

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080924\
 Data File : BN033318.D
 Acq On : 09 Aug 2024 14:46
 Operator : MA/JU
 Sample : P3515-02RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT189D2-HYD-20240806RE

Quant Time: Aug 09 15:14:19 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)

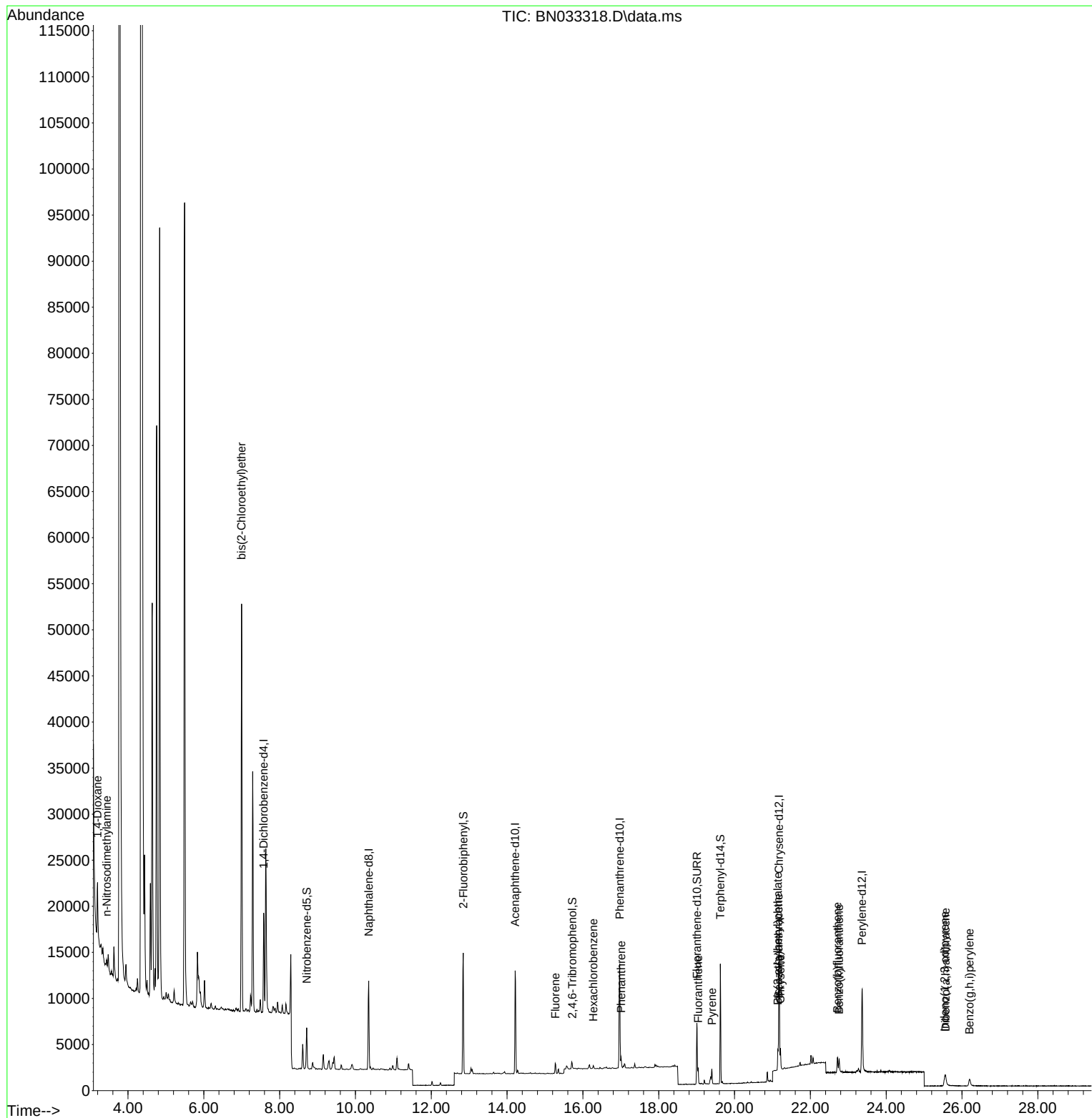
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.580	152	4512	0.400	ng	0.00
7) Naphthalene-d8	10.349	136	12206	0.400	ng	# 0.00
13) Acenaphthene-d10	14.212	164	6624	0.400	ng	0.00
19) Phenanthrene-d10	16.971	188	15760	0.400	ng	# 0.00
29) Chrysene-d12	21.175	240	13557	0.400	ng	# 0.00
35) Perylene-d12	23.364	264	12553	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.204	112	198	0.017	ng	0.00
5) Phenol-d6	6.757	99	19	0.001	ng	0.00
8) Nitrobenzene-d5	8.715	82	3330	0.447	ng	0.00
11) 2-Methylnaphthalene-d10	11.879	152	5	0.000	ng	-0.07
14) 2,4,6-Tribromophenol	15.717	330	479	0.179	ng	0.00
15) 2-Fluorobiphenyl	12.844	172	11560	0.463	ng	0.00
27) Fluoranthene-d10	19.007	212	7231	0.167	ng	0.00
31) Terphenyl-d14	19.625	244	11640	0.498	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.196	88	3943	0.789	ng	# 83
3) n-Nitrosodimethylamine	3.442	42	1115	0.176	ng	# 1
6) bis(2-Chloroethyl)ether	6.995	93	25796	1.858	ng	# 41
18) Fluorene	15.271	166	563	0.021	ng	98
22) Hexachlorobenzene	16.276	284	225	0.022	ng	# 85
25) Phenanthrene	17.008	178	1055	0.023	ng	95
28) Fluoranthene	19.039	202	1548	0.027	ng	# 96
30) Pyrene	19.402	202	1397	0.026	ng	100
32) Benzo(a)anthracene	21.157	228	1443	0.027	ng	# 90
33) Chrysene	21.210	228	1759	0.035	ng	92
34) Bis(2-ethylhexyl)phtha...	21.139	149	2077	0.076	ng	99
36) Indeno(1,2,3-cd)pyrene	25.545	276	1872	0.034	ng	96
37) Benzo(b)fluoranthene	22.715	252	2102	0.045	ng	# 65
38) Benzo(k)fluoranthene	22.759	252	1839	0.041	ng	# 64
40) Dibenzo(a,h)anthracene	25.568	278	1359	0.031	ng	# 56
41) Benzo(g,h,i)perylene	26.197	276	1600	0.034	ng	# 74

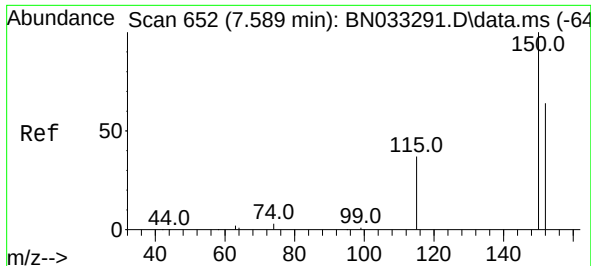
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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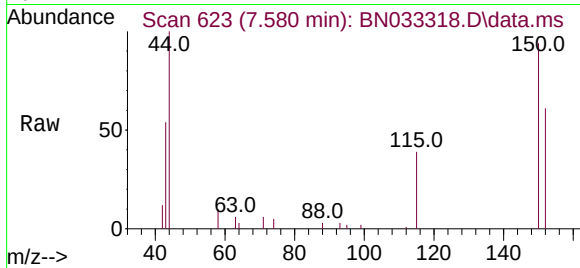
Quant Time: Aug 09 15:14:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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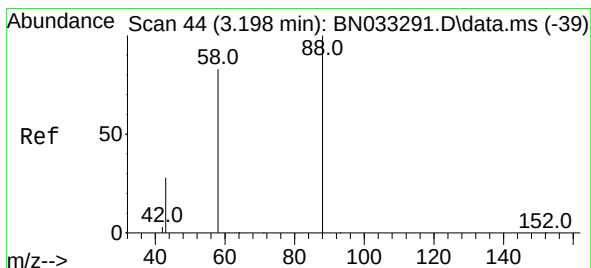
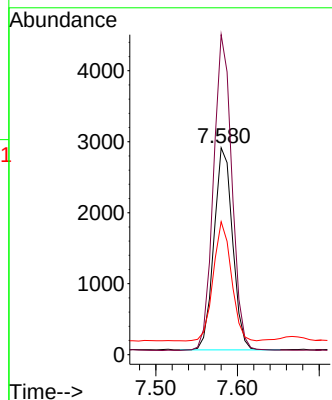
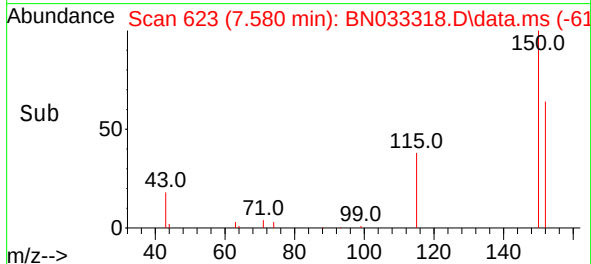


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.580 min Scan# 61
 Delta R.T. -0.009 min
 Lab File: BN033318.D
 Acq: 09 Aug 2024 14:46

