

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083122\
 Data File : BN021507.D
 Acq On : 01 Sep 2022 02:29
 Operator : CG/JU
 Sample : N4360-15
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 FB02-20220823

Quant Time: Sep 01 03:24:47 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 29 16:30:43 2022
 Response via : Initial Calibration

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

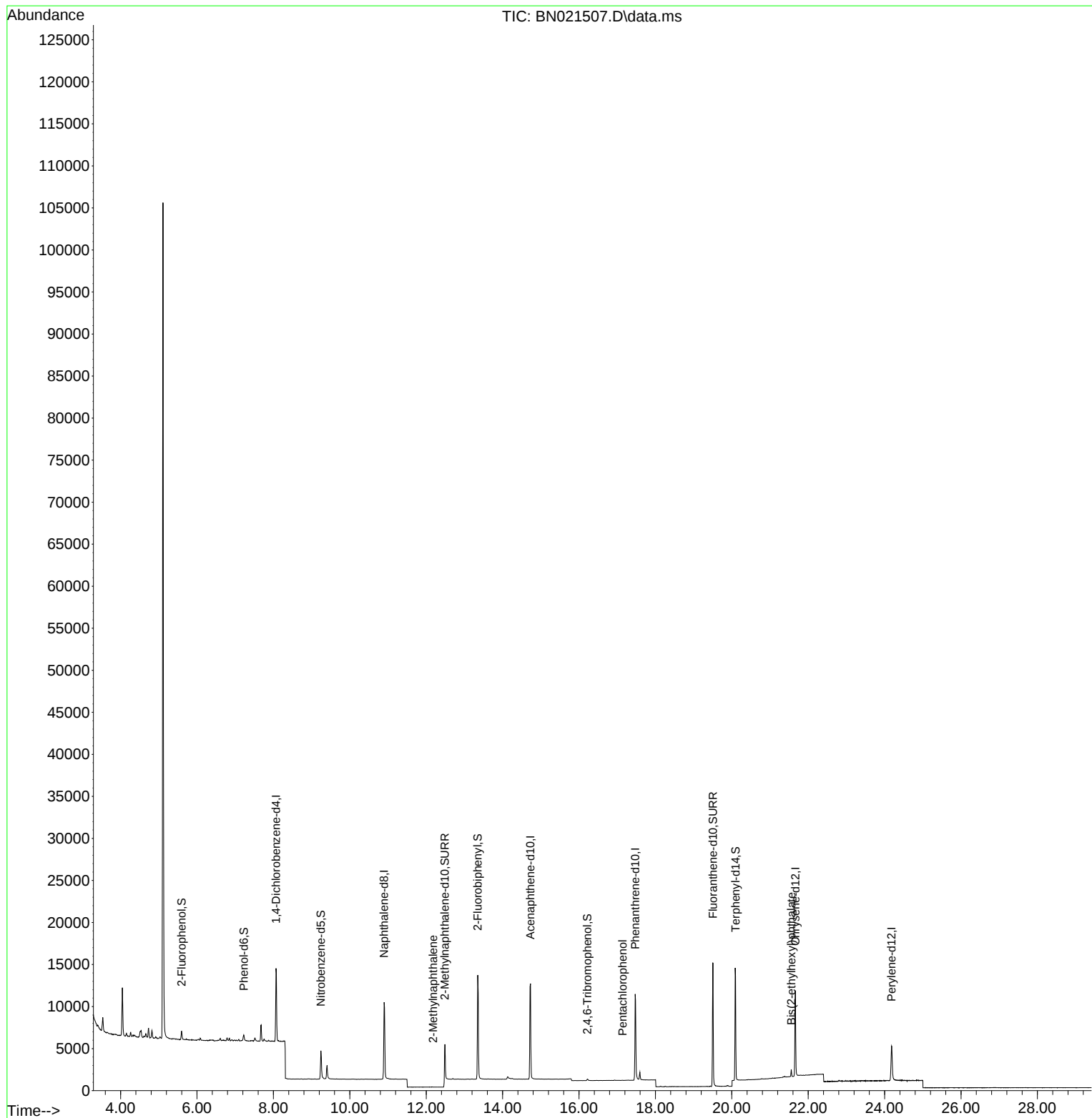
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	4466	0.400	ng	-0.01
7) Naphthalene-d8	10.898	136	13635	0.400	ng	-0.01
13) Acenaphthene-d10	14.729	164	7413	0.400	ng	0.00
19) Phenanthrene-d10	17.470	188	16052	0.400	ng	#-0.01
29) Chrysene-d12	21.664	240	10039	0.400	ng	0.00
35) Perylene-d12	24.182	264	6799	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.599	112	900	0.103	ng	0.00
5) Phenol-d6	7.224	99	786	0.071	ng	0.00
8) Nitrobenzene-d5	9.243	82	3128	0.340	ng	-0.01
11) 2-Methylnaphthalene-d10	12.490	152	11700	0.381	ng	0.00
14) 2,4,6-Tribromophenol	16.219	330	124	0.051	ng	0.00
15) 2-Fluorobiphenyl	13.349	172	11748	0.363	ng	-0.01
27) Fluoranthene-d10	19.506	212	16688	0.404	ng	0.00
31) Terphenyl-d14	20.097	244	12619	0.559	ng	0.00
Target Compounds						
12) 2-Methylnaphthalene	12.180	142	2	0.127	ng	# 1
24) Pentachlorophenol	17.142	266	8	0.204	ng	# 58
34) Bis(2-ethylhexyl)phtha...	21.557	149	814	0.058	ng	# 93

