

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
 Data File : BN017949.D
 Acq On : 12 Dec 2021 21:29
 Operator : CG/JU
 Sample : PB141233BL
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB141233BL

Quant Time: Dec 13 00:41:29 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 11 00:01:30 2021
 Response via : Initial Calibration

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

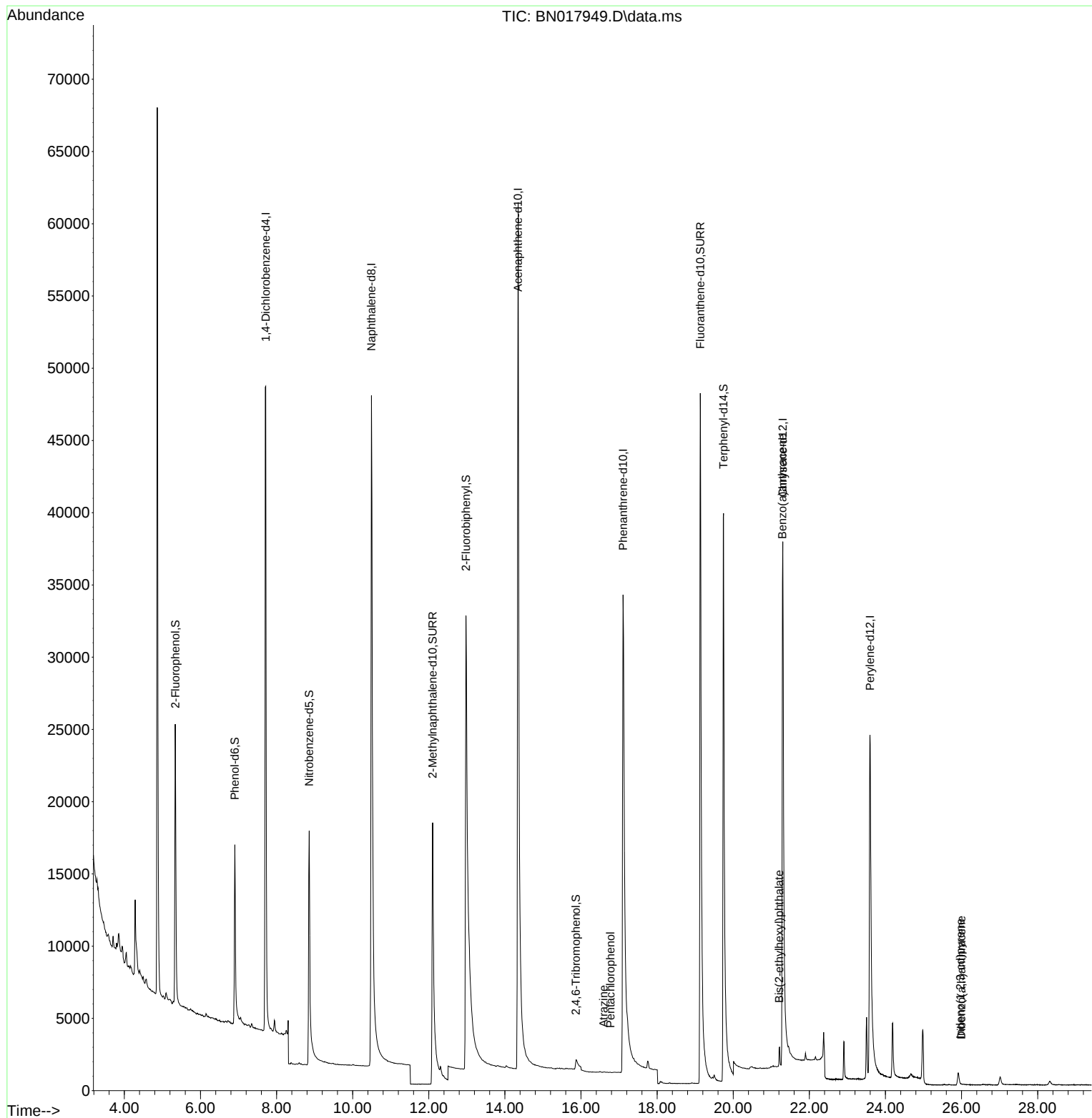
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.714	152	29002	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	107721	0.400	ng	# 0.00
13) Acenaphthene-d10	14.347	164	63504	0.400	ng	0.01
19) Phenanthrene-d10	17.104	188	114900	0.400	ng	# 0.01
29) Chrysene-d12	21.303	240	76747	0.400	ng	0.01
35) Perylene-d12	23.596	264	55811	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.345	112	18824	0.315	ng	0.02
5) Phenol-d6	6.903	99	14086	0.237	ng	0.00
8) Nitrobenzene-d5	8.859	82	20776	0.295	ng	0.00
11) 2-Methylnaphthalene-d10	12.103	152	52534	0.277	ng	0.01
14) 2,4,6-Tribromophenol	15.869	330	1480	0.375	ng	0.03
15) 2-Fluorobiphenyl	12.977	172	59316	0.265	ng	0.01
27) Fluoranthene-d10	19.134	212	114737	0.308	ng	0.00
31) Terphenyl-d14	19.745	244	87929	0.465	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.489	198	3	Below Cal		Qvalue 85
23) Atrazine	16.593	200	5	0.091 ng	#	3
24) Pentachlorophenol	16.776	266	4	0.083 ng	#	7
32) Benzo(a)anthracene	21.293	228	340	0.051 ng	#	39
34) Bis(2-ethylhexyl)phtha...	21.208	149	1679	0.020 ng	#	99
36) Indeno(1,2,3-cd)pyrene	25.971	276	2	0.089 ng	#	1
40) Dibenzo(a,h)anthracene	25.992	278	2	0.101 ng	#	1

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

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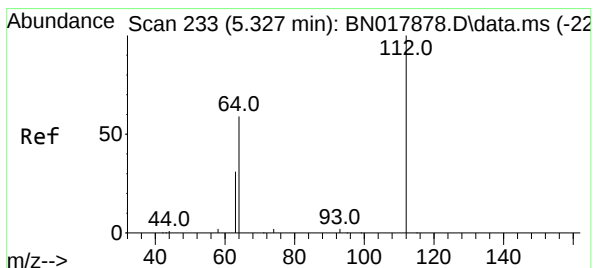
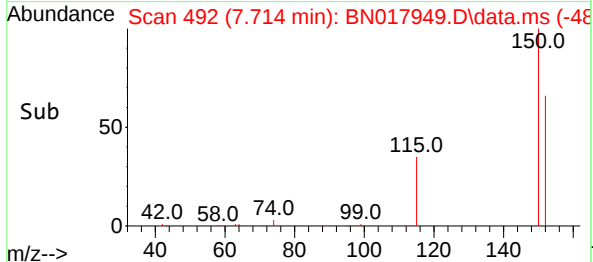
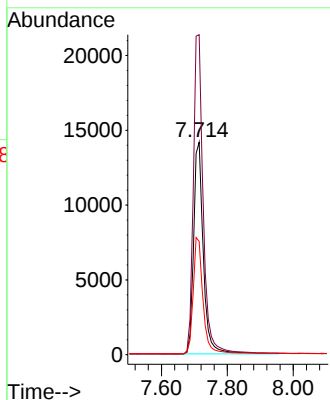
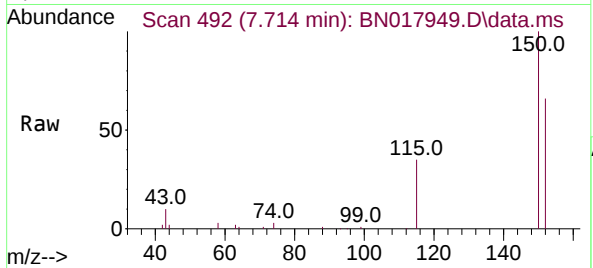




