

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082024\
 Data File : BN033539.D
 Acq On : 21 Aug 2024 12:29
 Operator : MA/JU
 Sample : P3643-07
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 21 12:57:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 23:32:18 2024
 Response via : Initial Calibration

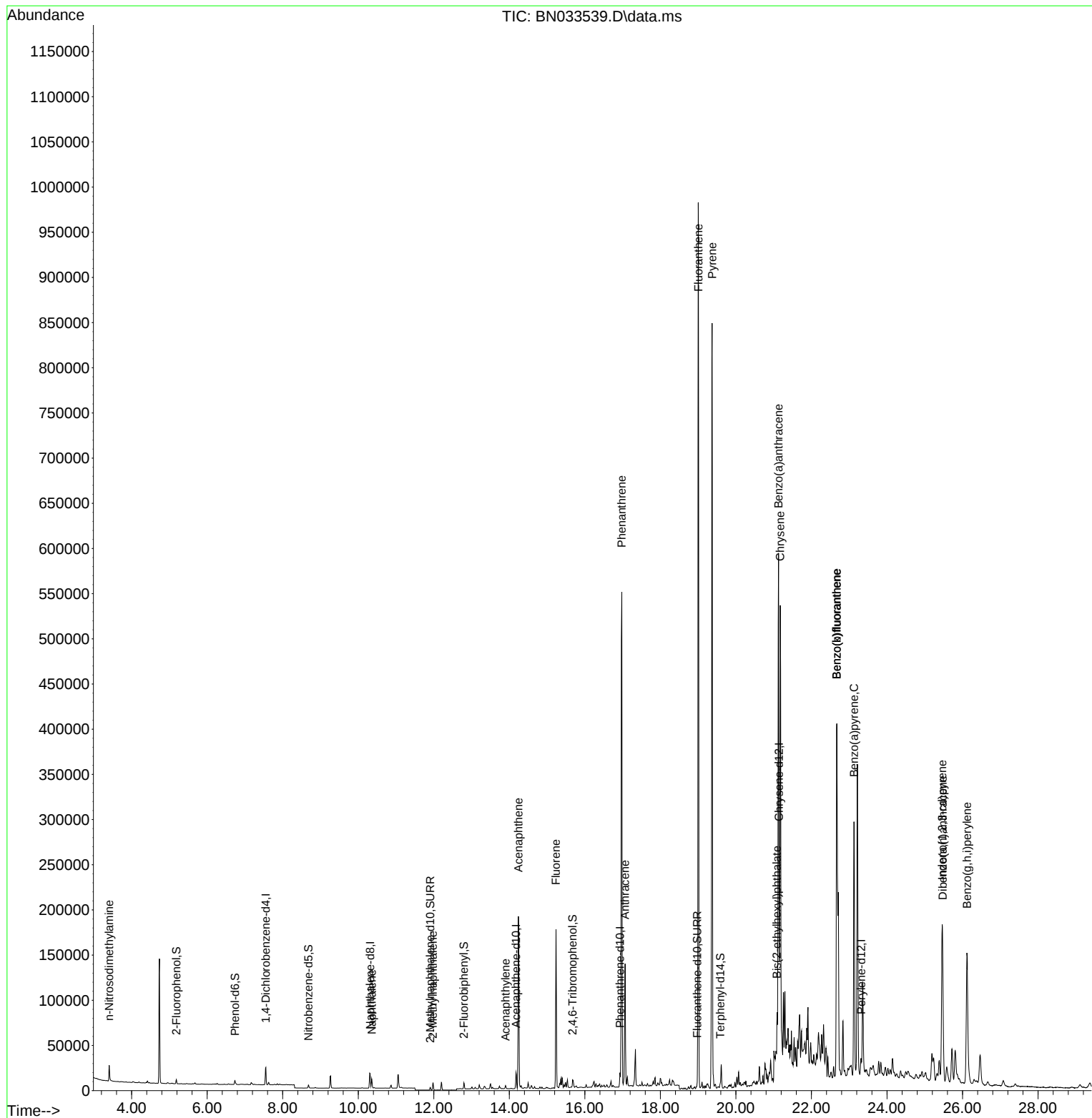
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	8918	0.400	ng	0.00
7) Naphthalene-d8	10.314	136	22419	0.400	ng	# 0.00
13) Acenaphthene-d10	14.178	164	10205	0.400	ng	-0.01
19) Phenanthrene-d10	16.929	188	20340	0.400	ng	#-0.01
29) Chrysene-d12	21.139	240	19172	0.400	ng	# 0.00
35) Perylene-d12	23.314	264	22321	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	3352	0.118	ng	0.00
5) Phenol-d6	6.736	99	3857	0.114	ng	0.00
8) Nitrobenzene-d5	8.681	82	2415	0.130	ng	-0.01
11) 2-Methylnaphthalene-d10	11.907	152	3944	0.123	ng	0.00
14) 2,4,6-Tribromophenol	15.676	330	550	0.100	ng	-0.01
15) 2-Fluorobiphenyl	12.799	172	5353	0.128	ng	-0.01
27) Fluoranthene-d10	18.975	212	5884	0.120	ng	0.00
31) Terphenyl-d14	19.588	244	3667	0.084	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.407	42	2394	0.201	ng	# 1
9) Naphthalene	10.357	128	12162	0.203	ng	99
12) 2-Methylnaphthalene	11.979	142	5619	0.148	ng	99
16) Acenaphthylene	13.900	152	2560	0.057	ng	# 90
17) Acenaphthene	14.242	154	92202	2.929	ng	98
18) Fluorene	15.236	166	105305	2.654	ng	99
25) Phenanthrene	16.979	178	619126	10.941	ng	100
26) Anthracene	17.066	178	137980	2.756	ng	98
28) Fluoranthene	19.003	202	876171	14.012	ng	100
30) Pyrene	19.370	202	759194	8.872	ng	# 94
32) Benzo(a)anthracene	21.130	228	484414	6.989	ng	96
33) Chrysene	21.175	228	478108	6.939	ng	95
34) Bis(2-ethylhexyl)phtha...	21.086	149	23875	0.544	ng	# 53
36) Indeno(1,2,3-cd)pyrene	25.463	276	263310	2.841	ng	96
37) Benzo(b)fluoranthene	22.671	252	589092	7.067	ng	# 94
38) Benzo(k)fluoranthene	22.671	252	589092	7.180	ng	# 92
39) Benzo(a)pyrene	23.127	252	341526	4.952	ng	96
40) Dibenzo(a,h)anthracene	25.475	278	68489	0.924	ng	# 89
41) Benzo(g,h,i)perylene	26.118	276	275680	3.479	ng	100

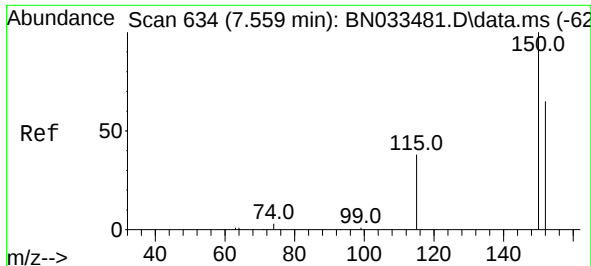
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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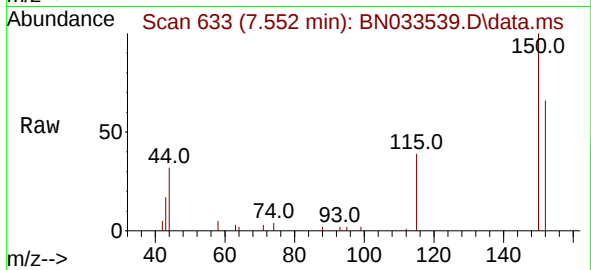
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
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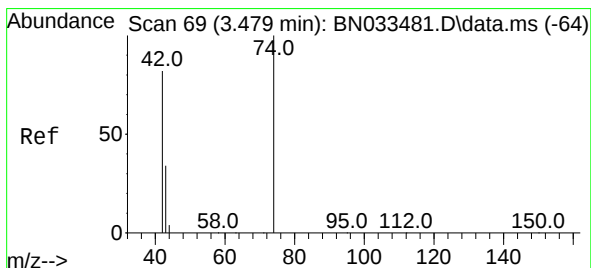
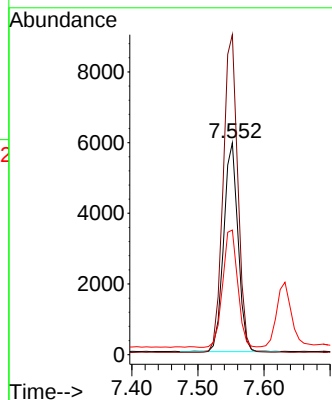
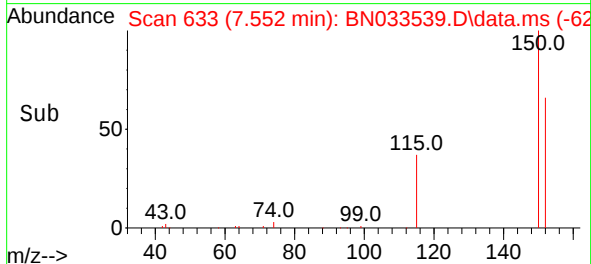


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.552 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN033539.D
Acq: 21 Aug 2024 12:29

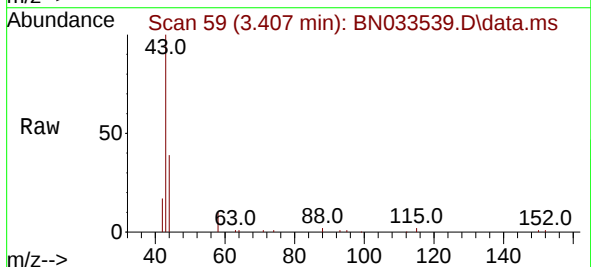
Instrument :
BNA_N
ClientSampleId :



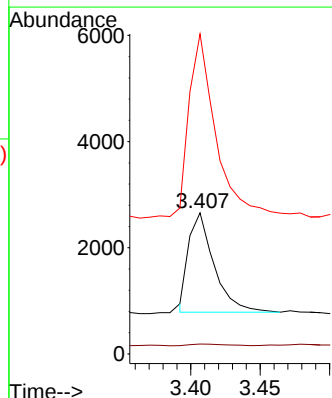
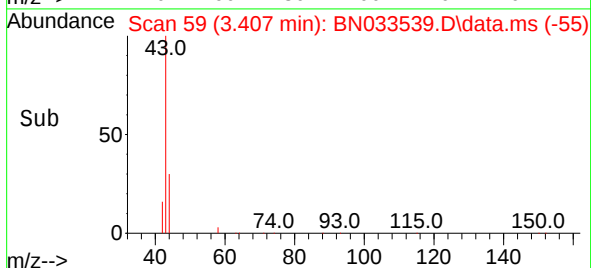
Tgt Ion:152 Resp: 8918
Ion Ratio Lower Upper
152 100
150 151.1 122.2 183.2
115 58.8 47.2 70.8

