

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120123\
 Data File : BN028994.D
 Acq On : 02 Dec 2023 21:46
 Operator : MA/JU
 Sample : 05404-14MSD
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D1-20231109MSD

Quant Time: Dec 03 08:16:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 01 23:11:55 2023
 Response via : Initial Calibration

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

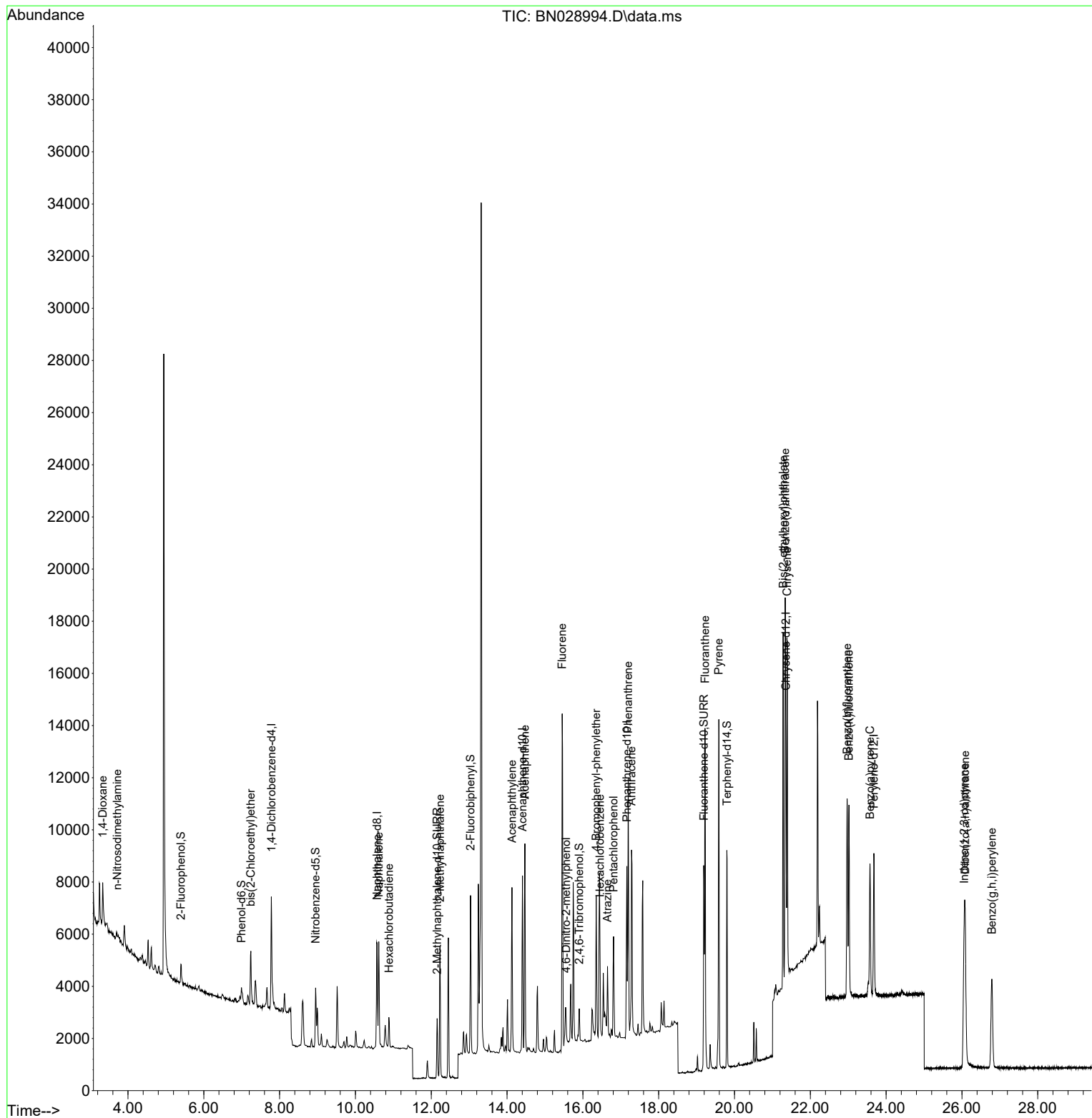
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.782	152	1993	0.400	ng	-0.01
7) Naphthalene-d8	10.573	136	5771	0.400	ng	#-0.01
13) Acenaphthene-d10	14.407	164	3630	0.400	ng	-0.01
19) Phenanthrene-d10	17.159	188	8619	0.400	ng	#-0.01
29) Chrysene-d12	21.356	240	7409	0.400	ng	#-0.02
35) Perylene-d12	23.678	264	7272	0.400	ng	#-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	591	0.098	ng	-0.01
5) Phenol-d6	6.995	99	462	0.069	ng	-0.01
8) Nitrobenzene-d5	8.950	82	1864	0.325	ng	-0.02
11) 2-Methylnaphthalene-d10	12.155	152	3354	0.362	ng	-0.02
14) 2,4,6-Tribromophenol	15.905	330	731	0.298	ng	-0.01
15) 2-Fluorobiphenyl	13.039	172	4962	0.317	ng	-0.01
27) Fluoranthene-d10	19.190	212	8931	0.394	ng	-0.02
31) Terphenyl-d14	19.799	244	8216	0.393	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.333	88	1229	0.630	ng	# 76
3) n-Nitrosodimethylamine	3.716	42	341	0.203	ng	# 82
6) bis(2-Chloroethyl)ether	7.241	93	1688	0.300	ng	95
9) Naphthalene	10.616	128	5112	0.279	ng	99
10) Hexachlorobutadiene	10.883	225	892	0.238	ng	# 99
12) 2-Methylnaphthalene	12.231	142	3395	0.295	ng	96
16) Acenaphthylene	14.129	152	6397	0.333	ng	99
17) Acenaphthene	14.471	154	3872	0.303	ng	99
18) Fluorene	15.455	166	5821	0.360	ng	98
20) 4,6-Dinitro-2-methylph...	15.558	198	466	0.246	ng	# 48
21) 4-Bromophenyl-phenylether	16.352	248	1816	0.306	ng	# 73
22) Hexachlorobenzene	16.451	284	2081	0.286	ng	94
23) Atrazine	16.650	200	1876	0.361	ng	98
24) Pentachlorophenol	16.811	266	1859	0.548	ng	97
25) Phenanthrene	17.196	178	9834	0.346	ng	96
26) Anthracene	17.283	178	8841	0.336	ng	100
28) Fluoranthene	19.223	202	11736	0.397	ng	# 96
30) Pyrene	19.585	202	12164	0.309	ng	99
32) Benzo(a)anthracene	21.338	228	10510	0.334	ng	94
33) Chrysene	21.392	228	10349	0.335	ng	94
34) Bis(2-ethylhexyl)phtha...	21.284	149	11589	0.149	ng	# 87
36) Indeno(1,2,3-cd)pyrene	26.055	276	10433	0.329	ng	# 81
37) Benzo(b)fluoranthene	22.971	252	10139	0.341	ng	# 32
38) Benzo(k)fluoranthene	23.018	252	9247	0.329	ng	# 32
39) Benzo(a)pyrene	23.573	252	7746	0.292	ng	# 28
40) Dibenzo(a,h)anthracene	26.087	278	8493	0.346	ng	# 30
41) Benzo(g,h,i)perylene	26.789	276	7597	0.275	ng	# 75

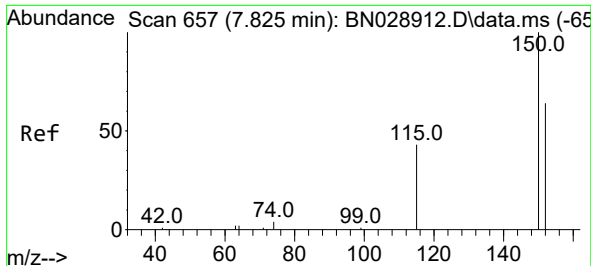
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120123\
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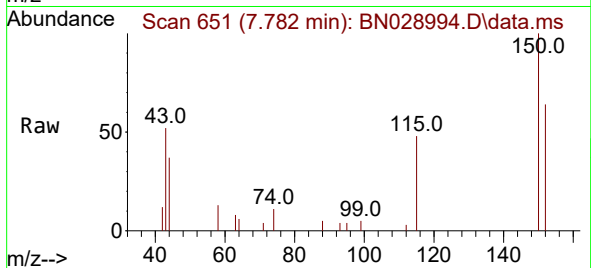
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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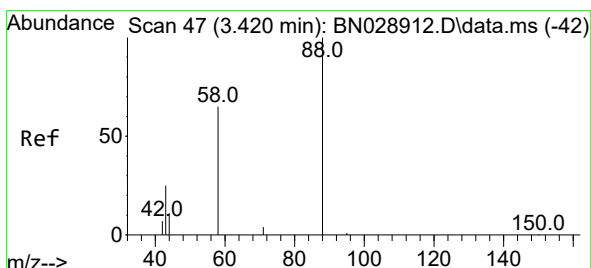
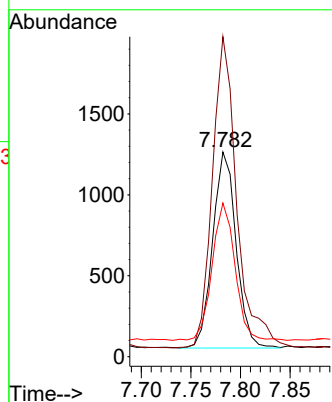
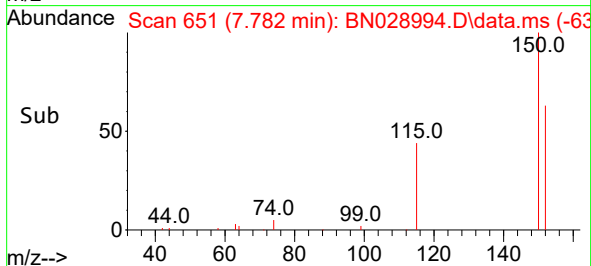


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.782 min Scan# 61
 Delta R.T. -0.015 min
 Lab File: BN028994.D
 Acq: 02 Dec 2023 21:46

Instrument :
 BNA_N
 ClientSampleId :
 RE134D1-20231109MSD

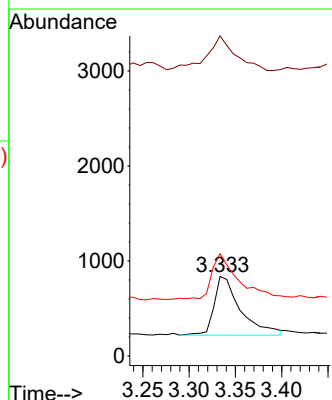
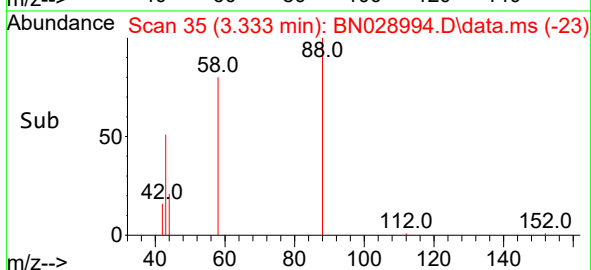
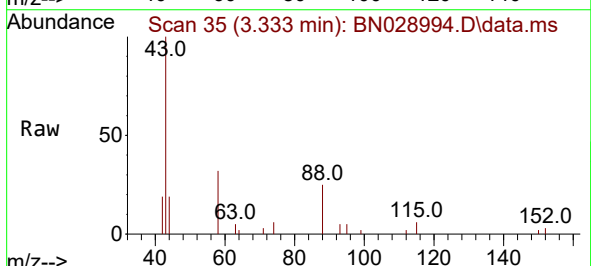


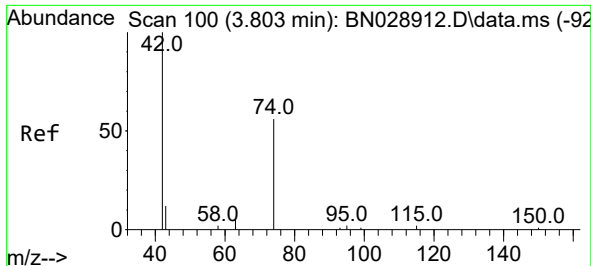
Tgt Ion:152 Resp: 1993
 Ion Ratio Lower Upper
 152 100
 150 156.4 123.4 185.2
 115 75.1 59.1 88.7



#2
 1,4-Dioxane
 Concen: 0.630 ng
 RT: 3.333 min Scan# 35
 Delta R.T. -0.015 min
 Lab File: BN028994.D
 Acq: 02 Dec 2023 21:46

Tgt Ion: 88 Resp: 1229
 Ion Ratio Lower Upper
 88 100
 43 63.8 29.9 44.9#
 58 79.9 55.0 82.4