Instrument :
 BNA_N
 ClientSampleId :
 TT189D2-HYD-20240806RE

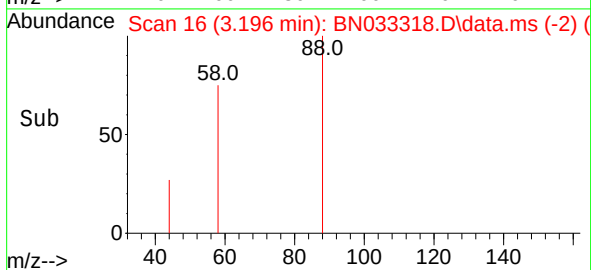
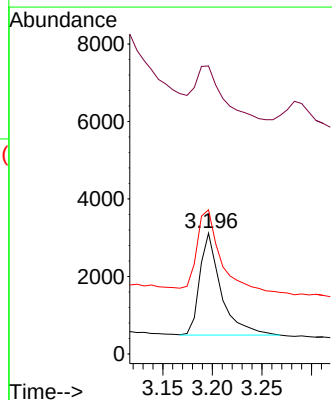
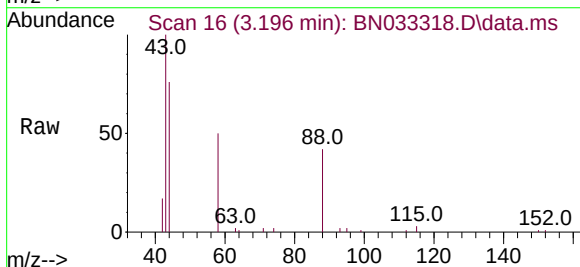


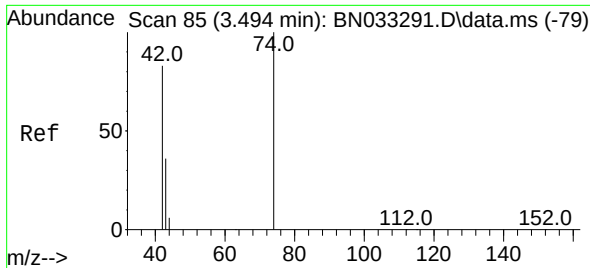
Tgt Ion:152 Resp: 4512
 Ion Ratio Lower Upper
 152 100
 150 154.6 120.7 181.1
 115 64.3 55.8 83.8



#2
 1,4-Dioxane
 Concen: 0.789 ng
 RT: 3.196 min Scan# 16
 Delta R.T. -0.002 min
 Lab File: BN033318.D
 Acq: 09 Aug 2024 14:46

Tgt Ion: 88 Resp: 3943
 Ion Ratio Lower Upper
 88 100
 43 65.4 37.0 55.6#
 58 90.1 65.1 97.7

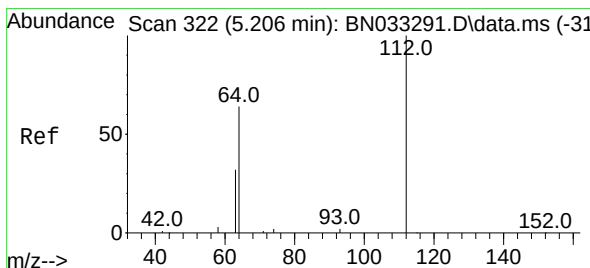
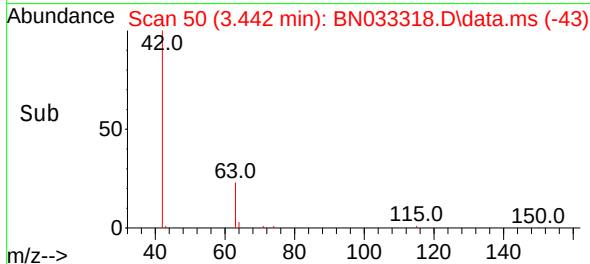
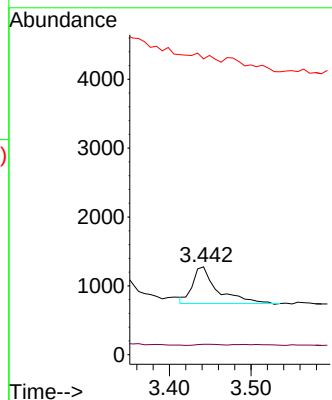
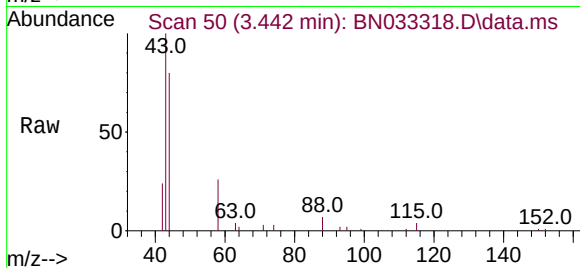




#3
 n-Nitrosodimethylamine
 Concen: 0.176 ng
 RT: 3.442 min Scan# 50
 Delta R.T. -0.053 min
 Lab File: BN033318.D
 Acq: 09 Aug 2024 14:46

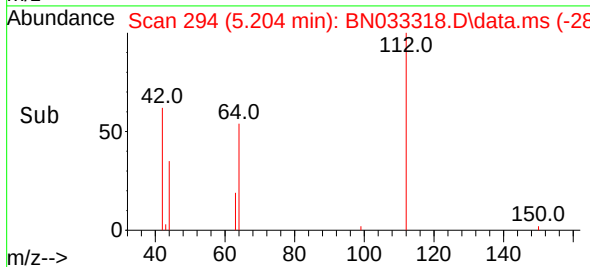
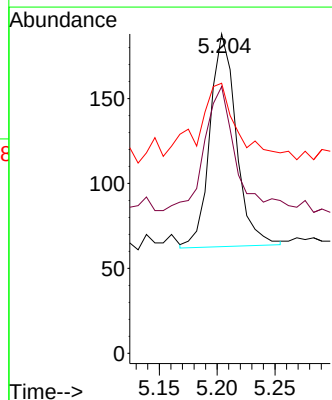
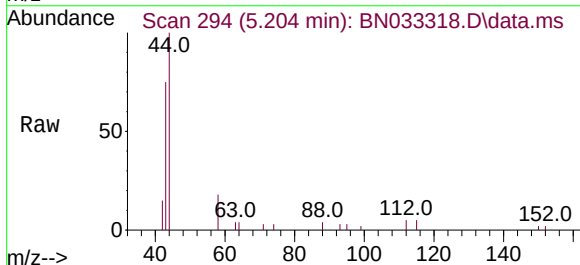
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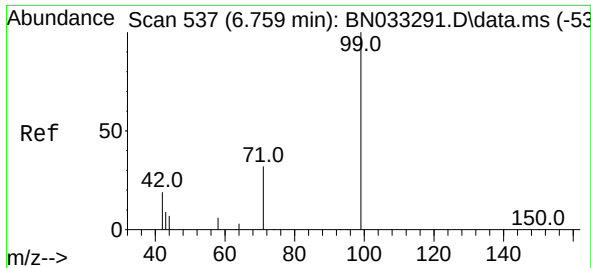
Tgt Ion: 42 Resp: 1115
 Ion Ratio Lower Upper
 42 100
 74 3.0 94.9 142.3#
 44 0.0 7.0 10.4#



#4
 2-Fluorophenol
 Concen: 0.017 ng
 RT: 5.204 min Scan# 294
 Delta R.T. -0.002 min
 Lab File: BN033318.D
 Acq: 09 Aug 2024 14:46

Tgt Ion: 112 Resp: 198
 Ion Ratio Lower Upper
 112 100
 64 69.2 48.7 73.1
 63 57.1 25.4 38.2#

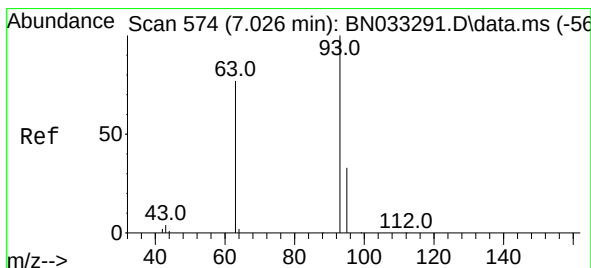
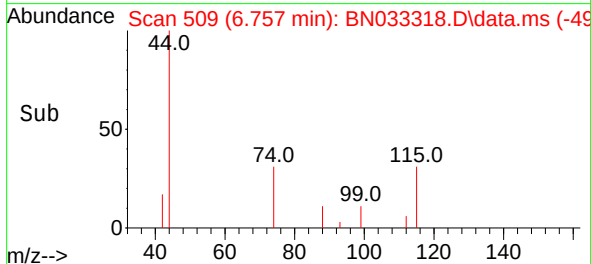
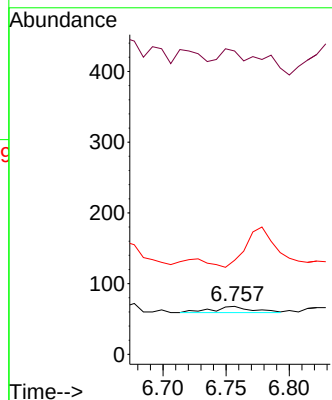
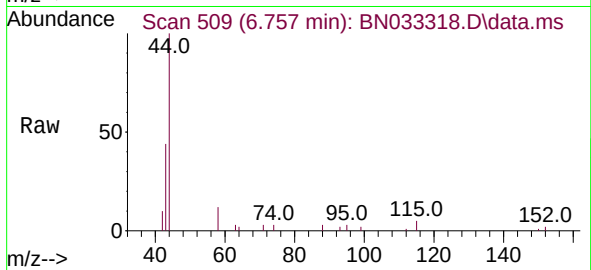




#5
Phenol-d6
Concen: 0.001 ng
RT: 6.757 min Scan# 509
Delta R.T. -0.002 min
Lab File: BN033318.D
Acq: 09 Aug 2024 14:46

