

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033122\
 Data File : BN019295.D
 Acq On : 01 Apr 2022 19:44
 Operator : CG/JU
 Sample : N2220-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A10095

Quant Time: Apr 01 21:58:51 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN033122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 31 12:41:03 2022
 Response via : Initial Calibration

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

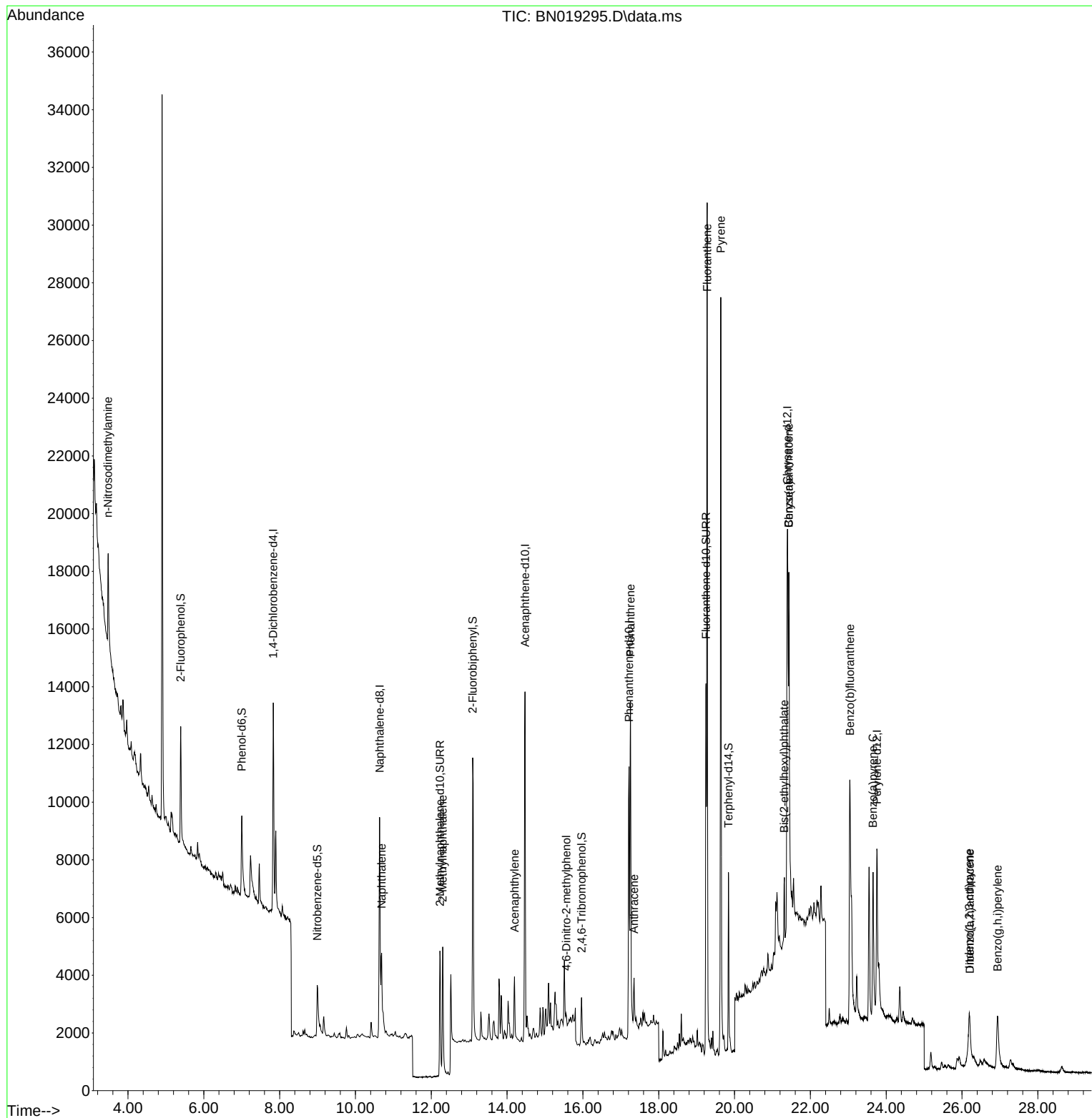
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	4084	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	11838	0.400	ng	# 0.00
13) Acenaphthene-d10	14.474	164	7459	0.400	ng	0.00
19) Phenanthrene-d10	17.215	188	15154	0.400	ng	# 0.00
29) Chrysene-d12	21.395	240	11380	0.400	ng	# 0.00
35) Perylene-d12	23.755	264	10303	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	3742	0.419	ng	0.00
5) Phenol-d6	7.002	99	3540	0.373	ng	0.00
8) Nitrobenzene-d5	8.993	82	2644	0.311	ng	0.00
11) 2-Methylnaphthalene-d10	12.227	152	7225	0.384	ng	0.00
14) 2,4,6-Tribromophenol	15.964	330	1139	0.326	ng	0.00
15) 2-Fluorobiphenyl	13.095	172	10335	0.345	ng	-0.01
27) Fluoranthene-d10	19.248	212	14618	0.321	ng	0.00
31) Terphenyl-d14	19.839	244	7973	0.315	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.470	42	1099	0.194	ng	# 1
9) Naphthalene	10.690	128	4386	0.128	ng	# 95
12) 2-Methylnaphthalene	12.302	142	3835	0.173	ng	95
16) Acenaphthylene	14.196	152	2234	0.065	ng	# 93
20) 4,6-Dinitro-2-methylph...	15.564	198	5	0.092	ng	# 1
25) Phenanthrene	17.256	178	13956	0.293	ng	98
26) Anthracene	17.349	178	2606	0.066	ng	# 92
28) Fluoranthene	19.278	202	27071	0.476	ng	100
30) Pyrene	19.636	202	25020	0.445	ng	97
32) Benzo(a)anthracene	21.431	228	14215	0.399	ng	91
33) Chrysene	21.431	228	13459	0.295	ng	94
34) Bis(2-ethylhexyl)phtha...	21.315	149	2513	0.105	ng	# 95
36) Indeno(1,2,3-cd)pyrene	26.191	276	4398	0.104	ng	# 82
37) Benzo(b)fluoranthene	23.042	252	22125	0.578	ng	# 76
39) Benzo(a)pyrene	23.653	252	7160	0.206	ng	# 52
40) Dibenzo(a,h)anthracene	26.205	278	911	0.030	ng	# 2
41) Benzo(g,h,i)perylene	26.936	276	5134	0.120	ng	# 89

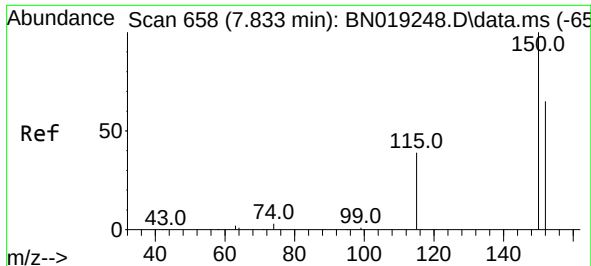
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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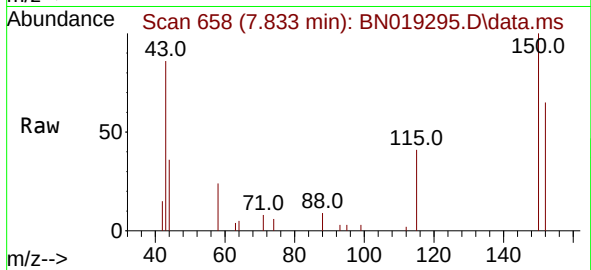
Quant Time: Apr 01 21:58:51 2022
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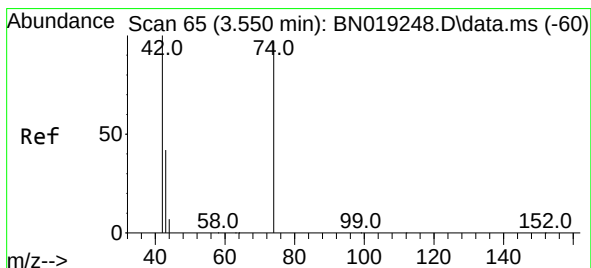
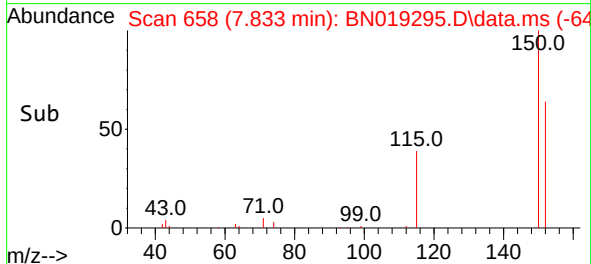
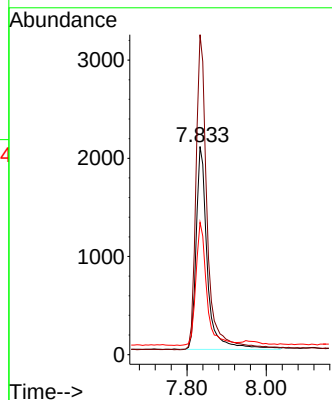
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.833 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN019295.D
 Acq: 01 Apr 2022 19:44

Instrument :
 BNA_N
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Tgt Ion:152 Resp: 4084

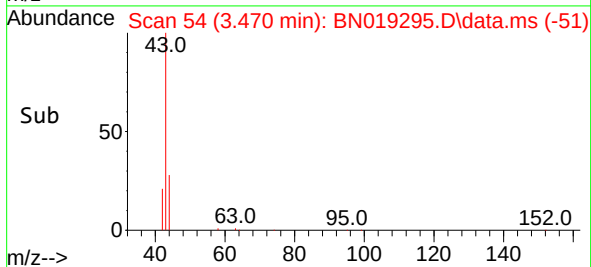
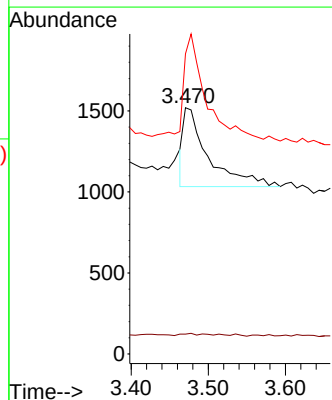
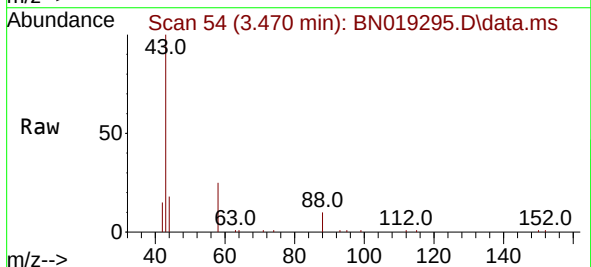
Ion	Ratio	Lower	Upper
152	100		
150	153.7	123.9	185.9
115	63.6	48.2	72.4