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

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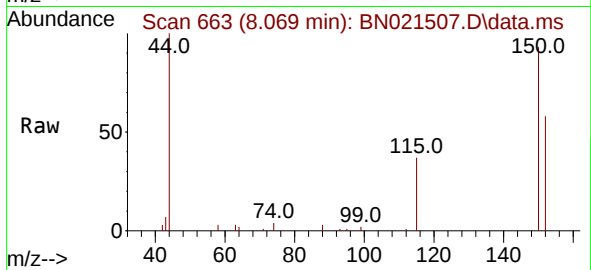
Quant Time: Sep 01 03:24:47 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
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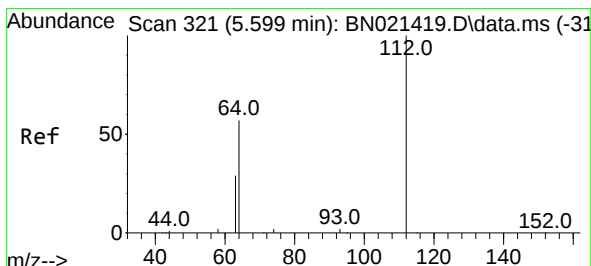
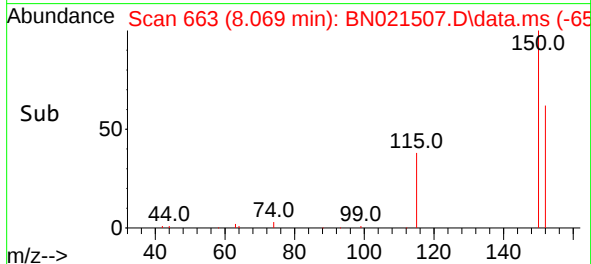
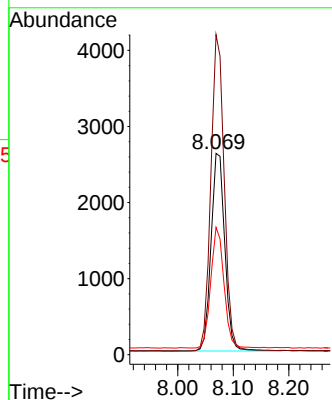


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.069 min Scan# 60
Delta R.T. -0.014 min
Lab File: BN021507.D
Acq: 01 Sep 2022 02:29

Instrument :
BNA_N
ClientSampleId :
FB02-20220823

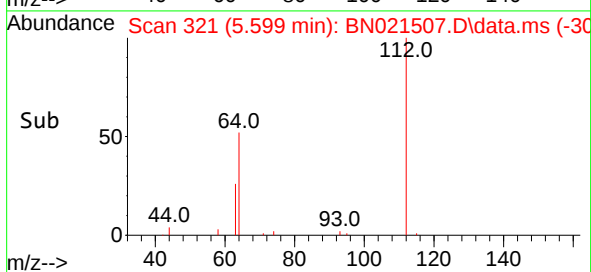
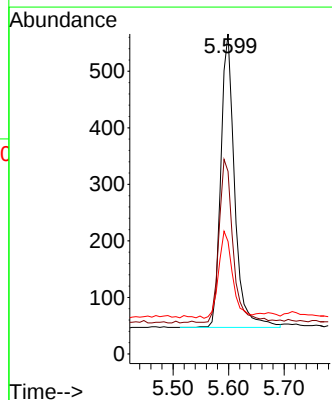
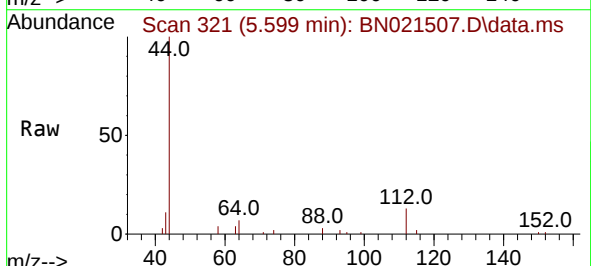


Tgt Ion:152 Resp: 4466
Ion Ratio Lower Upper
152 100
150 159.0 121.4 182.0
115 63.3 48.6 72.8



#4
2-Fluorophenol
Concen: 0.103 ng
RT: 5.599 min Scan# 321
Delta R.T. 0.000 min
Lab File: BN021507.D
Acq: 01 Sep 2022 02:29

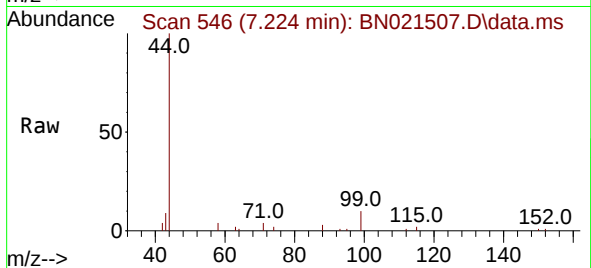
Tgt Ion:112 Resp: 900
Ion Ratio Lower Upper
112 100
64 56.3 43.5 65.3
63 29.9 22.6 34.0



