

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080924\
 Data File : BN033316.D
 Acq On : 09 Aug 2024 13:17
 Operator : MA/JU
 Sample : P3515-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT189D2-HYD-20240806

Quant Time: Aug 09 13:48:42 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)

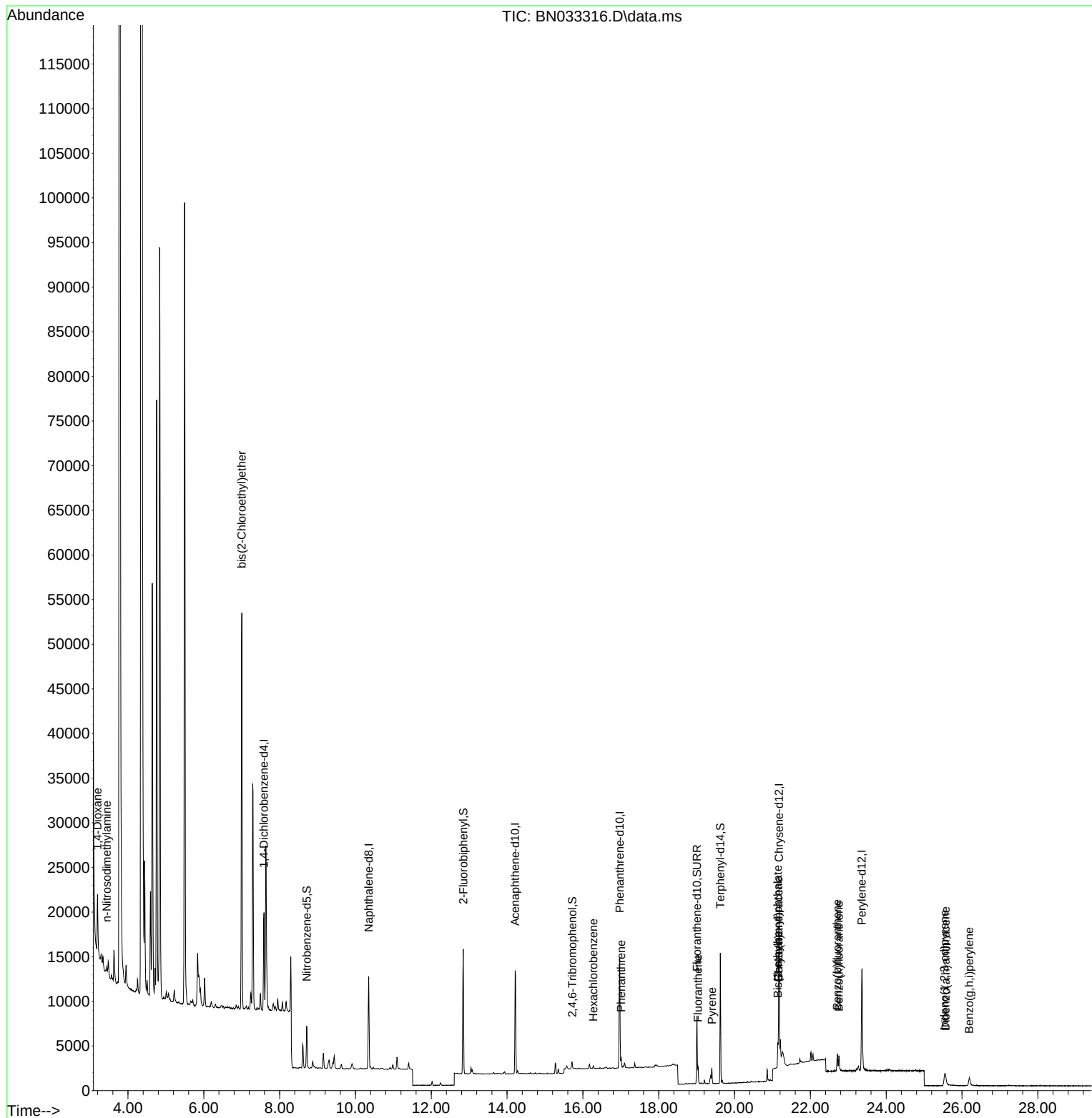
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	4596	0.400	ng	0.00
7) Naphthalene-d8	10.349	136	12652	0.400	ng	# 0.00
13) Acenaphthene-d10	14.212	164	6966	0.400	ng	0.00
19) Phenanthrene-d10	16.971	188	16671	0.400	ng	# 0.00
29) Chrysene-d12	21.175	240	15314	0.400	ng	0.00
35) Perylene-d12	23.358	264	15443	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.211	112	213	0.018	ng	0.00
5) Phenol-d6	6.764	99	27	0.002	ng	0.00
8) Nitrobenzene-d5	8.715	82	3365	0.436	ng	0.00
11) 2-Methylnaphthalene-d10	11.951	152	31	0.002	ng	0.00
14) 2,4,6-Tribromophenol	15.717	330	538	0.191	ng	0.00
15) 2-Fluorobiphenyl	12.844	172	12155	0.463	ng	0.00
27) Fluoranthene-d10	19.007	212	8072	0.176	ng	0.00
31) Terphenyl-d14	19.625	244	12971	0.491	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.196	88	4028	0.792	ng	# 87
3) n-Nitrosodimethylamine	3.442	42	1165	0.180	ng	# 1
6) bis(2-Chloroethyl)ether	7.002	93	26635	1.883	ng	# 41
22) Hexachlorobenzene	16.275	284	236	0.022	ng	97
25) Phenanthrene	17.008	178	1048	0.022	ng	# 89
28) Fluoranthene	19.035	202	1673	0.027	ng	97
30) Pyrene	19.402	202	1509	0.025	ng	99
32) Benzo(a)anthracene	21.157	228	1712	0.029	ng	93
33) Chrysene	21.157	228	1682	0.029	ng	96
34) Bis(2-ethylhexyl)phtha...	21.139	149	2498	0.081	ng	98
36) Indeno(1,2,3-cd)pyrene	25.539	276	2261	0.033	ng	97
37) Benzo(b)fluoranthene	22.709	252	2341	0.041	ng	# 62
38) Benzo(k)fluoranthene	22.753	252	2326	0.042	ng	# 61
40) Dibenzo(a,h)anthracene	25.565	278	1595	0.030	ng	# 59
41) Benzo(g,h,i)perylene	26.191	276	1877	0.032	ng	# 73

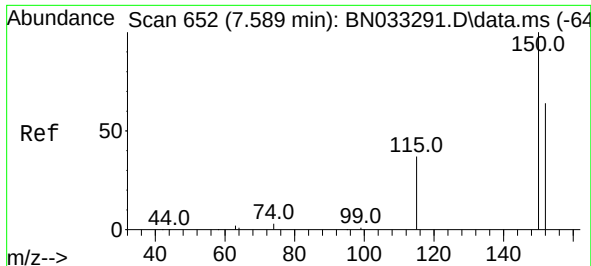
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080924\
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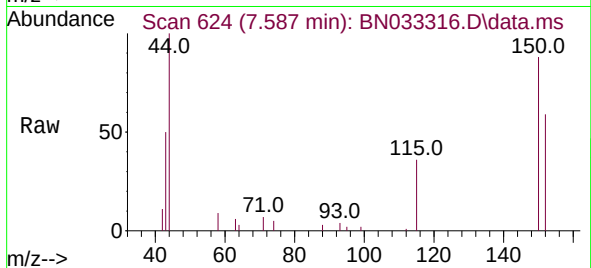
Quant Time: Aug 09 13:48:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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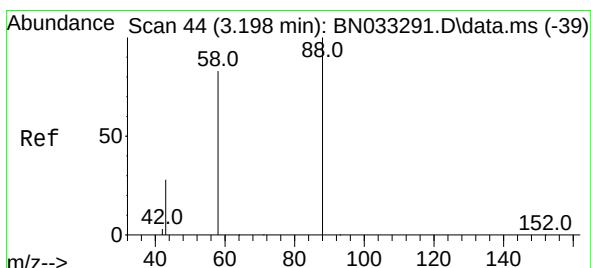
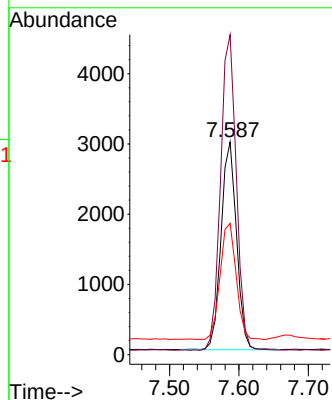
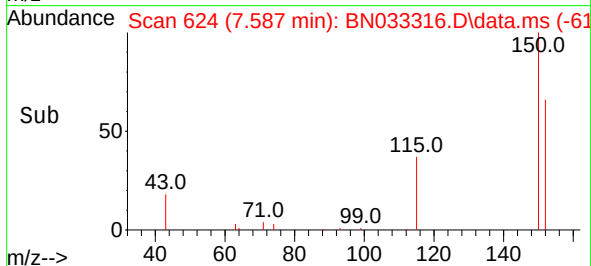


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.587 min Scan# 61
Delta R.T. -0.002 min
Lab File: BN033316.D
Acq: 09 Aug 2024 13:17

