

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112522\
 Data File : BN022871.D
 Acq On : 25 Nov 2022 22:11
 Operator : CG/JU
 Sample : N5317-12DL 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 25 23:18:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 25 22:56:22 2022
 Response via : Initial Calibration

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

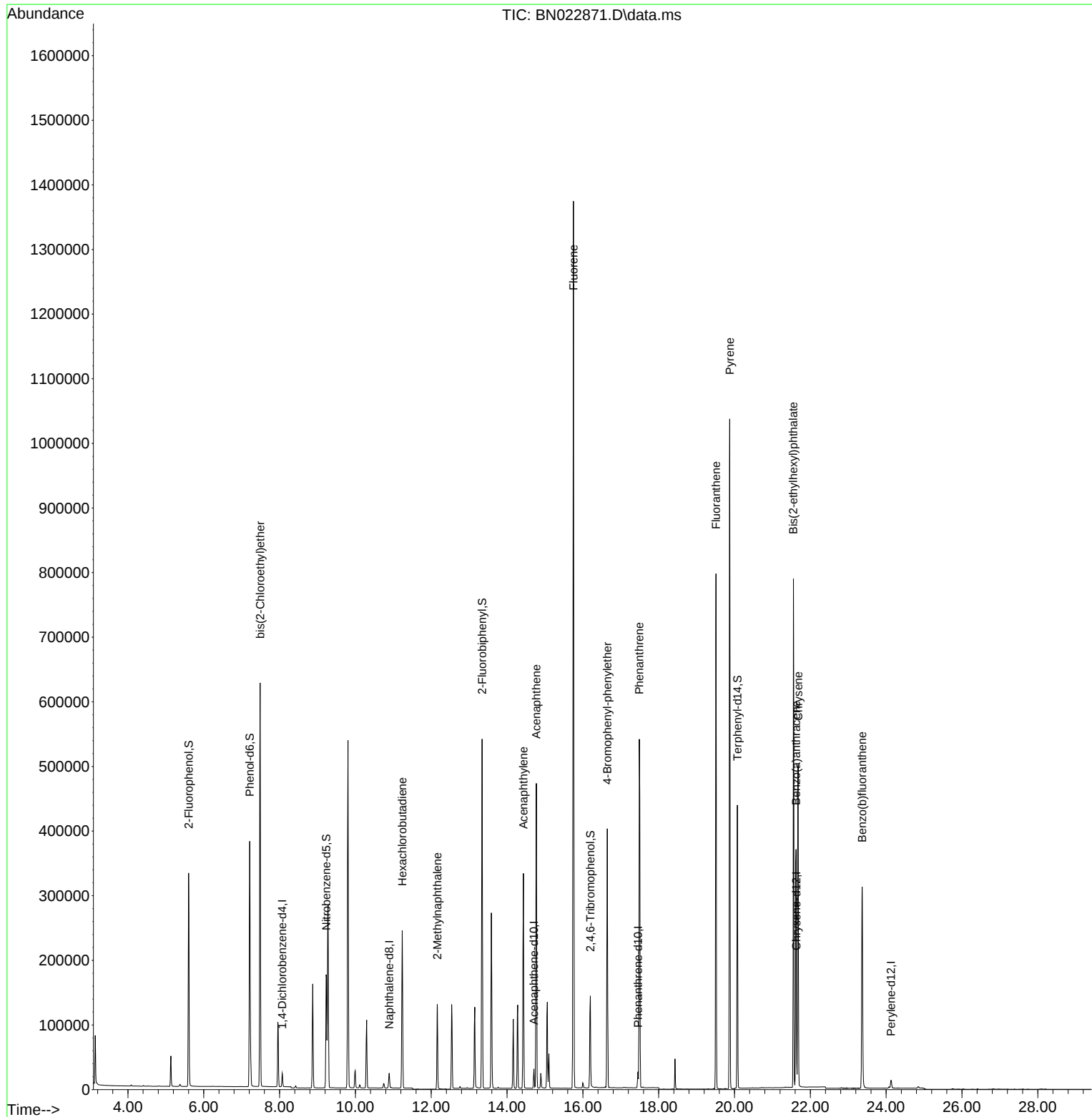
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.071	152	9771	0.400	ng	0.00
7) Naphthalene-d8	10.893	136	28328	0.400	ng	0.00
13) Acenaphthene-d10	14.709	164	15238	0.400	ng	0.00
19) Phenanthrene-d10	17.452	188	30157	0.400	ng	0.00
29) Chrysene-d12	21.634	240	21207	0.400	ng	# 0.00
35) Perylene-d12	24.129	264	17874	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.601	112	250657	9.873	ng	0.00
5) Phenol-d6	7.212	99	335045	10.360	ng	0.00
8) Nitrobenzene-d5	9.228	82	143675	6.529	ng	-0.01
11) 2-Methylnaphthalene-d10	12.480	152	8	0.000	ng	0.00
14) 2,4,6-Tribromophenol	16.198	330	85211	11.582	ng	0.00
15) 2-Fluorobiphenyl	13.340	172	436814	6.266	ng	0.00
27) Fluoranthene-d10	19.477	212	14	0.000	ng	0.00
31) Terphenyl-d14	20.076	244	306633	6.155	ng	0.00
Target Compounds						Qvalue
6) bis(2-Chloroethyl)ether	7.486	93	423138	13.933	ng	100
10) Hexachlorobutadiene	11.235	225	189871	10.602	ng	# 100
12) 2-Methylnaphthalene	12.159	142	175772	9.874	ng	# 93
16) Acenaphthylene	14.431	152	342539	4.246	ng	99
17) Acenaphthene	14.773	154	225392	4.246	ng	98
18) Fluorene	15.751	166	741661	10.909	ng	98
21) 4-Bromophenyl-phenylether	16.645	248	149100	6.849	ng	92
25) Phenanthrene	17.489	178	592102	5.647	ng	100
28) Fluoranthene	19.511	202	653203	5.858	ng	99
30) Pyrene	19.873	202	936461	8.482	ng	97
32) Benzo(a)anthracene	21.625	228	333940	3.897	ng	100
33) Chrysene	21.679	228	432840	4.870	ng	99
34) Bis(2-ethylhexyl)phtha...	21.553	149	681193	19.793	ng	99
37) Benzo(b)fluoranthene	23.369	252	419366	5.256	ng	96

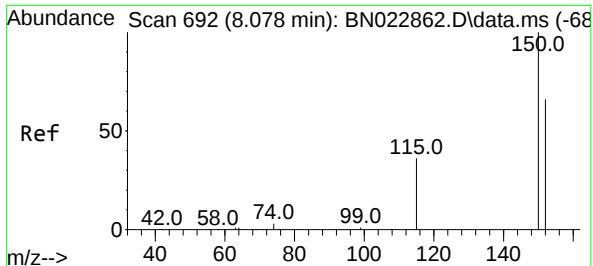
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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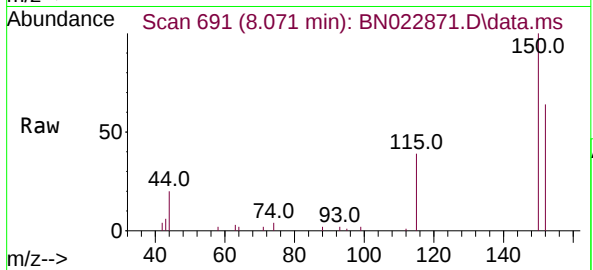
Quant Time: Nov 25 23:18:02 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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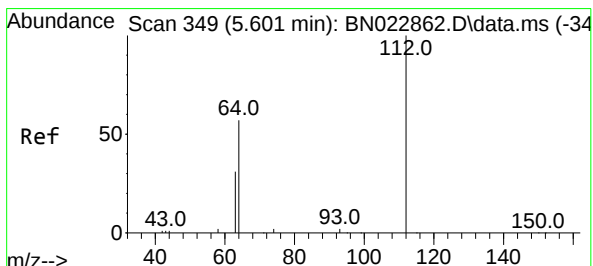
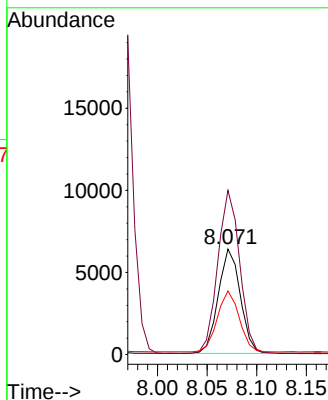
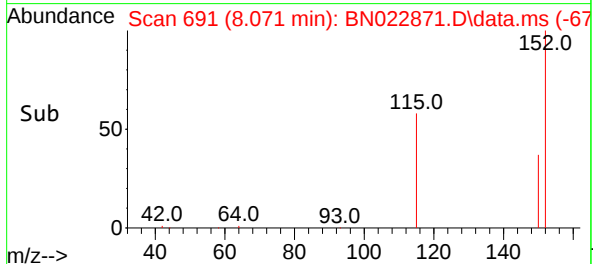


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.071 min Scan# 691
Delta R.T. -0.007 min
Lab File: BN022871.D
Acq: 25 Nov 2022 22:11