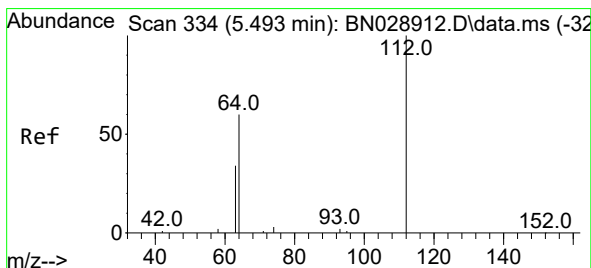
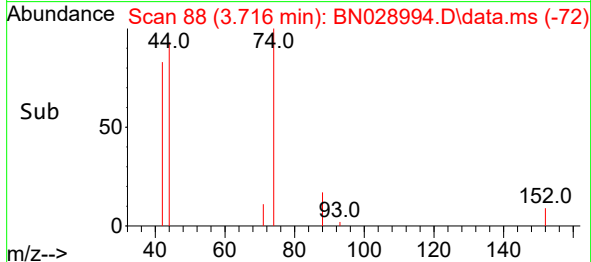
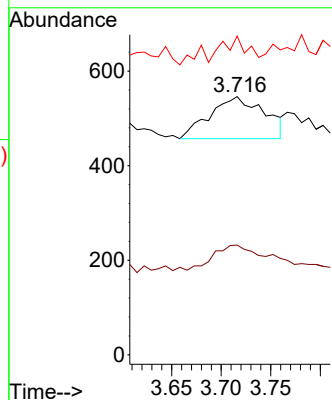
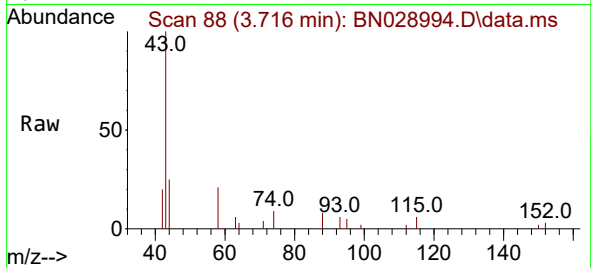




#3
n-Nitrosodimethylamine
Concen: 0.203 ng
RT: 3.716 min Scan# 81
Delta R.T. 0.014 min
Lab File: BN028994.D
Acq: 02 Dec 2023 21:46

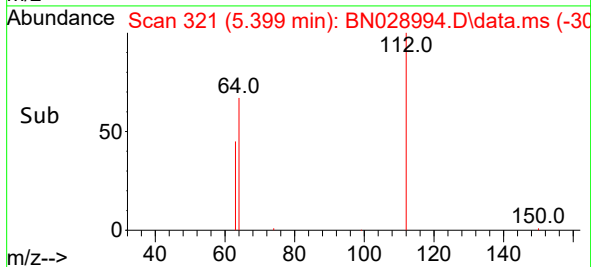
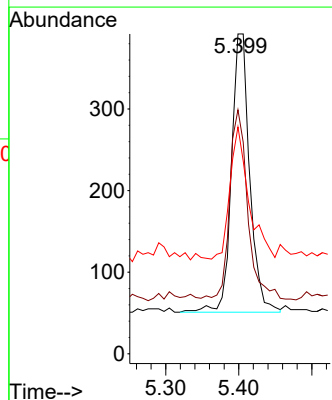
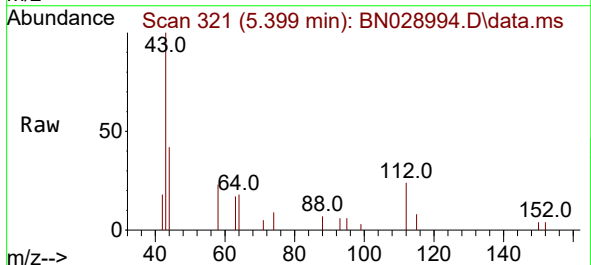
Instrument :
BNA_N
ClientSampleId :
RE134D1-20231109MSD

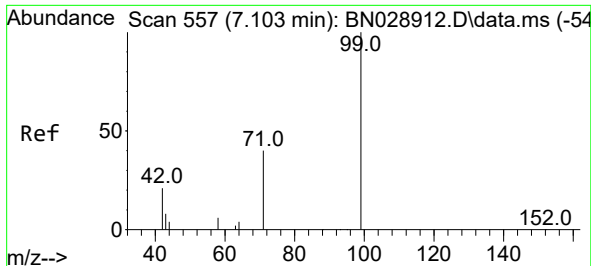
Tgt Ion: 42 Resp: 341
Ion Ratio Lower Upper
42 100
74 56.6 57.0 85.6#
44 12.3 0.0 0.0#



#4
2-Fluorophenol
Concen: 0.098 ng
RT: 5.399 min Scan# 321
Delta R.T. -0.015 min
Lab File: BN028994.D
Acq: 02 Dec 2023 21:46

Tgt Ion: 112 Resp: 591
Ion Ratio Lower Upper
112 100
64 68.2 51.5 77.3
63 48.7 30.4 45.6#

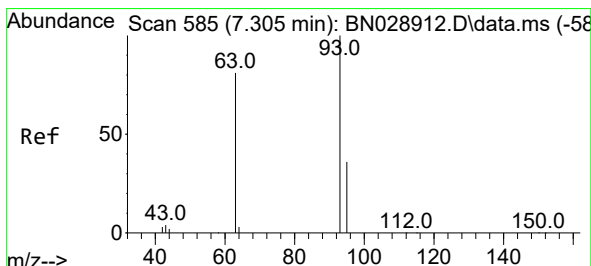
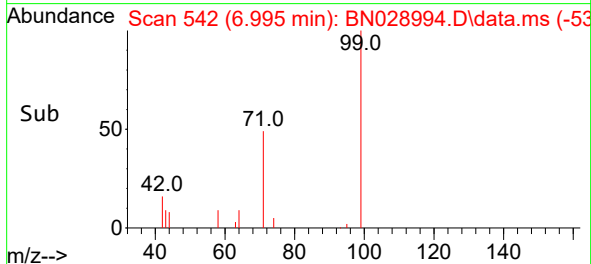
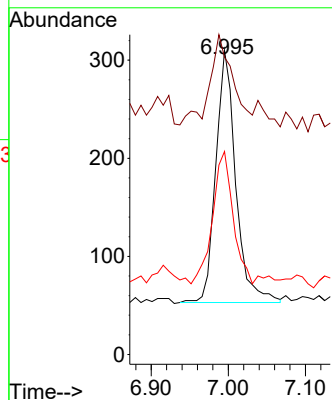
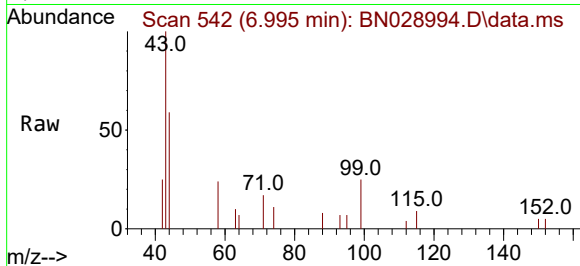




#5
Phenol-d6
Concen: 0.069 ng
RT: 6.995 min Scan# 54
Delta R.T. -0.015 min
Lab File: BN028994.D
Acq: 02 Dec 2023 21:46

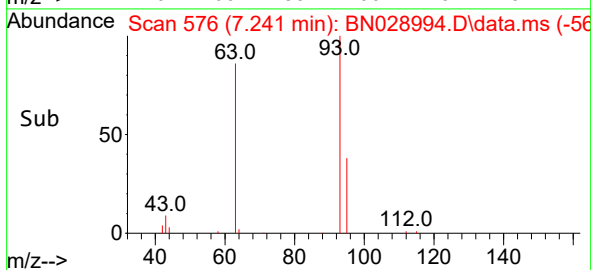
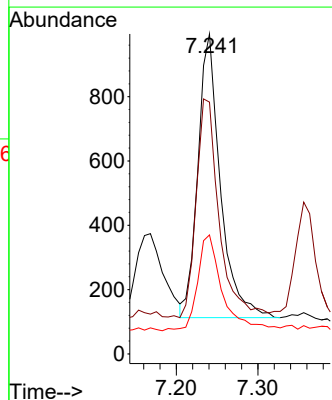
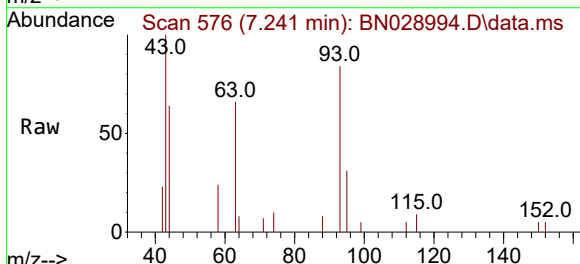
Instrument :
BNA_N
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RE134D1-20231109MSD

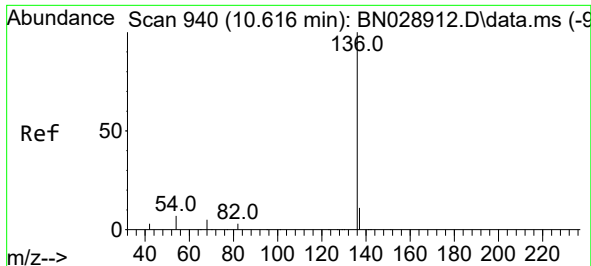
Tgt Ion: 99 Resp: 462
Ion Ratio Lower Upper
99 100
42 41.1 21.2 31.8#
71 53.7 35.4 53.0#



#6
bis(2-Chloroethyl)ether
Concen: 0.300 ng
RT: 7.241 min Scan# 576
Delta R.T. -0.007 min
Lab File: BN028994.D
Acq: 02 Dec 2023 21:46

Tgt Ion: 93 Resp: 1688
Ion Ratio Lower Upper
93 100
63 78.0 66.9 100.3
95 37.4 28.2 42.4

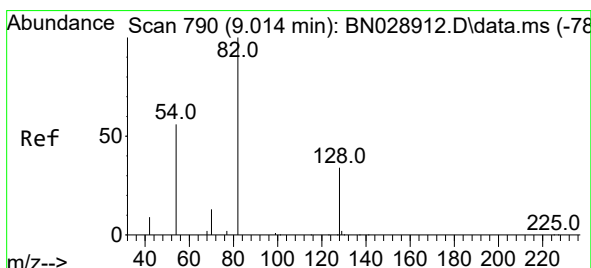
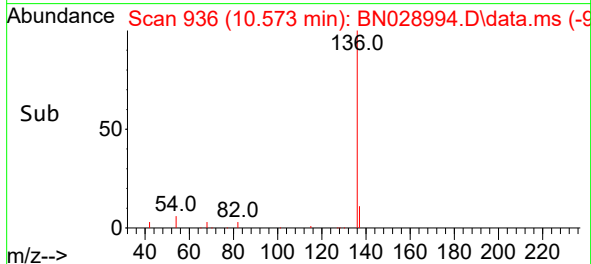
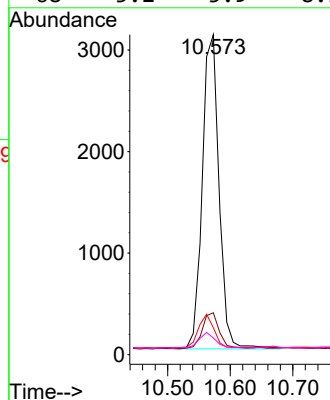
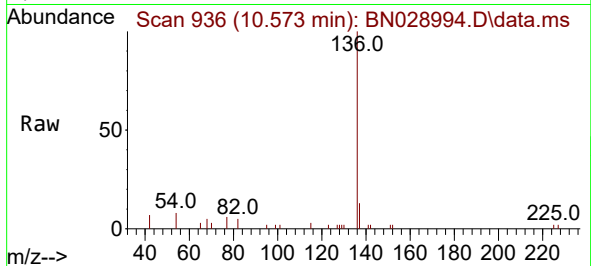




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN028994.D
Acq: 02 Dec 2023 21:46

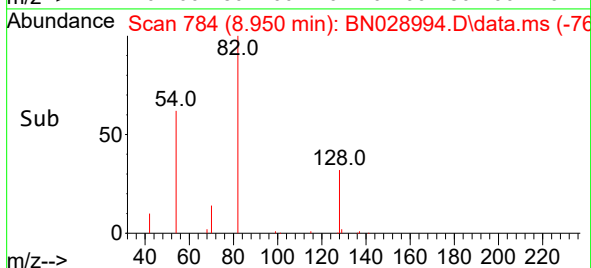
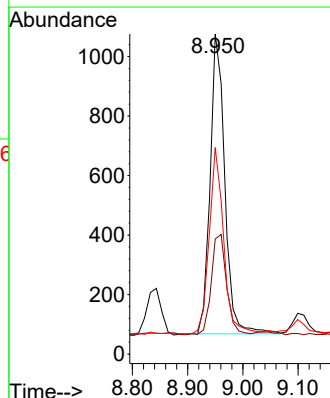
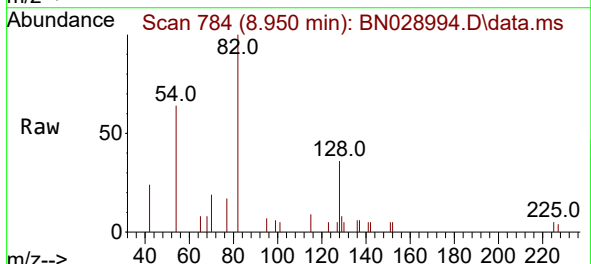
Instrument :
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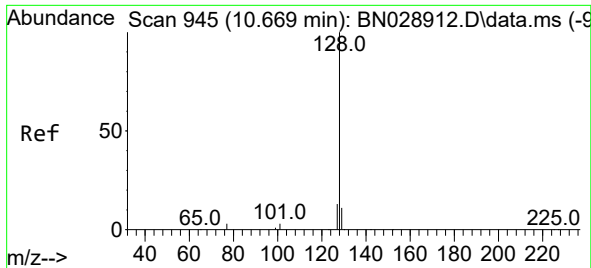
Tgt Ion:	136	Resp:	5771
Ion	Ratio	Lower	Upper
136	100		
137	13.1	10.6	16.0
54	8.4	7.5	11.3
68	5.2	5.9	8.9