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.714 min Scan# 491
 Delta R.T. -0.001 min
 Lab File: BN017949.D
 Acq: 12 Dec 2021 21:29

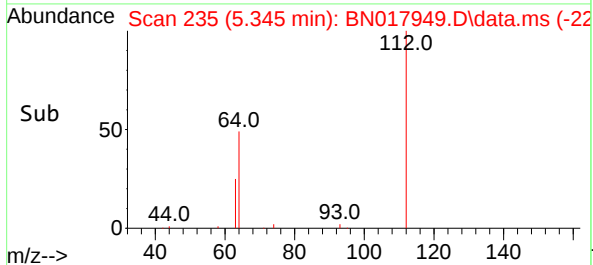
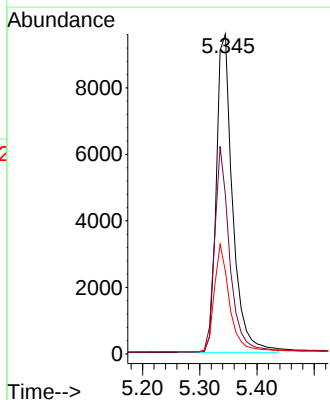
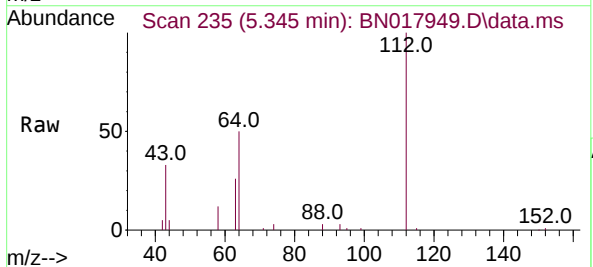
Instrument :
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 ClientSampleId :
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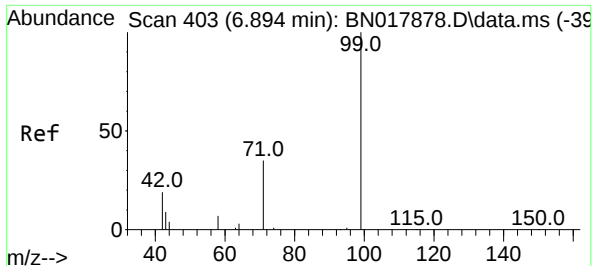
Tgt Ion:152 Resp: 29002
 Ion Ratio Lower Upper
 152 100
 150 150.6 121.9 182.9
 115 53.3 44.1 66.1



#4
 2-Fluorophenol
 Concen: 0.315 ng
 RT: 5.345 min Scan# 235
 Delta R.T. 0.018 min
 Lab File: BN017949.D
 Acq: 12 Dec 2021 21:29

Tgt Ion:112 Resp: 18824
 Ion Ratio Lower Upper
 112 100
 64 60.1 49.0 73.4
 63 31.8 26.2 39.2

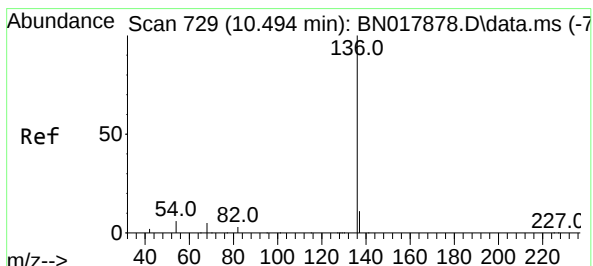
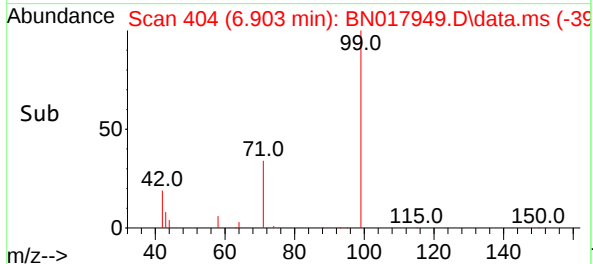
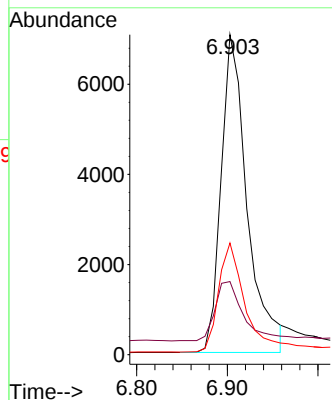
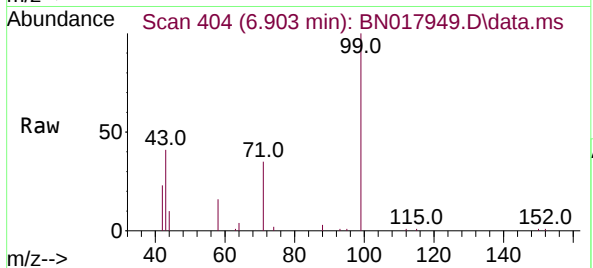




#5
Phenol-d6
Concen: 0.237 ng
RT: 6.903 min Scan# 403
Delta R.T. 0.009 min
Lab File: BN017949.D
Acq: 12 Dec 2021 21:29