Instrument :
BNA_N
ClientSampleId :
TT189D2-HYD-20240806

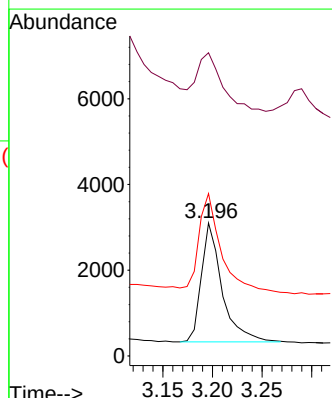
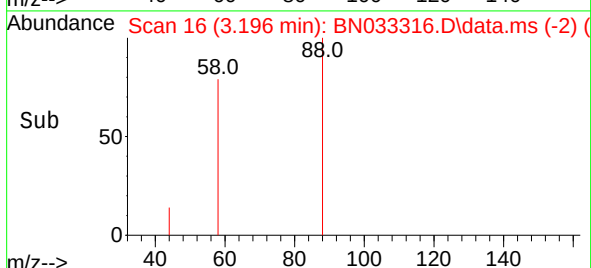
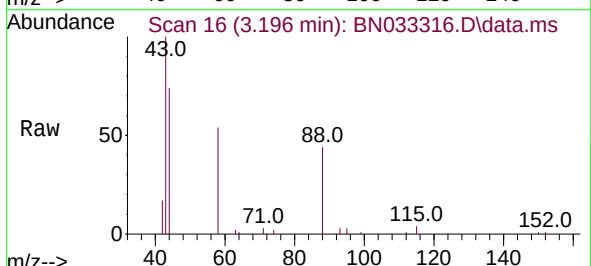


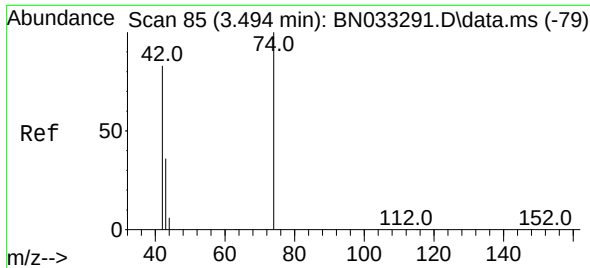
Tgt Ion:152 Resp: 4596
Ion Ratio Lower Upper
152 100
150 150.4 120.7 181.1
115 61.8 55.8 83.8



#2
1,4-Dioxane
Concen: 0.792 ng
RT: 3.196 min Scan# 16
Delta R.T. -0.002 min
Lab File: BN033316.D
Acq: 09 Aug 2024 13:17

Tgt Ion: 88 Resp: 4028
Ion Ratio Lower Upper
88 100
43 60.5 37.0 55.6#
58 88.9 65.1 97.7





#3

n-Nitrosodimethylamine

Concen: 0.180 ng

RT: 3.442 min Scan# 50

Delta R.T. -0.053 min

Lab File: BN033316.D

Acq: 09 Aug 2024 13:17

Instrument :

BNA_N

ClientSampleId :

TT189D2-HYD-20240806

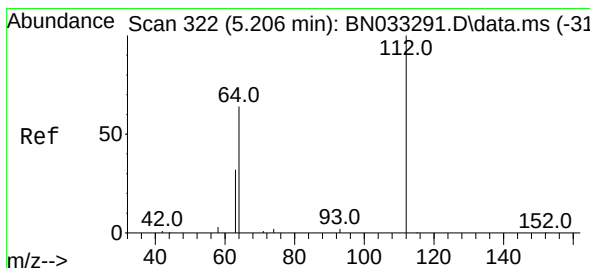
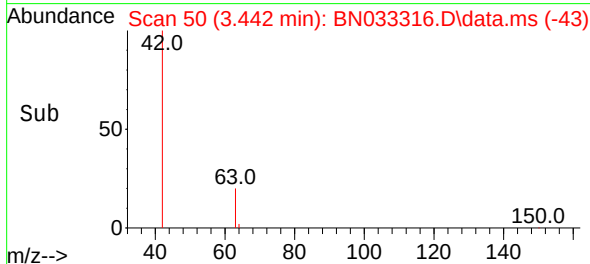
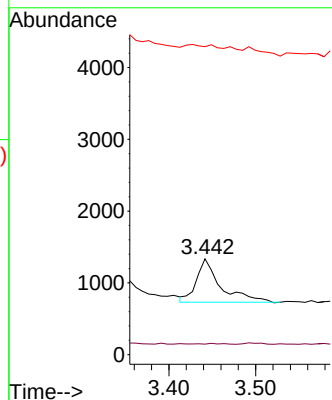
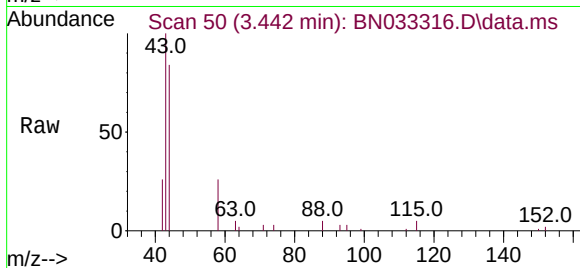
Tgt Ion: 42 Resp: 1165

Ion Ratio Lower Upper

42 100

74 1.4 94.9 142.3#

44 0.0 7.0 10.4#



#4

2-Fluorophenol

Concen: 0.018 ng

RT: 5.211 min Scan# 295

Delta R.T. 0.005 min

Lab File: BN033316.D

Acq: 09 Aug 2024 13:17

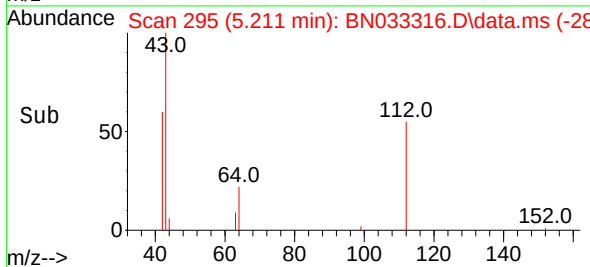
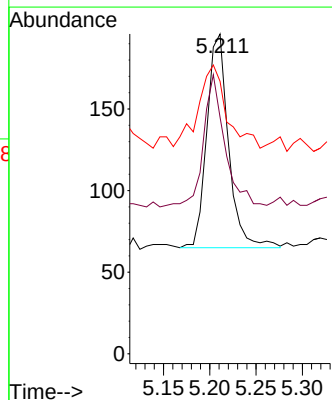
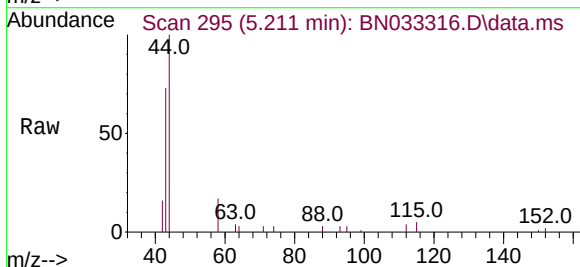
Tgt Ion: 112 Resp: 213

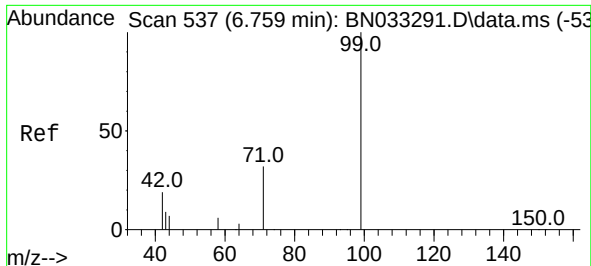
Ion Ratio Lower Upper

112 100

64 61.5 48.7 73.1

63 50.7 25.4 38.2#

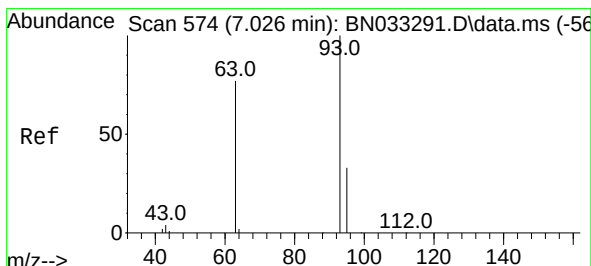
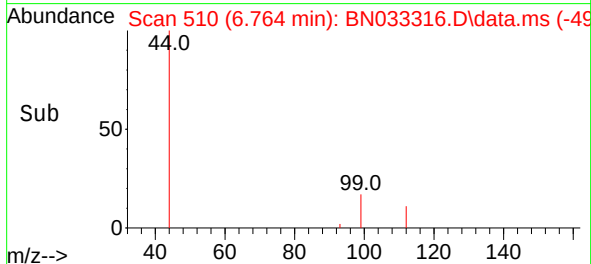
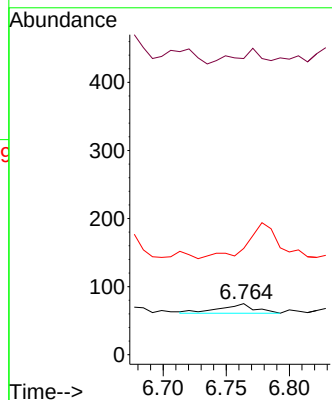
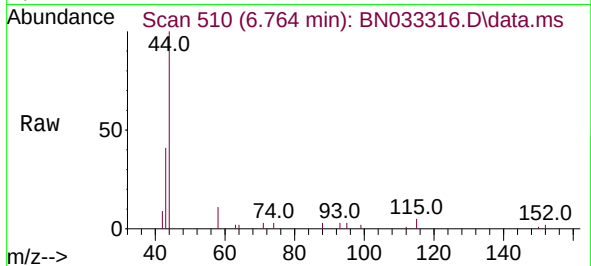




#5
Phenol-d6
Concen: 0.002 ng
RT: 6.764 min Scan# 51
Delta R.T. 0.005 min
Lab File: BN033316.D
Acq: 09 Aug 2024 13:17