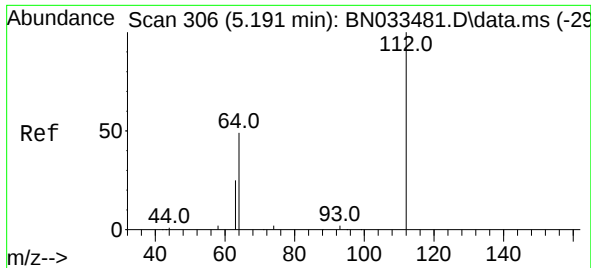


#3
n-Nitrosodimethylamine
Concen: 0.201 ng
RT: 3.407 min Scan# 59
Delta R.T. -0.072 min
Lab File: BN033539.D
Acq: 21 Aug 2024 12:29



Tgt Ion: 42 Resp: 2394
Ion Ratio Lower Upper
42 100
74 2.1 100.2 150.2#
44 192.4 5.3 7.9#

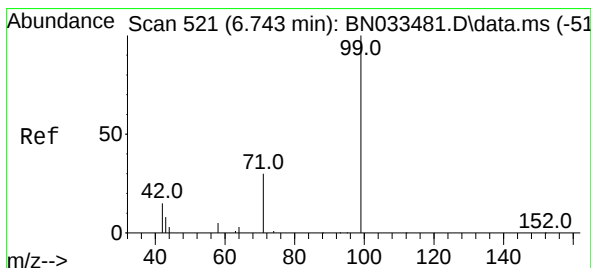
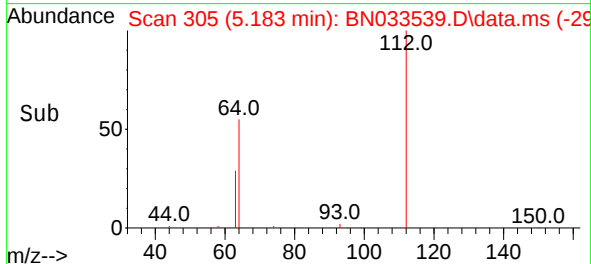
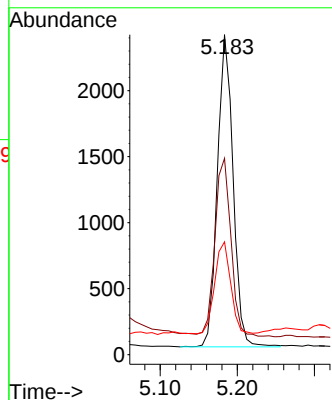
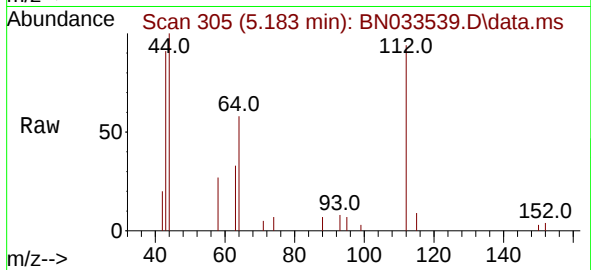




#4
2-Fluorophenol
Concen: 0.118 ng
RT: 5.183 min Scan# 306
Delta R.T. -0.007 min
Lab File: BN033539.D
Acq: 21 Aug 2024 12:29

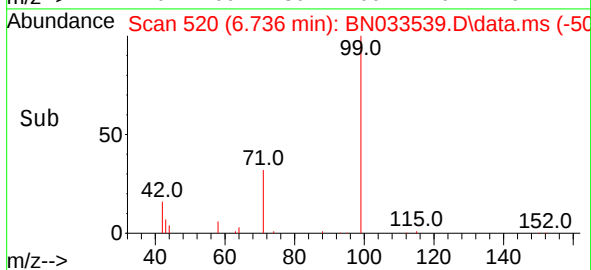
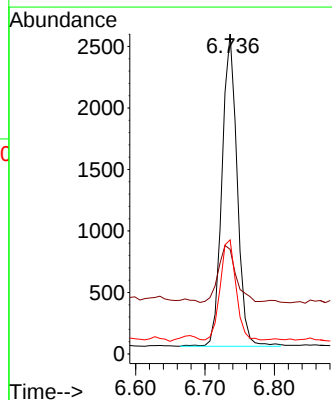
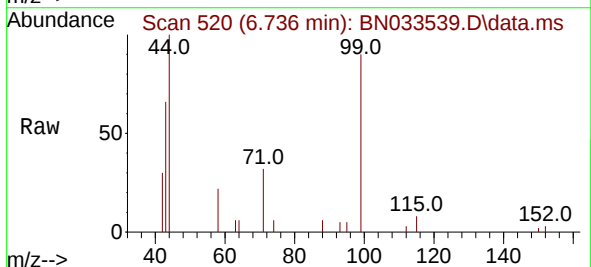
Instrument :
BNA_N
ClientSampleId :

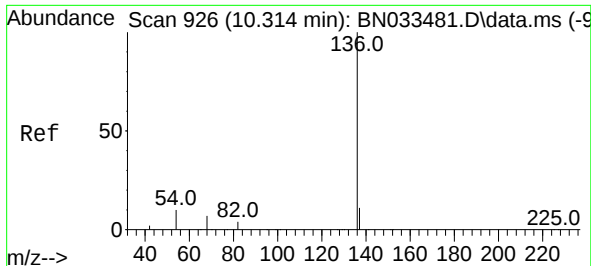
Tgt Ion:	112	Resp:	3352
Ion	Ratio	Lower	Upper
112	100		
64	58.7	47.1	70.7
63	29.8	24.9	37.3



#5
Phenol-d6
Concen: 0.114 ng
RT: 6.736 min Scan# 520
Delta R.T. -0.007 min
Lab File: BN033539.D
Acq: 21 Aug 2024 12:29

Tgt Ion:	99	Resp:	3857
Ion	Ratio	Lower	Upper
99	100		
42	21.1	16.6	24.8
71	33.4	26.2	39.4

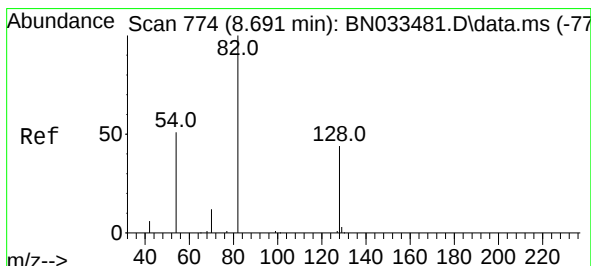
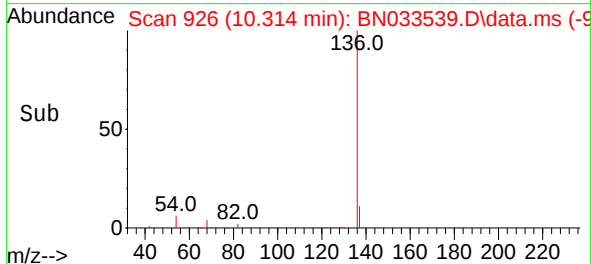
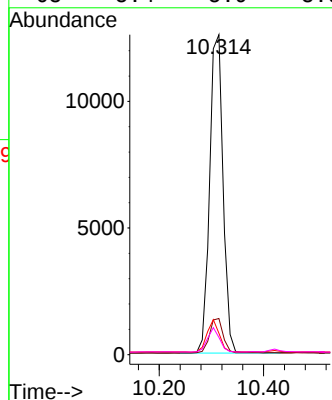
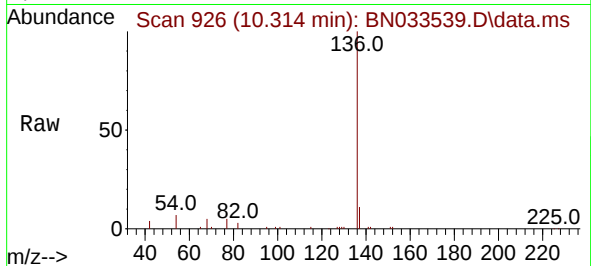




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.314 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN033539.D
Acq: 21 Aug 2024 12:29

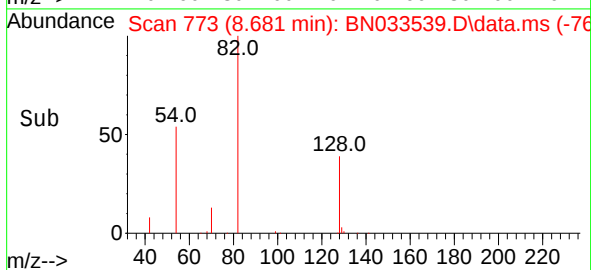
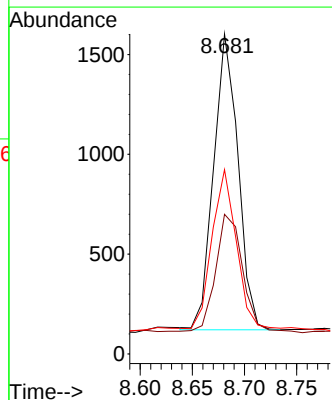
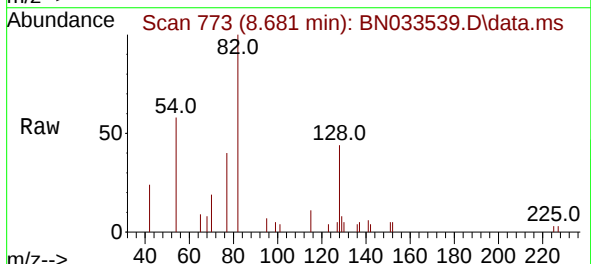
Instrument :
BNA_N
ClientSampleId :

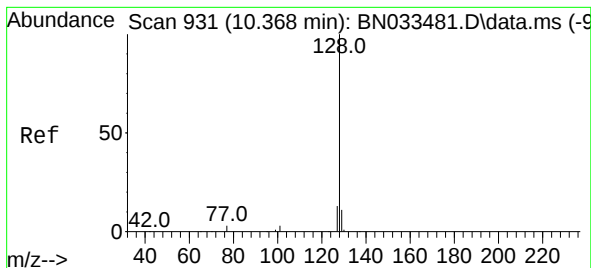
Tgt Ion:136 Resp: 22419
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 6.7 8.3 12.5#
68 5.4 5.9 8.9#