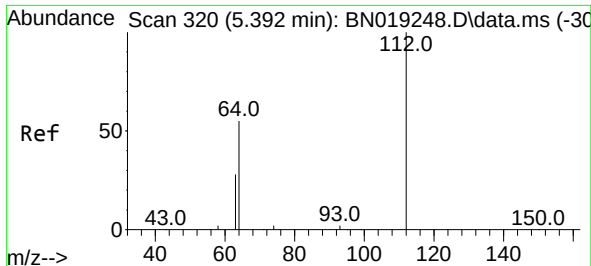


#3
 n-Nitrosodimethylamine
 Concen: 0.194 ng
 RT: 3.470 min Scan# 54
 Delta R.T. -0.080 min
 Lab File: BN019295.D
 Acq: 01 Apr 2022 19:44

Tgt Ion: 42 Resp: 1099

Ion	Ratio	Lower	Upper
42	100		
74	0.9	96.9	145.3#
44	110.7	7.3	10.9#

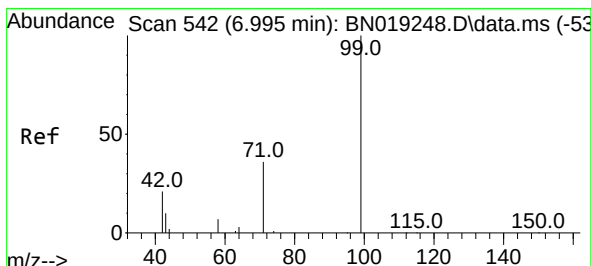
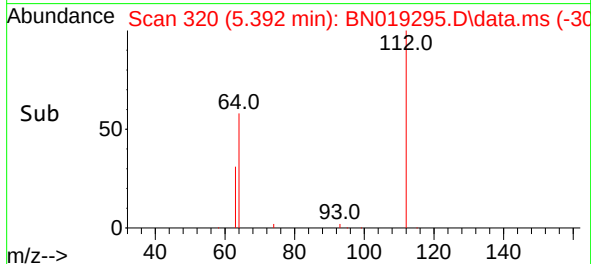
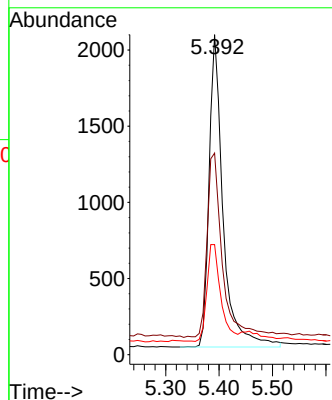
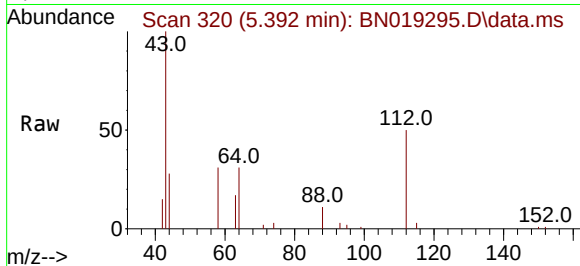




#4
2-Fluorophenol
Concen: 0.419 ng
RT: 5.392 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN019295.D
Acq: 01 Apr 2022 19:44

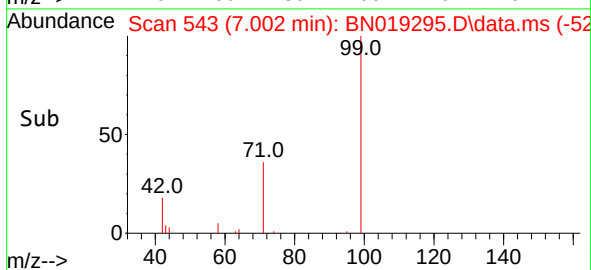
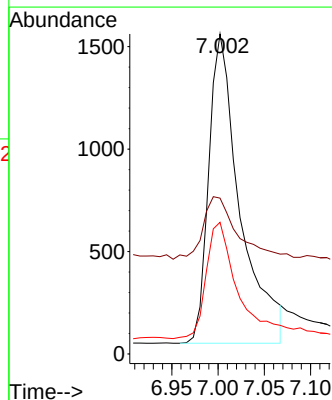
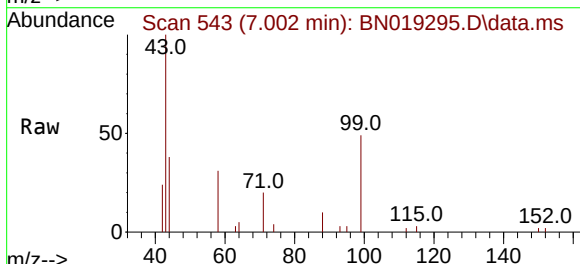
Instrument :
BNA_N
ClientSampleId :
A10095

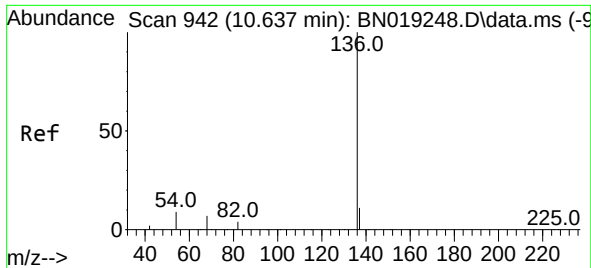
Tgt Ion:112 Resp: 3742
Ion Ratio Lower Upper
112 100
64 64.6 47.8 71.8
63 30.7 25.7 38.5



#5
Phenol-d6
Concen: 0.373 ng
RT: 7.002 min Scan# 543
Delta R.T. 0.007 min
Lab File: BN019295.D
Acq: 01 Apr 2022 19:44

Tgt Ion: 99 Resp: 3540
Ion Ratio Lower Upper
99 100
42 22.0 16.2 24.4
71 37.7 27.7 41.5

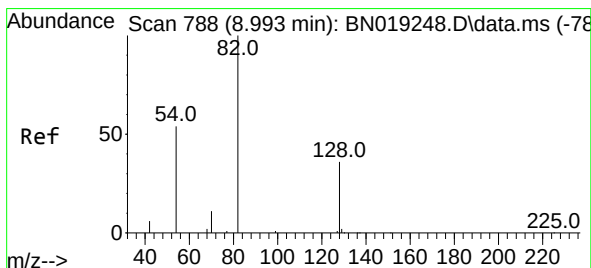
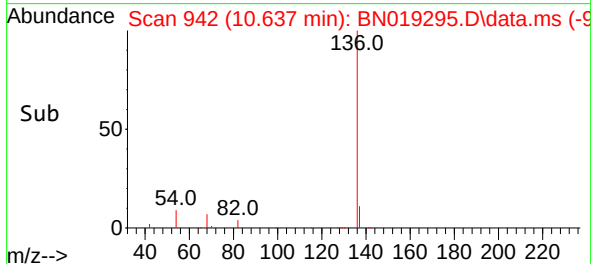
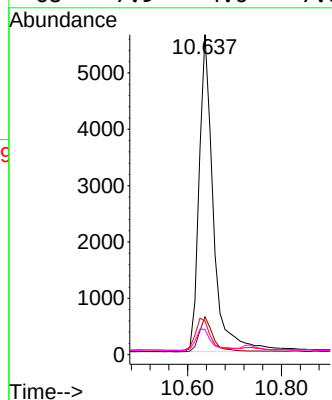
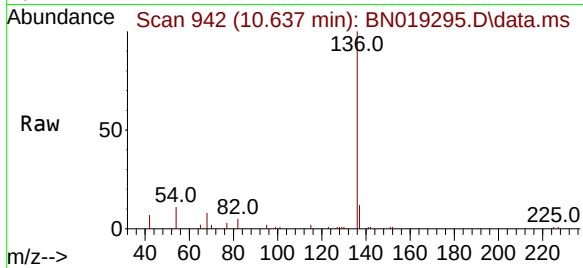




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 942
Delta R.T. -0.000 min
Lab File: BN019295.D
Acq: 01 Apr 2022 19:44

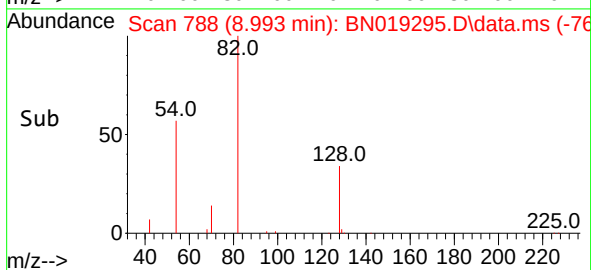
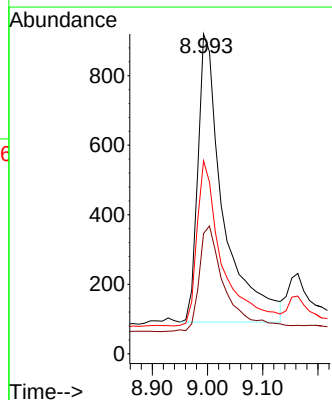
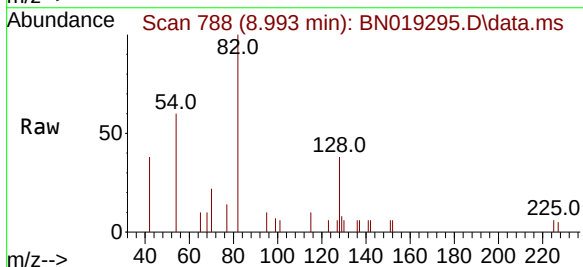
Instrument :
BNA_N
ClientSampleId :
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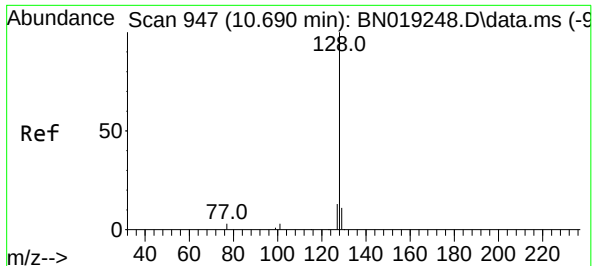
Tgt Ion:	136	Resp:	11838
Ion Ratio	Lower	Upper	
136	100		
137	11.9	9.0	13.4
54	10.5	5.8	8.6#
68	7.9	4.6	7.0#