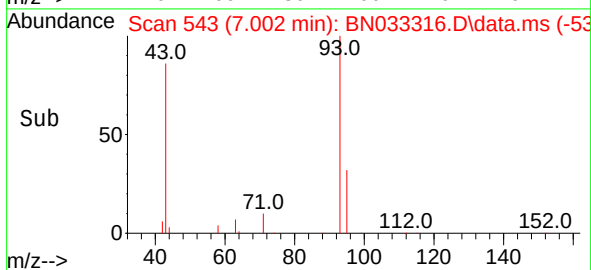
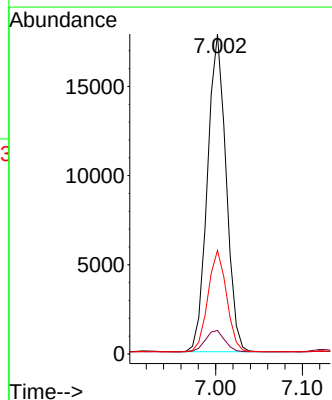
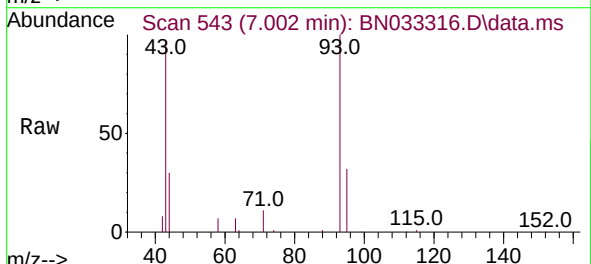
Instrument :
BNA_N
ClientSampleId :
TT189D2-HYD-20240806

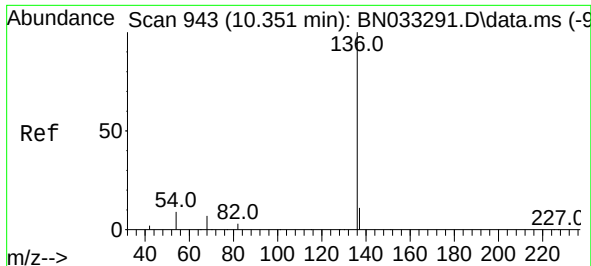
Tgt Ion: 99 Resp: 27
Ion Ratio Lower Upper
99 100
42 111.1 19.3 28.9#
71 344.4 27.6 41.4#



#6
bis(2-Chloroethyl)ether
Concen: 1.883 ng
RT: 7.002 min Scan# 543
Delta R.T. -0.024 min
Lab File: BN033316.D
Acq: 09 Aug 2024 13:17

Tgt Ion: 93 Resp: 26635
Ion Ratio Lower Upper
93 100
63 7.1 64.5 96.7#
95 31.8 26.6 39.8

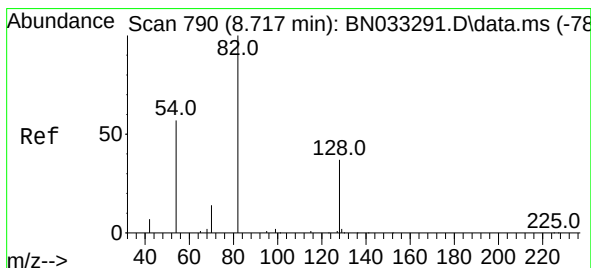
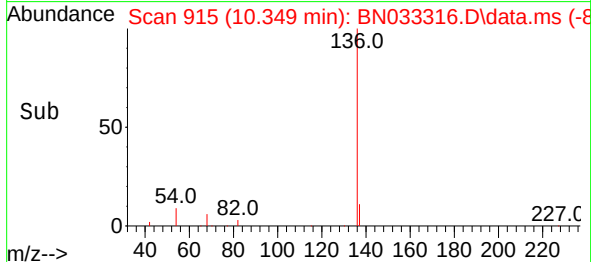
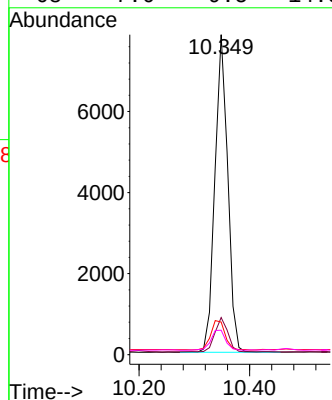
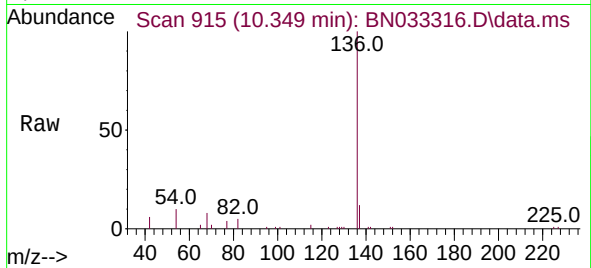




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.349 min Scan# 915
Delta R.T. -0.002 min
Lab File: BN033316.D
Acq: 09 Aug 2024 13:17

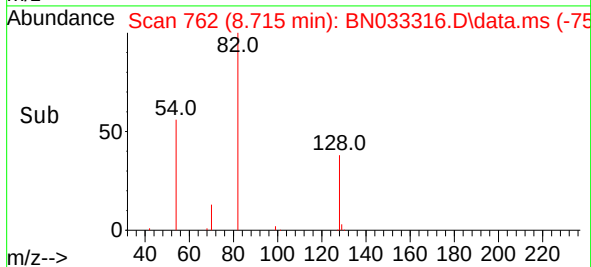
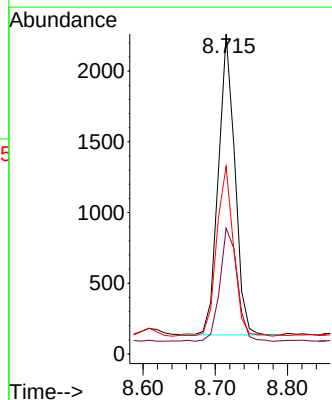
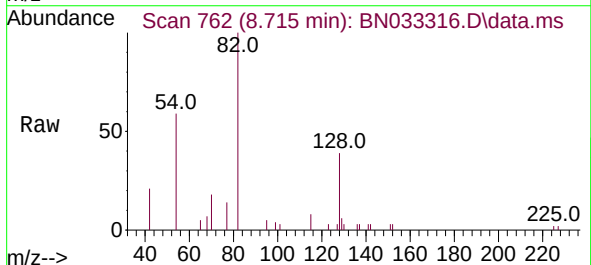
Instrument :
BNA_N
ClientSampleId :
TT189D2-HYD-20240806

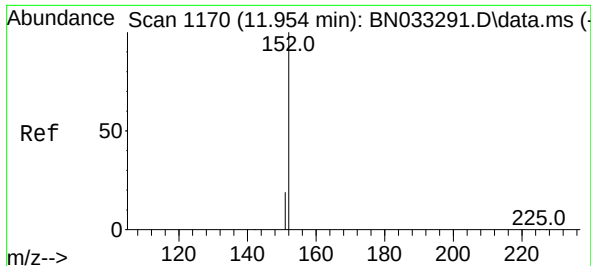
Tgt Ion:	136	Resp:	12652
Ion Ratio	Lower	Upper	
136	100		
137	11.6	9.9	14.9
54	10.2	11.4	17.2#
68	7.6	9.5	14.3#



#8
Nitrobenzene-d5
Concen: 0.436 ng
RT: 8.715 min Scan# 762
Delta R.T. -0.002 min
Lab File: BN033316.D
Acq: 09 Aug 2024 13:17

Tgt Ion:	82	Resp:	3365
Ion Ratio	Lower	Upper	
82	100		
128	39.3	29.4	44.2
54	58.6	50.0	75.0

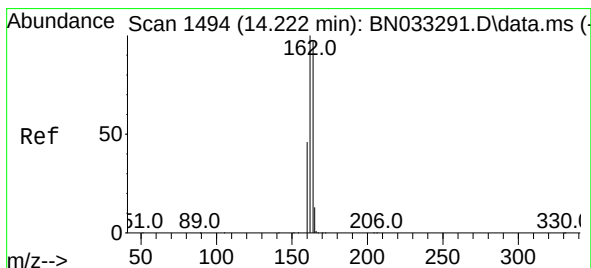
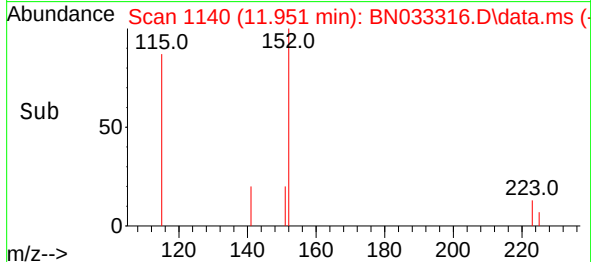
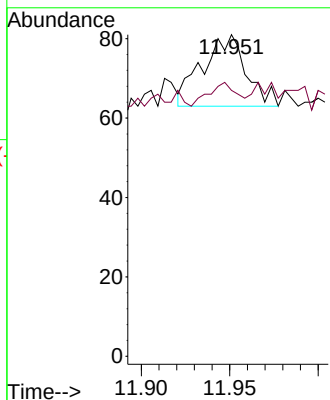
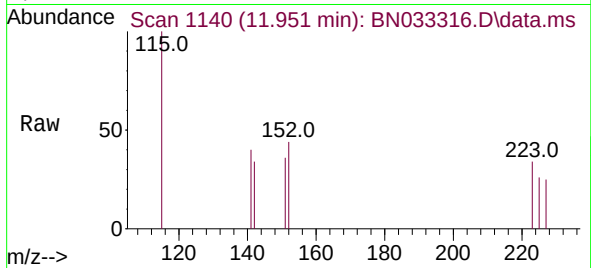




