

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080924\
 Data File : BN033325.D
 Acq On : 09 Aug 2024 20:08
 Operator : MA/JU
 Sample : P3512-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 927-K1-SD-0-0.5-080724

Quant Time: Aug 10 01:09:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 08 04:39:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

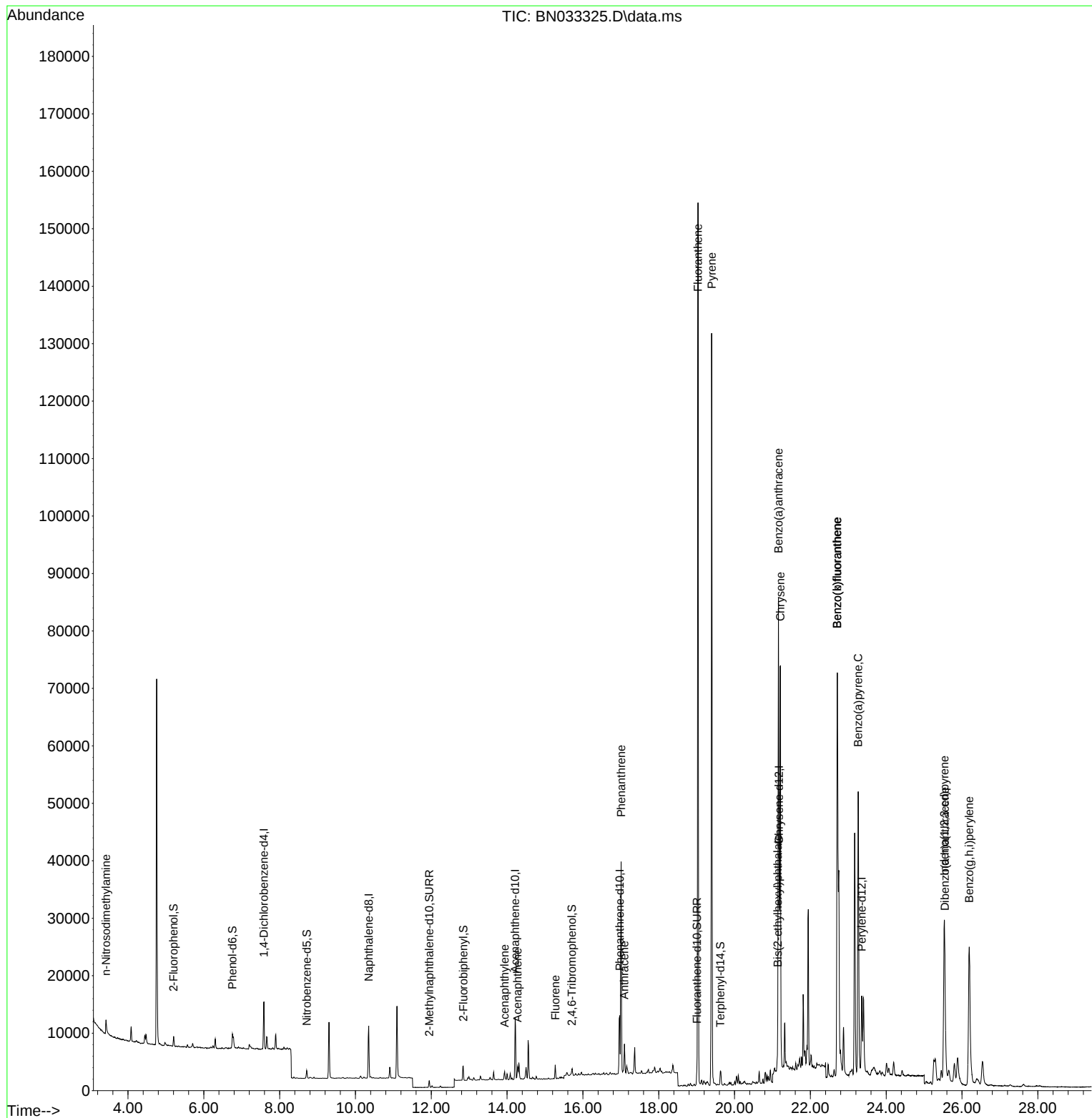
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	4051	0.400	ng	0.00
7) Naphthalene-d8	10.349	136	11430	0.400	ng	# 0.00
13) Acenaphthene-d10	14.212	164	6221	0.400	ng	0.00
19) Phenanthrene-d10	16.971	188	15203	0.400	ng	# 0.00
29) Chrysene-d12	21.175	240	14790	0.400	ng	0.00
35) Perylene-d12	23.355	264	17835	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.204	112	1358	0.127	ng	0.00
5) Phenol-d6	6.757	99	1900	0.130	ng	0.00
8) Nitrobenzene-d5	8.715	82	991	0.142	ng	0.00
11) 2-Methylnaphthalene-d10	11.943	152	1566	0.088	ng	-0.01
14) 2,4,6-Tribromophenol	15.705	330	250	0.099	ng	-0.01
15) 2-Fluorobiphenyl	12.844	172	2234	0.095	ng	0.00
27) Fluoranthene-d10	19.007	212	2687	0.064	ng	0.00
31) Terphenyl-d14	19.625	244	1588	0.062	ng	0.00
Target Compounds						
						Qvalue
3) n-Nitrosodimethylamine	3.420	42	683	0.120	ng	# 1
16) Acenaphthylene	13.934	152	1518	0.050	ng	# 97
17) Acenaphthene	14.277	154	934	0.048	ng	# 91
18) Fluorene	15.271	166	1478	0.057	ng	98
25) Phenanthrene	17.008	178	36942	0.840	ng	100
26) Anthracene	17.095	178	4830	0.113	ng	# 93
28) Fluoranthene	19.035	202	132341	2.385	ng	99
30) Pyrene	19.397	202	113549	1.952	ng	96
32) Benzo(a)anthracene	21.157	228	63523	1.106	ng	98
33) Chrysene	21.210	228	74109	1.332	ng	99
34) Bis(2-ethylhexyl)phtha...	21.139	149	1365	0.046	ng	# 86
36) Indeno(1,2,3-cd)pyrene	25.533	276	49877	0.639	ng	94
37) Benzo(b)fluoranthene	22.709	252	108944	1.644	ng	99
38) Benzo(k)fluoranthene	22.709	252	108944	1.692	ng	99
39) Benzo(a)pyrene	23.261	252	67439	1.145	ng	100
40) Dibenzo(a,h)anthracene	25.548	278	9877	0.160	ng	91
41) Benzo(g,h,i)perylene	26.188	276	51763	0.772	ng	99

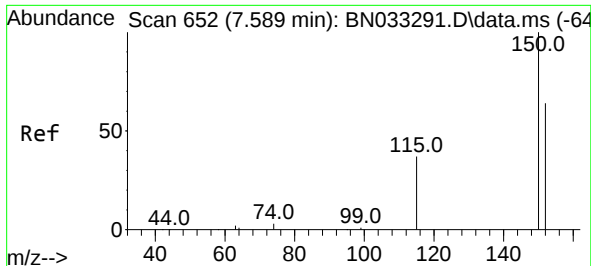
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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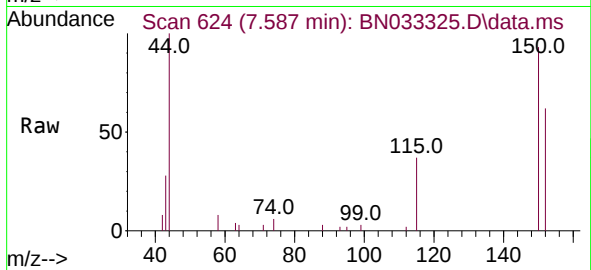
Quant Time: Aug 10 01:09:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080724.M
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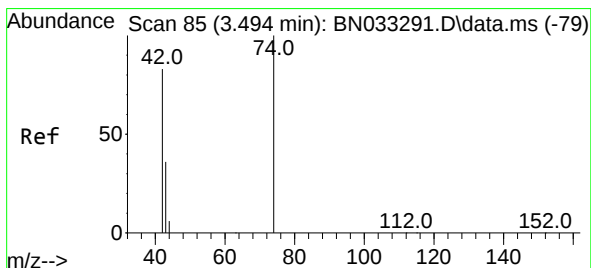
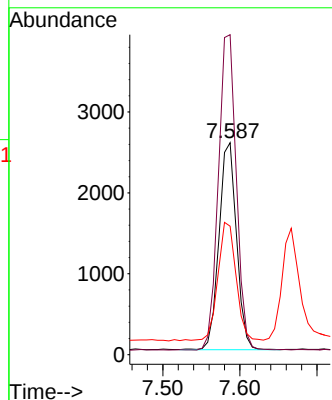
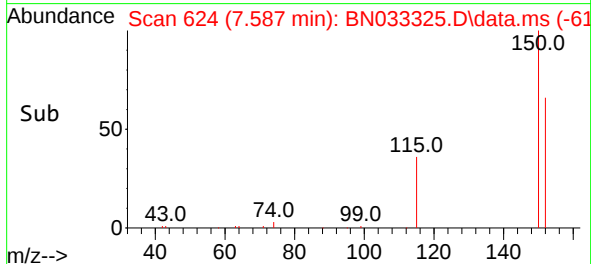


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.587 min Scan# 61
Delta R.T. -0.002 min
Lab File: BN033325.D
Acq: 09 Aug 2024 20:08

Instrument :
BNA_N
ClientSampleId :
927-K1-SD-0-0.5-080724

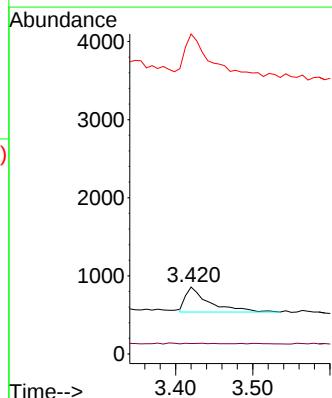
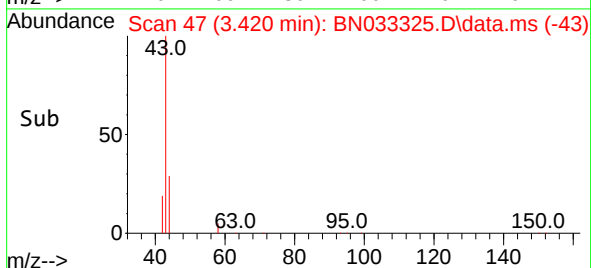
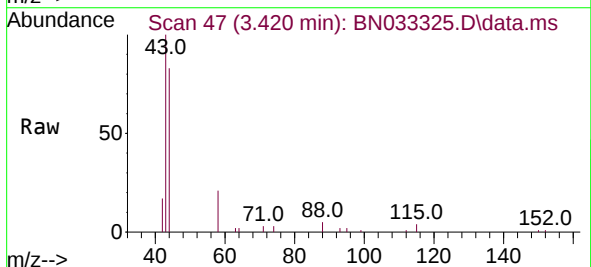