#8
Nitrobenzene-d5
Concen: 0.311 ng
RT: 8.993 min Scan# 788
Delta R.T. -0.000 min
Lab File: BN019295.D
Acq: 01 Apr 2022 19:44

Tgt Ion:	82	Resp:	2644
Ion Ratio	Lower	Upper	
82	100		
128	37.6	33.0	49.6
54	60.3	42.5	63.7

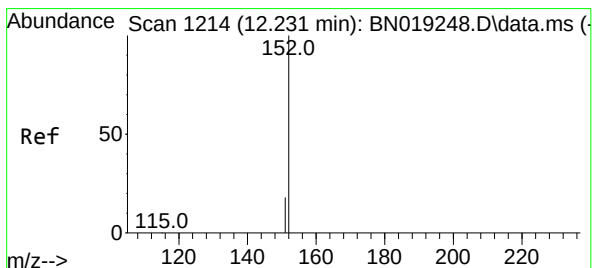
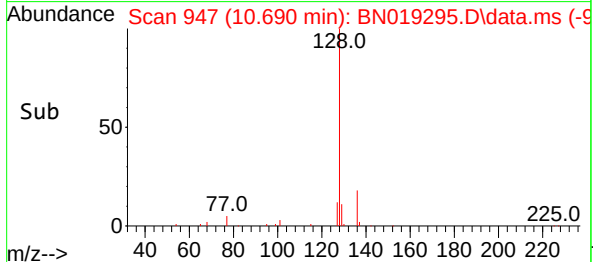
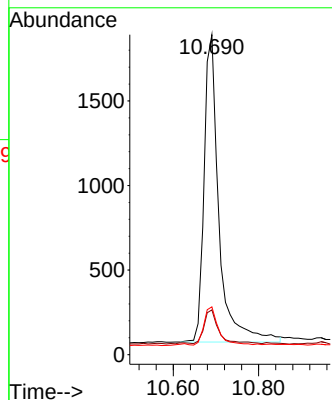
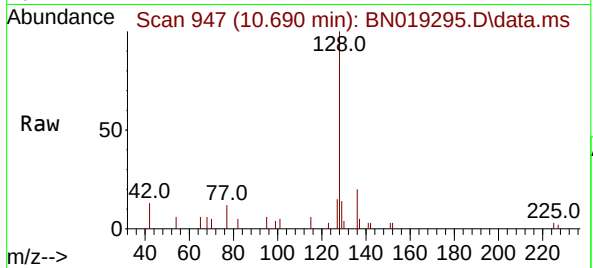




#9
Naphthalene
Concen: 0.128 ng
RT: 10.690 min Scan# 947
Delta R.T. -0.000 min
Lab File: BN019295.D
Acq: 01 Apr 2022 19:44

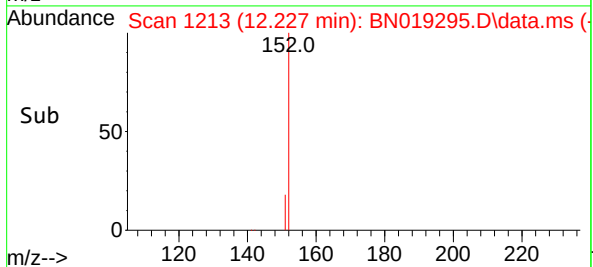
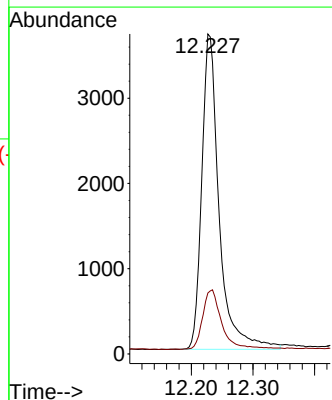
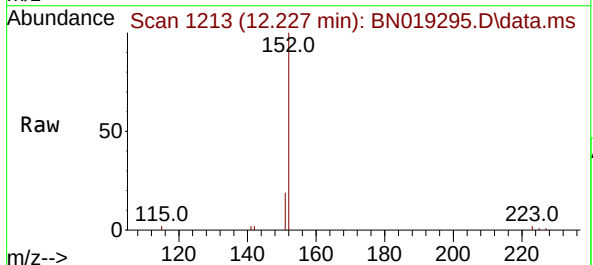
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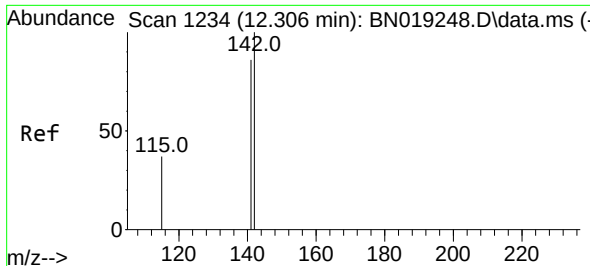
Tgt Ion:128 Resp: 4386
Ion Ratio Lower Upper
128 100
129 14.0 9.0 13.4#
127 15.0 10.7 16.1



#11
2-Methylnaphthalene-d10
Concen: 0.384 ng
RT: 12.227 min Scan# 1213
Delta R.T. -0.004 min
Lab File: BN019295.D
Acq: 01 Apr 2022 19:44

Tgt Ion:152 Resp: 7225
Ion Ratio Lower Upper
152 100
151 21.0 16.5 24.7

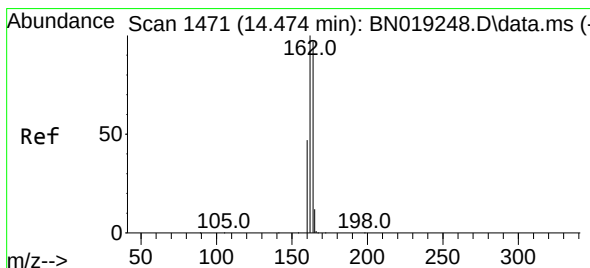
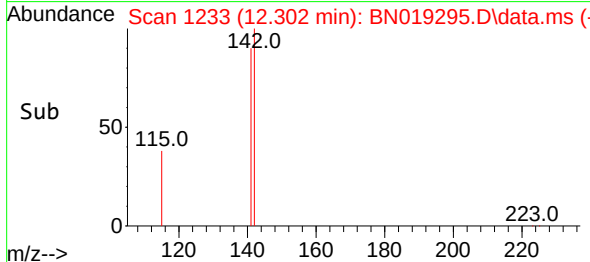
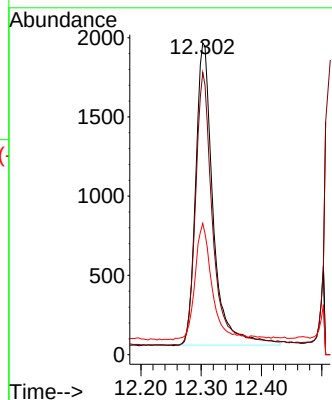
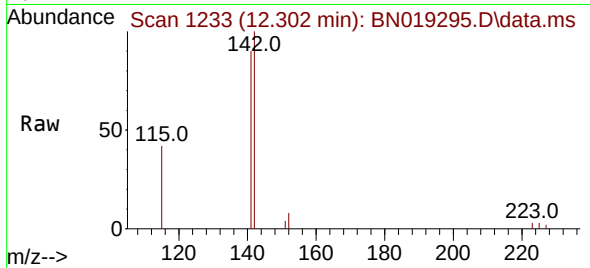




#12
2-Methylnaphthalene
Concen: 0.173 ng
RT: 12.302 min Scan# 1233
Delta R.T. -0.004 min
Lab File: BN019295.D
Acq: 01 Apr 2022 19:44

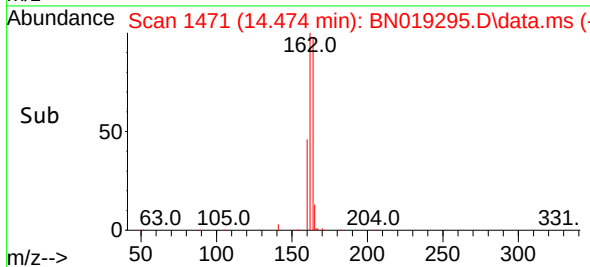
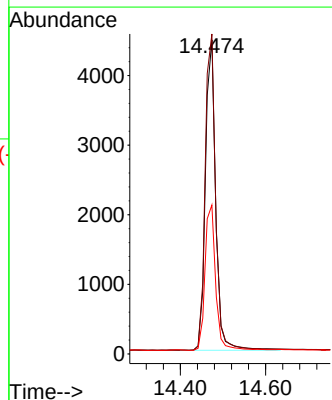
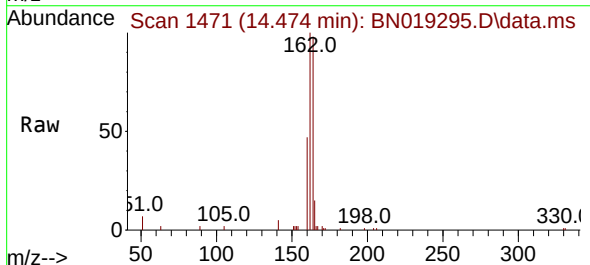
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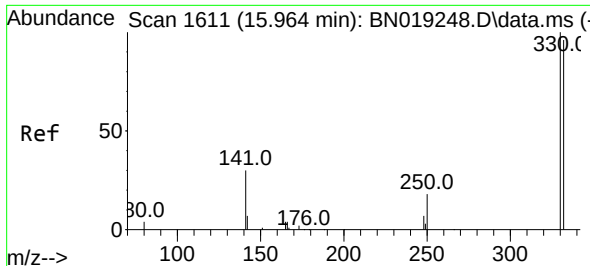
Tgt Ion:142 Resp: 3835
Ion Ratio Lower Upper
142 100
141 90.5 70.0 105.0
115 42.1 29.8 44.8