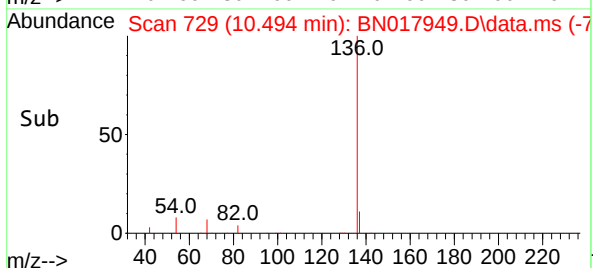
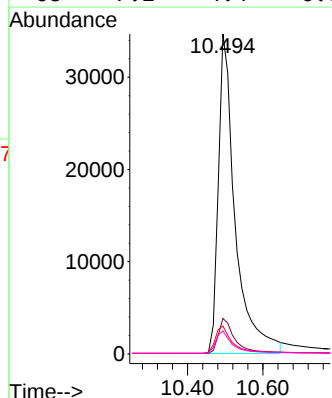
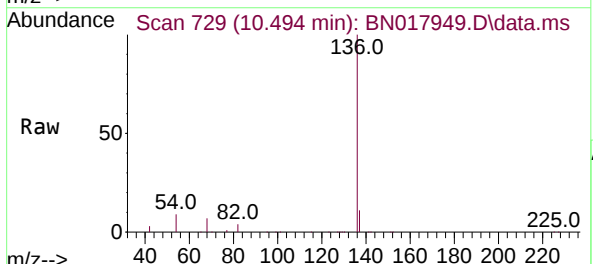
Instrument :
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ClientSampleId :
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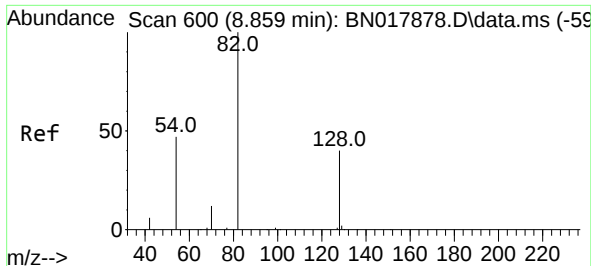
Tgt Ion: 99 Resp: 14086
Ion Ratio Lower Upper
99 100
42 20.2 17.0 25.4
71 34.5 28.0 42.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. -0.000 min
Lab File: BN017949.D
Acq: 12 Dec 2021 21:29

Tgt Ion: 136 Resp: 107721
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.7 5.1 7.7#
68 7.2 4.4 6.6#

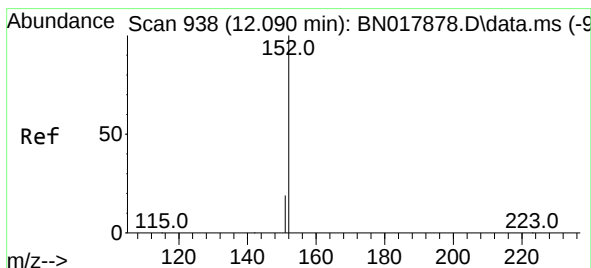
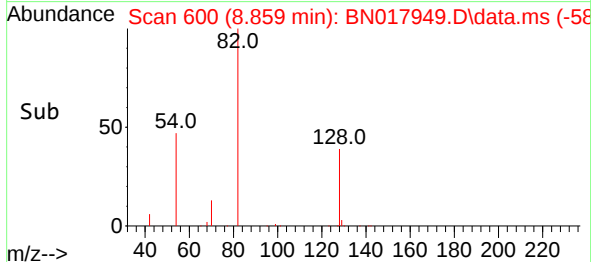
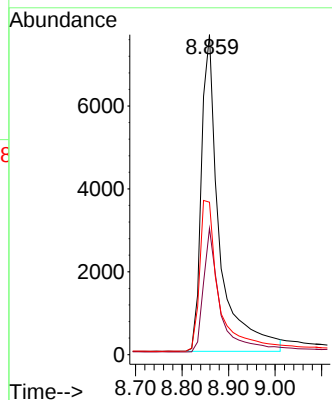
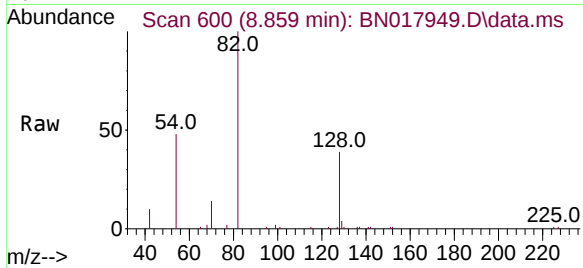




#8
Nitrobenzene-d5
Concen: 0.295 ng
RT: 8.859 min Scan# 600
Delta R.T. -0.000 min
Lab File: BN017949.D
Acq: 12 Dec 2021 21:29

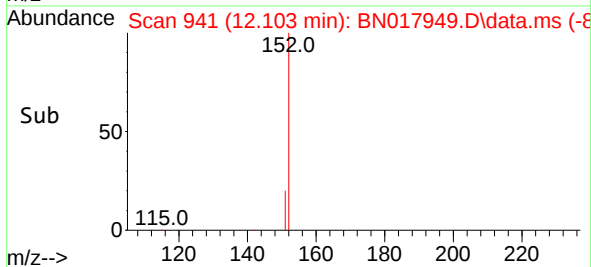
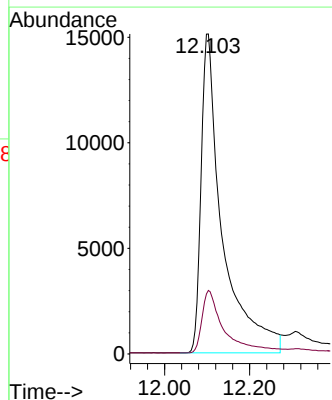
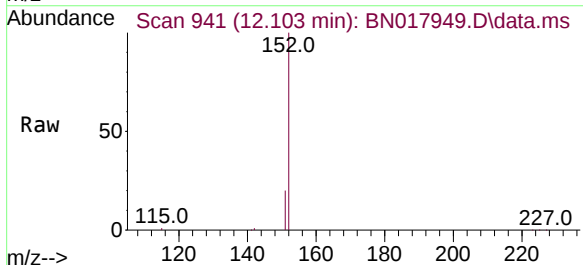
Instrument :
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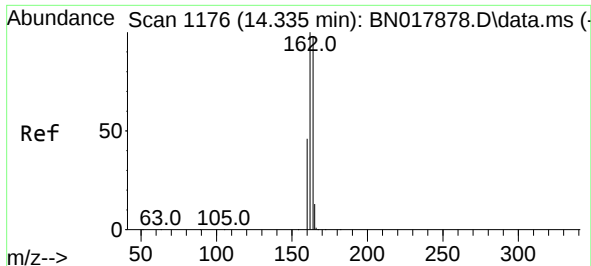
Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.5	32.2	48.4
54	47.6	37.6	56.4



#11
2-Methylnaphthalene-d10
Concen: 0.277 ng
RT: 12.103 min Scan# 941
Delta R.T. 0.013 min
Lab File: BN017949.D
Acq: 12 Dec 2021 21:29