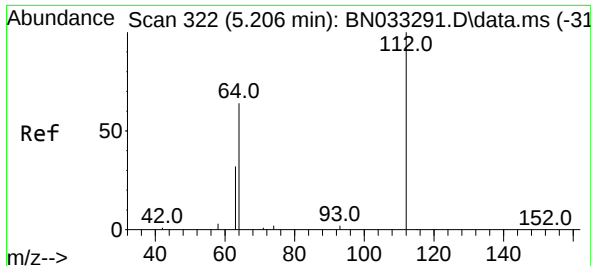
Tgt Ion:152 Resp: 4051
Ion Ratio Lower Upper
152 100
150 151.0 120.7 181.1
115 60.6 55.8 83.8



#3
n-Nitrosodimethylamine
Concen: 0.120 ng
RT: 3.420 min Scan# 47
Delta R.T. -0.074 min
Lab File: BN033325.D
Acq: 09 Aug 2024 20:08

Tgt Ion: 42 Resp: 683
Ion Ratio Lower Upper
42 100
74 2.5 94.9 142.3#
44 171.7 7.0 10.4#

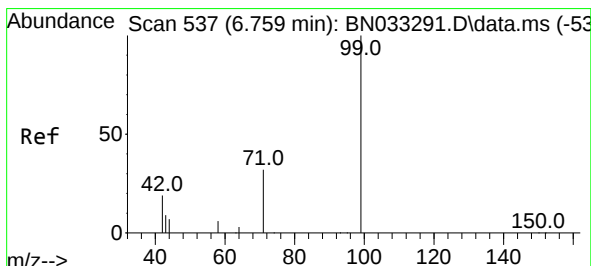
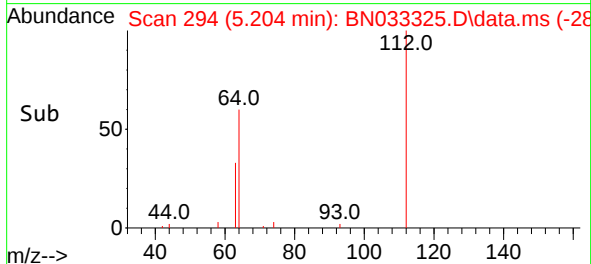
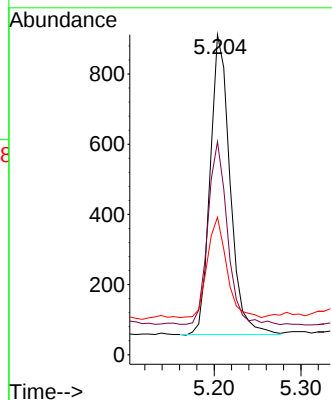
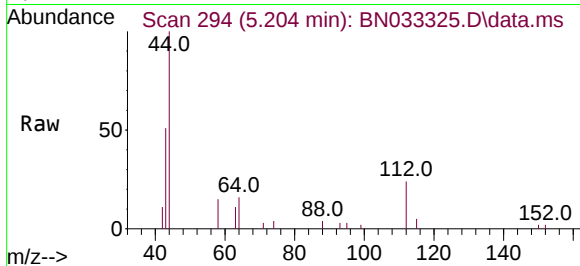




#4
2-Fluorophenol
Concen: 0.127 ng
RT: 5.204 min Scan# 294
Delta R.T. -0.002 min
Lab File: BN033325.D
Acq: 09 Aug 2024 20:08

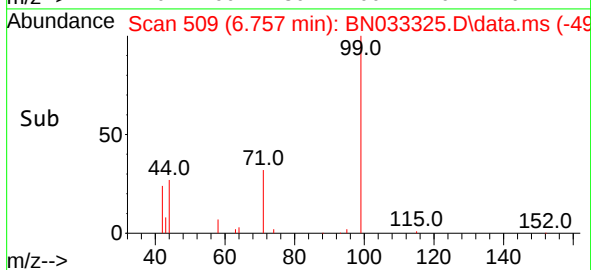
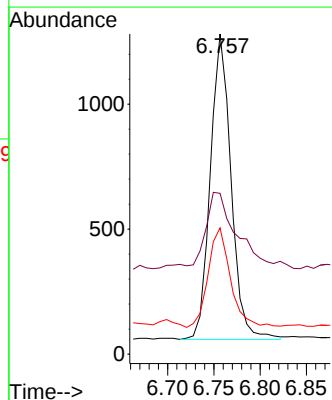
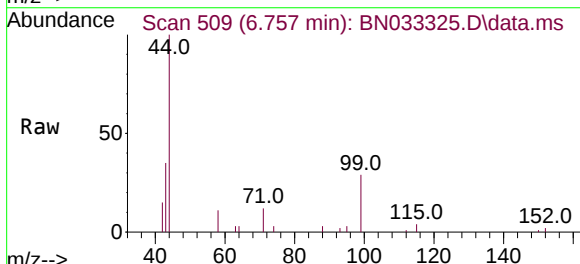
Instrument :
BNA_N
ClientSampleId :
927-K1-SD-0-0.5-080724

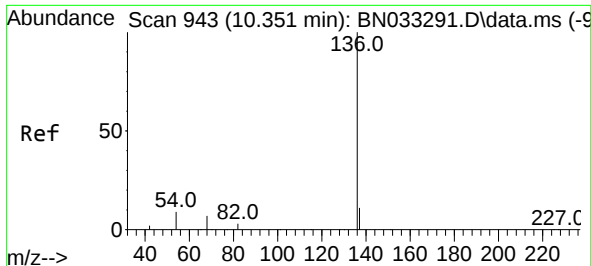
Tgt Ion:112 Resp: 1358
Ion Ratio Lower Upper
112 100
64 59.9 48.7 73.1
63 33.1 25.4 38.2



#5
Phenol-d6
Concen: 0.130 ng
RT: 6.757 min Scan# 509
Delta R.T. -0.002 min
Lab File: BN033325.D
Acq: 09 Aug 2024 20:08

Tgt Ion: 99 Resp: 1900
Ion Ratio Lower Upper
99 100
42 38.9 19.3 28.9#
71 35.3 27.6 41.4

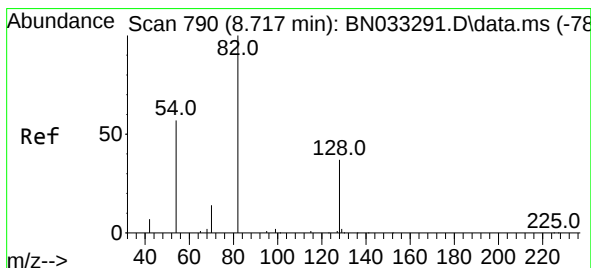
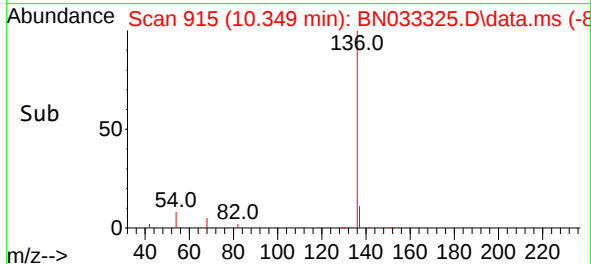
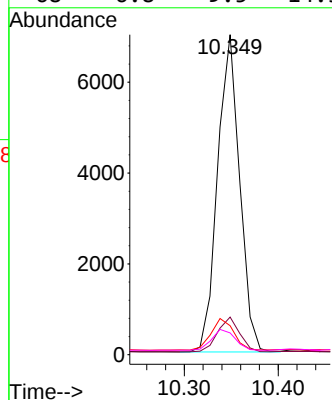
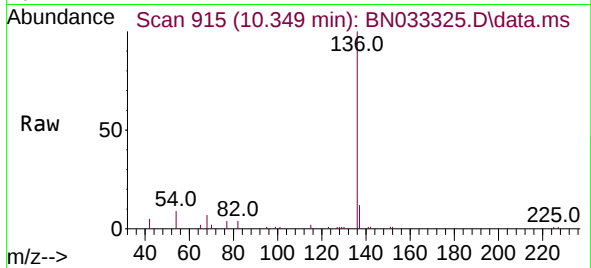




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.349 min Scan# 91
Delta R.T. -0.002 min
Lab File: BN033325.D
Acq: 09 Aug 2024 20:08