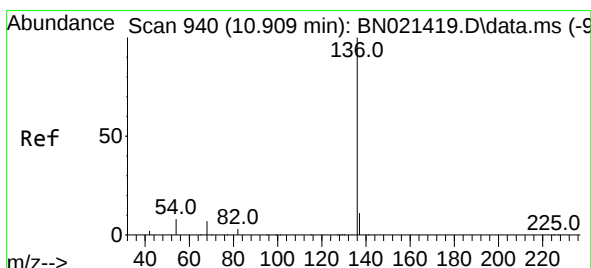
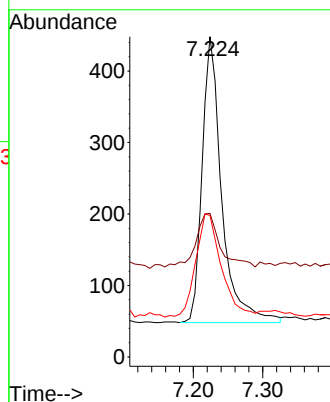
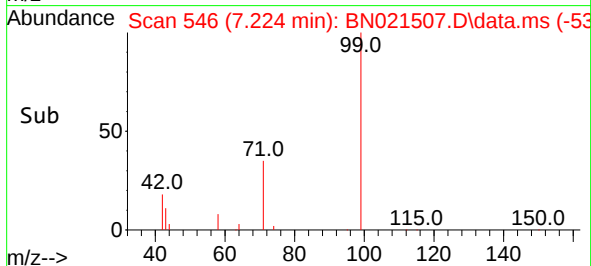


#5
Phenol-d6
Concen: 0.071 ng
RT: 7.224 min Scan# 546
Delta R.T. 0.000 min
Lab File: BN021507.D
Acq: 01 Sep 2022 02:29

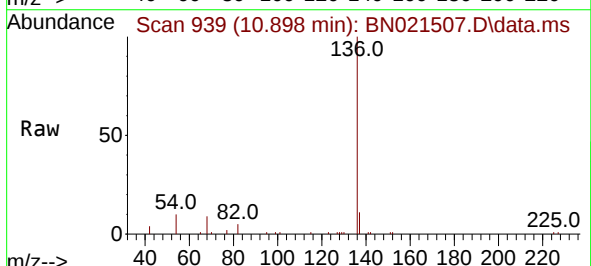
Instrument :
BNA_N
ClientSampleId :
FB02-20220823



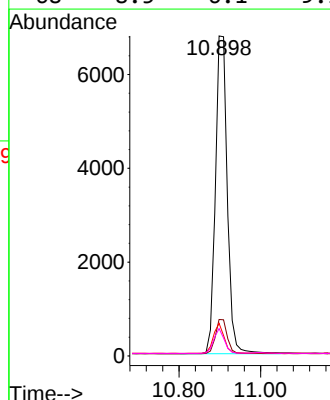
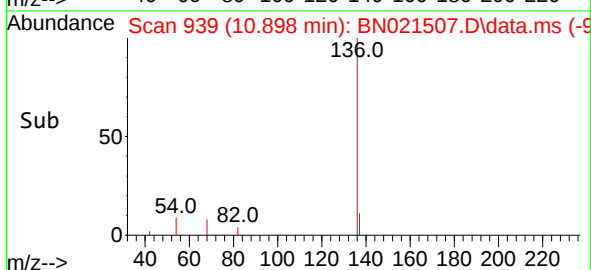
Tgt Ion: 99 Resp: 786
Ion Ratio Lower Upper
99 100
42 23.3 15.5 23.3#
71 46.8 24.2 36.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.898 min Scan# 939
Delta R.T. -0.011 min
Lab File: BN021507.D
Acq: 01 Sep 2022 02:29



Tgt Ion: 136 Resp: 13635
Ion Ratio Lower Upper
136 100
137 11.4 9.3 13.9
54 10.2 6.9 10.3
68 8.5 6.1 9.1

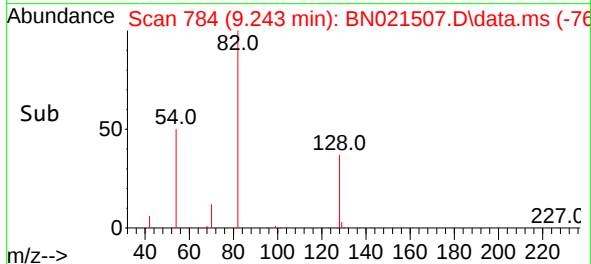
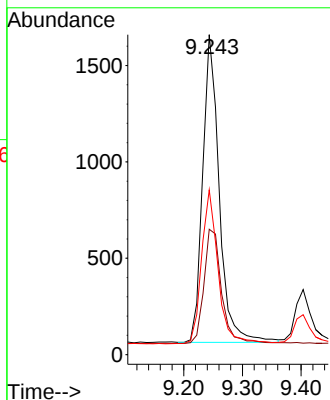
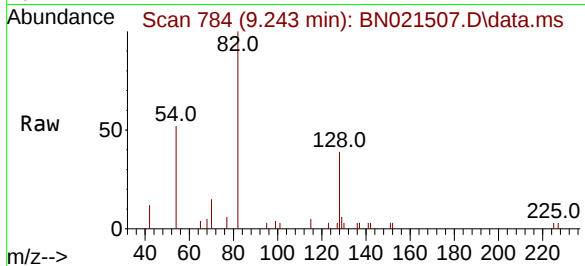




#8
 Nitrobenzene-d5
 Concen: 0.340 ng
 RT: 9.243 min Scan# 785
 Delta R.T. -0.011 min
 Lab File: BN021507.D
 Acq: 01 Sep 2022 02:29