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.474 min Scan# 1471
Delta R.T. -0.000 min
Lab File: BN019295.D
Acq: 01 Apr 2022 19:44

Tgt Ion:164 Resp: 7459
Ion Ratio Lower Upper
164 100
162 101.9 85.2 127.8
160 47.4 41.5 62.3

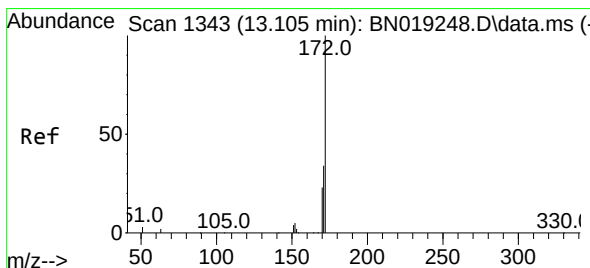
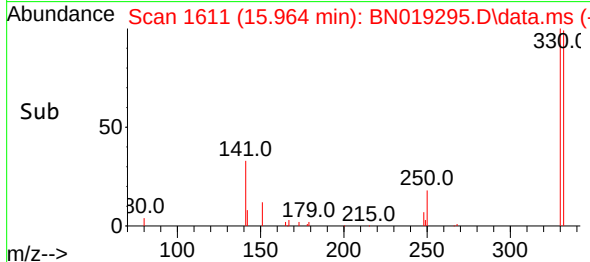
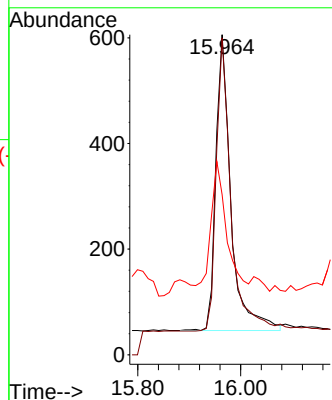
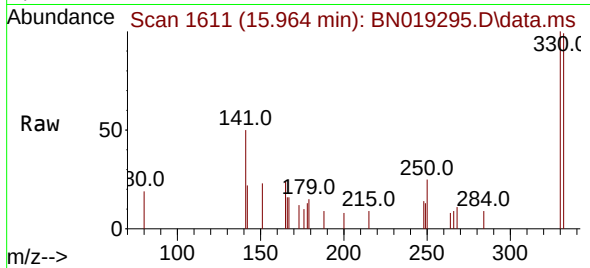




#14
2,4,6-Tribromophenol
Concen: 0.326 ng
RT: 15.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019295.D
Acq: 01 Apr 2022 19:44

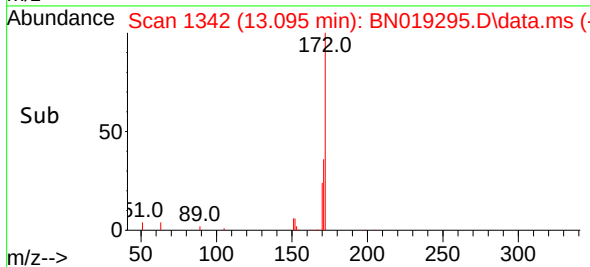
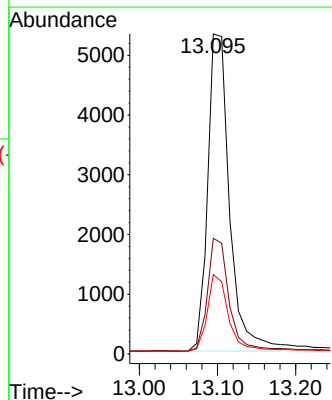
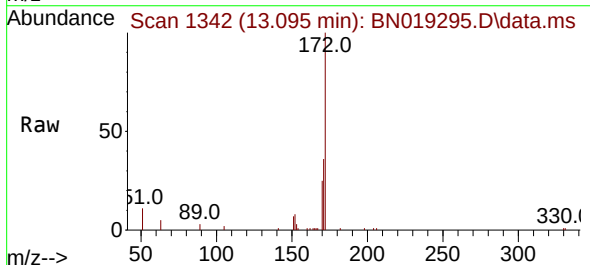
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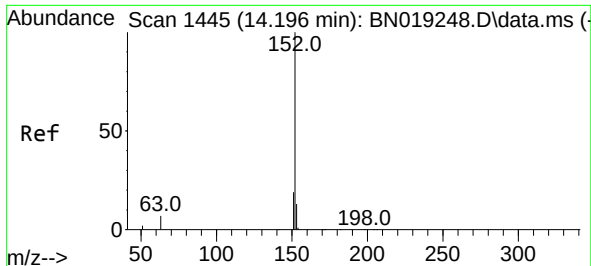
Tgt Ion:330 Resp: 1139
Ion Ratio Lower Upper
330 100
332 96.1 76.8 115.2
141 41.2 32.2 48.2



#15
2-Fluorobiphenyl
Concen: 0.345 ng
RT: 13.095 min Scan# 1342
Delta R.T. -0.011 min
Lab File: BN019295.D
Acq: 01 Apr 2022 19:44

Tgt Ion:172 Resp: 10335
Ion Ratio Lower Upper
172 100
171 36.2 28.2 42.2
170 24.8 18.7 28.1

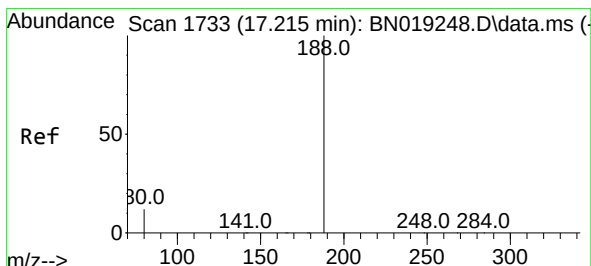
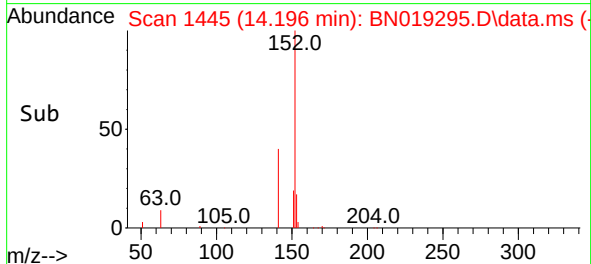
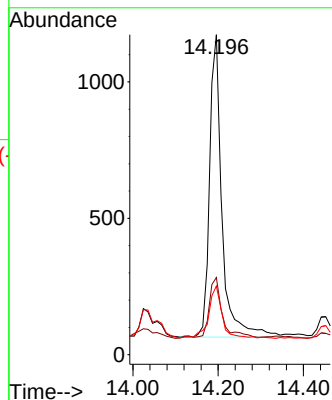
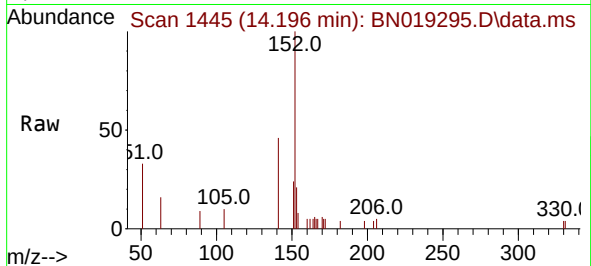




#16
Acenaphthylene
Concen: 0.065 ng
RT: 14.196 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BN019295.D
Acq: 01 Apr 2022 19:44

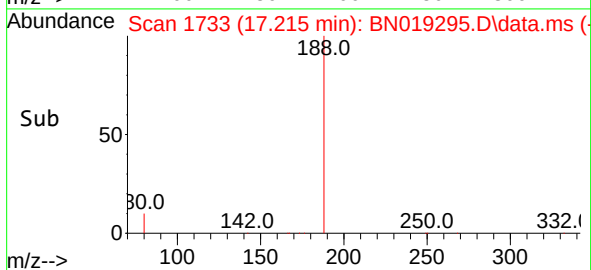
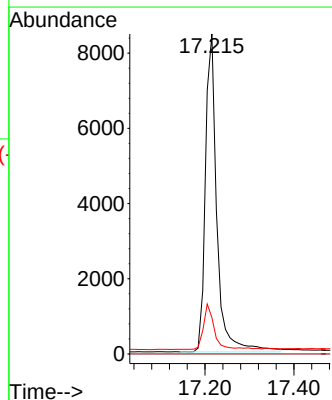
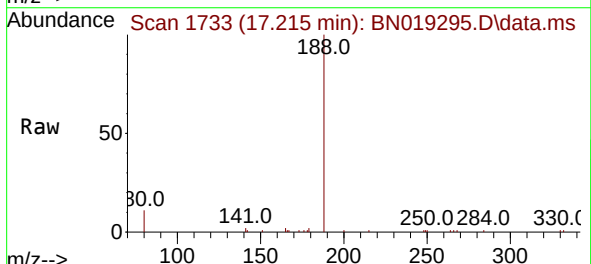
Instrument :
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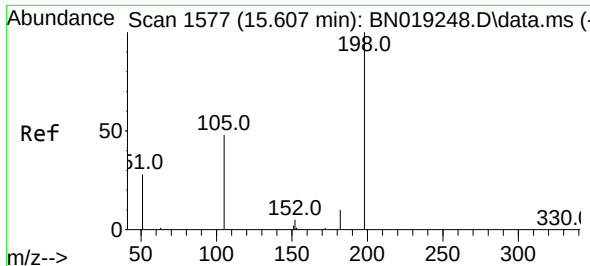
Tgt Ion:152 Resp: 2234
Ion Ratio Lower Upper
152 100
151 20.5 15.9 23.9
153 19.2 10.6 15.8#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.215 min Scan# 1733
Delta R.T. 0.000 min
Lab File: BN019295.D
Acq: 01 Apr 2022 19:44

