

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

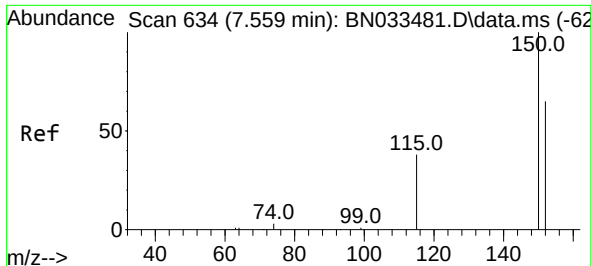
Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP303-20240814

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)

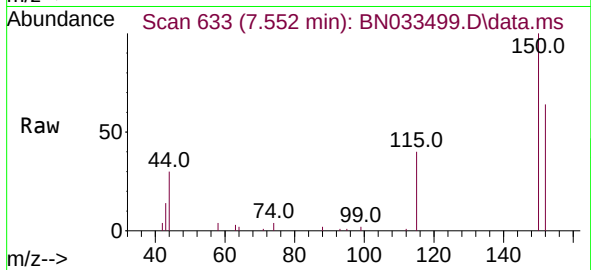
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	8308	0.400	ng	0.00
7) Naphthalene-d8	10.314	136	21989	0.400	ng	# 0.00
13) Acenaphthene-d10	14.189	164	10862	0.400	ng	0.00
19) Phenanthrene-d10	16.942	188	22983	0.400	ng	0.00
29) Chrysene-d12	21.148	240	13365	0.400	ng	0.00
35) Perylene-d12	23.317	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
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

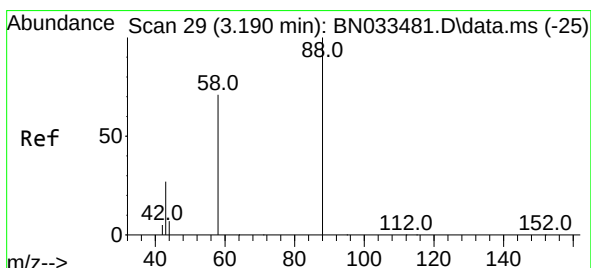
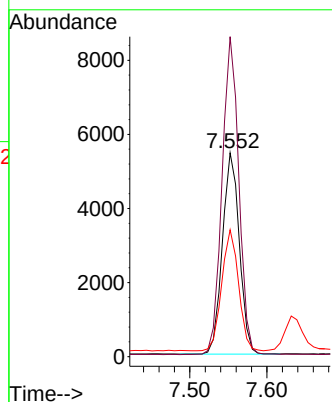
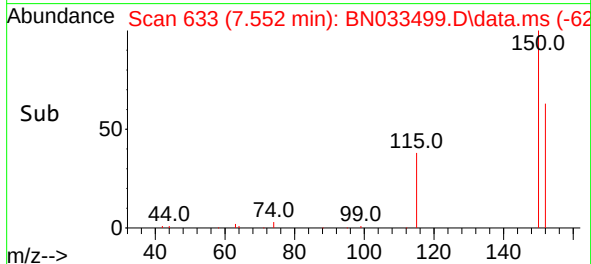


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.552 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN033499.D
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ClientSampleId :
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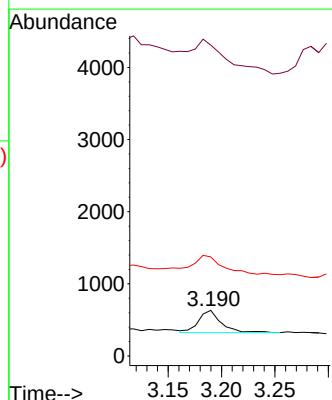
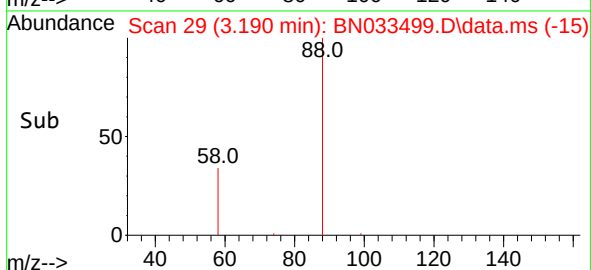
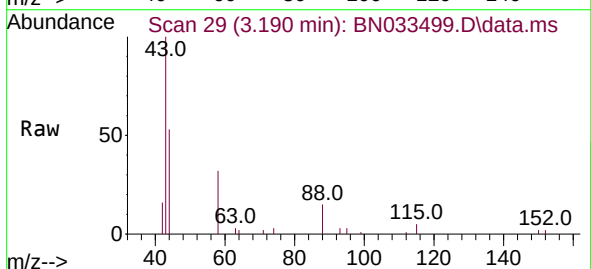


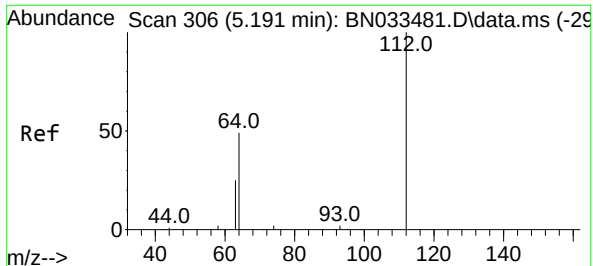
Tgt Ion:152 Resp: 8308
Ion Ratio Lower Upper
152 100
150 157.0 122.2 183.2
115 62.3 47.2 70.8



#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#

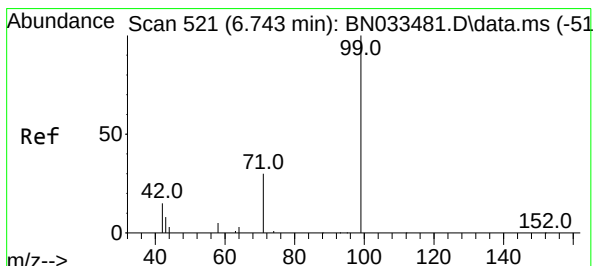
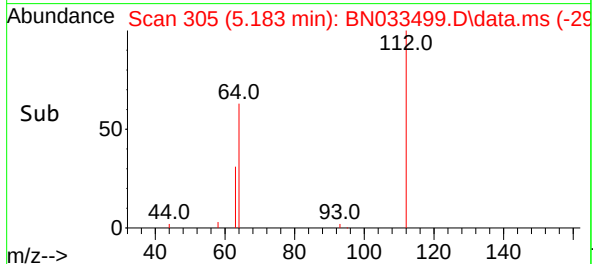
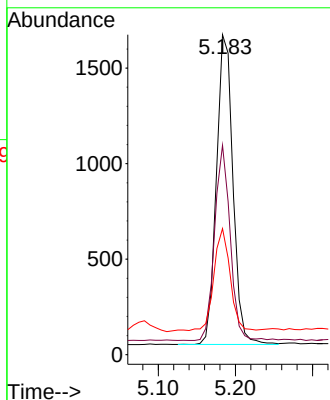
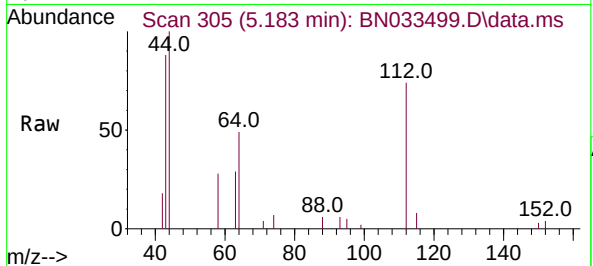