#8
Nitrobenzene-d5
Concen: 0.325 ng
RT: 8.950 min Scan# 784
Delta R.T. -0.021 min
Lab File: BN028994.D
Acq: 02 Dec 2023 21:46

Tgt Ion:	82	Resp:	1864
Ion	Ratio	Lower	Upper
82	100		
128	36.0	29.2	43.8
54	64.5	47.0	70.6

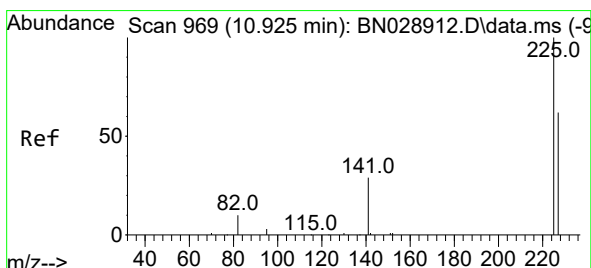
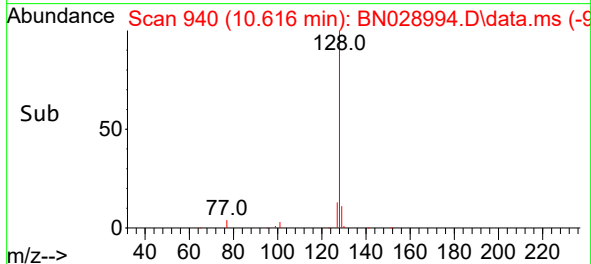
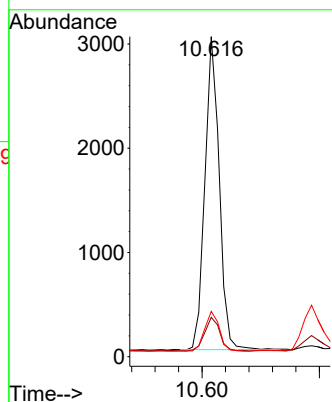
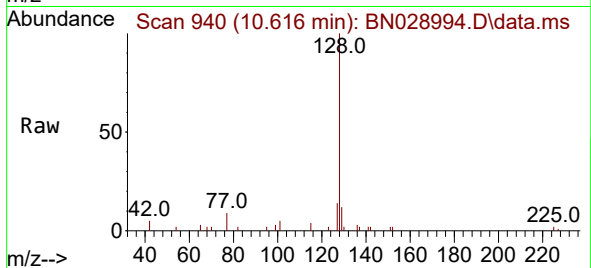




#9
Naphthalene
Concen: 0.279 ng
RT: 10.616 min Scan# 94
Delta R.T. -0.021 min
Lab File: BN028994.D
Acq: 02 Dec 2023 21:46

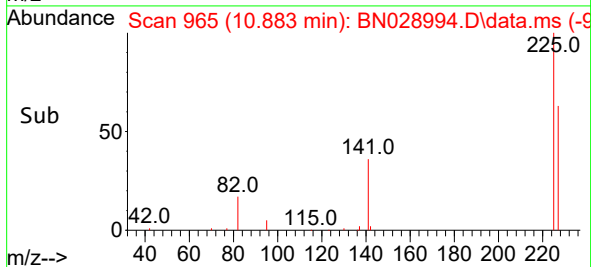
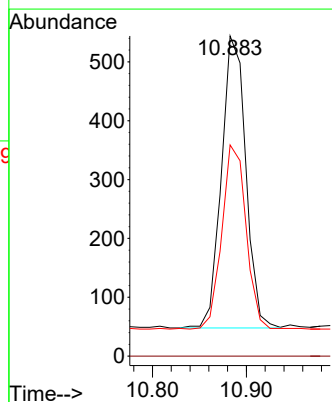
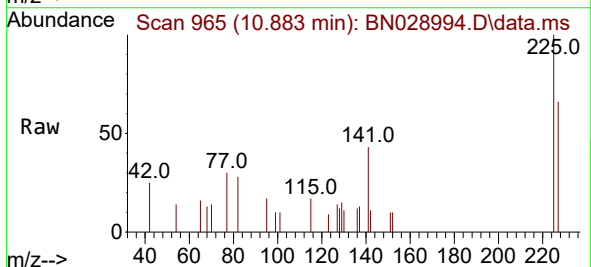
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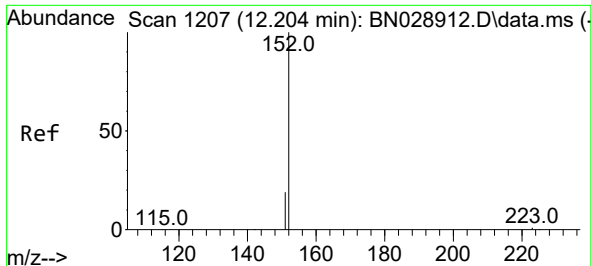
Tgt Ion:128 Resp: 5112
Ion Ratio Lower Upper
128 100
129 12.3 9.5 14.3
127 14.2 11.0 16.4



#10
Hexachlorobutadiene
Concen: 0.238 ng
RT: 10.883 min Scan# 965
Delta R.T. -0.021 min
Lab File: BN028994.D
Acq: 02 Dec 2023 21:46

Tgt Ion:225 Resp: 892
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 62.7 50.6 76.0

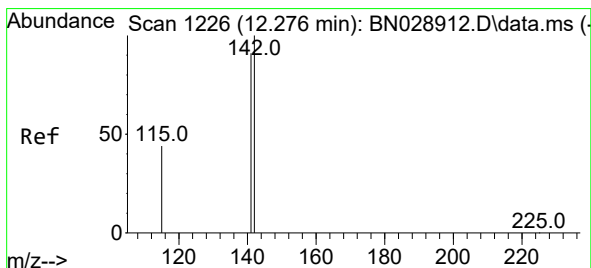
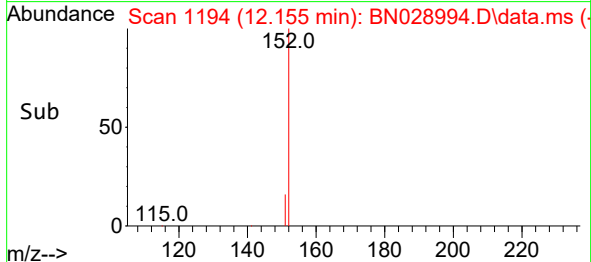
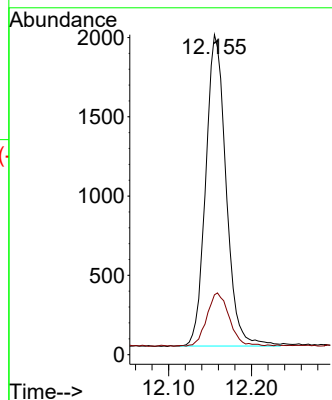
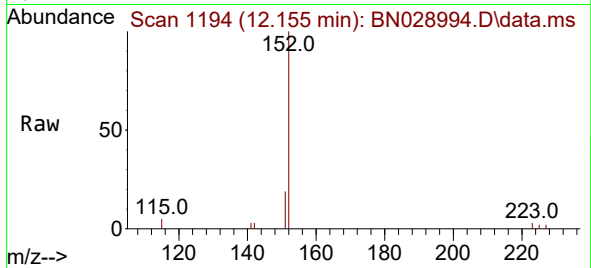




#11
2-Methylnaphthalene-d10
Concen: 0.362 ng
RT: 12.155 min Scan# 1114
Delta R.T. -0.015 min
Lab File: BN028994.D
Acq: 02 Dec 2023 21:46

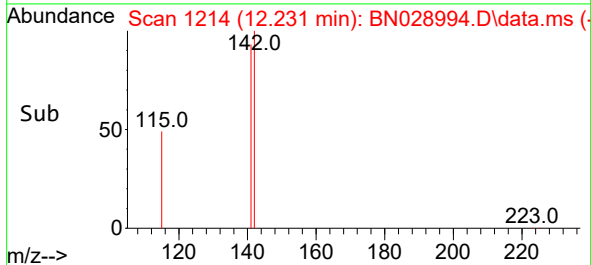
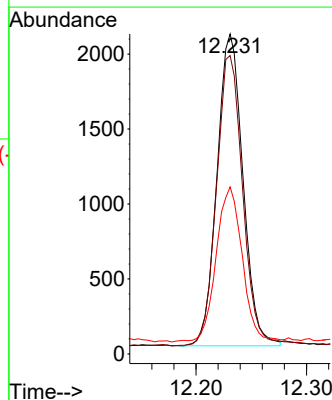
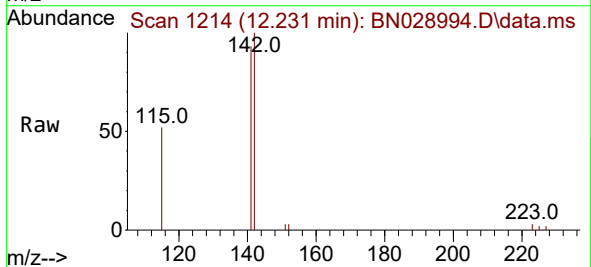
Instrument :
BNA_N
ClientSampleId :
RE134D1-20231109MSD

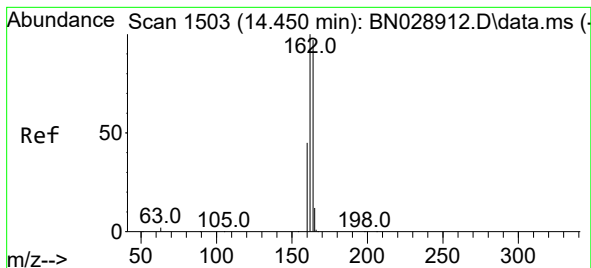
Tgt Ion:152 Resp: 3354
Ion Ratio Lower Upper
152 100
151 18.7 16.7 25.1



#12
2-Methylnaphthalene
Concen: 0.295 ng
RT: 12.231 min Scan# 1214
Delta R.T. -0.015 min
Lab File: BN028994.D
Acq: 02 Dec 2023 21:46

Tgt Ion:142 Resp: 3395
Ion Ratio Lower Upper
142 100
141 93.3 73.1 109.7
115 52.2 37.6 56.4





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.407 min Scan# 14

Delta R.T. -0.011 min

Lab File: BN028994.D

Acq: 02 Dec 2023 21:46

Instrument :

BNA_N

ClientSampleId :

RE134D1-20231109MSD

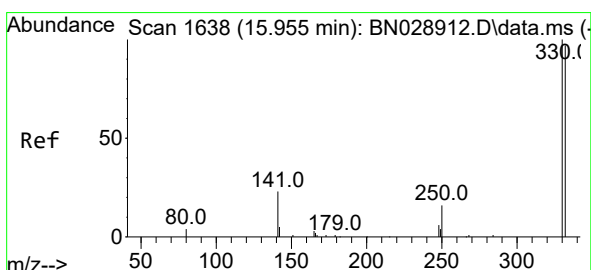
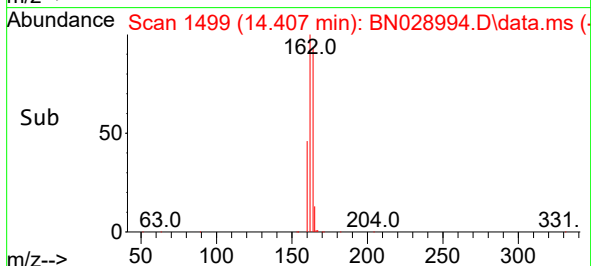
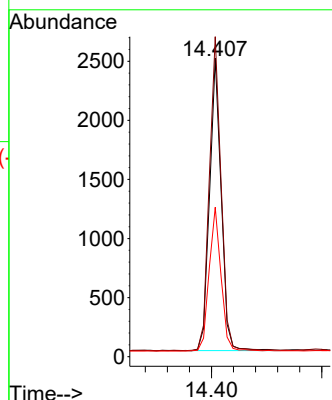
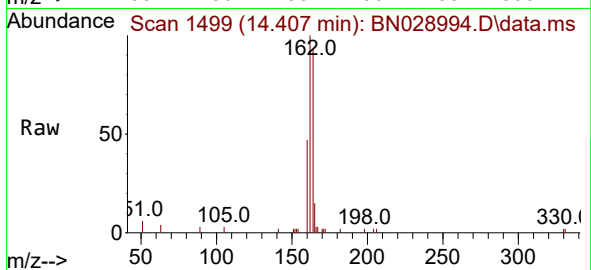
Tgt Ion:164 Resp: 3630

