

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090122\
 Data File : BN021550.D
 Acq On : 02 Sep 2022 07:29
 Operator : CG/JU
 Sample : N4357-15
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D3-20220823

Quant Time: Sep 02 08:01:20 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 00:53:31 2022
 Response via : Initial Calibration

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

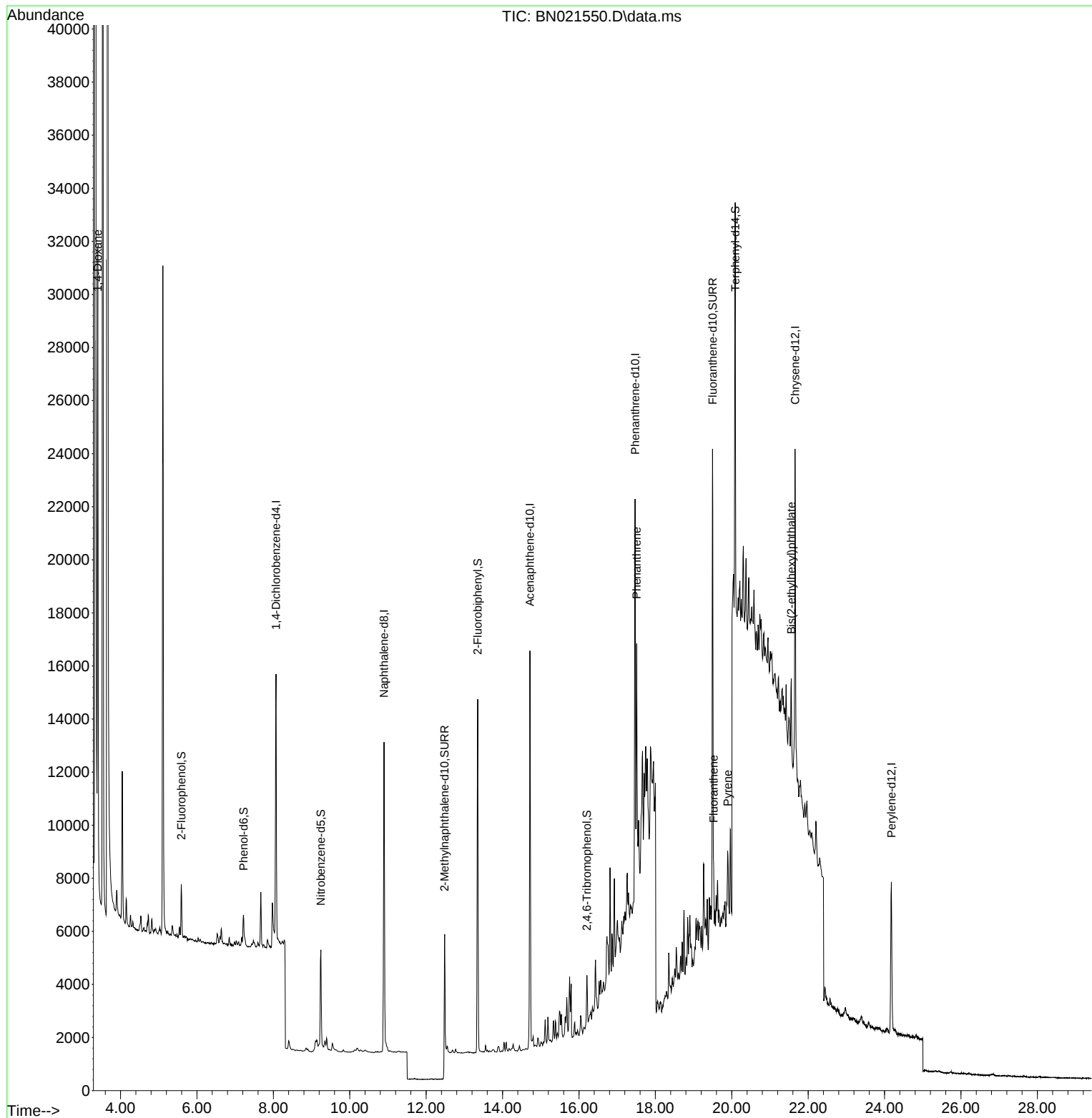
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	4873	0.400	ng	0.00
7) Naphthalene-d8	10.898	136	15521	0.400	ng	0.00
13) Acenaphthene-d10	14.718	164	8249	0.400	ng	0.00
19) Phenanthrene-d10	17.470	188	18400	0.400	ng	# 0.00
29) Chrysene-d12	21.655	240	10937	0.400	ng	# 0.00
35) Perylene-d12	24.176	264	8938	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.592	112	1670	0.175	ng	0.00
5) Phenol-d6	7.217	99	1217	0.100	ng	0.00
8) Nitrobenzene-d5	9.243	82	3368	0.321	ng	0.00
11) 2-Methylnaphthalene-d10	12.482	152	12690	0.363	ng	0.00
14) 2,4,6-Tribromophenol	16.208	330	881	0.325	ng	-0.01
15) 2-Fluorobiphenyl	13.349	172	11884	0.330	ng	0.00
27) Fluoranthene-d10	19.497	212	18671	0.395	ng	0.00
31) Terphenyl-d14	20.088	244	12807	0.521	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.403	88	14247	2.338	ng	# 91
25) Phenanthrene	17.511	178	9857	0.155	ng	# 82
28) Fluoranthene	19.527	202	1615	0.024	ng	# 75
30) Pyrene	19.893	202	3223	0.055	ng	# 74
34) Bis(2-ethylhexyl)phtha...	21.557	149	2760	0.180	ng	# 84