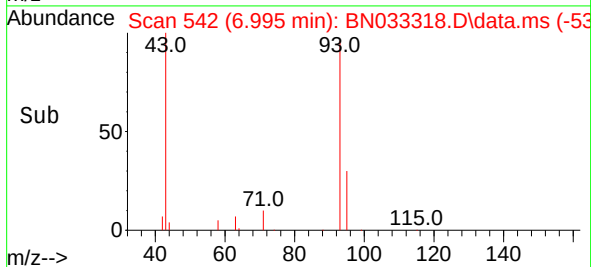
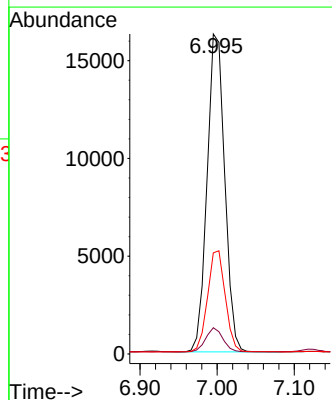
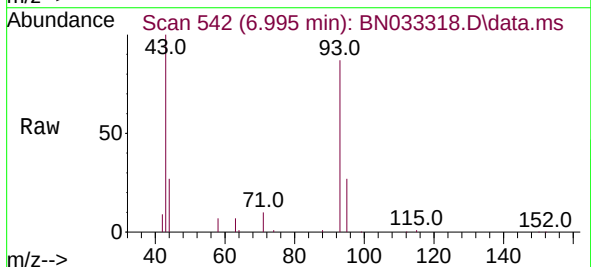
Instrument :
BNA_N
ClientSampleId :
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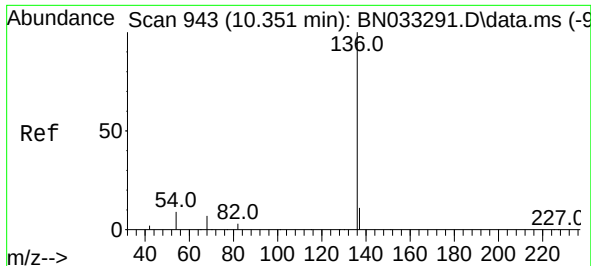
Tgt Ion: 99 Resp: 19
Ion Ratio Lower Upper
99 100
42 452.6 19.3 28.9#
71 0.0 27.6 41.4#



#6
bis(2-Chloroethyl)ether
Concen: 1.858 ng
RT: 6.995 min Scan# 542
Delta R.T. -0.031 min
Lab File: BN033318.D
Acq: 09 Aug 2024 14:46

Tgt Ion: 93 Resp: 25796
Ion Ratio Lower Upper
93 100
63 7.4 64.5 96.7#
95 32.0 26.6 39.8

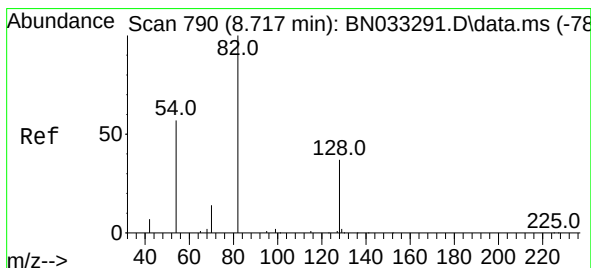
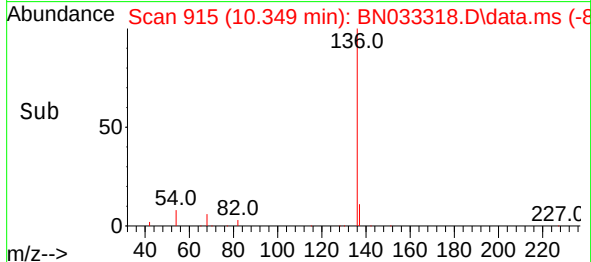
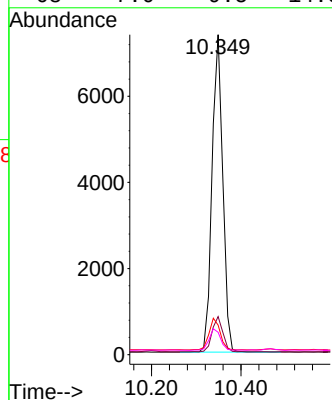
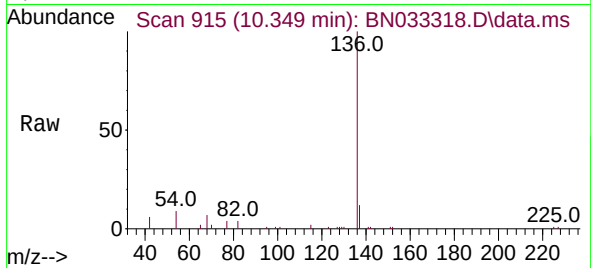




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.349 min Scan# 915
Delta R.T. -0.002 min
Lab File: BN033318.D
Acq: 09 Aug 2024 14:46

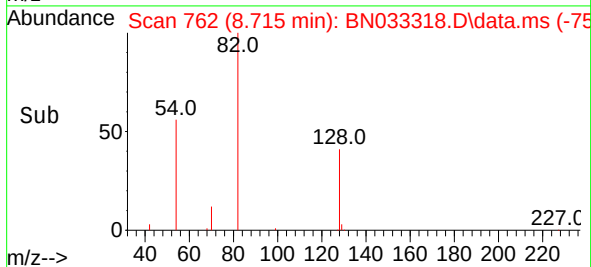
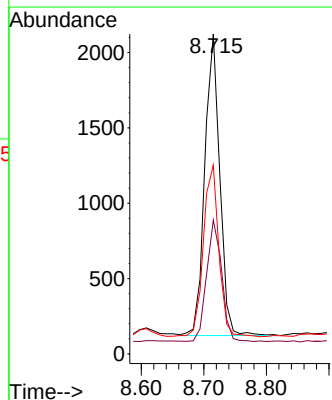
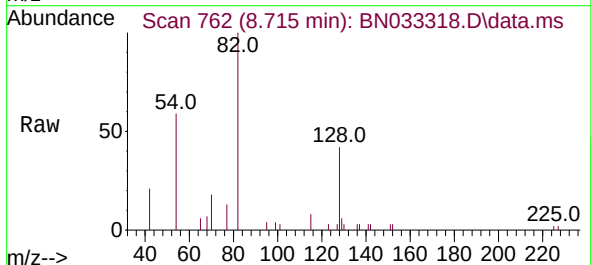
Instrument :
BNA_N
ClientSampleId :
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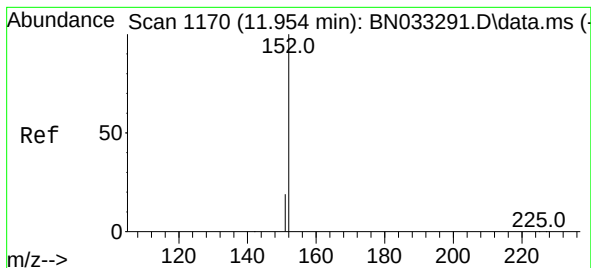
Tgt Ion:136	Resp:	12206
Ion Ratio	Lower	Upper
136	100	
137	11.9	9.9 14.9
54	9.3	11.4 17.2#
68	7.0	9.5 14.3#



#8
Nitrobenzene-d5
Concen: 0.447 ng
RT: 8.715 min Scan# 762
Delta R.T. -0.002 min
Lab File: BN033318.D
Acq: 09 Aug 2024 14:46

Tgt Ion: 82	Resp:	3330
Ion Ratio	Lower	Upper
82	100	
128	41.8	29.4 44.2
54	59.0	50.0 75.0

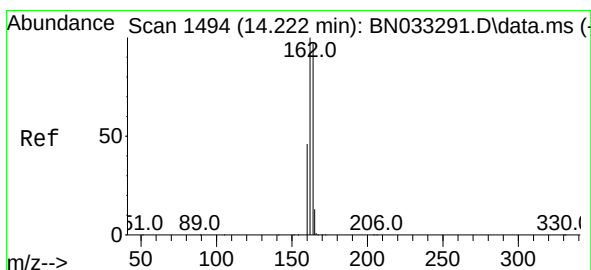
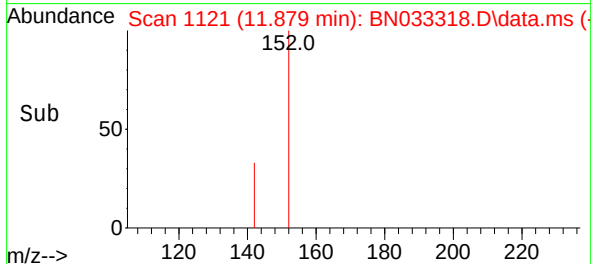
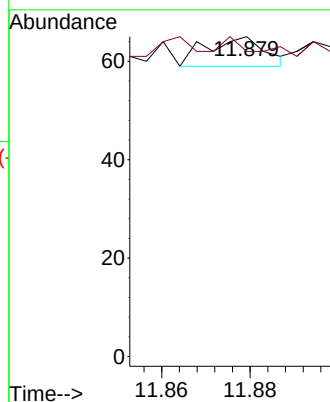
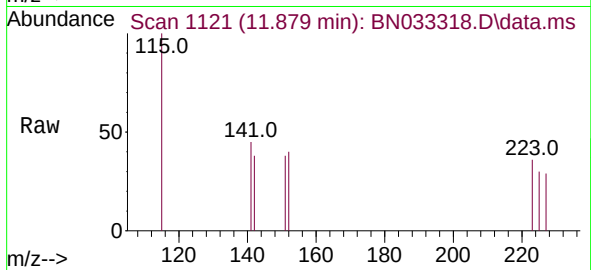




#11
2-Methylnaphthalene-d10
Concen: 0.000 ng
RT: 11.879 min Scan# 1170
Delta R.T. -0.075 min
Lab File: BN033318.D
Acq: 09 Aug 2024 14:46