Tgt Ion:188 Resp: 15154
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.4 11.8 17.8#

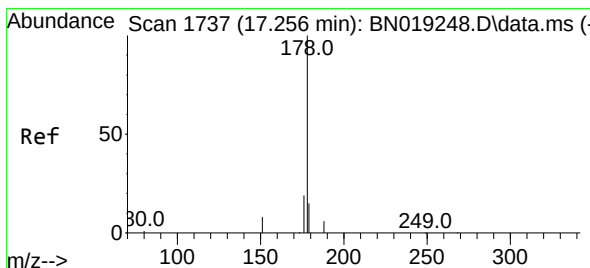
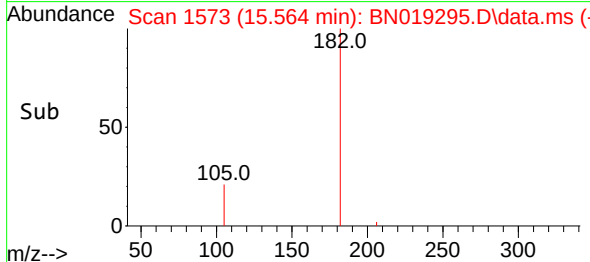
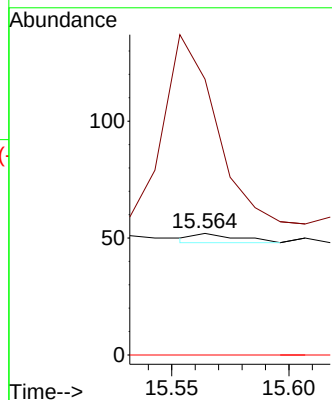
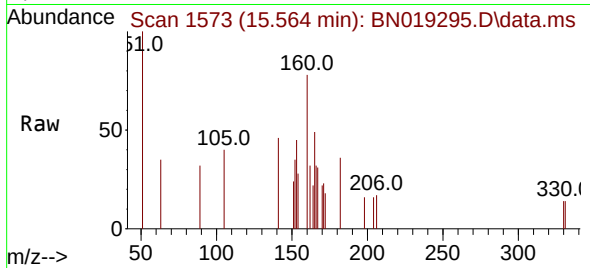




#20
4,6-Dinitro-2-methylphenol
Concen: 0.092 ng
RT: 15.564 min Scan# 11
Delta R.T. -0.043 min
Lab File: BN019295.D
Acq: 01 Apr 2022 19:44

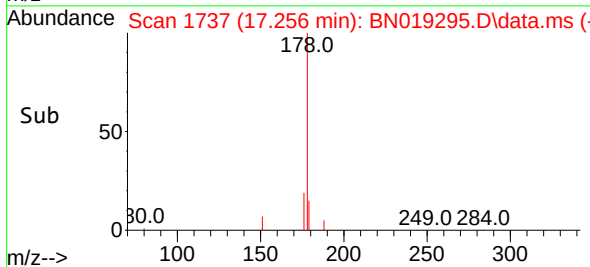
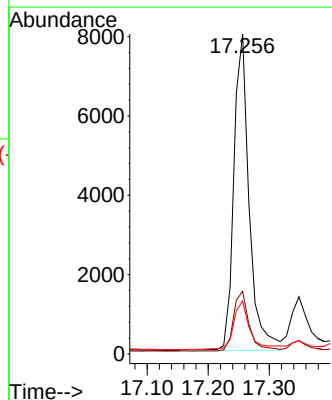
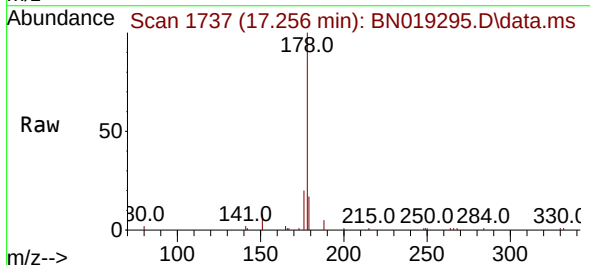
Instrument :
BNA_N
ClientSampleId :
A10095

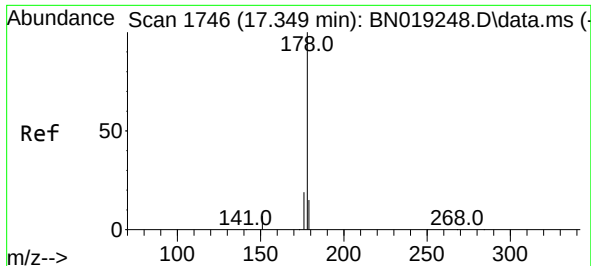
Tgt Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
182 226.9 13.0 19.4#
77 0.0 0.0 0.0



#25
Phenanthrene
Concen: 0.293 ng
RT: 17.256 min Scan# 1737
Delta R.T. -0.000 min
Lab File: BN019295.D
Acq: 01 Apr 2022 19:44

Tgt Ion:178 Resp: 13956
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 16.6 12.2 18.2

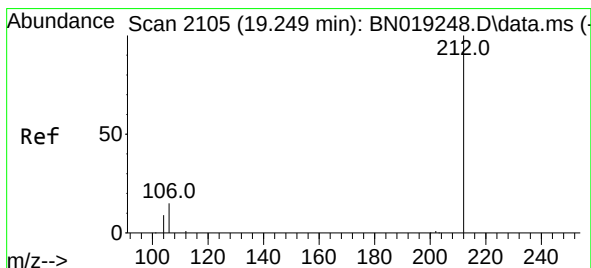
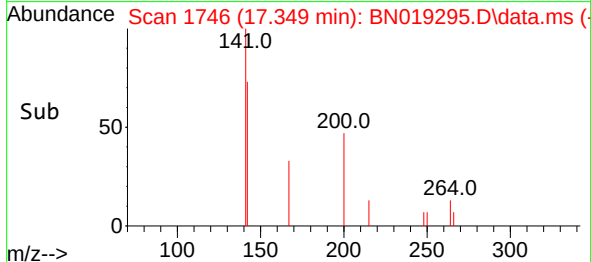
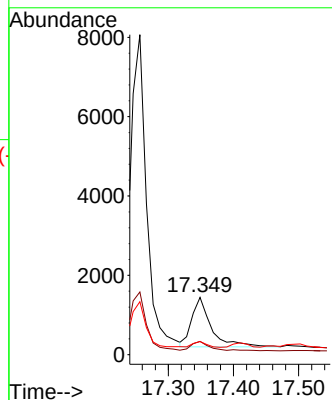
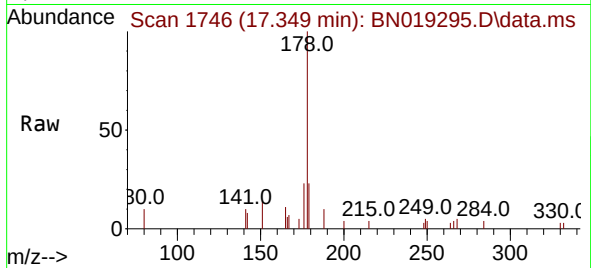




#26
 Anthracene
 Concen: 0.066 ng
 RT: 17.349 min Scan# 1746
 Delta R.T. -0.000 min
 Lab File: BN019295.D
 Acq: 01 Apr 2022 19:44

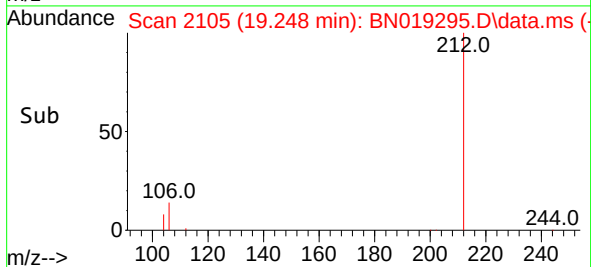
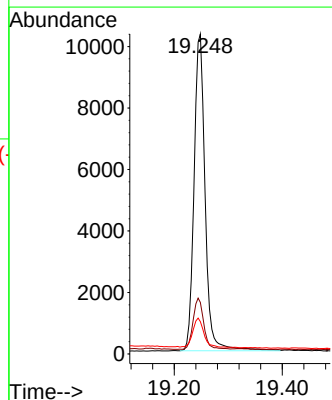
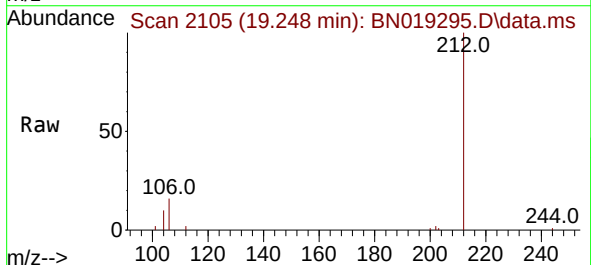
Instrument :
 BNA_N
 ClientSampleId :
 A10095

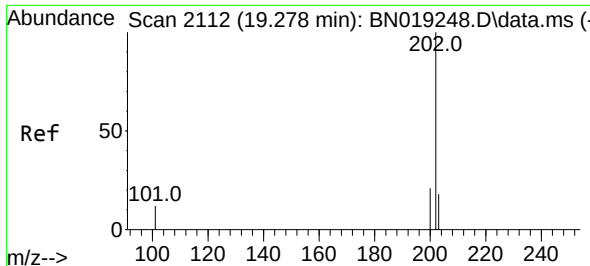
Tgt Ion:178 Resp: 2606
 Ion Ratio Lower Upper
 178 100
 176 18.5 14.8 22.2
 179 7.9 12.2 18.4#



#27
 Fluoranthene-d10
 Concen: 0.321 ng
 RT: 19.248 min Scan# 2105
 Delta R.T. -0.000 min
 Lab File: BN019295.D
 Acq: 01 Apr 2022 19:44

Tgt Ion:212 Resp: 14618
 Ion Ratio Lower Upper
 212 100
 106 15.7 12.7 19.1
 104 9.6 7.1 10.7