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

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Instrument :
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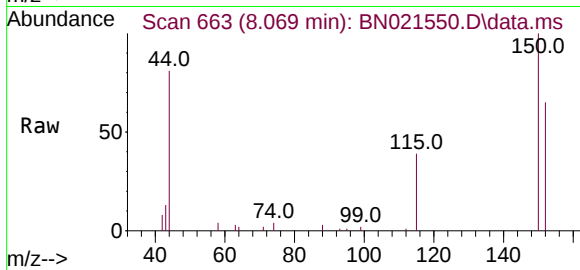
Quant Time: Sep 02 08:01:20 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 00:53:31 2022
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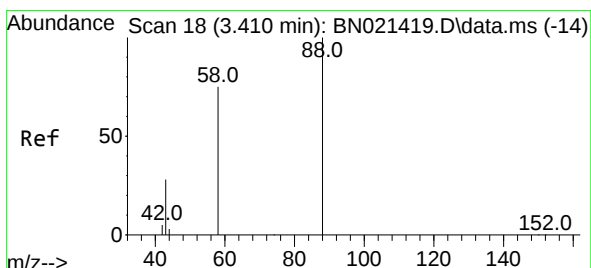
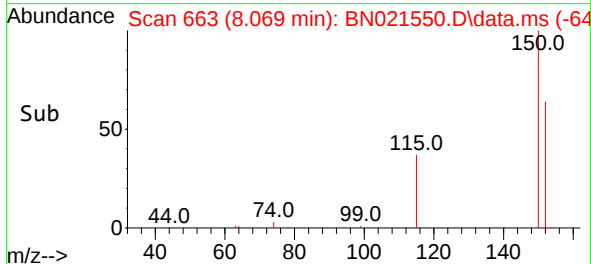
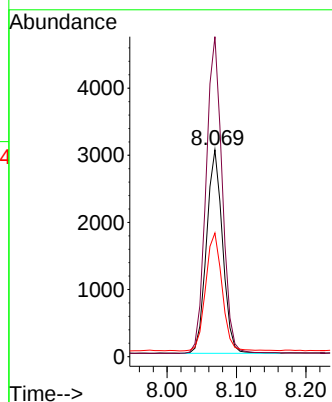
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.069 min Scan# 60
 Delta R.T. -0.000 min
 Lab File: BN021550.D
 Acq: 02 Sep 2022 07:29

Instrument :
 BNA_N
 ClientSampleId :
 RE125D3-20220823



Tgt Ion:152 Resp: 4873

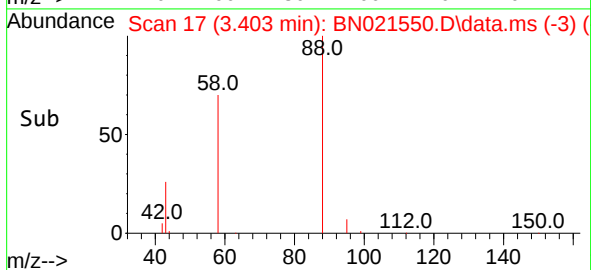
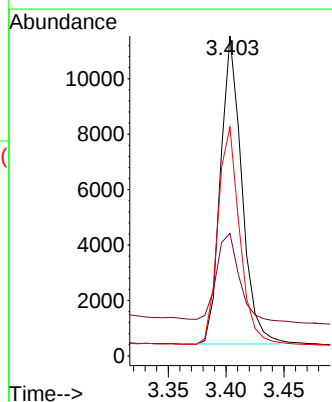
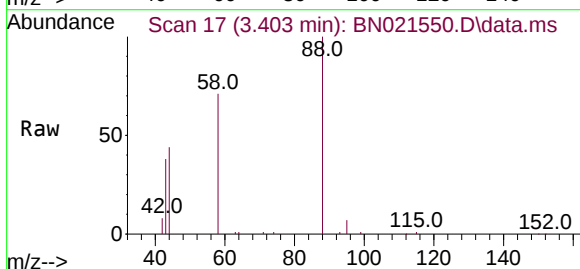
Ion	Ratio	Lower	Upper
152	100		
150	154.7	121.4	182.0
115	59.8	48.6	72.8



#2
 1,4-Dioxane
 Concen: 2.338 ng
 RT: 3.403 min Scan# 17
 Delta R.T. 0.000 min
 Lab File: BN021550.D
 Acq: 02 Sep 2022 07:29

Tgt Ion: 88 Resp: 14247

Ion	Ratio	Lower	Upper
88	100		
43	30.1	35.8	53.8
58	72.2	57.1	85.7

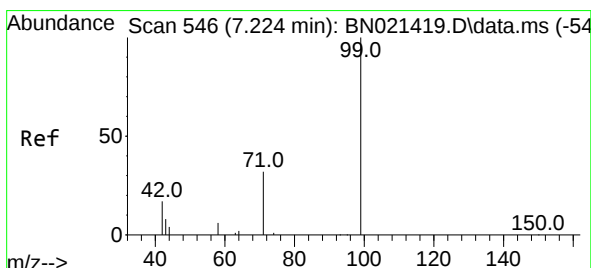
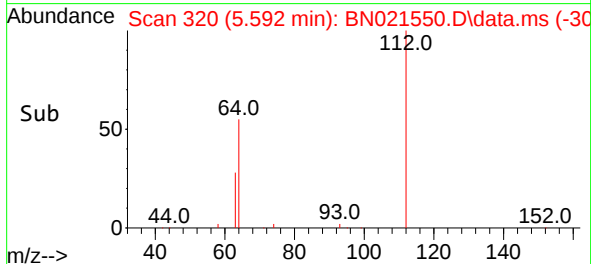
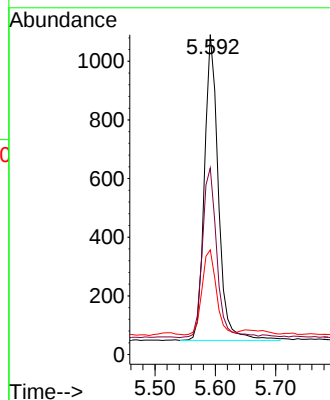
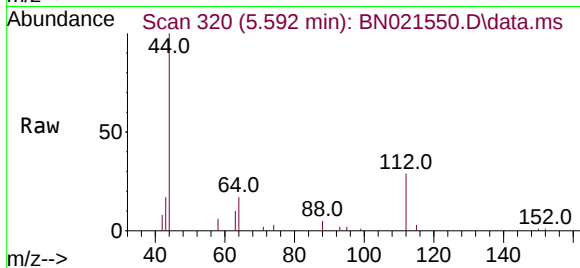




#4
2-Fluorophenol
Concen: 0.175 ng
RT: 5.592 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN021550.D
Acq: 02 Sep 2022 07:29