#11
2-Methylnaphthalene-d10
Concen: 0.002 ng
RT: 11.951 min Scan# 1170
Delta R.T. -0.003 min
Lab File: BN033316.D
Acq: 09 Aug 2024 13:17

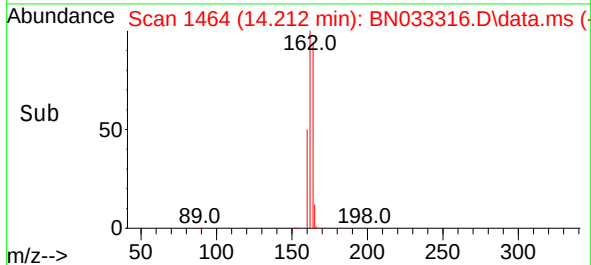
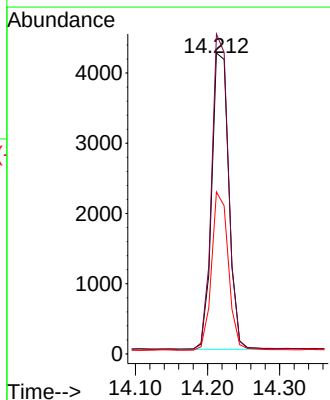
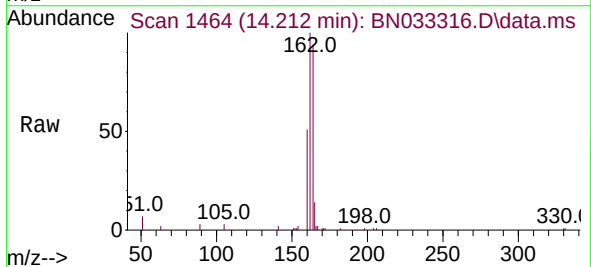
Instrument :
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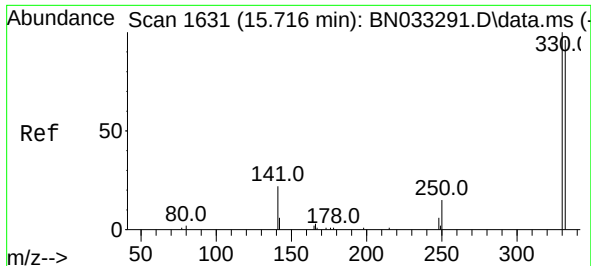
Tgt Ion:152 Resp: 31
Ion Ratio Lower Upper
152 100
151 22.6 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.212 min Scan# 1464
Delta R.T. -0.010 min
Lab File: BN033316.D
Acq: 09 Aug 2024 13:17

Tgt Ion:164 Resp: 6966
Ion Ratio Lower Upper
164 100
162 106.3 82.6 124.0
160 53.8 38.2 57.4

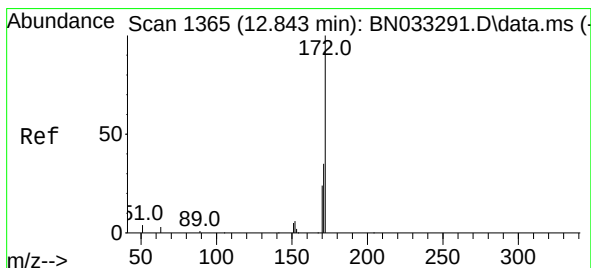
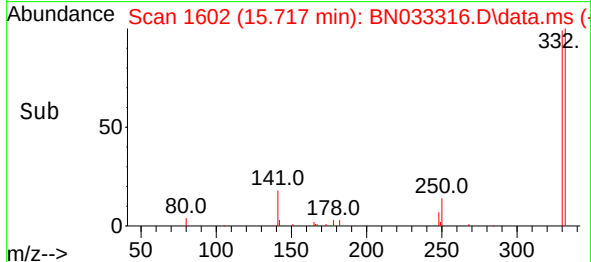
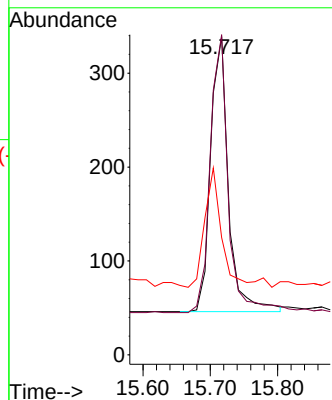
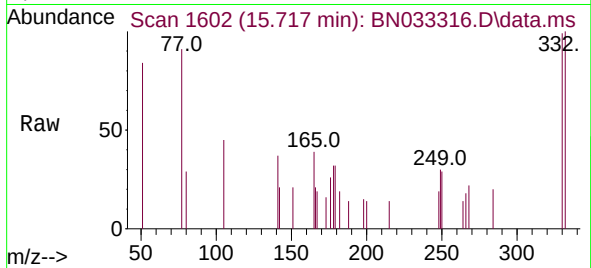




#14
2,4,6-Tribromophenol
Concen: 0.191 ng
RT: 15.717 min Scan# 1
Delta R.T. 0.001 min
Lab File: BN033316.D
Acq: 09 Aug 2024 13:17

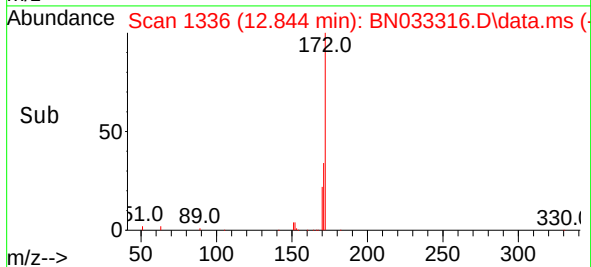
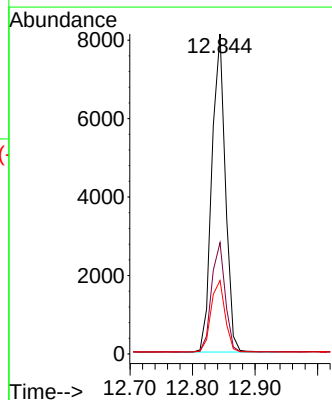
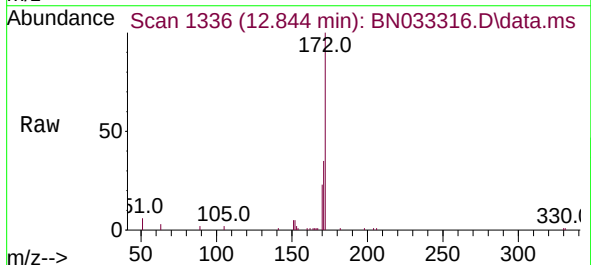
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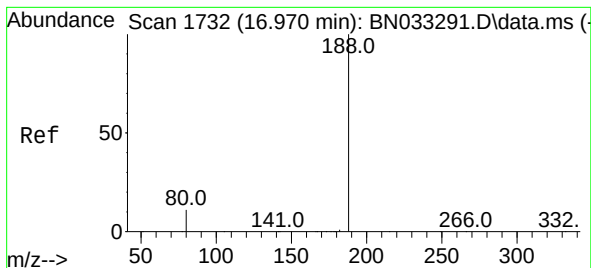
Tgt Ion:330 Resp: 538
Ion Ratio Lower Upper
330 100
332 102.2 75.6 113.4
141 42.4 31.0 46.4



#15
2-Fluorobiphenyl
Concen: 0.463 ng
RT: 12.844 min Scan# 1336
Delta R.T. 0.001 min
Lab File: BN033316.D
Acq: 09 Aug 2024 13:17

Tgt Ion:172 Resp: 12155
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 22.9 19.4 29.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.971 min Scan# 1

Delta R.T. 0.001 min

Lab File: BN033316.D

Acq: 09 Aug 2024 13:17

Instrument :

BNA_N

ClientSampleId :

TT189D2-HYD-20240806

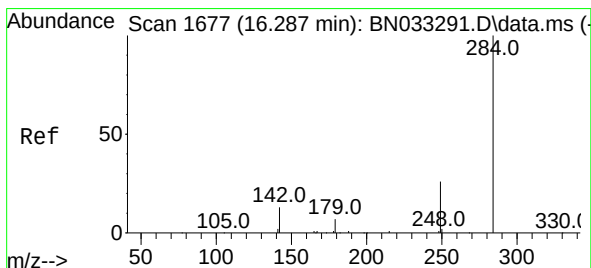
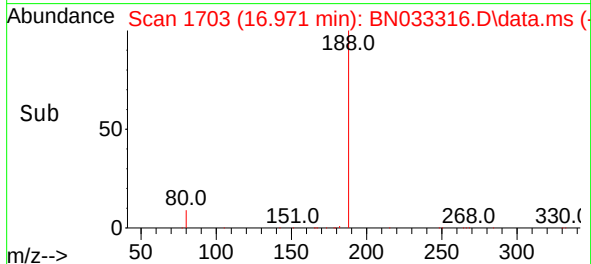
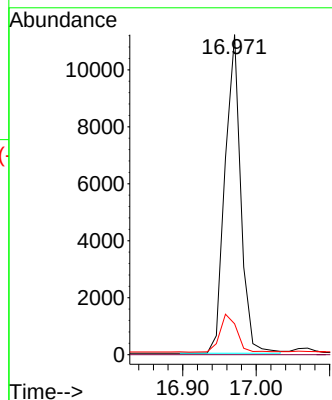
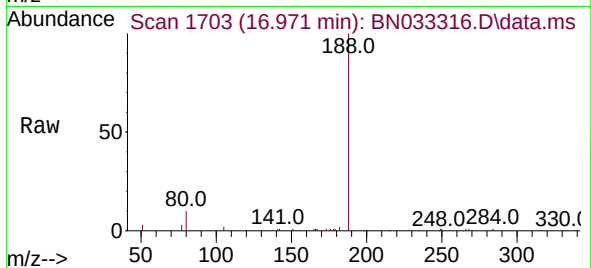
Tgt Ion:188 Resp: 16671

