

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062321\
 Data File : BN014982.D
 Acq On : 22 Jun 2021 20:16
 Operator : CG/JU
 Sample : M2750-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP01-20210615

Quant Time: Jun 23 03:39:12 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN061621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 17 01:26:44 2021
 Response via : Initial Calibration

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

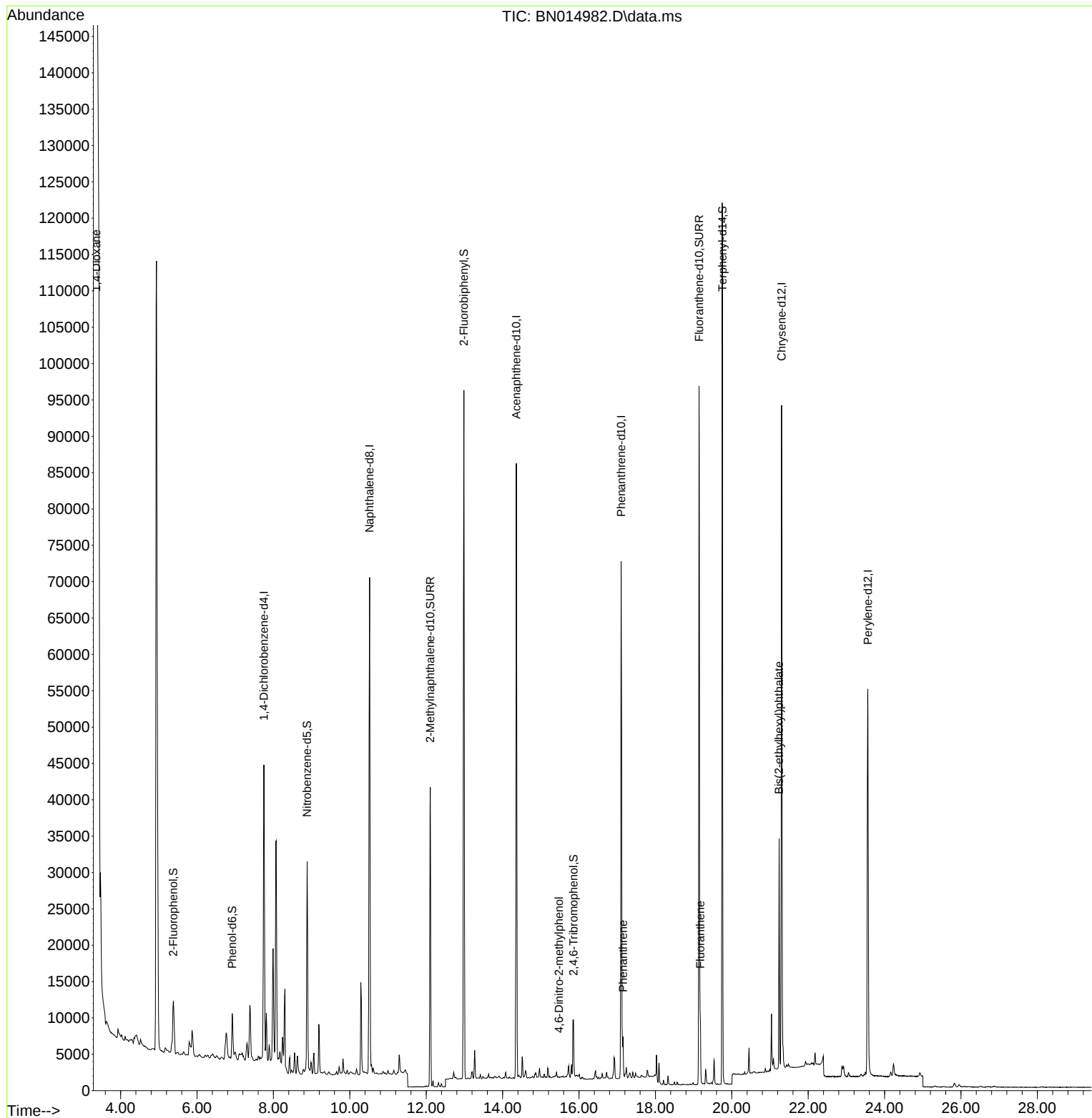
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.750	152	20104	0.40	ng	#-0.01
7) Naphthalene-d8	10.517	136	90666	0.40	ng	0.00
13) Acenaphthene-d10	14.358	164	47872	0.40	ng	-0.01
19) Phenanthrene-d10	17.103	188	95071	0.40	ng	-0.01
29) Chrysene-d12	21.302	240	82907	0.40	ng	#-0.02
35) Perylene-d12	23.560	264	71467	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.380	112	9147	0.15	ng	0.00
5) Phenol-d6	6.920	99	6279	0.08	ng	0.00
8) Nitrobenzene-d5	8.883	82	23978	0.35	ng	-0.02
11) 2-Methylnaphthalene-d10	12.106	152	53629	0.34	ng	-0.01
14) 2,4,6-Tribromophenol	15.855	330	6899	0.31	ng	-0.01
15) 2-Fluorobiphenyl	12.988	172	81190	0.45	ng	-0.01
27) Fluoranthene-d10	19.143	212	104573	0.35	ng	-0.01
31) Terphenyl-d14	19.753	244	121944	0.59	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.361	88	84190	9.99	ng	# 69
20) 4,6-Dinitro-2-methylph...	15.475	198	2	0.10	ng	# 1
25) Phenanthrene	17.152	178	5920	0.02	ng	98
28) Fluoranthene	19.173	202	7842	0.02	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.239	149	25542	0.12	ng	# 87