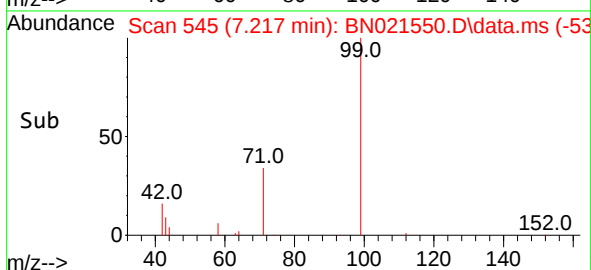
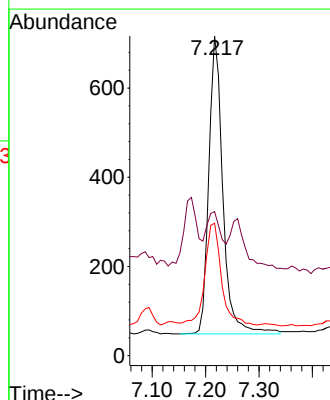
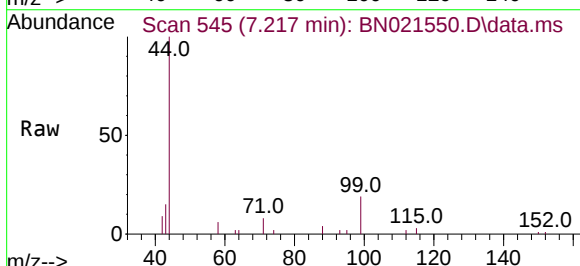
Instrument :
BNA_N
ClientSampleId :
RE125D3-20220823

Tgt Ion:112 Resp: 1670
Ion Ratio Lower Upper
112 100
64 57.4 43.5 65.3
63 28.6 22.6 34.0



#5
Phenol-d6
Concen: 0.100 ng
RT: 7.217 min Scan# 545
Delta R.T. 0.000 min
Lab File: BN021550.D
Acq: 02 Sep 2022 07:29

Tgt Ion: 99 Resp: 1217
Ion Ratio Lower Upper
99 100
42 19.4 15.5 23.3
71 40.3 24.2 36.2#

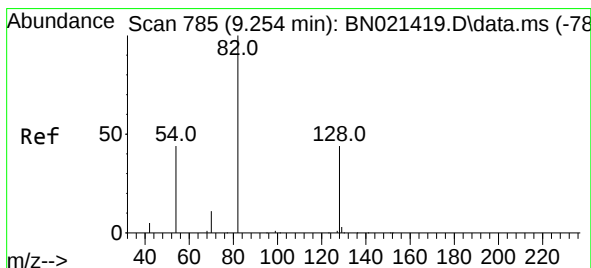
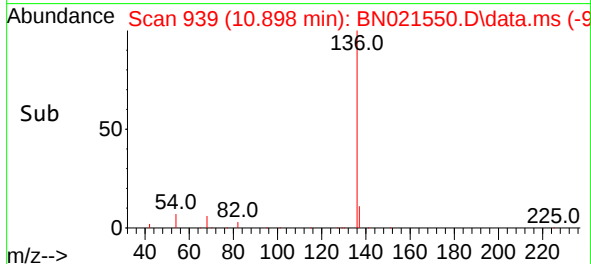
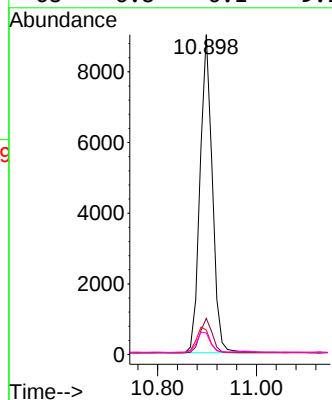
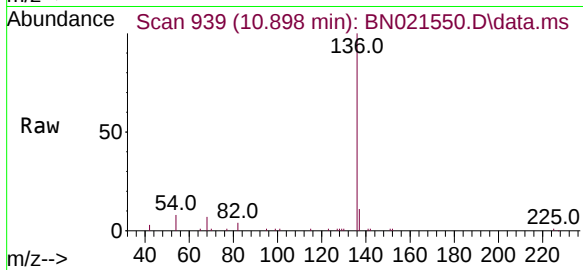




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.898 min Scan# 940
Delta R.T. 0.000 min
Lab File: BN021550.D
Acq: 02 Sep 2022 07:29

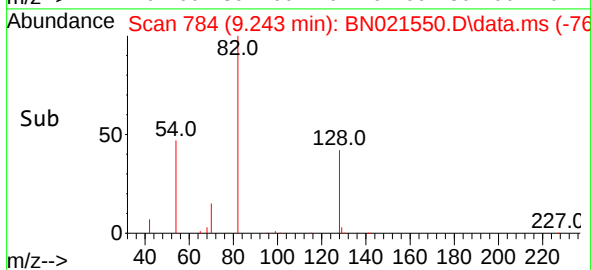
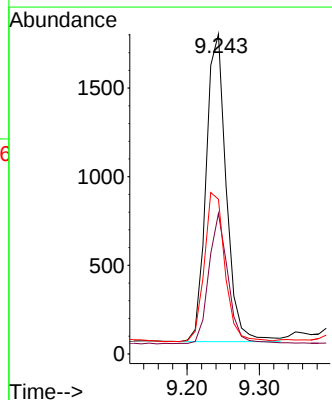
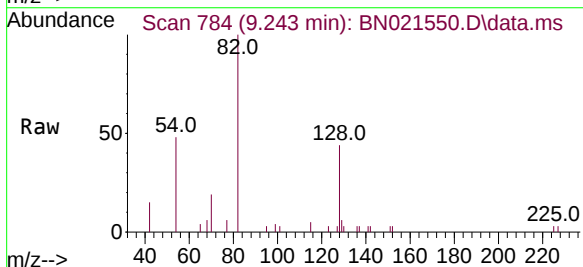
Instrument :
BNA_N
ClientSampleId :
RE125D3-20220823

Tgt Ion:136	Resp:	15521
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.3 13.9
54	7.7	6.9 10.3
68	6.8	6.1 9.1