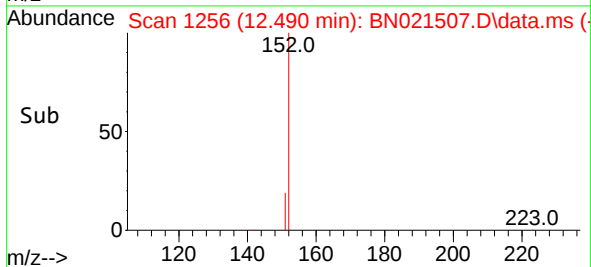
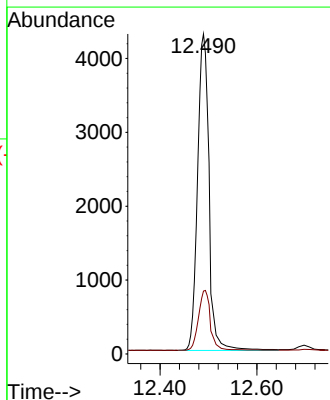
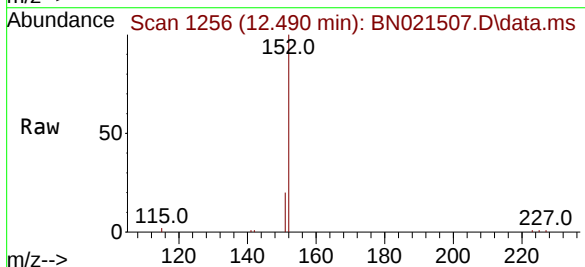
Instrument :
 BNA_N
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 FB02-20220823

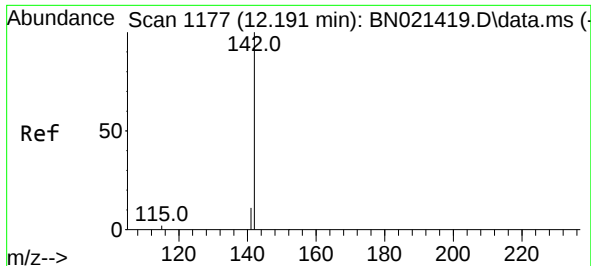
Tgt Ion: 82 Resp: 3128
 Ion Ratio Lower Upper
 82 100
 128 39.2 30.9 46.3
 54 51.5 42.7 64.1



#11
 2-Methylnaphthalene-d10
 Concen: 0.381 ng
 RT: 12.490 min Scan# 1256
 Delta R.T. -0.007 min
 Lab File: BN021507.D
 Acq: 01 Sep 2022 02:29

Tgt Ion: 152 Resp: 11700
 Ion Ratio Lower Upper
 152 100
 151 19.7 14.5 21.7

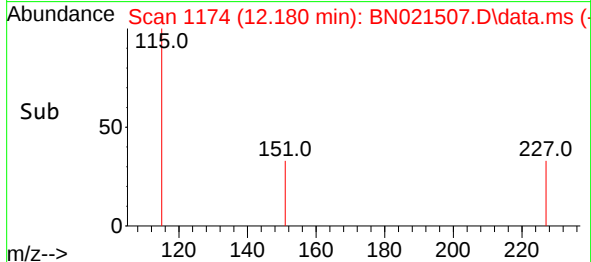
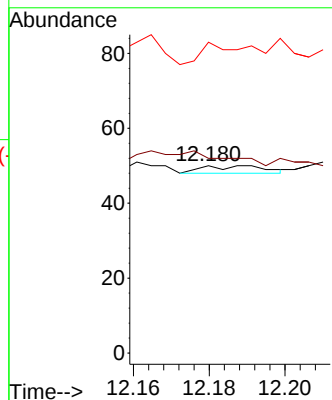
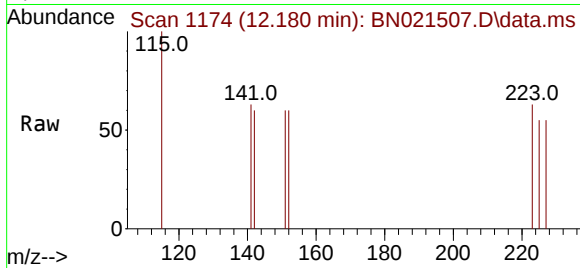




#12
2-Methylnaphthalene
Concen: 0.127 ng
RT: 12.180 min Scan# 1174
Delta R.T. -0.011 min
Lab File: BN021507.D
Acq: 01 Sep 2022 02:29

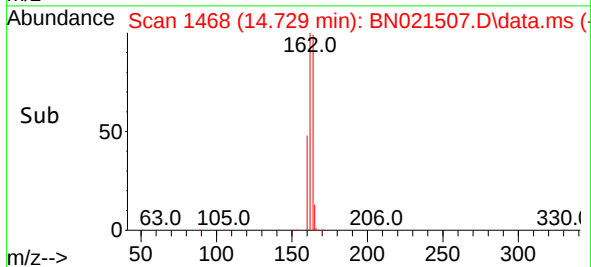
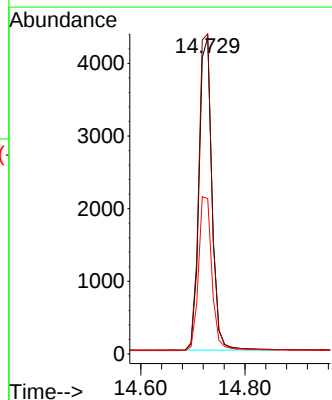
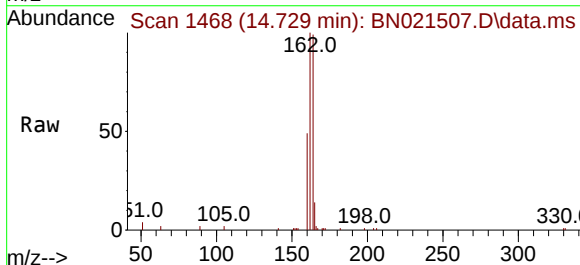
Instrument :
BNA_N
ClientSampleId :
FB02-20220823