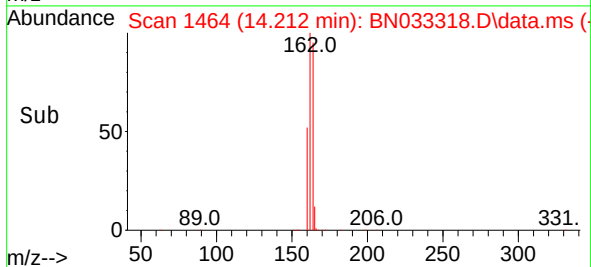
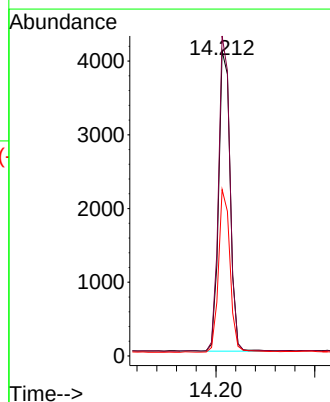
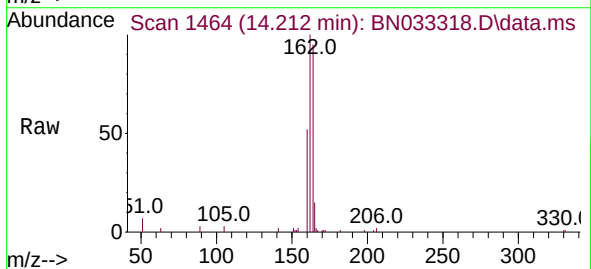
Instrument :
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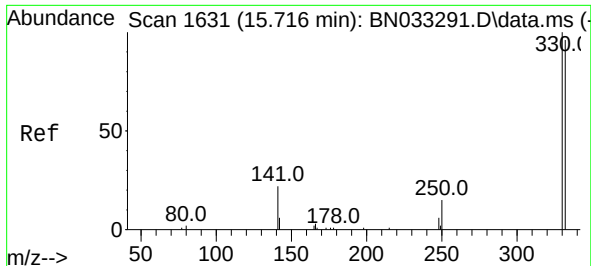
Tgt Ion:152 Resp: 5
Ion Ratio Lower Upper
152 100
151 20.0 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.212 min Scan# 1464
Delta R.T. -0.010 min
Lab File: BN033318.D
Acq: 09 Aug 2024 14:46

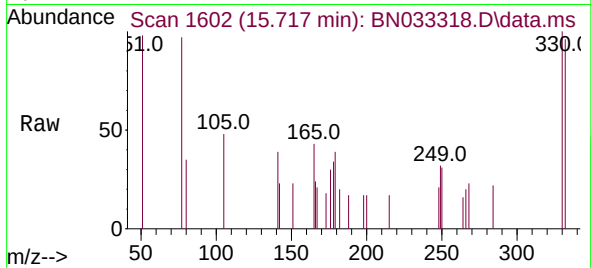
Tgt Ion:164 Resp: 6624
Ion Ratio Lower Upper
164 100
162 105.0 82.6 124.0
160 54.6 38.2 57.4



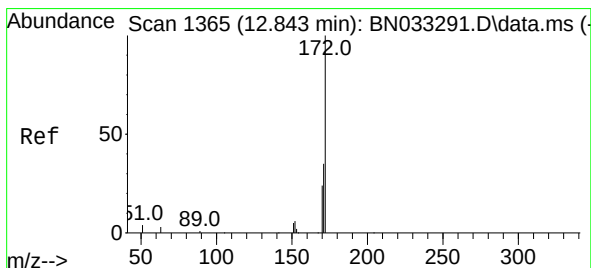
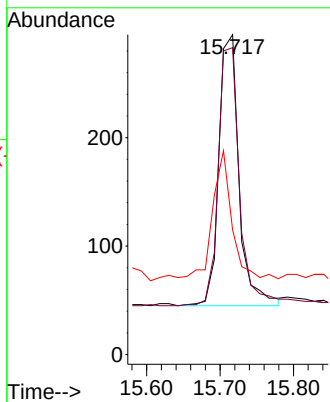
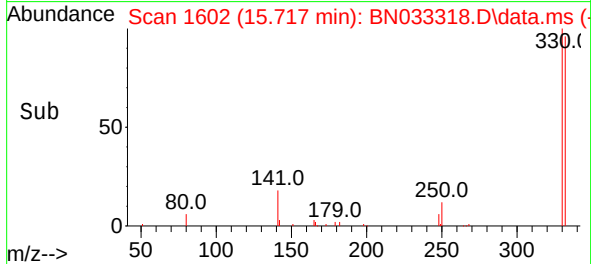


#14
2,4,6-Tribromophenol
Concen: 0.179 ng
RT: 15.717 min Scan# 1602
Delta R.T. 0.001 min
Lab File: BN033318.D
Acq: 09 Aug 2024 14:46

Instrument :
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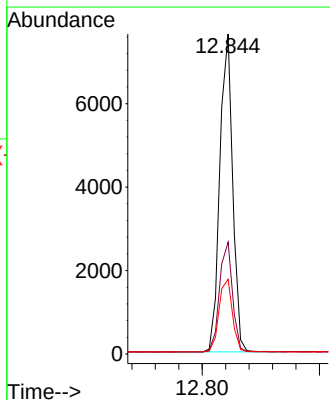
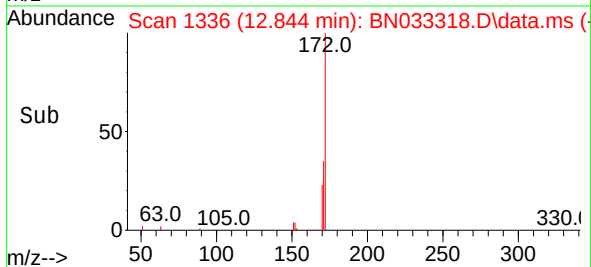
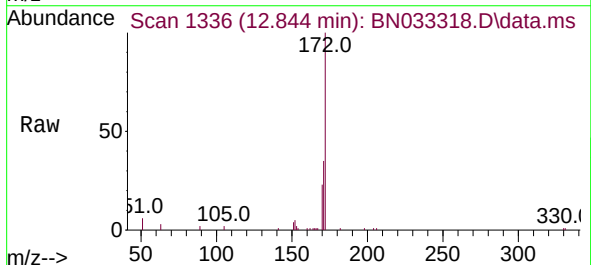


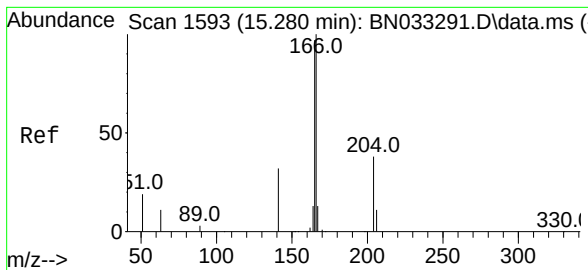
Tgt Ion:330 Resp: 479
Ion Ratio Lower Upper
330 100
332 101.5 75.6 113.4
141 43.6 31.0 46.4



#15
2-Fluorobiphenyl
Concen: 0.463 ng
RT: 12.844 min Scan# 1336
Delta R.T. 0.001 min
Lab File: BN033318.D
Acq: 09 Aug 2024 14:46

Tgt Ion:172 Resp: 11560
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 23.3 19.4 29.2

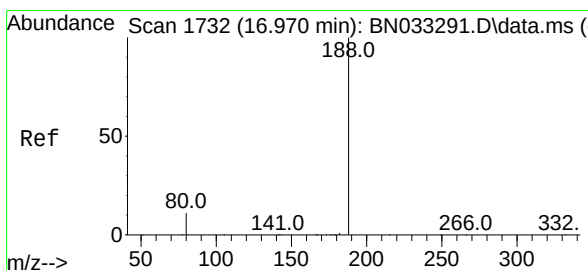
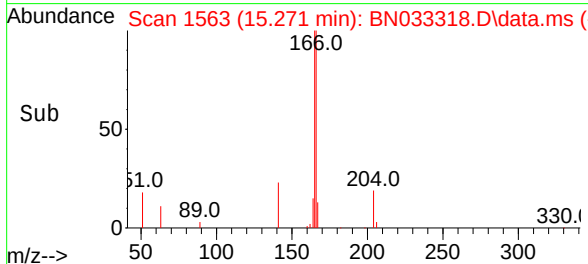
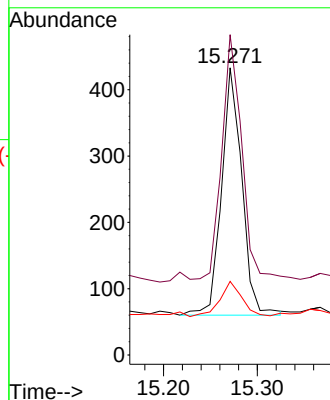
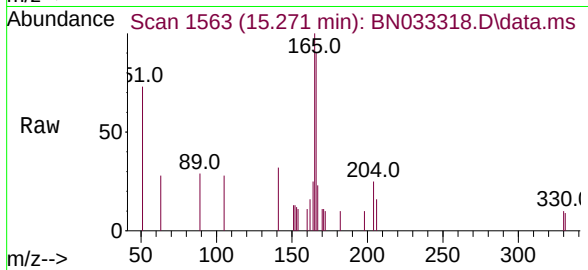




#18
 Fluorene
 Concen: 0.021 ng
 RT: 15.271 min Scan# 1563
 Delta R.T. -0.010 min
 Lab File: BN033318.D
 Acq: 09 Aug 2024 14:46