#8
Nitrobenzene-d5
Concen: 0.130 ng
RT: 8.681 min Scan# 773
Delta R.T. -0.011 min
Lab File: BN033539.D
Acq: 21 Aug 2024 12:29

Tgt Ion: 82 Resp: 2415
Ion Ratio Lower Upper
82 100
128 43.7 36.0 54.0
54 57.6 42.0 63.0





#9

Naphthalene

Concen: 0.203 ng

RT: 10.357 min Scan# 90

Delta R.T. -0.011 min

Lab File: BN033539.D

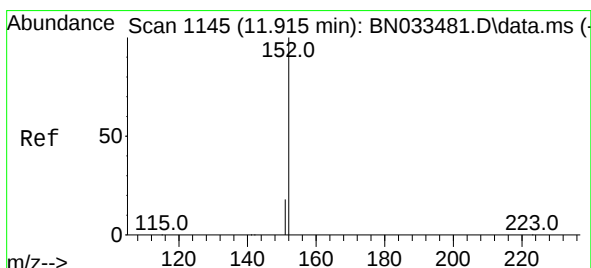
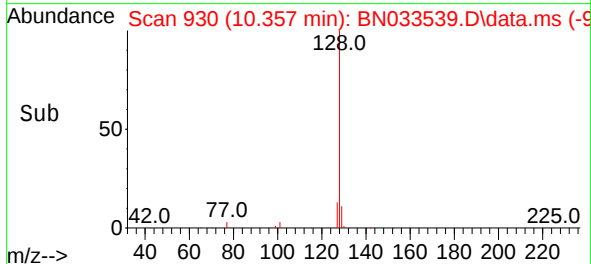
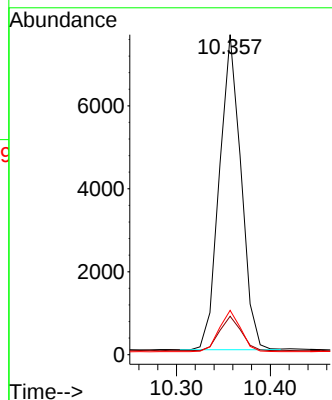
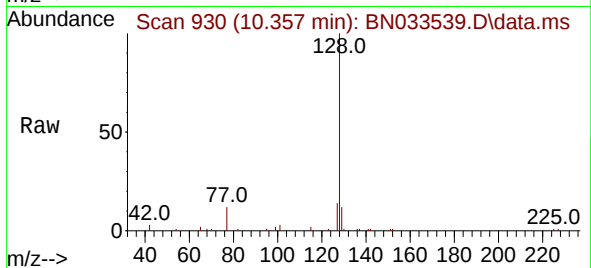
Acq: 21 Aug 2024 12:29

Instrument :

BNA_N

ClientSampleId :

Tgt Ion:128	Resp:	12162
Ion Ratio	Lower	Upper
128	100	
129	12.0	9.1 13.7
127	13.9	10.7 16.1



#11

2-Methylnaphthalene-d10

Concen: 0.123 ng

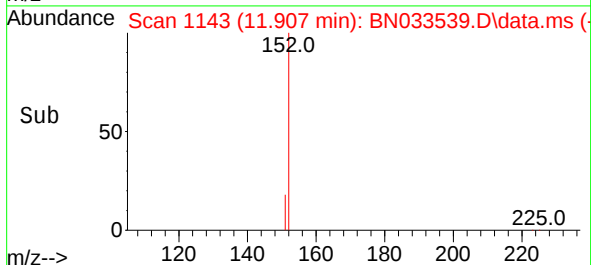
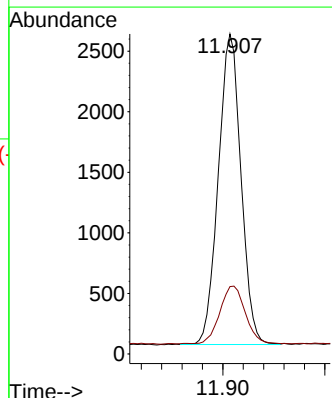
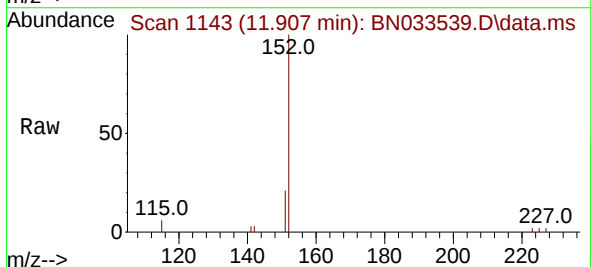
RT: 11.907 min Scan# 1143

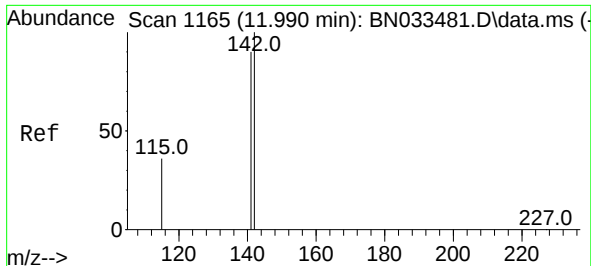
Delta R.T. -0.008 min

Lab File: BN033539.D

Acq: 21 Aug 2024 12:29

Tgt Ion:152	Resp:	3944
Ion Ratio	Lower	Upper
152	100	
151	21.0	16.6 25.0

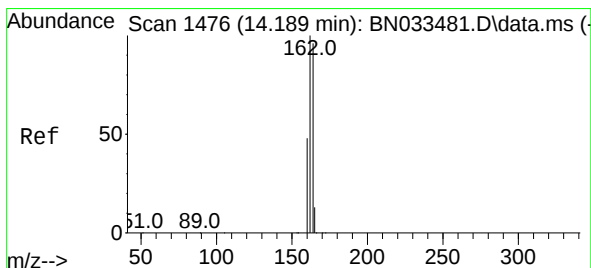
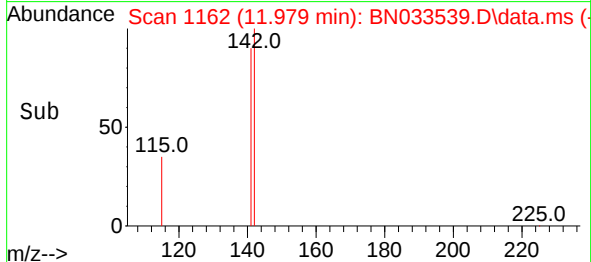
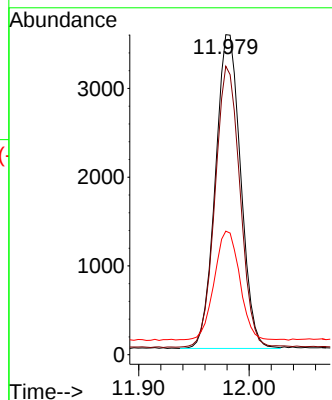
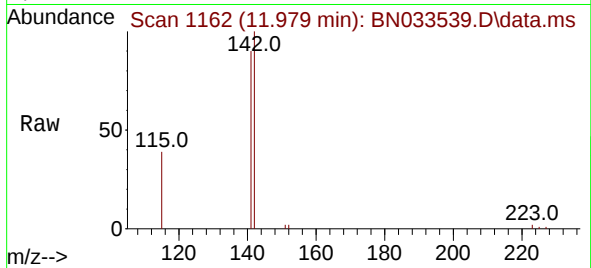




#12
2-Methylnaphthalene
Concen: 0.148 ng
RT: 11.979 min Scan# 1162
Delta R.T. -0.011 min
Lab File: BN033539.D
Acq: 21 Aug 2024 12:29

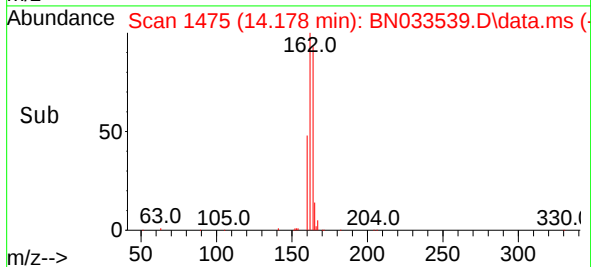
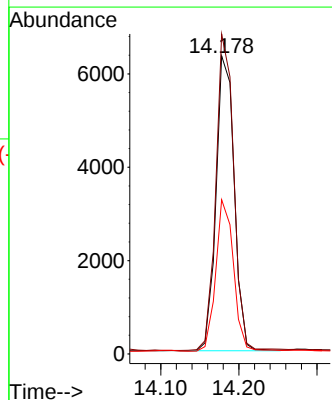
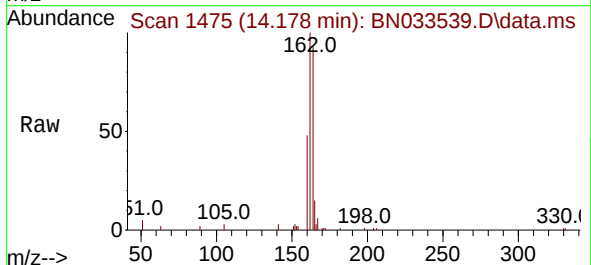
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ClientSampleId :

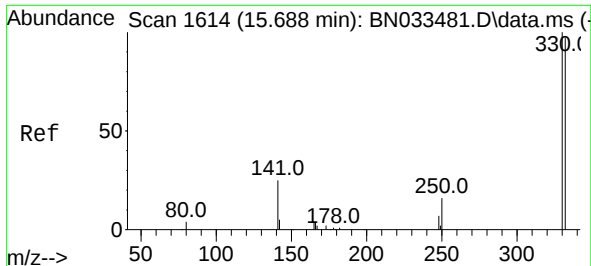
Tgt Ion:142 Resp: 5619
Ion Ratio Lower Upper
142 100
141 90.1 71.7 107.5
115 38.6 29.4 44.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.178 min Scan# 1475
Delta R.T. -0.011 min
Lab File: BN033539.D
Acq: 21 Aug 2024 12:29

Tgt Ion:164 Resp: 10205
Ion Ratio Lower Upper
164 100
162 107.3 83.5 125.3
160 51.7 40.2 60.4