#4
2-Fluorophenol
Concen: 0.091 ng
RT: 5.183 min Scan# 305
Delta R.T. -0.007 min
Lab File: BN033499.D
Acq: 20 Aug 2024 10:58

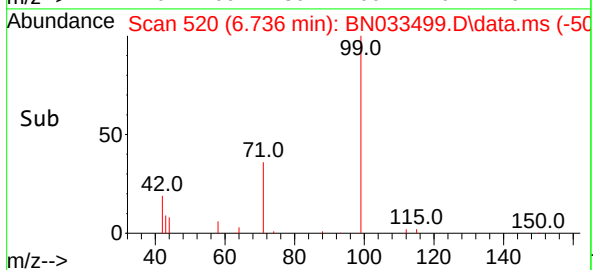
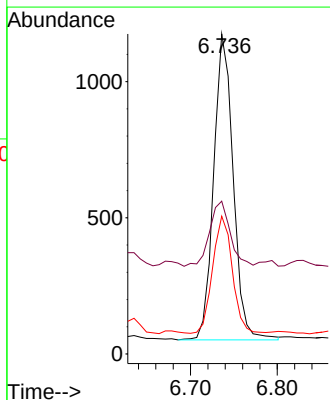
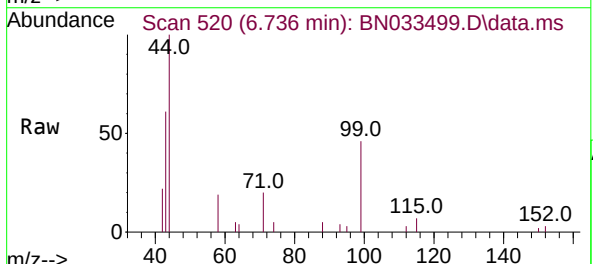
Instrument :
BNA_N
ClientSampleId :
RW7-SP303-20240814

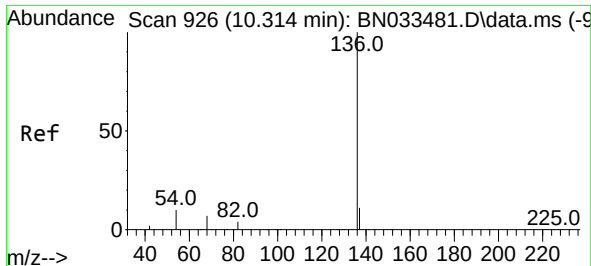
Tgt Ion:112 Resp: 2411
Ion Ratio Lower Upper
112 100
64 59.4 47.1 70.7
63 33.6 24.9 37.3



#5
Phenol-d6
Concen: 0.056 ng
RT: 6.736 min Scan# 520
Delta R.T. -0.007 min
Lab File: BN033499.D
Acq: 20 Aug 2024 10:58

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

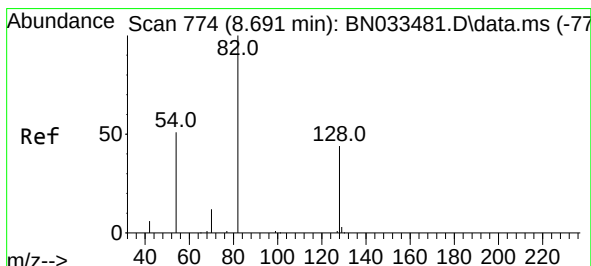
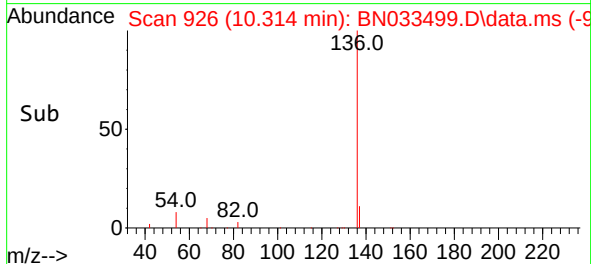
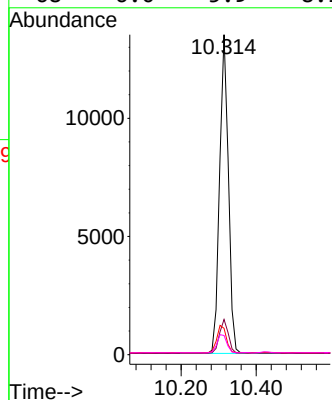
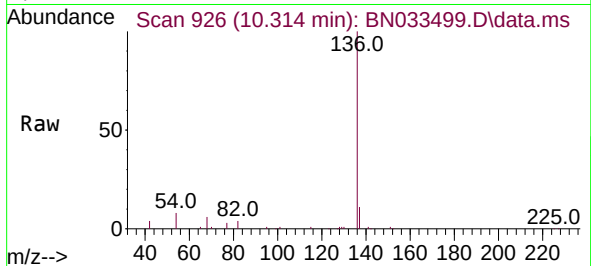




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.314 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN033499.D
Acq: 20 Aug 2024 10:58

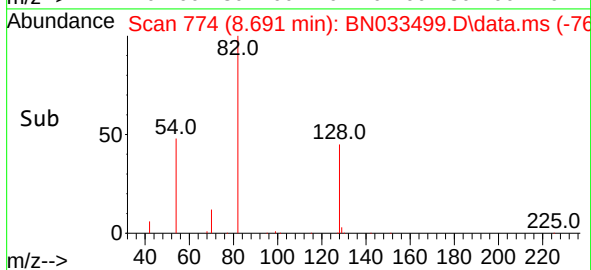
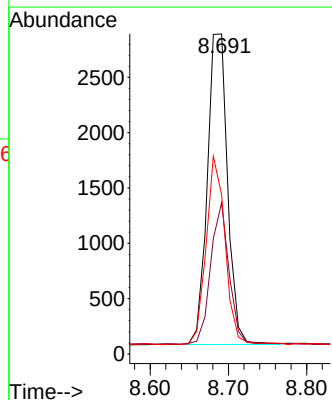
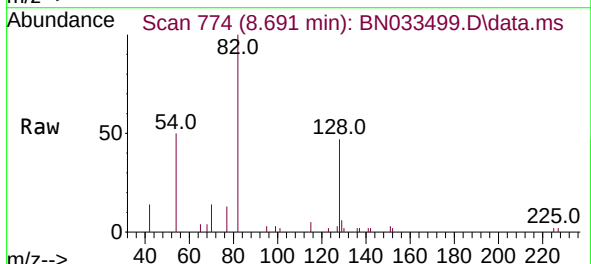
Instrument :
BNA_N
ClientSampleId :
RW7-SP303-20240814

