

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081924\
 Data File : BN033499.D
 Acq On : 20 Aug 2024 10:58
 Operator : MA/JU
 Sample : P3650-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP303-20240814

Quant Time: Aug 20 11:38:06 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)

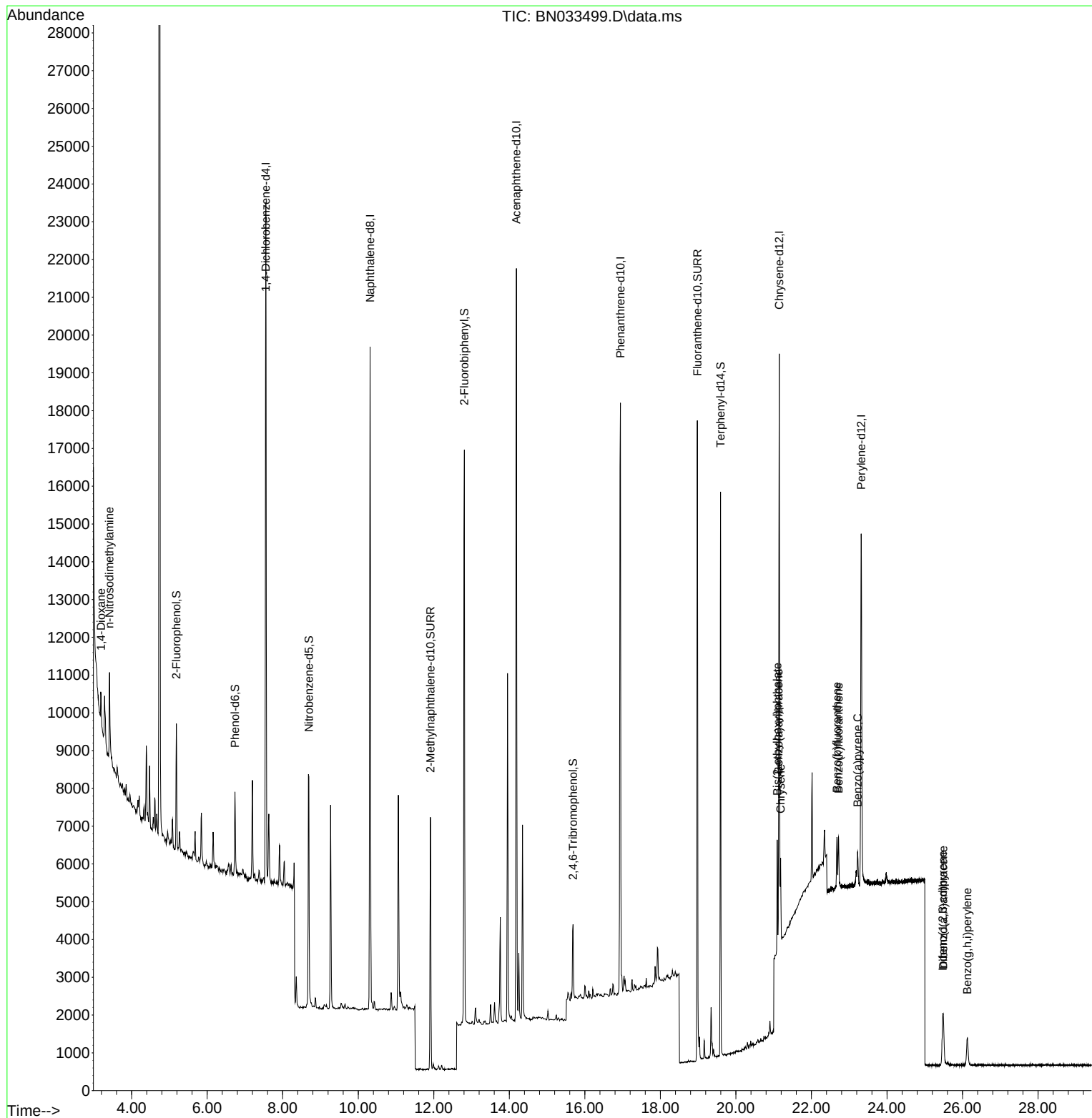
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	8308	0.400	ng	0.00
7) Naphthalene-d8	10.314	136	21989	0.400	ng	# 0.00
13) Acenaphthene-d10	14.189	164	10862	0.400	ng	0.00
19) Phenanthrene-d10	16.942	188	22983	0.400	ng	0.00
29) Chrysene-d12	21.148	240	13365	0.400	ng	0.00
35) Perylene-d12	23.317	264	12335	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	2411	0.091	ng	0.00
5) Phenol-d6	6.736	99	1748	0.056	ng	0.00
8) Nitrobenzene-d5	8.691	82	5071	0.278	ng	0.00
11) 2-Methylnaphthalene-d10	11.911	152	8954	0.285	ng	0.00
14) 2,4,6-Tribromophenol	15.688	330	1259	0.216	ng	0.00
15) 2-Fluorobiphenyl	12.809	172	13483	0.304	ng	0.00
27) Fluoranthene-d10	18.979	212	18508	0.335	ng	0.00
31) Terphenyl-d14	19.593	244	13457	0.443	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.190	88	459	0.048	ng	# 1
3) n-Nitrosodimethylamine	3.414	42	709	0.064	ng	# 1
32) Benzo(a)anthracene	21.130	228	1365	0.028	ng	# 89
33) Chrysene	21.184	228	1668	0.035	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.094	149	3000	0.098	ng	99
36) Indeno(1,2,3-cd)pyrene	25.478	276	1742	0.034	ng	99
37) Benzo(b)fluoranthene	22.674	252	1663	0.036	ng	# 25
38) Benzo(k)fluoranthene	22.715	252	1608	0.035	ng	# 26
39) Benzo(a)pyrene	23.224	252	1172	0.031	ng	# 1
40) Dibenzo(a,h)anthracene	25.490	278	1364	0.033	ng	# 47
41) Benzo(g,h,i)perylene	26.127	276	1450	0.033	ng	# 66

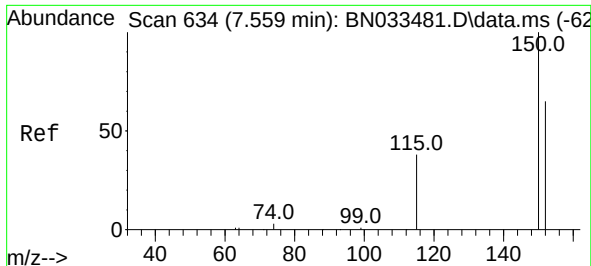
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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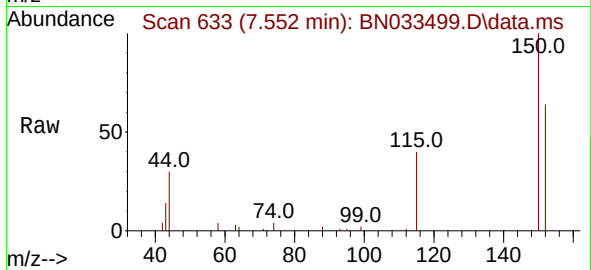
Quant Time: Aug 20 11:38:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
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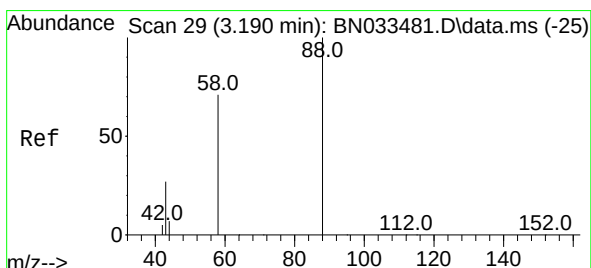
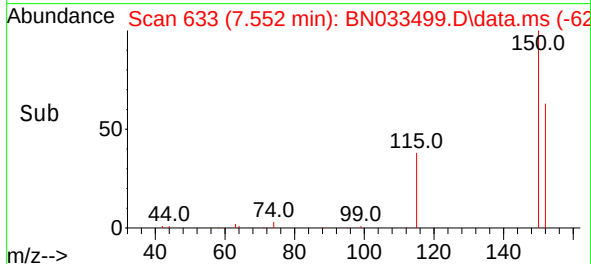
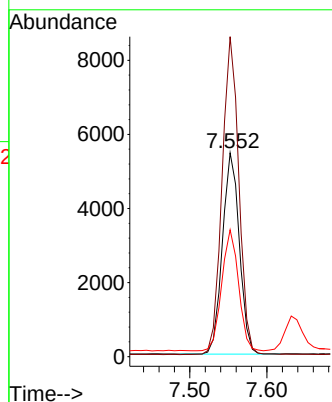
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.552 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN033499.D
 Acq: 20 Aug 2024 10:58