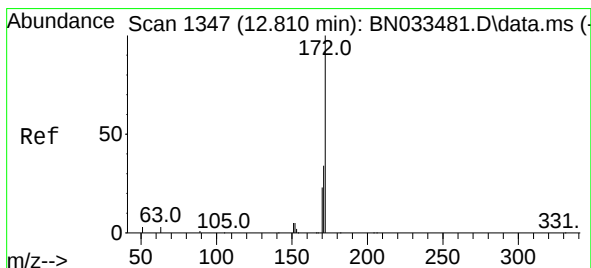
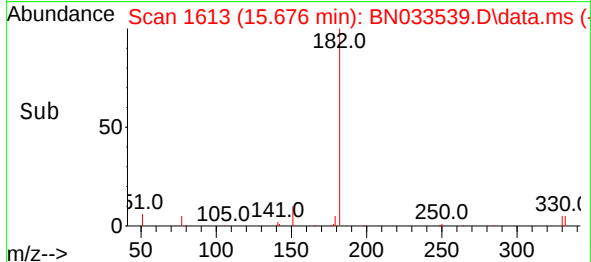
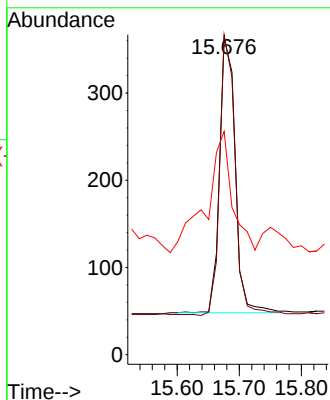
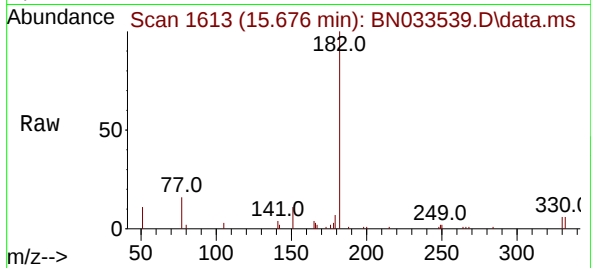




#14
2,4,6-Tribromophenol
Concen: 0.100 ng
RT: 15.676 min Scan# 1614
Delta R.T. -0.012 min
Lab File: BN033539.D
Acq: 21 Aug 2024 12:29

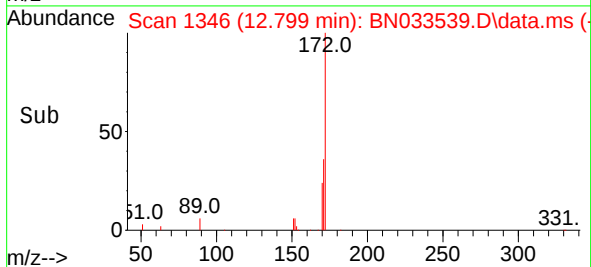
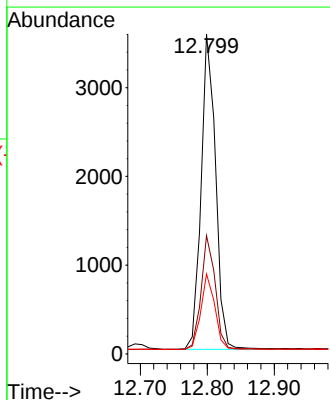
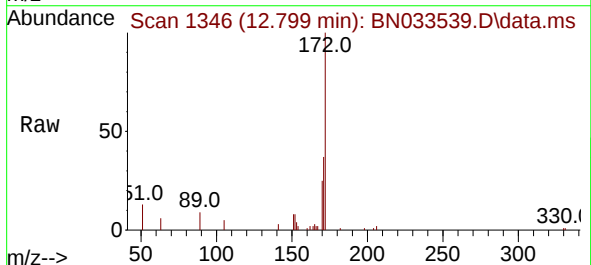
Instrument :
BNA_N
ClientSampleId :

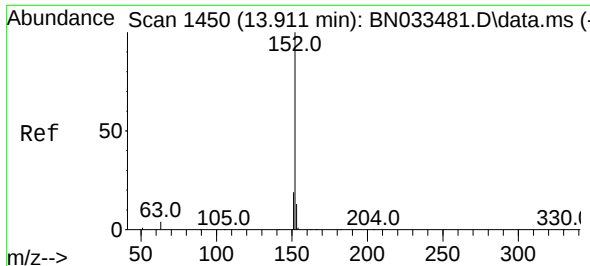
Tgt Ion:330 Resp: 550
Ion Ratio Lower Upper
330 100
332 99.5 77.5 116.3
141 67.5 33.9 50.9#



#15
2-Fluorobiphenyl
Concen: 0.128 ng
RT: 12.799 min Scan# 1346
Delta R.T. -0.011 min
Lab File: BN033539.D
Acq: 21 Aug 2024 12:29

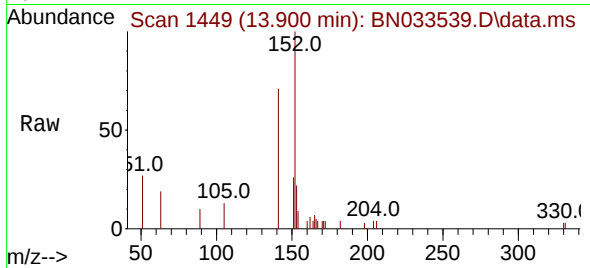
Tgt Ion:172 Resp: 5353
Ion Ratio Lower Upper
172 100
171 37.0 27.7 41.5
170 25.0 18.3 27.5



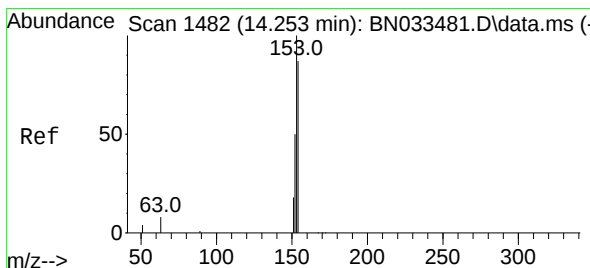
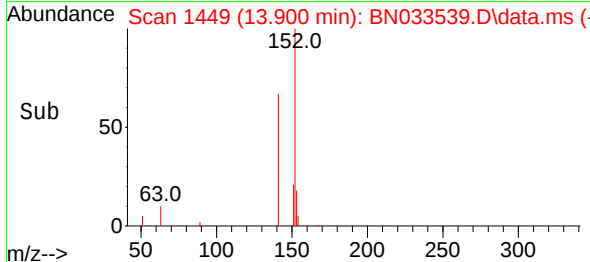
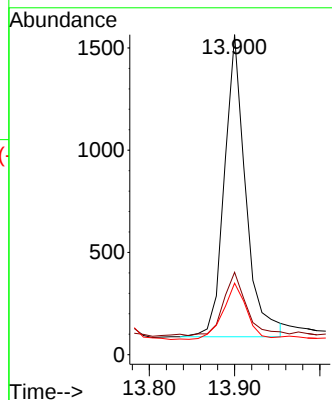


#16
Acenaphthylene
Concen: 0.057 ng
RT: 13.900 min Scan# 1449
Delta R.T. -0.011 min
Lab File: BN033539.D
Acq: 21 Aug 2024 12:29

Instrument :
BNA_N
ClientSampleId :

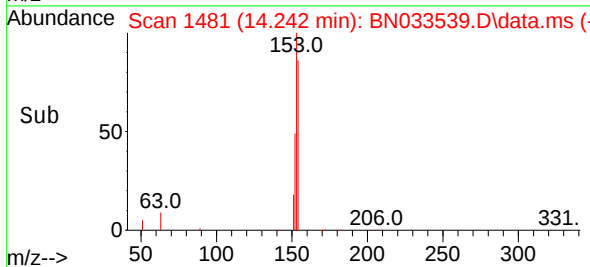
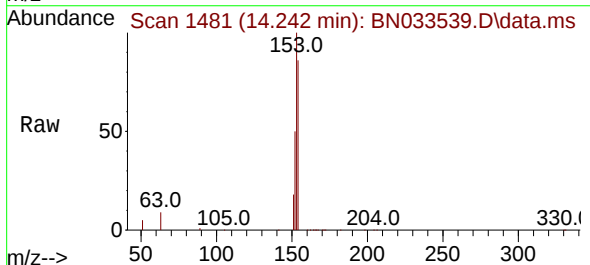
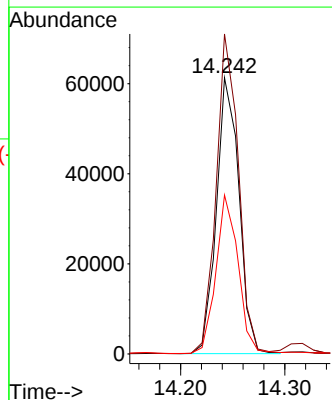


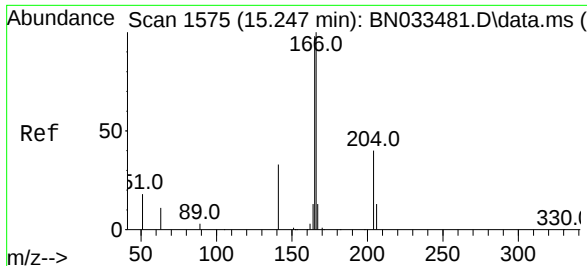
Tgt Ion:152 Resp: 2560
Ion Ratio Lower Upper
152 100
151 21.8 15.7 23.5
153 20.4 10.3 15.5#



#17
Acenaphthene
Concen: 2.929 ng
RT: 14.242 min Scan# 1481
Delta R.T. -0.011 min
Lab File: BN033539.D
Acq: 21 Aug 2024 12:29

Tgt Ion:154 Resp: 92202
Ion Ratio Lower Upper
154 100
153 113.9 89.0 133.6
152 56.4 45.2 67.8

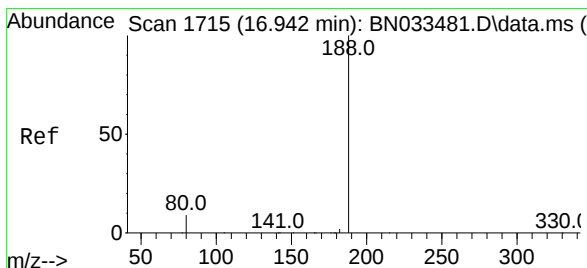
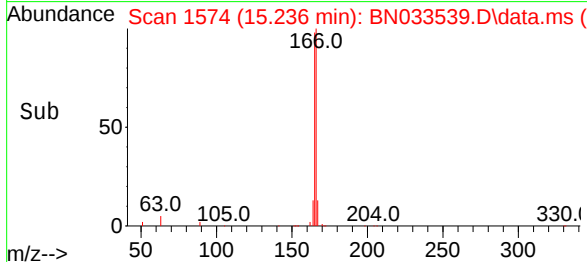
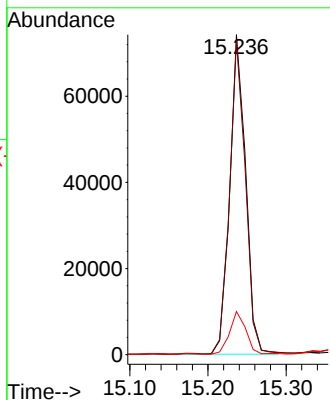
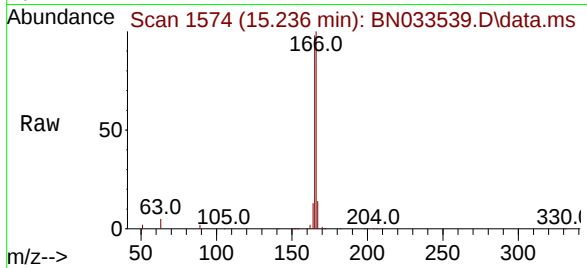