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.6 10.5 15.7#



#22

Hexachlorobenzene

Concen: 0.022 ng

RT: 16.275 min Scan# 1647

Delta R.T. -0.011 min

Lab File: BN033316.D

Acq: 09 Aug 2024 13:17

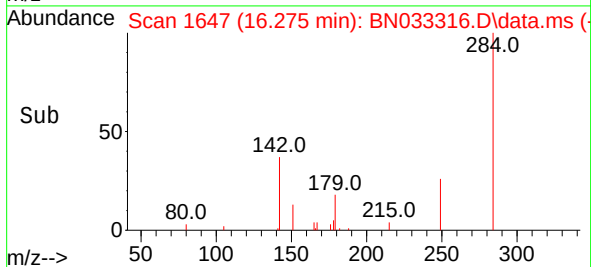
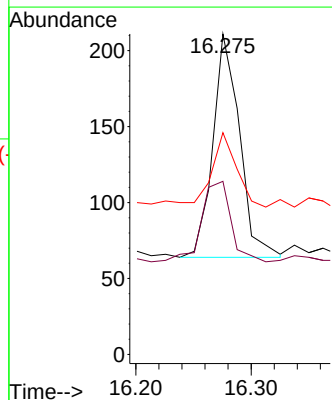
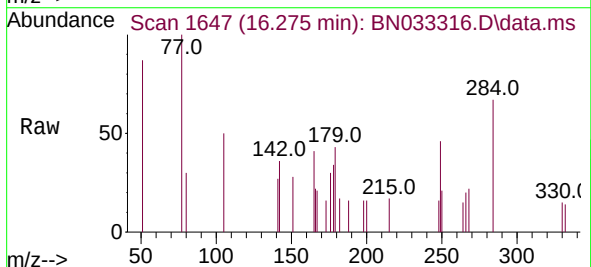
Tgt Ion:284 Resp: 236

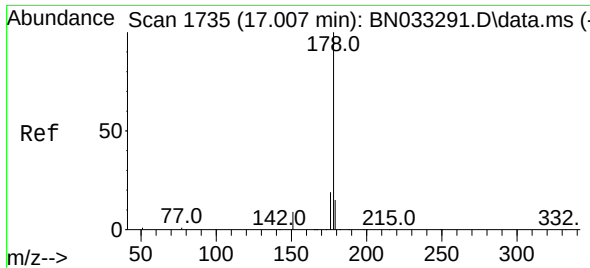
Ion Ratio Lower Upper

284 100

142 39.8 30.6 45.8

249 32.6 24.6 36.8

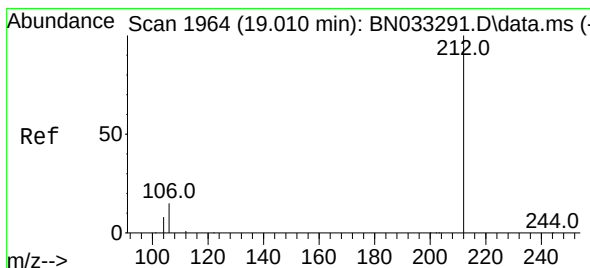
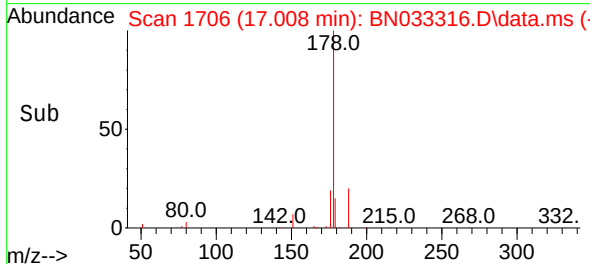
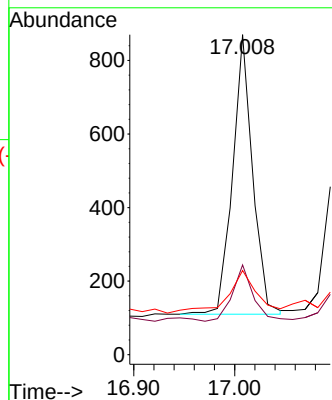
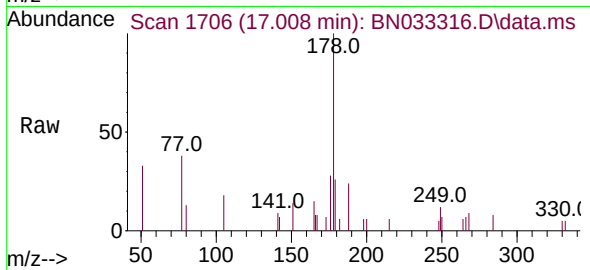




#25
Phenanthrene
Concen: 0.022 ng
RT: 17.008 min Scan# 1735
Delta R.T. 0.001 min
Lab File: BN033316.D
Acq: 09 Aug 2024 13:17

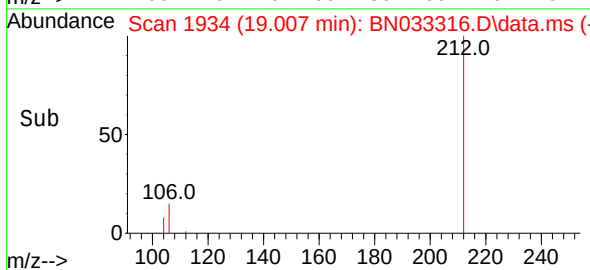
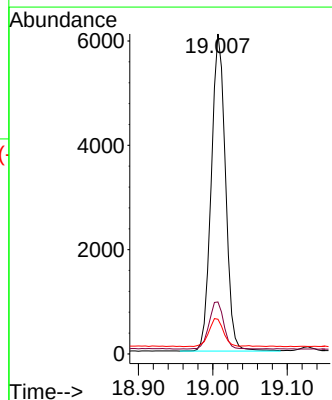
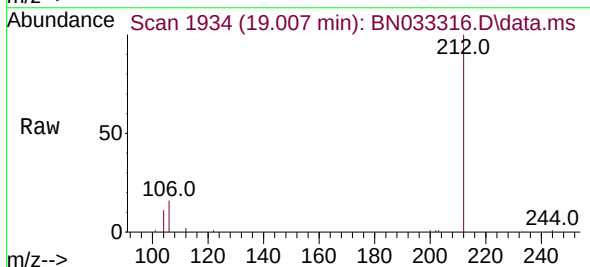
Instrument :
BNA_N
ClientSampleId :
TT189D2-HYD-20240806

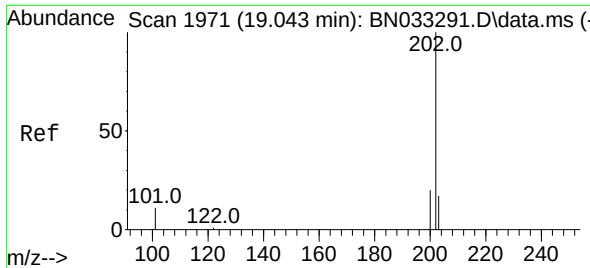
Tgt Ion:178 Resp: 1048
Ion Ratio Lower Upper
178 100
176 21.3 15.2 22.8
179 22.2 12.0 18.0#



#27
Fluoranthene-d10
Concen: 0.176 ng
RT: 19.007 min Scan# 1934
Delta R.T. -0.004 min
Lab File: BN033316.D
Acq: 09 Aug 2024 13:17

Tgt Ion:212 Resp: 8072
Ion Ratio Lower Upper
212 100
106 15.4 12.2 18.4
104 9.1 6.9 10.3

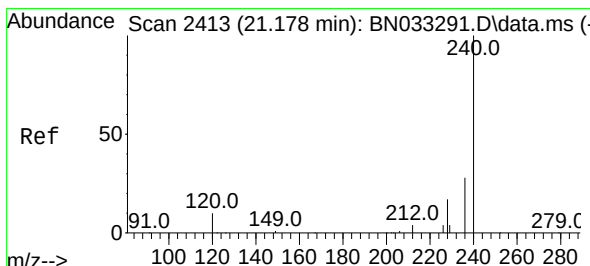
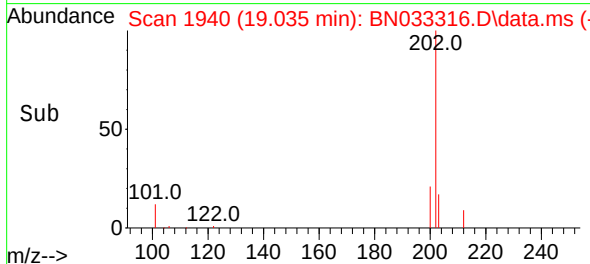
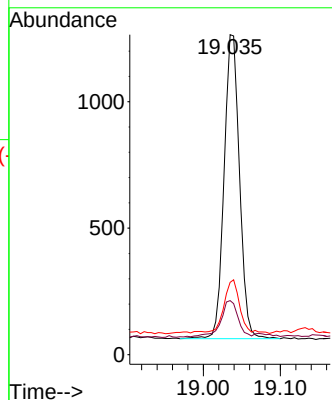
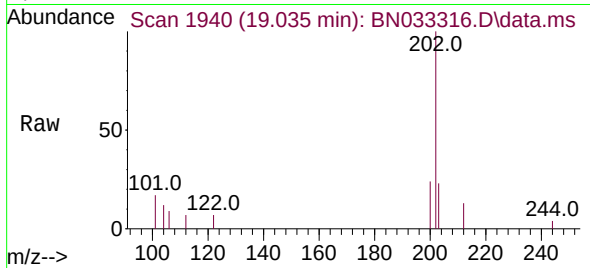