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP303-20240814



Tgt Ion:152 Resp: 8308

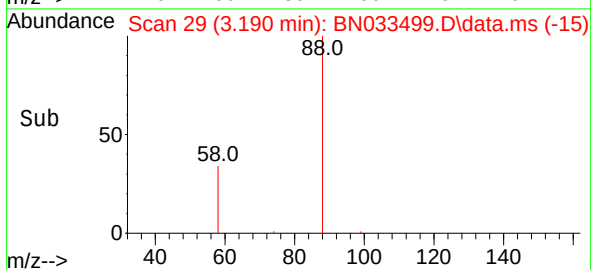
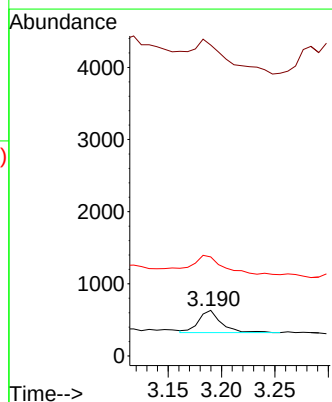
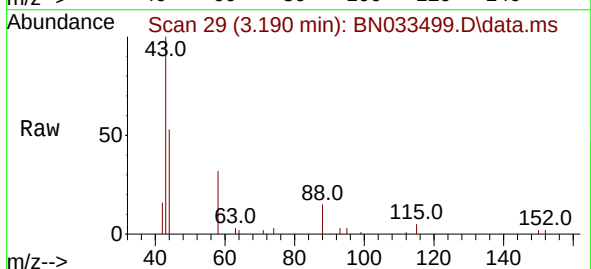
Ion	Ratio	Lower	Upper
152	100		
150	157.0	122.2	183.2
115	62.3	47.2	70.8

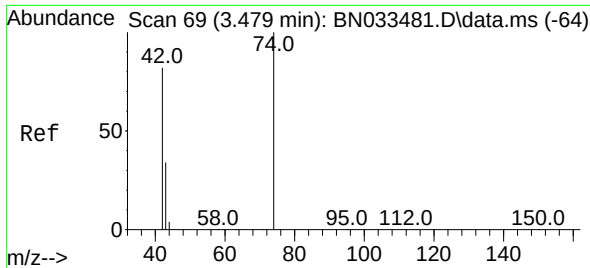


#2
 1,4-Dioxane
 Concen: 0.048 ng
 RT: 3.190 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: BN033499.D
 Acq: 20 Aug 2024 10:58

Tgt Ion: 88 Resp: 459

Ion	Ratio	Lower	Upper
88	100		
43	212.4	25.0	37.4#
58	110.5	62.5	93.7#

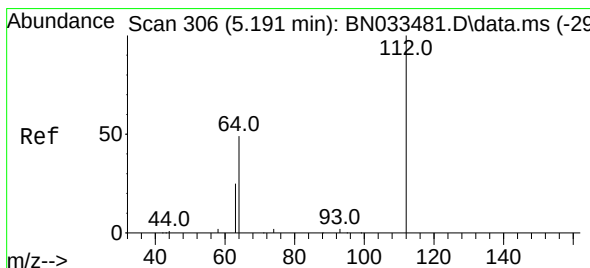
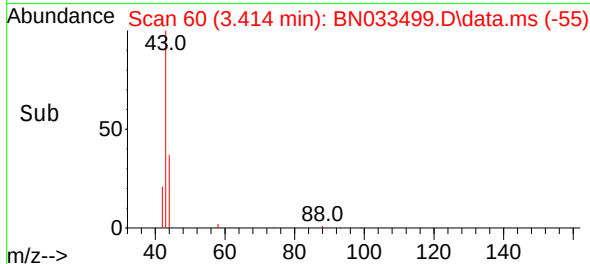
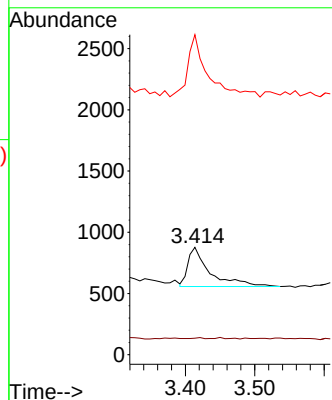
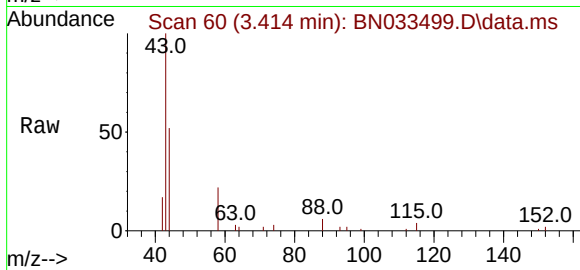




#3
n-Nitrosodimethylamine
Concen: 0.064 ng
RT: 3.414 min Scan# 60
Delta R.T. -0.065 min
Lab File: BN033499.D
Acq: 20 Aug 2024 10:58

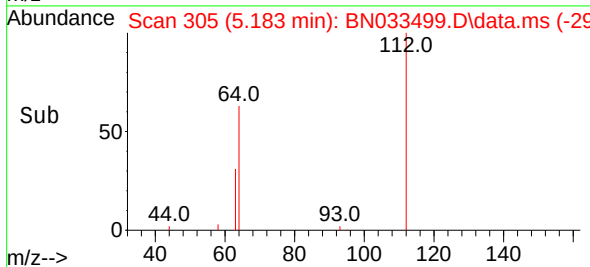
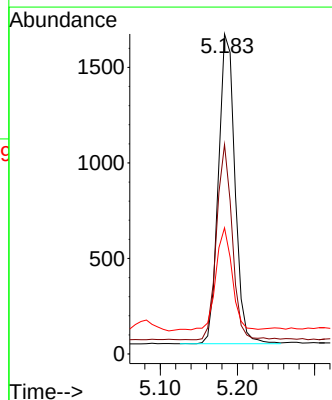
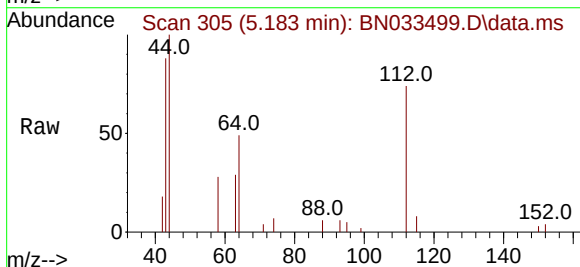
Instrument :
BNA_N
ClientSampleId :
RW7-SP303-20240814

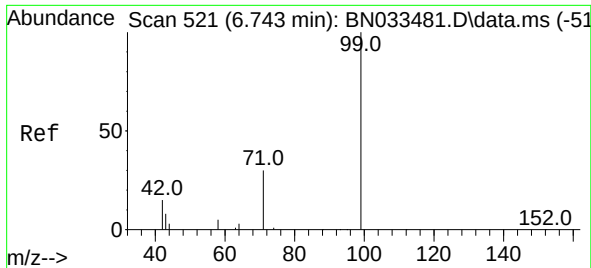
Tgt Ion: 42 Resp: 709
Ion Ratio Lower Upper
42 100
74 0.7 100.2 150.2#
44 137.0 5.3 7.9#



#4
2-Fluorophenol
Concen: 0.091 ng
RT: 5.183 min Scan# 305
Delta R.T. -0.007 min
Lab File: BN033499.D
Acq: 20 Aug 2024 10:58

Tgt Ion: 112 Resp: 2411
Ion Ratio Lower Upper
112 100
64 59.4 47.1 70.7
63 33.6 24.9 37.3