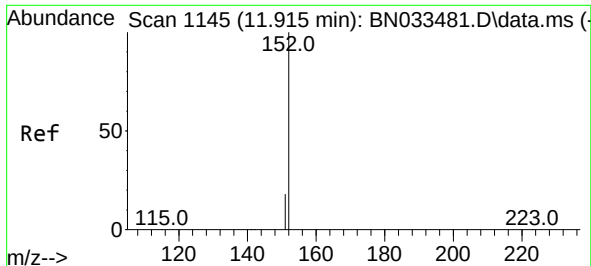
Tgt Ion:	136	Resp:	21989
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.0	13.6
54	8.3	8.3	12.5
68	6.0	5.9	8.9



#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

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

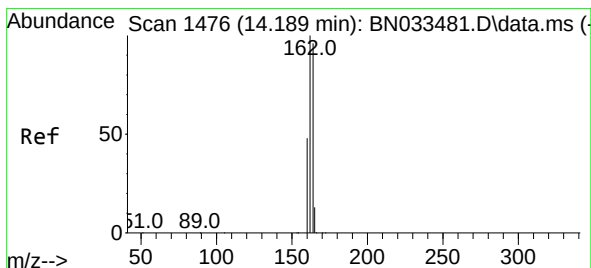
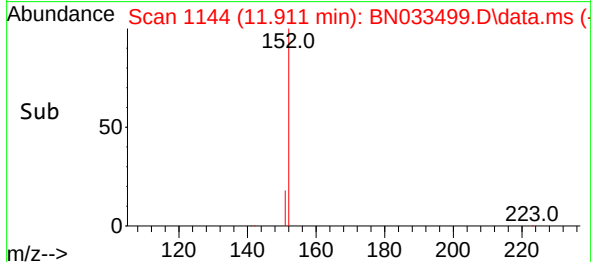
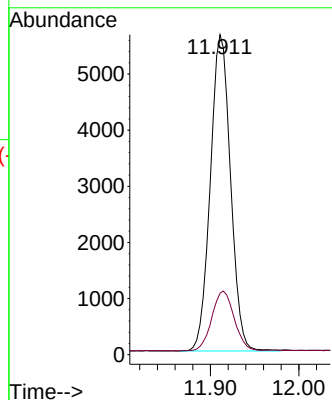
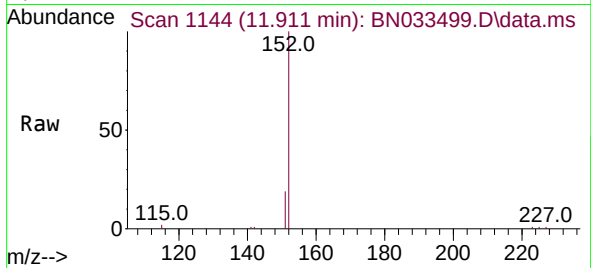




#11
2-Methylnaphthalene-d10
Concen: 0.285 ng
RT: 11.911 min Scan# 1144
Delta R.T. -0.004 min
Lab File: BN033499.D
Acq: 20 Aug 2024 10:58

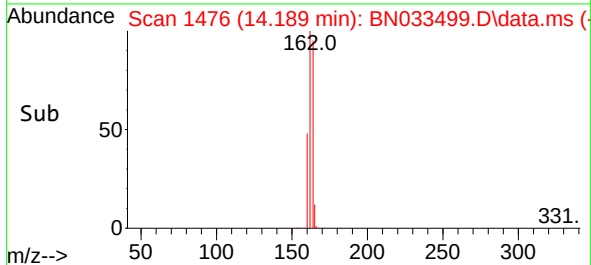
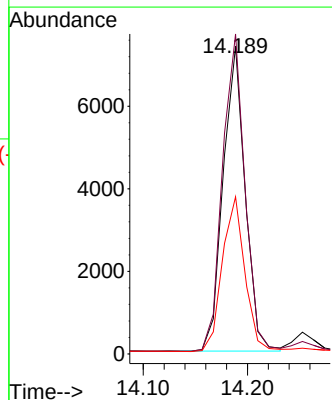
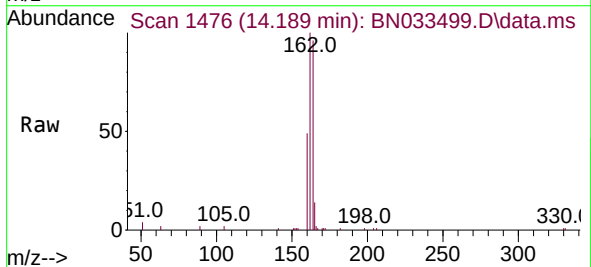
Instrument :
BNA_N
ClientSampleId :
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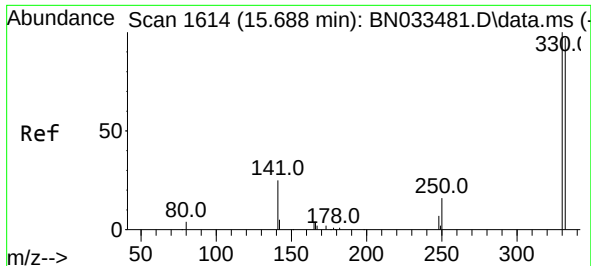
Tgt Ion:152 Resp: 8954
Ion Ratio Lower Upper
152 100
151 21.0 16.6 25.0



#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

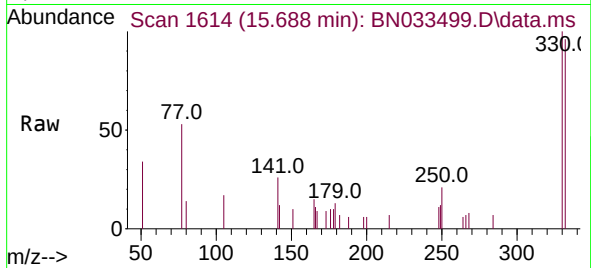
Tgt Ion:164 Resp: 10862
Ion Ratio Lower Upper
164 100
162 104.0 83.5 125.3
160 51.0 40.2 60.4