#28
Fluoranthene
Concen: 0.027 ng
RT: 19.035 min Scan# 1940
Delta R.T. -0.008 min
Lab File: BN033316.D
Acq: 09 Aug 2024 13:17

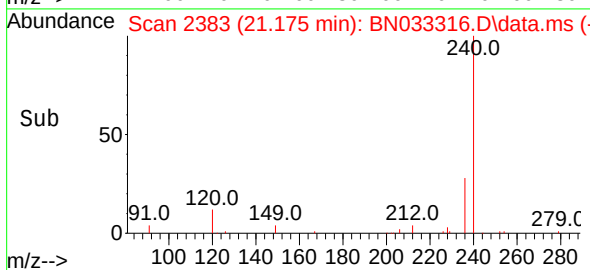
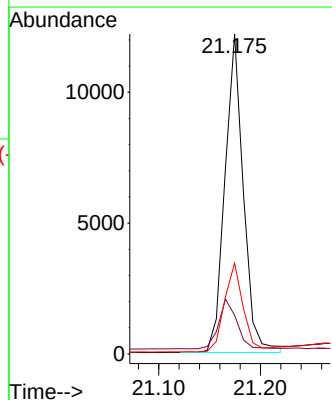
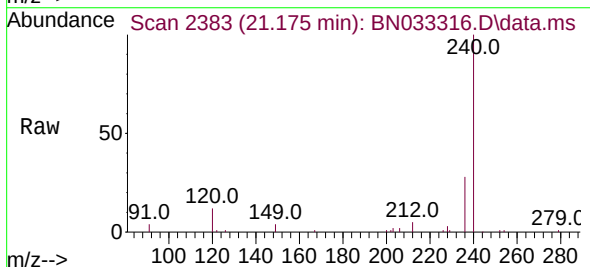
Instrument :
BNA_N
ClientSampleId :
TT189D2-HYD-20240806

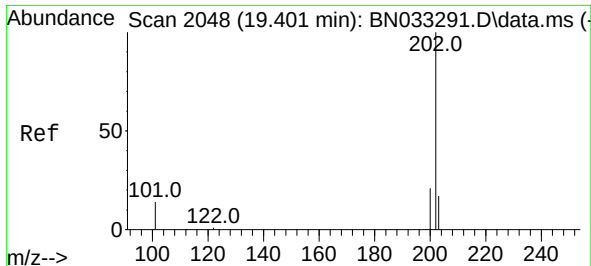
Tgt Ion:202 Resp: 1673
Ion Ratio Lower Upper
202 100
101 13.6 9.4 14.0
203 18.1 13.8 20.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.175 min Scan# 2383
Delta R.T. -0.004 min
Lab File: BN033316.D
Acq: 09 Aug 2024 13:17

Tgt Ion:240 Resp: 15314
Ion Ratio Lower Upper
240 100
120 12.1 9.0 13.6
236 28.4 22.4 33.6

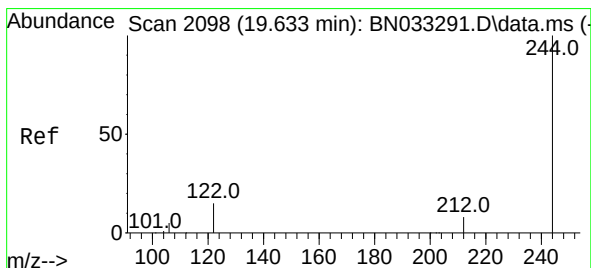
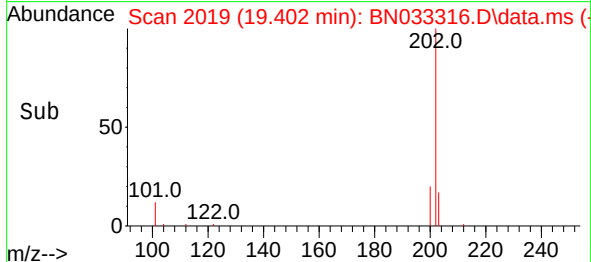
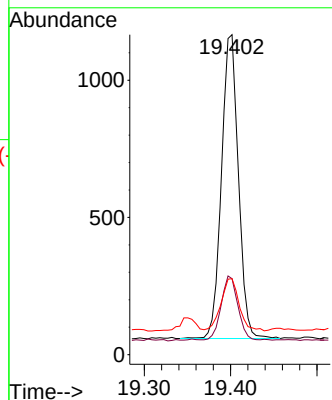
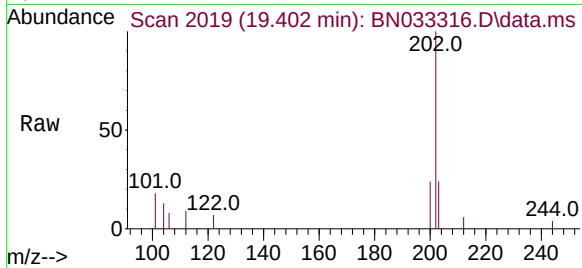




#30
Pyrene
Concen: 0.025 ng
RT: 19.402 min Scan# 2048
Delta R.T. 0.001 min
Lab File: BN033316.D
Acq: 09 Aug 2024 13:17

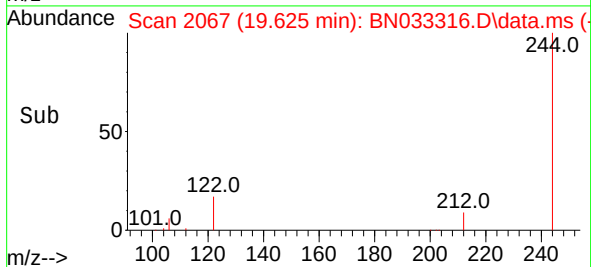
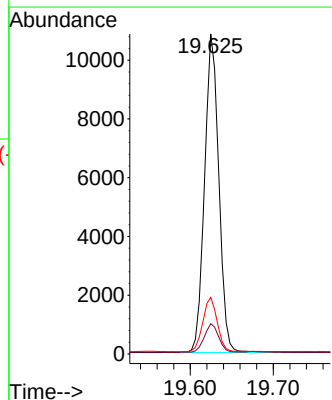
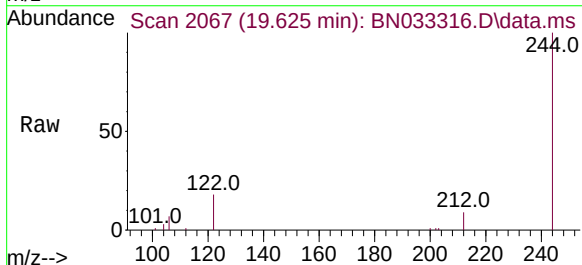
Instrument :
BNA_N
ClientSampleId :
TT189D2-HYD-20240806

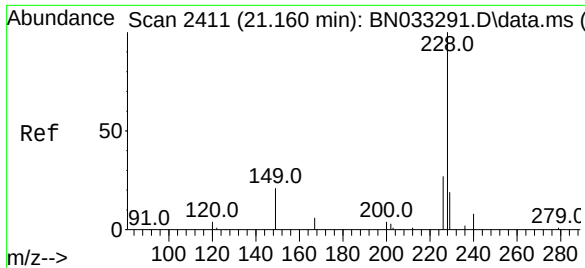
Tgt Ion:	202	Resp:	1509
Ion Ratio	Lower	Upper	
202	100		
200	20.5	16.7	25.1
203	18.3	14.2	21.4



#31
Terphenyl-d14
Concen: 0.491 ng
RT: 19.625 min Scan# 2067
Delta R.T. -0.008 min
Lab File: BN033316.D
Acq: 09 Aug 2024 13:17

Tgt Ion:	244	Resp:	12971
Ion Ratio	Lower	Upper	
244	100		
212	9.5	7.2	10.8
122	17.7	12.7	19.1

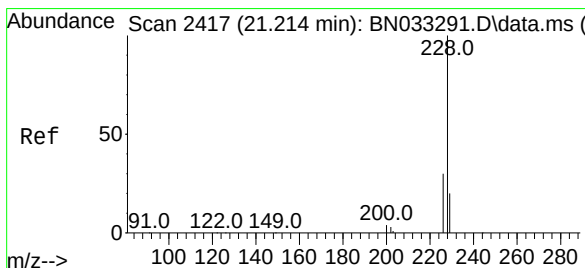
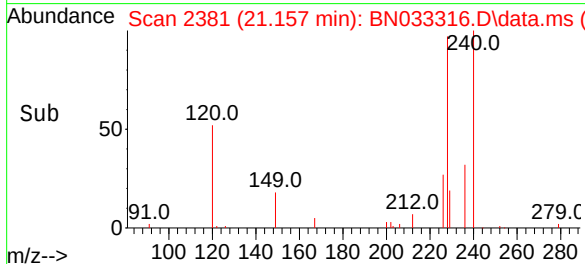
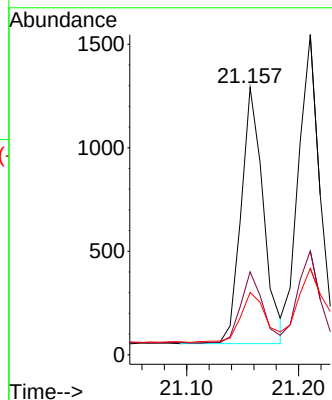
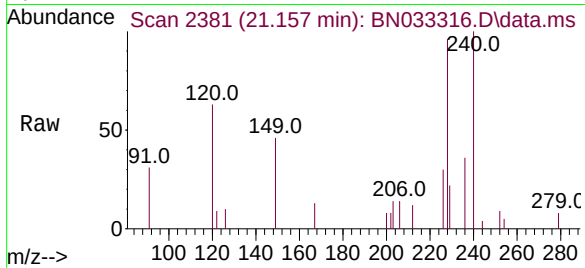