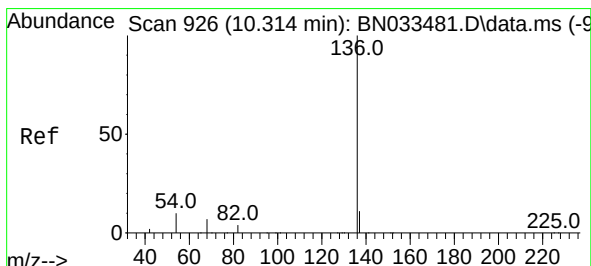
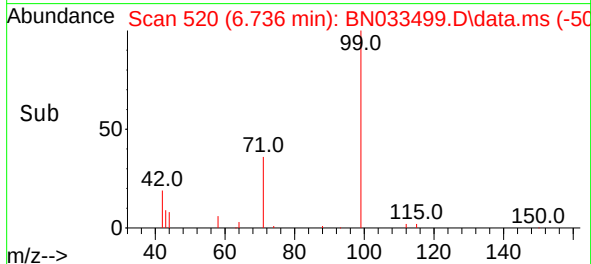
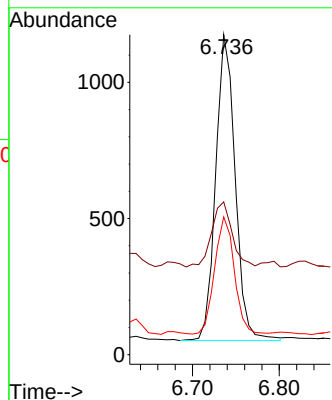
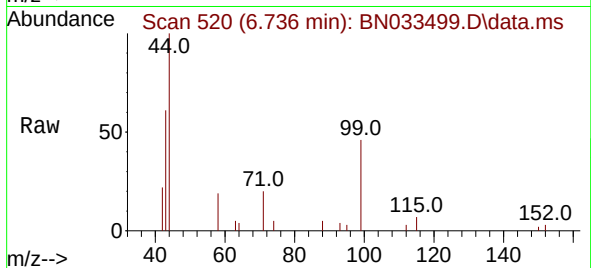




#5
Phenol-d6
Concen: 0.056 ng
RT: 6.736 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN033499.D
Acq: 20 Aug 2024 10:58

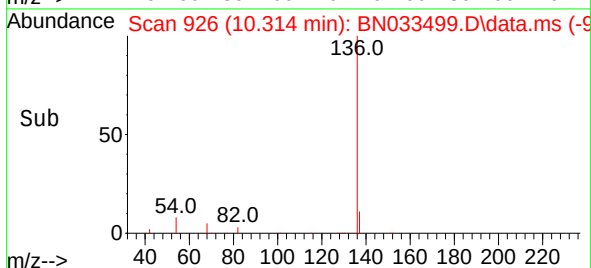
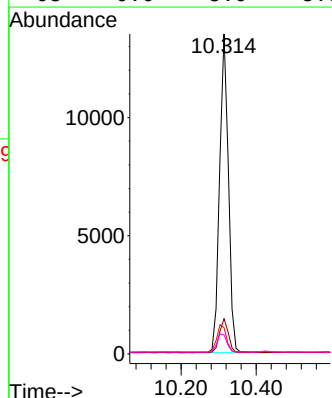
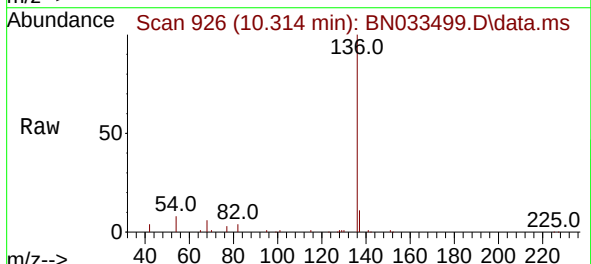
Instrument :
BNA_N
ClientSampleId :
RW7-SP303-20240814

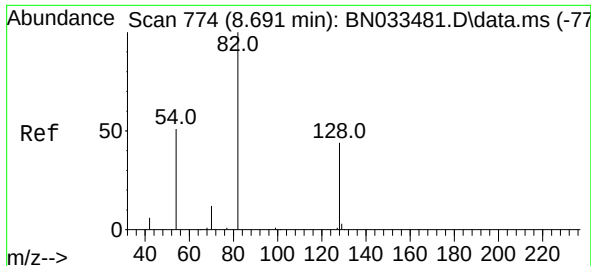
Tgt Ion:	99	Resp:	1748
Ion Ratio	Lower	Upper	
99	100		
42	22.4	16.6	24.8
71	38.7	26.2	39.4



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.314 min Scan# 926
Delta R.T. -0.000 min
Lab File: BN033499.D
Acq: 20 Aug 2024 10:58

Tgt Ion:	136	Resp:	21989
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.0	13.6
54	8.3	8.3	12.5#
68	6.0	5.9	8.9

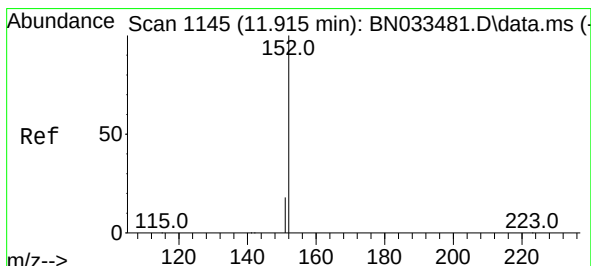
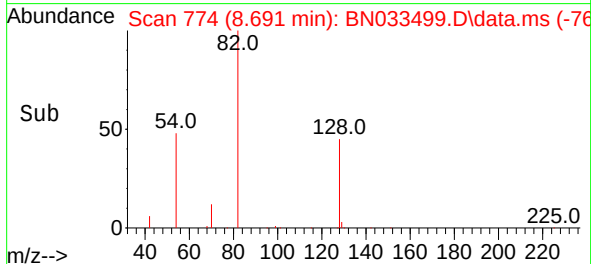
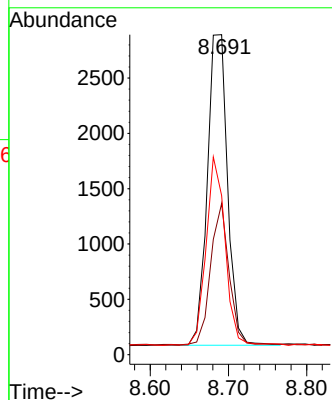
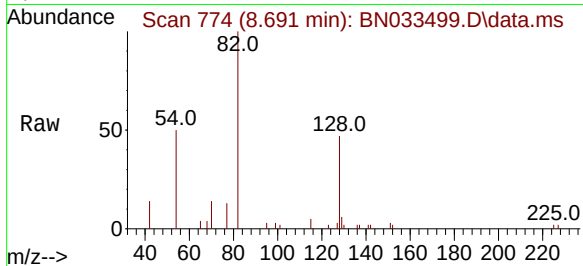




#8
Nitrobenzene-d5
Concen: 0.278 ng
RT: 8.691 min Scan# 774
Delta R.T. -0.000 min
Lab File: BN033499.D
Acq: 20 Aug 2024 10:58

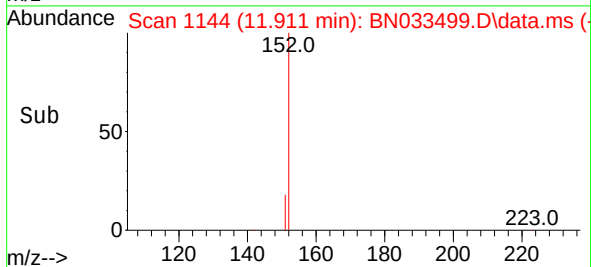
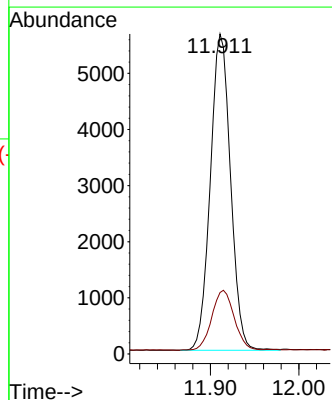
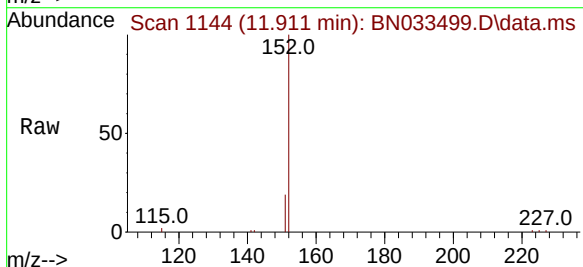
Instrument :
BNA_N
ClientSampleId :
RW7-SP303-20240814