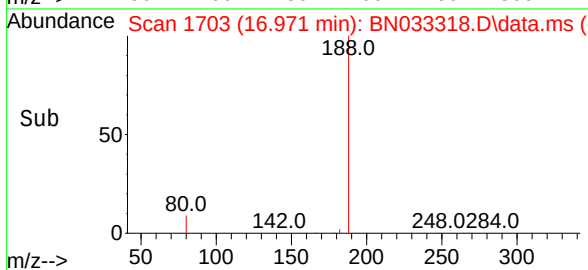
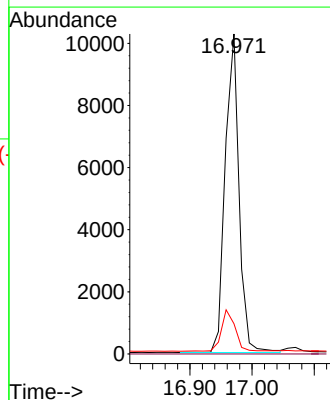
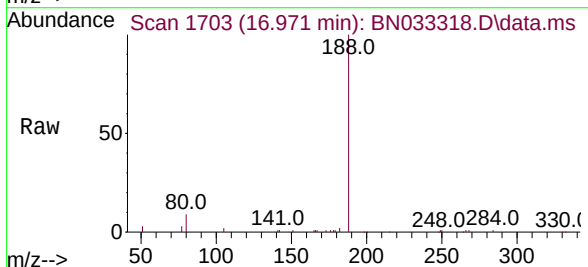
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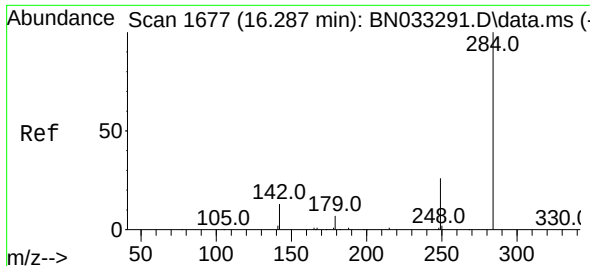
Tgt Ion:166 Resp: 563
 Ion Ratio Lower Upper
 166 100
 165 96.8 78.9 118.3
 167 15.5 10.6 16.0



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.971 min Scan# 1703
 Delta R.T. 0.001 min
 Lab File: BN033318.D
 Acq: 09 Aug 2024 14:46

Tgt Ion:188 Resp: 15760
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 9.5 10.5 15.7#

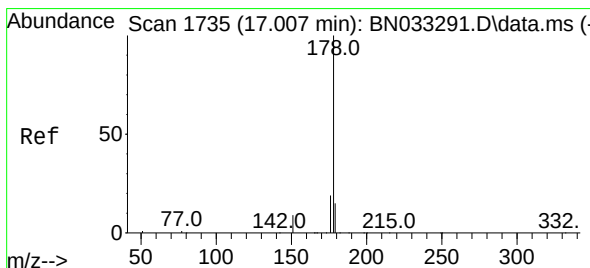
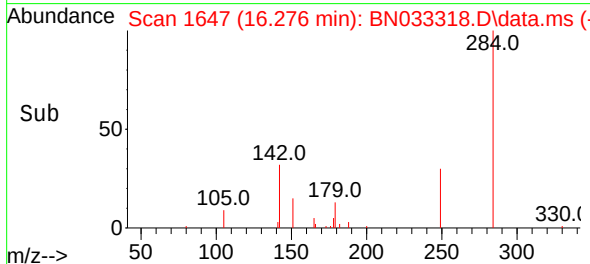
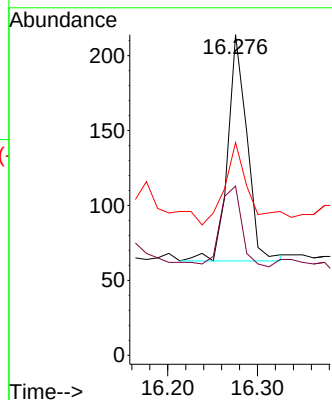
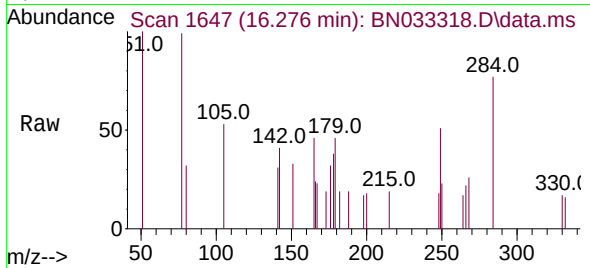




#22
Hexachlorobenzene
Concen: 0.022 ng
RT: 16.276 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN033318.D
Acq: 09 Aug 2024 14:46

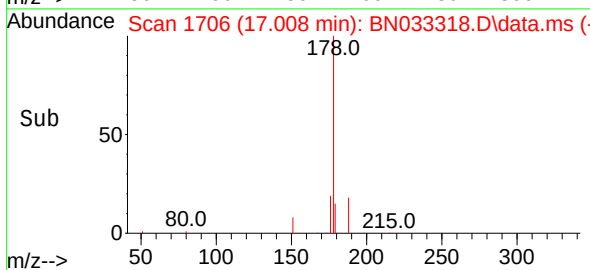
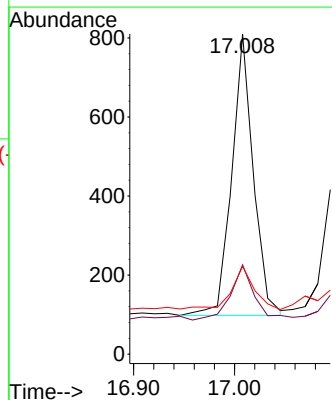
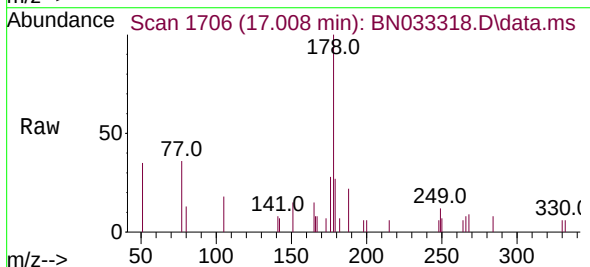
Instrument :
BNA_N
ClientSampleId :
TT189D2-HYD-20240806RE

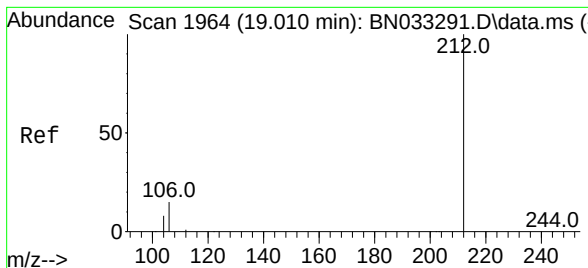
Tgt Ion:284 Resp: 225
Ion Ratio Lower Upper
284 100
142 40.0 30.6 45.8
249 47.1 24.6 36.8#



#25
Phenanthrene
Concen: 0.023 ng
RT: 17.008 min Scan# 1706
Delta R.T. 0.001 min
Lab File: BN033318.D
Acq: 09 Aug 2024 14:46

Tgt Ion:178 Resp: 1055
Ion Ratio Lower Upper
178 100
176 21.9 15.2 22.8
179 16.0 12.0 18.0

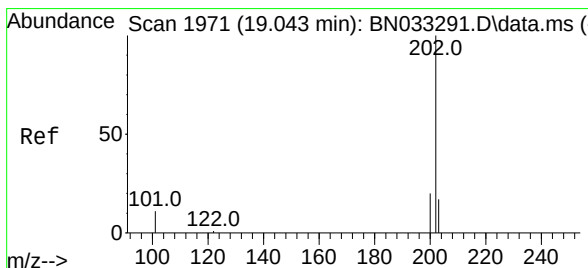
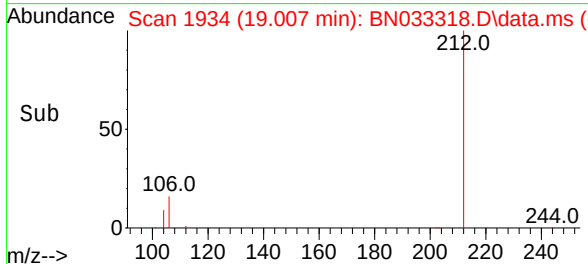
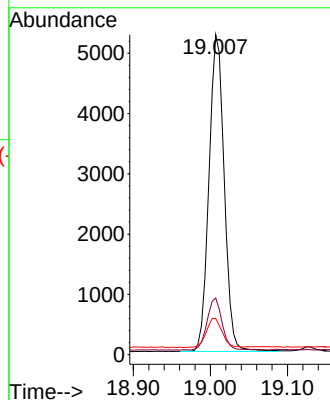
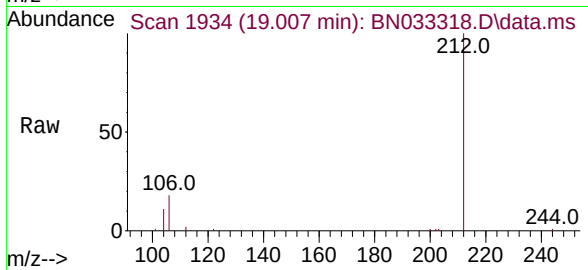




#27
Fluoranthene-d10
Concen: 0.167 ng
RT: 19.007 min Scan# 1941
Delta R.T. -0.004 min
Lab File: BN033318.D
Acq: 09 Aug 2024 14:46