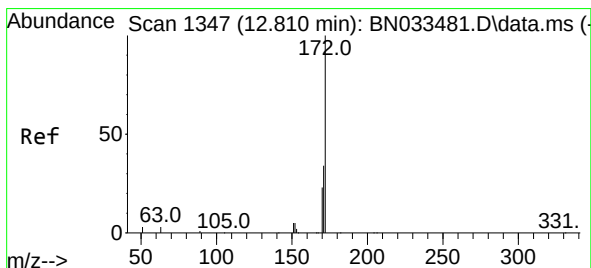
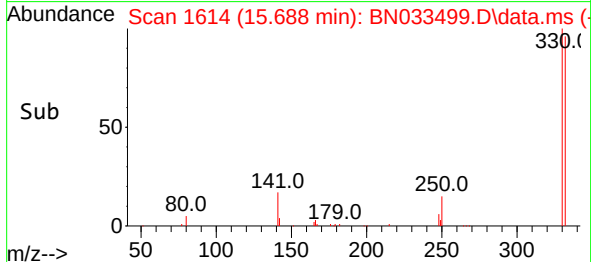
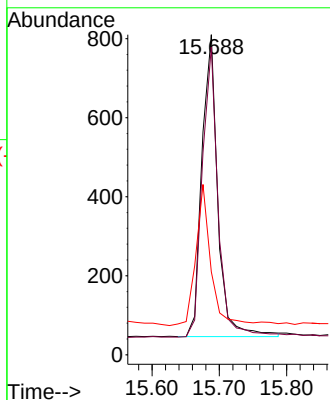


#14
2,4,6-Tribromophenol
Concen: 0.216 ng
RT: 15.688 min Scan# 1614
Delta R.T. -0.000 min
Lab File: BN033499.D
Acq: 20 Aug 2024 10:58

Instrument :
BNA_N
ClientSampleId :
RW7-SP303-20240814

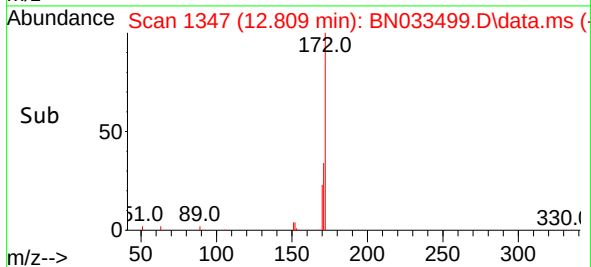
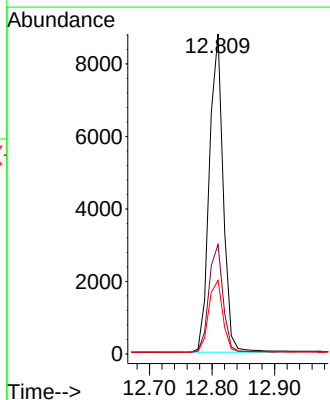
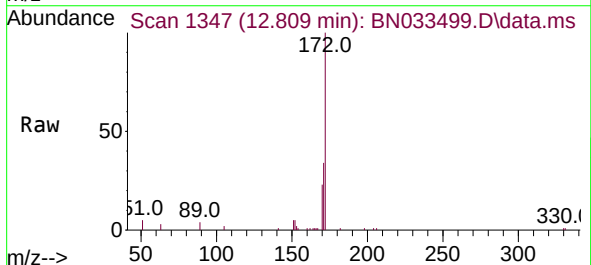


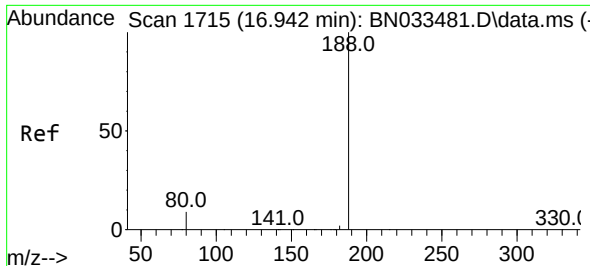
Tgt Ion:330 Resp: 1259
Ion Ratio Lower Upper
330 100
332 94.9 77.5 116.3
141 44.8 33.9 50.9



#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

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

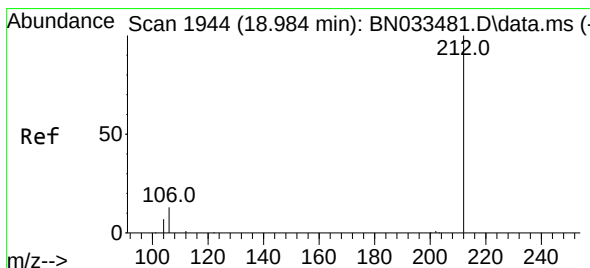
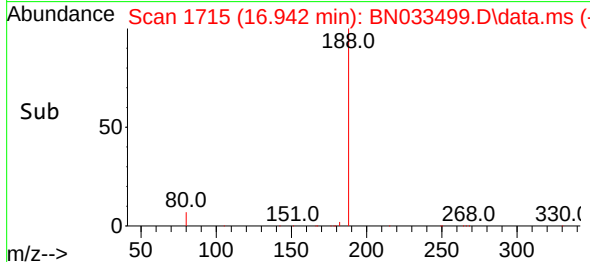
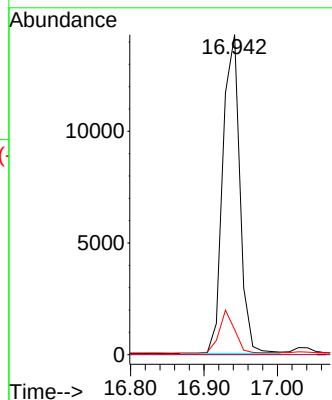
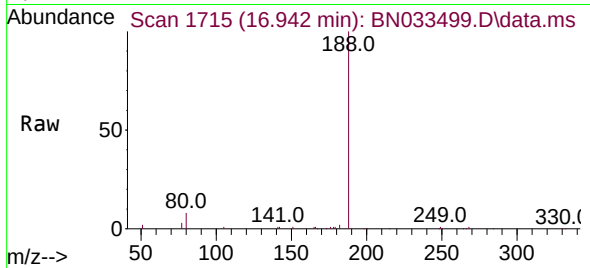




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.942 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN033499.D
Acq: 20 Aug 2024 10:58

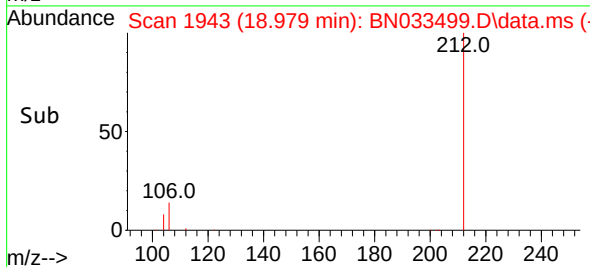
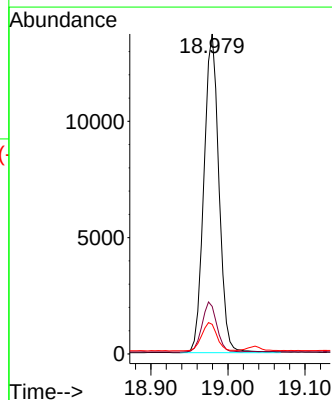
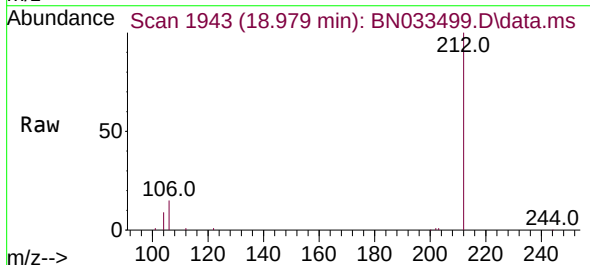
Instrument :
BNA_N
ClientSampleId :
RW7-SP303-20240814