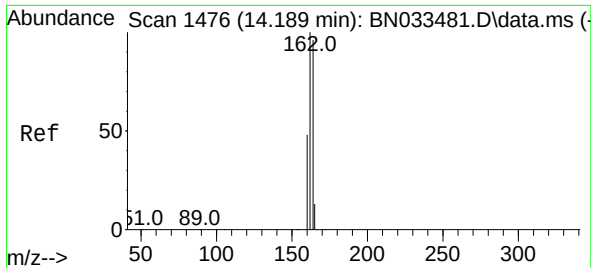
Tgt Ion: 82 Resp: 5071
Ion Ratio Lower Upper
82 100
128 47.3 36.0 54.0
54 49.7 42.0 63.0



#11
2-Methylnaphthalene-d10
Concen: 0.285 ng
RT: 11.911 min Scan# 1144
Delta R.T. -0.004 min
Lab File: BN033499.D
Acq: 20 Aug 2024 10:58

Tgt Ion: 152 Resp: 8954
Ion Ratio Lower Upper
152 100
151 21.0 16.6 25.0

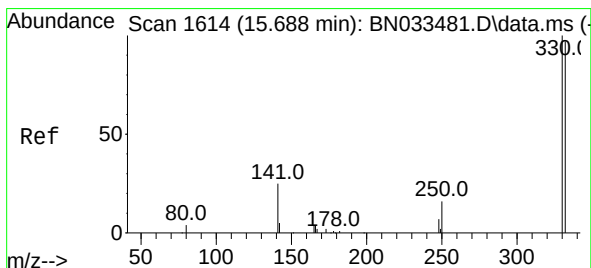
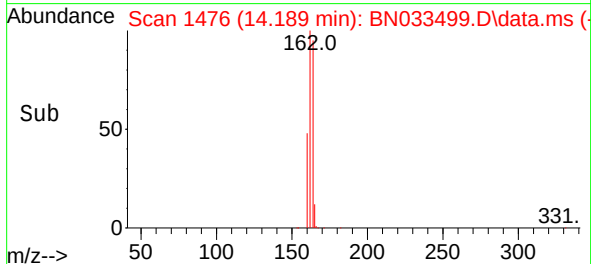
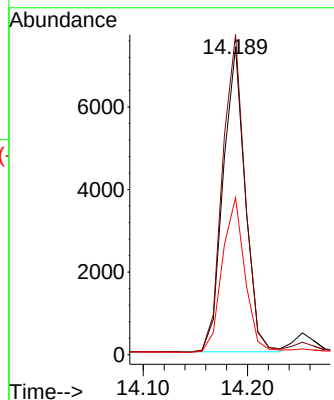
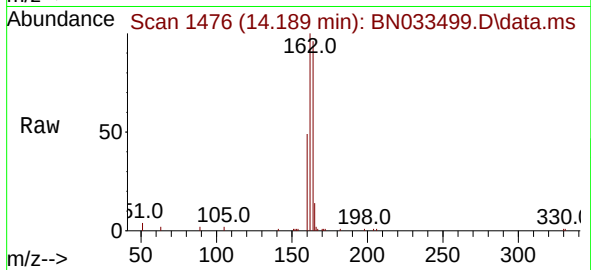




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.189 min Scan# 1476
Delta R.T. -0.000 min
Lab File: BN033499.D
Acq: 20 Aug 2024 10:58

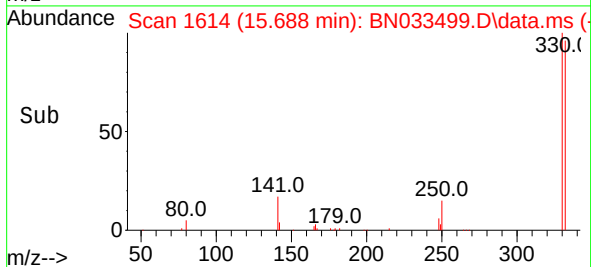
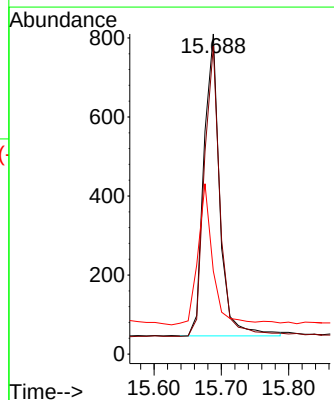
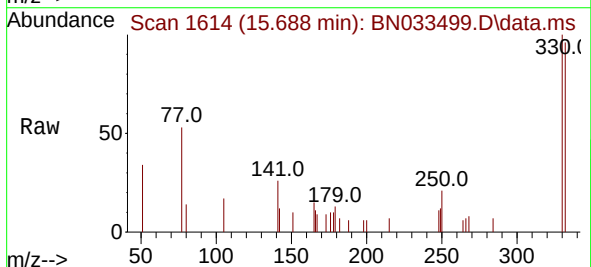
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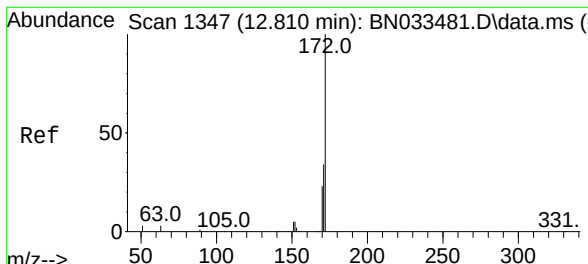
Tgt Ion:164 Resp: 10862
Ion Ratio Lower Upper
164 100
162 104.0 83.5 125.3
160 51.0 40.2 60.4



#14
2,4,6-Tribromophenol
Concen: 0.216 ng
RT: 15.688 min Scan# 1614
Delta R.T. -0.000 min
Lab File: BN033499.D
Acq: 20 Aug 2024 10:58

Tgt Ion:330 Resp: 1259
Ion Ratio Lower Upper
330 100
332 94.9 77.5 116.3
141 44.8 33.9 50.9

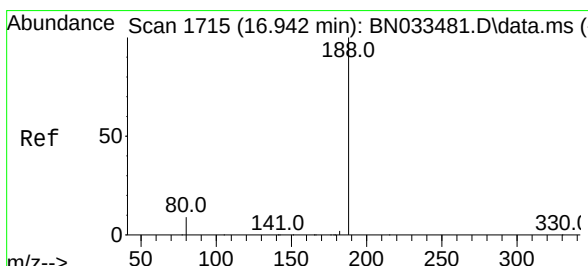
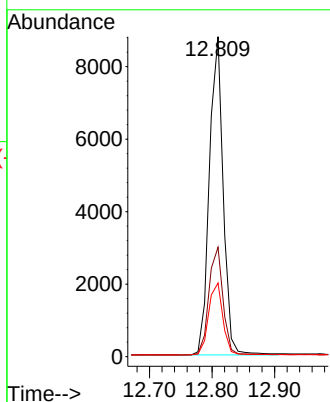
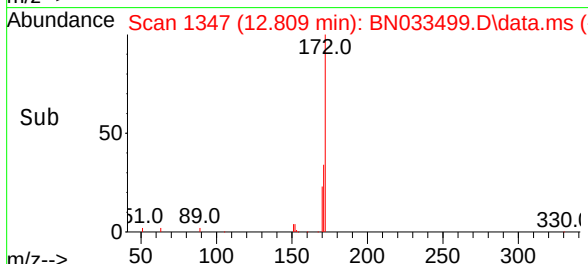
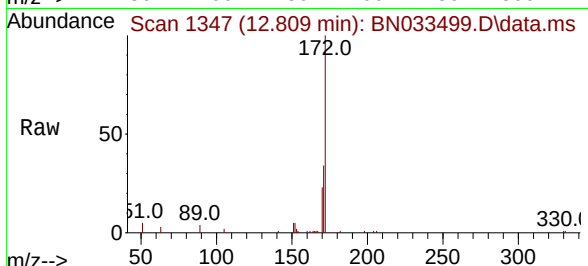