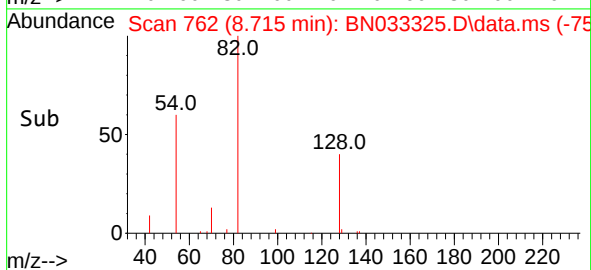
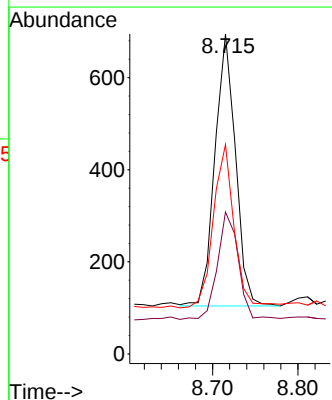
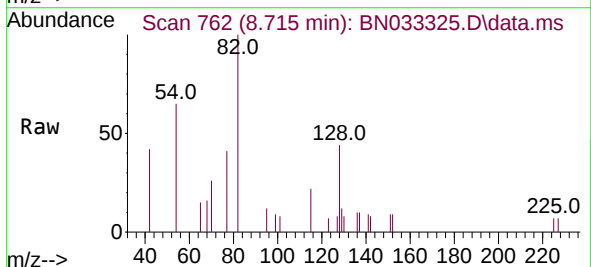
Instrument :
BNA_N
ClientSampleId :
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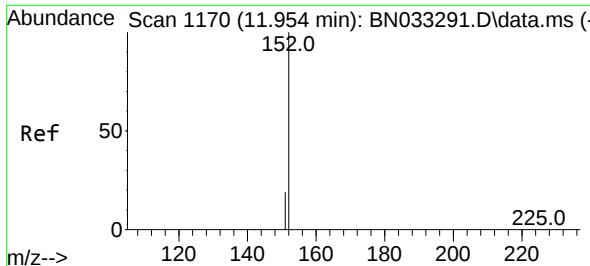
Tgt Ion:	136	Resp:	11430
Ion Ratio	Lower	Upper	
136	100		
137	11.7	9.9	14.9
54	9.0	11.4	17.2#
68	6.8	9.5	14.3#



#8
Nitrobenzene-d5
Concen: 0.142 ng
RT: 8.715 min Scan# 762
Delta R.T. -0.002 min
Lab File: BN033325.D
Acq: 09 Aug 2024 20:08

Tgt Ion:	82	Resp:	991
Ion Ratio	Lower	Upper	
82	100		
128	44.3	29.4	44.2#
54	65.5	50.0	75.0

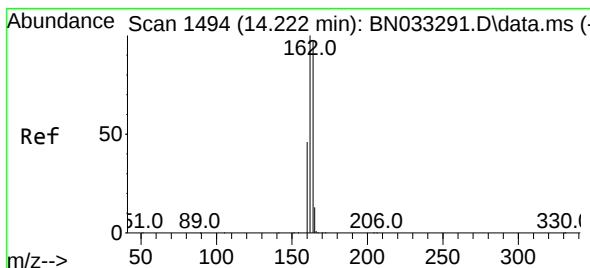
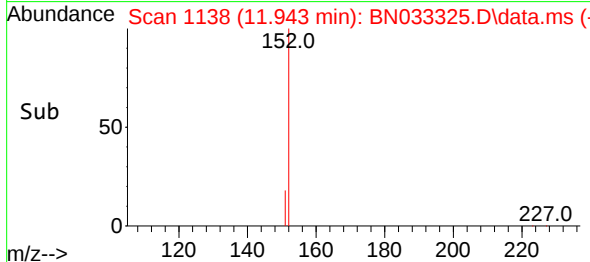
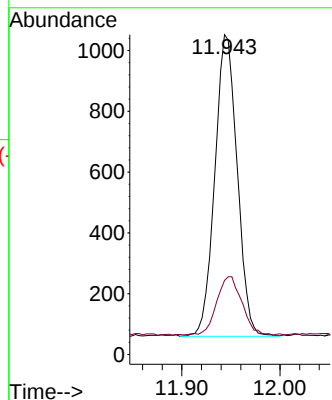
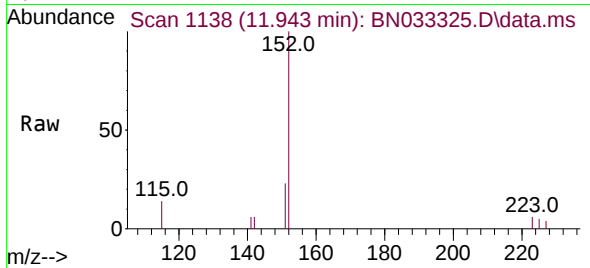




#11
2-Methylnaphthalene-d10
Concen: 0.088 ng
RT: 11.943 min Scan# 1170
Delta R.T. -0.010 min
Lab File: BN033325.D
Acq: 09 Aug 2024 20:08

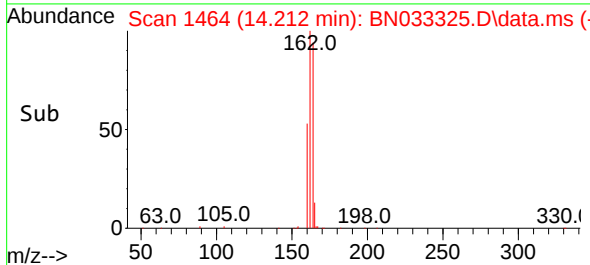
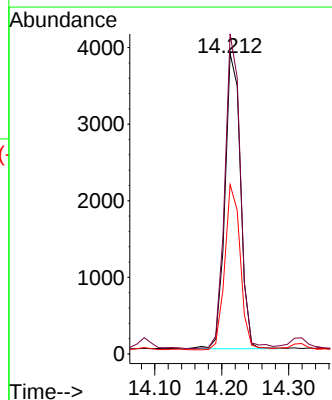
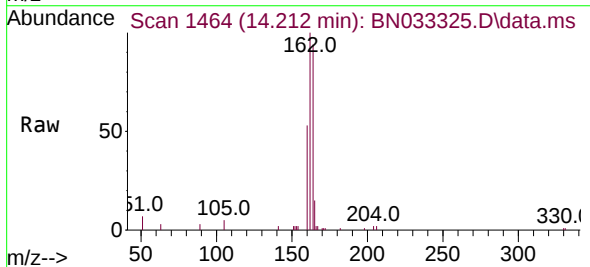
Instrument :
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ClientSampleId :
927-K1-SD-0-0.5-080724

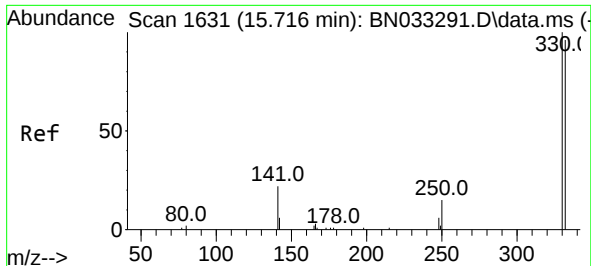
Tgt Ion:152 Resp: 1566
Ion Ratio Lower Upper
152 100
151 22.3 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.212 min Scan# 1464
Delta R.T. -0.010 min
Lab File: BN033325.D
Acq: 09 Aug 2024 20:08

Tgt Ion:164 Resp: 6221
Ion Ratio Lower Upper
164 100
162 106.5 82.6 124.0
160 56.4 38.2 57.4

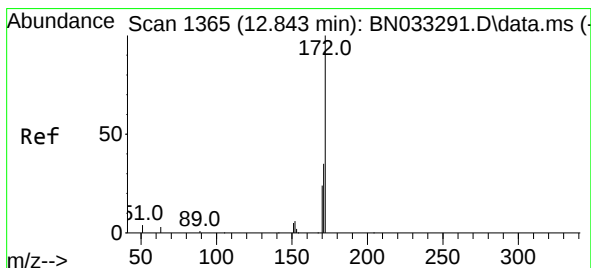
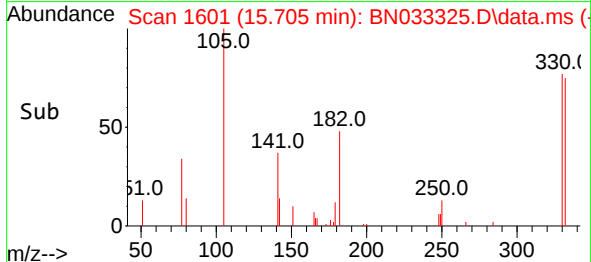
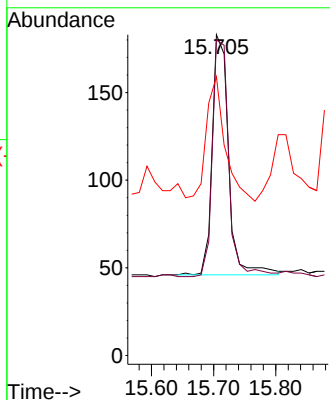
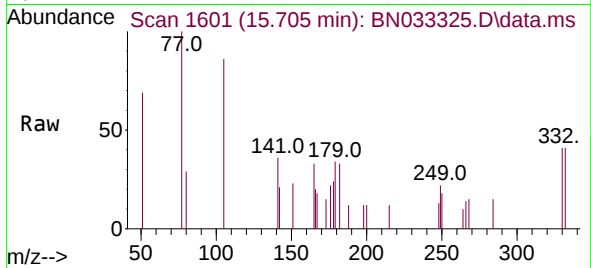




#14
2,4,6-Tribromophenol
Concen: 0.099 ng
RT: 15.705 min Scan# 1601
Delta R.T. -0.011 min
Lab File: BN033325.D
Acq: 09 Aug 2024 20:08

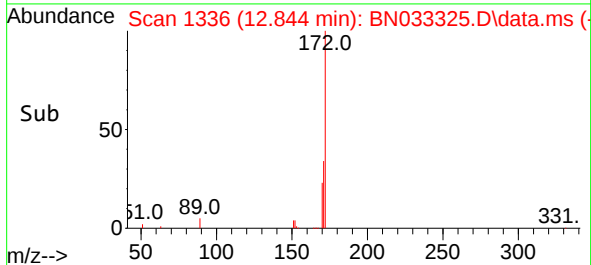
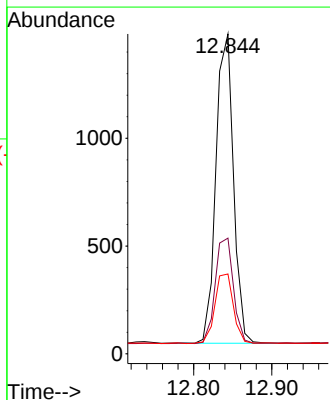
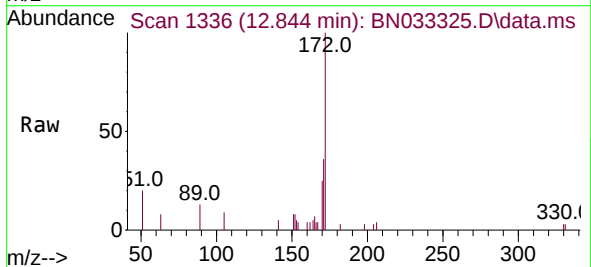
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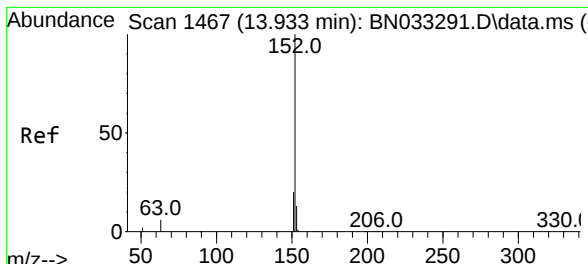
Tgt Ion:330 Resp: 250
Ion Ratio Lower Upper
330 100
332 98.8 75.6 113.4
141 59.6 31.0 46.4#