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.4	24.6

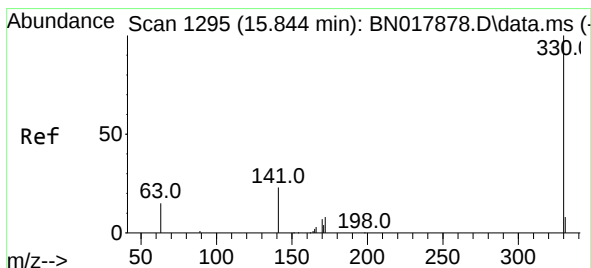
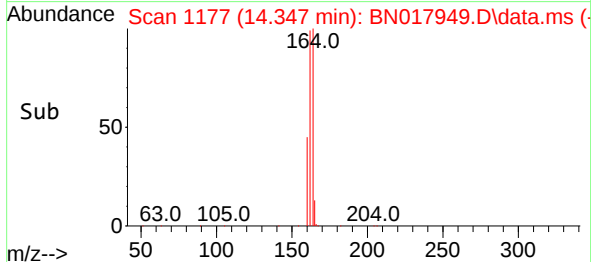
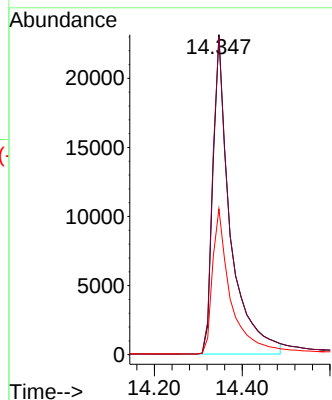
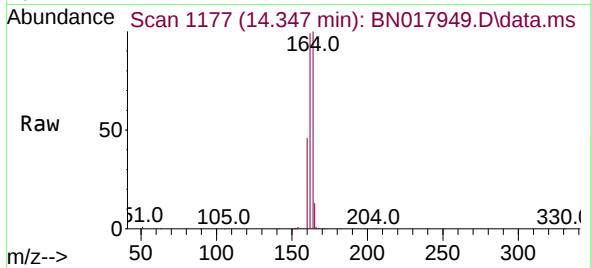




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.347 min Scan# 1176
 Delta R.T. 0.012 min
 Lab File: BN017949.D
 Acq: 12 Dec 2021 21:29

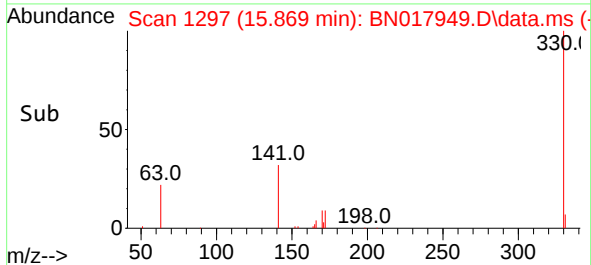
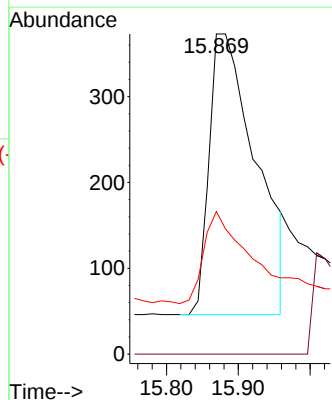
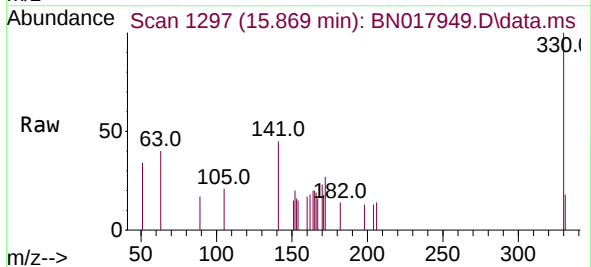
Instrument :
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 ClientSampleId :
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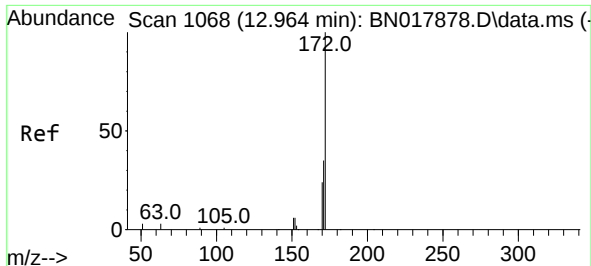
Tgt Ion:164 Resp: 63504
 Ion Ratio Lower Upper
 164 100
 162 99.4 82.1 123.1
 160 45.6 38.2 57.2



#14
 2,4,6-Tribromophenol
 Concen: 0.375 ng
 RT: 15.869 min Scan# 1297
 Delta R.T. 0.025 min
 Lab File: BN017949.D
 Acq: 12 Dec 2021 21:29

Tgt Ion:330 Resp: 1480
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 31.2 19.7 29.5#

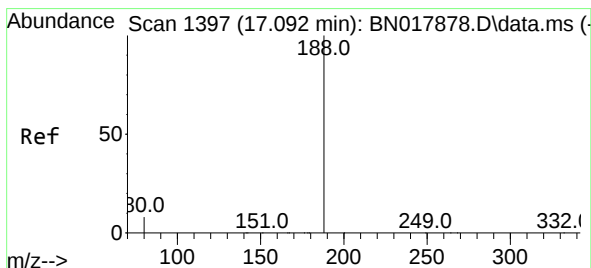
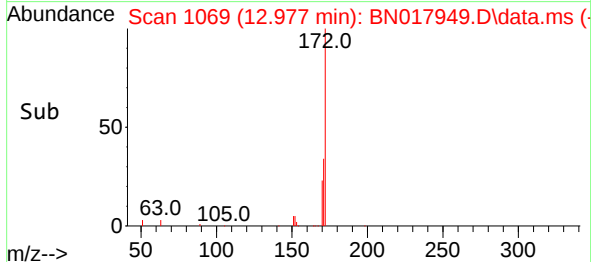
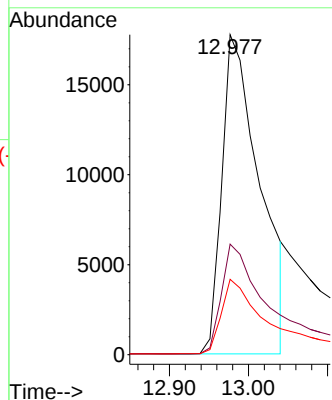
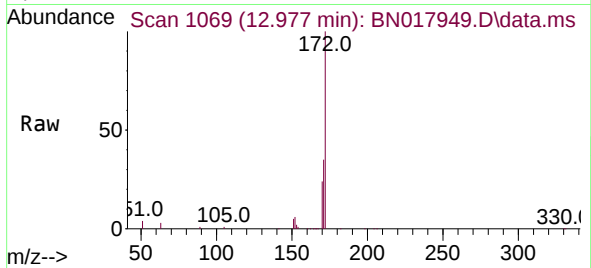




#15
2-Fluorobiphenyl
Concen: 0.265 ng
RT: 12.977 min Scan# 1069
Delta R.T. 0.012 min
Lab File: BN017949.D
Acq: 12 Dec 2021 21:29