Instrument :
BNA_N
ClientSampleId :

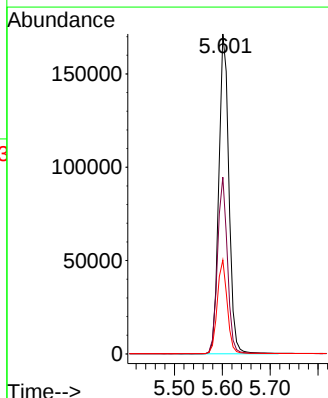
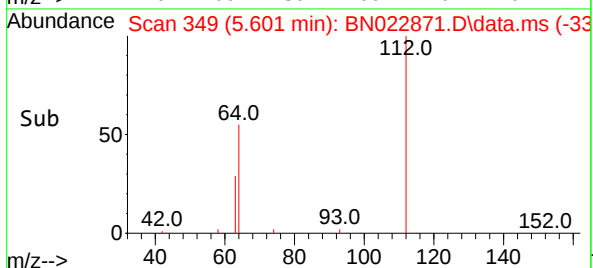
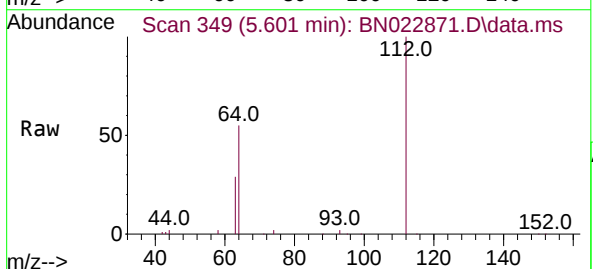


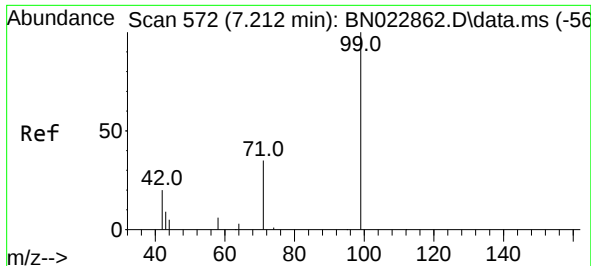
Tgt Ion:152 Resp: 9771
Ion Ratio Lower Upper
152 100
150 155.6 121.2 181.8
115 60.3 46.2 69.4



#4
2-Fluorophenol
Concen: 9.873 ng
RT: 5.601 min Scan# 349
Delta R.T. 0.000 min
Lab File: BN022871.D
Acq: 25 Nov 2022 22:11

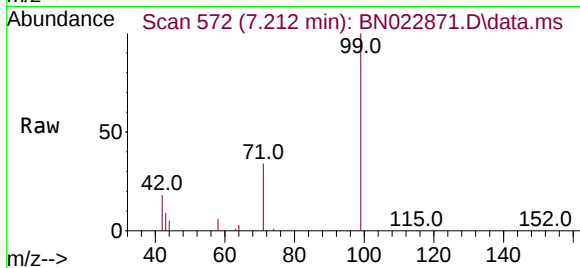
Tgt Ion:112 Resp: 250657
Ion Ratio Lower Upper
112 100
64 54.2 43.4 65.2
63 28.8 23.4 35.2



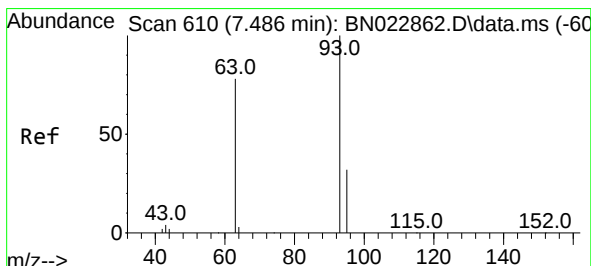
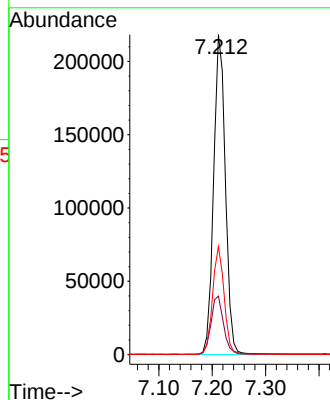
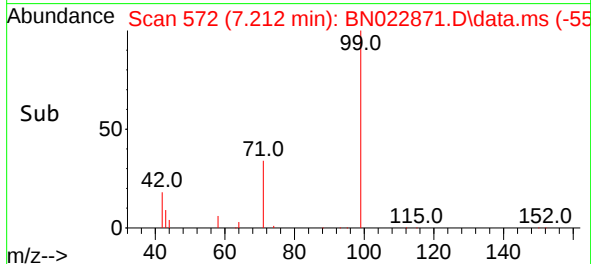


#5
Phenol-d6
Concen: 10.360 ng
RT: 7.212 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN022871.D
Acq: 25 Nov 2022 22:11

Instrument :
BNA_N
ClientSampleId :

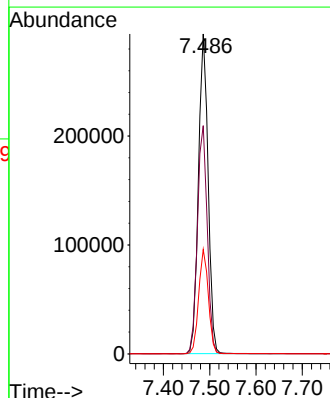
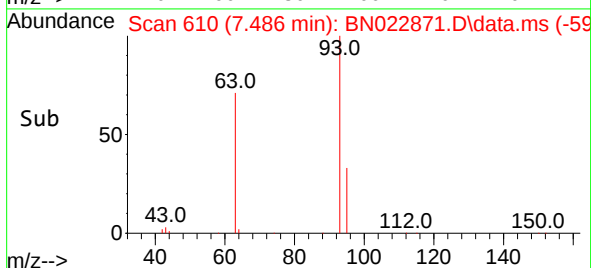
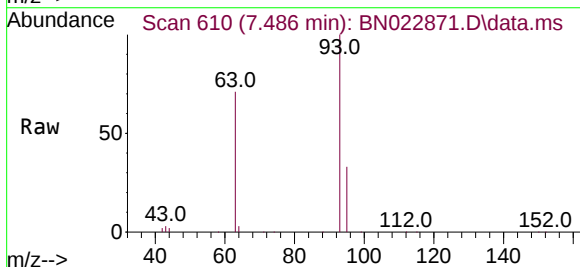


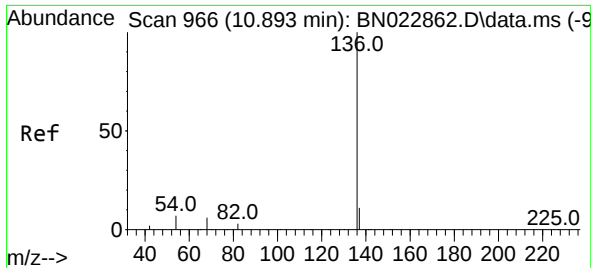
Tgt Ion: 99 Resp: 335045
Ion Ratio Lower Upper
99 100
42 19.3 16.0 24.0
71 33.0 26.8 40.2



#6
bis(2-Chloroethyl)ether
Concen: 13.933 ng
RT: 7.486 min Scan# 610
Delta R.T. 0.000 min
Lab File: BN022871.D
Acq: 25 Nov 2022 22:11

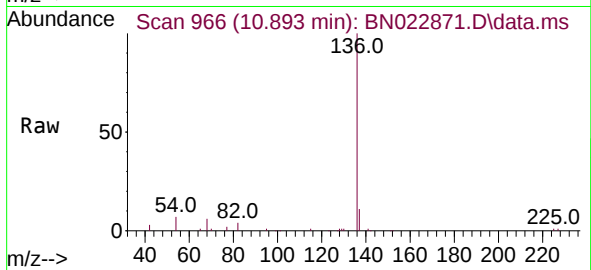
Tgt Ion: 93 Resp: 423138
Ion Ratio Lower Upper
93 100
63 72.9 58.3 87.5
95 32.6 25.8 38.6



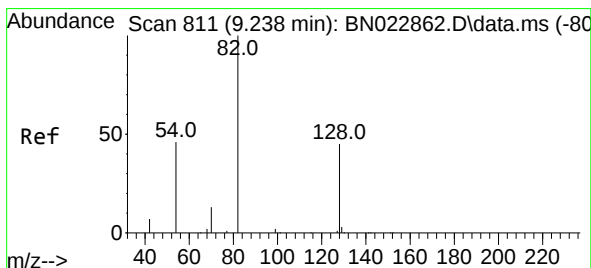
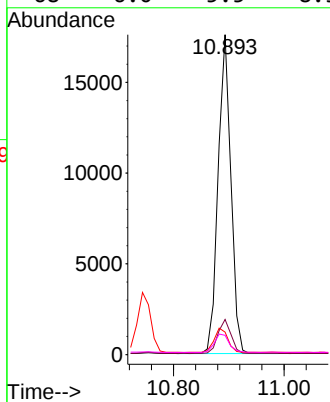
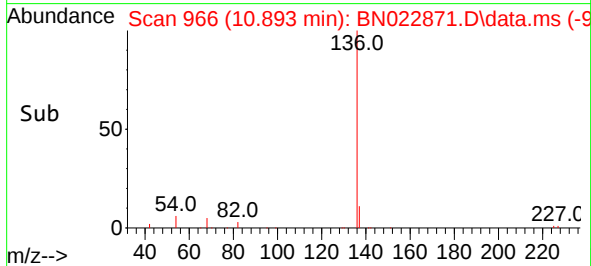