#18
 Fluorene
 Concen: 2.654 ng
 RT: 15.236 min Scan# 1574
 Delta R.T. -0.011 min
 Lab File: BN033539.D
 Acq: 21 Aug 2024 12:29

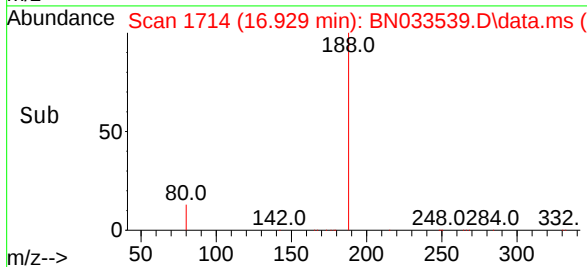
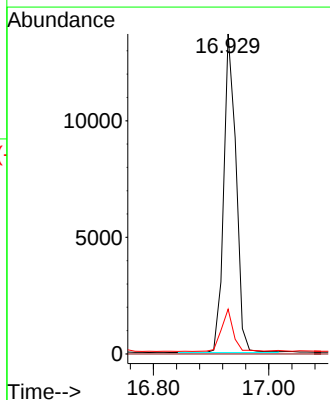
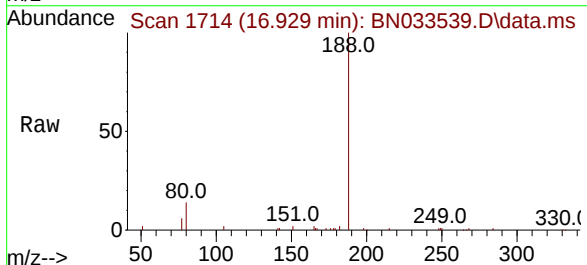
Instrument :
 BNA_N
 ClientSampleId :

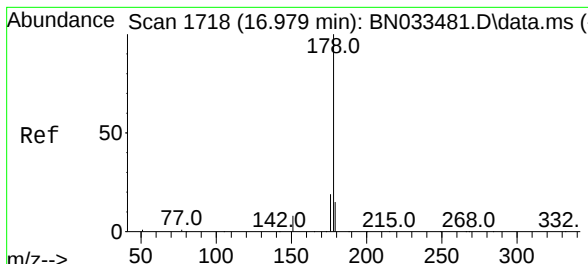
Tgt Ion:166 Resp: 105305
 Ion Ratio Lower Upper
 166 100
 165 97.2 78.2 117.4
 167 13.7 10.6 16.0



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.929 min Scan# 1714
 Delta R.T. -0.012 min
 Lab File: BN033539.D
 Acq: 21 Aug 2024 12:29

Tgt Ion:188 Resp: 20340
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 14.0 7.8 11.8#



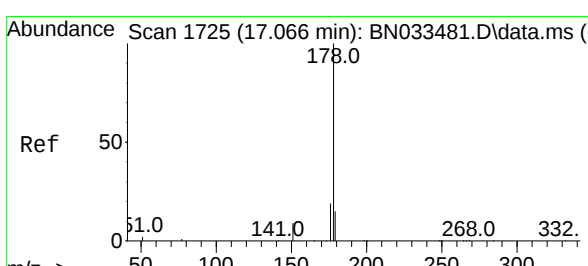
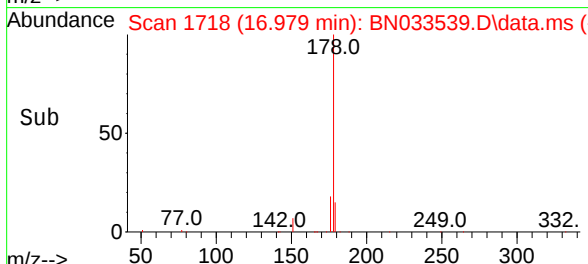
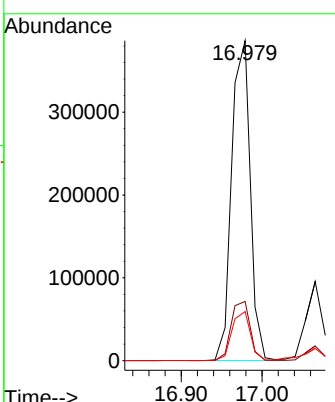
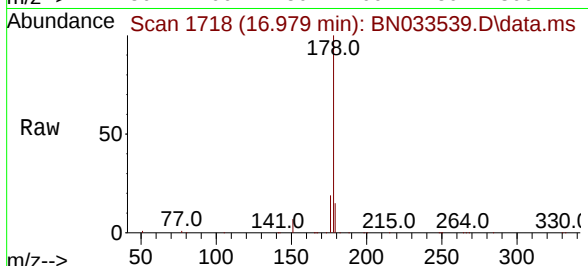


#25
 Phenanthrene
 Concen: 10.941 ng
 RT: 16.979 min Scan# 1718
 Delta R.T. -0.000 min
 Lab File: BN033539.D
 Acq: 21 Aug 2024 12:29

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:178 Resp: 619126

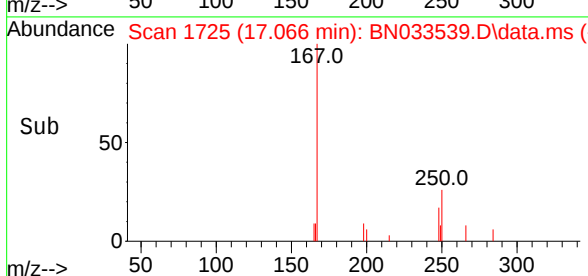
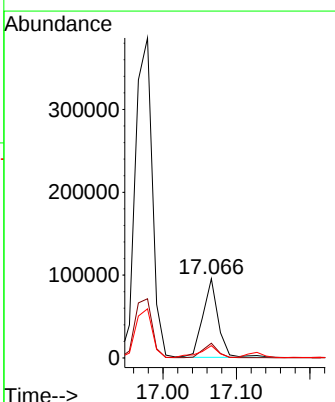
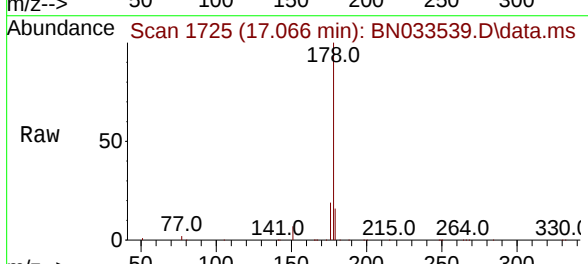
Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.2	12.3	18.5

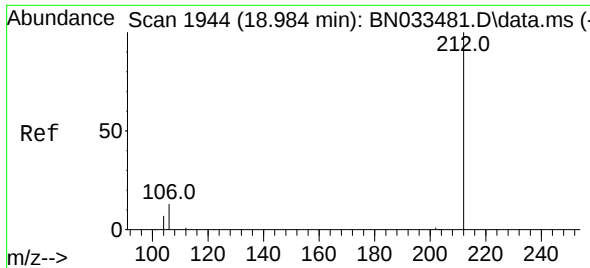


#26
 Anthracene
 Concen: 2.756 ng
 RT: 17.066 min Scan# 1725
 Delta R.T. -0.000 min
 Lab File: BN033539.D
 Acq: 21 Aug 2024 12:29

Tgt Ion:178 Resp: 137980

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.0	22.6
179	16.6	12.4	18.6

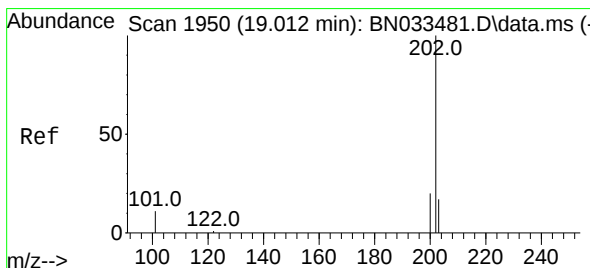
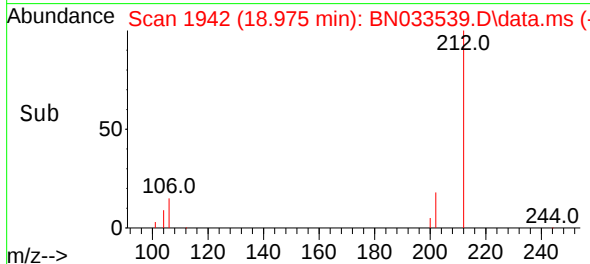
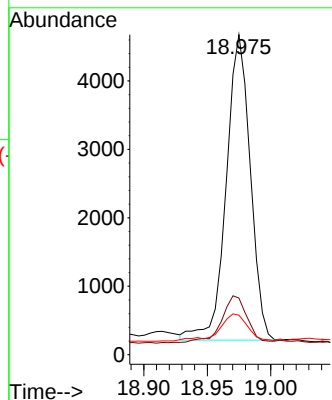
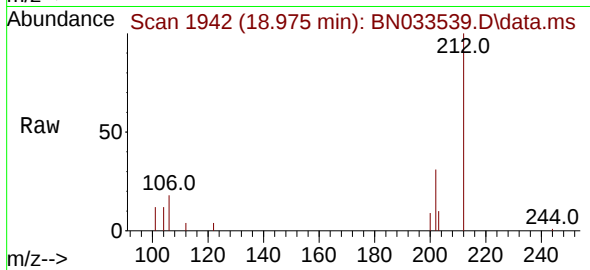




#27
Fluoranthene-d10
Concen: 0.120 ng
RT: 18.975 min Scan# 1942
Delta R.T. -0.009 min
Lab File: BN033539.D
Acq: 21 Aug 2024 12:29