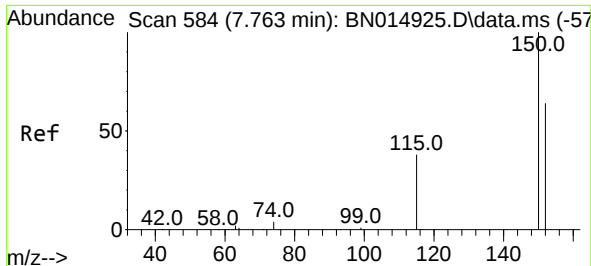
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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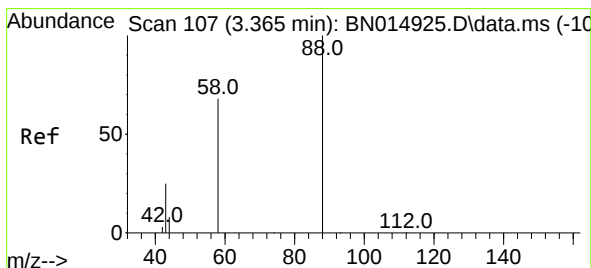
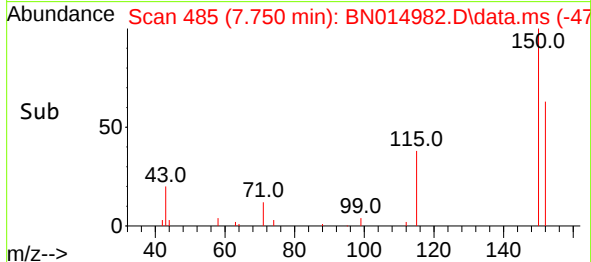
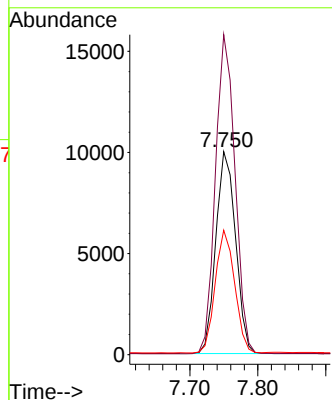
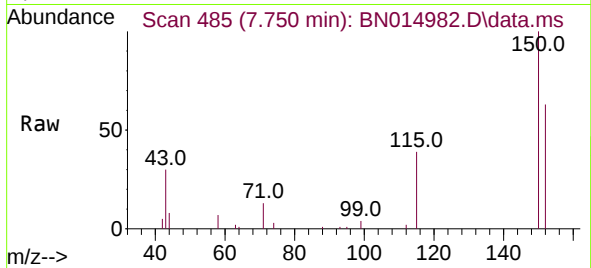




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.750 min Scan# 485
 Delta R.T. -0.013 min
 Lab File: BN014982.D
 Acq: 22 Jun 2021 20:16