#15
2-Fluorobiphenyl
Concen: 0.304 ng
RT: 12.809 min Scan# 1347
Delta R.T. -0.000 min
Lab File: BN033499.D
Acq: 20 Aug 2024 10:58

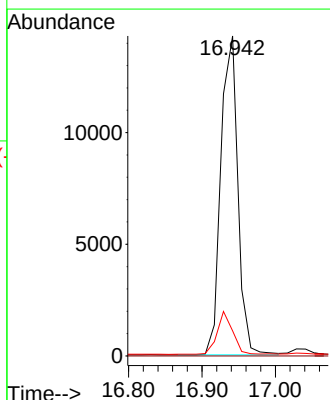
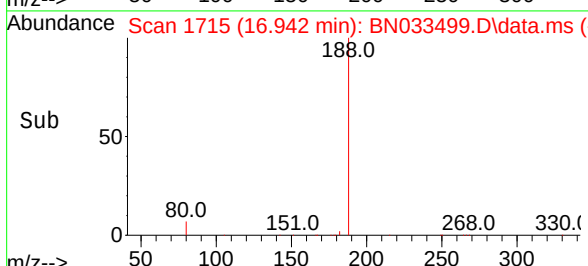
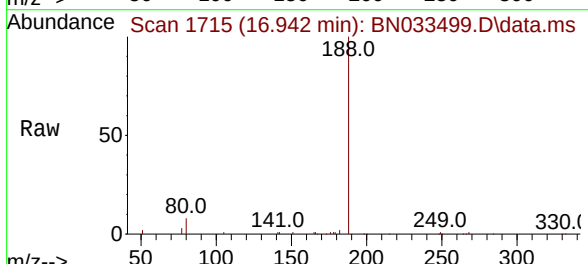
Instrument : BNA_N
ClientSampleId : RW7-SP303-20240814

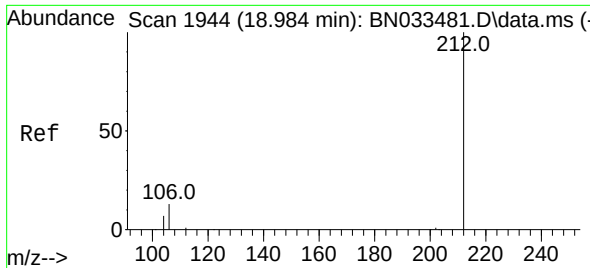
Tgt Ion:	172	Resp:	13483
Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.7	41.5
170	23.0	18.3	27.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.942 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BN033499.D
Acq: 20 Aug 2024 10:58

Tgt Ion:	188	Resp:	22983
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.8	7.8	11.8

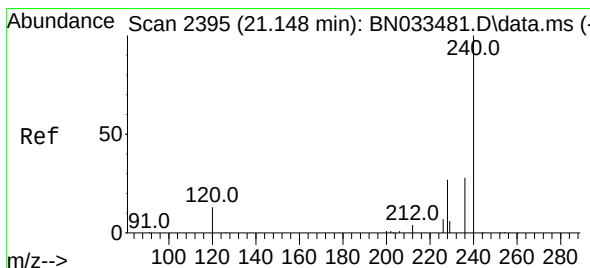
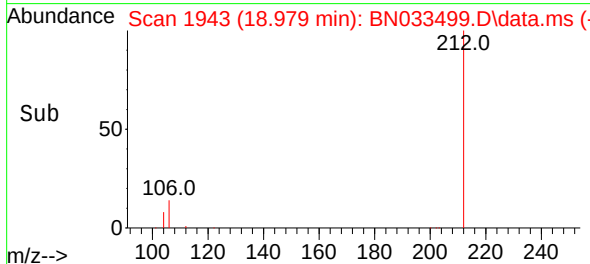
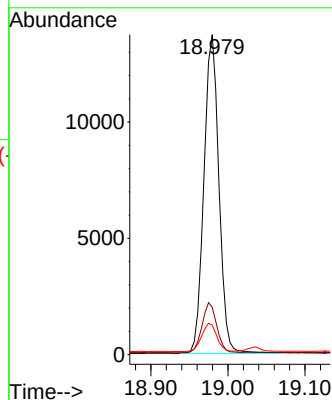
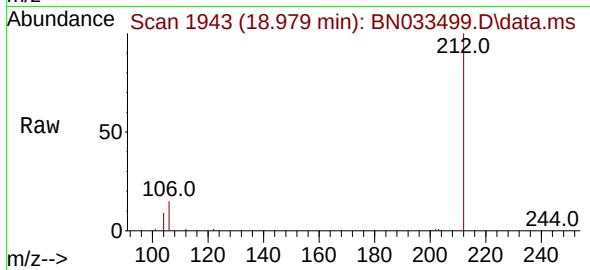




#27
Fluoranthene-d10
Concen: 0.335 ng
RT: 18.979 min Scan# 1943
Delta R.T. -0.005 min
Lab File: BN033499.D
Acq: 20 Aug 2024 10:58

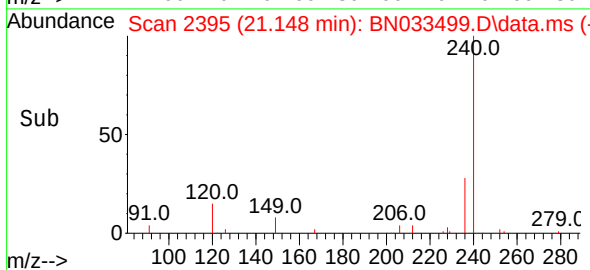
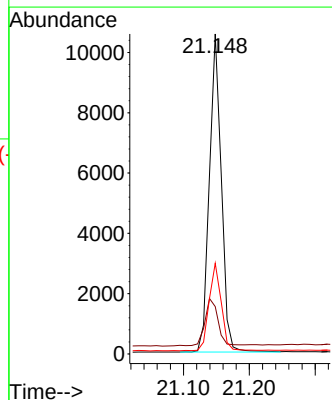
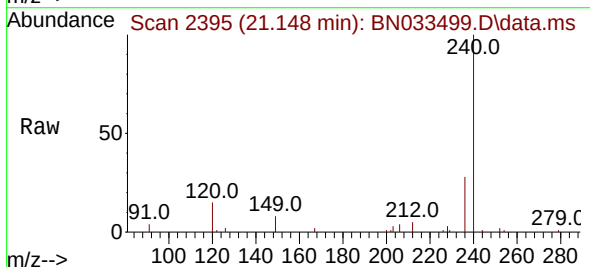
Instrument :
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ClientSampleId :
RW7-SP303-20240814

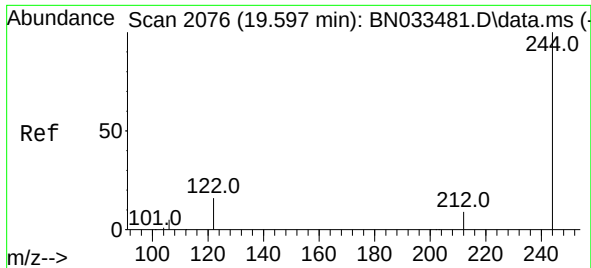
Tgt Ion:212 Resp: 18508
Ion Ratio Lower Upper
212 100
106 15.4 12.3 18.5
104 9.0 7.0 10.4



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.148 min Scan# 2395
Delta R.T. -0.000 min
Lab File: BN033499.D
Acq: 20 Aug 2024 10:58

Tgt Ion:240 Resp: 13365
Ion Ratio Lower Upper
240 100
120 14.8 12.4 18.6
236 28.4 23.0 34.6