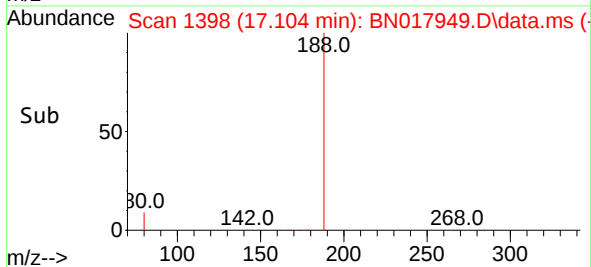
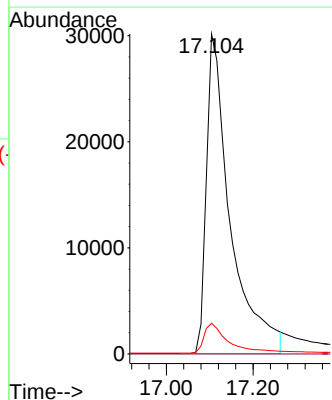
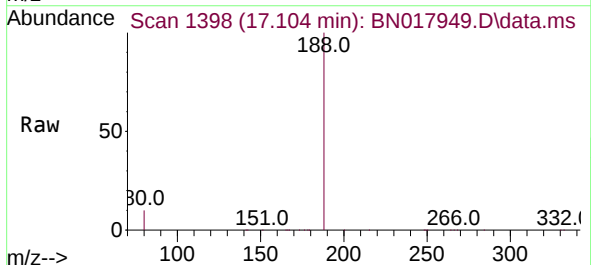
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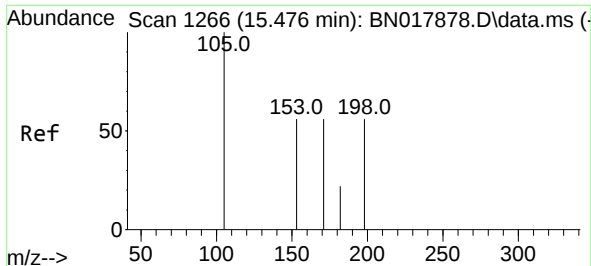
Tgt Ion:172 Resp: 59316
Ion Ratio Lower Upper
172 100
171 34.6 28.3 42.5
170 23.5 19.1 28.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.104 min Scan# 1398
Delta R.T. 0.012 min
Lab File: BN017949.D
Acq: 12 Dec 2021 21:29

Tgt Ion:188 Resp: 114900
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.6 6.2 9.2#

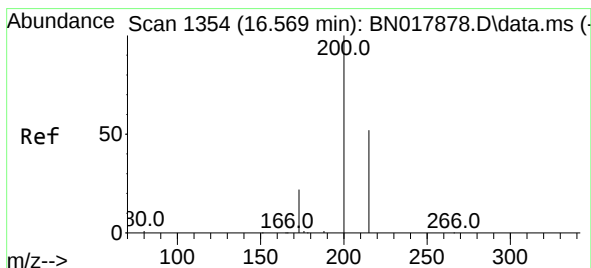
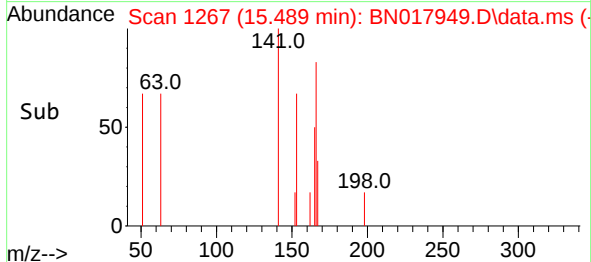
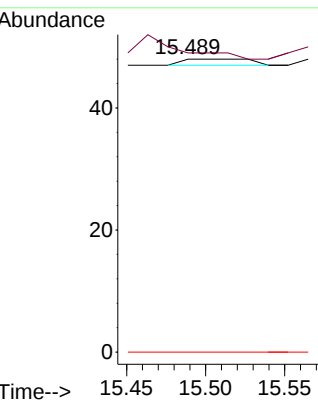
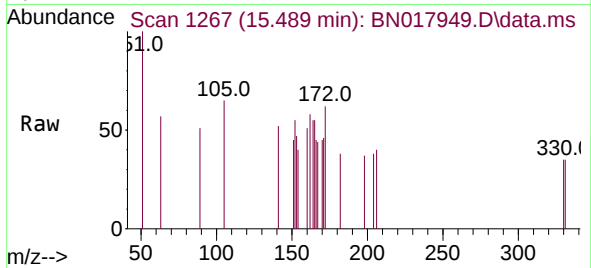




#20
4,6-Dinitro-2-methylphenol
Concen: Below Cal
RT: 15.489 min Scan# 1267
Delta R.T. 0.013 min
Lab File: BN017949.D
Acq: 12 Dec 2021 21:29

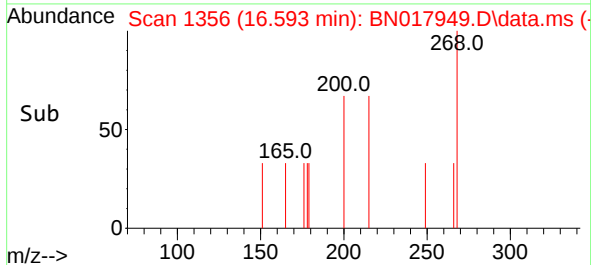
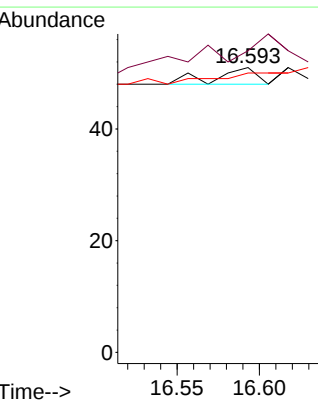
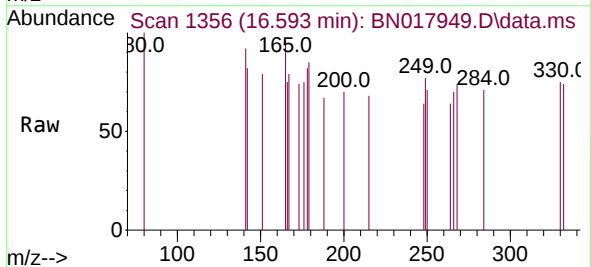
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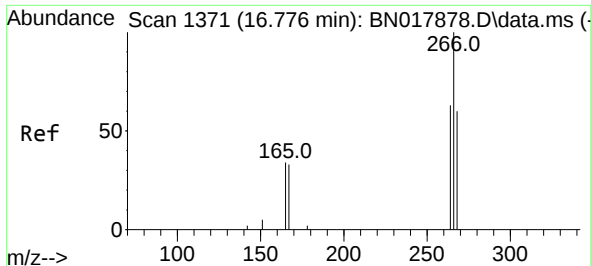
Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
182 102.1 70.8 106.2
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.091 ng
RT: 16.593 min Scan# 1356
Delta R.T. 0.024 min
Lab File: BN017949.D
Acq: 12 Dec 2021 21:29