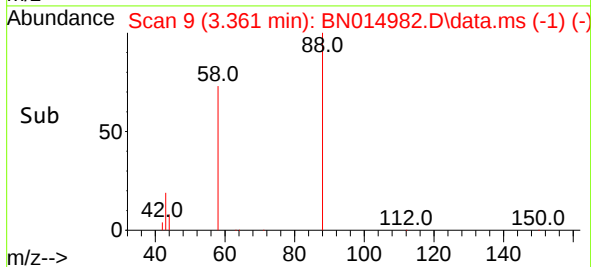
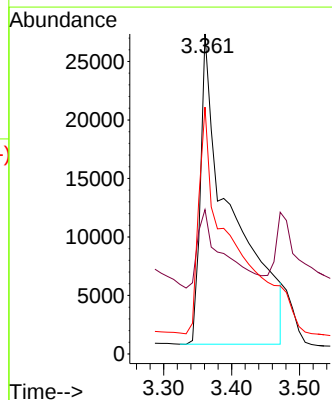
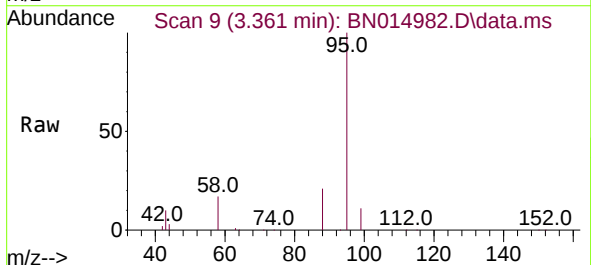
Instrument :
 BNA_N
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 DUP01-20210615

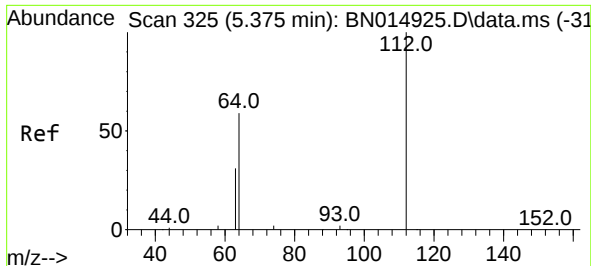
Tgt Ion:152 Resp: 20104
 Ion Ratio Lower Upper
 152 100
 150 157.6 119.0 178.6
 115 61.3 62.2 93.4#



#2
 1,4-Dioxane
 Concen: 9.99 ng
 RT: 3.361 min Scan# 9
 Delta R.T. -0.004 min
 Lab File: BN014982.D
 Acq: 22 Jun 2021 20:16

Tgt Ion: 88 Resp: 84190
 Ion Ratio Lower Upper
 88 100
 43 21.0 12.9 19.3#
 58 72.8 38.1 57.1#

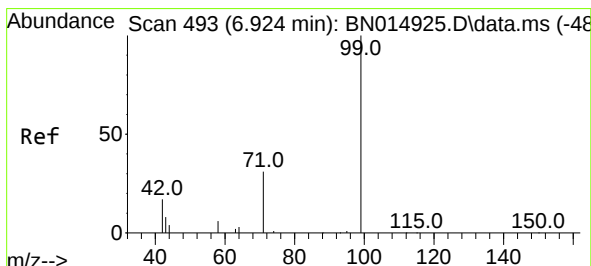
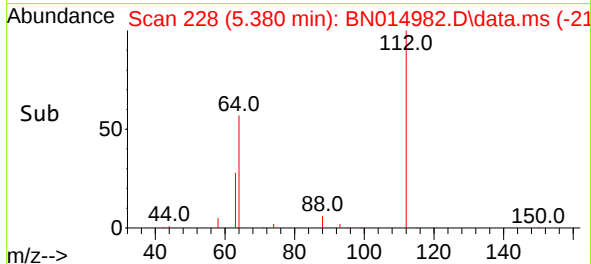
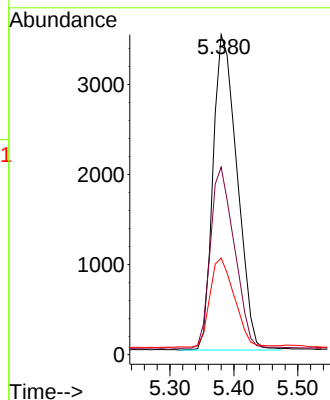
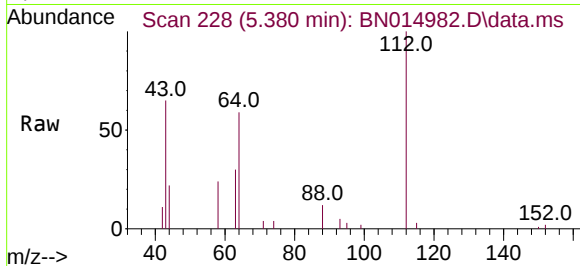




#4
2-Fluorophenol
Concen: 0.15 ng
RT: 5.380 min Scan# 228
Delta R.T. 0.005 min
Lab File: BN014982.D
Acq: 22 Jun 2021 20:16