Ion Ratio Lower Upper

164 100

162 107.2 81.7 122.5

160 50.1 37.0 55.6



#14

2,4,6-Tribromophenol

Concen: 0.298 ng

RT: 15.905 min Scan# 1634

Delta R.T. -0.013 min

Lab File: BN028994.D

Acq: 02 Dec 2023 21:46

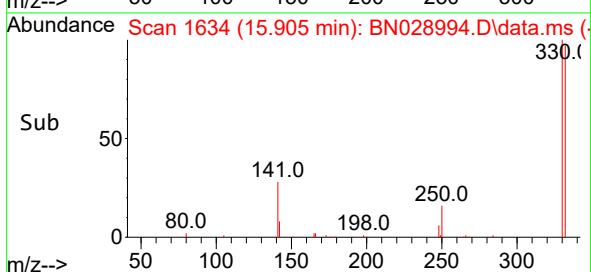
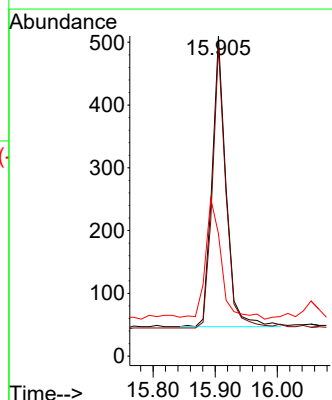
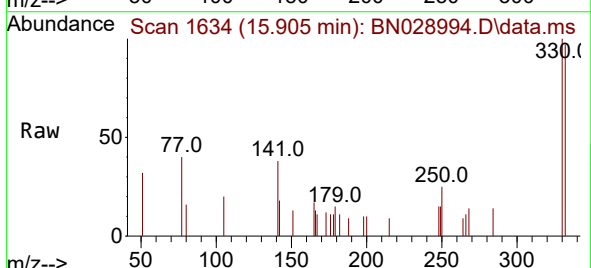
Tgt Ion:330 Resp: 731

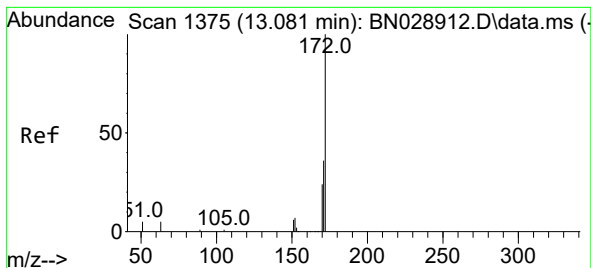
Ion Ratio Lower Upper

330 100

332 93.6 75.4 113.2

141 46.5 35.7 53.5

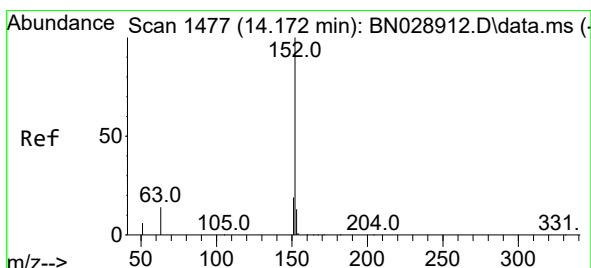
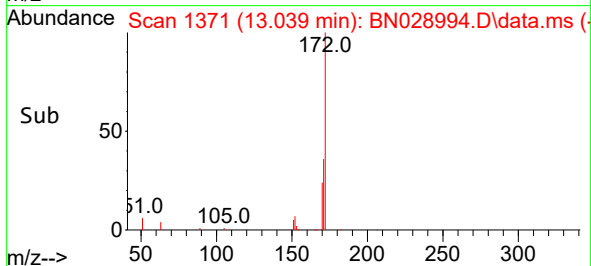
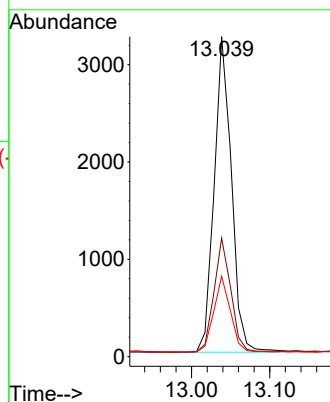
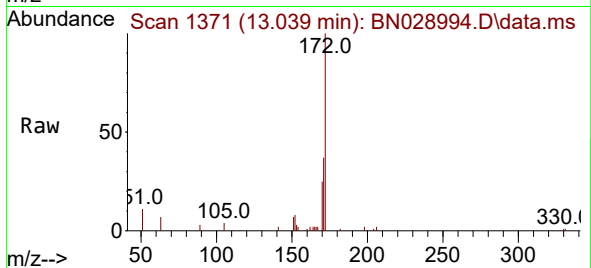




#15
2-Fluorobiphenyl
Concen: 0.317 ng
RT: 13.039 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN028994.D
Acq: 02 Dec 2023 21:46

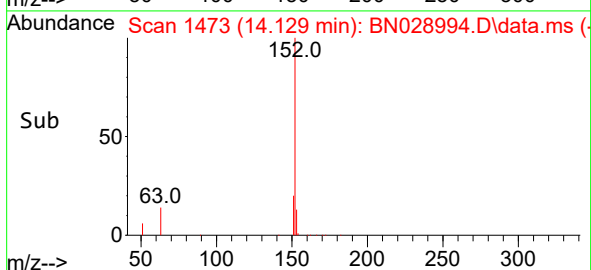
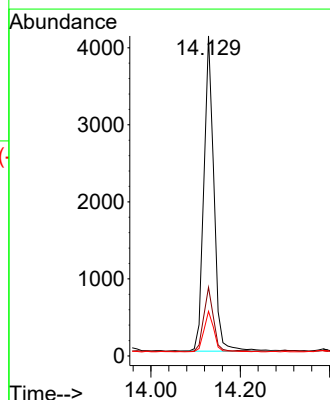
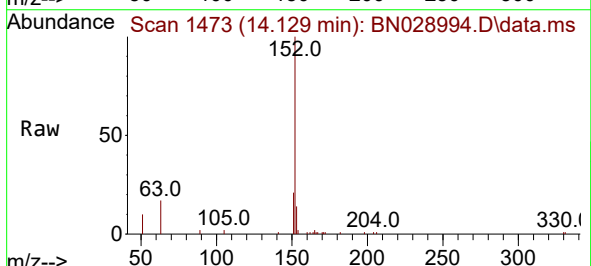
Instrument :
BNA_N
ClientSampleId :
RE134D1-20231109MSD

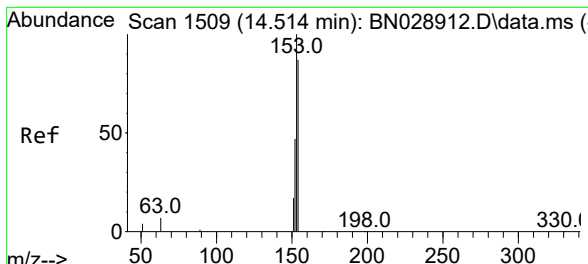
Tgt Ion:	172	Resp:	4962
Ion Ratio	Lower	Upper	
172	100		
171	37.0	29.0	43.4
170	25.2	19.7	29.5



#16
Acenaphthylene
Concen: 0.333 ng
RT: 14.129 min Scan# 1473
Delta R.T. -0.011 min
Lab File: BN028994.D
Acq: 02 Dec 2023 21:46

Tgt Ion:	152	Resp:	6397
Ion Ratio	Lower	Upper	
152	100		
151	19.9	15.9	23.9
153	13.0	10.8	16.2

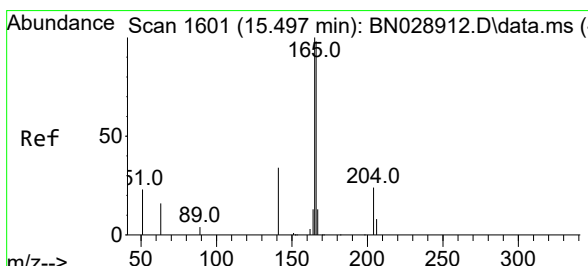
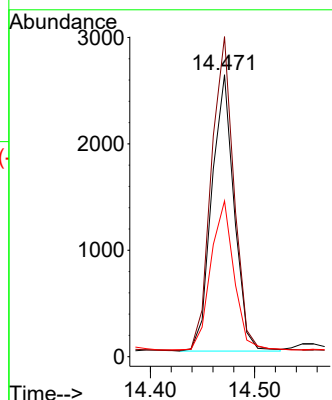
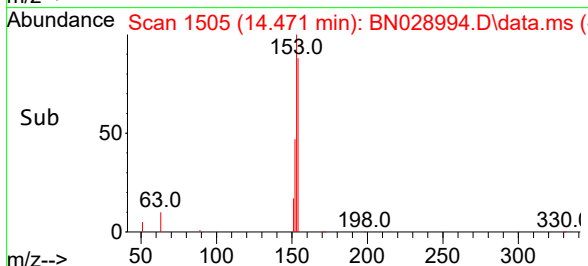
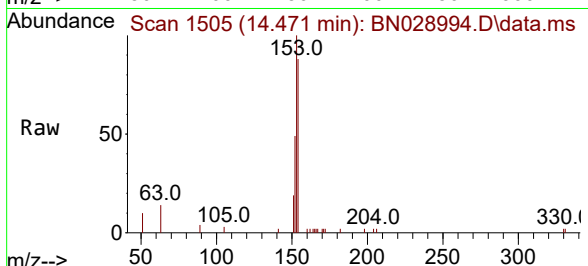




#17
 Acenaphthene
 Concen: 0.303 ng
 RT: 14.471 min Scan# 1505
 Delta R.T. -0.011 min
 Lab File: BN028994.D
 Acq: 02 Dec 2023 21:46

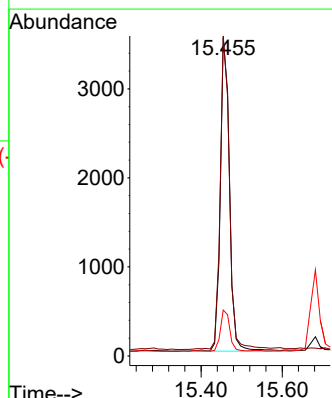
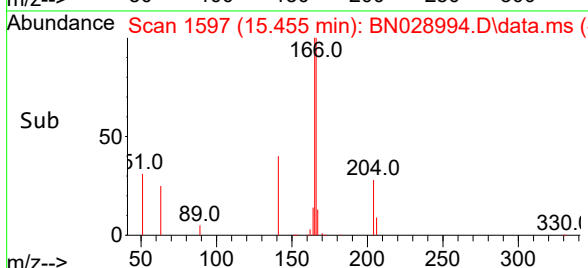
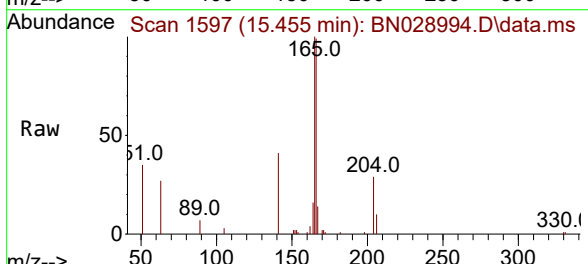
Instrument :
 BNA_N
 ClientSampleId :
 RE134D1-20231109MSD

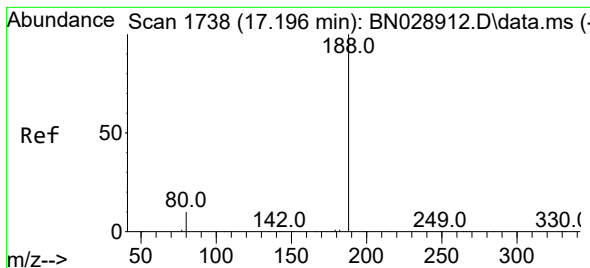
Tgt Ion:	154	Resp:	3872
Ion	Ratio	Lower	Upper
154	100		
153	115.5	93.8	140.6
152	55.7	44.5	66.7



#18
 Fluorene
 Concen: 0.360 ng
 RT: 15.455 min Scan# 1597
 Delta R.T. -0.021 min
 Lab File: BN028994.D
 Acq: 02 Dec 2023 21:46

Tgt Ion:	166	Resp:	5821
Ion	Ratio	Lower	Upper
166	100		
165	101.3	79.4	119.2
167	12.7	11.0	16.4





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.159 min Scan# 1

Delta R.T. -0.012 min

Lab File: BN028994.D

Acq: 02 Dec 2023 21:46

Instrument :

BNA_N

ClientSampleId :

RE134D1-20231109MSD

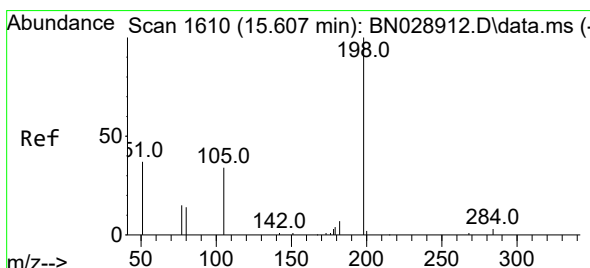
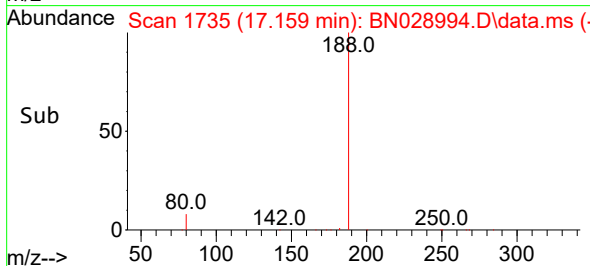
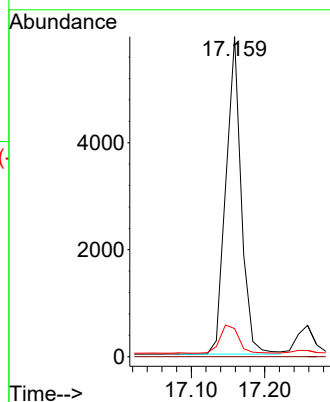
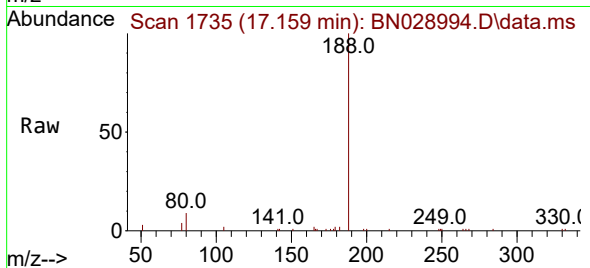
Tgt Ion:188 Resp: 8619