#8
Nitrobenzene-d5
Concen: 0.321 ng
RT: 9.243 min Scan# 784
Delta R.T. 0.000 min
Lab File: BN021550.D
Acq: 02 Sep 2022 07:29

Tgt Ion: 82	Resp:	3368
Ion Ratio	Lower	Upper
82	100	
128	43.9	30.9 46.3
54	48.3	42.7 64.1

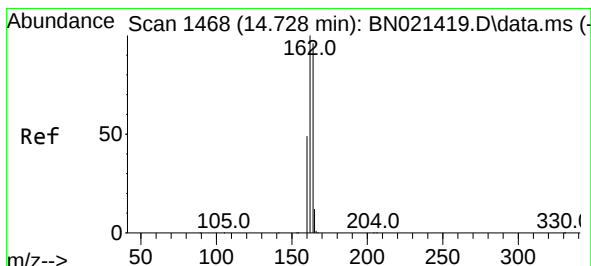
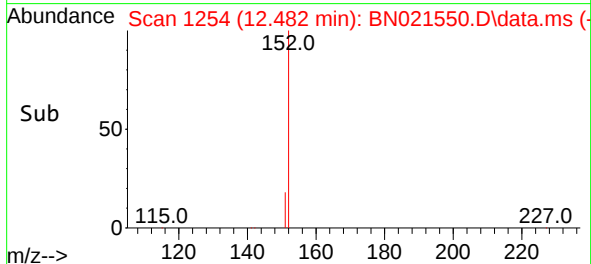
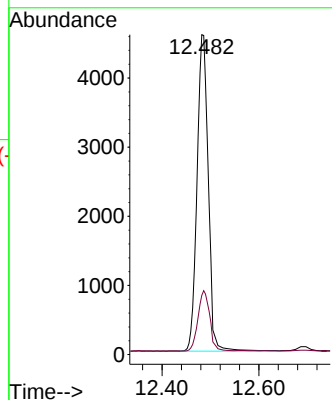
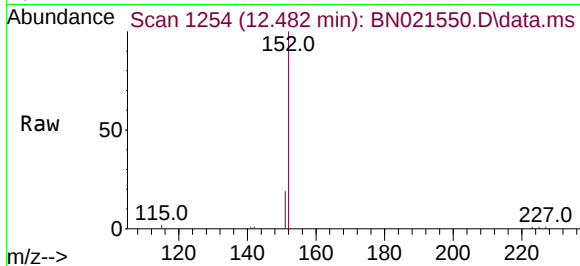




#11
2-Methylnaphthalene-d10
Concen: 0.363 ng
RT: 12.482 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN021550.D
Acq: 02 Sep 2022 07:29

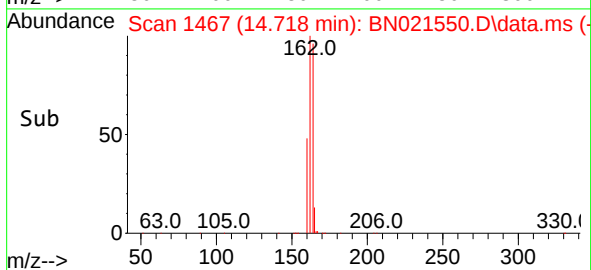
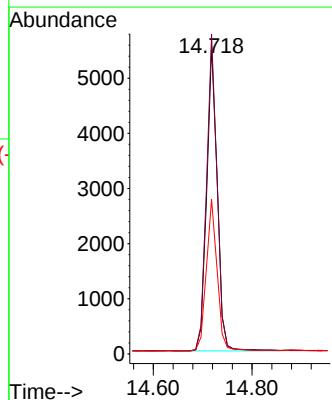
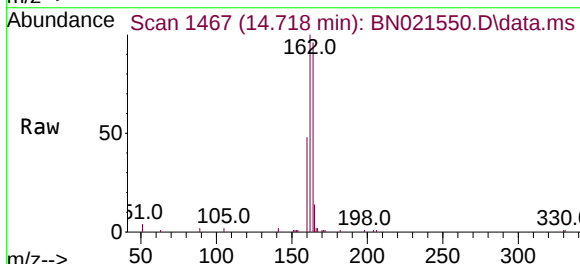
Instrument :
BNA_N
ClientSampleId :
RE125D3-20220823

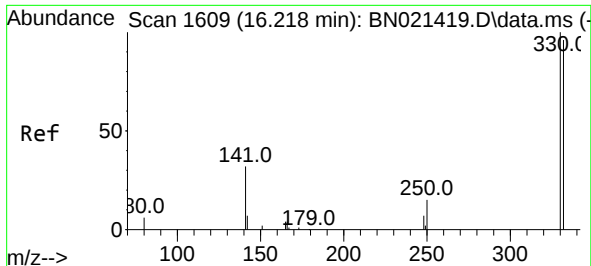
Tgt Ion:152 Resp: 12690
Ion Ratio Lower Upper
152 100
151 20.4 14.5 21.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.718 min Scan# 1467
Delta R.T. 0.000 min
Lab File: BN021550.D
Acq: 02 Sep 2022 07:29

Tgt Ion:164 Resp: 8249
Ion Ratio Lower Upper
164 100
162 104.0 82.2 123.4
160 50.2 39.5 59.3