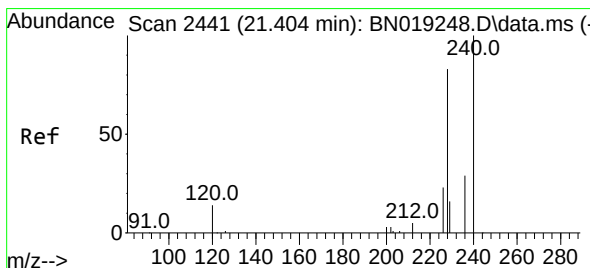
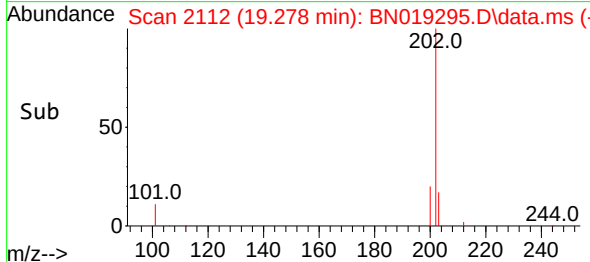
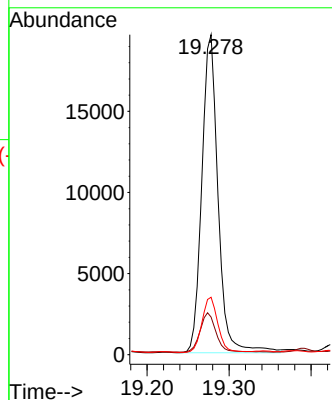
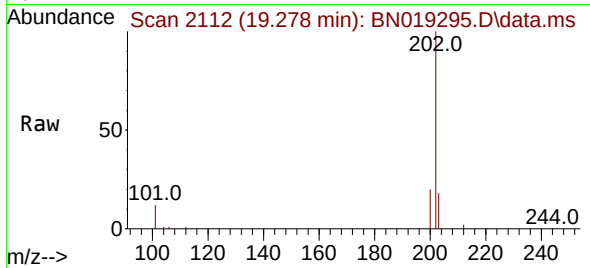




#28
Fluoranthene
Concen: 0.476 ng
RT: 19.278 min Scan# 2112
Delta R.T. -0.000 min
Lab File: BN019295.D
Acq: 01 Apr 2022 19:44

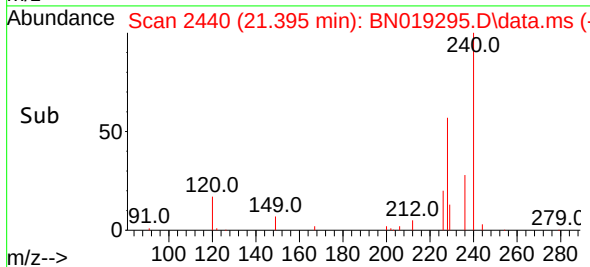
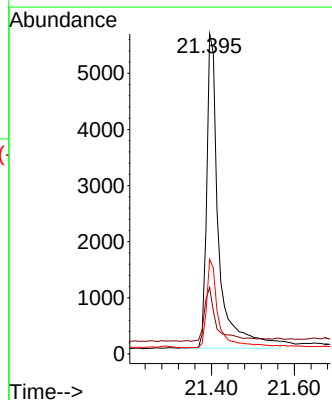
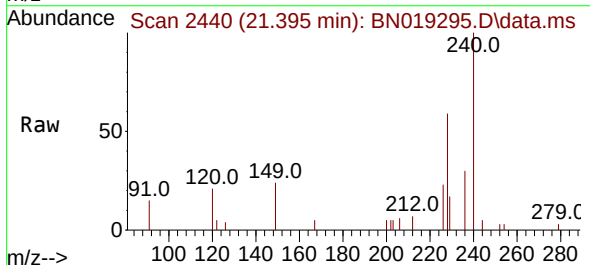
Instrument :
BNA_N
ClientSampleId :
A10095

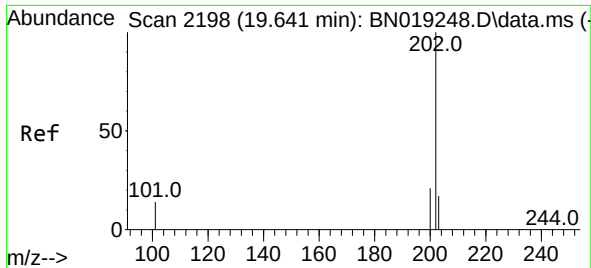
Tgt Ion:202 Resp: 27071
Ion Ratio Lower Upper
202 100
101 12.1 9.8 14.6
203 17.0 13.7 20.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.395 min Scan# 2440
Delta R.T. -0.009 min
Lab File: BN019295.D
Acq: 01 Apr 2022 19:44

Tgt Ion:240 Resp: 11380
Ion Ratio Lower Upper
240 100
120 20.8 8.5 12.7#
236 29.6 22.4 33.6

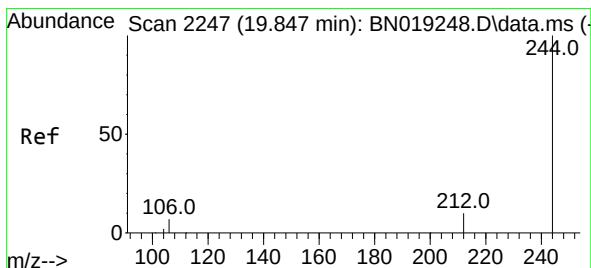
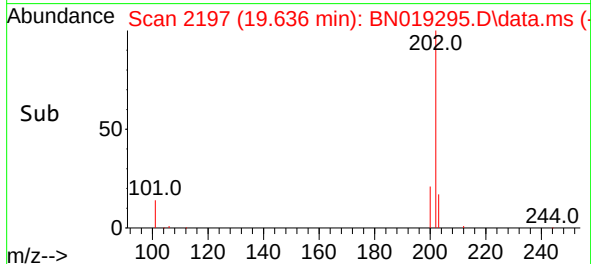
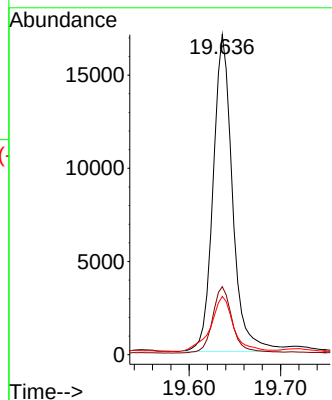
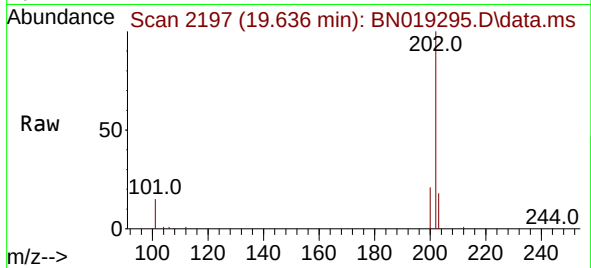




#30
Pyrene
Concen: 0.445 ng
RT: 19.636 min Scan# 2197
Delta R.T. -0.004 min
Lab File: BN019295.D
Acq: 01 Apr 2022 19:44

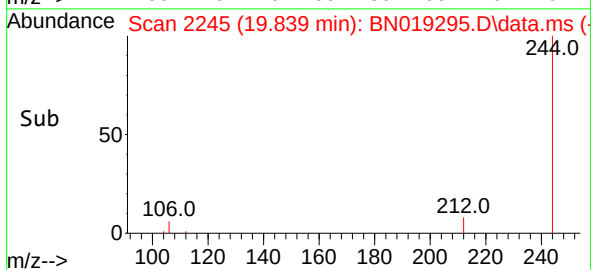
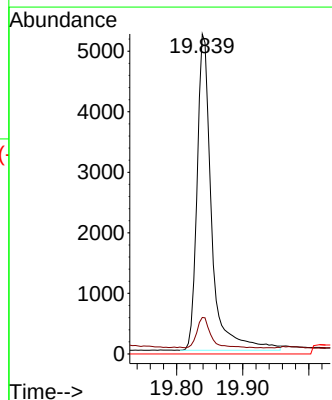
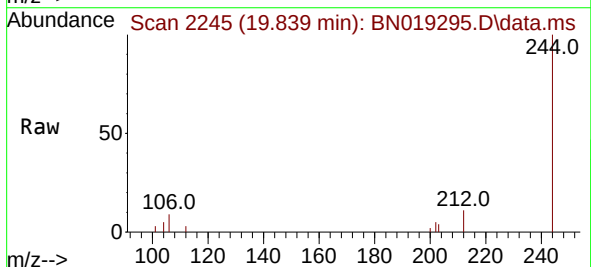
Instrument :
BNA_N
ClientSampleId :
A10095

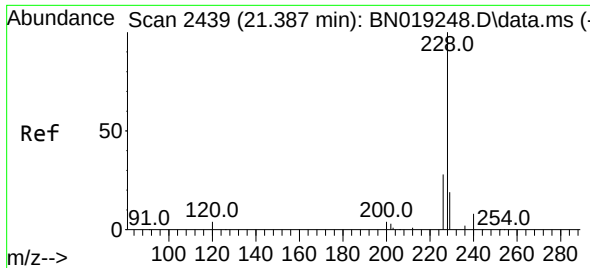
Tgt Ion:202 Resp: 25020
Ion Ratio Lower Upper
202 100
200 21.4 16.9 25.3
203 20.5 14.2 21.2



#31
Terphenyl-d14
Concen: 0.315 ng
RT: 19.839 min Scan# 2245
Delta R.T. -0.009 min
Lab File: BN019295.D
Acq: 01 Apr 2022 19:44

Tgt Ion:244 Resp: 7973
Ion Ratio Lower Upper
244 100
212 11.4 8.2 12.4
122 0.0 0.0 0.0