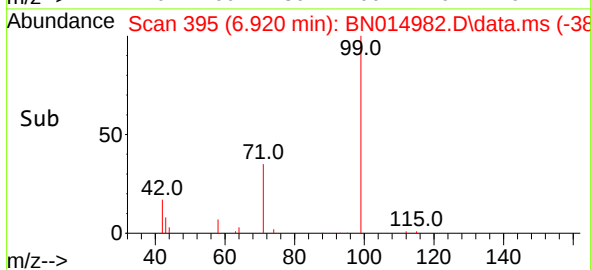
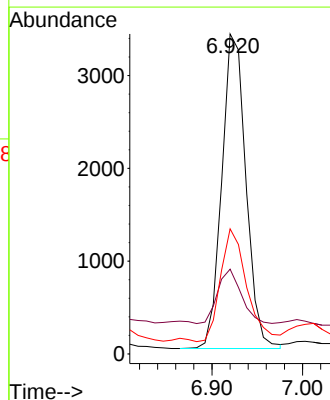
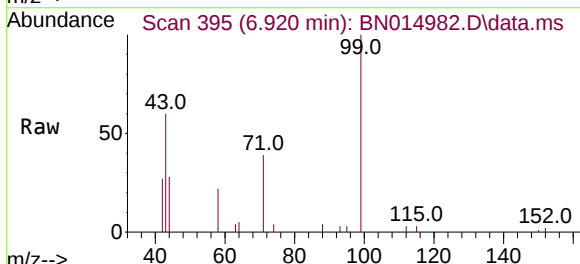
Instrument :
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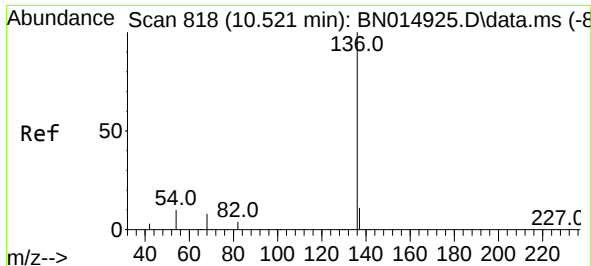
Tgt Ion:112 Resp: 9147
Ion Ratio Lower Upper
112 100
64 57.2 39.0 58.6
63 29.0 20.6 30.8



#5
Phenol-d6
Concen: 0.08 ng
RT: 6.920 min Scan# 395
Delta R.T. -0.004 min
Lab File: BN014982.D
Acq: 22 Jun 2021 20:16

Tgt Ion: 99 Resp: 6279
Ion Ratio Lower Upper
99 100
42 16.8 8.9 13.3#
71 39.1 35.6 53.4

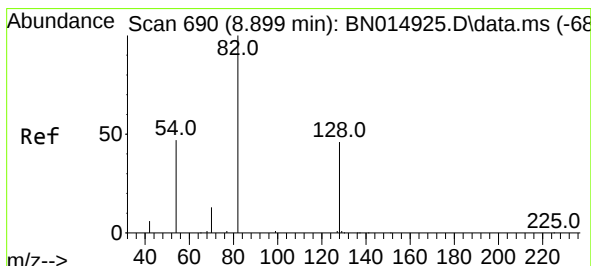
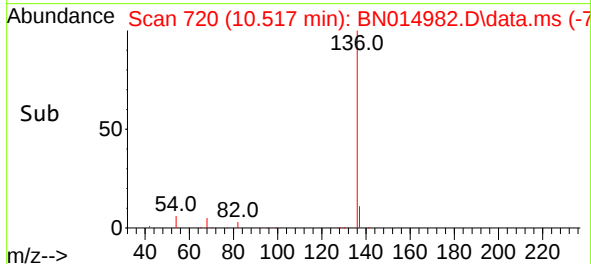
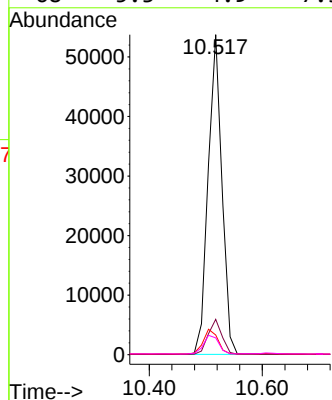
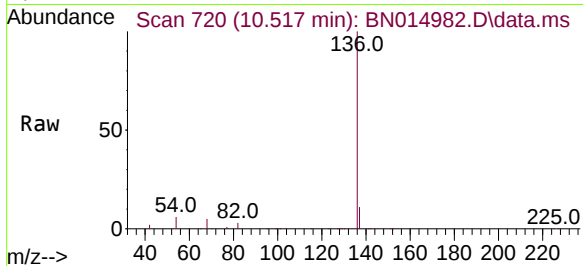