#15
2-Fluorobiphenyl
Concen: 0.095 ng
RT: 12.844 min Scan# 1336
Delta R.T. 0.001 min
Lab File: BN033325.D
Acq: 09 Aug 2024 20:08

Tgt Ion:172 Resp: 2234
Ion Ratio Lower Upper
172 100
171 36.2 28.3 42.5
170 25.0 19.4 29.2

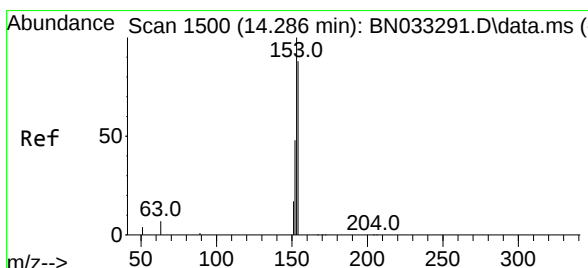
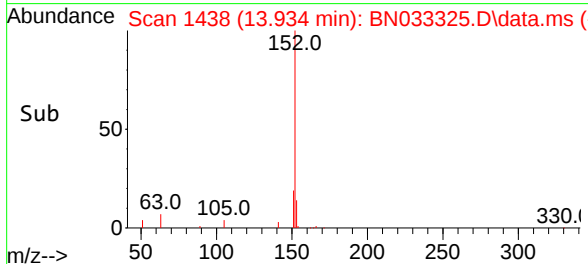
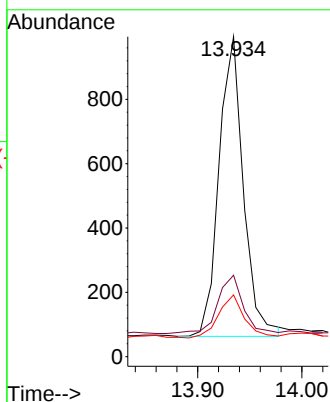
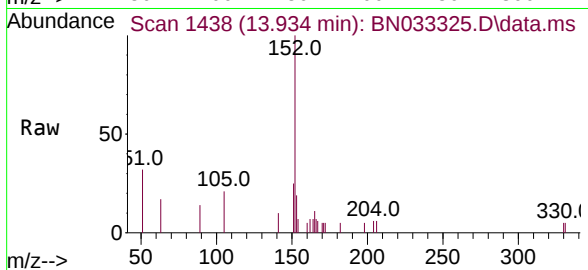




#16
Acenaphthylene
Concen: 0.050 ng
RT: 13.934 min Scan# 1467
Delta R.T. 0.001 min
Lab File: BN033325.D
Acq: 09 Aug 2024 20:08

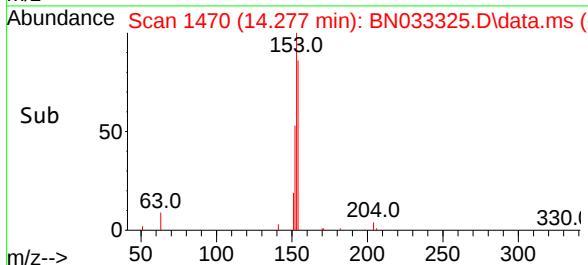
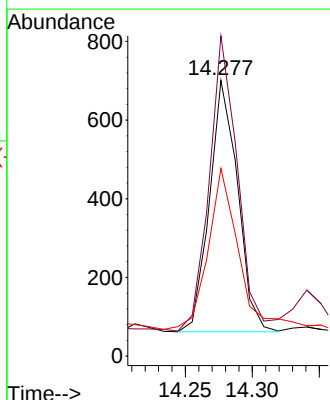
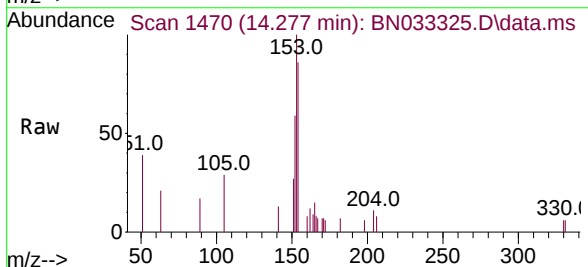
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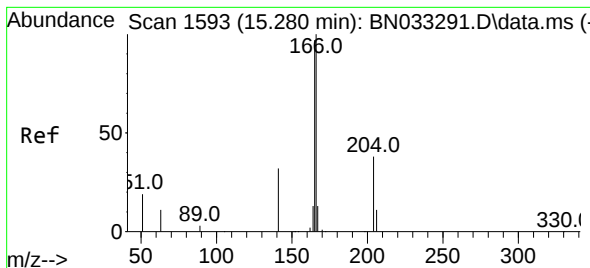
Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.7	23.5
153	15.5	10.3	15.5#



#17
Acenaphthene
Concen: 0.048 ng
RT: 14.277 min Scan# 1470
Delta R.T. -0.010 min
Lab File: BN033325.D
Acq: 09 Aug 2024 20:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	116.2	89.5	134.3
152	68.6	43.6	65.4#





#18

Fluorene

Concen: 0.057 ng

RT: 15.271 min Scan# 1

Delta R.T. -0.010 min

Lab File: BN033325.D

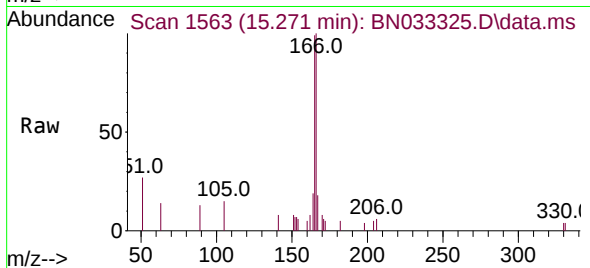
Acq: 09 Aug 2024 20:08

Instrument :

BNA_N

ClientSampleId :

927-K1-SD-0-0.5-080724



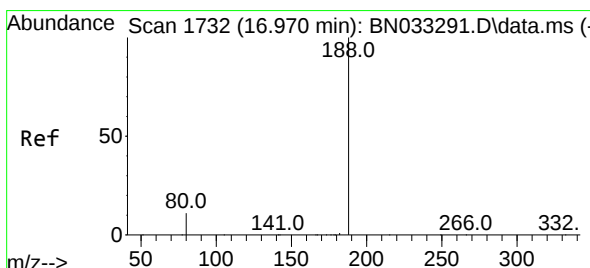
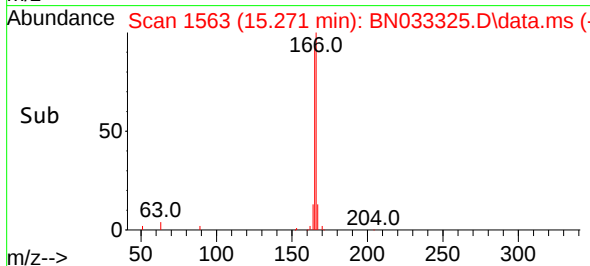
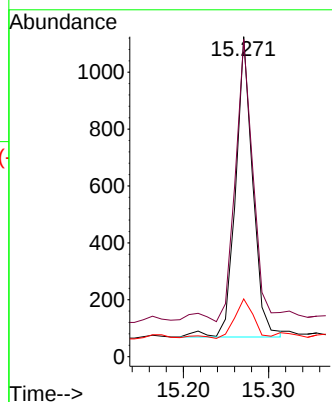
Tgt Ion:166 Resp: 1478

Ion Ratio Lower Upper

166 100

165 96.7 78.9 118.3

167 14.3 10.6 16.0



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.971 min Scan# 1703

Delta R.T. 0.001 min

Lab File: BN033325.D

Acq: 09 Aug 2024 20:08

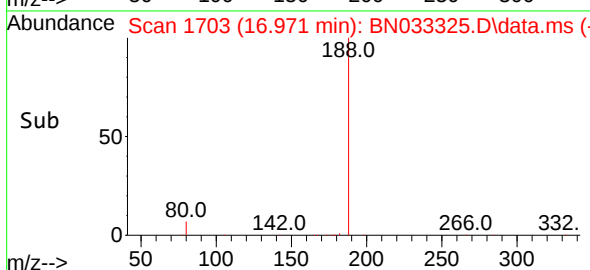
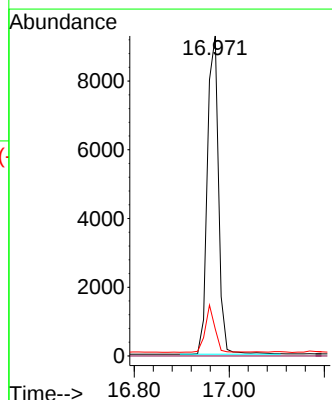
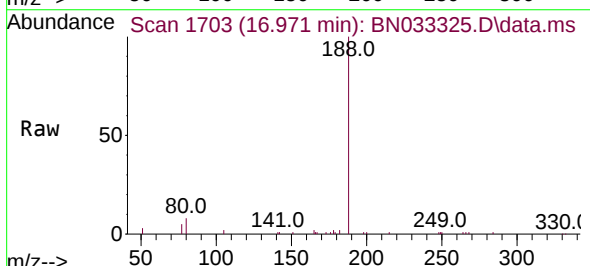
Tgt Ion:188 Resp: 15203