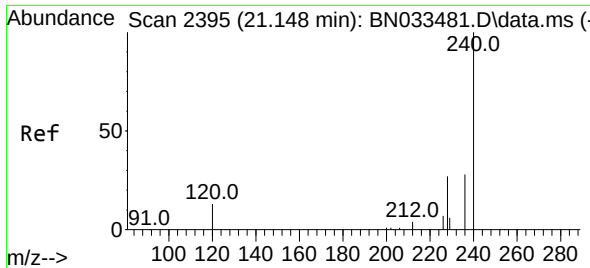
Tgt Ion:188 Resp: 22983
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.8 7.8 11.8



#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

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

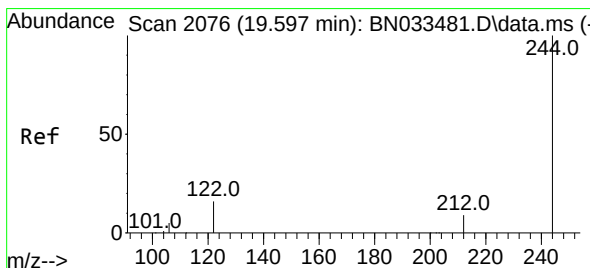
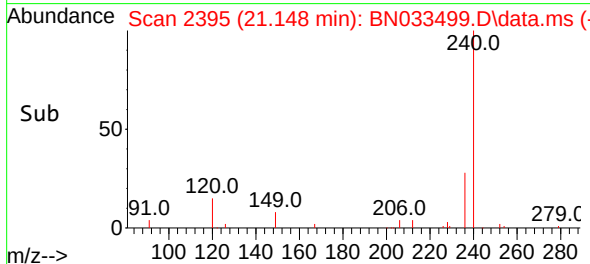
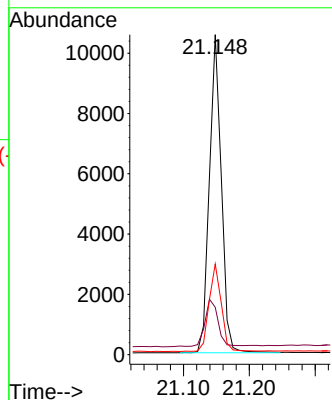
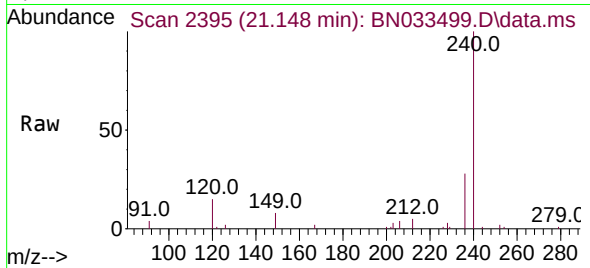




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.148 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN033499.D
Acq: 20 Aug 2024 10:58

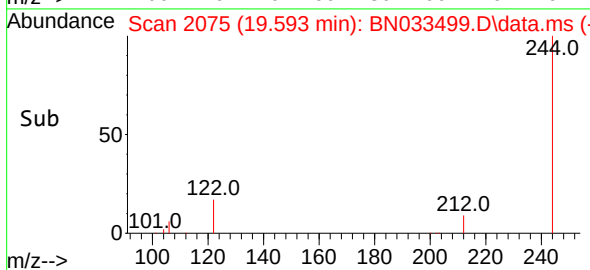
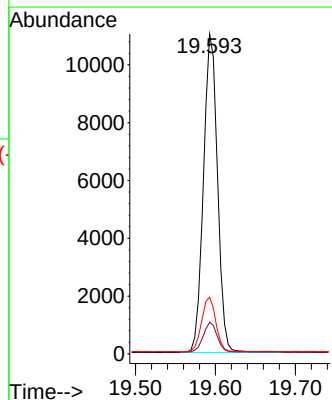
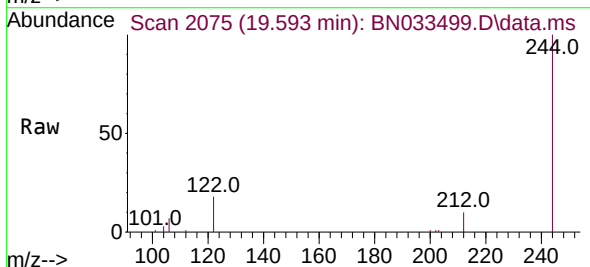
Instrument :
BNA_N
ClientSampleId :
RW7-SP303-20240814

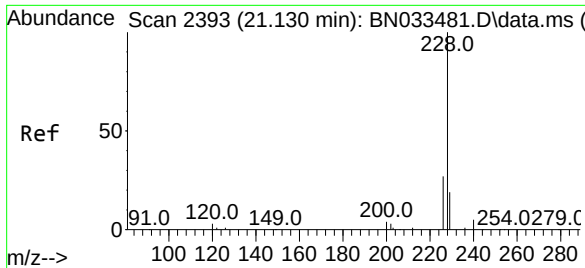
Tgt Ion:240 Resp: 13365
Ion Ratio Lower Upper
240 100
120 14.8 12.4 18.6
236 28.4 23.0 34.6



#31
Terphenyl-d14
Concen: 0.443 ng
RT: 19.593 min Scan# 2075
Delta R.T. -0.005 min
Lab File: BN033499.D
Acq: 20 Aug 2024 10:58