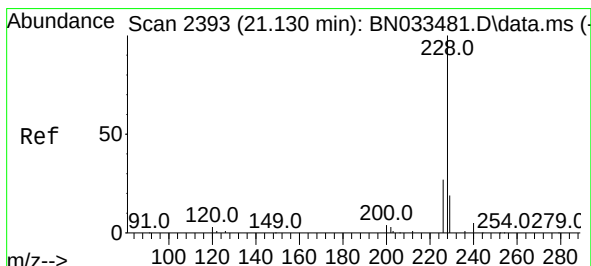
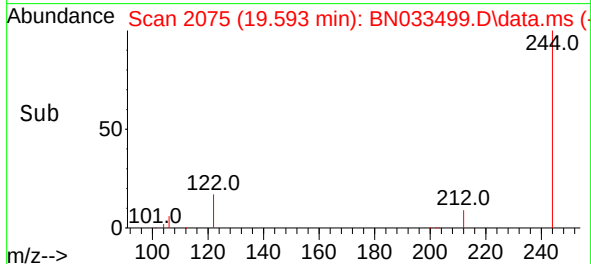
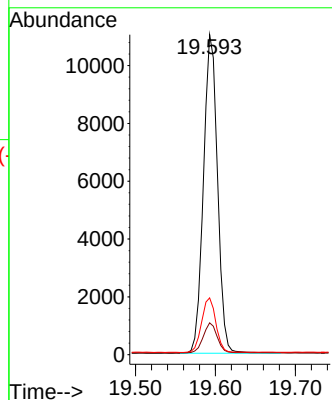
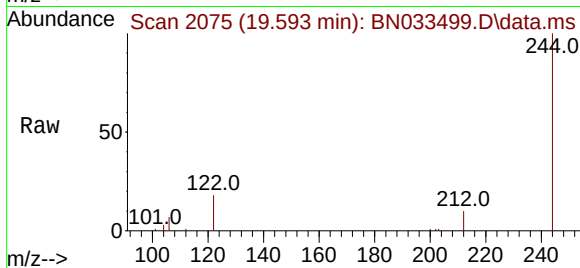




#31
Terphenyl-d14
Concen: 0.443 ng
RT: 19.593 min Scan# 2076
Delta R.T. -0.005 min
Lab File: BN033499.D
Acq: 20 Aug 2024 10:58

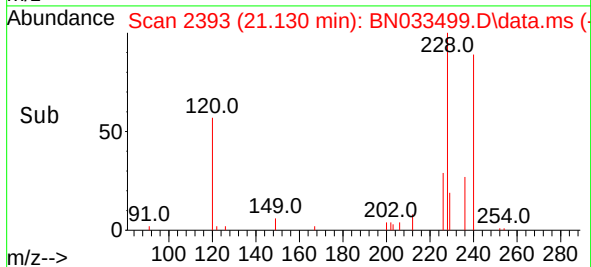
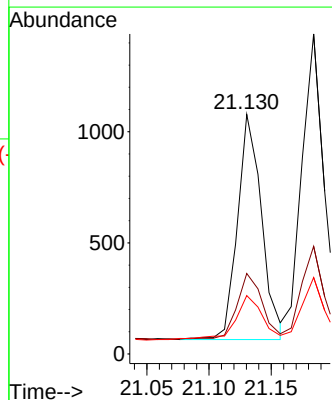
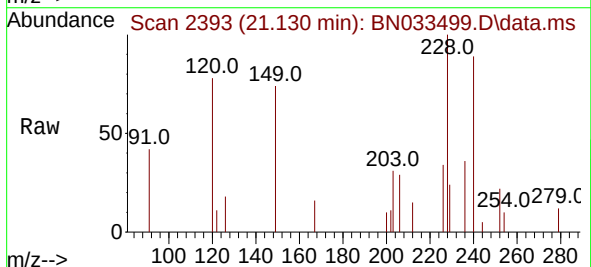
Instrument :
BNA_N
ClientSampleId :
RW7-SP303-20240814

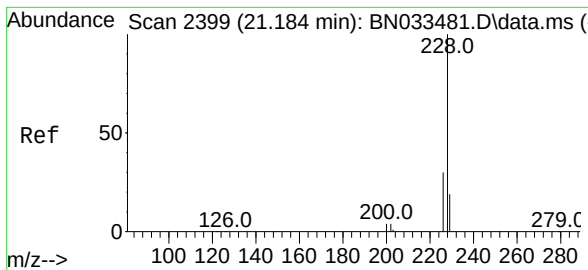
Tgt Ion:244 Resp: 13457
Ion Ratio Lower Upper
244 100
212 9.9 7.8 11.6
122 17.8 13.3 19.9



#32
Benzo(a)anthracene
Concen: 0.028 ng
RT: 21.130 min Scan# 2393
Delta R.T. -0.000 min
Lab File: BN033499.D
Acq: 20 Aug 2024 10:58

Tgt Ion:228 Resp: 1365
Ion Ratio Lower Upper
228 100
226 33.6 21.8 32.6#
229 24.4 15.8 23.6#





#33

Chrysene

Concen: 0.035 ng

RT: 21.184 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN033499.D

Acq: 20 Aug 2024 10:58

Instrument :

BNA_N

ClientSampleId :

RW7-SP303-20240814

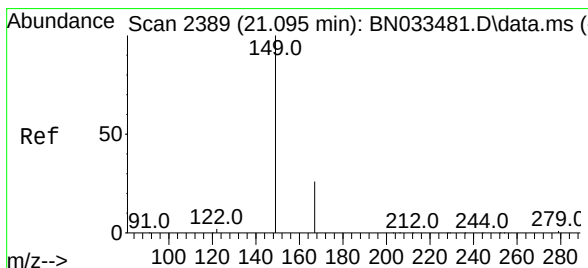
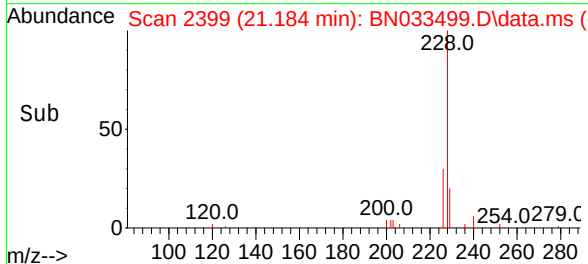
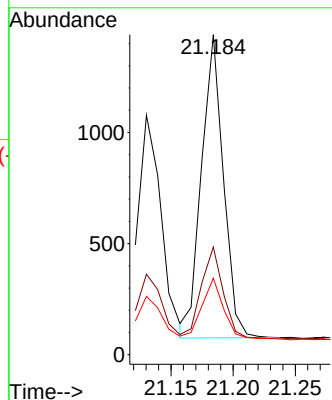
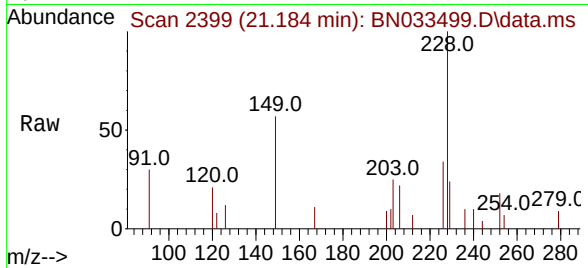
Tgt Ion:228 Resp: 1668

Ion Ratio Lower Upper

228 100

226 33.7 23.8 35.8

229 23.9 15.6 23.4#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.098 ng

RT: 21.094 min Scan# 2389

Delta R.T. -0.000 min

Lab File: BN033499.D

Acq: 20 Aug 2024 10:58

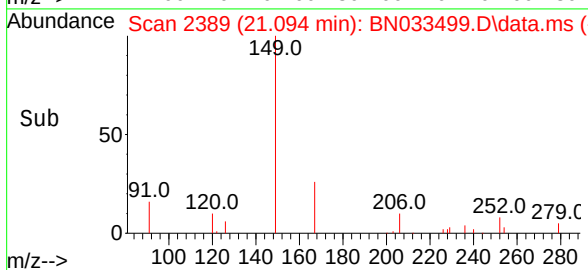
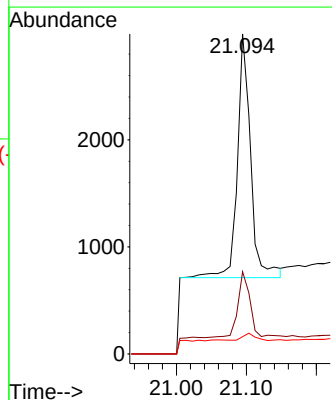
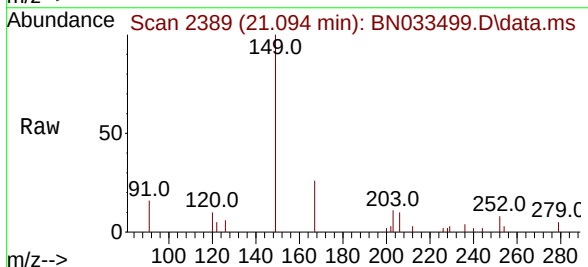
Tgt Ion:149 Resp: 3000