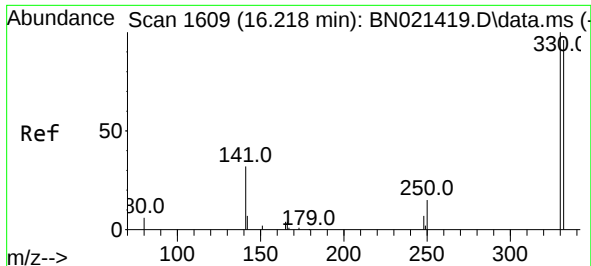
Tgt Ion:142 Resp: 2
Ion Ratio Lower Upper
142 100
141 104.0 12.2 18.2#
115 166.0 7.9 11.9#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.729 min Scan# 1468
Delta R.T. 0.001 min
Lab File: BN021507.D
Acq: 01 Sep 2022 02:29

Tgt Ion:164 Resp: 7413
Ion Ratio Lower Upper
164 100
162 101.1 82.2 123.4
160 49.1 39.5 59.3





#14

2,4,6-Tribromophenol

Concen: 0.051 ng

RT: 16.219 min Scan# 1

Delta R.T. 0.001 min

Lab File: BN021507.D

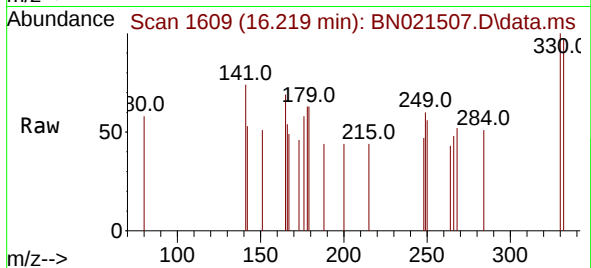
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Instrument :

BNA_N

ClientSampleId :

FB02-20220823



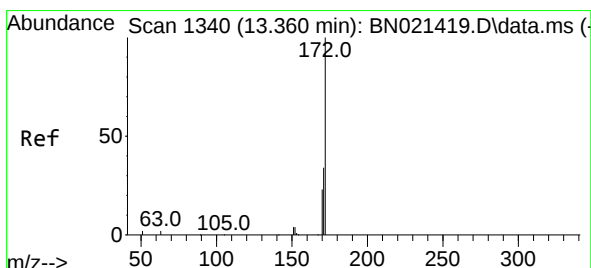
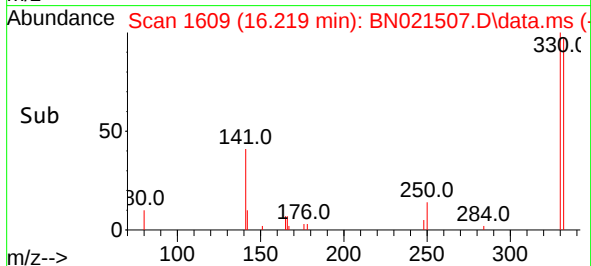
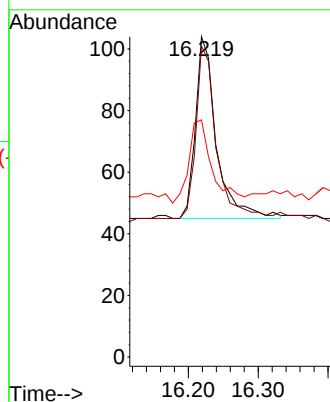
Tgt Ion:330 Resp: 124

Ion Ratio Lower Upper

330 100

332 91.1 79.3 118.9

141 50.0 37.1 55.7



#15

2-Fluorobiphenyl

Concen: 0.363 ng

RT: 13.349 min Scan# 1339

Delta R.T. -0.011 min

Lab File: BN021507.D

Acq: 01 Sep 2022 02:29

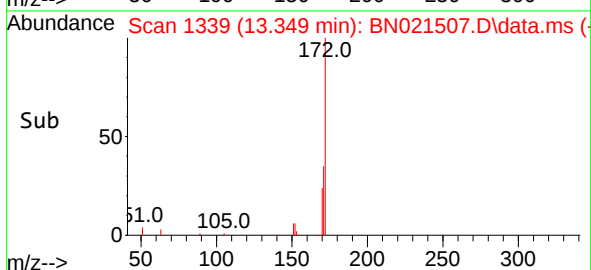
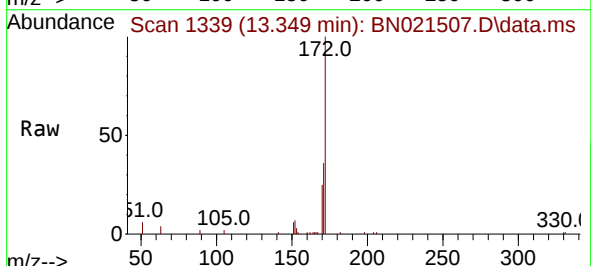
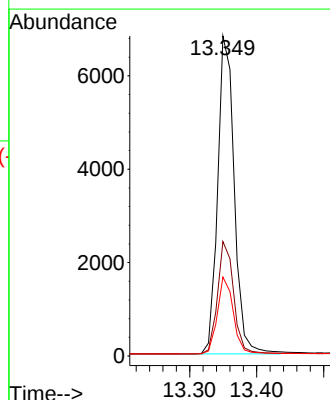
Tgt Ion:172 Resp: 11748