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.8 9.0 13.6#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.246 ng

RT: 15.558 min Scan# 1606

Delta R.T. -0.013 min

Lab File: BN028994.D

Acq: 02 Dec 2023 21:46

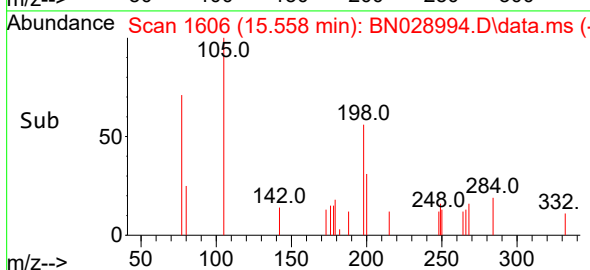
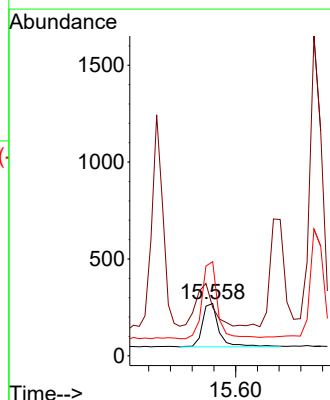
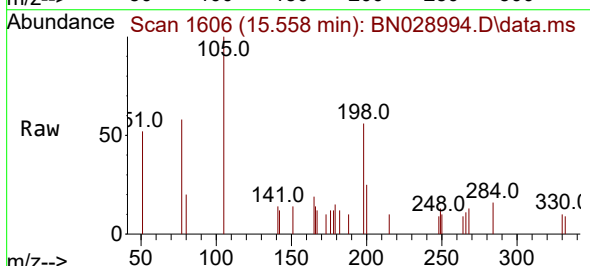
Tgt Ion:198 Resp: 466

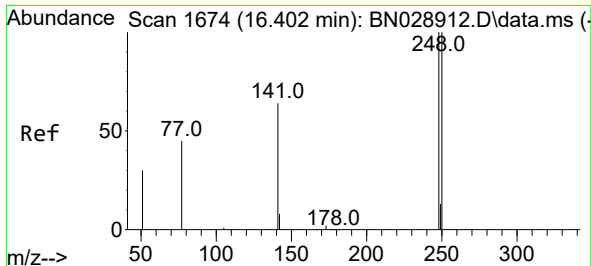
Ion Ratio Lower Upper

198 100

51 93.0 76.2 114.4

105 180.0 64.9 97.3#

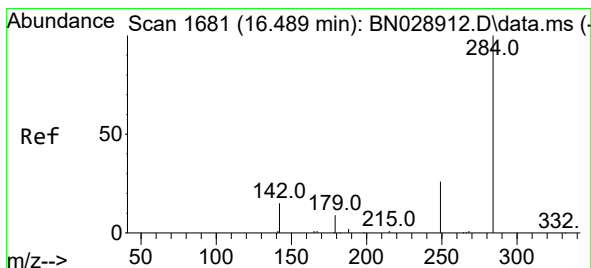
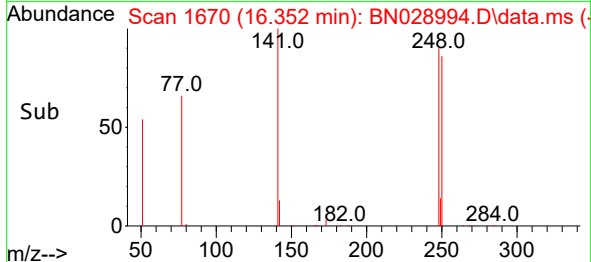
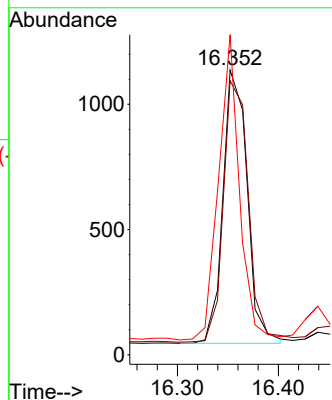
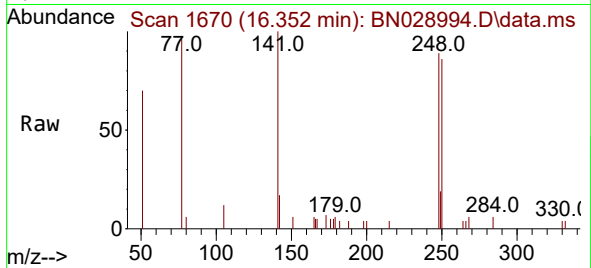




#21
4-Bromophenyl-phenylether
Concen: 0.306 ng
RT: 16.352 min Scan# 1670
Delta R.T. -0.012 min
Lab File: BN028994.D
Acq: 02 Dec 2023 21:46

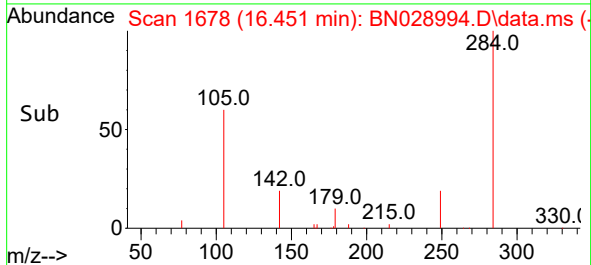
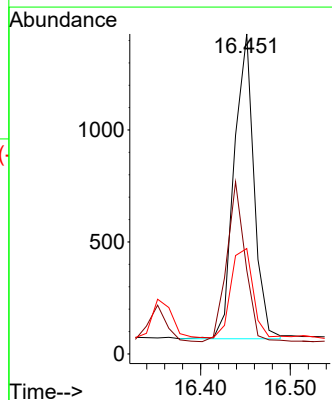
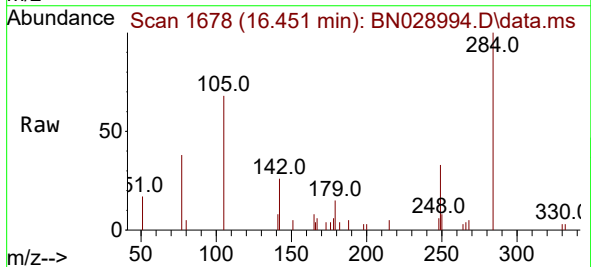
Instrument :
BNA_N
ClientSampleId :
RE134D1-20231109MSD

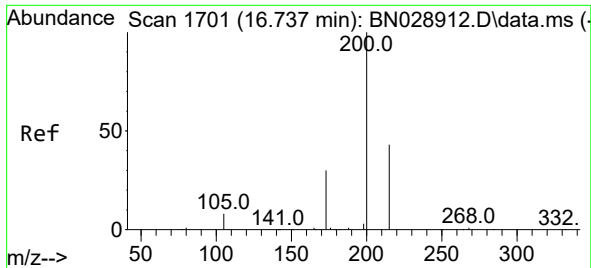
Tgt Ion:248 Resp: 1816
Ion Ratio Lower Upper
248 100
250 96.2 83.5 125.3
141 112.4 52.9 79.3#



#22
Hexachlorobenzene
Concen: 0.286 ng
RT: 16.451 min Scan# 1678
Delta R.T. -0.012 min
Lab File: BN028994.D
Acq: 02 Dec 2023 21:46

Tgt Ion:284 Resp: 2081
Ion Ratio Lower Upper
284 100
142 49.4 34.1 51.1
249 32.5 25.7 38.5

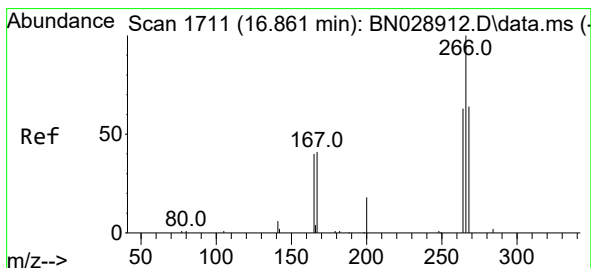
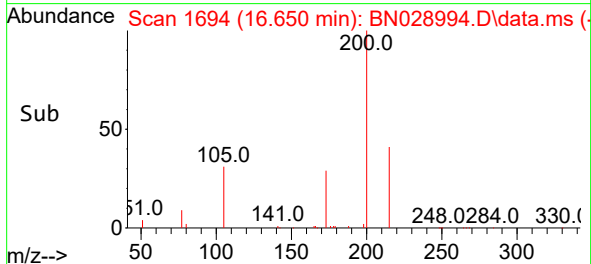
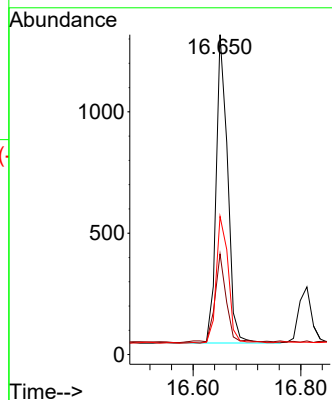
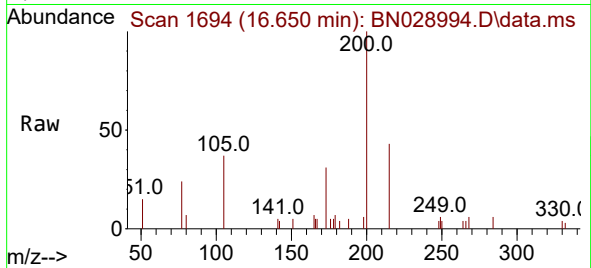




#23
Atrazine
Concen: 0.361 ng
RT: 16.650 min Scan# 1707
Delta R.T. -0.012 min
Lab File: BN028994.D
Acq: 02 Dec 2023 21:46

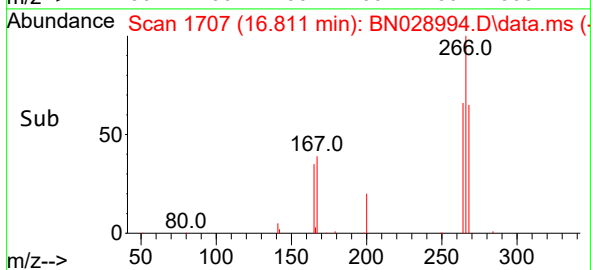
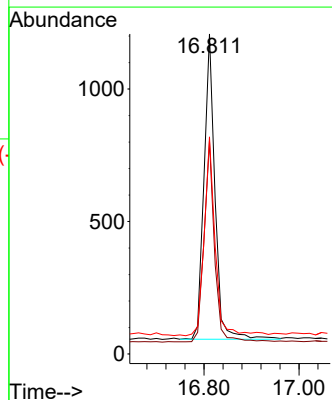
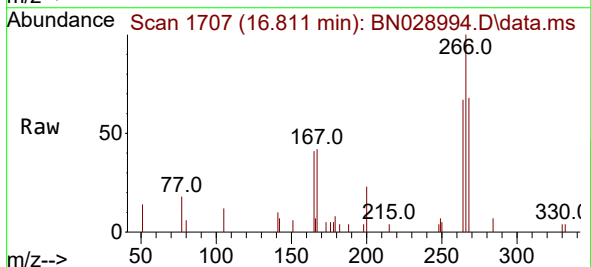
Instrument :
BNA_N
ClientSampleId :
RE134D1-20231109MSD

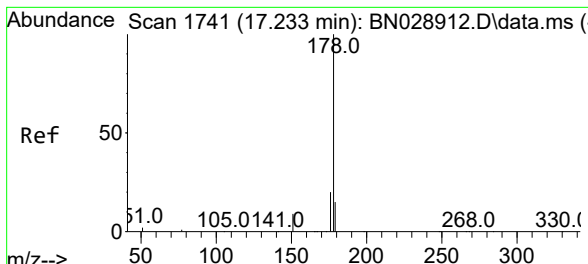
Tgt Ion:200 Resp: 1876
Ion Ratio Lower Upper
200 100
173 31.5 26.2 39.4
215 43.2 35.8 53.6



#24
Pentachlorophenol
Concen: 0.548 ng
RT: 16.811 min Scan# 1707
Delta R.T. -0.012 min
Lab File: BN028994.D
Acq: 02 Dec 2023 21:46

Tgt Ion:266 Resp: 1859
Ion Ratio Lower Upper
266 100
264 62.5 50.7 76.1
268 64.6 54.9 82.3