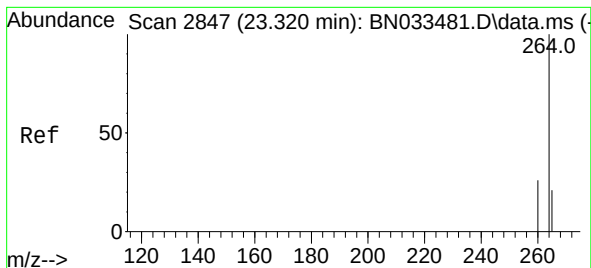
Ion Ratio Lower Upper

149 100

167 27.4 21.5 32.3

279 2.5 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: BN033499.D

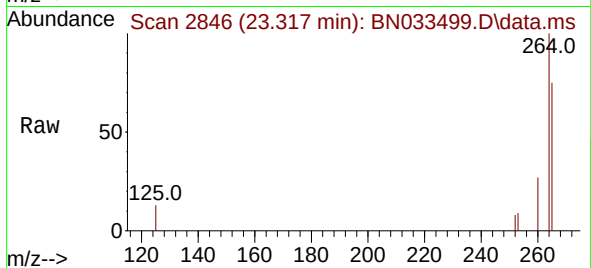
Acq: 20 Aug 2024 10:58

Instrument :

BNA_N

ClientSampleId :

RW7-SP303-20240814



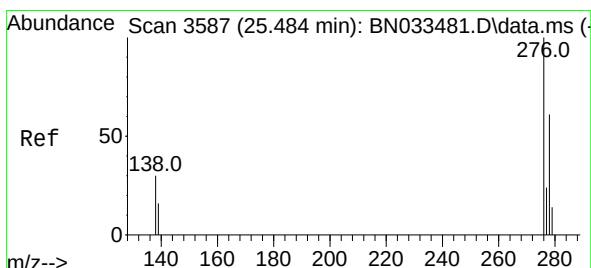
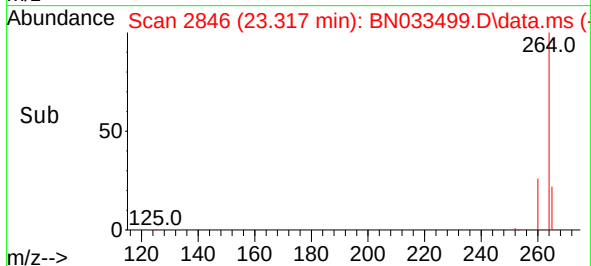
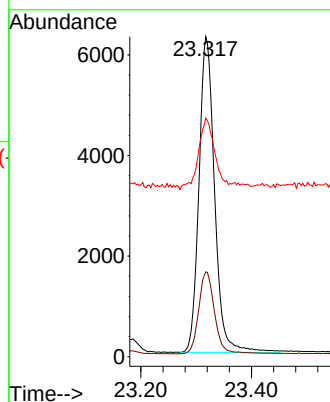
Tgt Ion:264 Resp: 12335

Ion Ratio Lower Upper

264 100

260 26.5 20.8 31.2

265 74.6 52.2 78.2



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.034 ng

RT: 25.478 min Scan# 3585

Delta R.T. -0.006 min

Lab File: BN033499.D

Acq: 20 Aug 2024 10:58

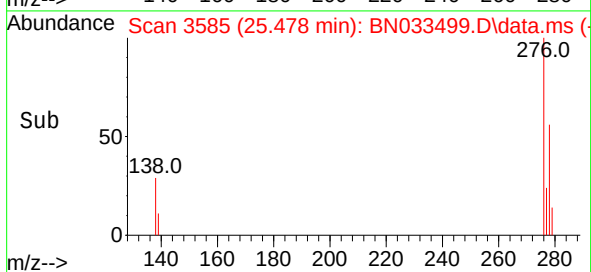
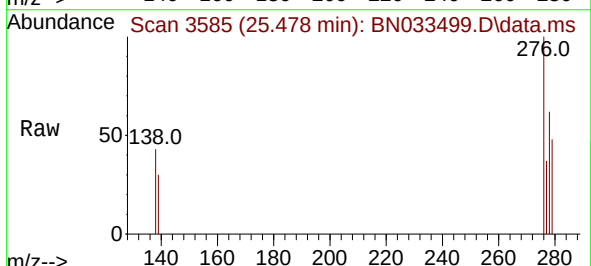
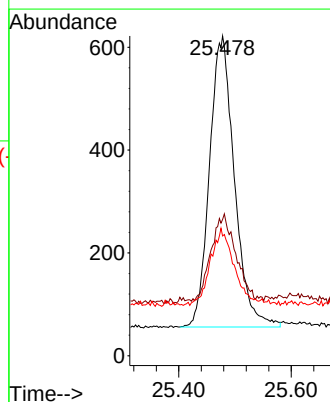
Tgt Ion:276 Resp: 1742

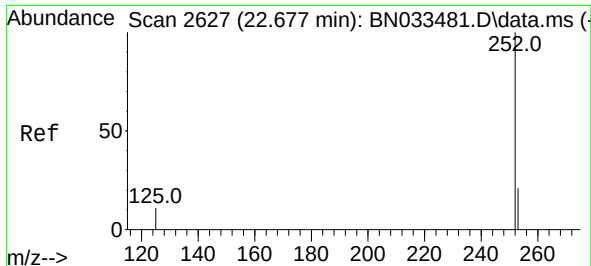
Ion Ratio Lower Upper

276 100

138 30.1 24.4 36.6

277 25.1 19.8 29.6





#37

Benzo(b)fluoranthene

Concen: 0.036 ng

RT: 22.674 min Scan# 2627

Delta R.T. -0.003 min

Lab File: BN033499.D

Acq: 20 Aug 2024 10:58

Instrument :

BNA_N

ClientSampleId :

RW7-SP303-20240814

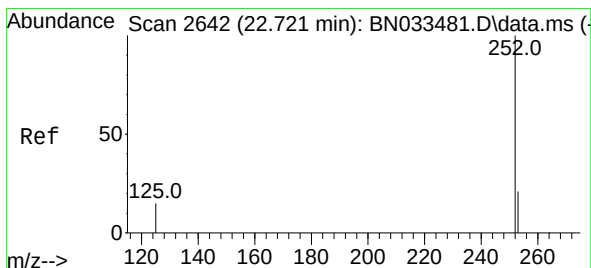
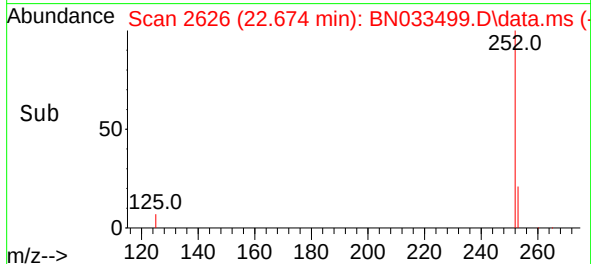
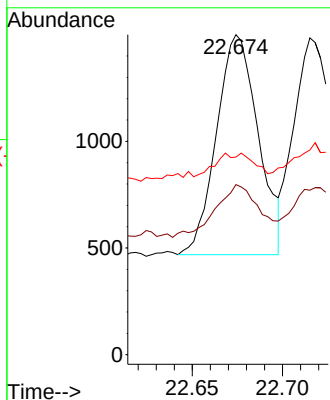
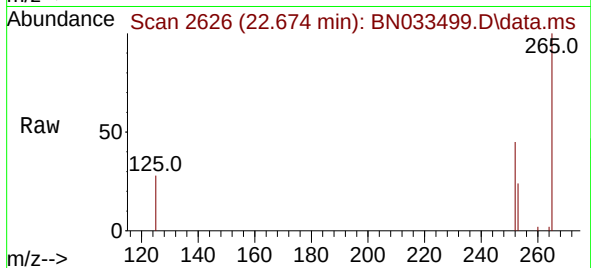
Tgt Ion:252 Resp: 1663