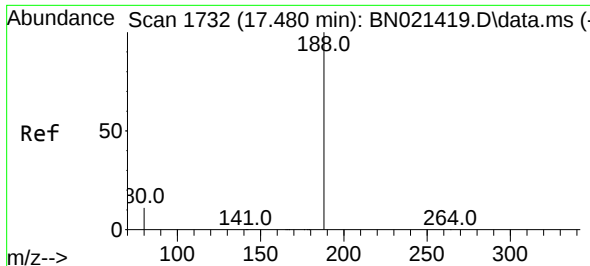
Ion Ratio Lower Upper

172 100

171 35.8 27.8 41.6

170 24.6 18.6 28.0

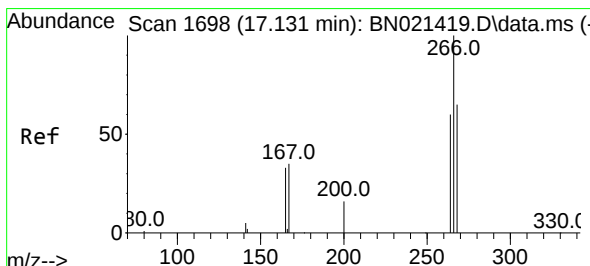
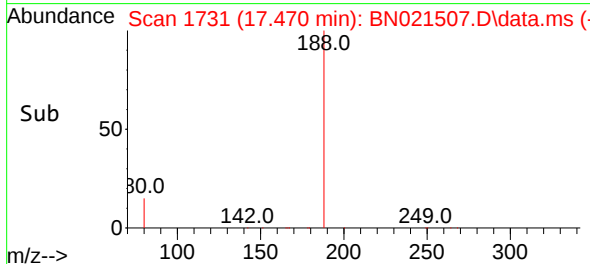
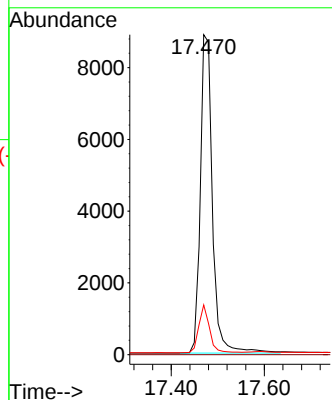
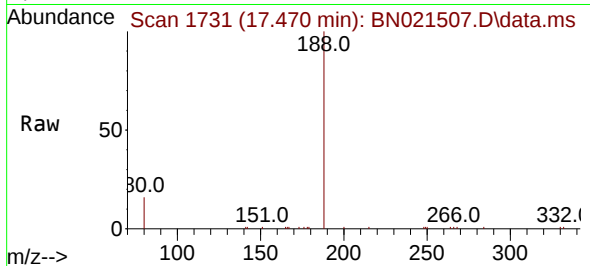




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.470 min Scan# 1732
Delta R.T. -0.010 min
Lab File: BN021507.D
Acq: 01 Sep 2022 02:29

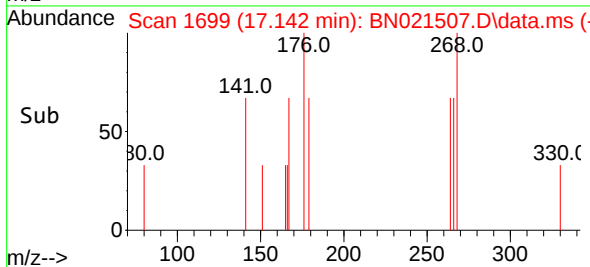
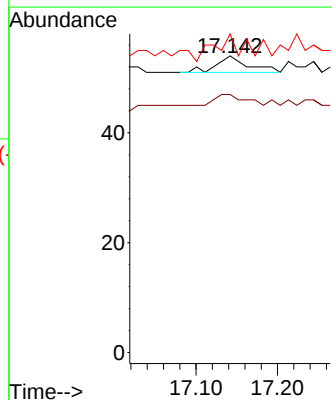
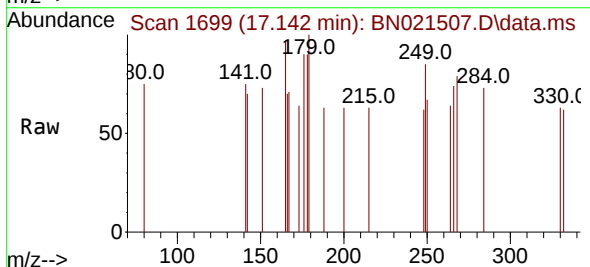
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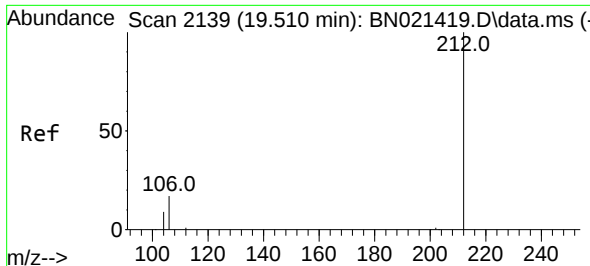
Tgt Ion:188 Resp: 16052
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.6 9.5 14.3#