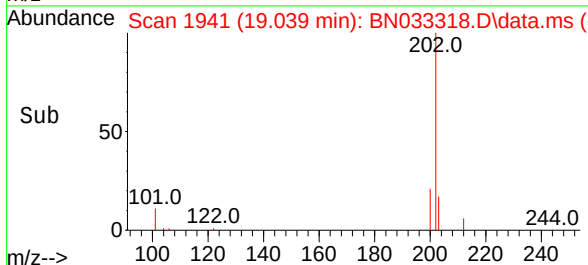
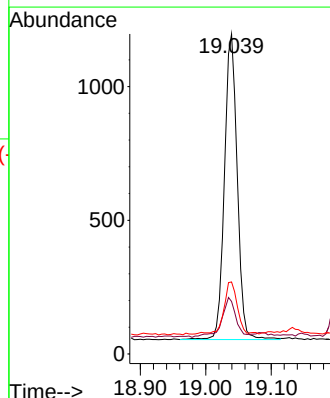
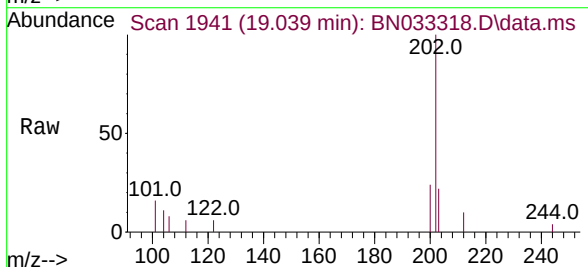
Instrument :
BNA_N
ClientSampleId :
TT189D2-HYD-20240806RE

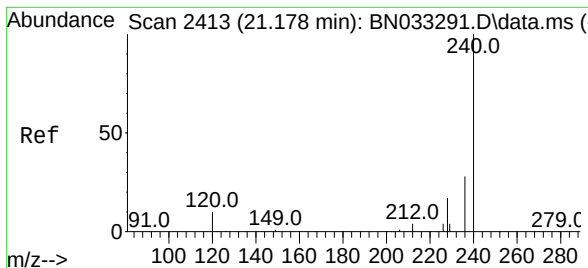
Tgt Ion:212 Resp: 7231
Ion Ratio Lower Upper
212 100
106 16.3 12.2 18.4
104 9.4 6.9 10.3



#28
Fluoranthene
Concen: 0.027 ng
RT: 19.039 min Scan# 1941
Delta R.T. -0.004 min
Lab File: BN033318.D
Acq: 09 Aug 2024 14:46

Tgt Ion:202 Resp: 1548
Ion Ratio Lower Upper
202 100
101 14.3 9.4 14.0#
203 16.1 13.8 20.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.175 min Scan# 2413

Delta R.T. -0.004 min

Lab File: BN033318.D

Acq: 09 Aug 2024 14:46

Instrument :

BNA_N

ClientSampleId :

TT189D2-HYD-20240806RE

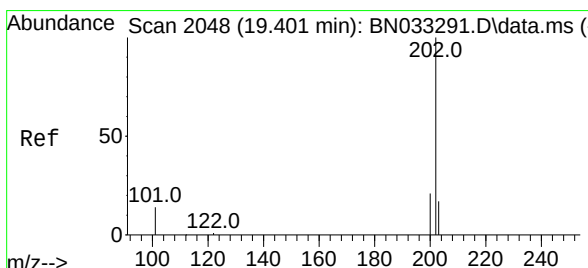
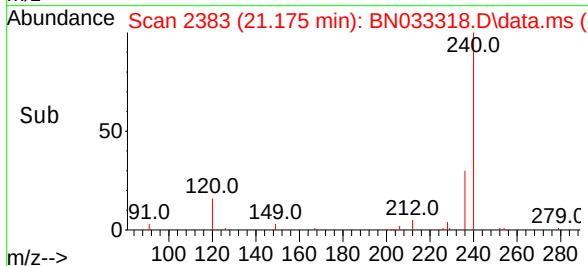
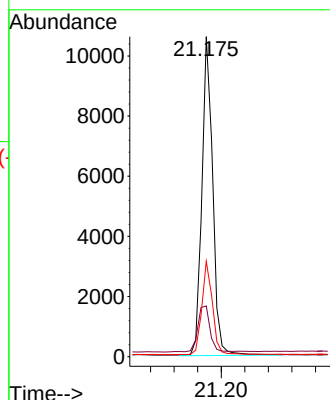
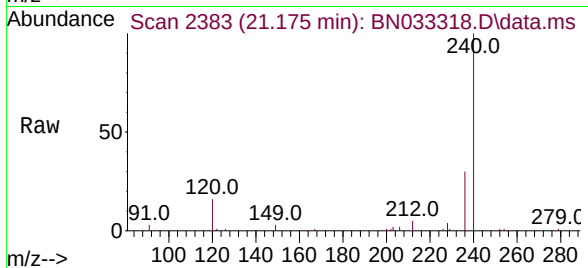
Tgt Ion:240 Resp: 13557

Ion Ratio Lower Upper

240 100

120 15.9 9.0 13.6#

236 29.8 22.4 33.6



#30

Pyrene

Concen: 0.026 ng

RT: 19.402 min Scan# 2019

Delta R.T. 0.001 min

Lab File: BN033318.D

Acq: 09 Aug 2024 14:46

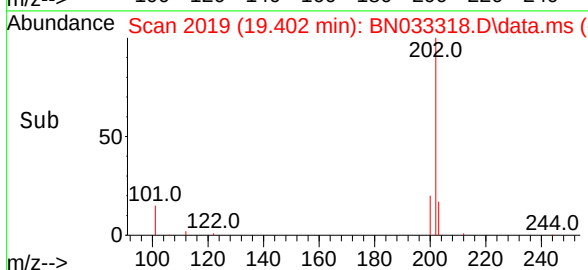
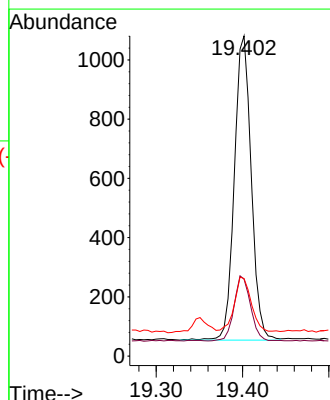
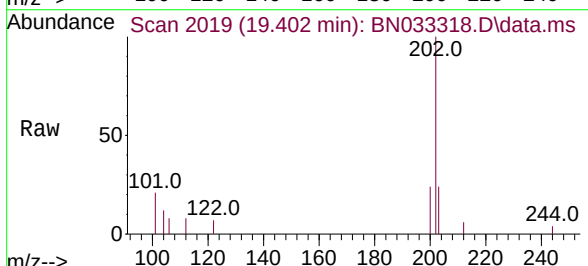
Tgt Ion:202 Resp: 1397

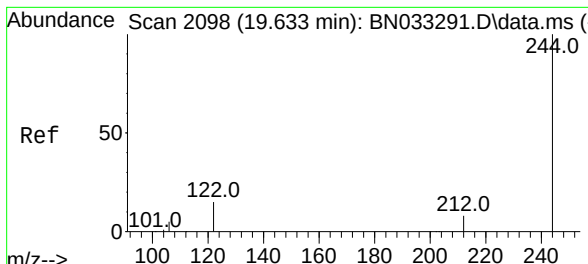
Ion Ratio Lower Upper

202 100

200 21.0 16.7 25.1

203 17.8 14.2 21.4

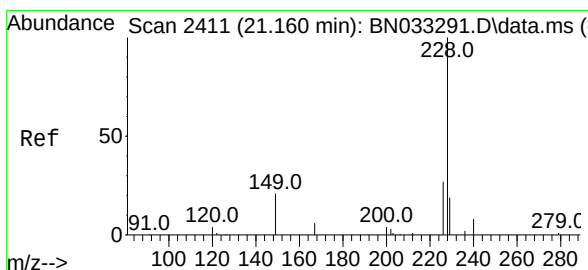
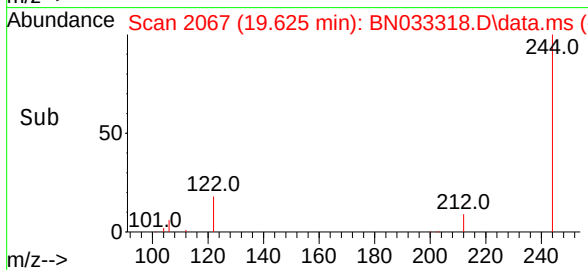
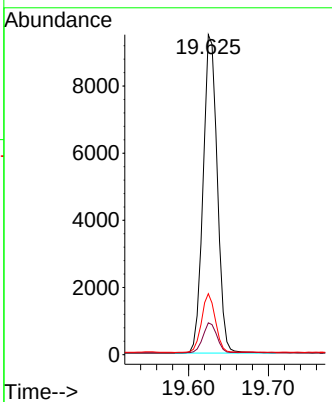
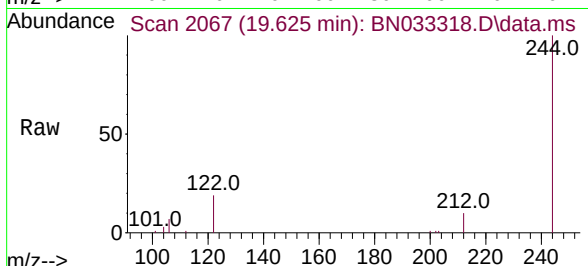




#31
 Terphenyl-d14
 Concen: 0.498 ng
 RT: 19.625 min Scan# 2098
 Delta R.T. -0.008 min
 Lab File: BN033318.D
 Acq: 09 Aug 2024 14:46