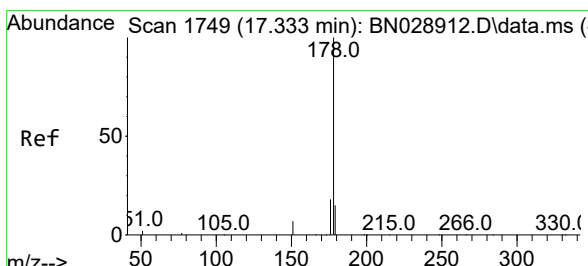
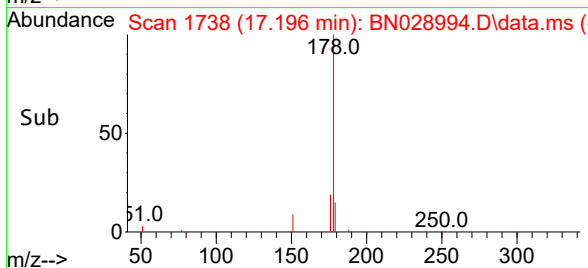
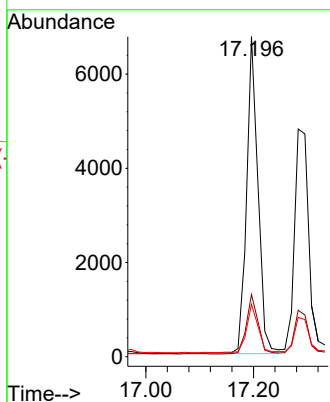
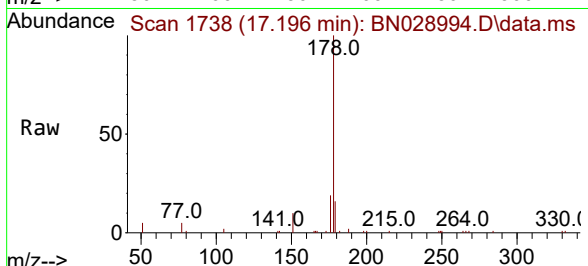




#25
 Phenanthrene
 Concen: 0.346 ng
 RT: 17.196 min Scan# 1740
 Delta R.T. -0.012 min
 Lab File: BN028994.D
 Acq: 02 Dec 2023 21:46

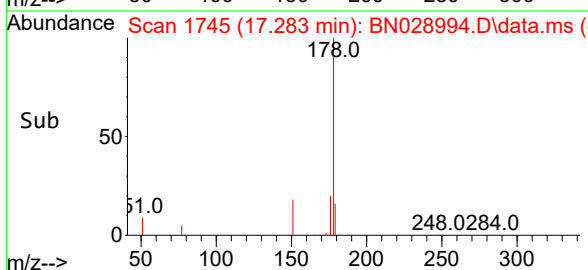
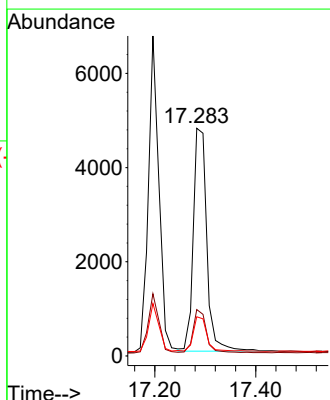
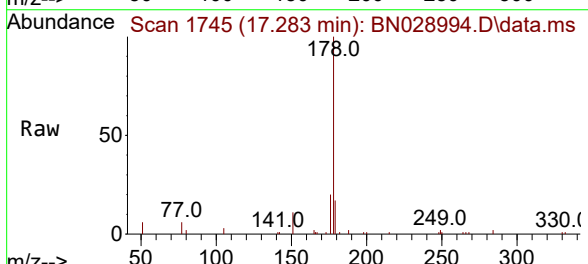
Instrument :
 BNA_N
 ClientSampleId :
 RE134D1-20231109MSD

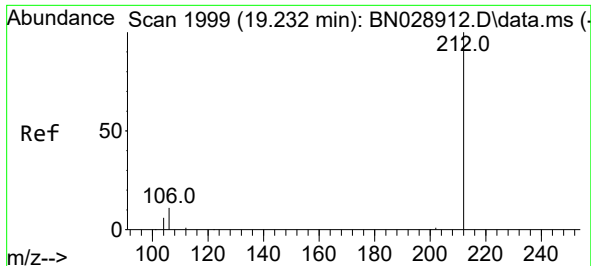
Tgt Ion:	178	Resp:	9834
Ion Ratio	Lower	Upper	
178	100		
176	19.2	16.4	24.6
179	15.5	14.1	21.1



#26
 Anthracene
 Concen: 0.336 ng
 RT: 17.283 min Scan# 1745
 Delta R.T. -0.025 min
 Lab File: BN028994.D
 Acq: 02 Dec 2023 21:46

Tgt Ion:	178	Resp:	8841
Ion Ratio	Lower	Upper	
178	100		
176	18.8	15.2	22.8
179	15.4	12.2	18.2

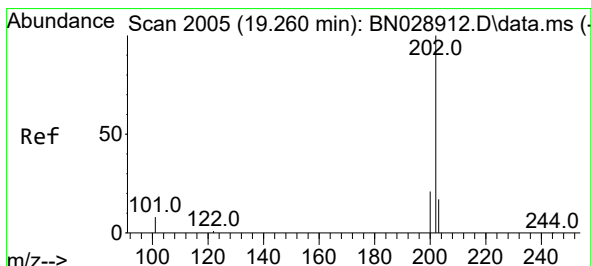
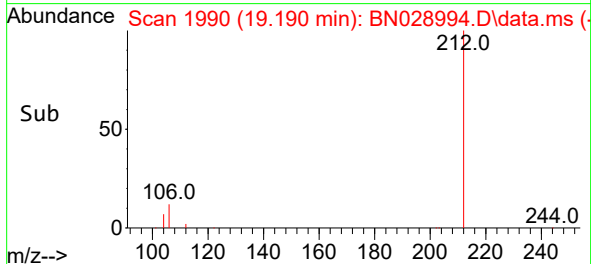
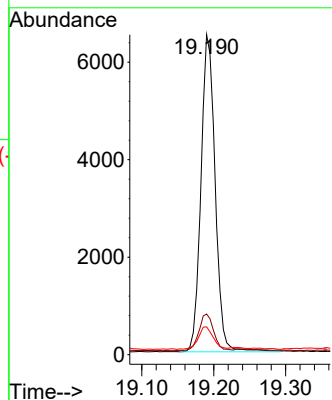
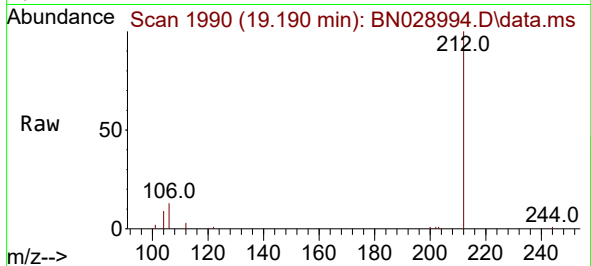




#27
Fluoranthene-d10
Concen: 0.394 ng
RT: 19.190 min Scan# 1990
Delta R.T. -0.019 min
Lab File: BN028994.D
Acq: 02 Dec 2023 21:46

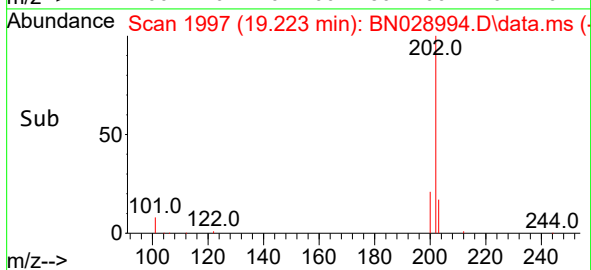
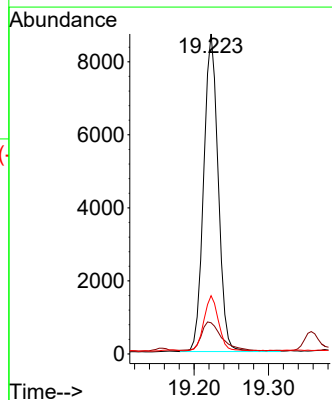
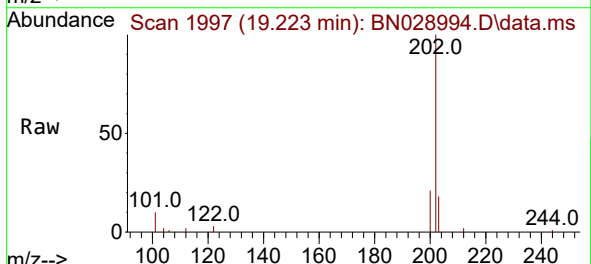
Instrument :
BNA_N
ClientSampleId :
RE134D1-20231109MSD

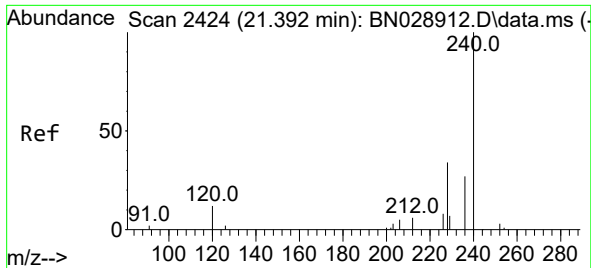
Tgt Ion:212 Resp: 8931
Ion Ratio Lower Upper
212 100
106 12.0 9.4 14.2
104 7.4 6.2 9.2



#28
Fluoranthene
Concen: 0.397 ng
RT: 19.223 min Scan# 1997
Delta R.T. -0.014 min
Lab File: BN028994.D
Acq: 02 Dec 2023 21:46

Tgt Ion:202 Resp: 11736
Ion Ratio Lower Upper
202 100
101 12.8 7.3 10.9#
203 17.4 14.1 21.1

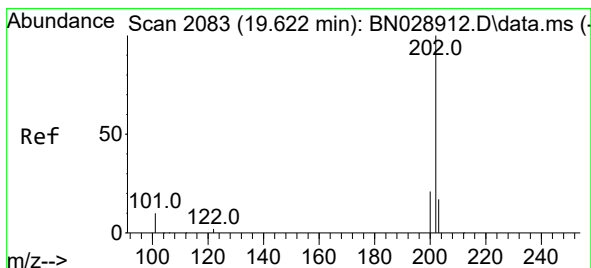
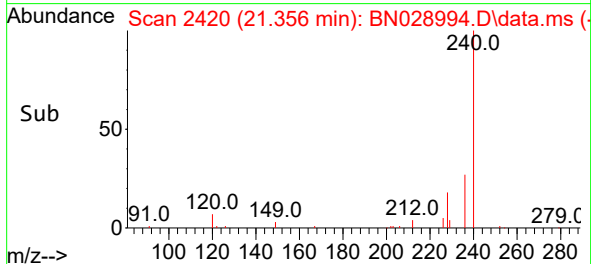
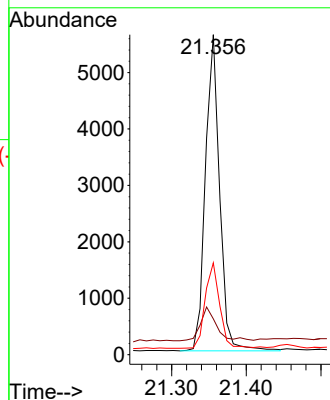
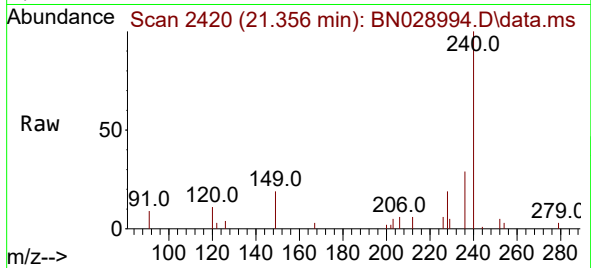




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.356 min Scan# 2420
Delta R.T. -0.018 min
Lab File: BN028994.D
Acq: 02 Dec 2023 21:46

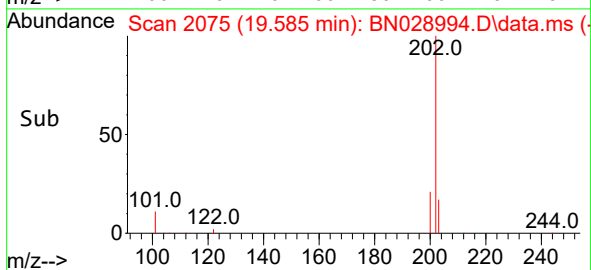
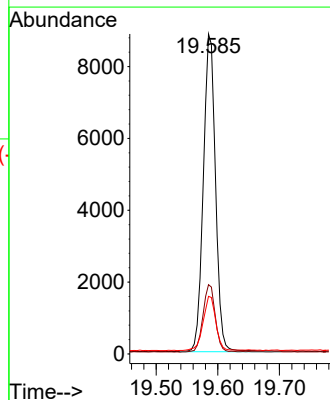
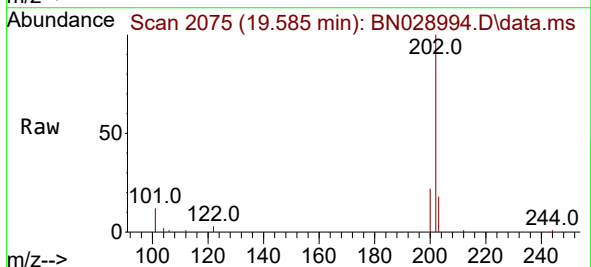
Instrument :
BNA_N
ClientSampleId :
RE134D1-20231109MSD