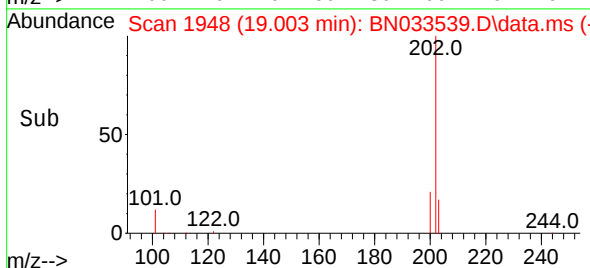
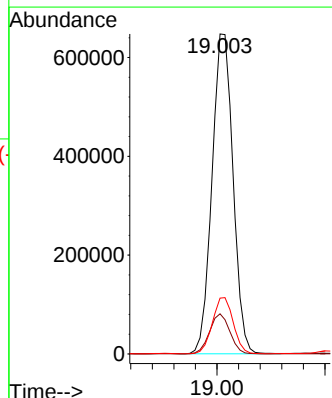
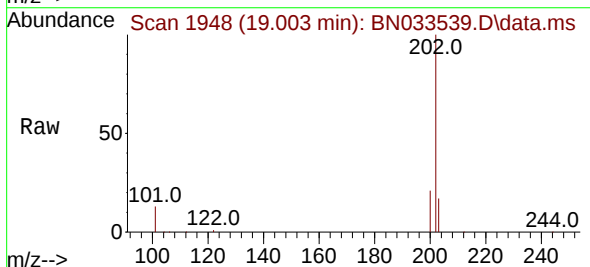
Instrument :
BNA_N
ClientSampleId :

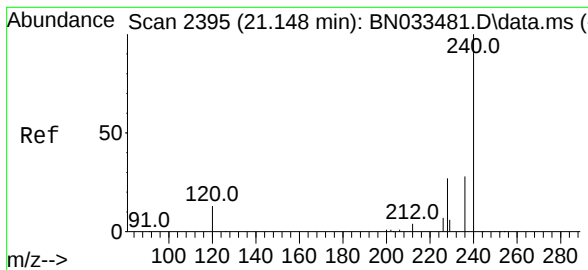
Tgt Ion:212 Resp: 5884
Ion Ratio Lower Upper
212 100
106 16.9 12.3 18.5
104 10.7 7.0 10.4#



#28
Fluoranthene
Concen: 14.012 ng
RT: 19.003 min Scan# 1948
Delta R.T. -0.009 min
Lab File: BN033539.D
Acq: 21 Aug 2024 12:29

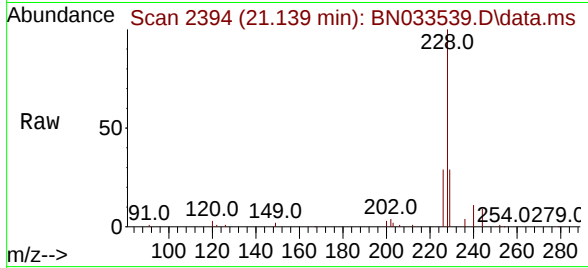
Tgt Ion:202 Resp: 876171
Ion Ratio Lower Upper
202 100
101 12.1 9.5 14.3
203 17.4 13.8 20.6



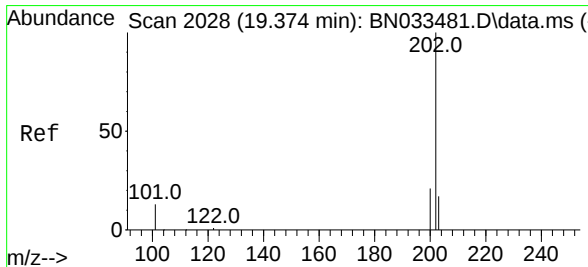
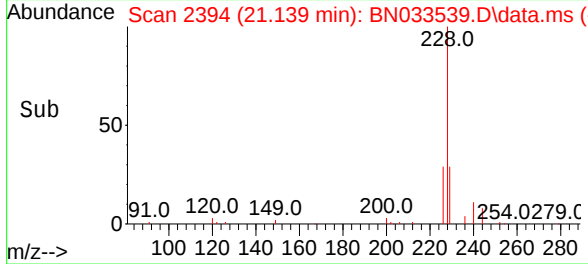
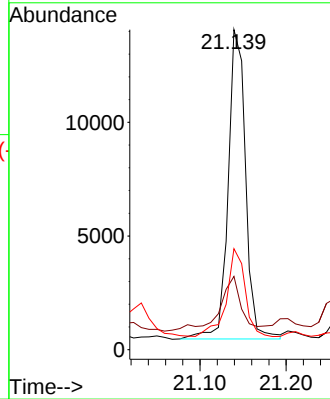


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.139 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN033539.D
Acq: 21 Aug 2024 12:29

Instrument :
BNA_N
ClientSampleId :

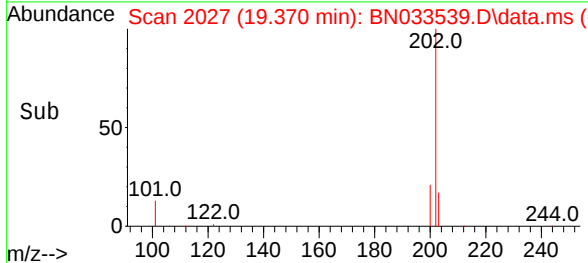
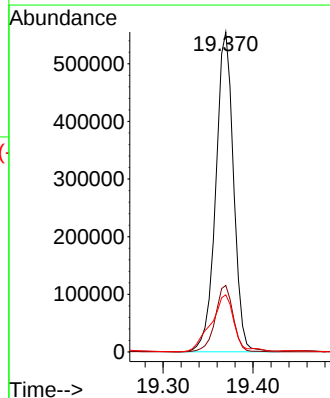
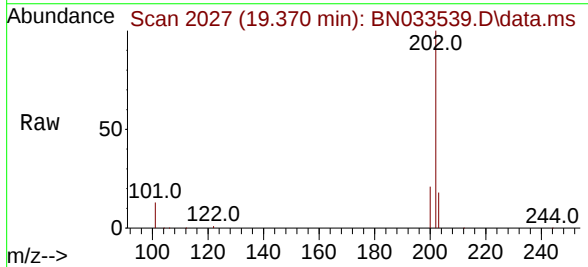


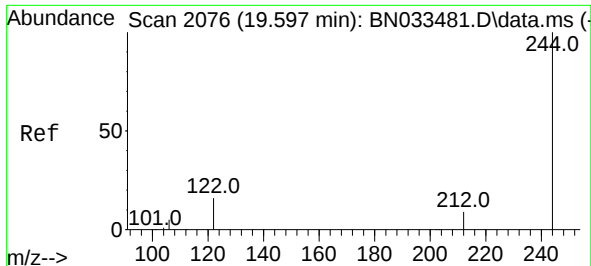
Tgt Ion:240 Resp: 19172
Ion Ratio Lower Upper
240 100
120 22.9 12.4 18.6#
236 31.5 23.0 34.6



#30
Pyrene
Concen: 8.872 ng
RT: 19.370 min Scan# 2027
Delta R.T. -0.005 min
Lab File: BN033539.D
Acq: 21 Aug 2024 12:29

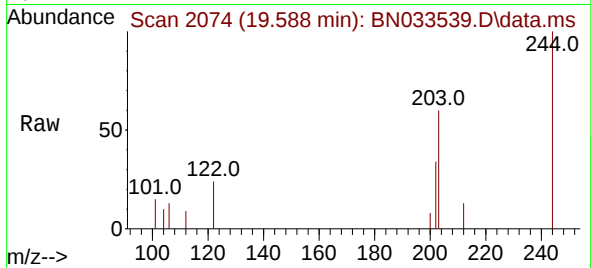
Tgt Ion:202 Resp: 759194
Ion Ratio Lower Upper
202 100
200 21.1 16.6 24.8
203 23.3 14.2 21.4#



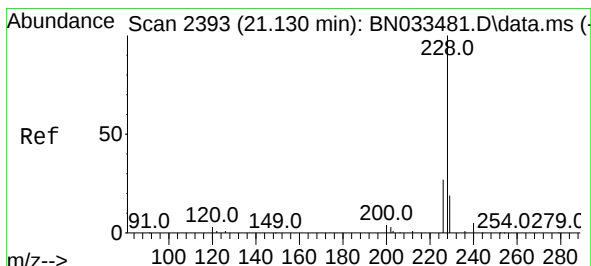
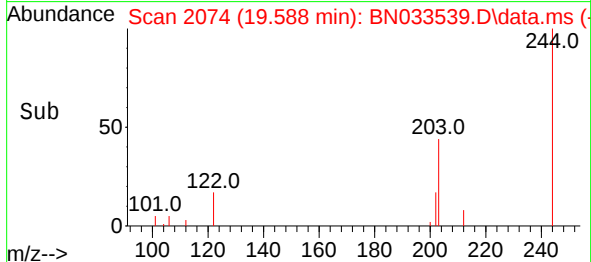
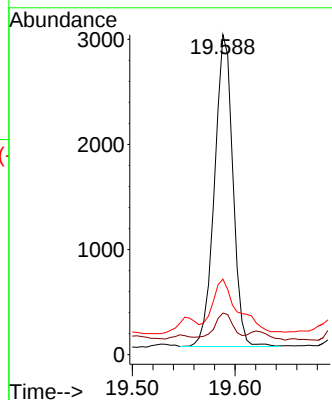


#31
 Terphenyl-d14
 Concen: 0.084 ng
 RT: 19.588 min Scan# 2074
 Delta R.T. -0.009 min
 Lab File: BN033539.D
 Acq: 21 Aug 2024 12:29

Instrument :
 BNA_N
 ClientSampleId :

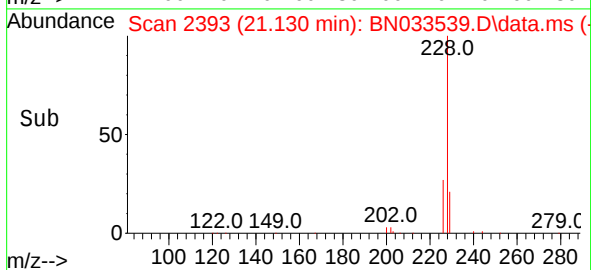
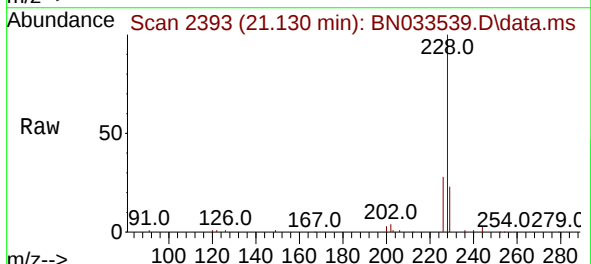
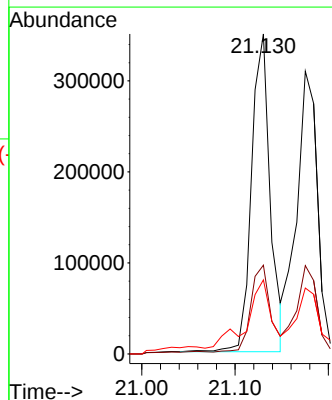