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

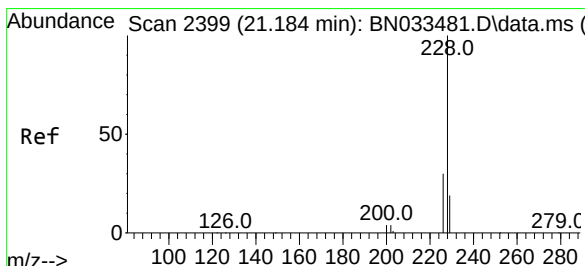
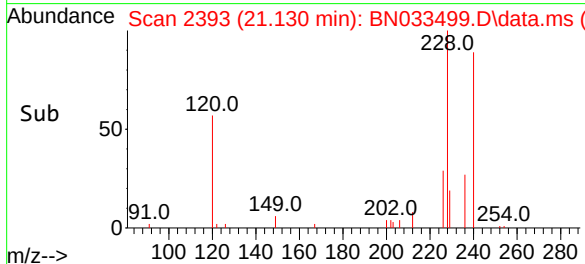
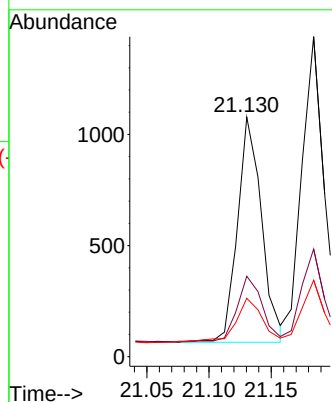
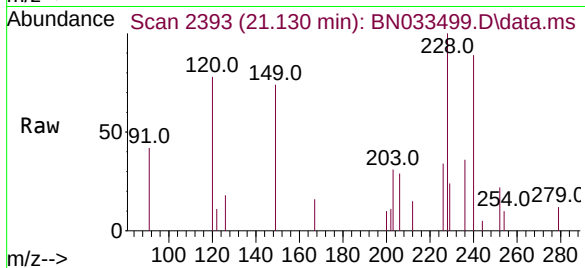




#32
Benzo(a)anthracene
Concen: 0.028 ng
RT: 21.130 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN033499.D
Acq: 20 Aug 2024 10:58

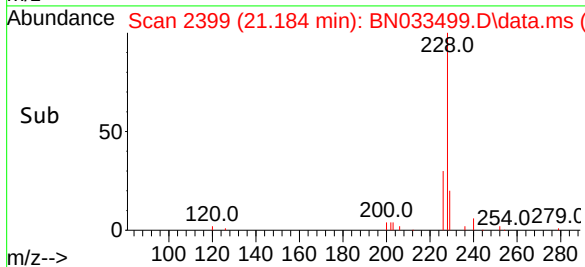
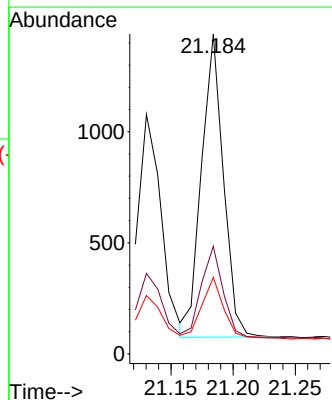
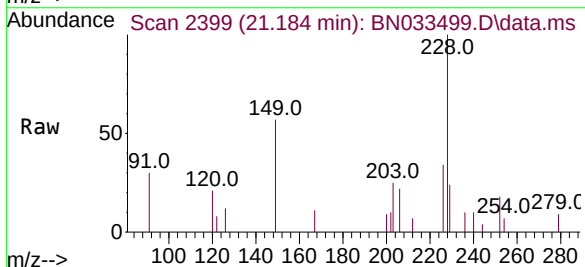
Instrument :
BNA_N
ClientSampleId :
RW7-SP303-20240814

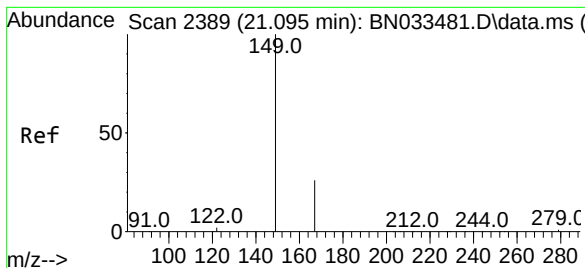
Tgt Ion:228 Resp: 1365
Ion Ratio Lower Upper
228 100
226 33.6 21.8 32.6#
229 24.4 15.8 23.6#



#33
Chrysene
Concen: 0.035 ng
RT: 21.184 min Scan# 2399
Delta R.T. -0.000 min
Lab File: BN033499.D
Acq: 20 Aug 2024 10:58

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# 21

Delta R.T. -0.000 min

Lab File: BN033499.D

Acq: 20 Aug 2024 10:58

Instrument :

BNA_N

ClientSampleId :

RW7-SP303-20240814

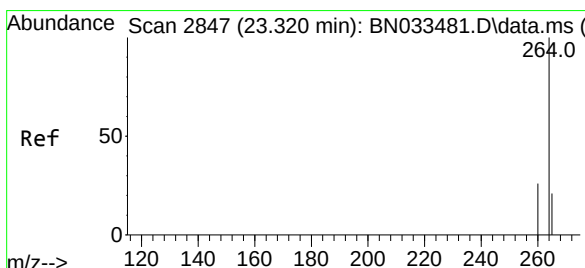
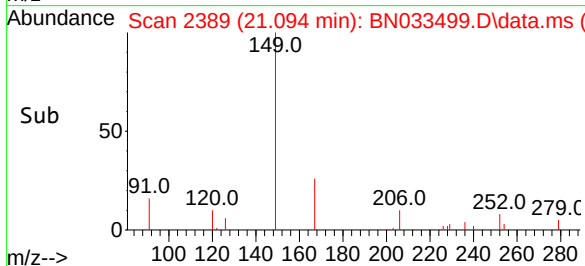
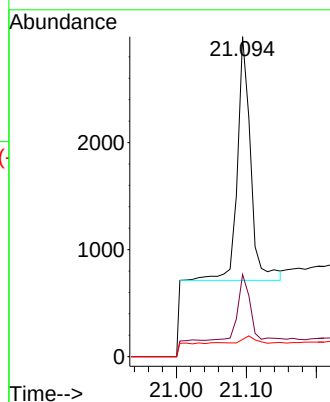
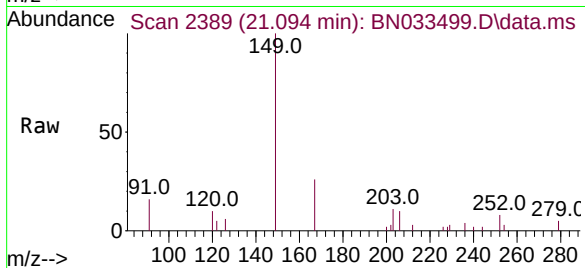
Tgt Ion:149 Resp: 3000