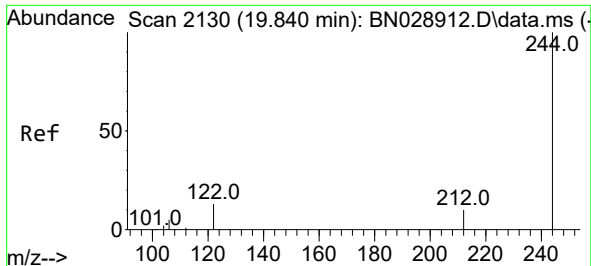
Tgt Ion:240 Resp: 7409
Ion Ratio Lower Upper
240 100
120 11.2 37.1 55.7#
236 28.7 32.4 48.6#



#30
Pyrene
Concen: 0.309 ng
RT: 19.585 min Scan# 2075
Delta R.T. -0.019 min
Lab File: BN028994.D
Acq: 02 Dec 2023 21:46

Tgt Ion:202 Resp: 12164
Ion Ratio Lower Upper
202 100
200 21.2 16.9 25.3
203 17.8 14.8 22.2

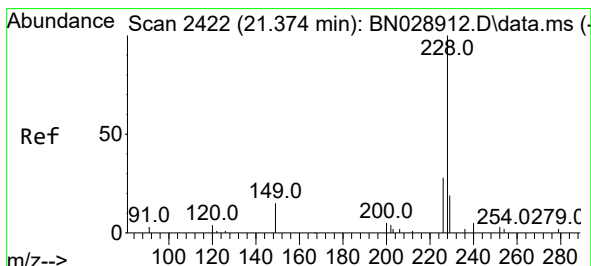
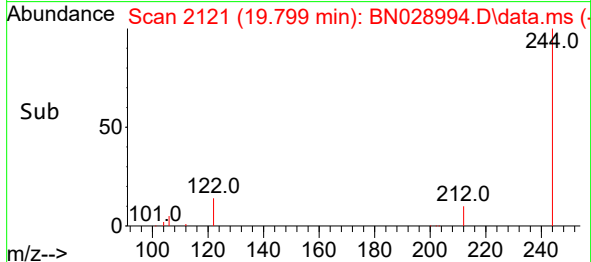
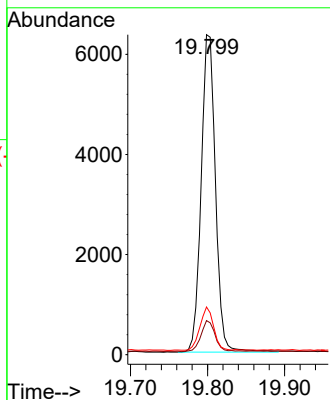
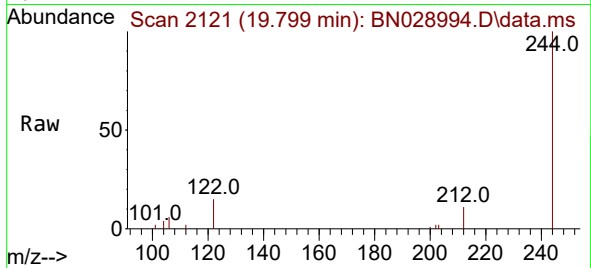




#31
 Terphenyl-d14
 Concen: 0.393 ng
 RT: 19.799 min Scan# 2130
 Delta R.T. -0.019 min
 Lab File: BN028994.D
 Acq: 02 Dec 2023 21:46

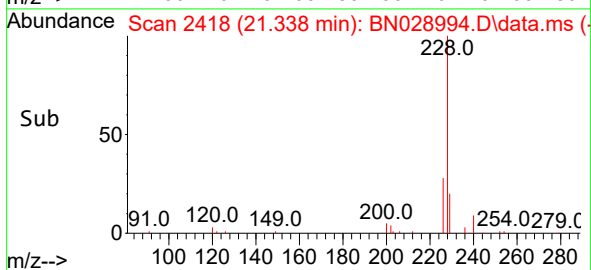
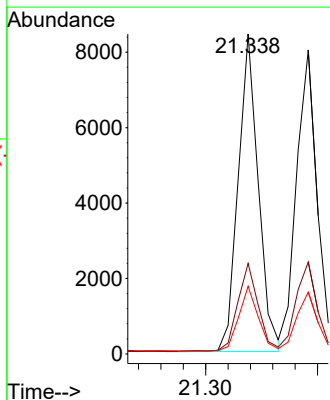
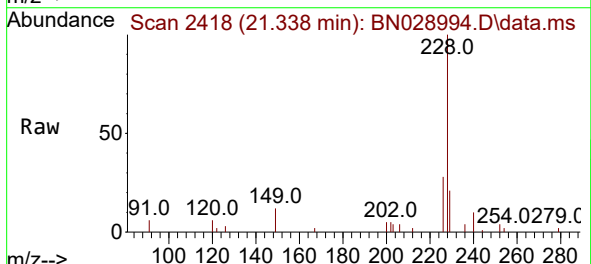
Instrument :
 BNA_N
 ClientSampleId :
 RE134D1-20231109MSD

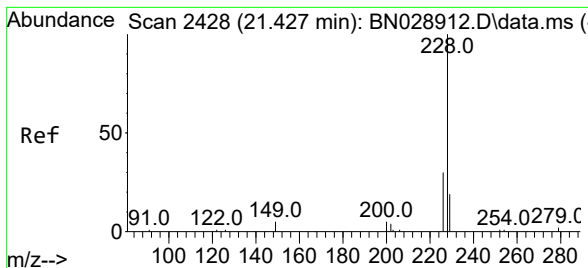
Tgt Ion:244 Resp: 8216
 Ion Ratio Lower Upper
 244 100
 212 10.6 11.5 17.3#
 122 14.9 13.2 19.8



#32
 Benzo(a)anthracene
 Concen: 0.334 ng
 RT: 21.338 min Scan# 2418
 Delta R.T. -0.018 min
 Lab File: BN028994.D
 Acq: 02 Dec 2023 21:46

Tgt Ion:228 Resp: 10510
 Ion Ratio Lower Upper
 228 100
 226 28.3 26.5 39.7
 229 21.1 16.4 24.6





#33

Chrysene

Concen: 0.335 ng

RT: 21.392 min Scan# 2412

Delta R.T. -0.018 min

Lab File: BN028994.D

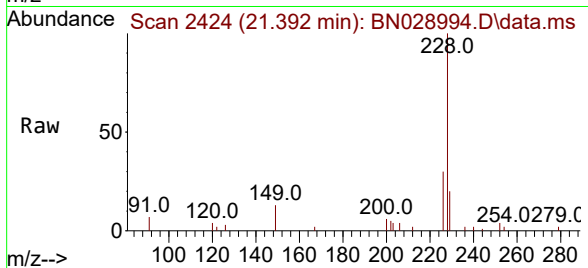
Acq: 02 Dec 2023 21:46

Instrument :

BNA_N

ClientSampleId :

RE134D1-20231109MSD



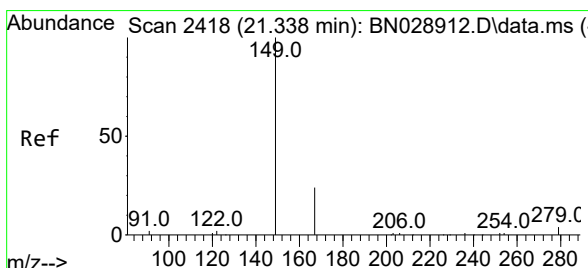
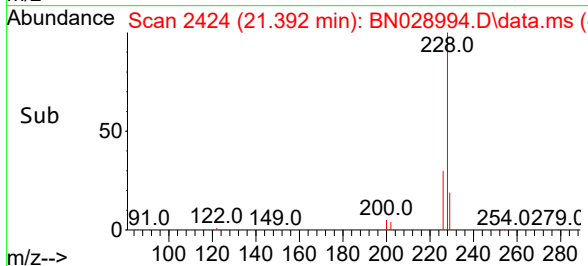
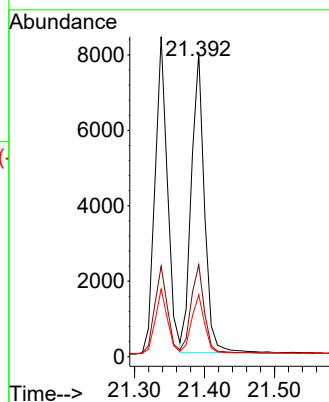
Tgt Ion:228 Resp: 10349

Ion Ratio Lower Upper

228 100

226 30.3 28.3 42.5

229 20.4 16.4 24.6



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.149 ng

RT: 21.284 min Scan# 2412

Delta R.T. -0.018 min

Lab File: BN028994.D

Acq: 02 Dec 2023 21:46

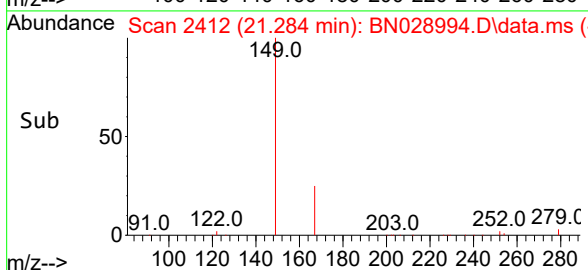
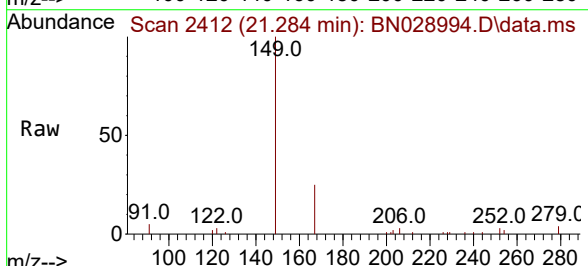
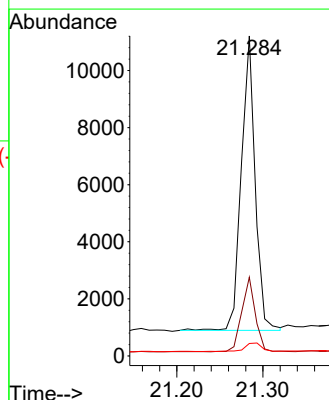
Tgt Ion:149 Resp: 11589

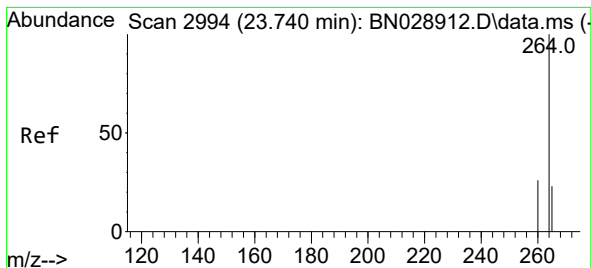
Ion Ratio Lower Upper

149 100

167 24.6 14.9 22.3#

279 3.4 6.3 9.5#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.678 min Scan# 2994

Delta R.T. -0.029 min

Lab File: BN028994.D

Acq: 02 Dec 2023 21:46

Instrument :

BNA_N

ClientSampleId :

RE134D1-20231109MSD

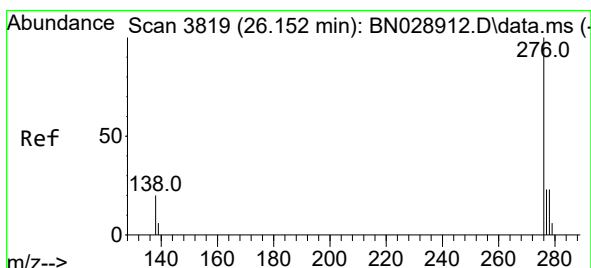
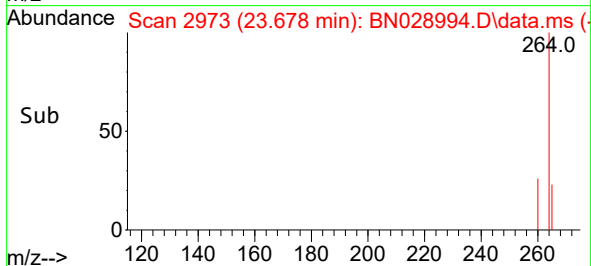
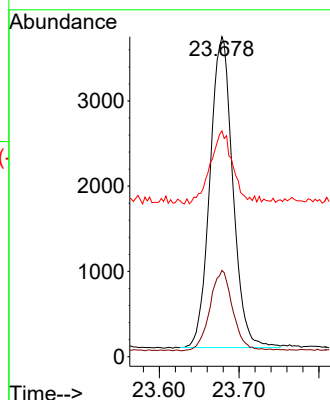
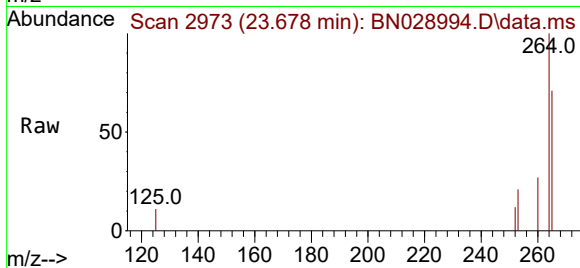
Tgt Ion:264 Resp: 7272