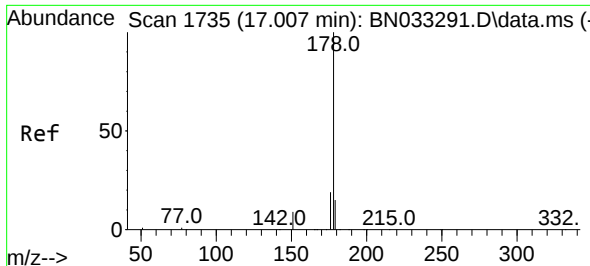
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.5 10.5 15.7#

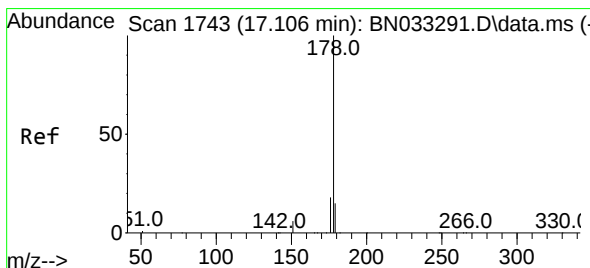
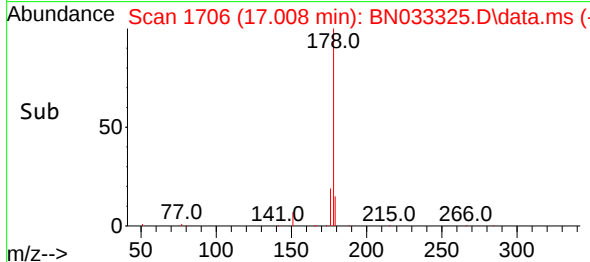
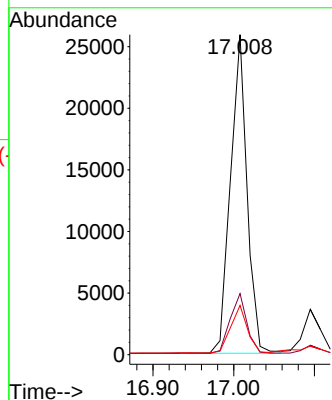
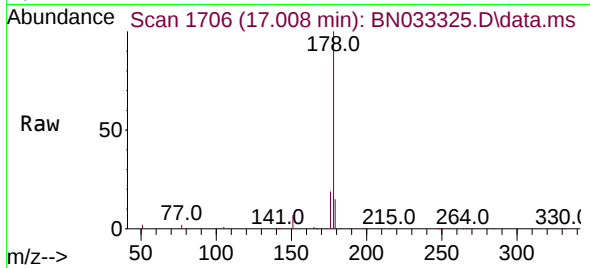




#25
Phenanthrene
Concen: 0.840 ng
RT: 17.008 min Scan# 1713
Delta R.T. 0.001 min
Lab File: BN033325.D
Acq: 09 Aug 2024 20:08

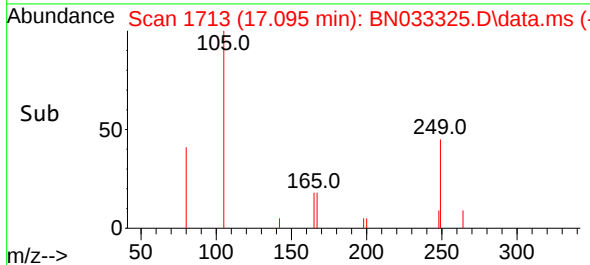
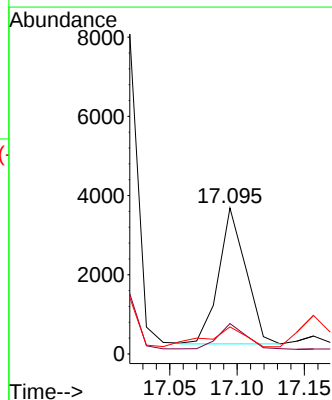
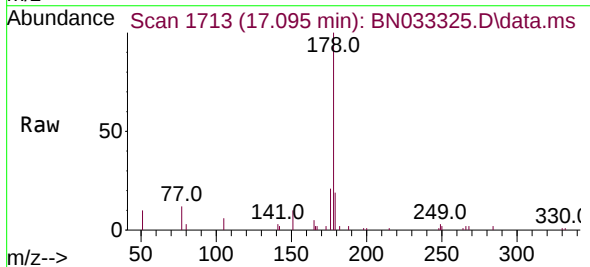
Instrument :
BNA_N
ClientSampleId :
927-K1-SD-0-0.5-080724

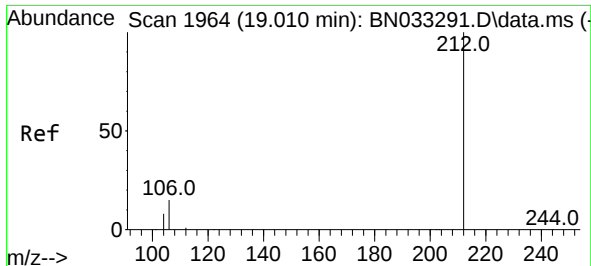
Tgt Ion:178 Resp: 36942
Ion Ratio Lower Upper
178 100
176 18.8 15.2 22.8
179 15.0 12.0 18.0



#26
Anthracene
Concen: 0.113 ng
RT: 17.095 min Scan# 1713
Delta R.T. -0.011 min
Lab File: BN033325.D
Acq: 09 Aug 2024 20:08

Tgt Ion:178 Resp: 4830
Ion Ratio Lower Upper
178 100
176 19.7 14.8 22.2
179 20.1 12.2 18.4#

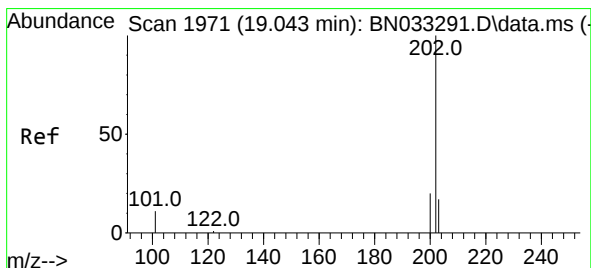
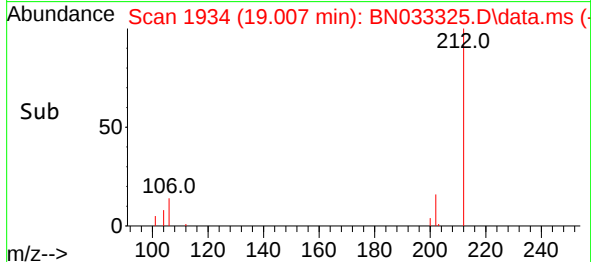
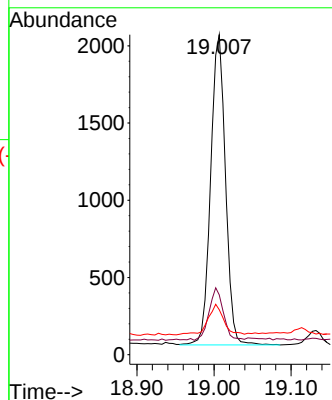
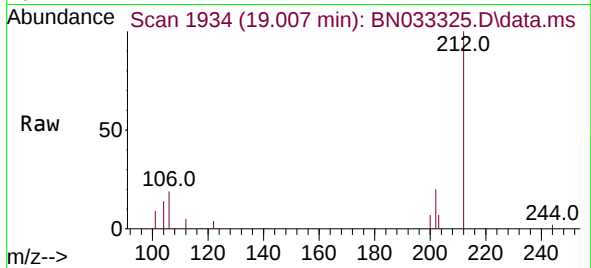




#27
Fluoranthene-d10
Concen: 0.064 ng
RT: 19.007 min Scan# 1940
Delta R.T. -0.004 min
Lab File: BN033325.D
Acq: 09 Aug 2024 20:08

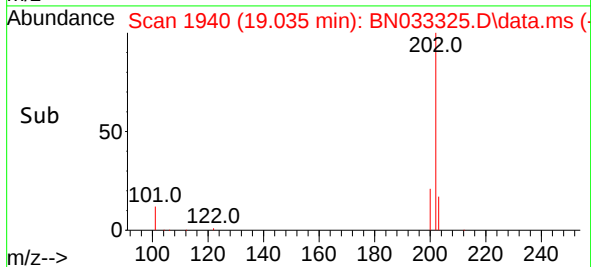
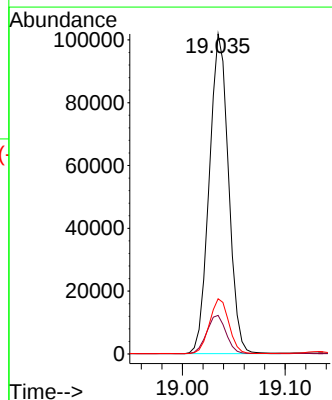
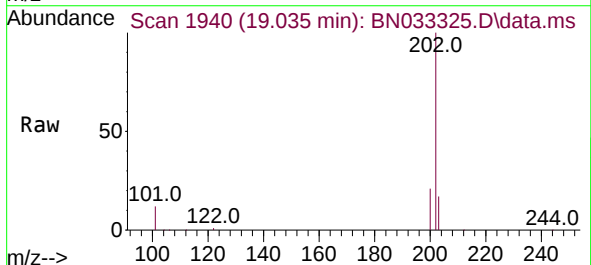
Instrument :
BNA_N
ClientSampleId :
927-K1-SD-0-0.5-080724

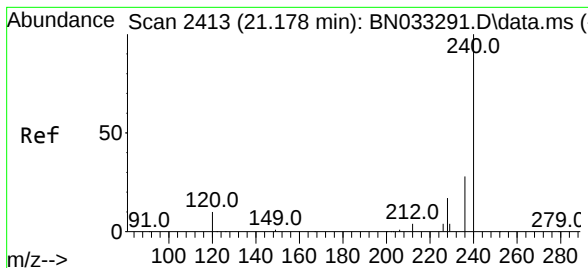
Tgt Ion:212 Resp: 2687
Ion Ratio Lower Upper
212 100
106 15.9 12.2 18.4
104 10.3 6.9 10.3



#28
Fluoranthene
Concen: 2.385 ng
RT: 19.035 min Scan# 1940
Delta R.T. -0.008 min
Lab File: BN033325.D
Acq: 09 Aug 2024 20:08