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# 2846

Delta R.T. -0.003 min

Lab File: BN033499.D

Acq: 20 Aug 2024 10:58

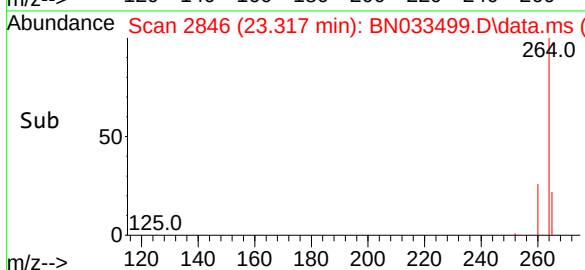
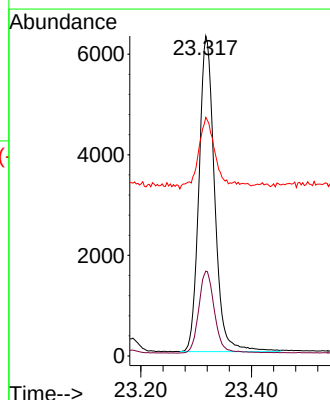
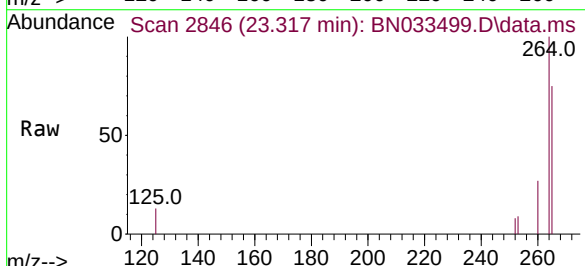
Tgt Ion:264 Resp: 12335

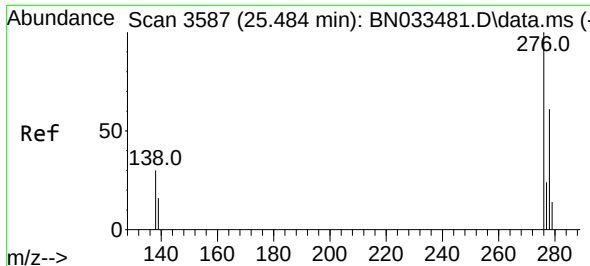
Ion Ratio Lower Upper

264 100

260 26.5 20.8 31.2

265 74.6 52.2 78.2

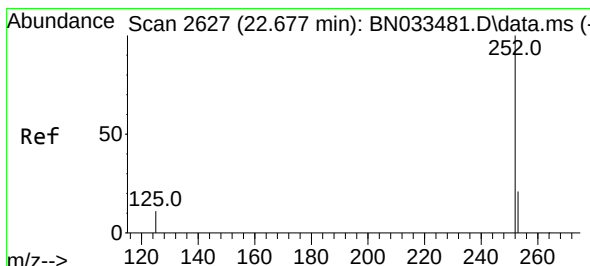
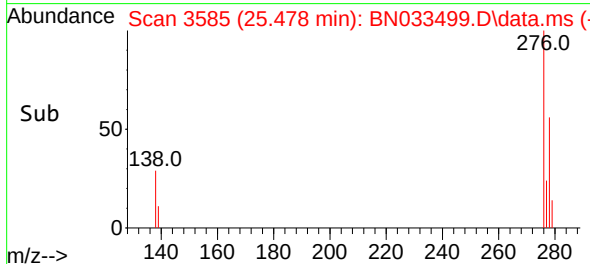
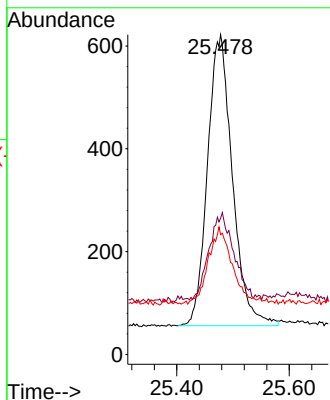
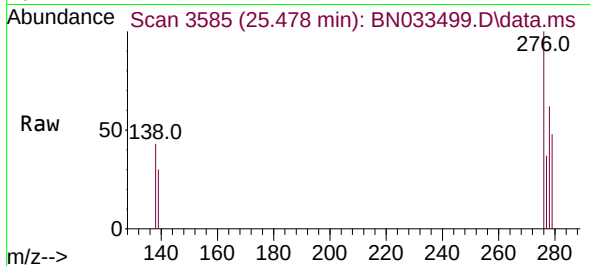




#36
Indeno(1,2,3-cd)pyrene
Concen: 0.034 ng
RT: 25.478 min Scan# 3585
Delta R.T. -0.006 min
Lab File: BN033499.D
Acq: 20 Aug 2024 10:58

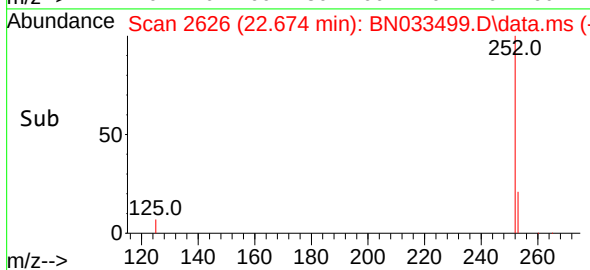
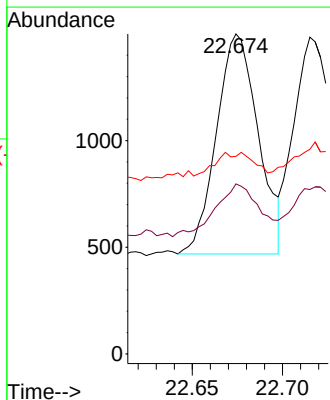
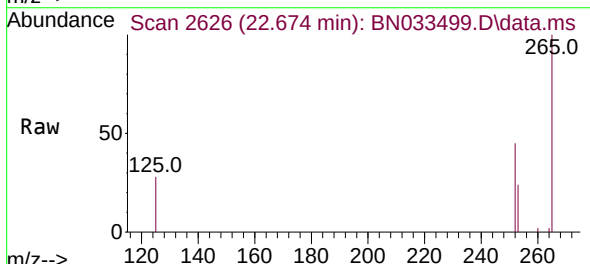
Instrument :
BNA_N
ClientSampleId :
RW7-SP303-20240814

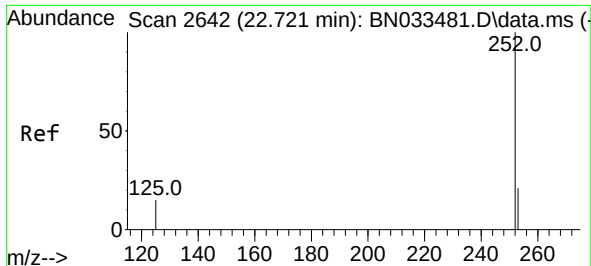
Tgt Ion:276 Resp: 1742
Ion Ratio Lower Upper
276 100
138 30.1 24.4 36.6
277 25.1 19.8 29.6



#37
Benzo(b)fluoranthene
Concen: 0.036 ng
RT: 22.674 min Scan# 2626
Delta R.T. -0.003 min
Lab File: BN033499.D
Acq: 20 Aug 2024 10:58