Ion Ratio Lower Upper

264 100

260 27.0 20.6 30.8

265 70.6 464.5 696.7#



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.329 ng

RT: 26.055 min Scan# 3786

Delta R.T. -0.047 min

Lab File: BN028994.D

Acq: 02 Dec 2023 21:46

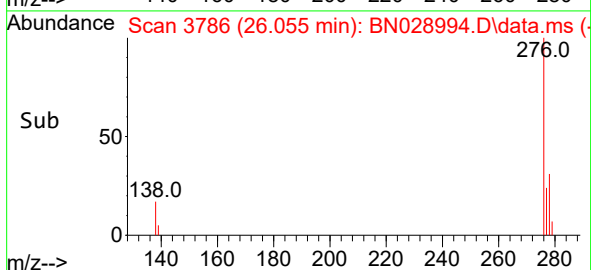
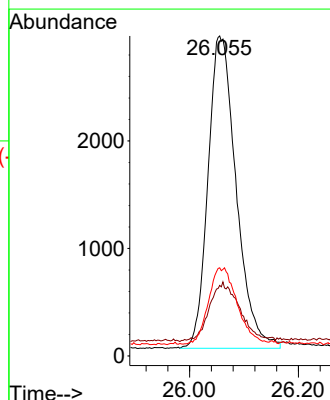
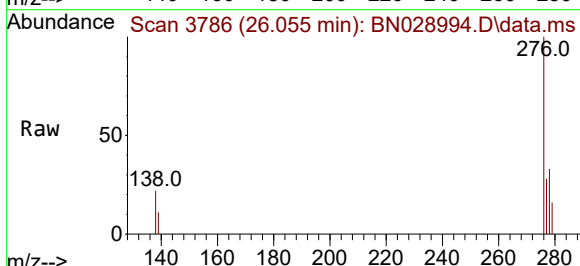
Tgt Ion:276 Resp: 10433

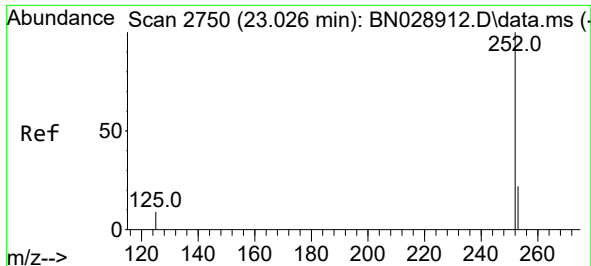
Ion Ratio Lower Upper

276 100

138 20.5 20.9 31.3#

277 11.5 20.2 30.4#





#37

Benzo(b)fluoranthene

Concen: 0.341 ng

RT: 22.971 min Scan# 21

Delta R.T. -0.026 min

Lab File: BN028994.D

Acq: 02 Dec 2023 21:46

Instrument :

BNA_N

ClientSampleId :

RE134D1-20231109MSD

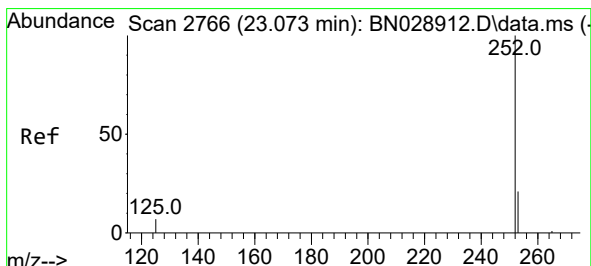
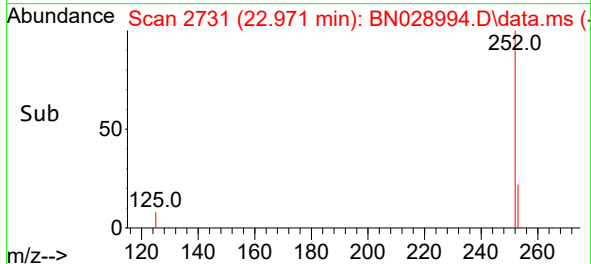
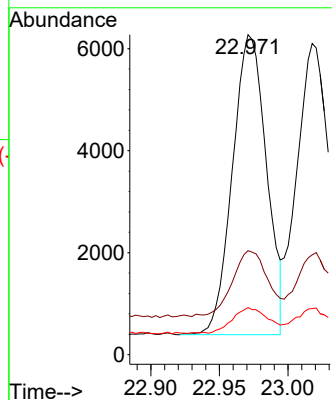
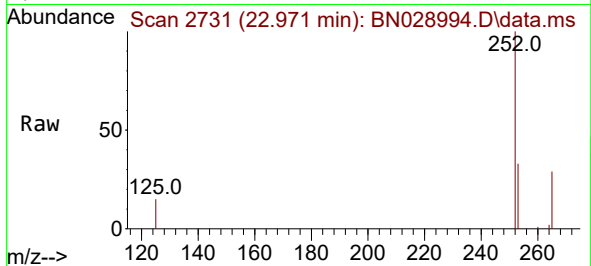
Tgt Ion:252 Resp: 10139

Ion Ratio Lower Upper

252 100

253 32.5 94.5 141.7#

125 14.7 23.8 35.8#



#38

Benzo(k)fluoranthene

Concen: 0.329 ng

RT: 23.018 min Scan# 2747

Delta R.T. -0.026 min

Lab File: BN028994.D

Acq: 02 Dec 2023 21:46

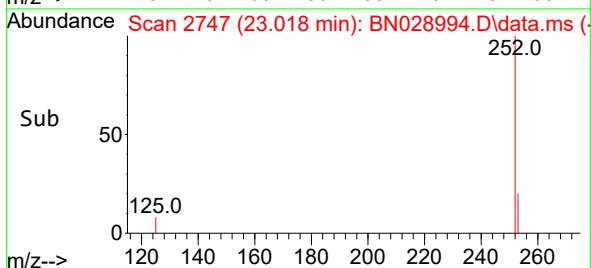
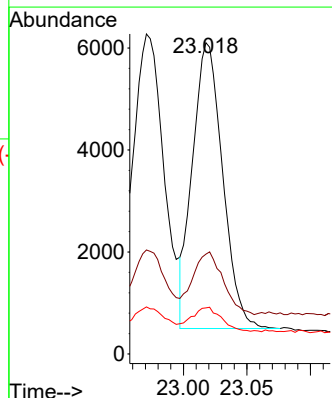
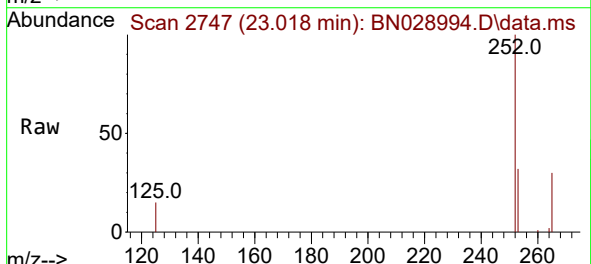
Tgt Ion:252 Resp: 9247

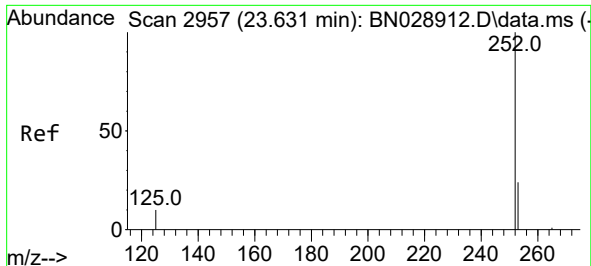
Ion Ratio Lower Upper

252 100

253 32.1 95.2 142.8#

125 14.8 24.3 36.5#





#39

Benzo(a)pyrene

Concen: 0.292 ng

RT: 23.573 min Scan# 2957

Delta R.T. -0.029 min

Lab File: BN028994.D

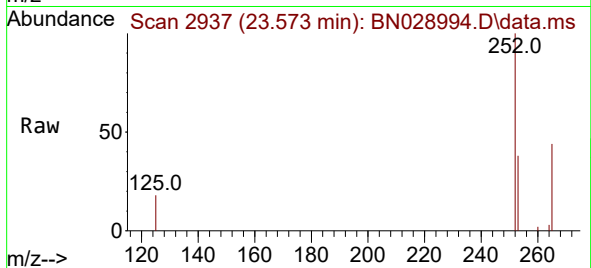
Acq: 02 Dec 2023 21:46

Instrument :

BNA_N

ClientSampleId :

RE134D1-20231109MSD



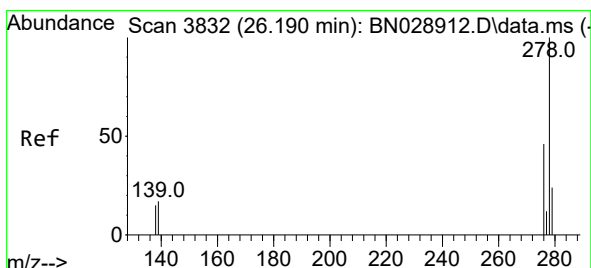
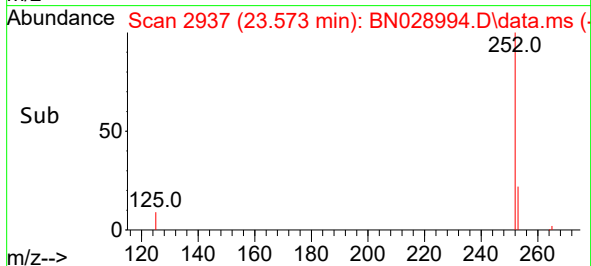
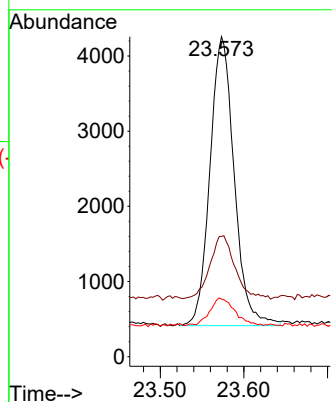
Tgt Ion:252 Resp: 7746

Ion Ratio Lower Upper

252 100

253 37.6 110.2 165.4#

125 18.0 27.0 40.4#



#40

Dibenzo(a,h)anthracene

Concen: 0.346 ng

RT: 26.087 min Scan# 3797

Delta R.T. -0.044 min

Lab File: BN028994.D

Acq: 02 Dec 2023 21:46

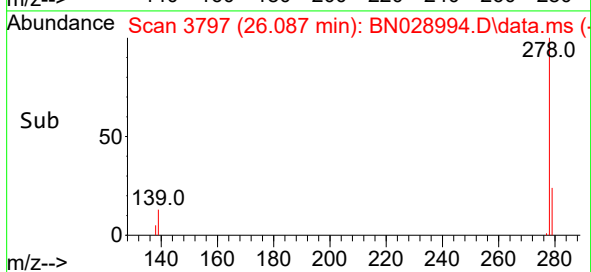
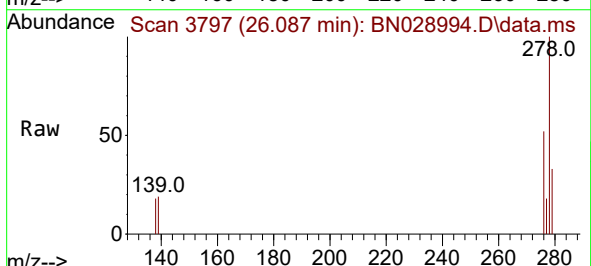
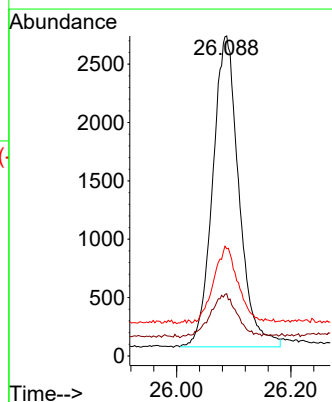
Tgt Ion:278 Resp: 8493

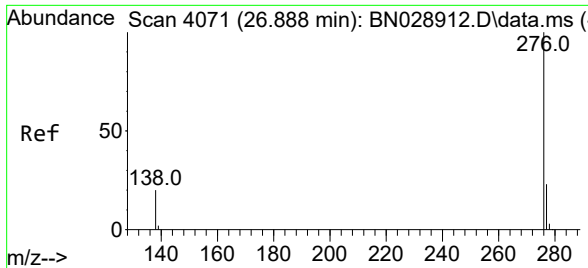
Ion Ratio Lower Upper

278 100

139 19.4 22.6 33.8#

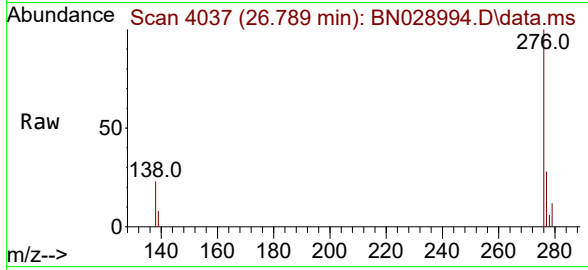
279 33.5 102.6 153.8#





#41
Benzo(g,h,i)perylene
Concen: 0.275 ng
RT: 26.789 min Scan# 40
Delta R.T. -0.053 min
Lab File: BN028994.D
Acq: 02 Dec 2023 21:46

Instrument :
BNA_N
ClientSampleId :
RE134D1-20231109MSD



Tgt Ion:276 Resp: 7597
Ion Ratio Lower Upper
276 100
277 27.5 28.9 43.3#
138 23.2 36.2 54.2#

