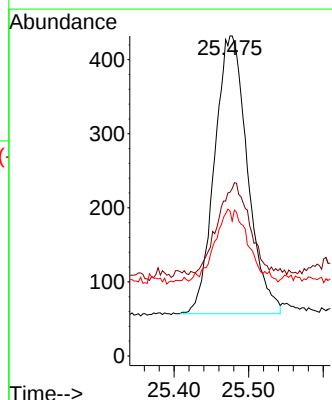
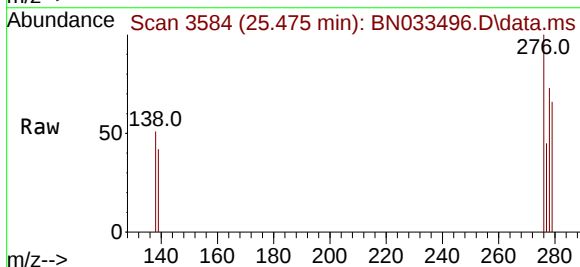
Tgt Ion:276 Resp: 1149

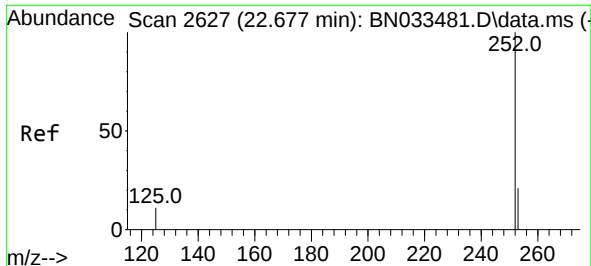
Ion Ratio Lower Upper

276 100

138 34.0 24.4 36.6

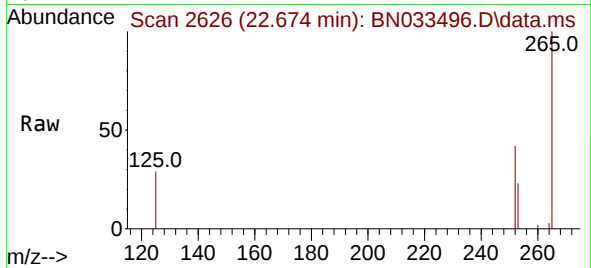
277 13.7 19.8 29.6#



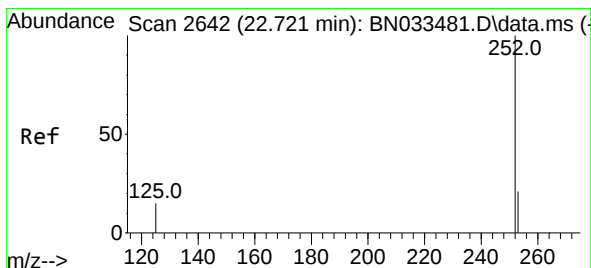
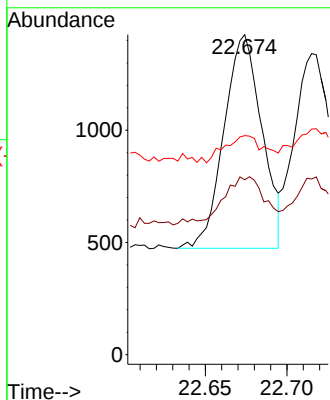


#37
Benzo(b)fluoranthene
Concen: 0.095 ng
RT: 22.674 min Scan# 2627
Delta R.T. -0.003 min
Lab File: BN033496.D
Acq: 20 Aug 2024 08:59

Instrument :
BNA_N
ClientSampleId :
RW7-SP201-20240814

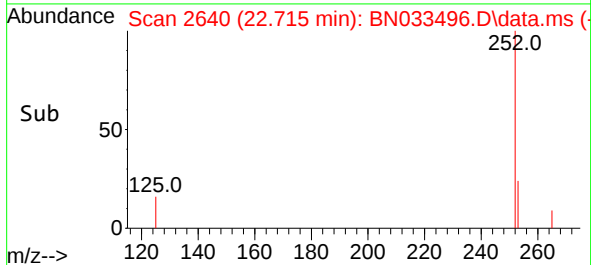
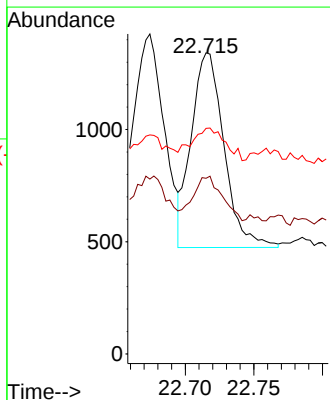
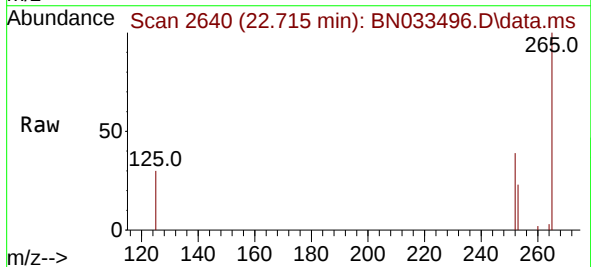