Tgt Ion:202 Resp: 132341
Ion Ratio Lower Upper
202 100
101 12.1 9.4 14.0
203 17.3 13.8 20.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.175 min Scan# 21

Delta R.T. -0.004 min

Lab File: BN033325.D

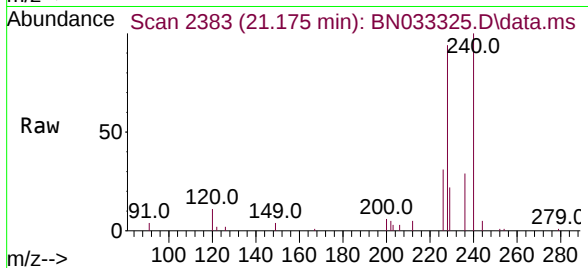
Acq: 09 Aug 2024 20:08

Instrument :

BNA_N

ClientSampleId :

927-K1-SD-0-0.5-080724



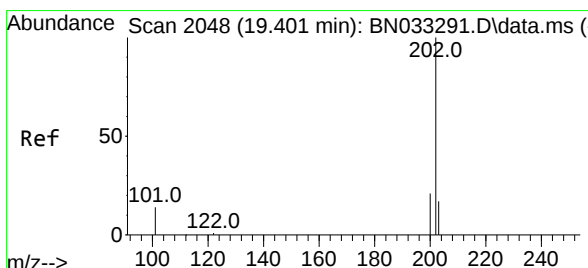
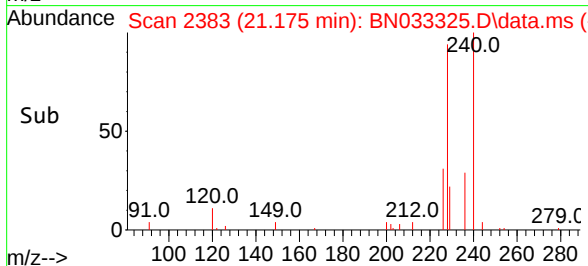
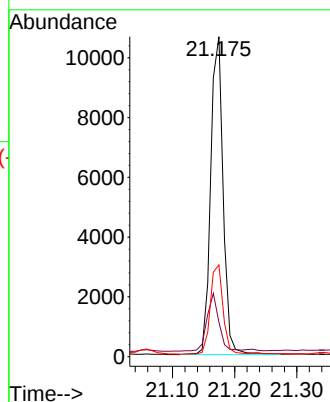
Tgt Ion:240 Resp: 14790

Ion	Ratio	Lower	Upper
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240	100		
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120	10.8	9.0	13.6
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236	28.7	22.4	33.6
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#30

Pyrene

Concen: 1.952 ng

RT: 19.397 min Scan# 2018

Delta R.T. -0.004 min

Lab File: BN033325.D

Acq: 09 Aug 2024 20:08

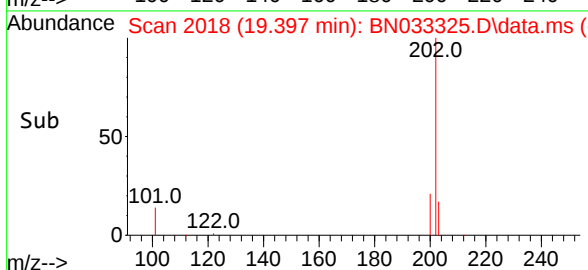
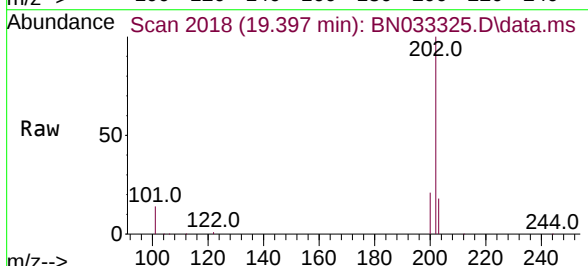
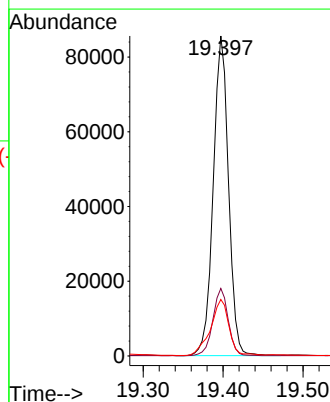
Tgt Ion:202 Resp: 113549

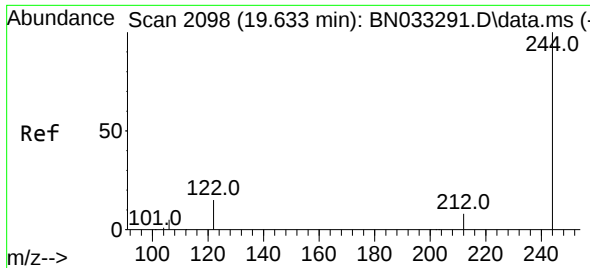
Ion	Ratio	Lower	Upper
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202	100		
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200	21.2	16.7	25.1
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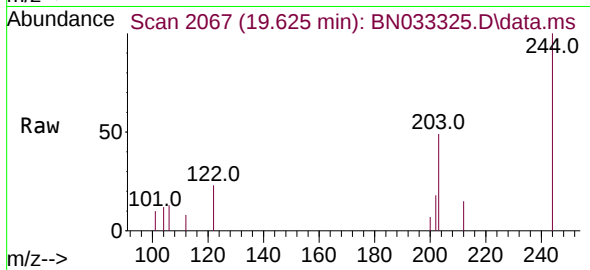
203	21.1	14.2	21.4
-----	------	------	------



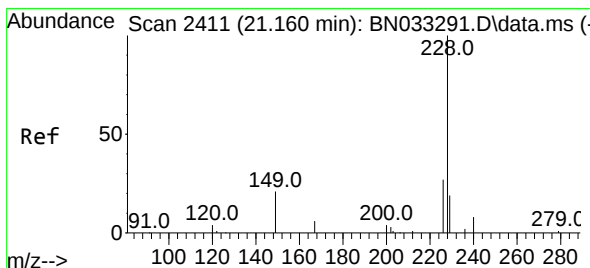
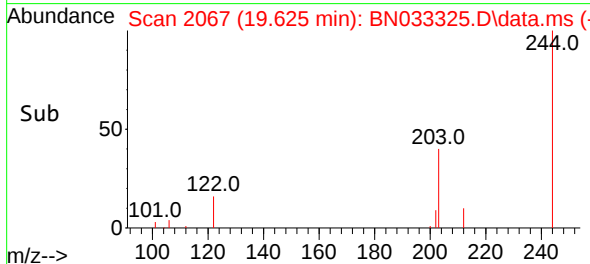
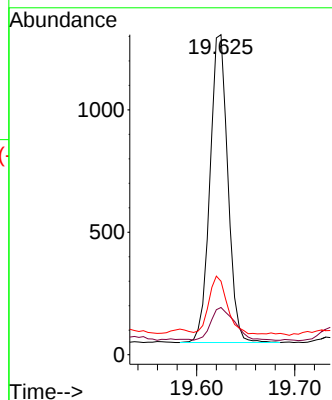


#31
Terphenyl-d14
Concen: 0.062 ng
RT: 19.625 min Scan# 2098
Delta R.T. -0.008 min
Lab File: BN033325.D
Acq: 09 Aug 2024 20:08

Instrument :
BNA_N
ClientSampleId :
927-K1-SD-0-0.5-080724

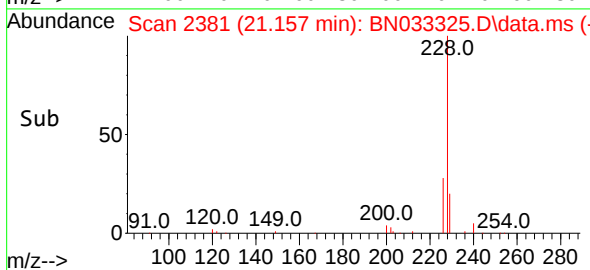
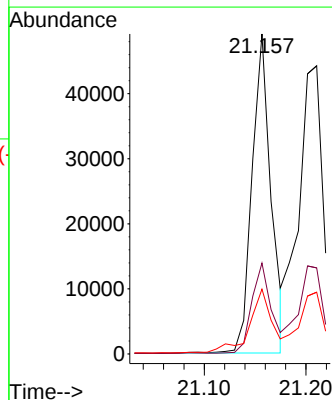
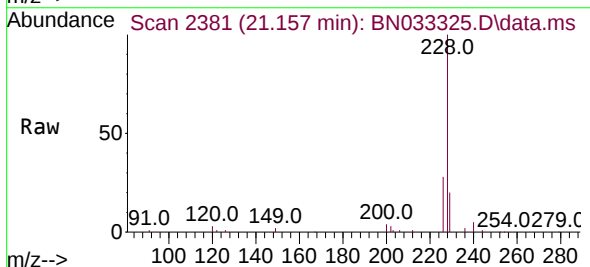


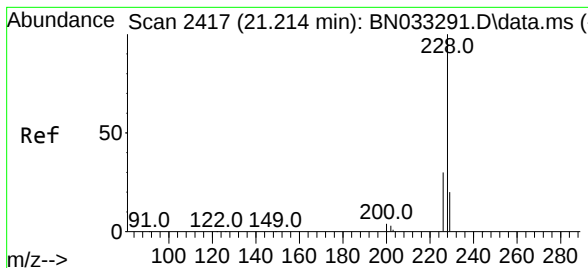
Tgt Ion:244 Resp: 1588
Ion Ratio Lower Upper
244 100
212 14.8 7.2 10.8#
122 23.0 12.7 19.1#



#32
Benzo(a)anthracene
Concen: 1.106 ng
RT: 21.157 min Scan# 2381
Delta R.T. -0.004 min
Lab File: BN033325.D
Acq: 09 Aug 2024 20:08

Tgt Ion:228 Resp: 63523
Ion Ratio Lower Upper
228 100
226 28.4 22.1 33.1
229 20.2 15.6 23.4





#33

Chrysene

Concen: 1.332 ng

RT: 21.210 min Scan# 21

Delta R.T. -0.004 min

Lab File: BN033325.D

Acq: 09 Aug 2024 20:08

Instrument :