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.893 min Scan# 90
Delta R.T. 0.000 min
Lab File: BN022871.D
Acq: 25 Nov 2022 22:11

Instrument :
BNA_N
ClientSampleId :

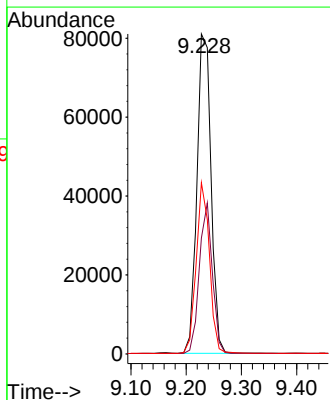
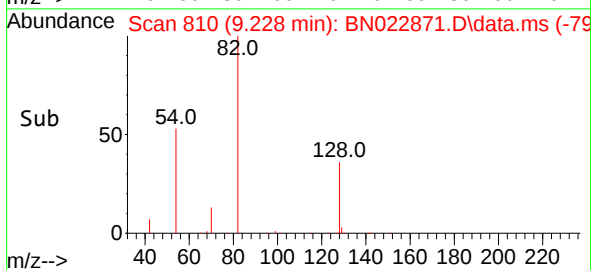
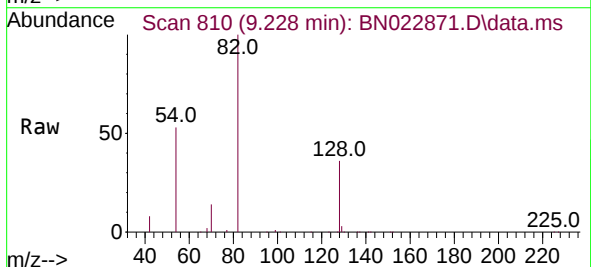


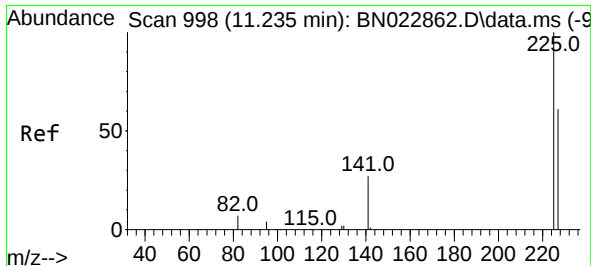
Tgt Ion:	136	Resp:	28328
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.0	13.4
54	7.0	6.6	9.8
68	6.0	5.5	8.3



#8
Nitrobenzene-d5
Concen: 6.529 ng
RT: 9.228 min Scan# 810
Delta R.T. -0.011 min
Lab File: BN022871.D
Acq: 25 Nov 2022 22:11

Tgt Ion:	82	Resp:	143675
Ion Ratio	Lower	Upper	
82	100		
128	36.2	36.6	54.8#
54	53.5	38.5	57.7

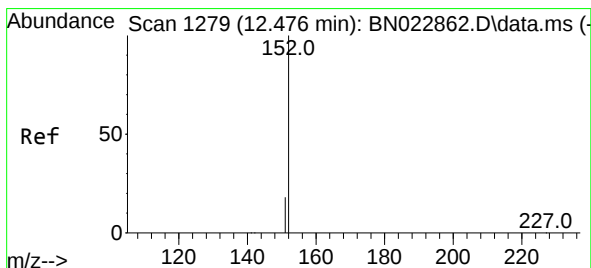
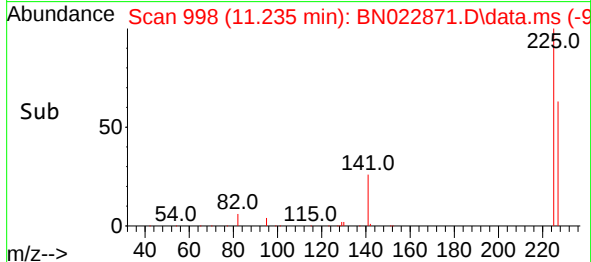
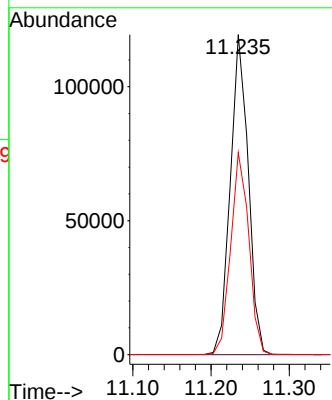
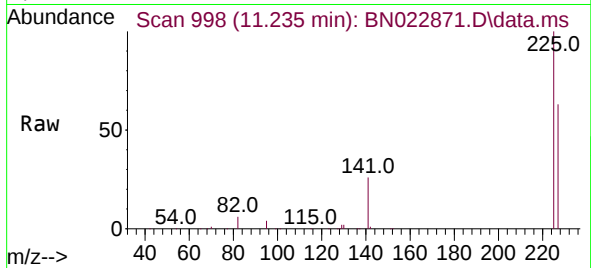




#10
Hexachlorobutadiene
Concen: 10.602 ng
RT: 11.235 min Scan# 998
Delta R.T. 0.000 min
Lab File: BN022871.D
Acq: 25 Nov 2022 22:11

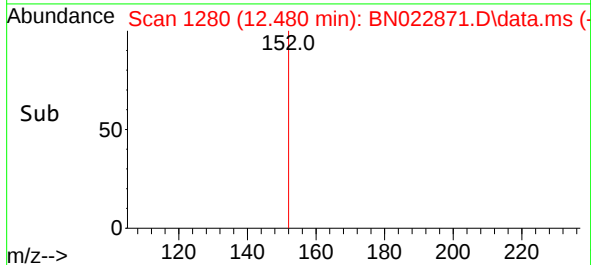
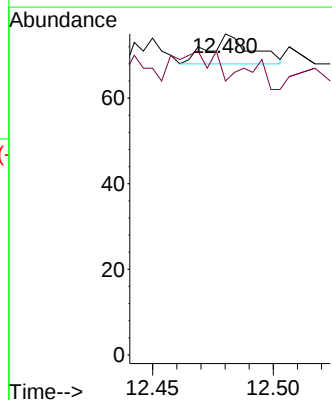
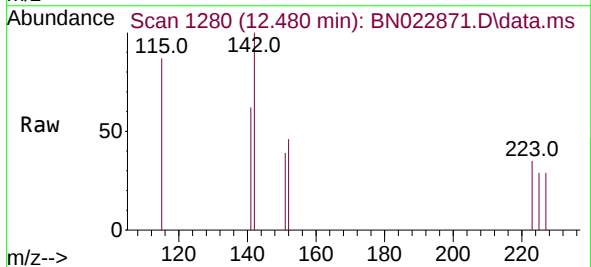
Instrument :
BNA_N
ClientSampleId :

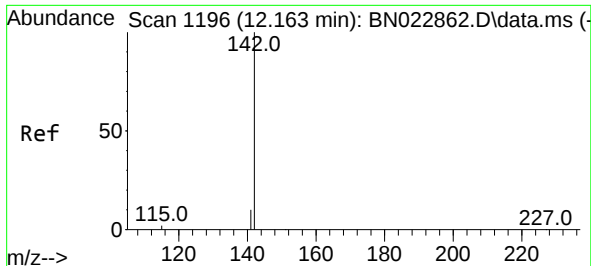
Tgt Ion:225 Resp: 189871
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 63.8 50.8 76.2



#11
2-Methylnaphthalene-d10
Concen: 0.000 ng
RT: 12.480 min Scan# 1280
Delta R.T. 0.004 min
Lab File: BN022871.D
Acq: 25 Nov 2022 22:11

Tgt Ion:152 Resp: 8
Ion Ratio Lower Upper
152 100
151 112.5 18.6 27.8#





#12

2-Methylnaphthalene

Concen: 9.874 ng

RT: 12.159 min Scan# 1195

Delta R.T. -0.004 min

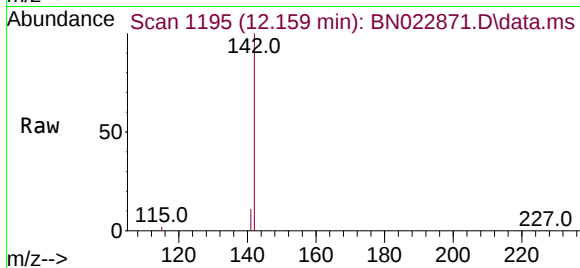
Lab File: BN022871.D

Acq: 25 Nov 2022 22:11

Instrument :

BNA_N

ClientSampleId :