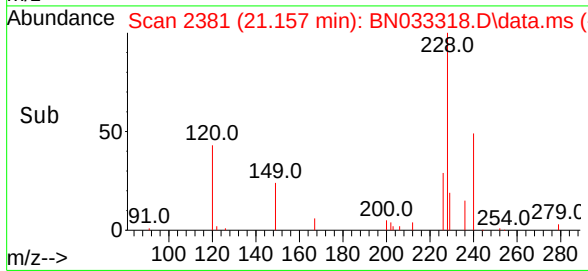
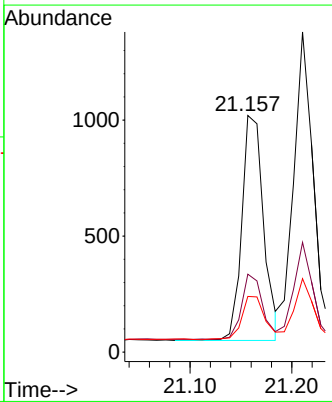
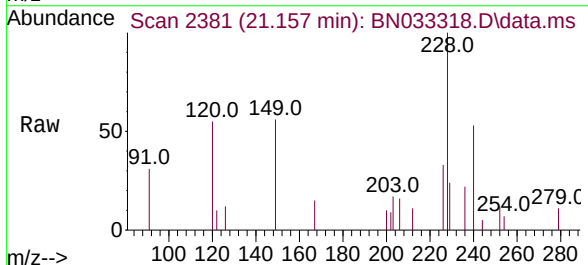
Instrument : BNA_N
 ClientSampleId : TT189D2-HYD-20240806RE

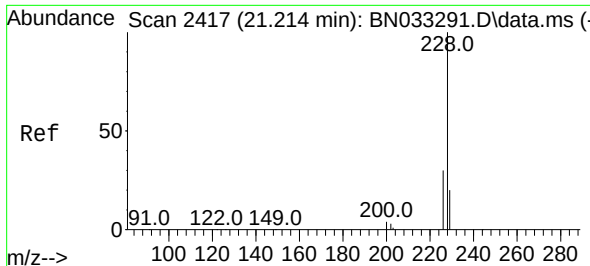
Tgt Ion:244	Resp:	11640
Ion Ratio	Lower	Upper
244	100	
212	9.9	7.2 10.8
122	19.1	12.7 19.1



#32
 Benzo(a)anthracene
 Concen: 0.027 ng
 RT: 21.157 min Scan# 2381
 Delta R.T. -0.004 min
 Lab File: BN033318.D
 Acq: 09 Aug 2024 14:46

Tgt Ion:228	Resp:	1443
Ion Ratio	Lower	Upper
228	100	
226	32.9	22.1 33.1
229	23.5	15.6 23.4

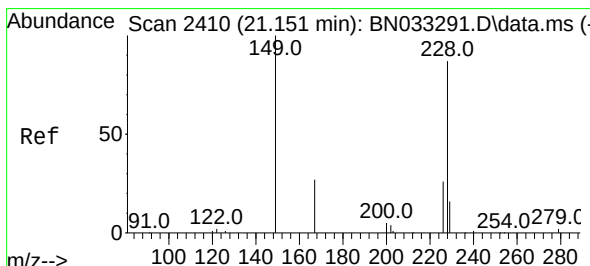
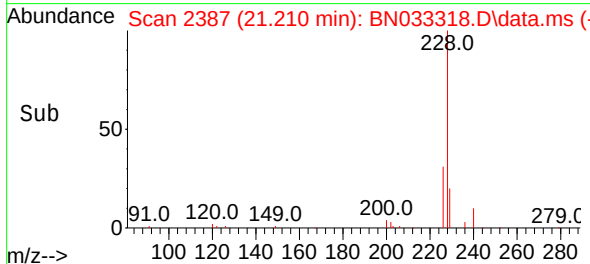
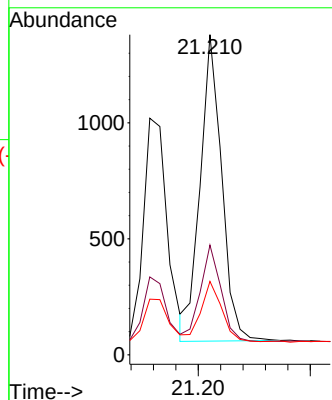
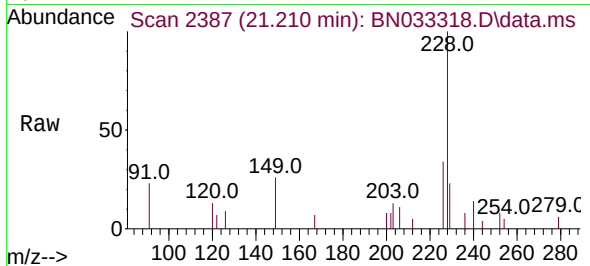




#33
Chrysene
Concen: 0.035 ng
RT: 21.210 min Scan# 2417
Delta R.T. -0.004 min
Lab File: BN033318.D
Acq: 09 Aug 2024 14:46

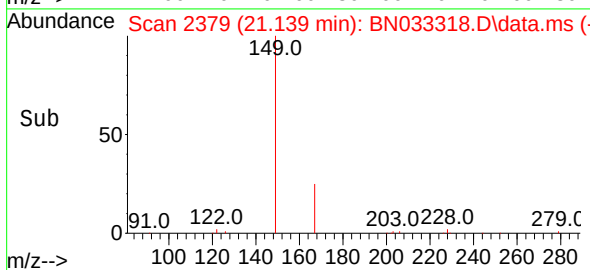
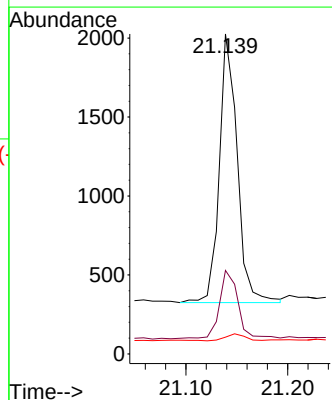
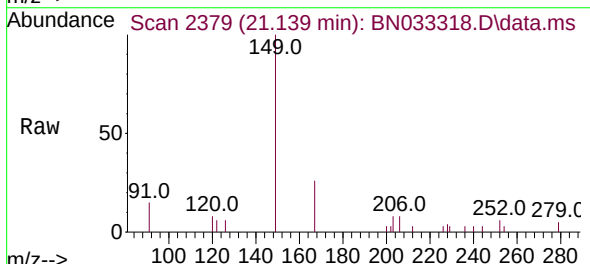
Instrument :
BNA_N
ClientSampleId :
TT189D2-HYD-20240806RE

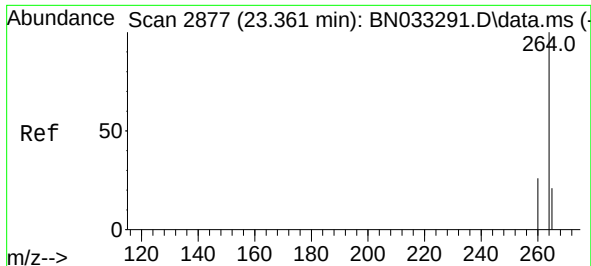
Tgt Ion:228 Resp: 1759
Ion Ratio Lower Upper
228 100
226 34.3 23.8 35.8
229 22.9 15.8 23.8



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.076 ng
RT: 21.139 min Scan# 2379
Delta R.T. -0.013 min
Lab File: BN033318.D
Acq: 09 Aug 2024 14:46

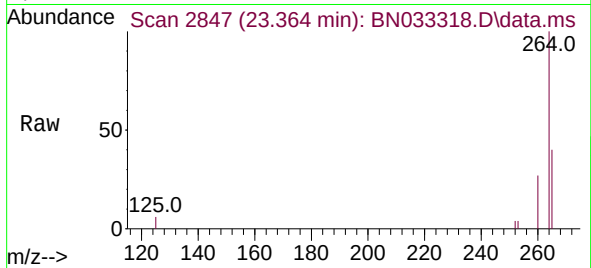
Tgt Ion:149 Resp: 2077
Ion Ratio Lower Upper
149 100
167 26.5 21.6 32.4
279 2.8 2.6 4.0



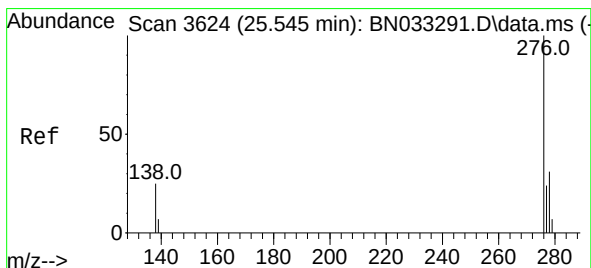
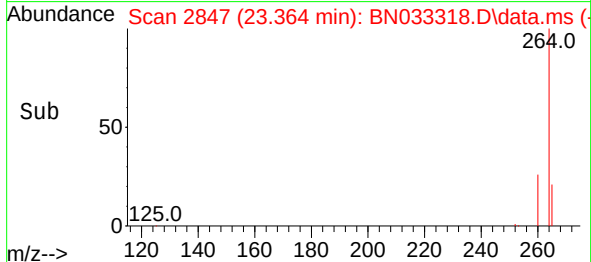
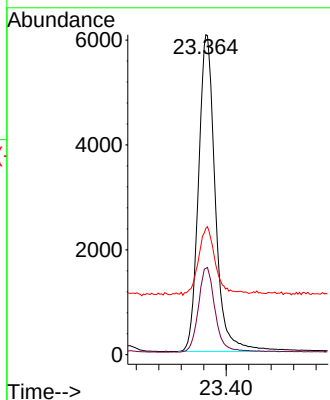


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.364 min Scan# 21
Delta R.T. 0.002 min
Lab File: BN033318.D
Acq: 09 Aug 2024 14:46