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.517 min Scan# 720
Delta R.T. -0.004 min
Lab File: BN014982.D
Acq: 22 Jun 2021 20:16

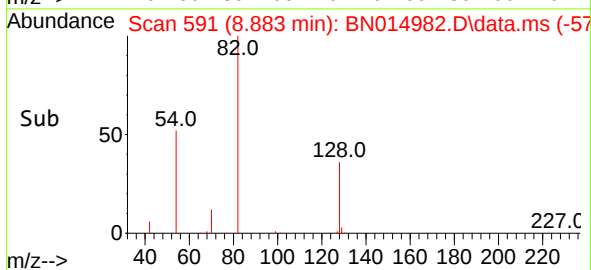
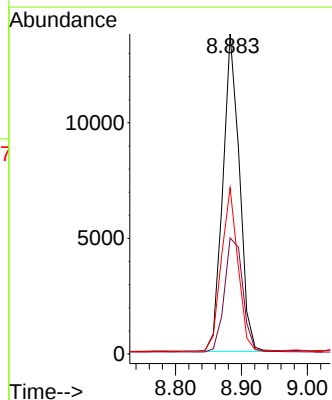
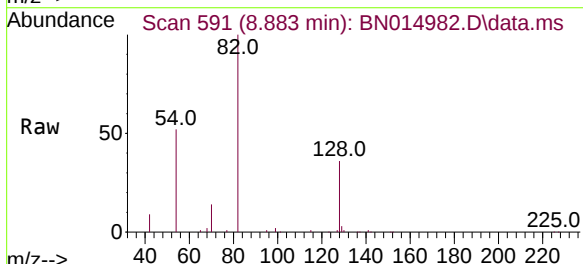
Instrument :
BNA_N
ClientSampleId :
DUP01-20210615

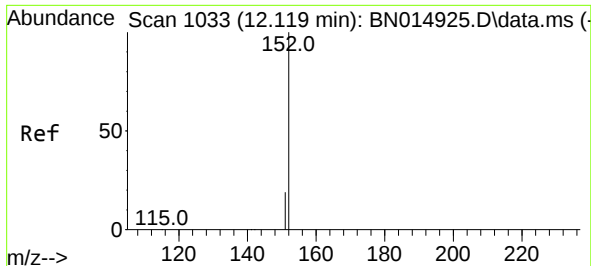
Tgt Ion:	136	Resp:	90666
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.8	14.8
54	6.2	5.4	8.2
68	5.3	4.9	7.3



#8
Nitrobenzene-d5
Concen: 0.35 ng
RT: 8.883 min Scan# 591
Delta R.T. -0.016 min
Lab File: BN014982.D
Acq: 22 Jun 2021 20:16

Tgt Ion:	82	Resp:	23978
Ion Ratio	Lower	Upper	
82	100		
128	36.3	31.6	47.4
54	51.9	29.0	43.4

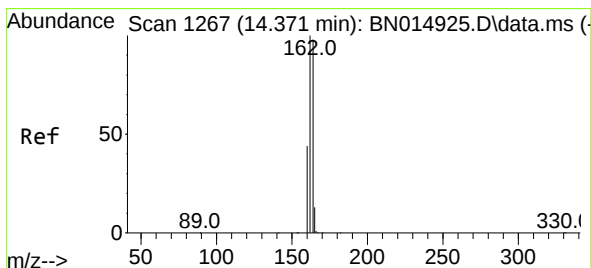
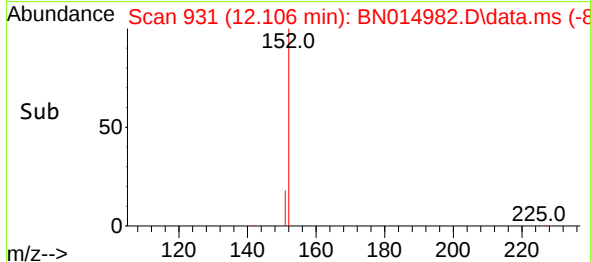
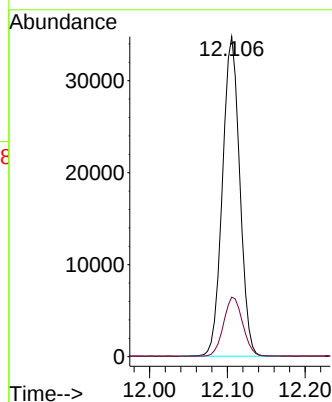
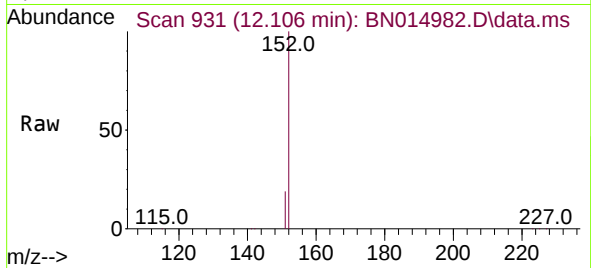