BNA_N

ClientSampleId :

927-K1-SD-0-0.5-080724

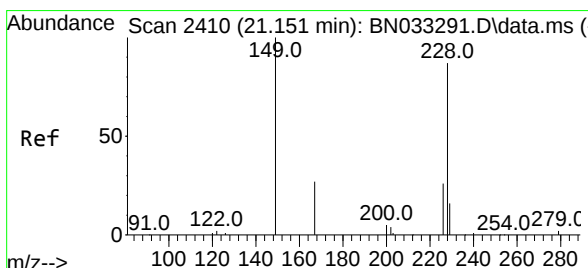
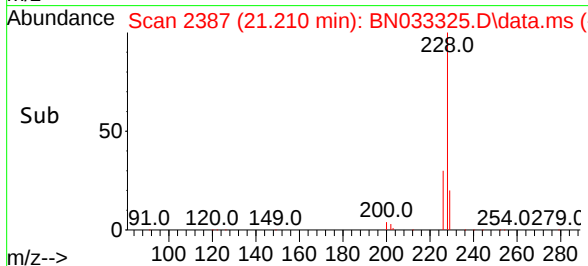
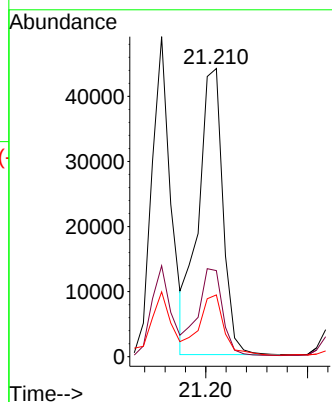
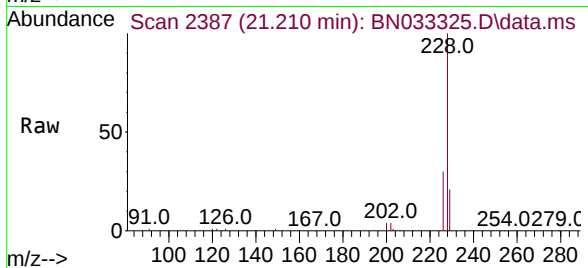
Tgt Ion:228 Resp: 74109

Ion Ratio Lower Upper

228 100

226 29.9 23.8 35.8

229 21.4 15.8 23.8



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.046 ng

RT: 21.139 min Scan# 2379

Delta R.T. -0.013 min

Lab File: BN033325.D

Acq: 09 Aug 2024 20:08

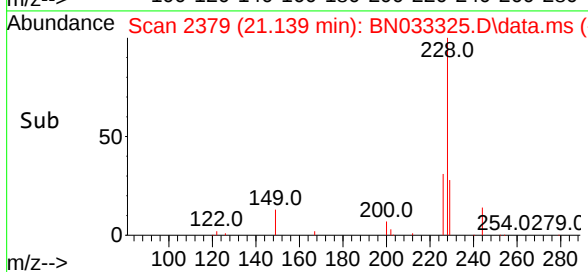
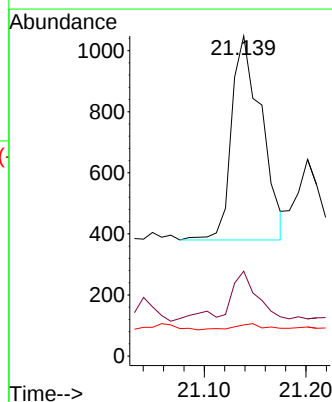
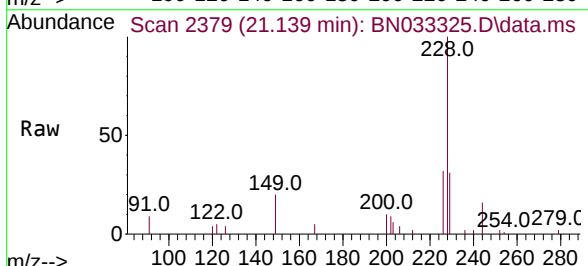
Tgt Ion:149 Resp: 1365

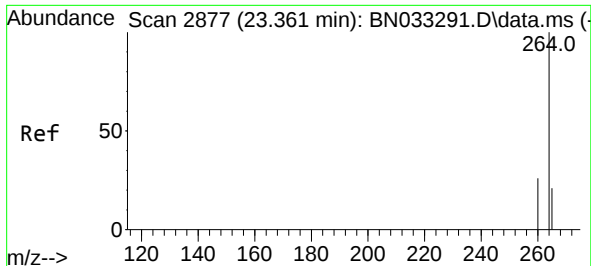
Ion Ratio Lower Upper

149 100

167 19.0 21.6 32.4#

279 3.2 2.6 4.0

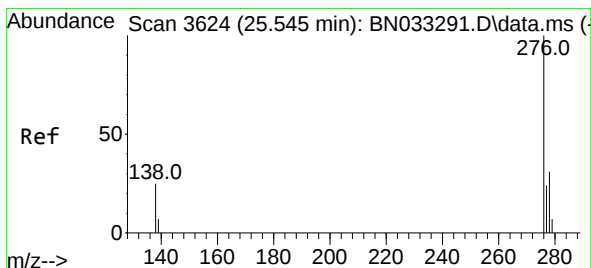
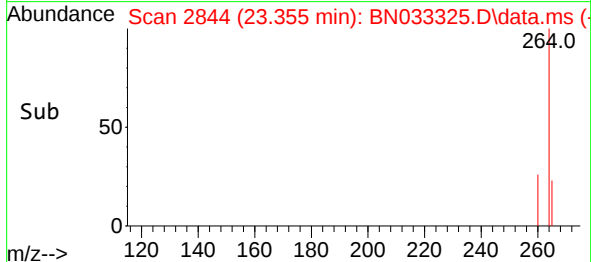
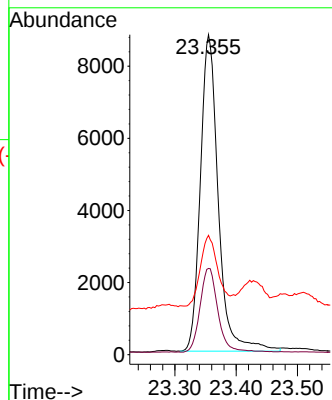
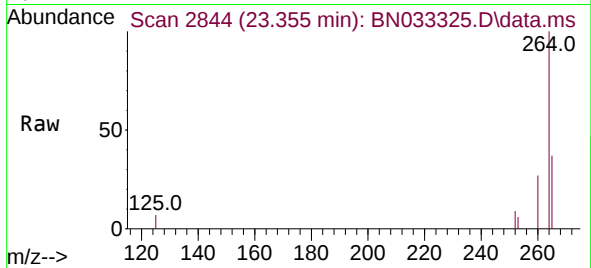




#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.355 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BN033325.D
 Acq: 09 Aug 2024 20:08

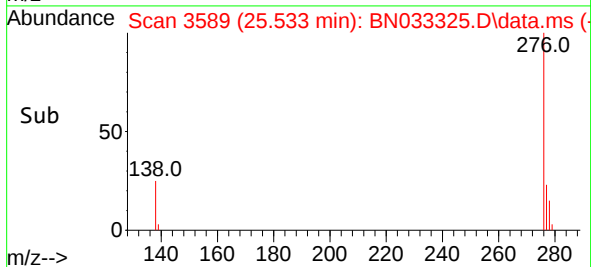
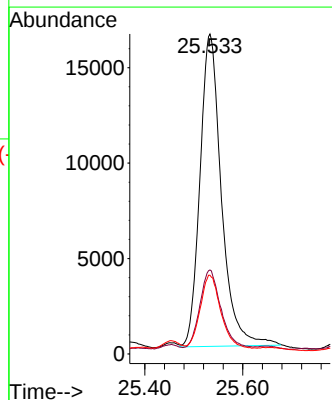
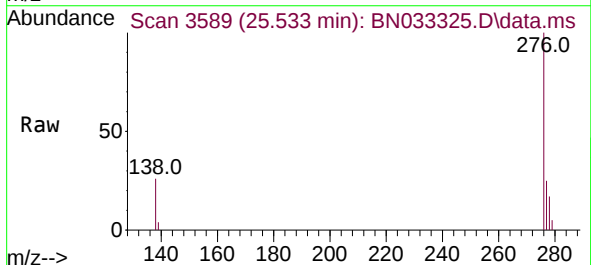
Instrument :
 BNA_N
 ClientSampleId :
 927-K1-SD-0-0.5-080724

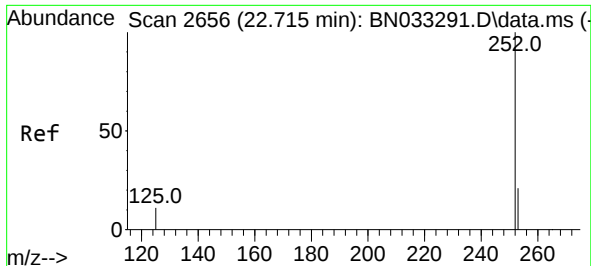
Tgt Ion:264 Resp: 17835
 Ion Ratio Lower Upper
 264 100
 260 26.9 21.4 32.0
 265 37.3 22.4 33.6#



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.639 ng
 RT: 25.533 min Scan# 3589
 Delta R.T. -0.012 min
 Lab File: BN033325.D
 Acq: 09 Aug 2024 20:08

Tgt Ion:276 Resp: 49877
 Ion Ratio Lower Upper
 276 100
 138 24.7 22.7 34.1
 277 22.2 19.8 29.8





#37

Benzo(b)fluoranthene

Concen: 1.644 ng

RT: 22.709 min Scan# 2623

Delta R.T. -0.006 min

Lab File: BN033325.D

Acq: 09 Aug 2024 20:08

Instrument :

BNA_N

ClientSampleId :