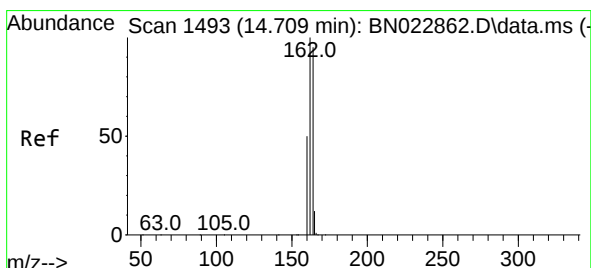
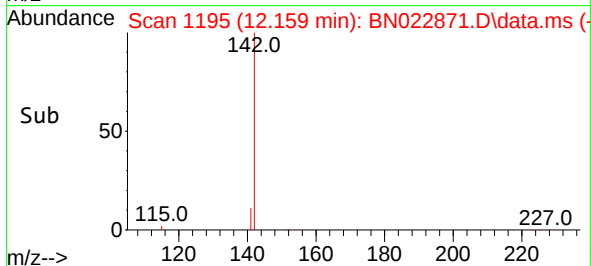
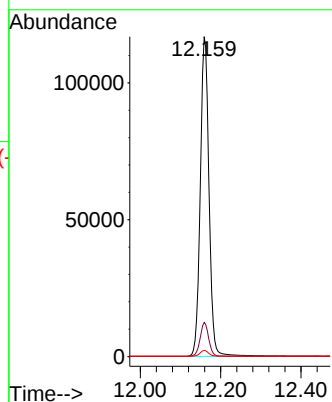
Tgt Ion:142 Resp: 175772

Ion Ratio Lower Upper

142 100

141 10.7 10.1 15.1

115 1.9 4.6 7.0#



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.709 min Scan# 1493

Delta R.T. 0.000 min

Lab File: BN022871.D

Acq: 25 Nov 2022 22:11

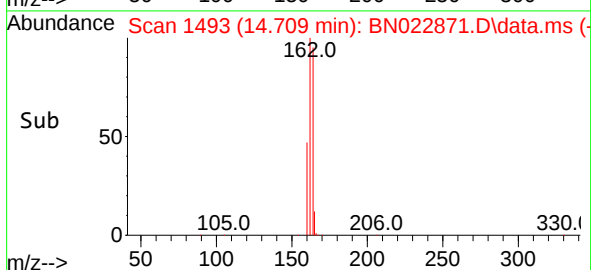
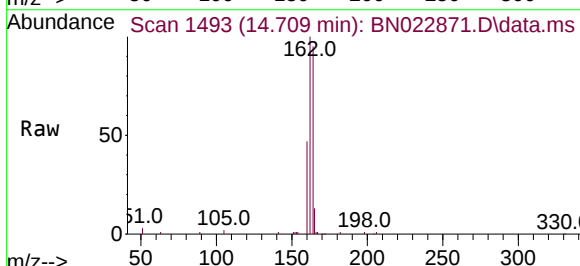
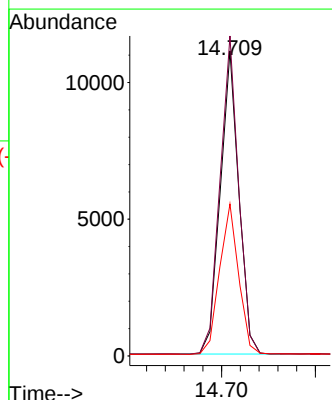
Tgt Ion:164 Resp: 15238

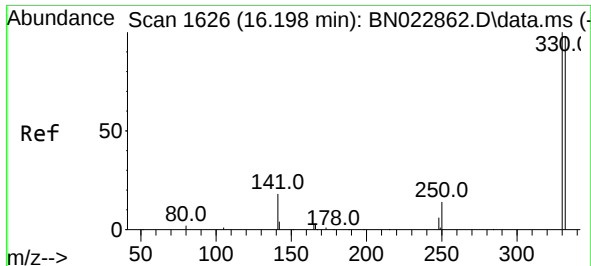
Ion Ratio Lower Upper

164 100

162 104.9 84.2 126.4

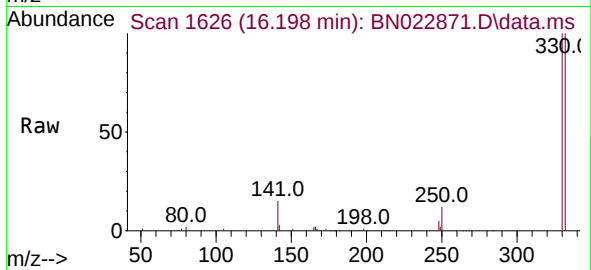
160 49.8 42.5 63.7



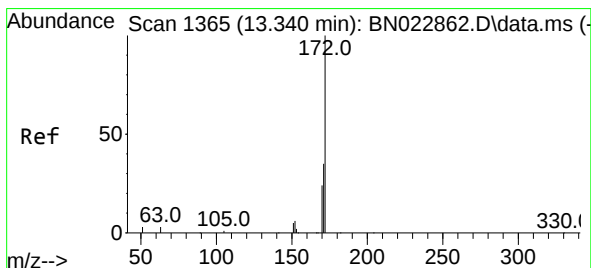
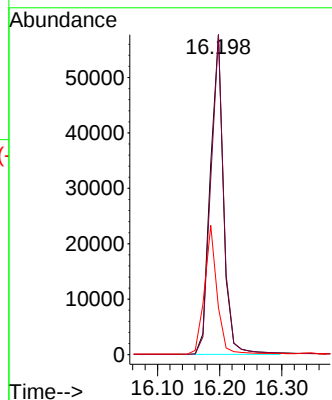
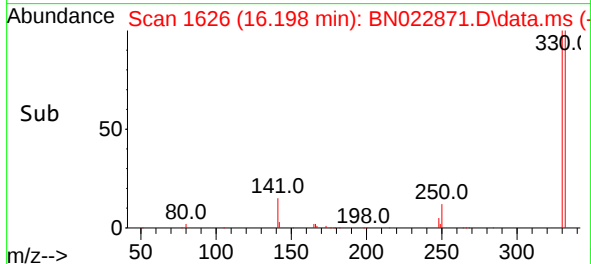


#14
 2,4,6-Tribromophenol
 Concen: 11.582 ng
 RT: 16.198 min Scan# 1626
 Delta R.T. 0.000 min
 Lab File: BN022871.D
 Acq: 25 Nov 2022 22:11

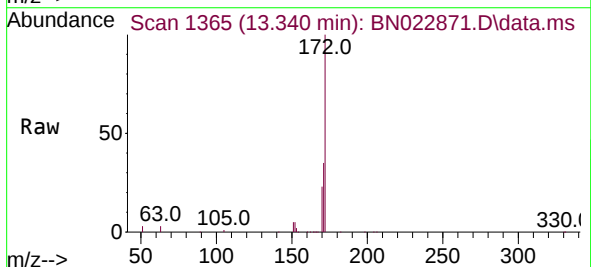
Instrument :
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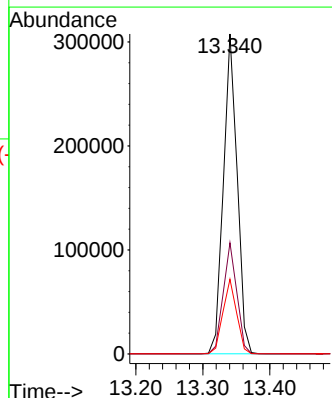
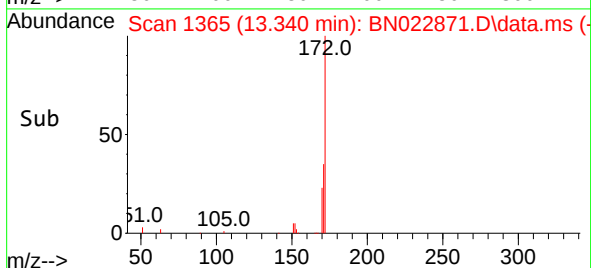
Tgt Ion:330 Resp: 85211
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.5 114.7
 141 38.2 32.6 48.8

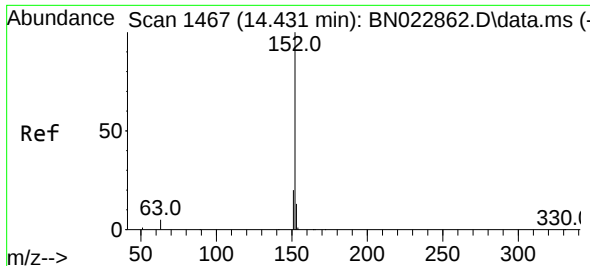


#15
 2-Fluorobiphenyl
 Concen: 6.266 ng
 RT: 13.340 min Scan# 1365
 Delta R.T. 0.000 min
 Lab File: BN022871.D
 Acq: 25 Nov 2022 22:11



Tgt Ion:172 Resp: 436814
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.2 42.4
 170 23.3 19.3 28.9