#11
2-Methylnaphthalene-d10
Concen: 0.34 ng
RT: 12.106 min Scan# 931
Delta R.T. -0.013 min
Lab File: BN014982.D
Acq: 22 Jun 2021 20:16

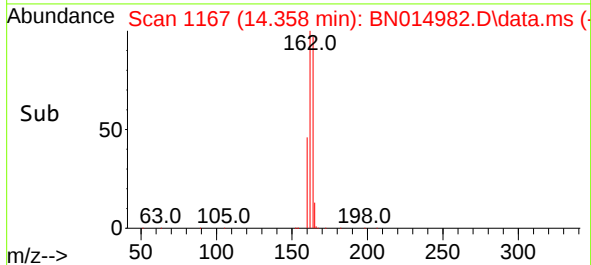
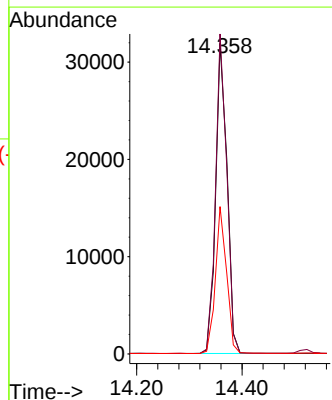
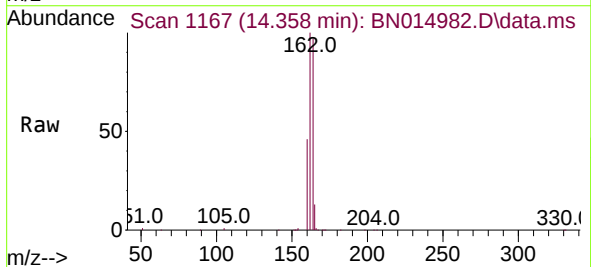
Instrument :
BNA_N
ClientSampleId :
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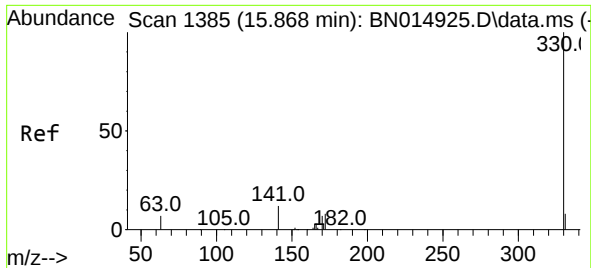
Tgt Ion:152 Resp: 53629
Ion Ratio Lower Upper
152 100
151 20.4 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.358 min Scan# 1167
Delta R.T. -0.013 min
Lab File: BN014982.D
Acq: 22 Jun 2021 20:16

Tgt Ion:164 Resp: 47872
Ion Ratio Lower Upper
164 100
162 103.0 83.8 125.6
160 47.4 37.4 56.0

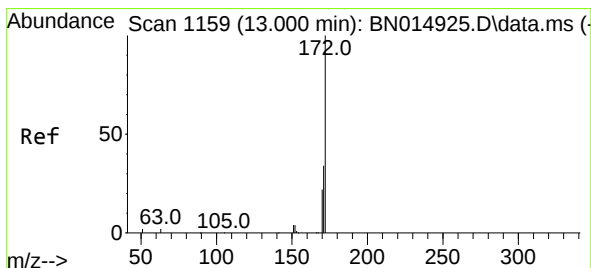
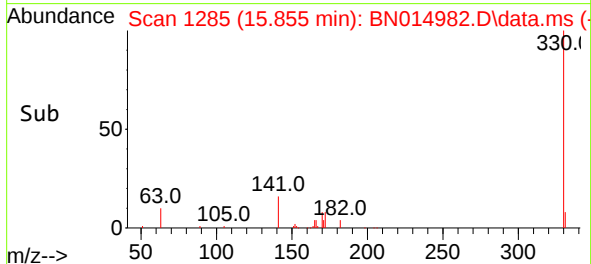
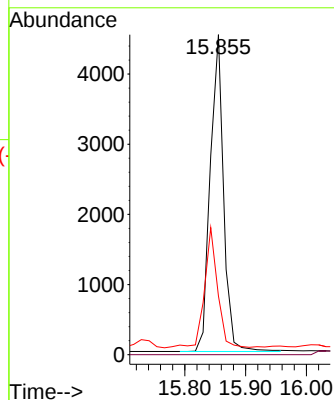
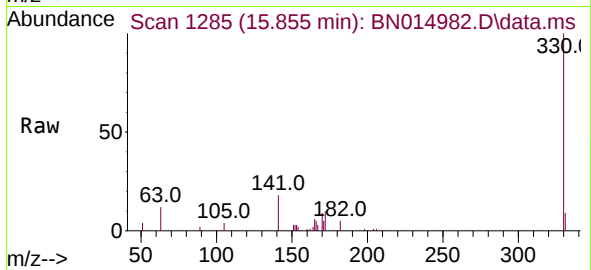