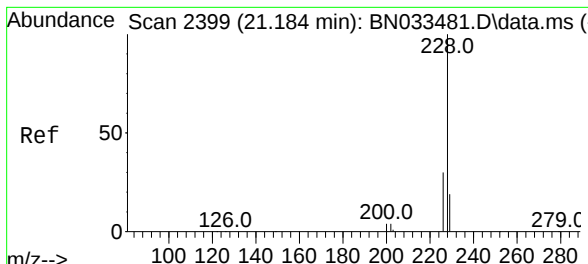
Tgt Ion:244 Resp: 3667
 Ion Ratio Lower Upper
 244 100
 212 13.0 7.8 11.6#
 122 23.6 13.3 19.9#



#32
 Benzo(a)anthracene
 Concen: 6.989 ng
 RT: 21.130 min Scan# 2393
 Delta R.T. -0.000 min
 Lab File: BN033539.D
 Acq: 21 Aug 2024 12:29

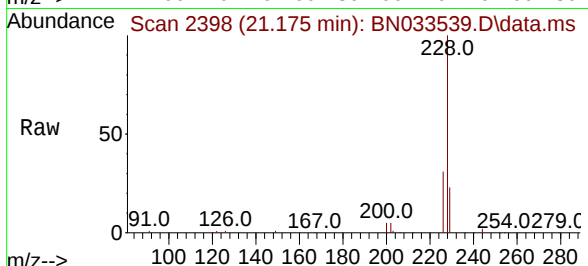
Tgt Ion:228 Resp: 484414
 Ion Ratio Lower Upper
 228 100
 226 27.8 21.8 32.6
 229 23.1 15.8 23.6



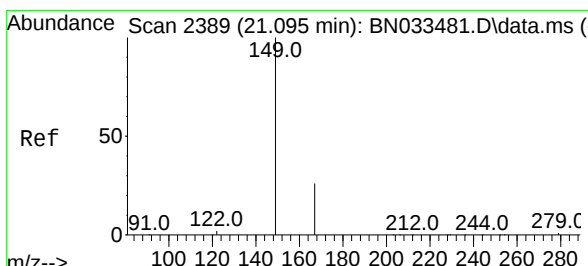
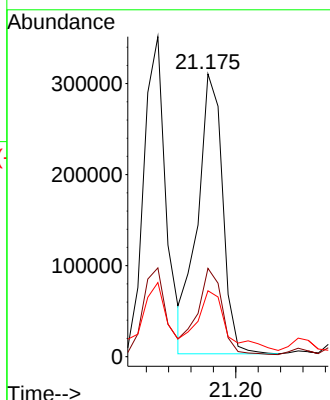
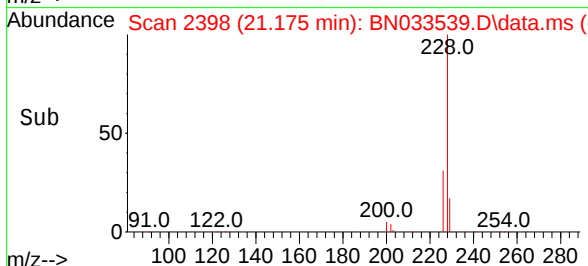


#33
Chrysene
Concen: 6.939 ng
RT: 21.175 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN033539.D
Acq: 21 Aug 2024 12:29

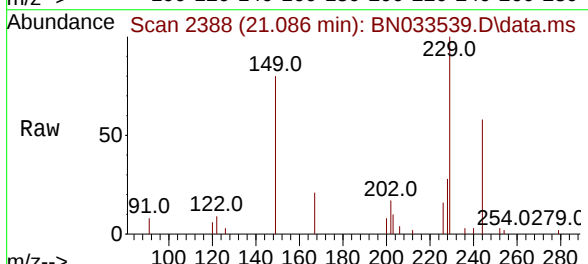
Instrument :
BNA_N
ClientSampleId :



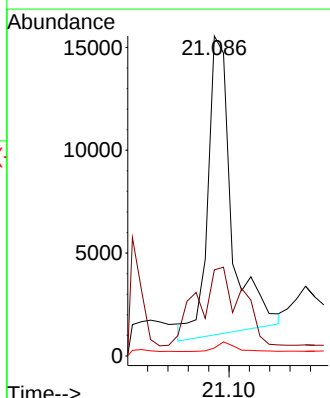
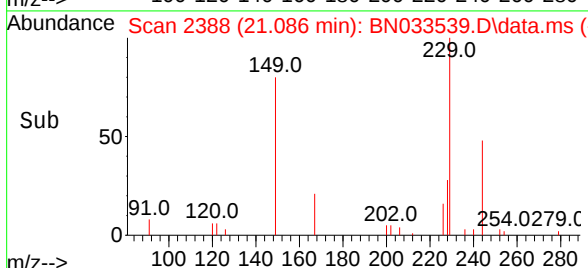
Tgt Ion:228 Resp: 478108
Ion Ratio Lower Upper
228 100
226 31.2 23.8 35.8
229 23.3 15.6 23.4

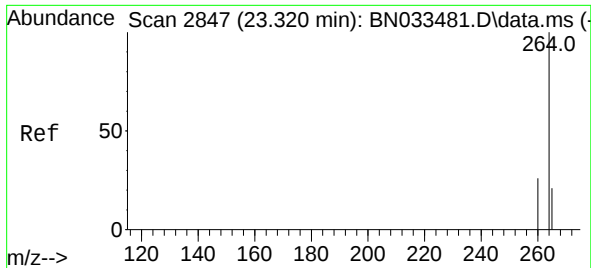


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.544 ng
RT: 21.086 min Scan# 2388
Delta R.T. -0.009 min
Lab File: BN033539.D
Acq: 21 Aug 2024 12:29



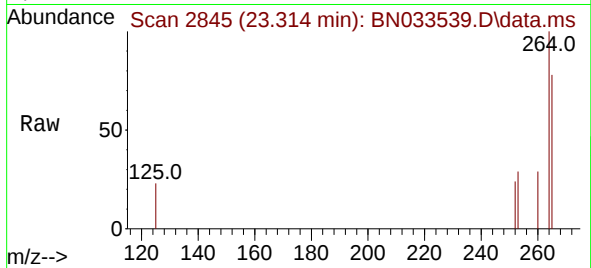
Tgt Ion:149 Resp: 23875
Ion Ratio Lower Upper
149 100
167 53.4 21.5 32.3#
279 3.9 2.2 3.2#



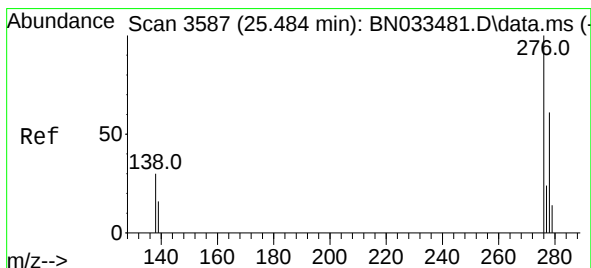
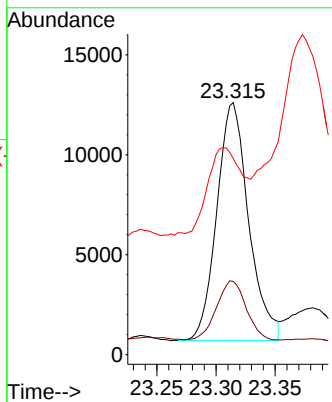
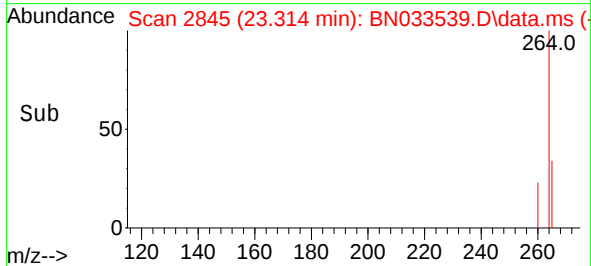


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.314 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN033539.D
Acq: 21 Aug 2024 12:29

Instrument :
BNA_N
ClientSampleId :

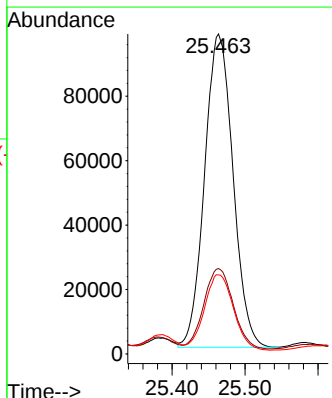
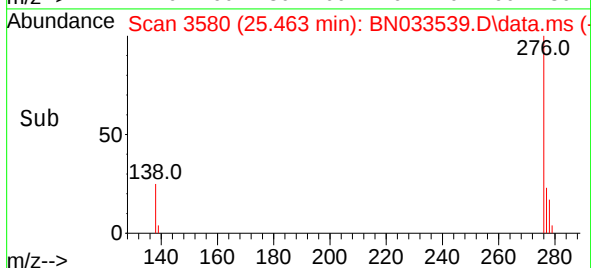
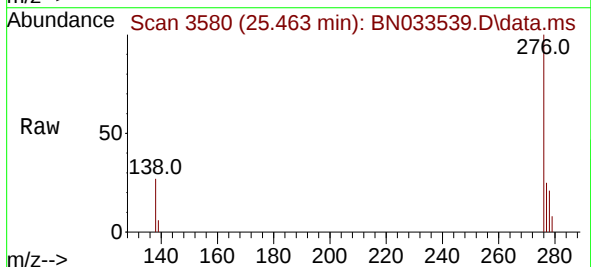


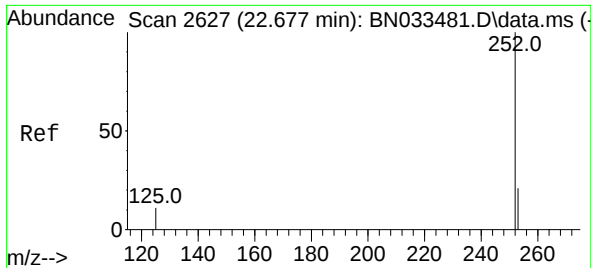
Tgt Ion:264 Resp: 22321
Ion Ratio Lower Upper
264 100
260 29.1 20.8 31.2
265 77.8 52.2 78.2



#36
Indeno(1,2,3-cd)pyrene
Concen: 2.841 ng
RT: 25.463 min Scan# 3580
Delta R.T. -0.020 min
Lab File: BN033539.D
Acq: 21 Aug 2024 12:29