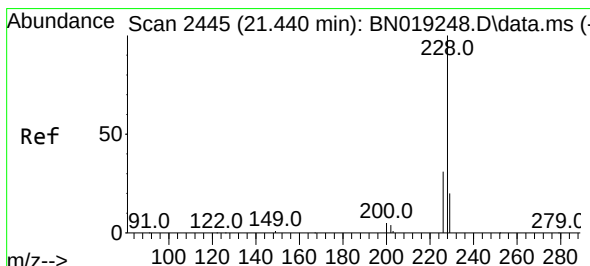
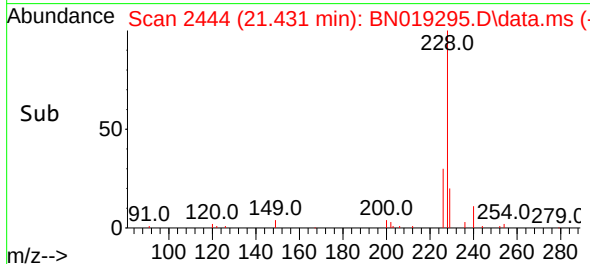
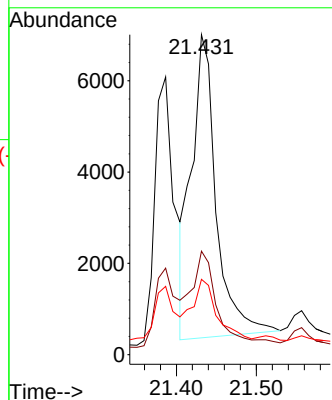
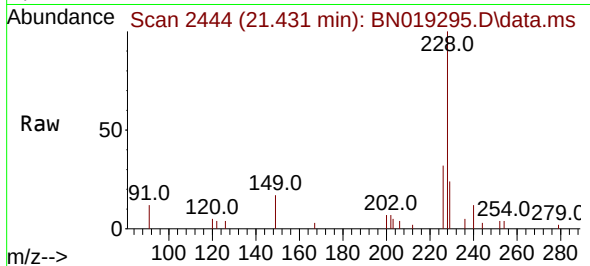




#32
Benzo(a)anthracene
Concen: 0.399 ng
RT: 21.431 min Scan# 2444
Delta R.T. 0.045 min
Lab File: BN019295.D
Acq: 01 Apr 2022 19:44

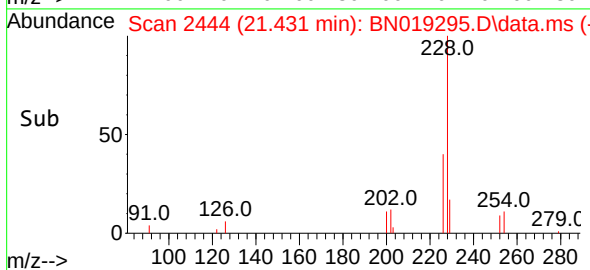
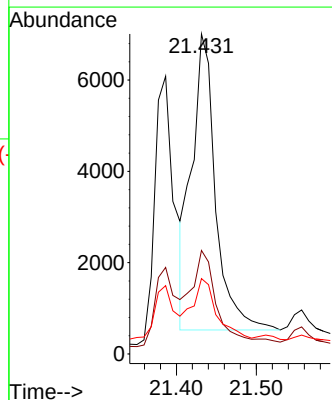
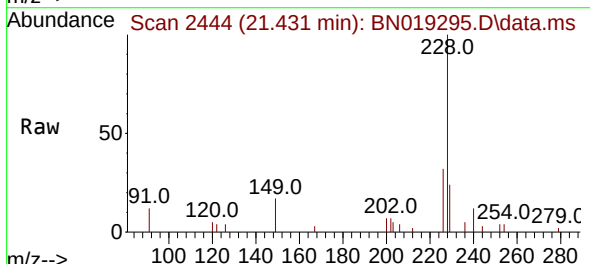
Instrument :
BNA_N
ClientSampleId :
A10095

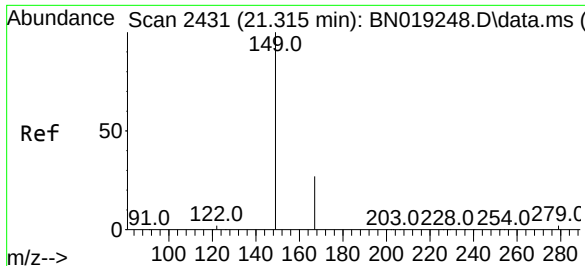
Tgt Ion:228	Resp:	14215
Ion Ratio	Lower	Upper
228	100	
226	32.4	21.9 32.9
229	23.6	16.0 24.0



#33
Chrysene
Concen: 0.295 ng
RT: 21.431 min Scan# 2444
Delta R.T. -0.009 min
Lab File: BN019295.D
Acq: 01 Apr 2022 19:44

Tgt Ion:228	Resp:	13459
Ion Ratio	Lower	Upper
228	100	
226	32.4	24.0 36.0
229	23.6	15.9 23.9

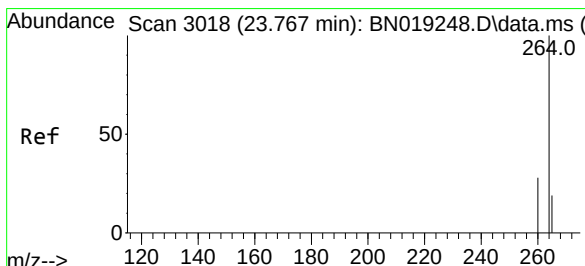
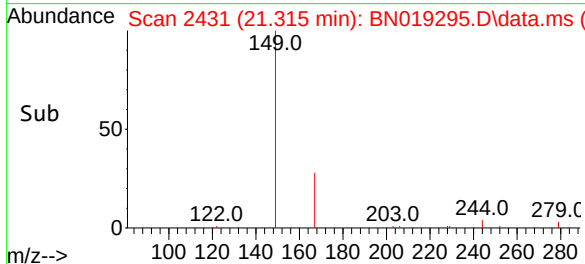
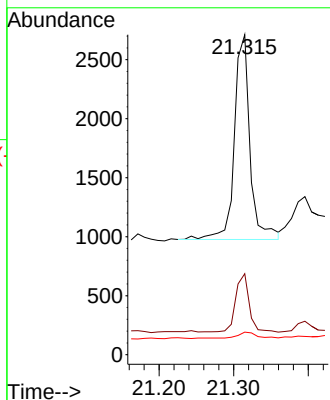
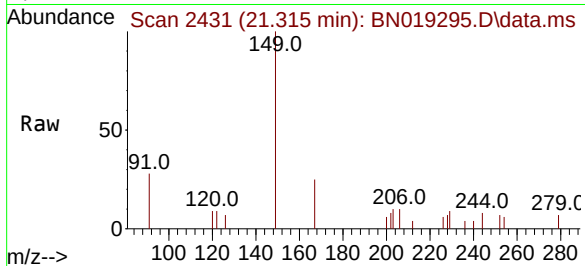




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.105 ng
RT: 21.315 min Scan# 2431
Delta R.T. -0.000 min
Lab File: BN019295.D
Acq: 01 Apr 2022 19:44

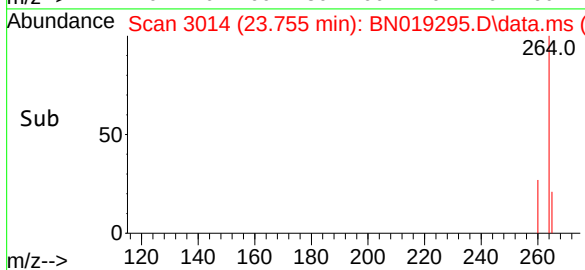
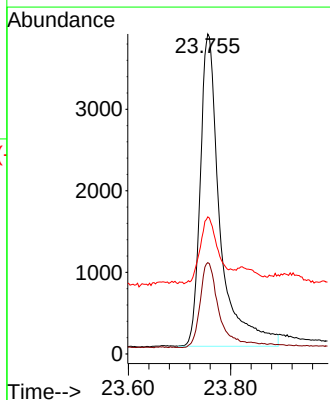
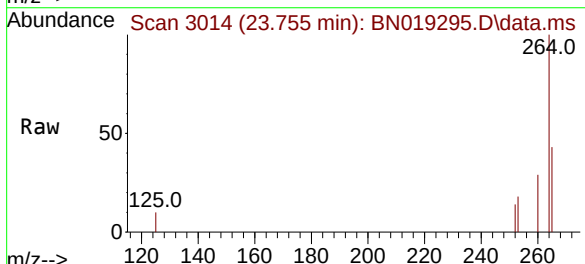
Instrument :
BNA_N
ClientSampleId :
A10095

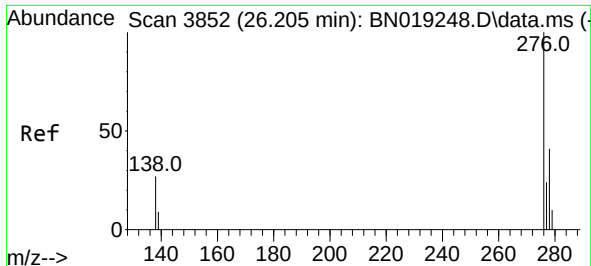
Tgt Ion:149 Resp: 2513
Ion Ratio Lower Upper
149 100
167 24.5 21.8 32.8
279 4.4 2.0 3.0#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.755 min Scan# 3014
Delta R.T. -0.012 min
Lab File: BN019295.D
Acq: 01 Apr 2022 19:44

Tgt Ion:264 Resp: 10303
Ion Ratio Lower Upper
264 100
260 28.5 22.4 33.6
265 42.8 25.3 37.9#