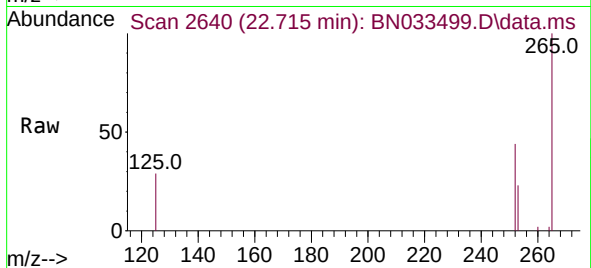
Tgt Ion:252 Resp: 1663
Ion Ratio Lower Upper
252 100
253 53.1 19.8 29.8#
125 61.7 13.9 20.9#



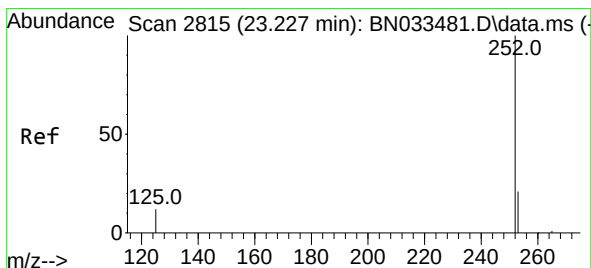
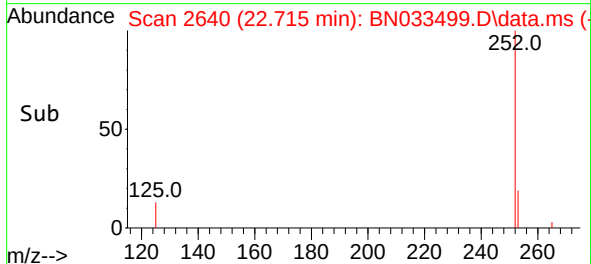
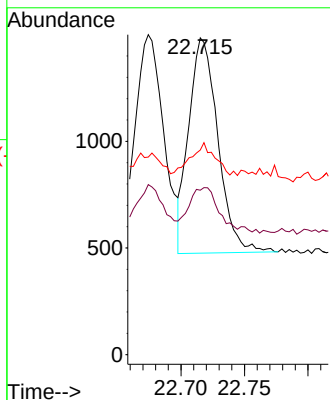


#38
Benzo(k)fluoranthene
Concen: 0.035 ng
RT: 22.715 min Scan# 2640
Delta R.T. -0.006 min
Lab File: BN033499.D
Acq: 20 Aug 2024 10:58

Instrument :
BNA_N
ClientSampleId :
RW7-SP303-20240814

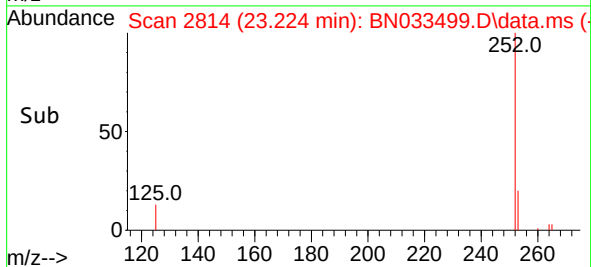
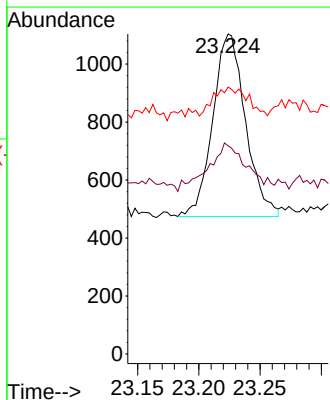
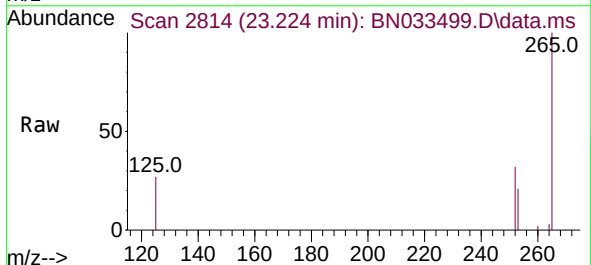


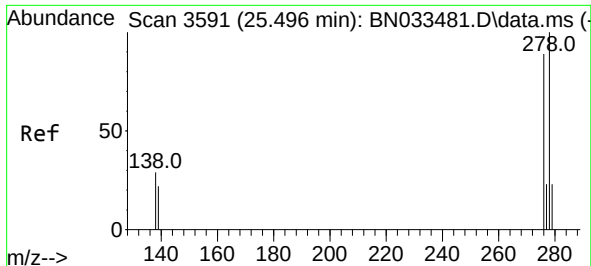
Tgt Ion:252 Resp: 1608
Ion Ratio Lower Upper
252 100
253 51.9 19.8 29.8#
125 64.6 15.8 23.8#



#39
Benzo(a)pyrene
Concen: 0.031 ng
RT: 23.224 min Scan# 2814
Delta R.T. -0.003 min
Lab File: BN033499.D
Acq: 20 Aug 2024 10:58

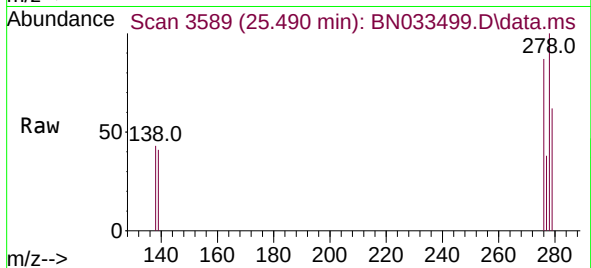
Tgt Ion:252 Resp: 1172
Ion Ratio Lower Upper
252 100
253 65.0 21.5 32.3#
125 83.4 17.0 25.4#



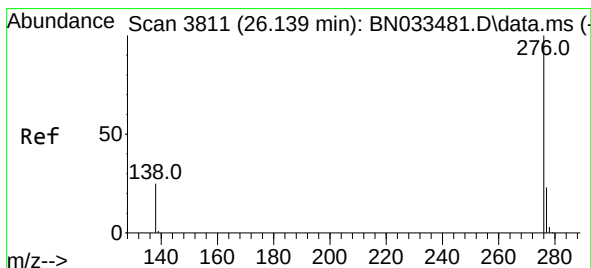
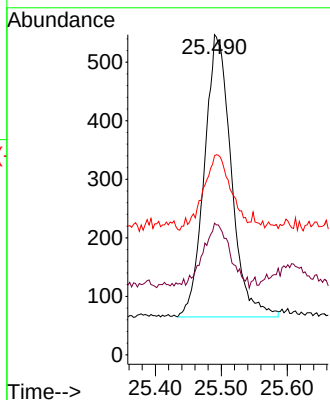


#40
Dibenzo(a,h)anthracene
Concen: 0.033 ng
RT: 25.490 min Scan# 31
Delta R.T. -0.006 min
Lab File: BN033499.D
Acq: 20 Aug 2024 10:58

Instrument :
BNA_N
ClientSampleId :
RW7-SP303-20240814



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

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#