#32
Benzo(a)anthracene
Concen: 0.029 ng
RT: 21.157 min Scan# 2411
Delta R.T. -0.004 min
Lab File: BN033316.D
Acq: 09 Aug 2024 13:17

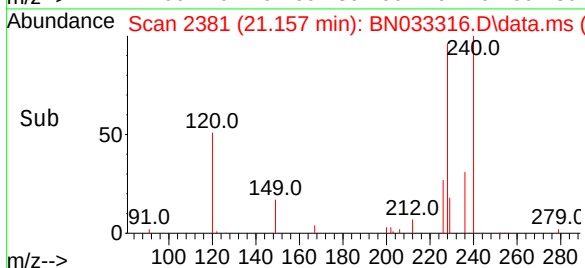
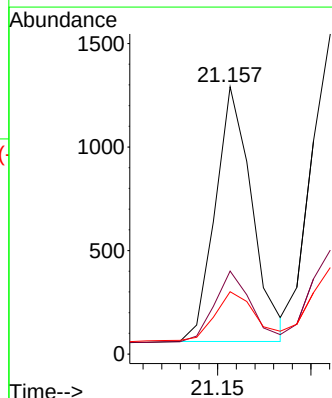
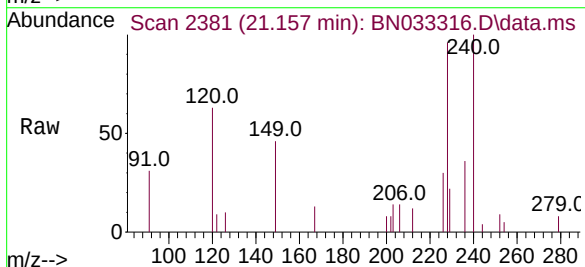
Instrument :
BNA_N
ClientSampleId :
TT189D2-HYD-20240806

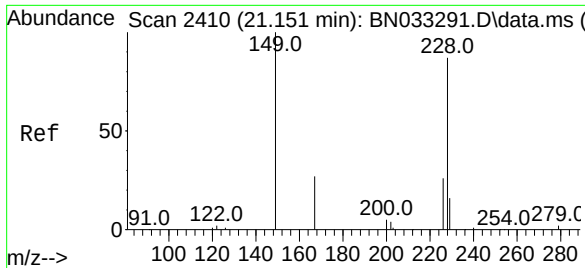
Tgt Ion:228 Resp: 1712
Ion Ratio Lower Upper
228 100
226 31.1 22.1 33.1
229 23.3 15.6 23.4



#33
Chrysene
Concen: 0.029 ng
RT: 21.157 min Scan# 2381
Delta R.T. -0.057 min
Lab File: BN033316.D
Acq: 09 Aug 2024 13:17

Tgt Ion:228 Resp: 1682
Ion Ratio Lower Upper
228 100
226 31.1 23.8 35.8
229 23.3 15.8 23.8

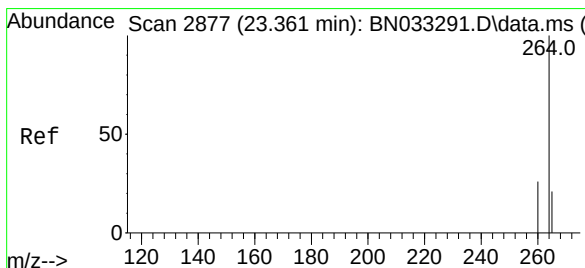
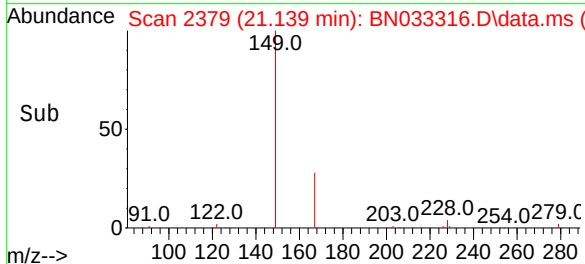
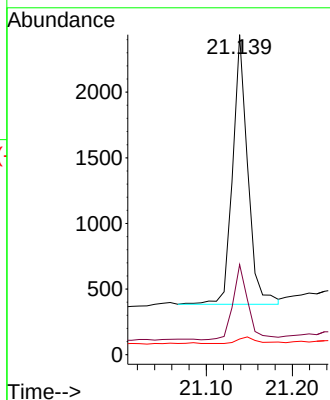
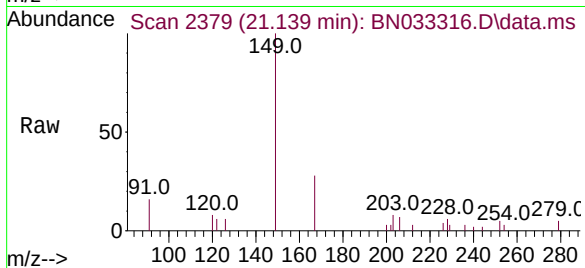




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.081 ng
RT: 21.139 min Scan# 2410
Delta R.T. -0.013 min
Lab File: BN033316.D
Acq: 09 Aug 2024 13:17

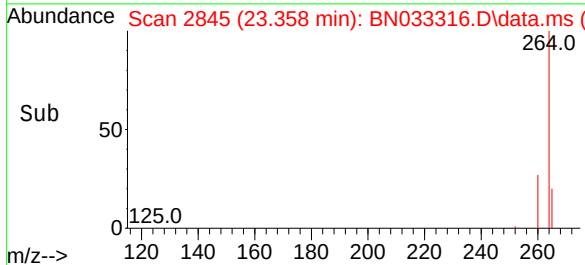
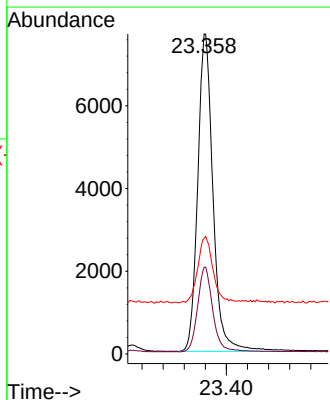
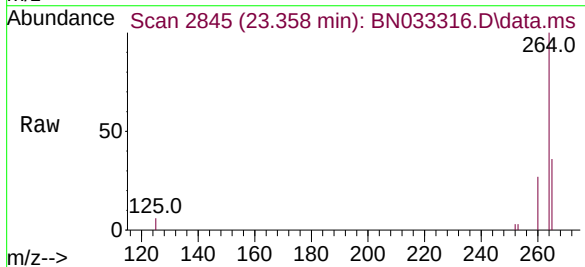
Instrument :
BNA_N
ClientSampleId :
TT189D2-HYD-20240806

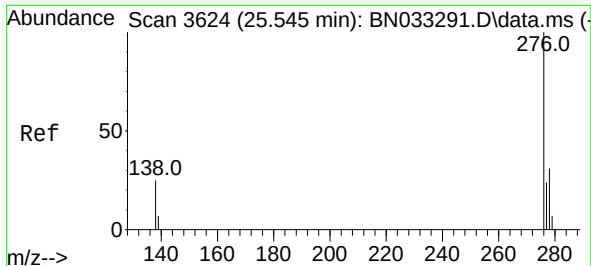
Tgt Ion:149 Resp: 2498
Ion Ratio Lower Upper
149 100
167 27.9 21.6 32.4
279 3.0 2.6 4.0



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.358 min Scan# 2845
Delta R.T. -0.004 min
Lab File: BN033316.D
Acq: 09 Aug 2024 13:17

Tgt Ion:264 Resp: 15443
Ion Ratio Lower Upper
264 100
260 27.1 21.4 32.0
265 36.2 22.4 33.6#