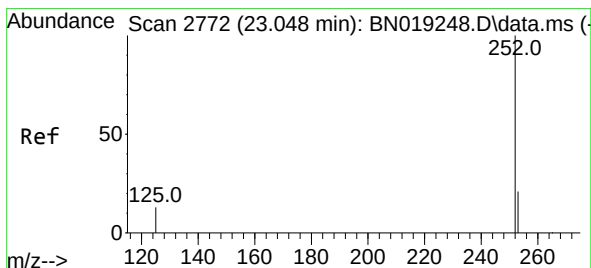
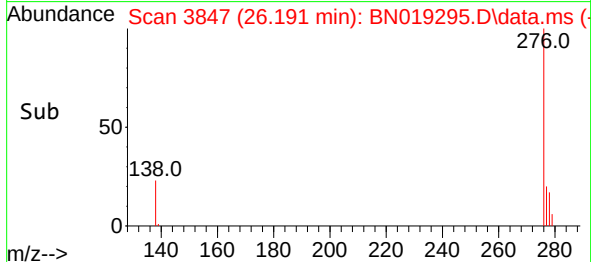
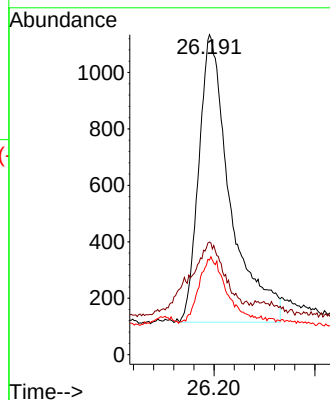
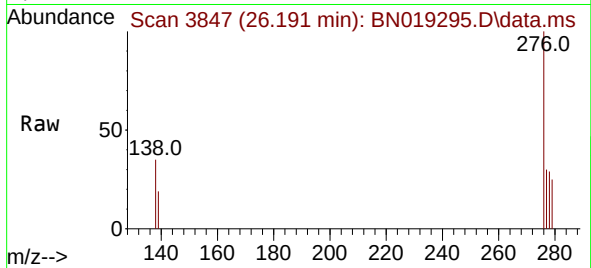




#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.104 ng
 RT: 26.191 min Scan# 3847
 Delta R.T. -0.015 min
 Lab File: BN019295.D
 Acq: 01 Apr 2022 19:44

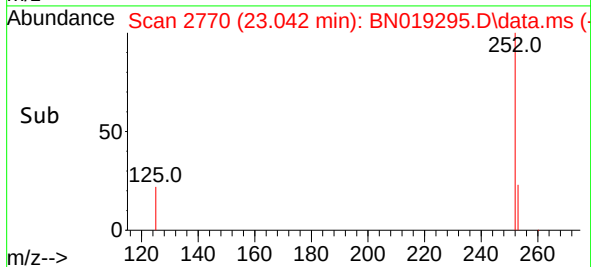
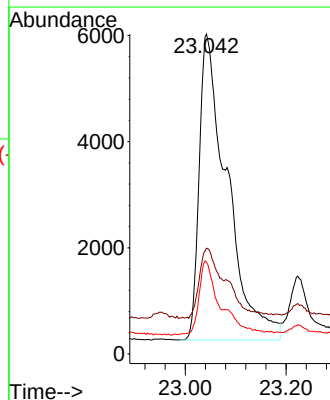
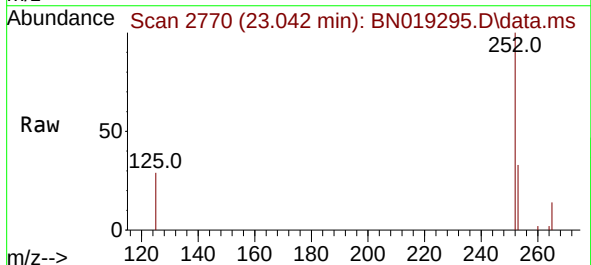
Instrument :
 BNA_N
 ClientSampleId :
 A10095

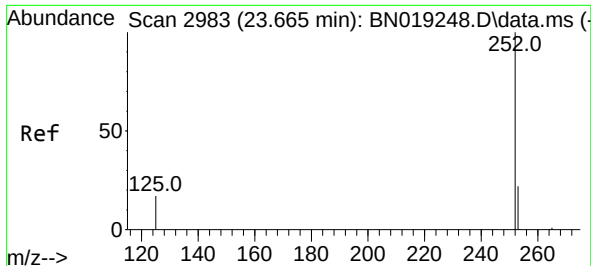
Tgt Ion:276 Resp: 4398
 Ion Ratio Lower Upper
 276 100
 138 16.5 24.5 36.7#
 277 20.5 19.8 29.8



#37
 Benzo(b)fluoranthene
 Concen: 0.578 ng
 RT: 23.042 min Scan# 2770
 Delta R.T. -0.006 min
 Lab File: BN019295.D
 Acq: 01 Apr 2022 19:44

Tgt Ion:252 Resp: 22125
 Ion Ratio Lower Upper
 252 100
 253 33.0 18.9 28.3#
 125 28.6 12.1 18.1#

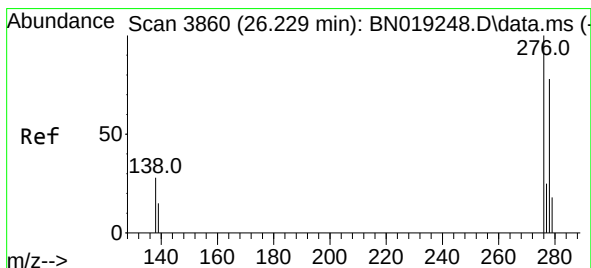
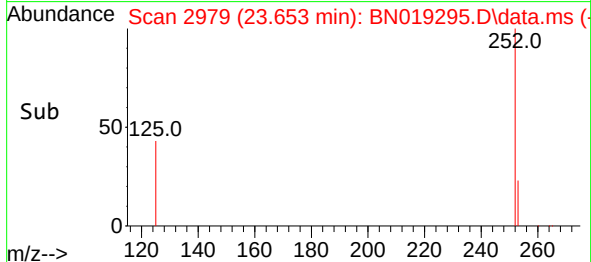
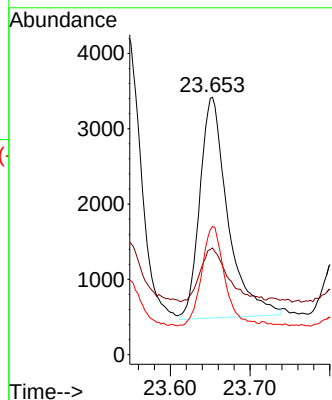
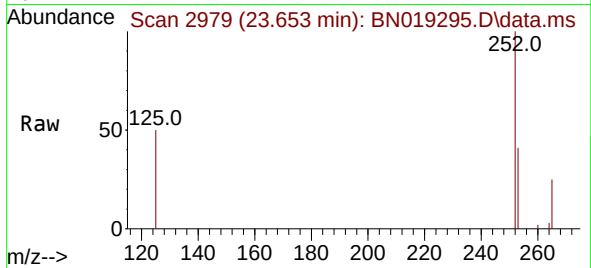




#39
Benzo(a)pyrene
Concen: 0.206 ng
RT: 23.653 min Scan# 2983
Delta R.T. -0.012 min
Lab File: BN019295.D
Acq: 01 Apr 2022 19:44

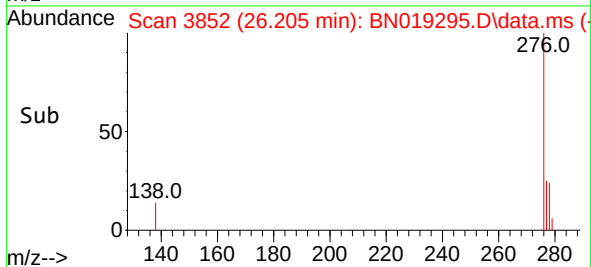
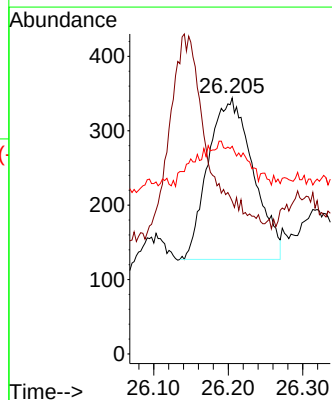
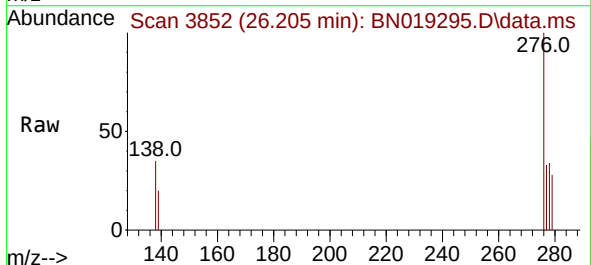
Instrument :
BNA_N
ClientSampleId :
A10095

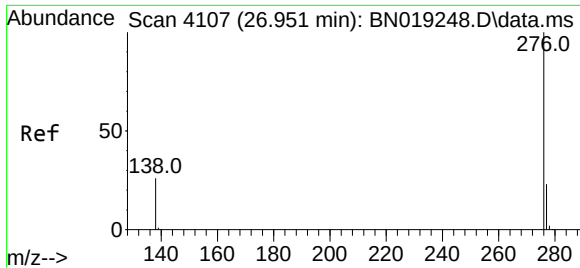
Tgt Ion:252 Resp: 7160
Ion Ratio Lower Upper
252 100
253 41.5 20.1 30.1#
125 49.8 15.2 22.8#



#40
Dibenzo(a,h)anthracene
Concen: 0.030 ng
RT: 26.205 min Scan# 3852
Delta R.T. -0.023 min
Lab File: BN019295.D
Acq: 01 Apr 2022 19:44

Tgt Ion:278 Resp: 911
Ion Ratio Lower Upper
278 100
139 59.6 17.2 25.8#
279 81.1 19.9 29.9#





#41

Benzo(g,h,i)perylene

Concen: 0.120 ng

RT: 26.936 min Scan# 41

Delta R.T. -0.015 min

Lab File: BN019295.D

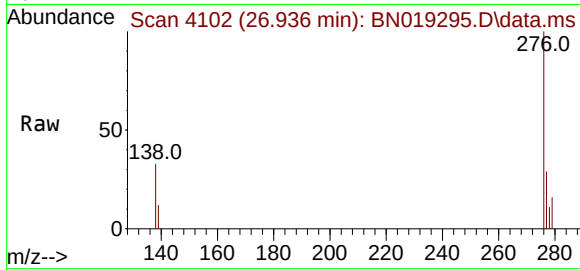
Acq: 01 Apr 2022 19:44

Instrument :

BNA_N

ClientSampleId :

A10095



Tgt Ion:276 Resp: 5134

Ion Ratio Lower Upper

276 100

277 28.7 19.4 29.0

138 33.3 21.0 31.6#