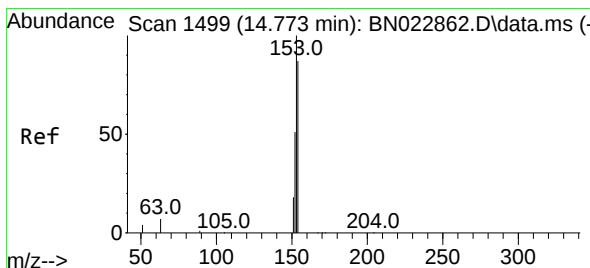
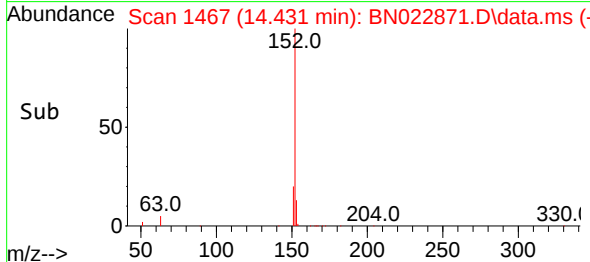
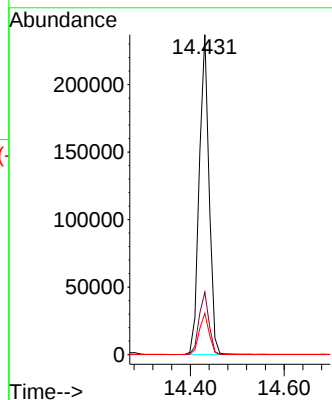
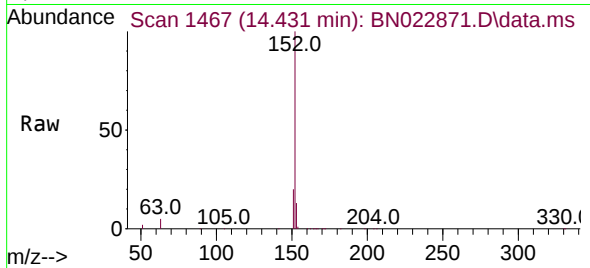




#16
Acenaphthylene
Concen: 4.246 ng
RT: 14.431 min Scan# 1467
Delta R.T. 0.000 min
Lab File: BN022871.D
Acq: 25 Nov 2022 22:11

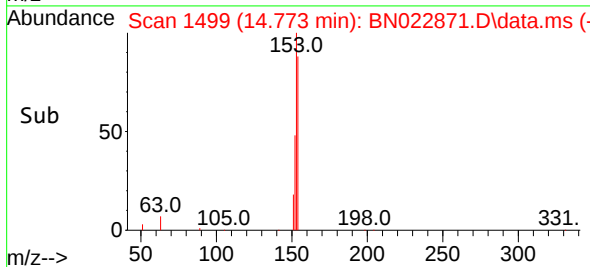
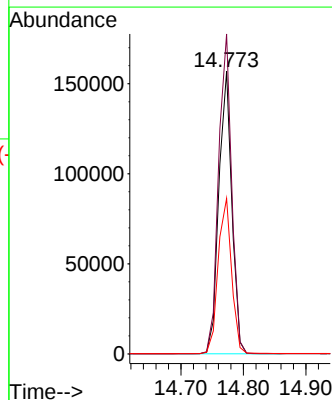
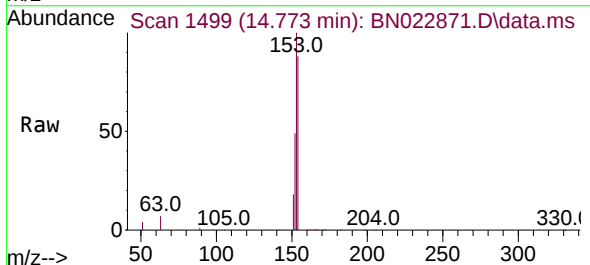
Instrument :
BNA_N
ClientSampleId :

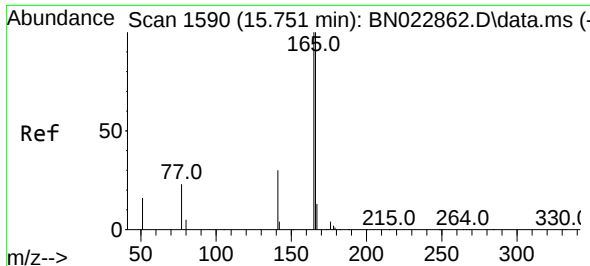
Tgt Ion:152 Resp: 342539
Ion Ratio Lower Upper
152 100
151 19.8 16.1 24.1
153 12.9 10.5 15.7



#17
Acenaphthene
Concen: 4.246 ng
RT: 14.773 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BN022871.D
Acq: 25 Nov 2022 22:11

Tgt Ion:154 Resp: 225392
Ion Ratio Lower Upper
154 100
153 114.5 90.0 135.0
152 57.1 47.0 70.6

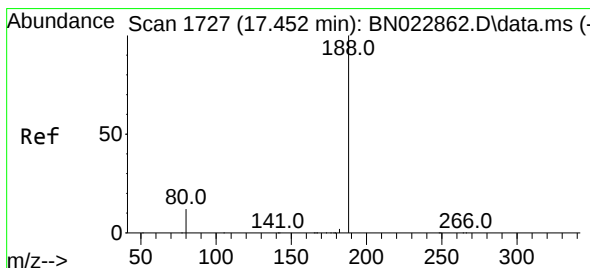
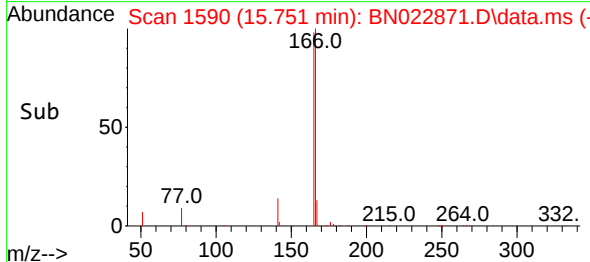
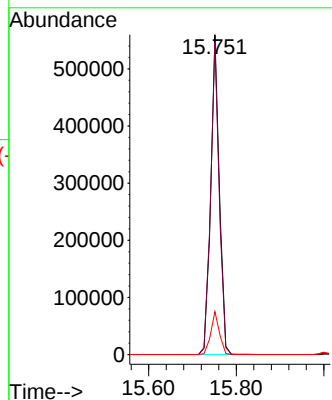
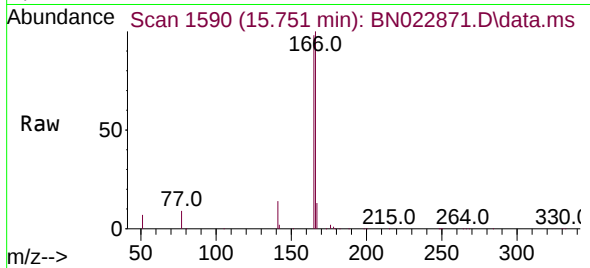




#18
Fluorene
Concen: 10.909 ng
RT: 15.751 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BN022871.D
Acq: 25 Nov 2022 22:11

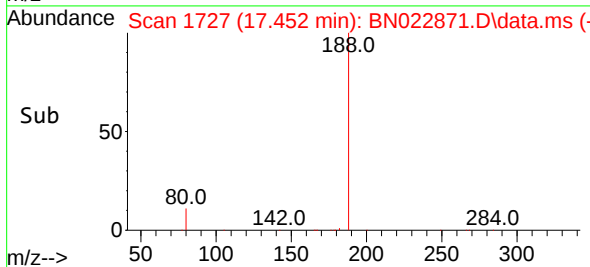
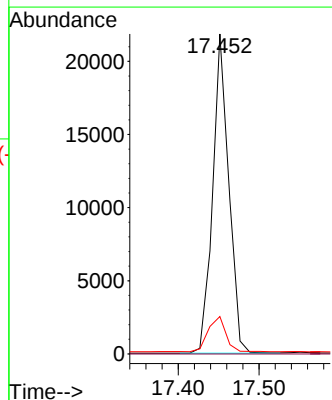
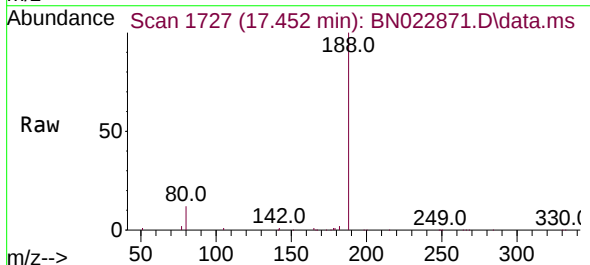
Instrument :
BNA_N
ClientSampleId :

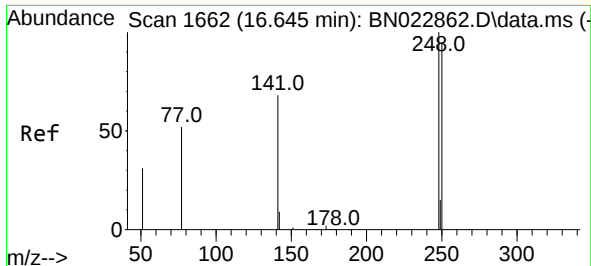
Tgt Ion:166 Resp: 741661
Ion Ratio Lower Upper
166 100
165 96.6 79.4 119.0
167 13.1 10.7 16.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.452 min Scan# 1727
Delta R.T. 0.000 min
Lab File: BN022871.D
Acq: 25 Nov 2022 22:11