#24
Pentachlorophenol
Concen: 0.204 ng
RT: 17.142 min Scan# 1699
Delta R.T. 0.011 min
Lab File: BN021507.D
Acq: 01 Sep 2022 02:29

Tgt Ion:266 Resp: 8
Ion Ratio Lower Upper
266 100
264 62.5 49.0 73.6
268 0.0 50.9 76.3#

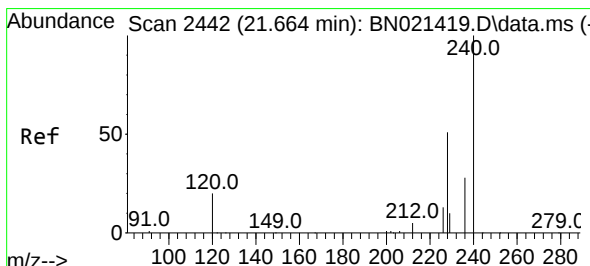
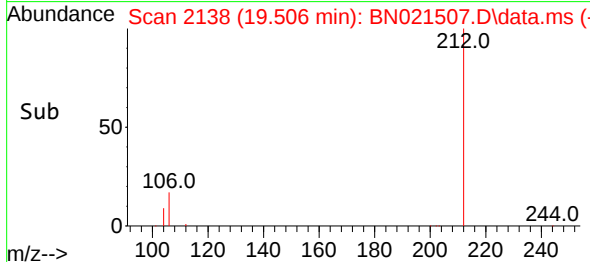
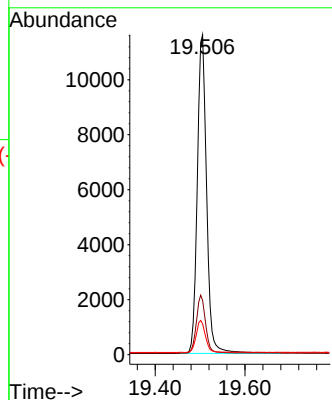
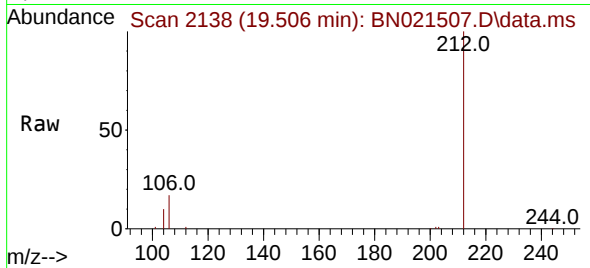




#27
Fluoranthene-d10
Concen: 0.404 ng
RT: 19.506 min Scan# 2138
Delta R.T. -0.004 min
Lab File: BN021507.D
Acq: 01 Sep 2022 02:29

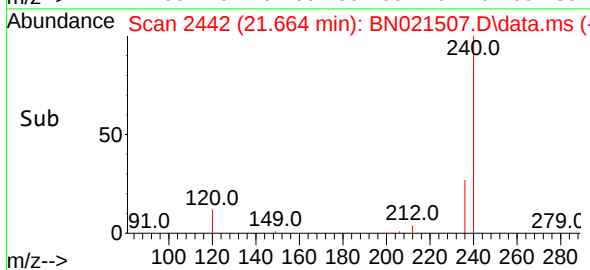
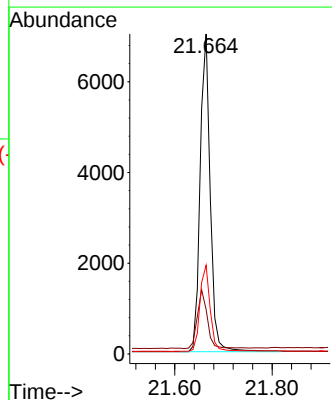
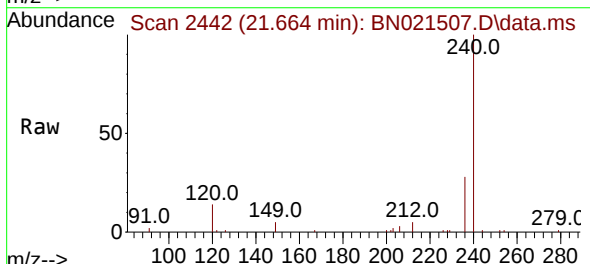
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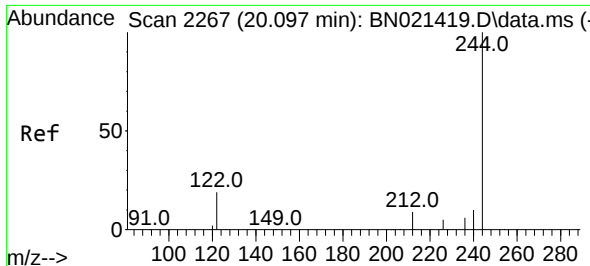
Tgt Ion:212 Resp: 16688
Ion Ratio Lower Upper
212 100
106 17.9 14.2 21.2
104 9.9 7.8 11.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.664 min Scan# 2442
Delta R.T. 0.000 min
Lab File: BN021507.D
Acq: 01 Sep 2022 02:29

Tgt Ion:240 Resp: 10039
Ion Ratio Lower Upper
240 100
120 13.9 10.2 15.4
236 27.7 22.1 33.1