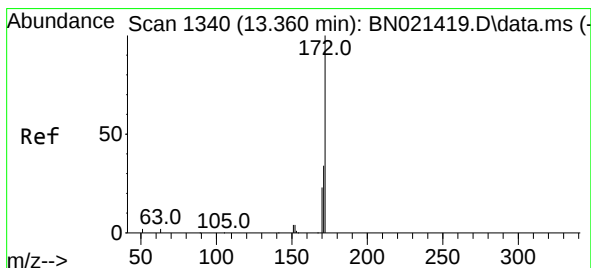
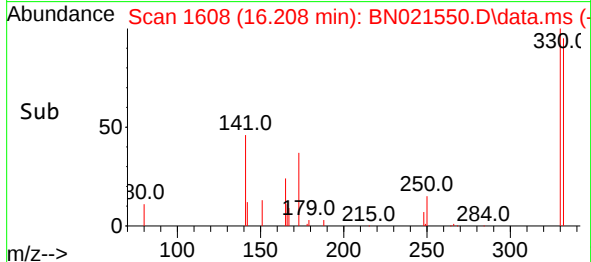
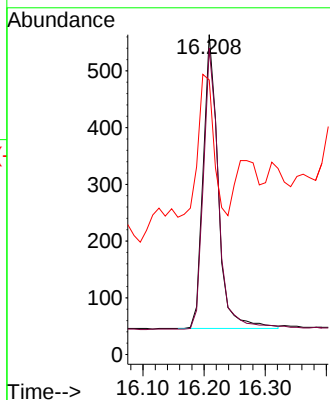
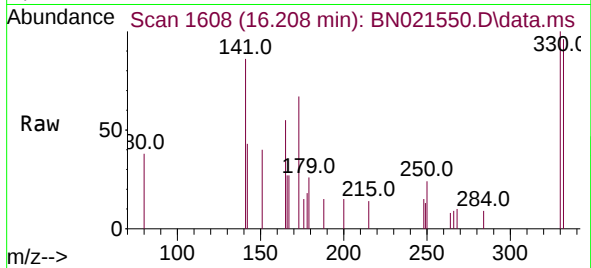




#14
2,4,6-Tribromophenol
Concen: 0.325 ng
RT: 16.208 min Scan# 1608
Delta R.T. -0.010 min
Lab File: BN021550.D
Acq: 02 Sep 2022 07:29

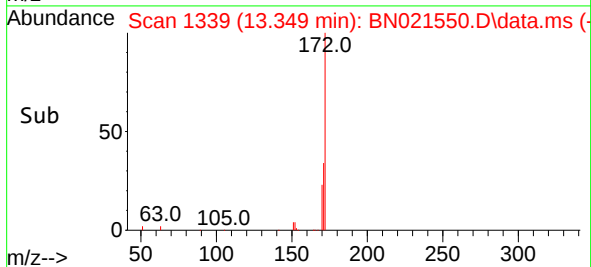
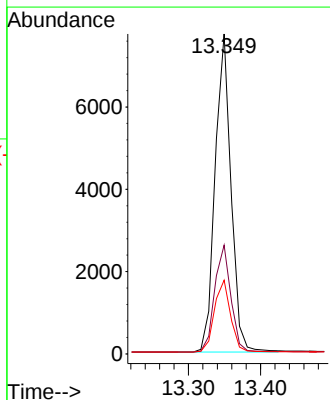
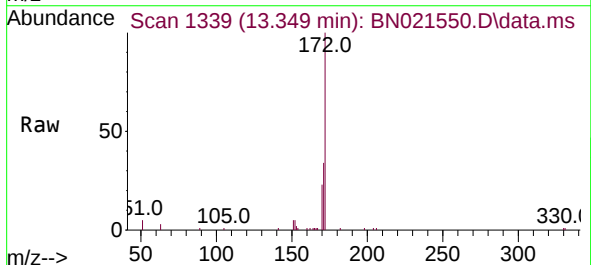
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ClientSampleId :
RE125D3-20220823

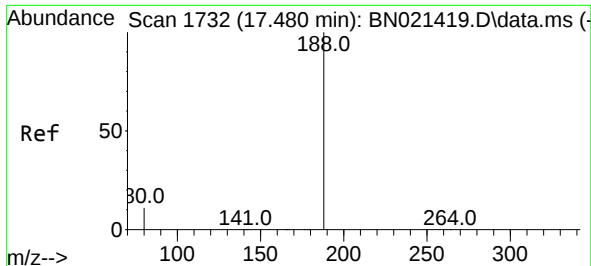
Tgt Ion:330 Resp: 881
Ion Ratio Lower Upper
330 100
332 97.0 79.3 118.9
141 49.7 37.1 55.7



#15
2-Fluorobiphenyl
Concen: 0.330 ng
RT: 13.349 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BN021550.D
Acq: 02 Sep 2022 07:29

Tgt Ion:172 Resp: 11884
Ion Ratio Lower Upper
172 100
171 34.0 27.8 41.6
170 23.0 18.6 28.0





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.470 min Scan# 1731

Delta R.T. 0.000 min

Lab File: BN021550.D

Acq: 02 Sep 2022 07:29

Instrument :

BNA_N

ClientSampleId :

RE125D3-20220823

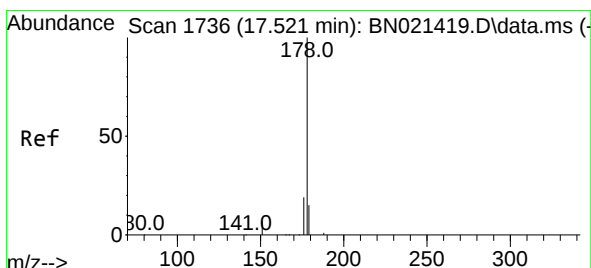
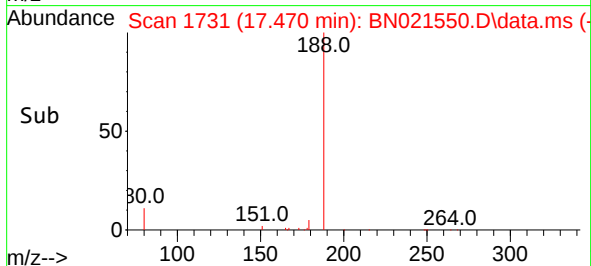
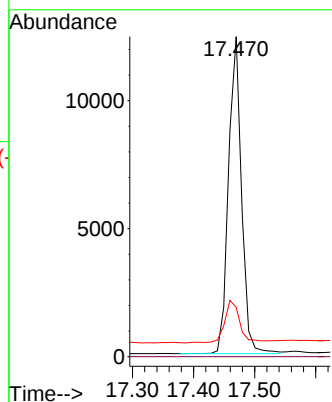
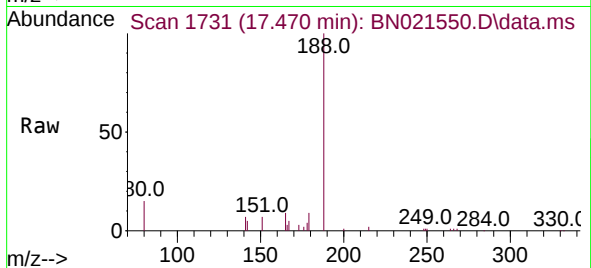
Tgt Ion:188 Resp: 18400