Tgt Ion:188 Resp: 30157
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.7 10.3 15.5

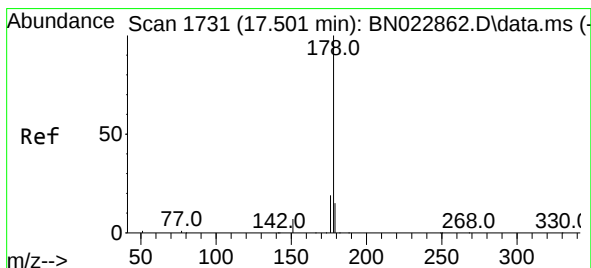
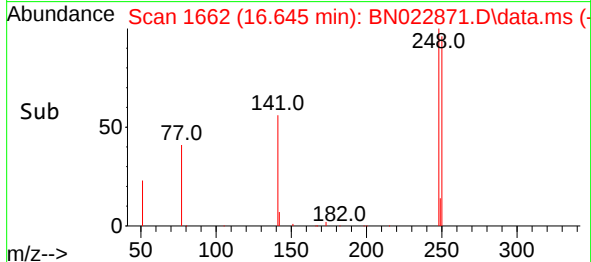
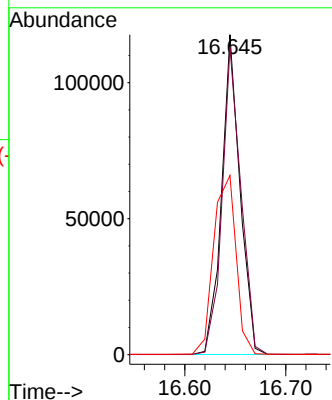
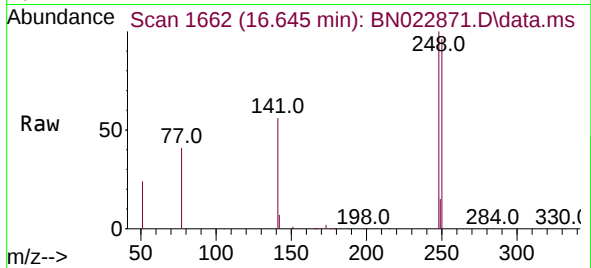




#21
4-Bromophenyl-phenylether
Concen: 6.849 ng
RT: 16.645 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BN022871.D
Acq: 25 Nov 2022 22:11

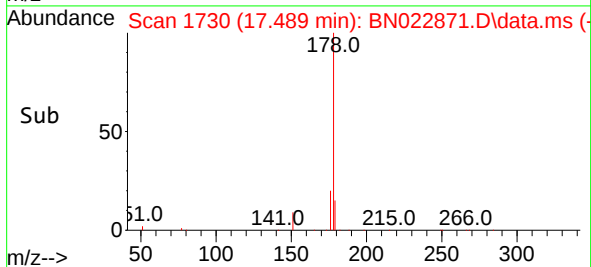
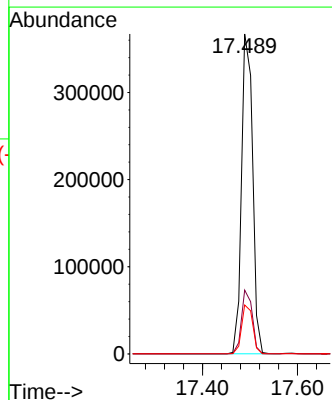
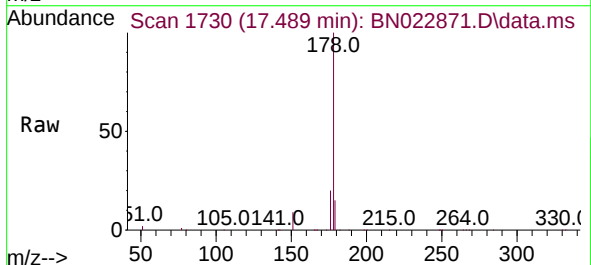
Instrument :
BNA_N
ClientSampleId :

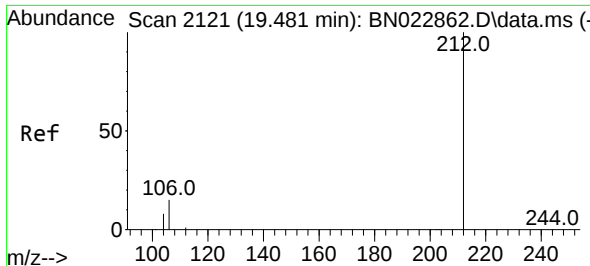
Tgt Ion:248 Resp: 149100
Ion Ratio Lower Upper
248 100
250 96.1 75.8 113.6
141 56.0 55.4 83.0



#25
Phenanthrene
Concen: 5.647 ng
RT: 17.489 min Scan# 1730
Delta R.T. -0.012 min
Lab File: BN022871.D
Acq: 25 Nov 2022 22:11

Tgt Ion:178 Resp: 592102
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 15.3 12.2 18.2

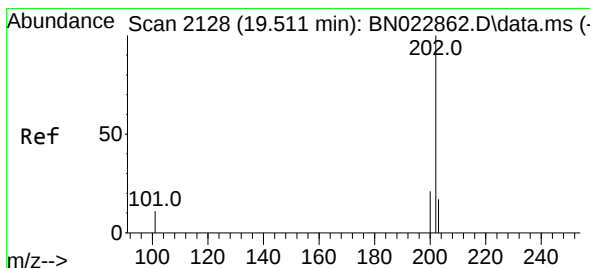
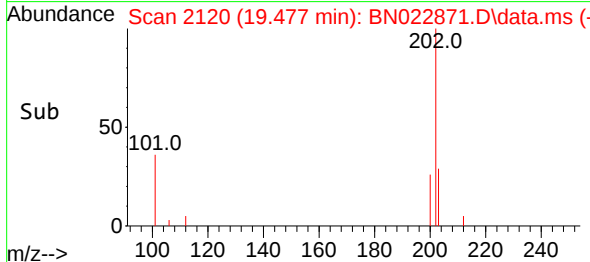
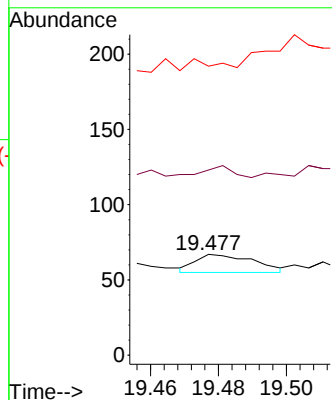
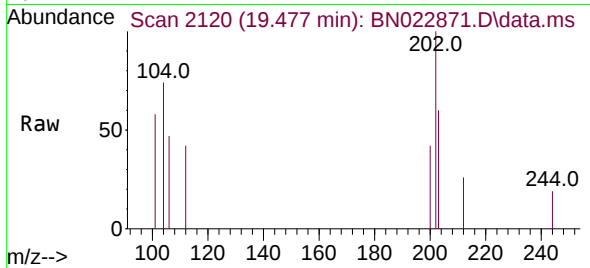




#27
Fluoranthene-d10
Concen: 0.000 ng
RT: 19.477 min Scan# 2121
Delta R.T. -0.004 min
Lab File: BN022871.D
Acq: 25 Nov 2022 22:11

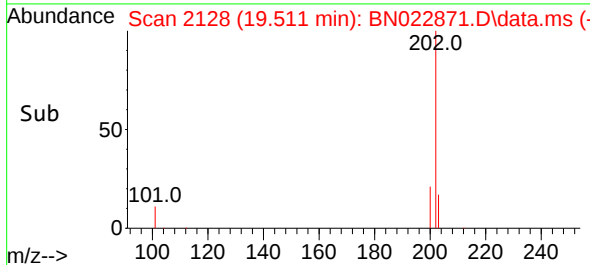
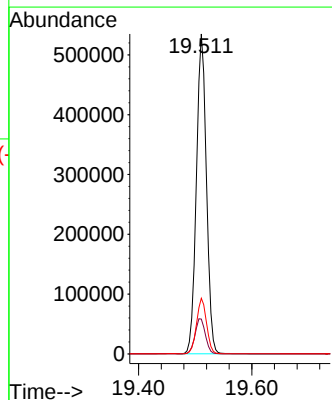
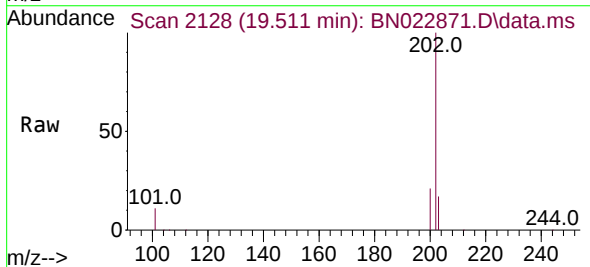
Instrument :
BNA_N
ClientSampleId :