Ion Ratio Lower Upper

252 100

253 53.1 19.8 29.8#

125 61.7 13.9 20.9#



#38

Benzo(k)fluoranthene

Concen: 0.035 ng

RT: 22.715 min Scan# 2640

Delta R.T. -0.006 min

Lab File: BN033499.D

Acq: 20 Aug 2024 10:58

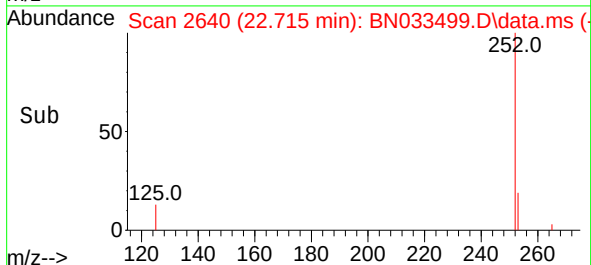
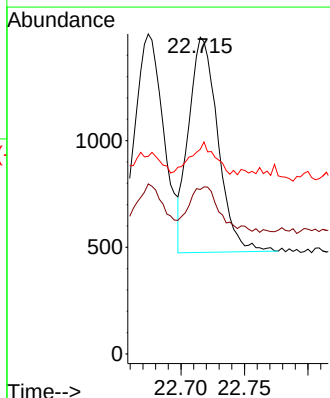
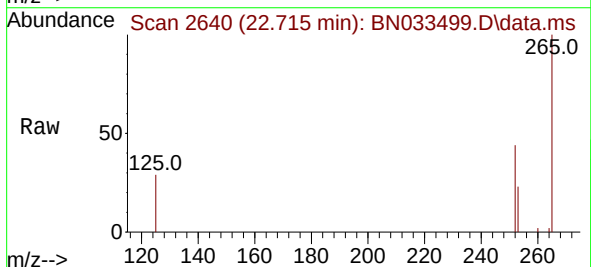
Tgt Ion:252 Resp: 1608

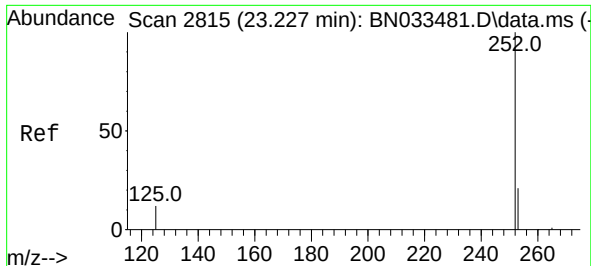
Ion Ratio Lower Upper

252 100

253 51.9 19.8 29.8#

125 64.6 15.8 23.8#





#39

Benzo(a)pyrene

Concen: 0.031 ng

RT: 23.224 min Scan# 21

Delta R.T. -0.003 min

Lab File: BN033499.D

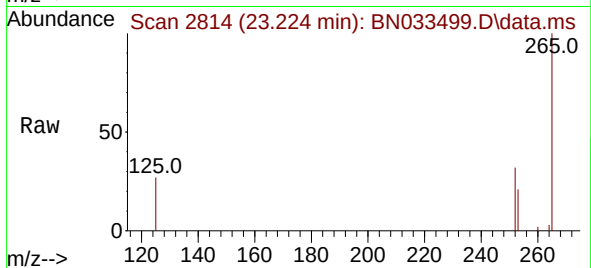
Acq: 20 Aug 2024 10:58

Instrument :

BNA_N

ClientSampleId :

RW7-SP303-20240814



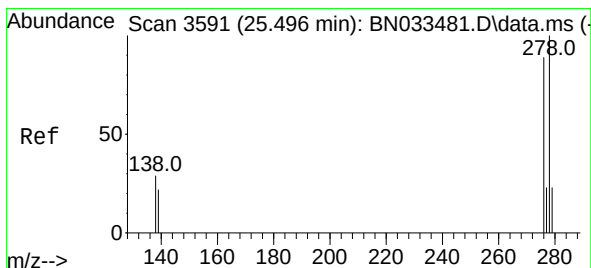
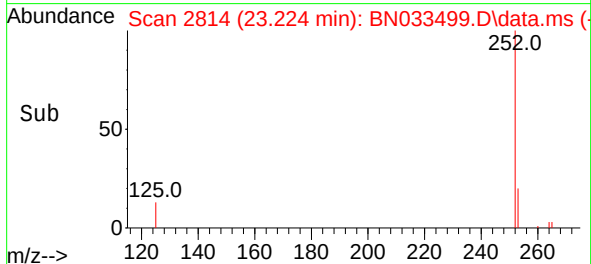
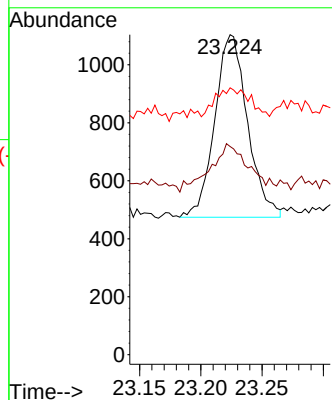
Tgt Ion:252 Resp: 1172

Ion Ratio Lower Upper

252 100

253 65.0 21.5 32.3#

125 83.4 17.0 25.4#



#40

Dibenzo(a,h)anthracene

Concen: 0.033 ng

RT: 25.490 min Scan# 3589

Delta R.T. -0.006 min

Lab File: BN033499.D

Acq: 20 Aug 2024 10:58

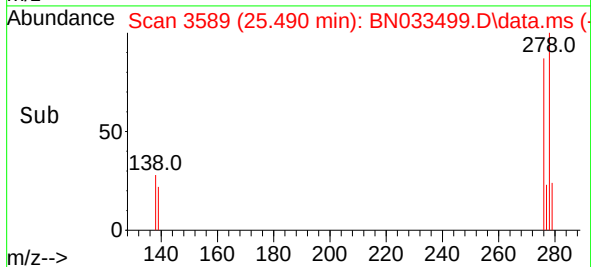
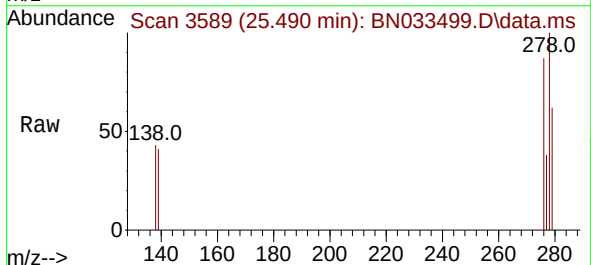
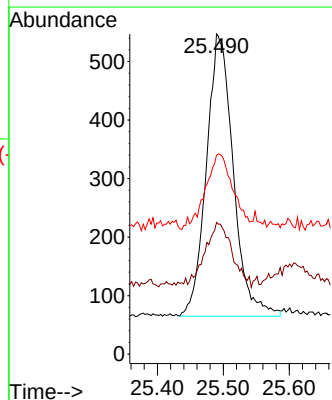
Tgt Ion:278 Resp: 1364

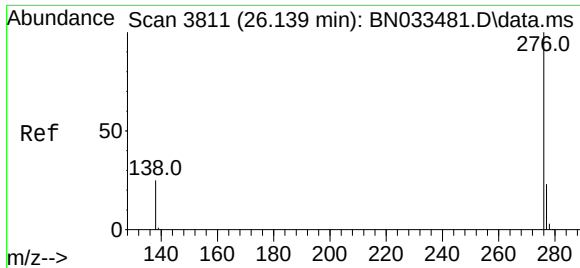
Ion Ratio Lower Upper

278 100

139 41.1 19.1 28.7#

279 62.2 21.0 31.4#





#41

Benzo(g,h,i)perylene

Concen: 0.033 ng

RT: 26.127 min Scan# 3807

Delta R.T. -0.012 min

Lab File: BN033499.D

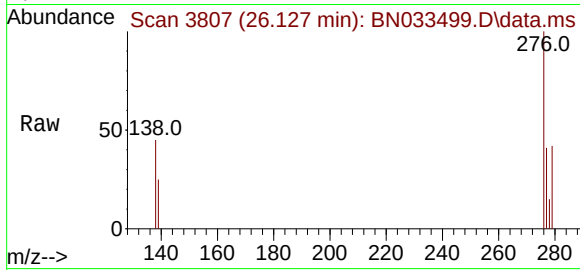
Acq: 20 Aug 2024 10:58

Instrument :

BNA_N

ClientSampleId :

RW7-SP303-20240814



Tgt Ion:276 Resp: 1450

Ion Ratio Lower Upper

276 100

277 41.3 19.7 29.5#

138 44.6 21.8 32.6#