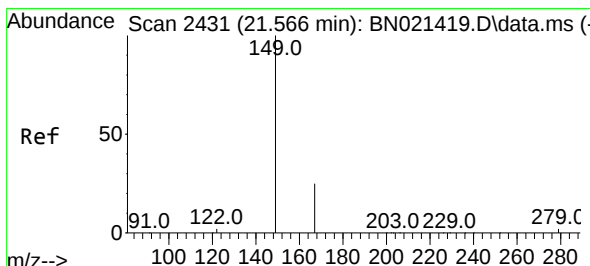
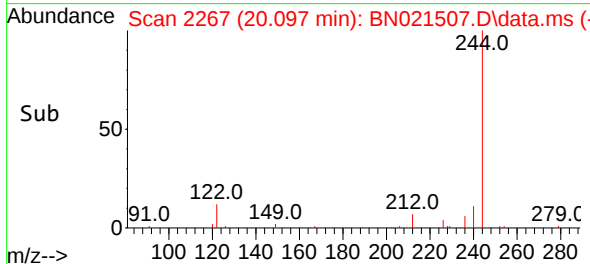
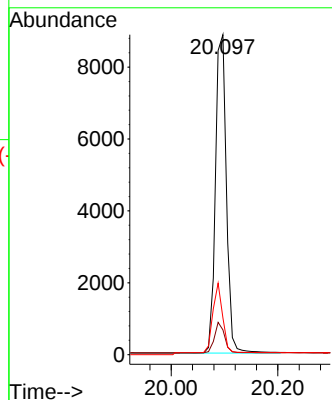
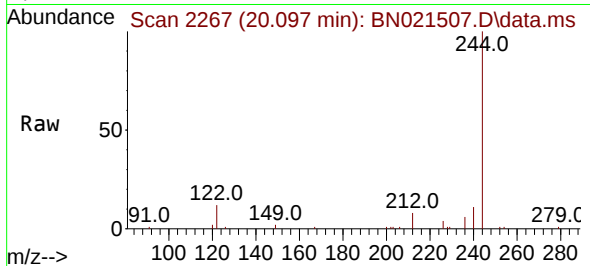




#31
 Terphenyl-d14
 Concen: 0.559 ng
 RT: 20.097 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN021507.D
 Acq: 01 Sep 2022 02:29

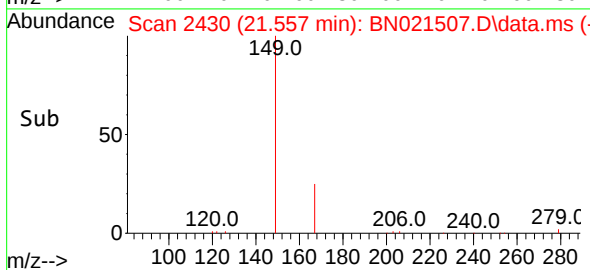
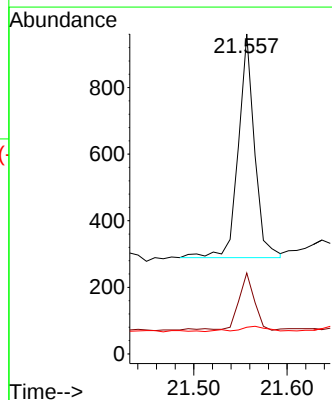
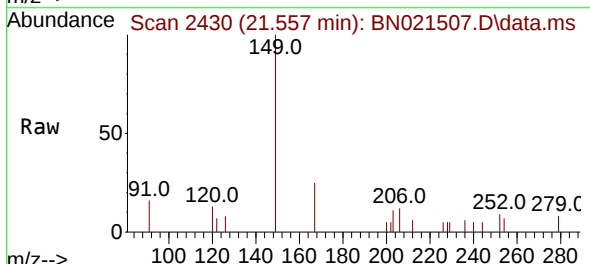
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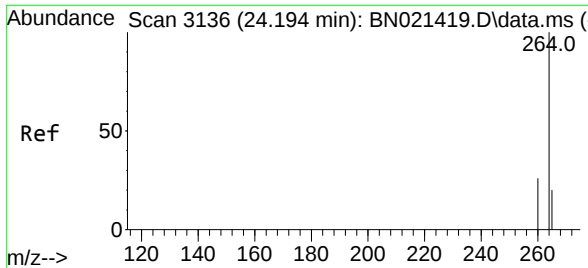
Tgt Ion:244 Resp: 12619
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.5 9.7
 122 11.5 9.1 13.7



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.058 ng
 RT: 21.557 min Scan# 2430
 Delta R.T. -0.009 min
 Lab File: BN021507.D
 Acq: 01 Sep 2022 02:29

Tgt Ion:149 Resp: 814
 Ion Ratio Lower Upper
 149 100
 167 23.0 21.4 32.0
 279 4.5 2.2 3.2#





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.182 min Scan# 31

Delta R.T. -0.012 min

Lab File: BN021507.D

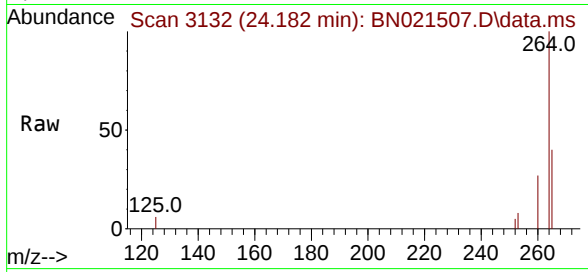
Acq: 01 Sep 2022 02:29

Instrument :

BNA_N

ClientSampleId :

FB02-20220823



Tgt Ion:264 Resp: 6799

Ion Ratio Lower Upper

264 100

260 26.7 21.0 31.6

265 40.3 32.2 48.2