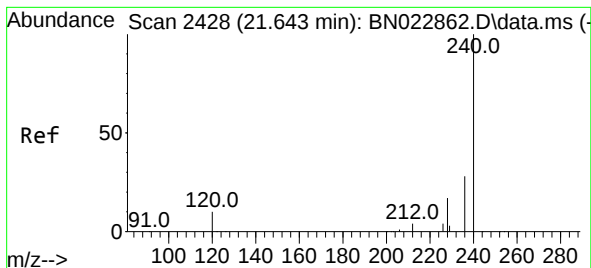
Tgt Ion:212 Resp: 14
Ion Ratio Lower Upper
212 100
106 57.1 12.3 18.5#
104 21.4 7.0 10.4#



#28
Fluoranthene
Concen: 5.858 ng
RT: 19.511 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BN022871.D
Acq: 25 Nov 2022 22:11

Tgt Ion:202 Resp: 653203
Ion Ratio Lower Upper
202 100
101 11.3 9.3 13.9
203 17.3 13.7 20.5





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.634 min Scan# 2427

Delta R.T. -0.009 min

Lab File: BN022871.D

Acq: 25 Nov 2022 22:11

Instrument :

BNA_N

ClientSampleId :

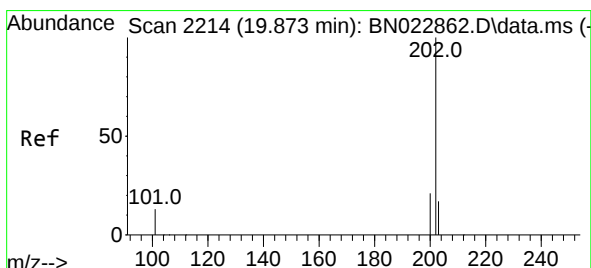
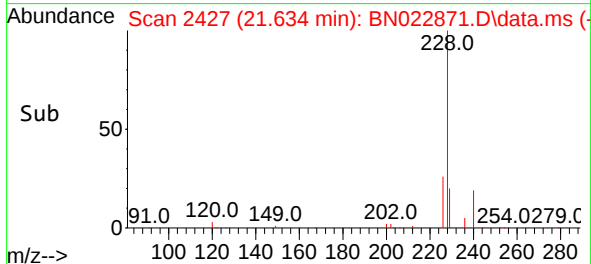
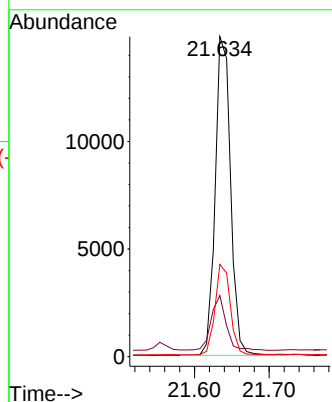
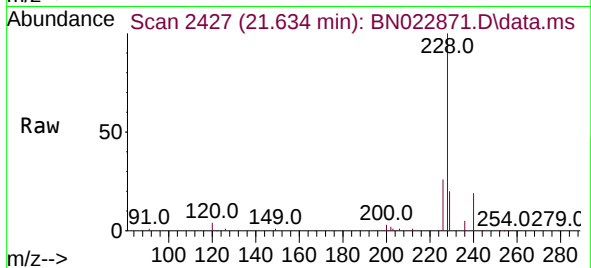
Tgt Ion:240 Resp: 21207

Ion Ratio Lower Upper

240 100

120 19.1 9.2 13.8#

236 28.8 22.6 34.0



#30

Pyrene

Concen: 8.482 ng

RT: 19.873 min Scan# 2214

Delta R.T. 0.000 min

Lab File: BN022871.D

Acq: 25 Nov 2022 22:11

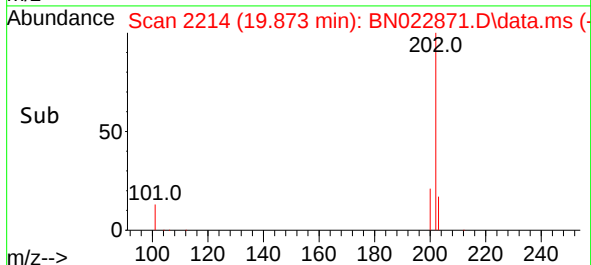
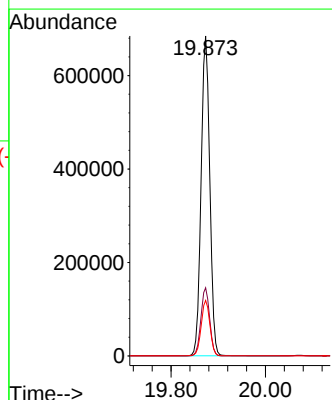
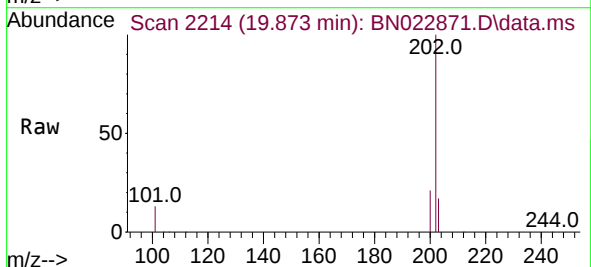
Tgt Ion:202 Resp: 936461

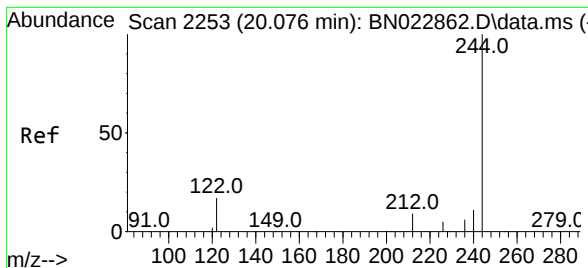
Ion Ratio Lower Upper

202 100

200 19.9 17.0 25.4

203 16.7 14.2 21.2





#31

Terphenyl-d14

Concen: 6.155 ng

RT: 20.076 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN022871.D

Acq: 25 Nov 2022 22:11

Instrument :

BNA_N

ClientSampleId :

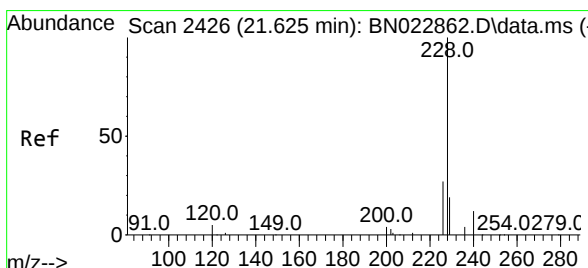
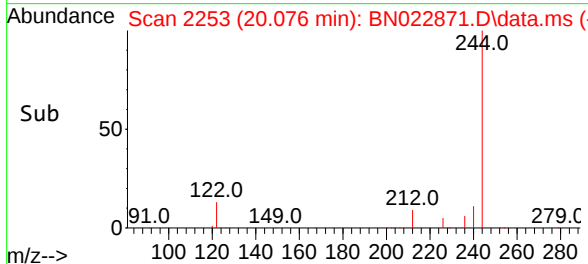
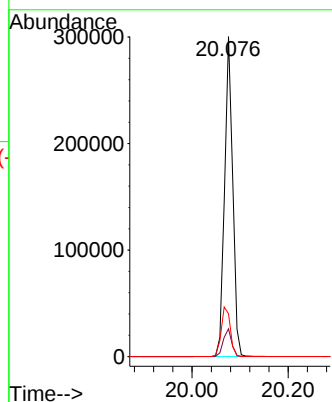
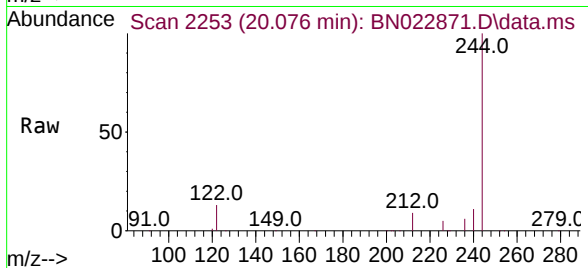
Tgt Ion:244 Resp: 306633

Ion Ratio Lower Upper

244 100

212 8.7 7.9 11.9

122 13.4 13.9 20.9#



#32

Benzo(a)anthracene

Concen: 3.897 ng

RT: 21.625 min Scan# 2426

Delta R.T. 0.000 min

Lab File: BN022871.D

Acq: 25 Nov 2022 22:11

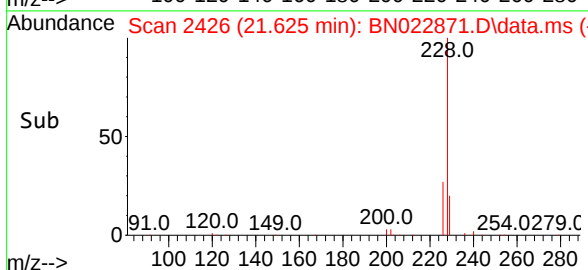
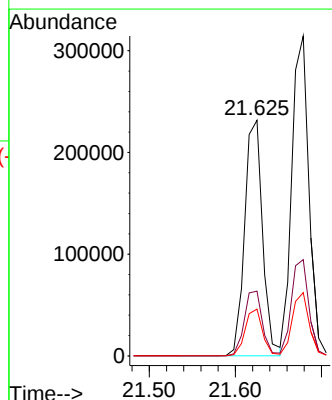
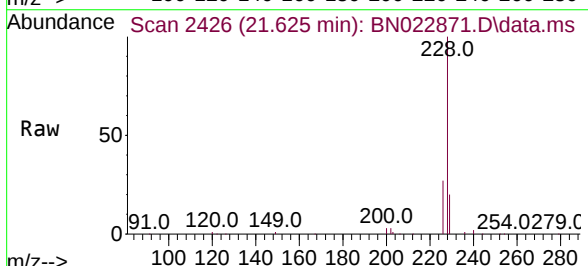
Tgt Ion:228 Resp: 333940