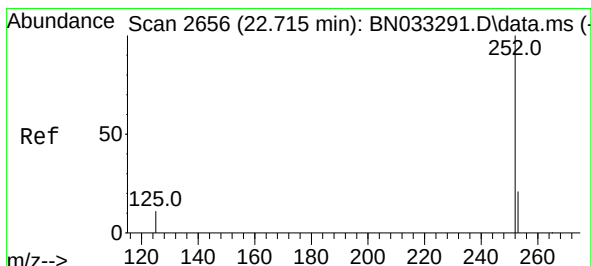
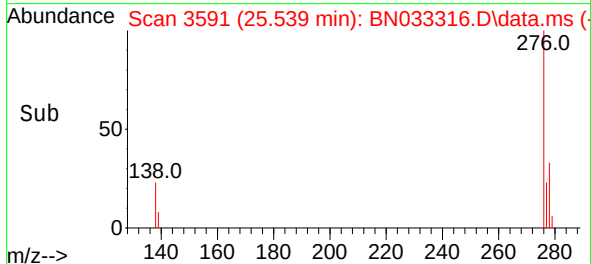
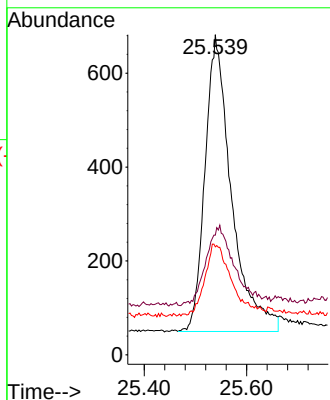
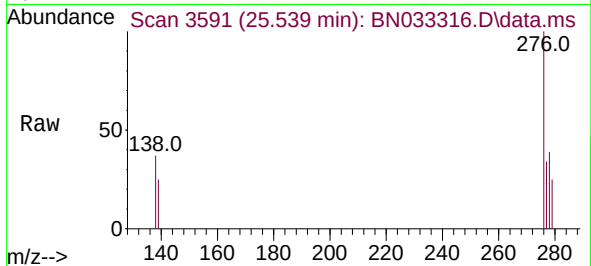




#36
Indeno(1,2,3-cd)pyrene
Concen: 0.033 ng
RT: 25.539 min Scan# 3591
Delta R.T. -0.006 min
Lab File: BN033316.D
Acq: 09 Aug 2024 13:17

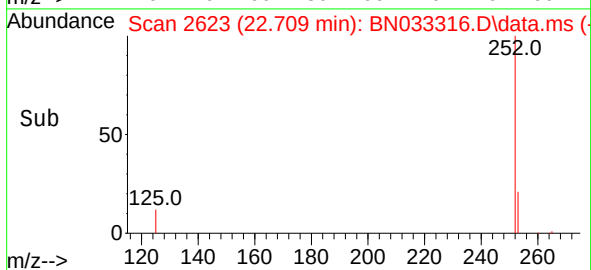
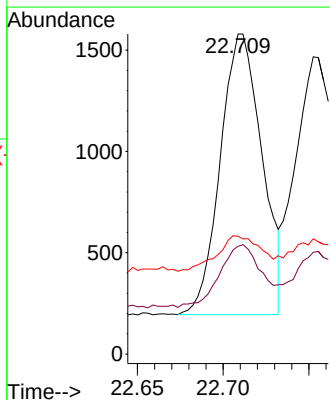
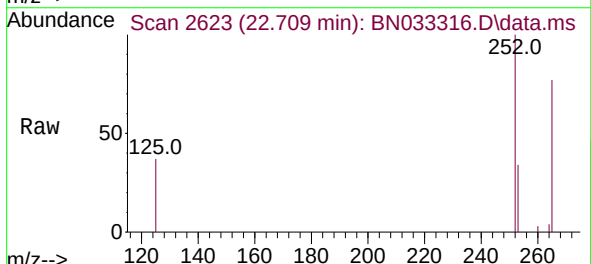
Instrument :
BNA_N
ClientSampleId :
TT189D2-HYD-20240806

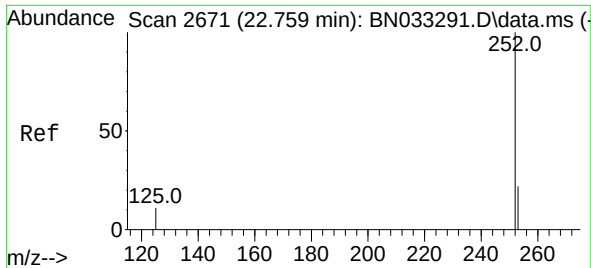
Tgt Ion:276 Resp: 2261
Ion Ratio Lower Upper
276 100
138 26.4 22.7 34.1
277 24.0 19.8 29.8



#37
Benzo(b)fluoranthene
Concen: 0.041 ng
RT: 22.709 min Scan# 2623
Delta R.T. -0.006 min
Lab File: BN033316.D
Acq: 09 Aug 2024 13:17

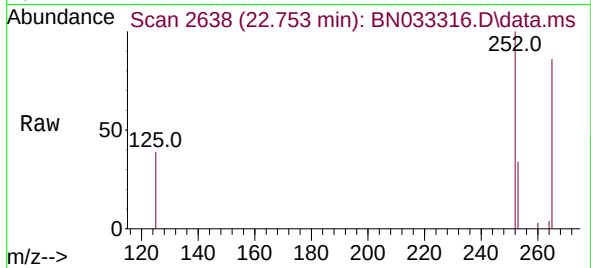
Tgt Ion:252 Resp: 2341
Ion Ratio Lower Upper
252 100
253 33.7 17.8 26.6#
125 36.8 10.0 15.0#



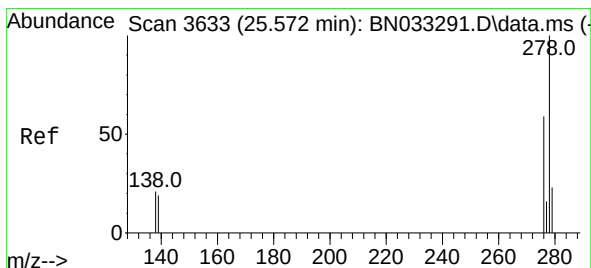
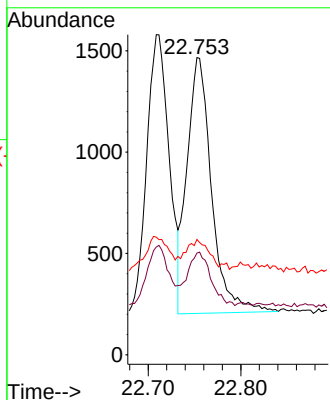


#38
Benzo(k)fluoranthene
Concen: 0.042 ng
RT: 22.753 min Scan# 20
Delta R.T. -0.006 min
Lab File: BN033316.D
Acq: 09 Aug 2024 13:17

Instrument :
BNA_N
ClientSampleId :
TT189D2-HYD-20240806

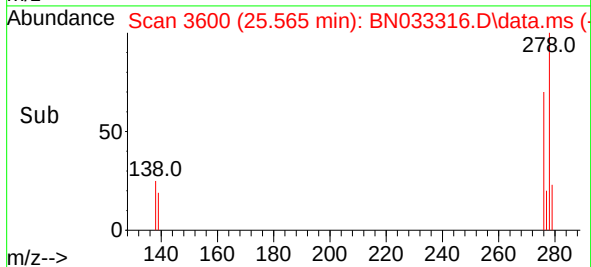
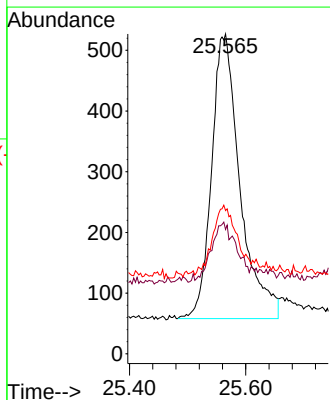
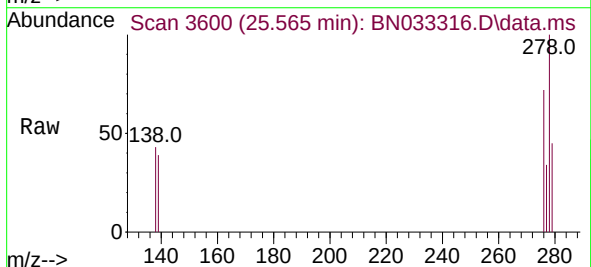


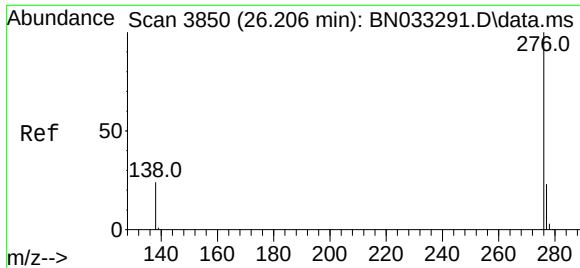
Tgt Ion:252 Resp: 2326
Ion Ratio Lower Upper
252 100
253 34.2 18.3 27.5#
125 38.8 10.2 15.4#



#40
Dibenzo(a,h)anthracene
Concen: 0.030 ng
RT: 25.565 min Scan# 3600
Delta R.T. -0.006 min
Lab File: BN033316.D
Acq: 09 Aug 2024 13:17

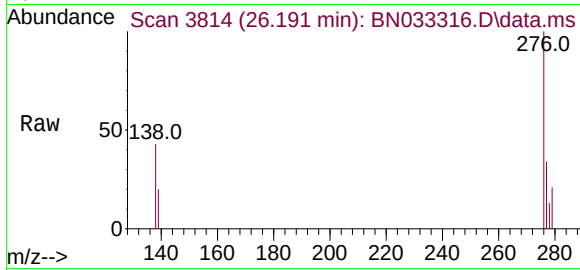
Tgt Ion:278 Resp: 1595
Ion Ratio Lower Upper
278 100
139 38.9 16.3 24.5#
279 44.8 19.4 29.2#





#41
Benzo(g,h,i)perylene
Concen: 0.032 ng
RT: 26.191 min Scan# 3814
Delta R.T. -0.015 min
Lab File: BN033316.D
Acq: 09 Aug 2024 13:17

Instrument :
BNA_N
ClientSampleId :
TT189D2-HYD-20240806



Tgt Ion:276 Resp: 1877
Ion Ratio Lower Upper
276 100
277 33.8 19.0 28.4#
138 42.6 20.8 31.2#