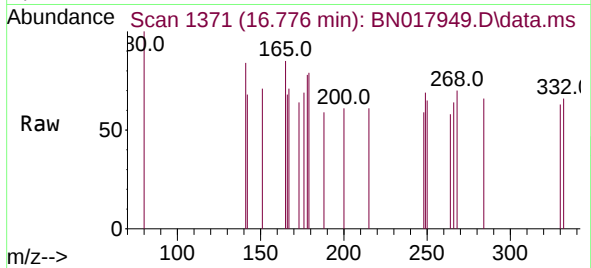
Tgt Ion:200 Resp: 5
Ion Ratio Lower Upper
200 100
173 105.9 18.2 27.2#
215 98.0 41.8 62.8#



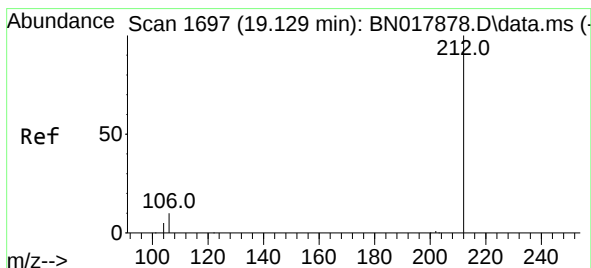
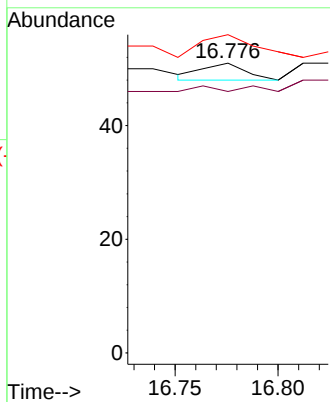
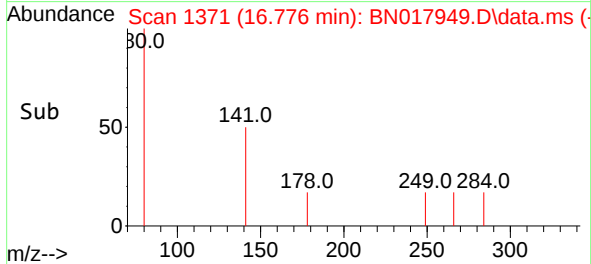


#24
 Pentachlorophenol
 Concen: 0.083 ng
 RT: 16.776 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BN017949.D
 Acq: 12 Dec 2021 21:29

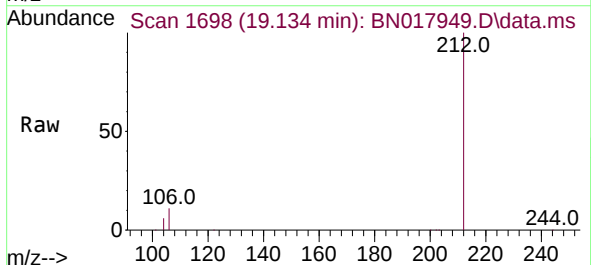
Instrument :
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 ClientSampleId :
 PB141233BL



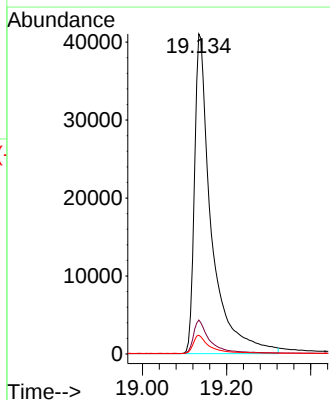
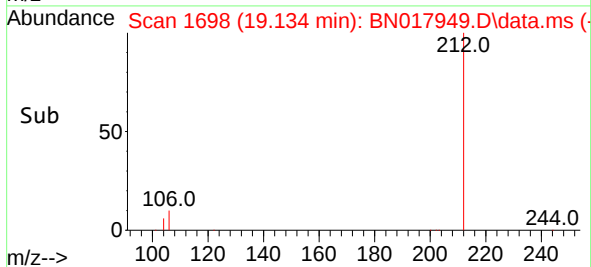
Tgt Ion:266 Resp: 4
 Ion Ratio Lower Upper
 266 100
 264 25.0 50.6 76.0#
 268 175.0 53.7 80.5#

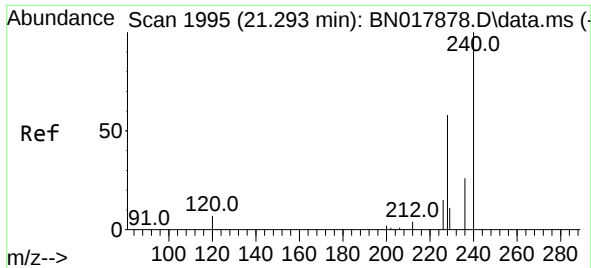


#27
 Fluoranthene-d10
 Concen: 0.308 ng
 RT: 19.134 min Scan# 1698
 Delta R.T. 0.005 min
 Lab File: BN017949.D
 Acq: 12 Dec 2021 21:29



Tgt Ion:212 Resp: 114737
 Ion Ratio Lower Upper
 212 100
 106 10.3 8.3 12.5
 104 5.6 4.6 6.8

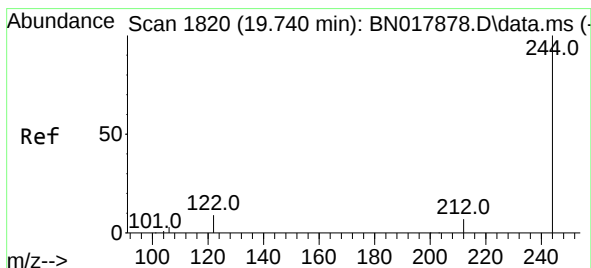
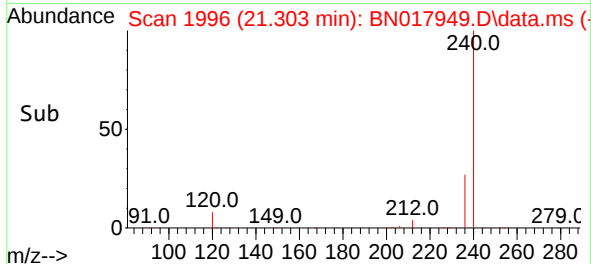
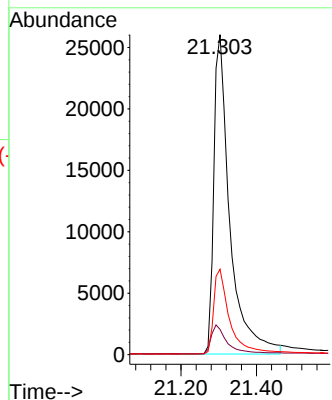
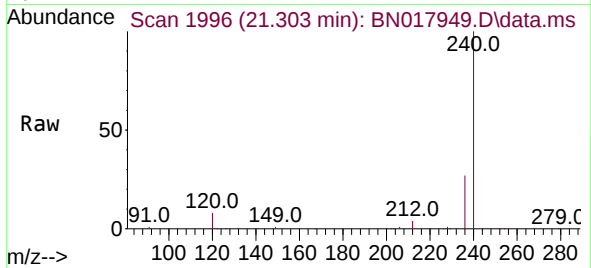