#14
2,4,6-Tribromophenol
Concen: 0.31 ng
RT: 15.855 min Scan# 1285
Delta R.T. -0.013 min
Lab File: BN014982.D
Acq: 22 Jun 2021 20:16

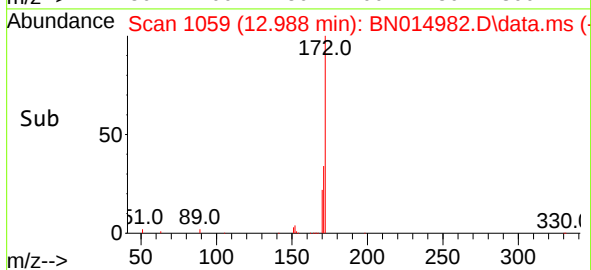
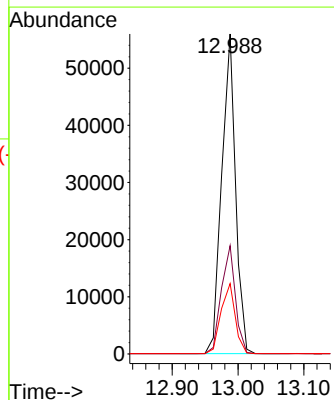
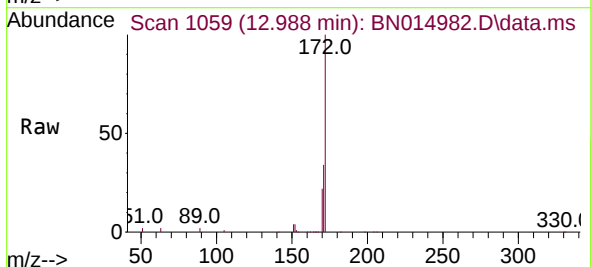
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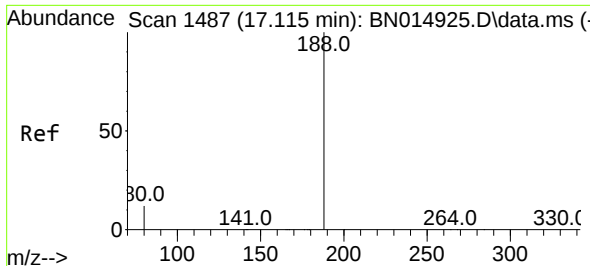
Tgt Ion:330 Resp: 6899
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 36.2 22.4 33.6#



#15
2-Fluorobiphenyl
Concen: 0.45 ng
RT: 12.988 min Scan# 1059
Delta R.T. -0.013 min
Lab File: BN014982.D
Acq: 22 Jun 2021 20:16

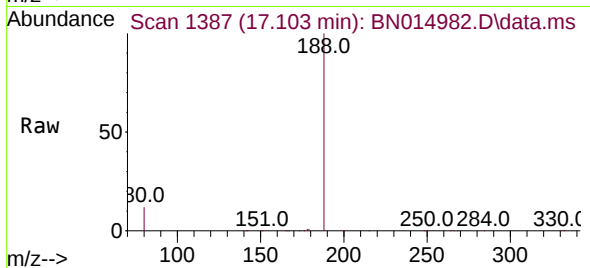
Tgt Ion:172 Resp: 81190
Ion Ratio Lower Upper
172 100
171 33.8 30.6 45.8
170 22.0 20.2 30.4