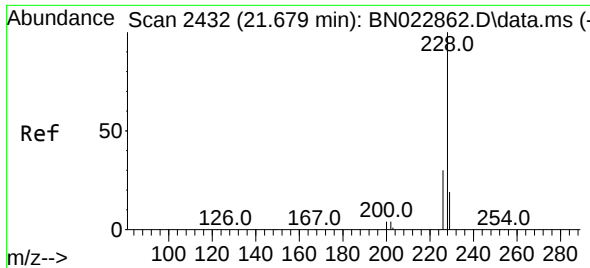
Ion Ratio Lower Upper

228 100

226 27.5 22.1 33.1

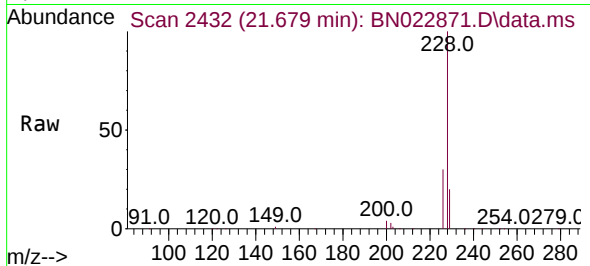
229 19.9 15.8 23.6



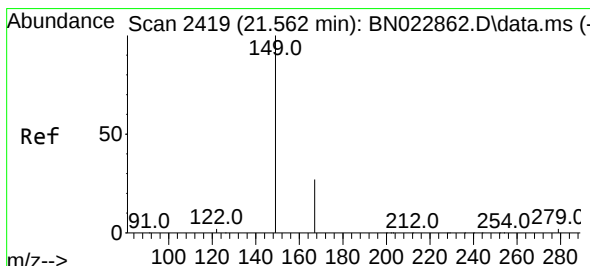
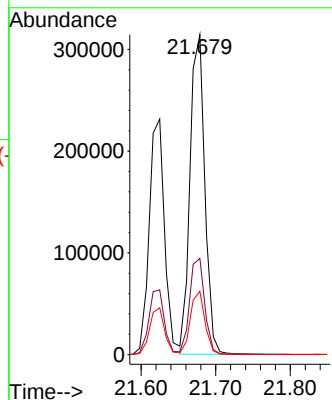
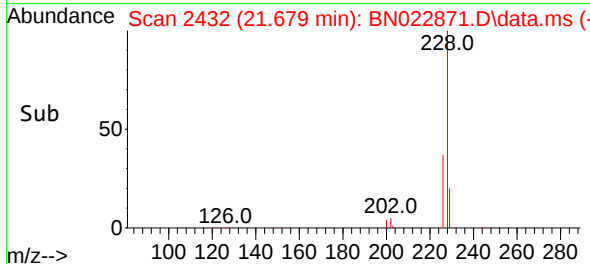


#33
Chrysene
Concen: 4.870 ng
RT: 21.679 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BN022871.D
Acq: 25 Nov 2022 22:11

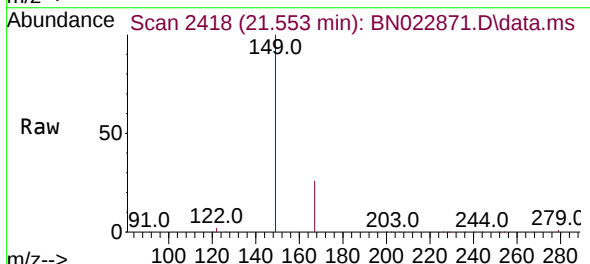
Instrument :
BNA_N
ClientSampleId :



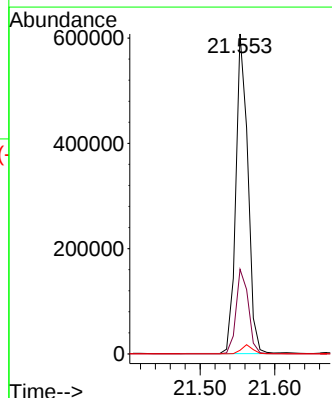
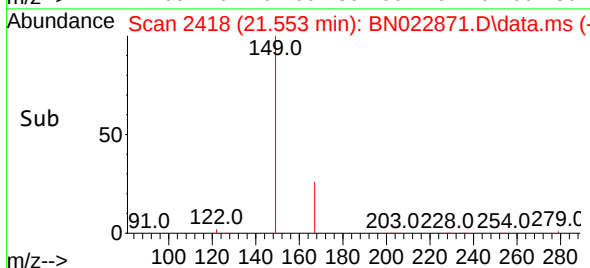
Tgt Ion:228 Resp: 432840
Ion Ratio Lower Upper
228 100
226 30.1 24.5 36.7
229 19.8 15.8 23.6

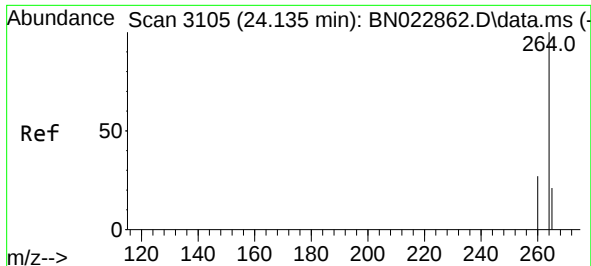


#34
Bis(2-ethylhexyl)phthalate
Concen: 19.793 ng
RT: 21.553 min Scan# 2418
Delta R.T. -0.009 min
Lab File: BN022871.D
Acq: 25 Nov 2022 22:11



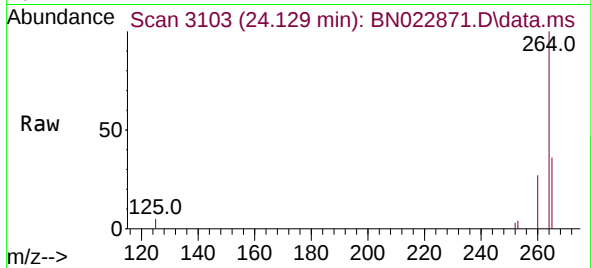
Tgt Ion:149 Resp: 681193
Ion Ratio Lower Upper
149 100
167 27.0 21.3 31.9
279 2.7 2.3 3.5





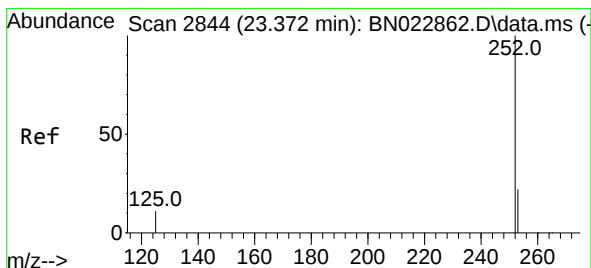
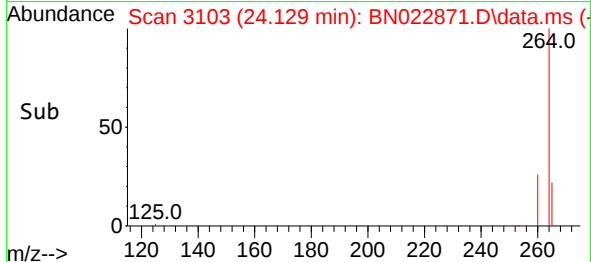
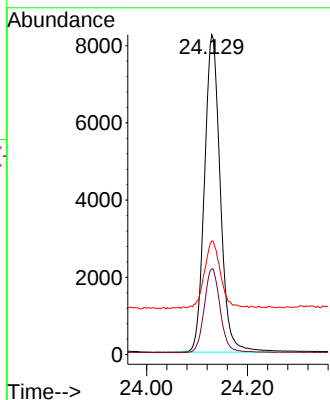
#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.129 min Scan# 3103
 Delta R.T. -0.006 min
 Lab File: BN022871.D
 Acq: 25 Nov 2022 22:11

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:264 Resp: 17874

Ion	Ratio	Lower	Upper
264	100		
260	26.8	21.7	32.5
265	35.5	31.0	46.4



#37
 Benzo(b)fluoranthene
 Concen: 5.256 ng
 RT: 23.369 min Scan# 2843
 Delta R.T. -0.003 min
 Lab File: BN022871.D
 Acq: 25 Nov 2022 22:11

Tgt Ion:252 Resp: 419366

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.5	27.7
125	11.2	10.8	16.2