Instrument :
BNA_N
ClientSampleId :
TT189D2-HYD-20240806RE

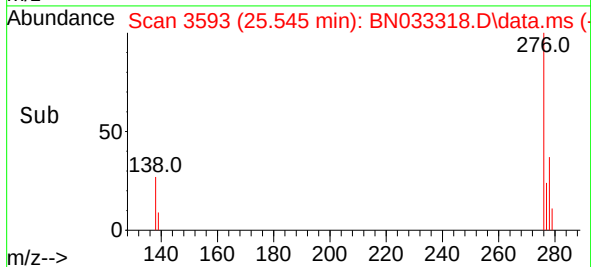
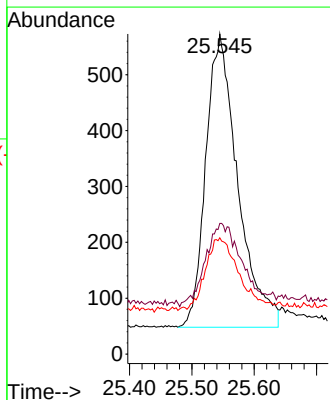
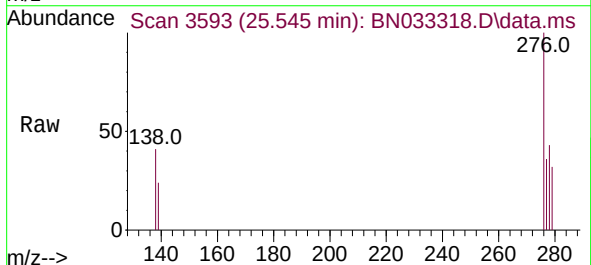


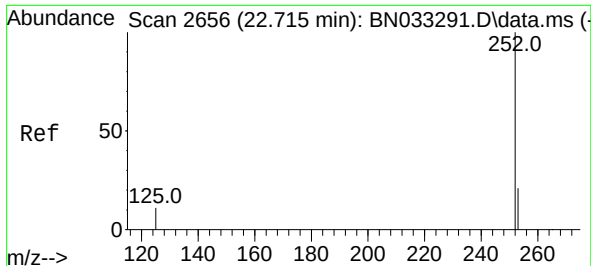
Tgt Ion:264 Resp: 12553
Ion Ratio Lower Upper
264 100
260 27.0 21.4 32.0
265 39.5 22.4 33.6#



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.034 ng
RT: 25.545 min Scan# 3593
Delta R.T. -0.000 min
Lab File: BN033318.D
Acq: 09 Aug 2024 14:46

Tgt Ion:276 Resp: 1872
Ion Ratio Lower Upper
276 100
138 32.2 22.7 34.1
277 25.2 19.8 29.8





#37

Benzo(b)fluoranthene

Concen: 0.045 ng

RT: 22.715 min Scan# 2656

Delta R.T. -0.000 min

Lab File: BN033318.D

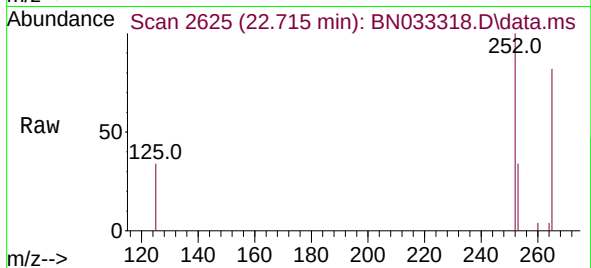
Acq: 09 Aug 2024 14:46

Instrument :

BNA_N

ClientSampleId :

TT189D2-HYD-20240806RE



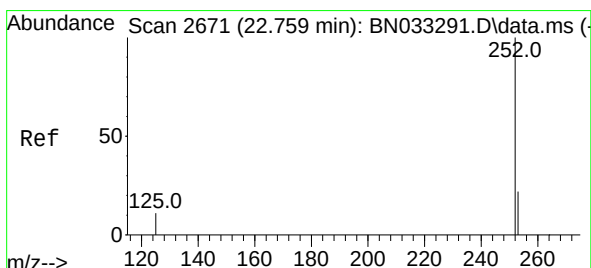
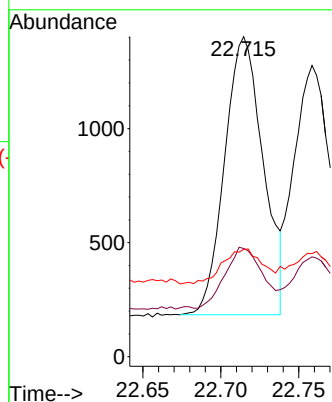
Tgt Ion:252 Resp: 2102

Ion Ratio Lower Upper

252 100

253 33.8 17.8 26.6#

125 33.6 10.0 15.0#



#38

Benzo(k)fluoranthene

Concen: 0.041 ng

RT: 22.759 min Scan# 2640

Delta R.T. -0.000 min

Lab File: BN033318.D

Acq: 09 Aug 2024 14:46

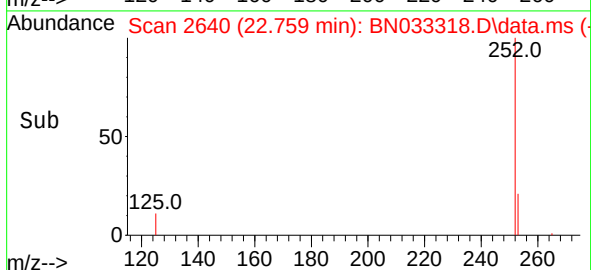
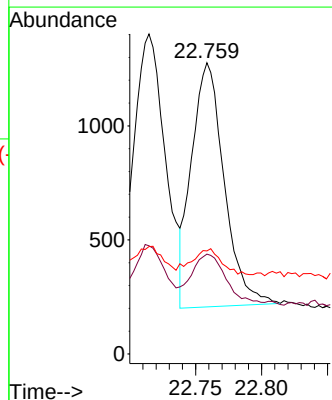
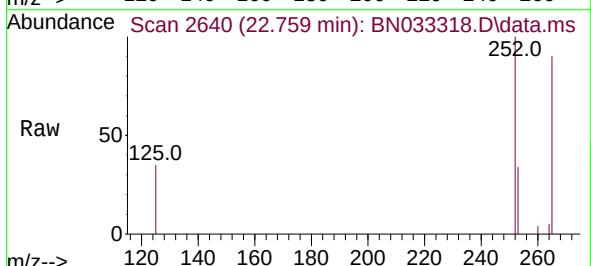
Tgt Ion:252 Resp: 1839

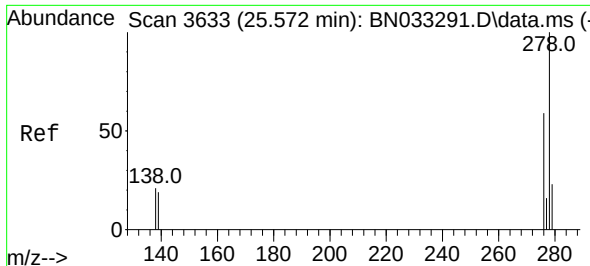
Ion Ratio Lower Upper

252 100

253 34.3 18.3 27.5#

125 35.4 10.2 15.4#

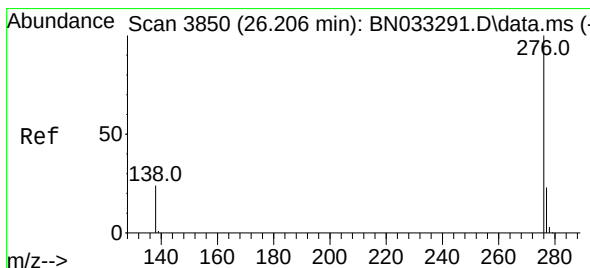
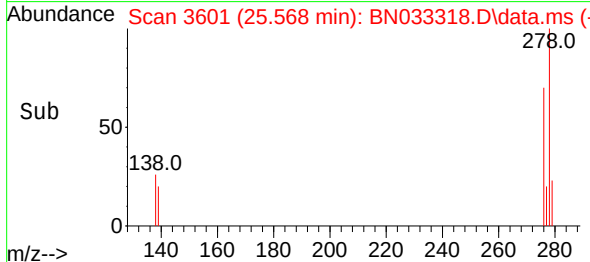
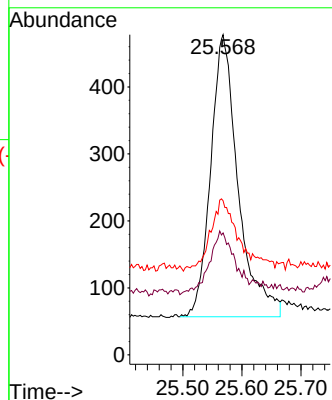
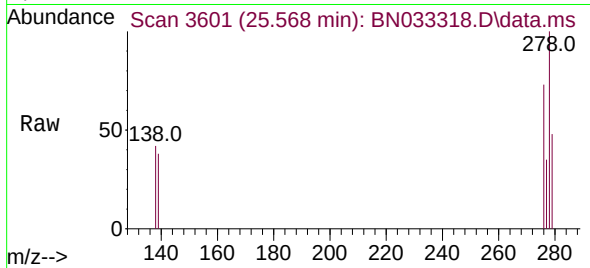




#40
Dibenzo(a,h)anthracene
Concen: 0.031 ng
RT: 25.568 min Scan# 3016
Delta R.T. -0.003 min
Lab File: BN033318.D
Acq: 09 Aug 2024 14:46

Instrument :
BNA_N
ClientSampleId :
TT189D2-HYD-20240806RE

Tgt Ion:278 Resp: 1359
Ion Ratio Lower Upper
278 100
139 38.1 16.3 24.5#
279 48.1 19.4 29.2#



#41
Benzo(g,h,i)perylene
Concen: 0.034 ng
RT: 26.197 min Scan# 3816
Delta R.T. -0.009 min
Lab File: BN033318.D
Acq: 09 Aug 2024 14:46

Tgt Ion:276 Resp: 1600
Ion Ratio Lower Upper
276 100
277 35.0 19.0 28.4#
138 40.2 20.8 31.2#