927-K1-SD-0-0.5-080724

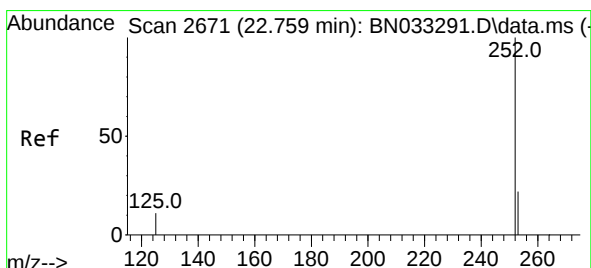
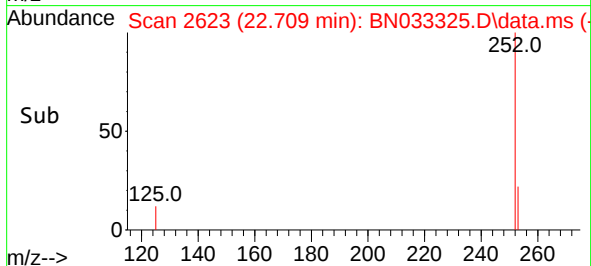
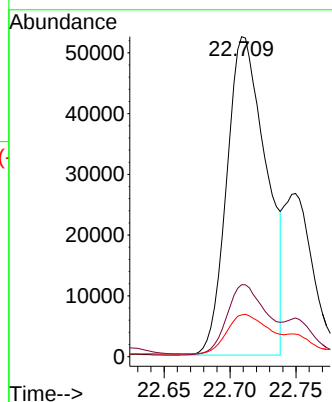
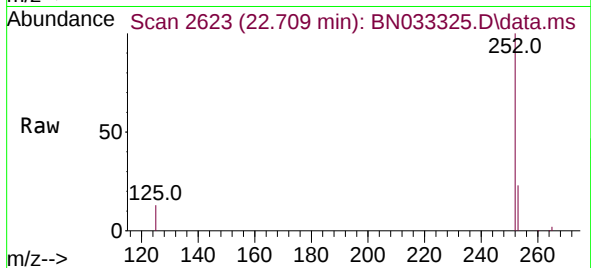
Tgt Ion:252 Resp: 108944

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.6

125 13.0 10.0 15.0



#38

Benzo(k)fluoranthene

Concen: 1.692 ng

RT: 22.709 min Scan# 2623

Delta R.T. -0.050 min

Lab File: BN033325.D

Acq: 09 Aug 2024 20:08

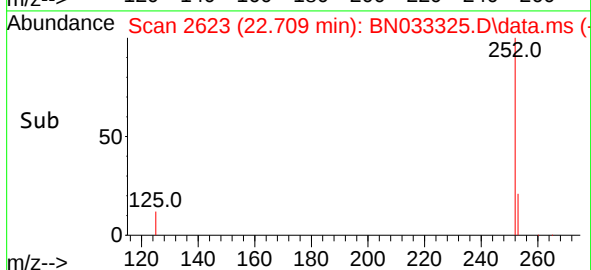
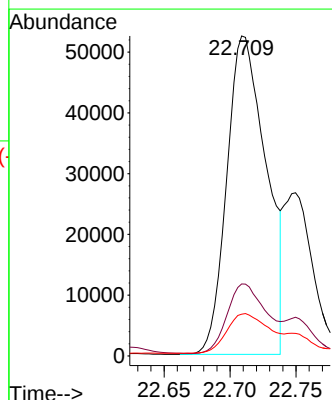
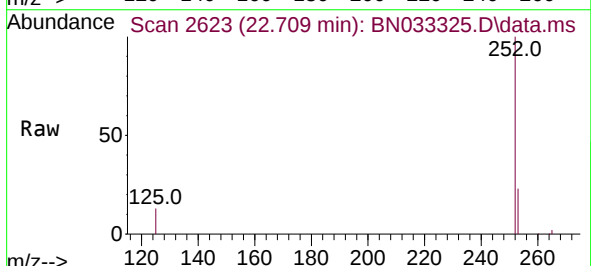
Tgt Ion:252 Resp: 108944

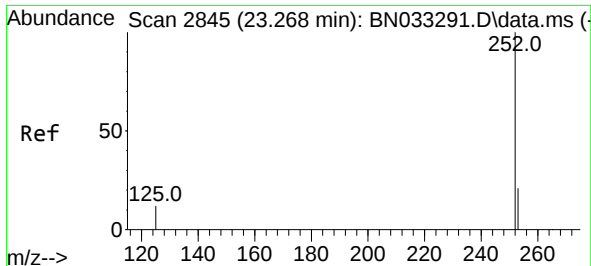
Ion Ratio Lower Upper

252 100

253 22.5 18.3 27.5

125 13.0 10.2 15.4

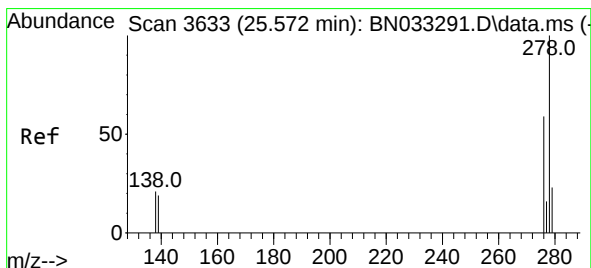
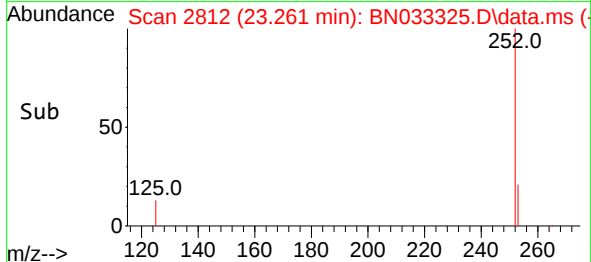
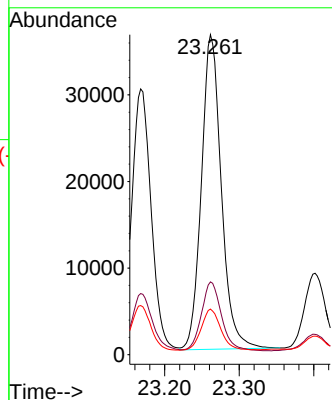
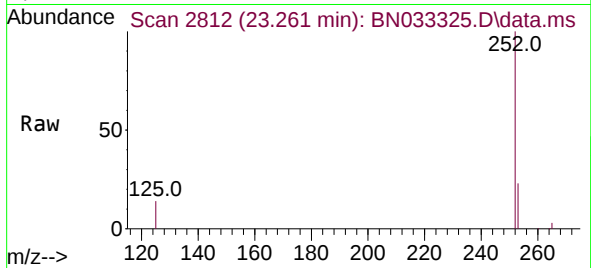




#39
Benzo(a)pyrene
Concen: 1.145 ng
RT: 23.261 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN033325.D
Acq: 09 Aug 2024 20:08

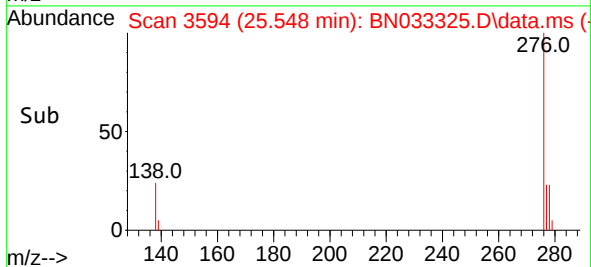
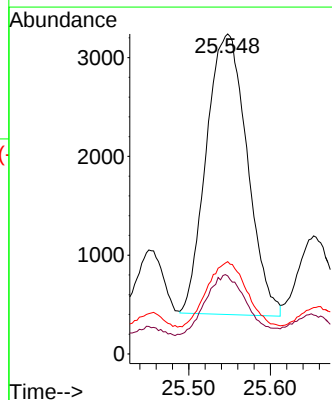
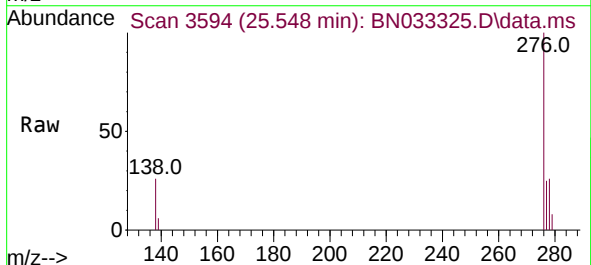
Instrument :
BNA_N
ClientSampleId :
927-K1-SD-0-0.5-080724

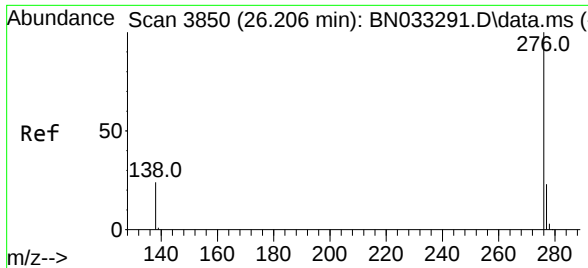
Tgt Ion:252 Resp: 67439
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.4
125 14.2 11.4 17.2



#40
Dibenzo(a,h)anthracene
Concen: 0.160 ng
RT: 25.548 min Scan# 3594
Delta R.T. -0.024 min
Lab File: BN033325.D
Acq: 09 Aug 2024 20:08

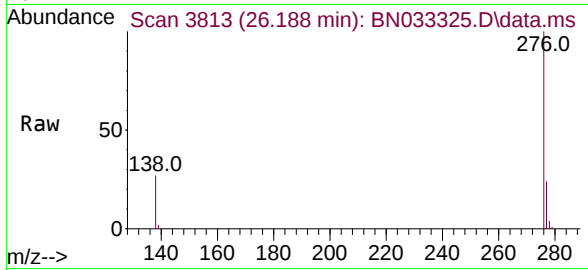
Tgt Ion:278 Resp: 9877
Ion Ratio Lower Upper
278 100
139 24.4 16.3 24.5
279 28.8 19.4 29.2





#41
Benzo(g,h,i)perylene
Concen: 0.772 ng
RT: 26.188 min Scan# 3813
Delta R.T. -0.018 min
Lab File: BN033325.D
Acq: 09 Aug 2024 20:08

Instrument :
BNA_N
ClientSampleId :
927-K1-SD-0-0.5-080724



Tgt Ion:276 Resp: 51763
Ion Ratio Lower Upper
276 100
277 23.8 19.0 28.4
138 26.9 20.8 31.2