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.303 min Scan# 1996
Delta R.T. 0.010 min
Lab File: BN017949.D
Acq: 12 Dec 2021 21:29

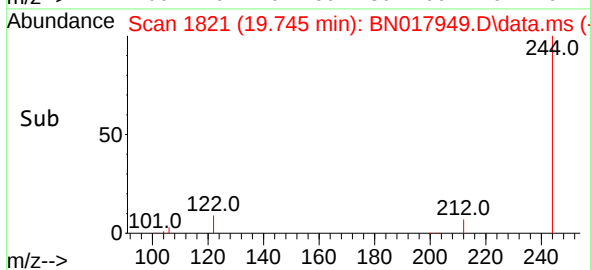
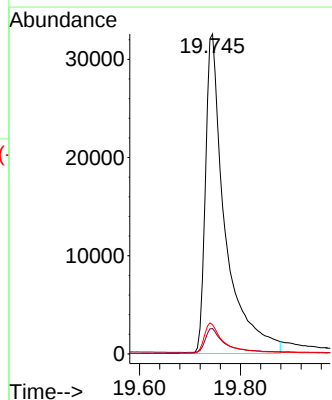
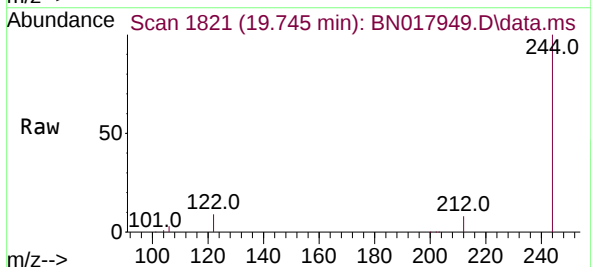
Instrument :
BNA_N
ClientSampleId :
PB141233BL

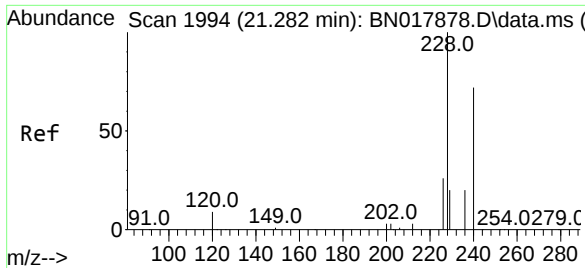
Tgt Ion:240 Resp: 76747
Ion Ratio Lower Upper
240 100
120 7.9 5.8 8.8
236 26.7 21.0 31.6



#31
Terphenyl-d14
Concen: 0.465 ng
RT: 19.745 min Scan# 1821
Delta R.T. 0.005 min
Lab File: BN017949.D
Acq: 12 Dec 2021 21:29

Tgt Ion:244 Resp: 87929
Ion Ratio Lower Upper
244 100
212 7.9 6.2 9.2
122 9.2 7.5 11.3

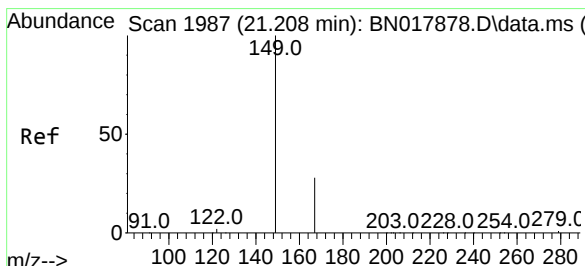
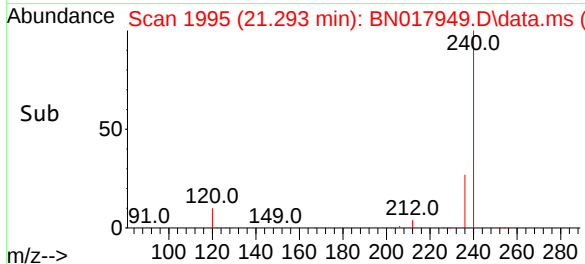
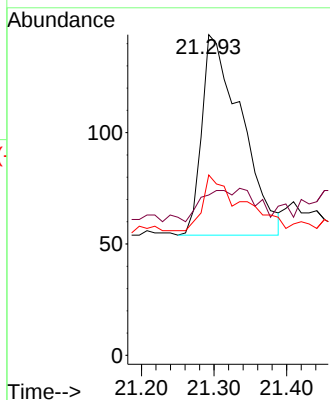
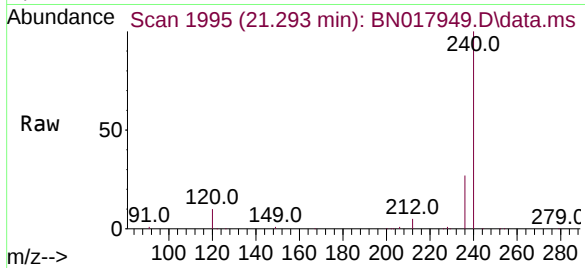




#32
Benzo(a)anthracene
Concen: 0.051 ng
RT: 21.293 min Scan# 1994
Delta R.T. 0.011 min
Lab File: BN017949.D
Acq: 12 Dec 2021 21:29

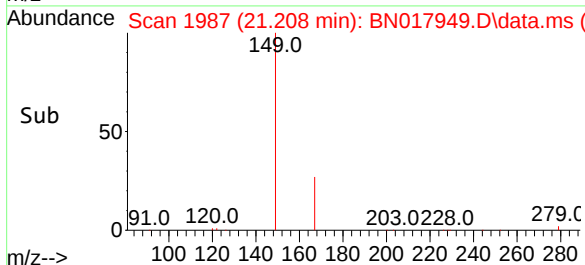
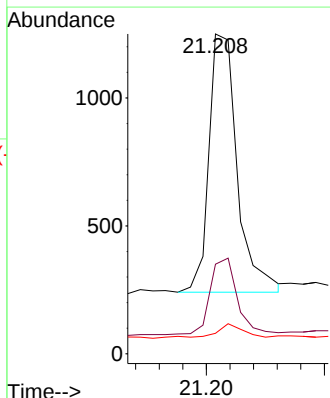
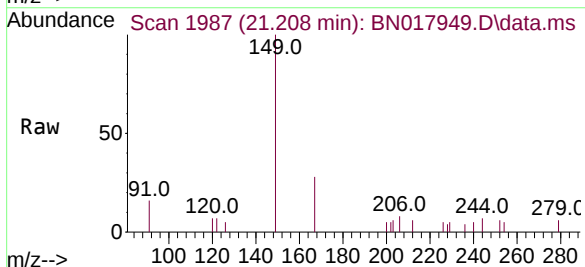
Instrument :
BNA_N
ClientSampleId :
PB141233BL