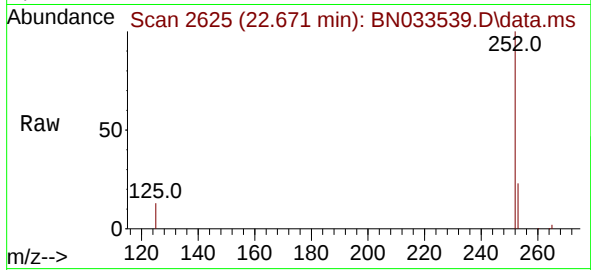
Tgt Ion:276 Resp: 263310
Ion Ratio Lower Upper
276 100
138 26.5 24.4 36.6
277 24.6 19.8 29.6



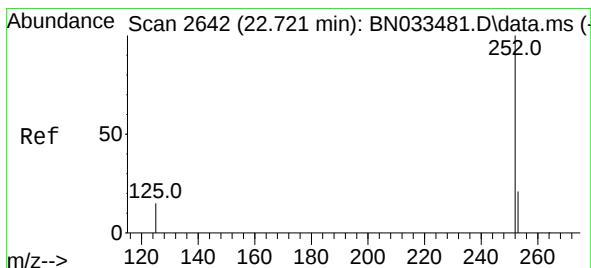
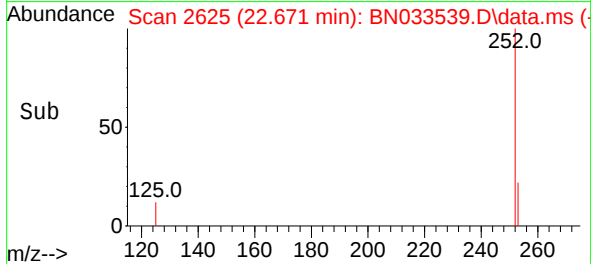
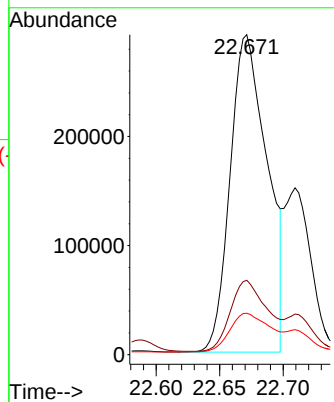


#37
Benzo(b)fluoranthene
Concen: 7.067 ng
RT: 22.671 min Scan# 2625
Delta R.T. -0.006 min
Lab File: BN033539.D
Acq: 21 Aug 2024 12:29

Instrument :
BNA_N
ClientSampleId :

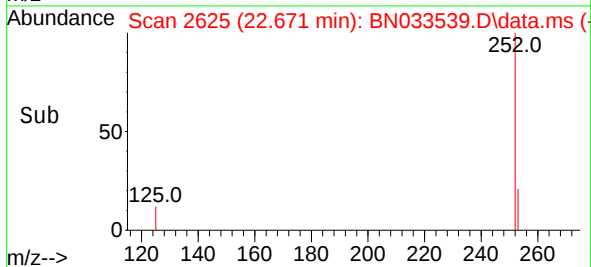
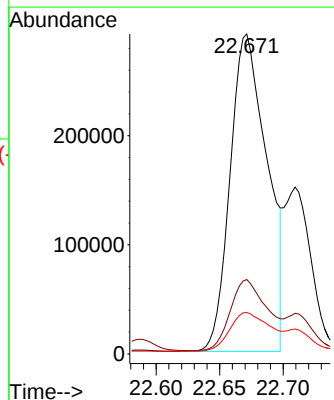
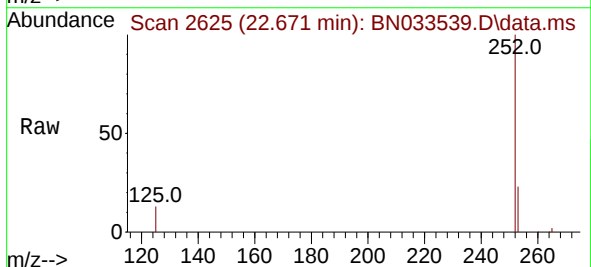


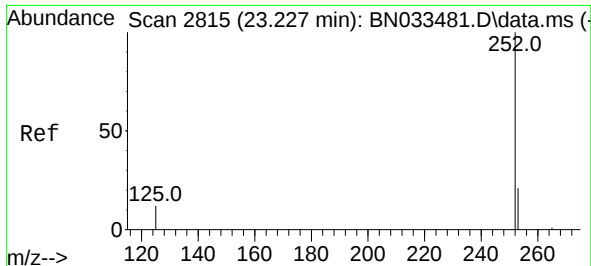
Tgt Ion:252 Resp: 589092
Ion Ratio Lower Upper
252 100
253 23.2 19.8 29.8
125 13.0 13.9 20.9#



#38
Benzo(k)fluoranthene
Concen: 7.180 ng
RT: 22.671 min Scan# 2625
Delta R.T. -0.050 min
Lab File: BN033539.D
Acq: 21 Aug 2024 12:29

Tgt Ion:252 Resp: 589092
Ion Ratio Lower Upper
252 100
253 23.2 19.8 29.8
125 13.0 15.8 23.8#





#39

Benzo(a)pyrene

Concen: 4.952 ng

RT: 23.127 min Scan# 21

Delta R.T. -0.099 min

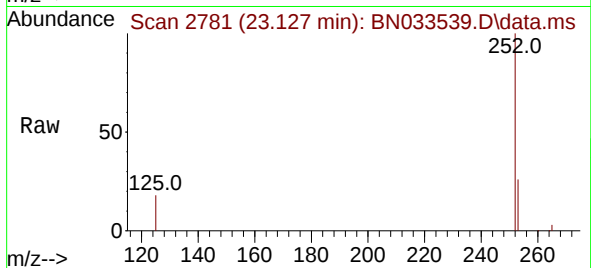
Lab File: BN033539.D

Acq: 21 Aug 2024 12:29

Instrument :

BNA_N

ClientSampleId :



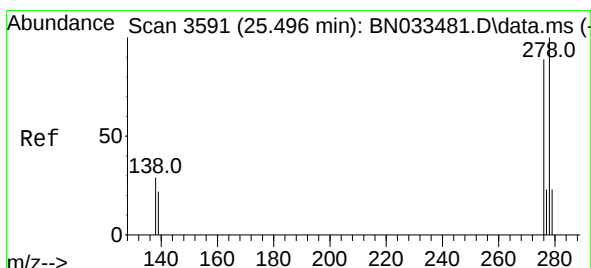
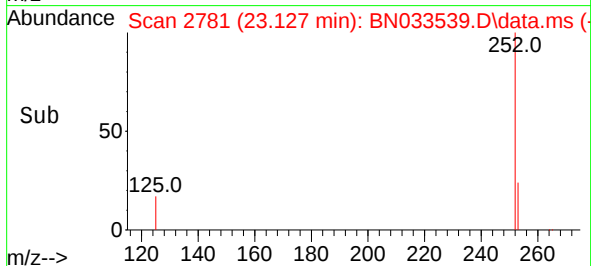
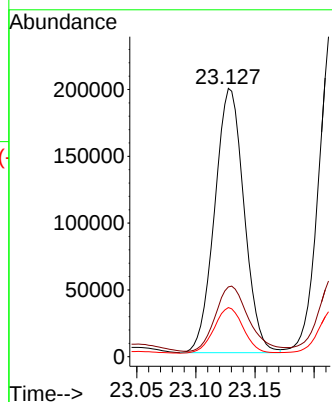
Tgt Ion:252 Resp: 341526

Ion Ratio Lower Upper

252 100

253 26.0 21.5 32.3

125 18.3 17.0 25.4



#40

Dibenzo(a,h)anthracene

Concen: 0.924 ng

RT: 25.475 min Scan# 3584

Delta R.T. -0.020 min

Lab File: BN033539.D

Acq: 21 Aug 2024 12:29

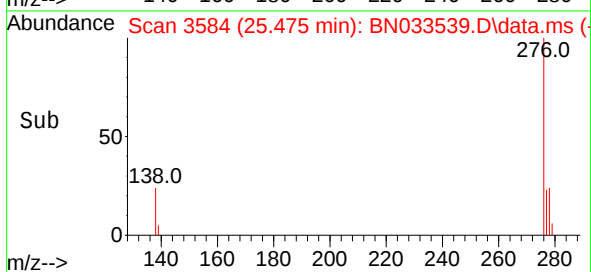
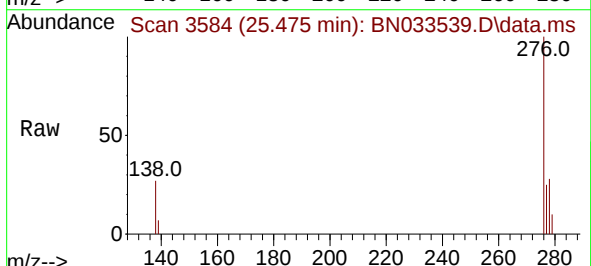
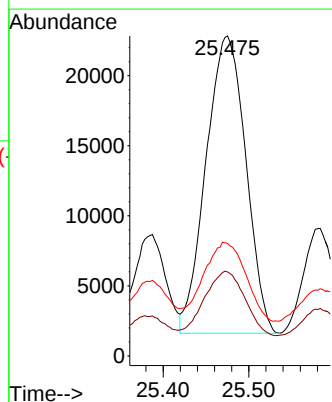
Tgt Ion:278 Resp: 68489

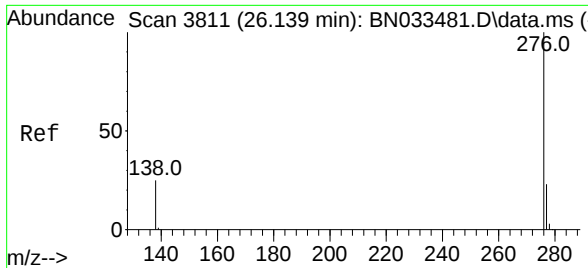
Ion Ratio Lower Upper

278 100

139 26.3 19.1 28.7

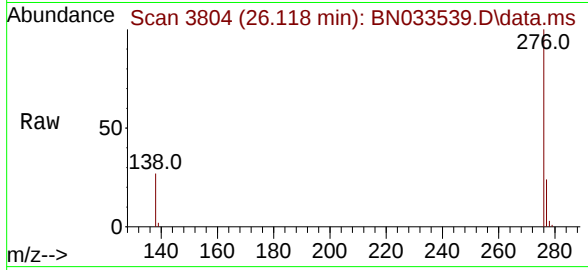
279 35.2 21.0 31.4#





#41
 Benzo(g,h,i)perylene
 Concen: 3.479 ng
 RT: 26.118 min Scan# 3804
 Delta R.T. -0.020 min
 Lab File: BN033539.D
 Acq: 21 Aug 2024 12:29

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:	276	Resp:	275680
Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.7	29.5
138	27.3	21.8	32.6