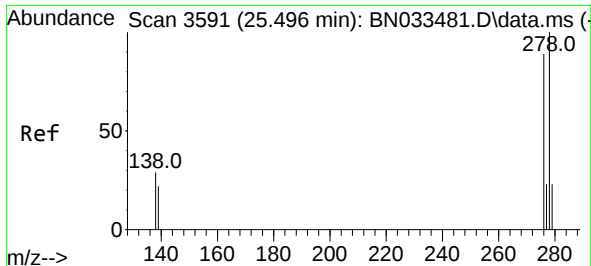
Tgt Ion:252 Resp: 1540
Ion Ratio Lower Upper
252 100
253 54.6 19.8 29.8#
125 68.4 13.9 20.9#



#38
Benzo(k)fluoranthene
Concen: 0.090 ng
RT: 22.715 min Scan# 2640
Delta R.T. -0.006 min
Lab File: BN033496.D
Acq: 20 Aug 2024 08:59

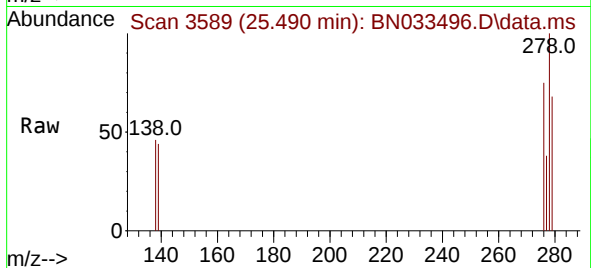
Tgt Ion:252 Resp: 1441
Ion Ratio Lower Upper
252 100
253 58.3 19.8 29.8#
125 74.9 15.8 23.8#



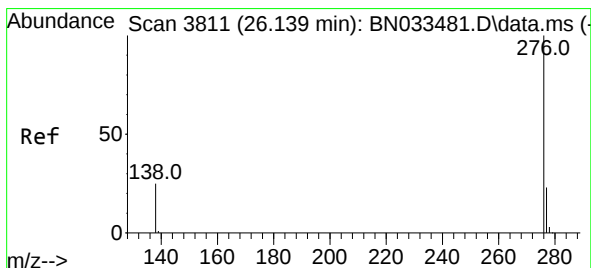
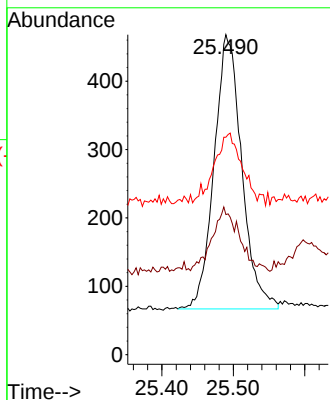
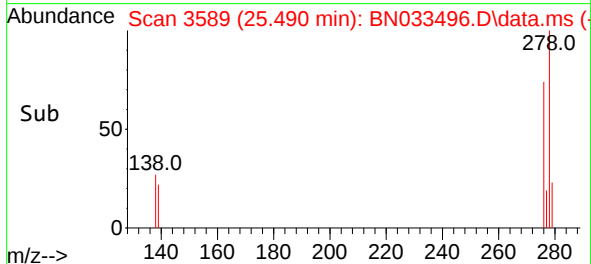


#40
Dibenzo(a,h)anthracene
Concen: 0.074 ng
RT: 25.490 min Scan# 31
Delta R.T. -0.006 min
Lab File: BN033496.D
Acq: 20 Aug 2024 08:59

Instrument :
BNA_N
ClientSampleId :
RW7-SP201-20240814



Tgt Ion:278 Resp: 1076
Ion Ratio Lower Upper
278 100
139 43.8 19.1 28.7#
279 67.9 21.0 31.4#



#41
Benzo(g,h,i)perylene
Concen: 0.075 ng
RT: 26.127 min Scan# 3807
Delta R.T. -0.012 min
Lab File: BN033496.D
Acq: 20 Aug 2024 08:59

Tgt Ion:276 Resp: 1162
Ion Ratio Lower Upper
276 100
277 42.5 19.7 29.5#
138 45.2 21.8 32.6#