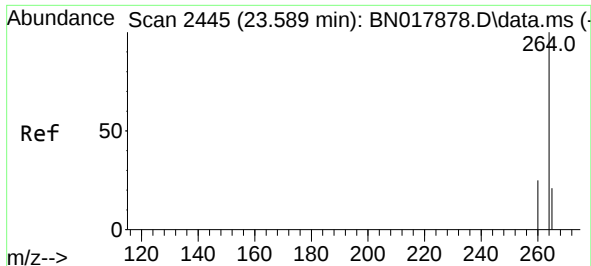
Tgt Ion:228 Resp: 340
Ion Ratio Lower Upper
228 100
226 50.0 21.0 31.4#
229 56.3 15.8 23.8#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.020 ng
RT: 21.208 min Scan# 1987
Delta R.T. -0.000 min
Lab File: BN017949.D
Acq: 12 Dec 2021 21:29

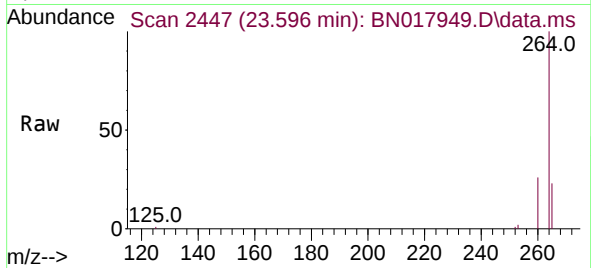
Tgt Ion:149 Resp: 1679
Ion Ratio Lower Upper
149 100
167 28.6 23.4 35.0
279 5.7 3.6 5.4#



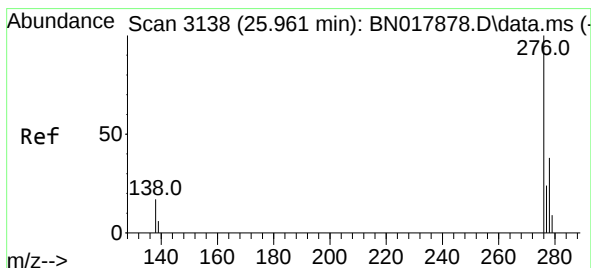
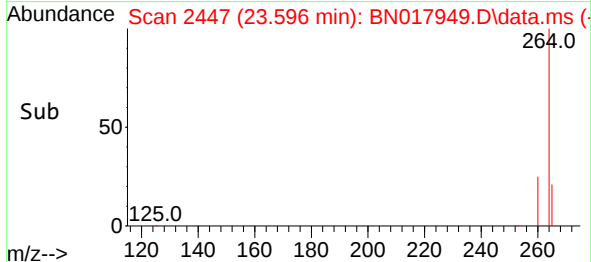
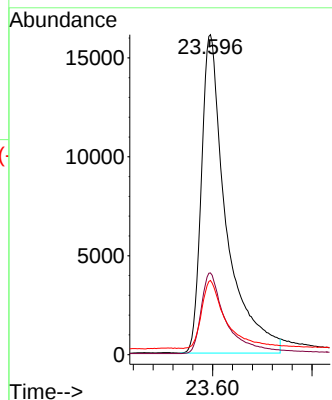


#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.596 min Scan# 2447
 Delta R.T. 0.007 min
 Lab File: BN017949.D
 Acq: 12 Dec 2021 21:29

Instrument :
 BNA_N
 ClientSampleId :
 PB141233BL

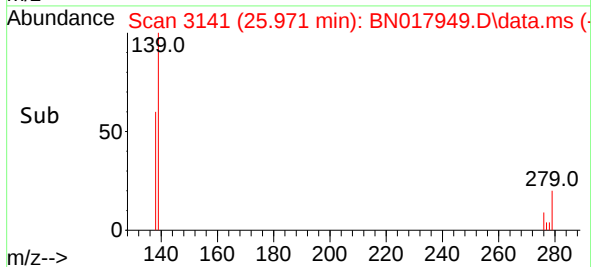
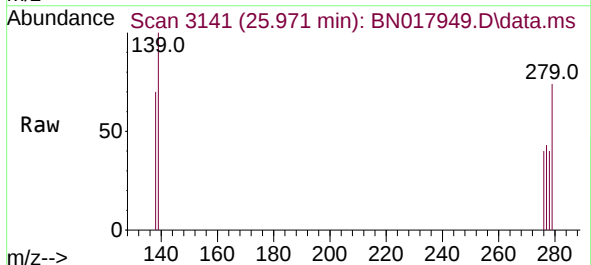
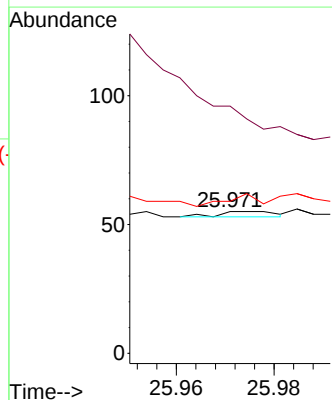


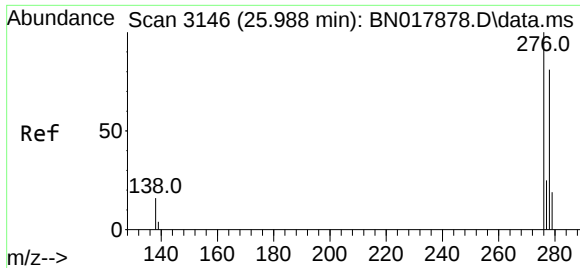
Tgt Ion:264 Resp: 55811
 Ion Ratio Lower Upper
 264 100
 260 25.6 20.2 30.4
 265 23.2 18.2 27.4



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.089 ng
 RT: 25.971 min Scan# 3141
 Delta R.T. 0.010 min
 Lab File: BN017949.D
 Acq: 12 Dec 2021 21:29

Tgt Ion:276 Resp: 2
 Ion Ratio Lower Upper
 276 100
 138 0.0 15.2 22.8#
 277 100.0 19.8 29.6#





#40

Dibenzo(a,h)anthracene

Concen: 0.101 ng

RT: 25.992 min Scan# 31

Delta R.T. 0.004 min

Lab File: BN017949.D

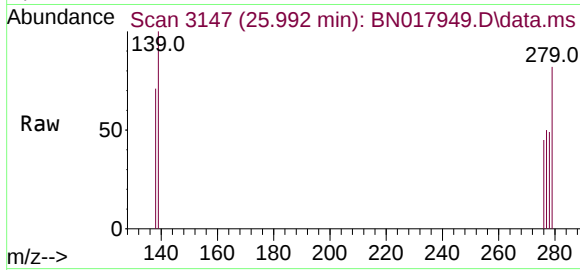
Acq: 12 Dec 2021 21:29

Instrument :

BNA_N

ClientSampleId :

PB141233BL



Tgt Ion:278 Resp: 2

Ion Ratio Lower Upper

278 100

139 205.2 12.0 18.0#

279 167.2 20.8 31.2#