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 15.4 9.5 14.3#



#25

Phenanthrene

Concen: 0.155 ng

RT: 17.511 min Scan# 1735

Delta R.T. 0.000 min

Lab File: BN021550.D

Acq: 02 Sep 2022 07:29

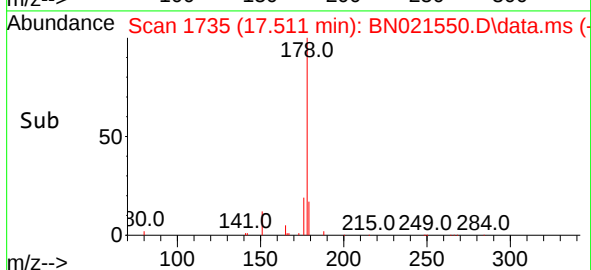
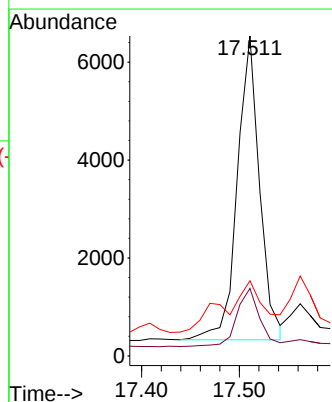
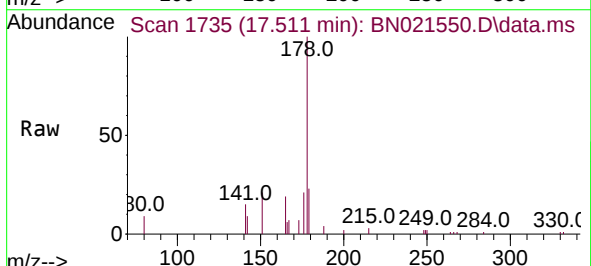
Tgt Ion:178 Resp: 9857

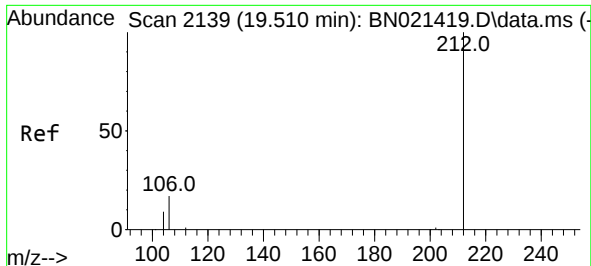
Ion Ratio Lower Upper

178 100

176 19.9 15.4 23.2

179 31.1 12.2 18.4#

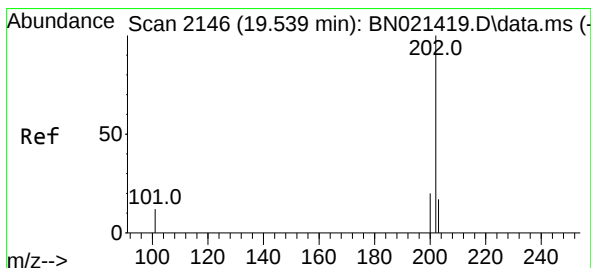
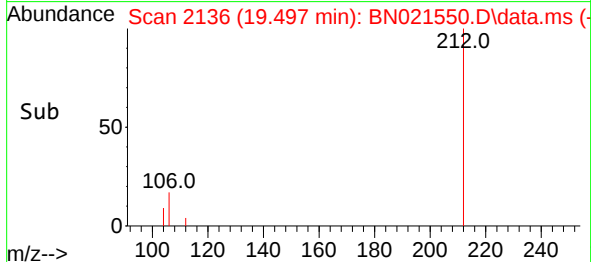
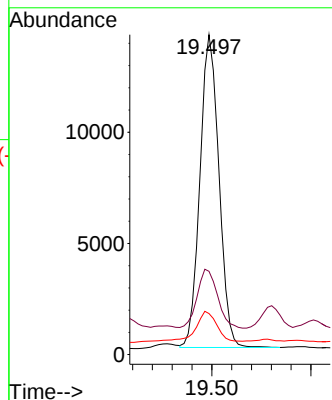
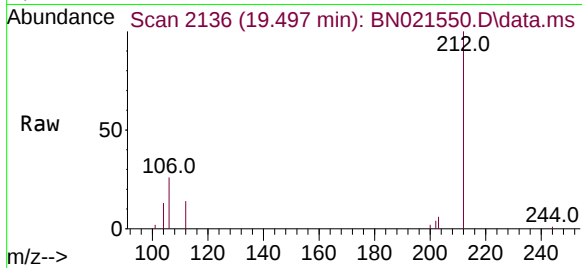




#27
Fluoranthene-d10
Concen: 0.395 ng
RT: 19.497 min Scan# 2136
Delta R.T. -0.004 min
Lab File: BN021550.D
Acq: 02 Sep 2022 07:29

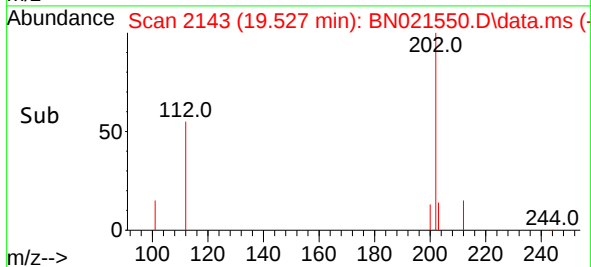
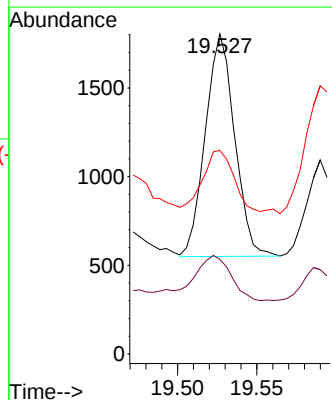
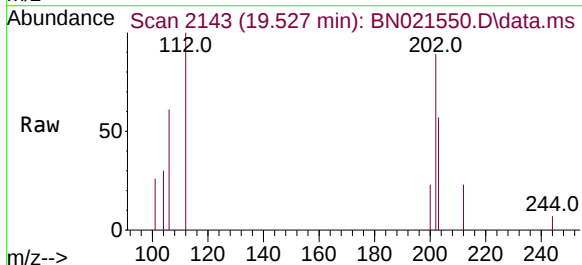
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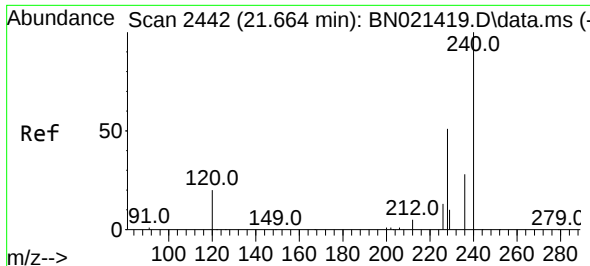
Tgt Ion:212 Resp: 18671
Ion Ratio Lower Upper
212 100
106 20.1 14.2 21.2
104 12.1 7.8 11.6#



#28
Fluoranthene
Concen: 0.024 ng
RT: 19.527 min Scan# 2143
Delta R.T. -0.004 min
Lab File: BN021550.D
Acq: 02 Sep 2022 07:29

Tgt Ion:202 Resp: 1615
Ion Ratio Lower Upper
202 100
101 24.6 10.9 16.3#
203 27.1 13.8 20.6#

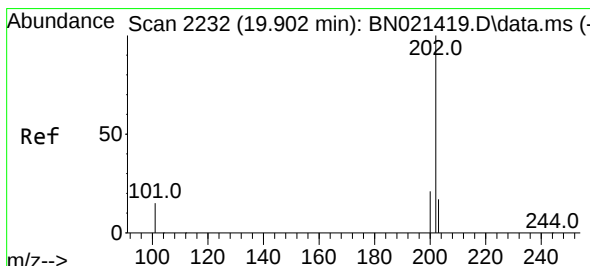
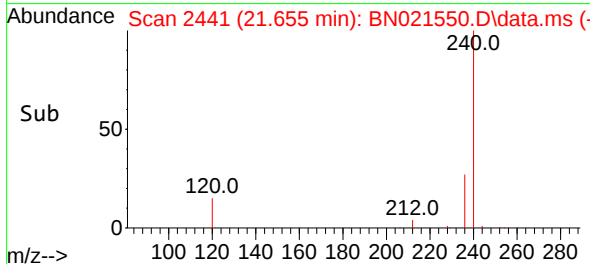
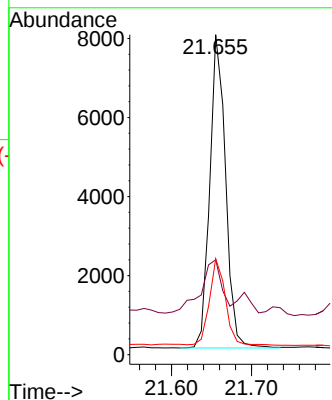
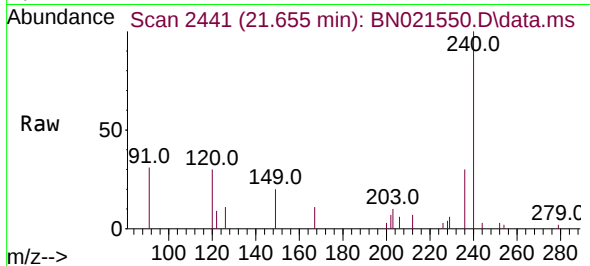




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.655 min Scan# 2441
Delta R.T. -0.009 min
Lab File: BN021550.D
Acq: 02 Sep 2022 07:29

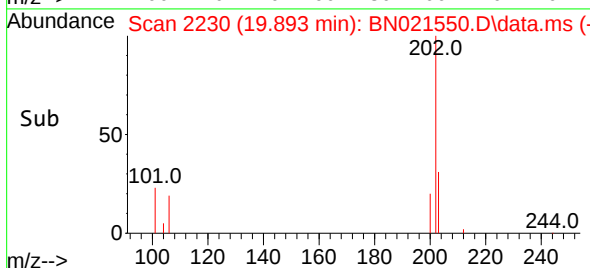
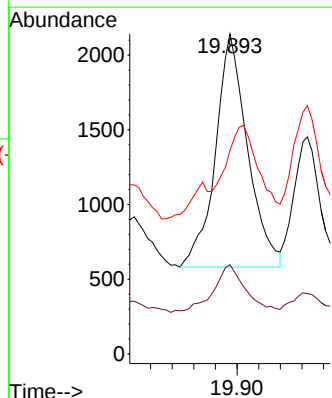
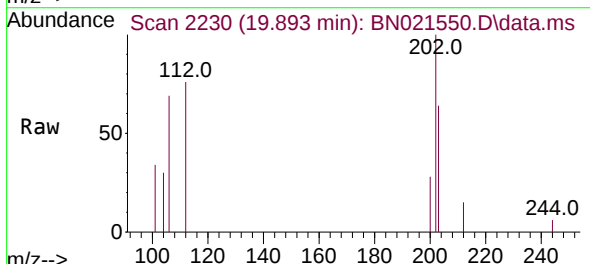
Instrument :
BNA_N
ClientSampleId :
RE125D3-20220823

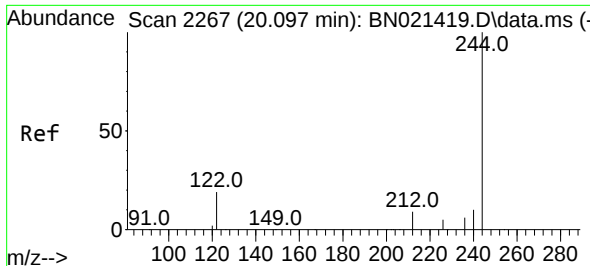
Tgt Ion:240 Resp: 10937
Ion Ratio Lower Upper
240 100
120 29.6 10.2 15.4#
236 30.0 22.1 33.1



#30
Pyrene
Concen: 0.055 ng
RT: 19.893 min Scan# 2230
Delta R.T. -0.004 min
Lab File: BN021550.D
Acq: 02 Sep 2022 07:29

Tgt Ion:202 Resp: 3223
Ion Ratio Lower Upper
202 100
200 20.6 13.9 20.9
203 34.8 11.9 17.9#

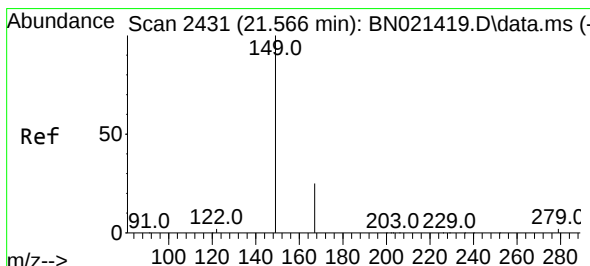
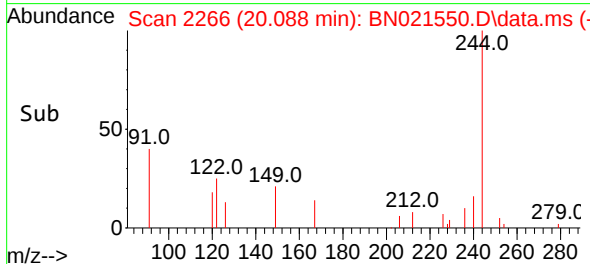
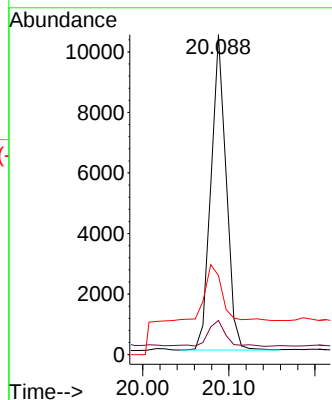
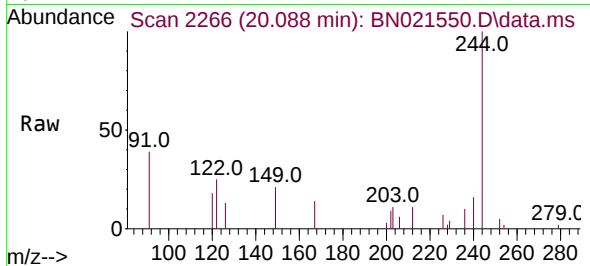




#31
 Terphenyl-d14
 Concen: 0.521 ng
 RT: 20.088 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN021550.D
 Acq: 02 Sep 2022 07:29

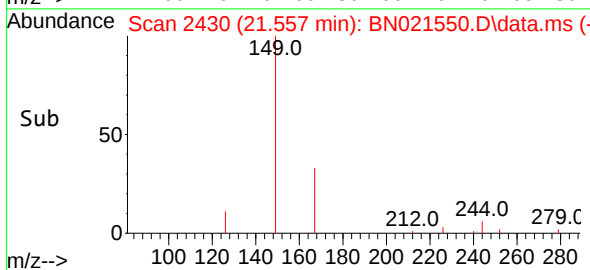
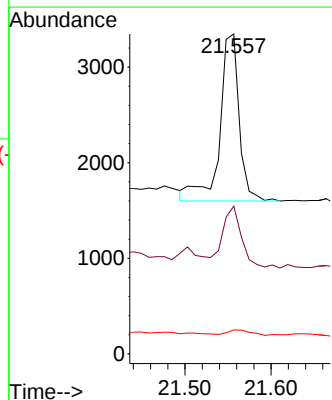
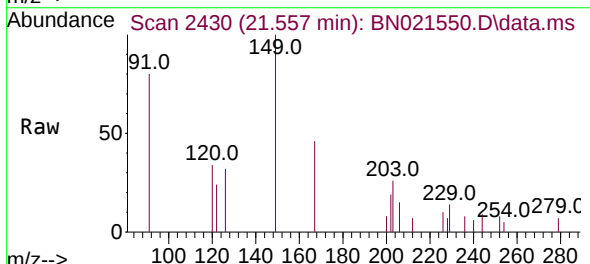
Instrument :
 BNA_N
 ClientSampleId :
 RE125D3-20220823

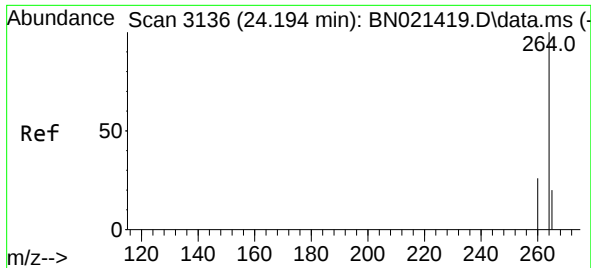
Tgt Ion:244 Resp: 12807
 Ion Ratio Lower Upper
 244 100
 212 10.7 6.5 9.7#
 122 24.7 9.1 13.7#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.180 ng
 RT: 21.557 min Scan# 2430
 Delta R.T. 0.000 min
 Lab File: BN021550.D
 Acq: 02 Sep 2022 07:29

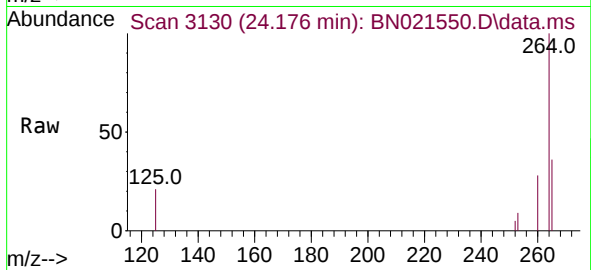
Tgt Ion:149 Resp: 2760
 Ion Ratio Lower Upper
 149 100
 167 35.9 21.4 32.0#
 279 3.0 2.2 3.2





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.176 min Scan# 31
 Delta R.T. -0.009 min
 Lab File: BN021550.D
 Acq: 02 Sep 2022 07:29

Instrument :
 BNA_N
 ClientSampleId :
 RE125D3-20220823



Tgt Ion:264 Resp: 8938

Ion	Ratio	Lower	Upper
264	100		
260	27.9	21.0	31.6
265	36.5	32.2	48.2