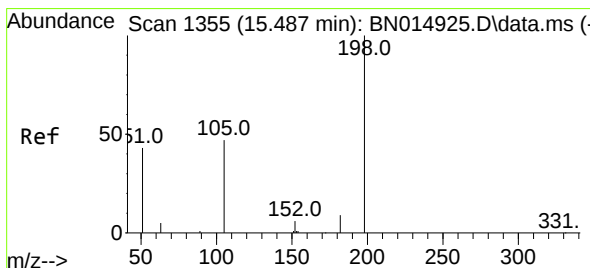
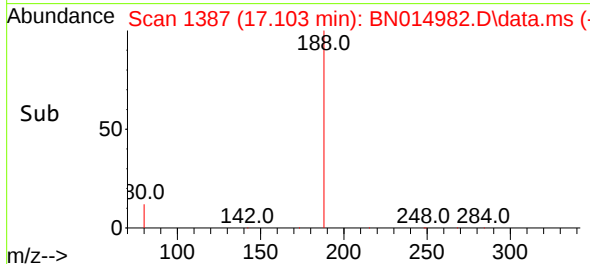
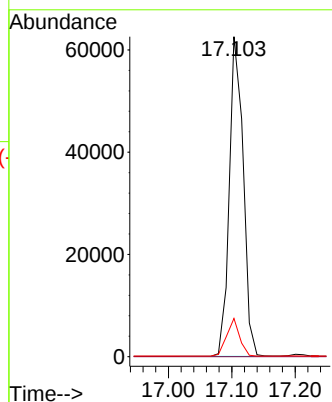


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.103 min Scan# 1387
Delta R.T. -0.012 min
Lab File: BN014982.D
Acq: 22 Jun 2021 20:16

Instrument :
BNA_N
ClientSampleId :
DUP01-20210615

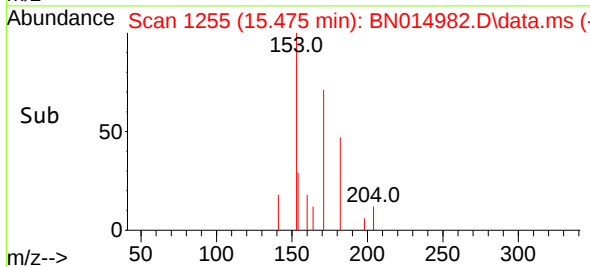
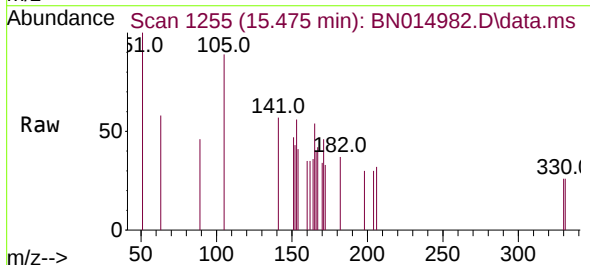
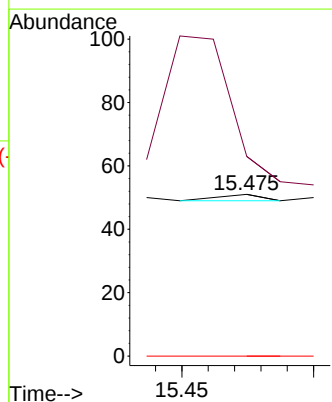


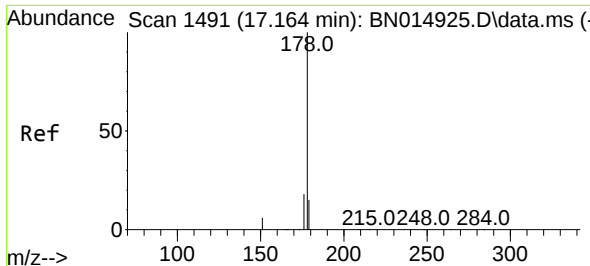
Tgt Ion:188 Resp: 95071
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.0 9.0 13.4



#20
4,6-Dinitro-2-methylphenol
Concen: 0.10 ng
RT: 15.475 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BN014982.D
Acq: 22 Jun 2021 20:16

Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
182 123.5 34.5 51.7#
77 0.0 0.0 0.0

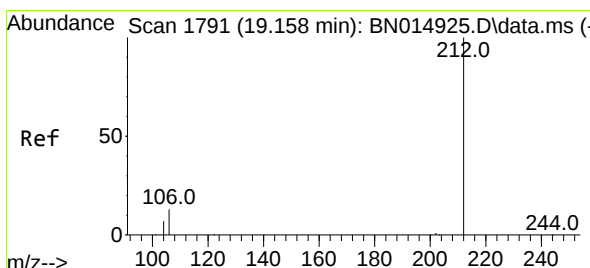
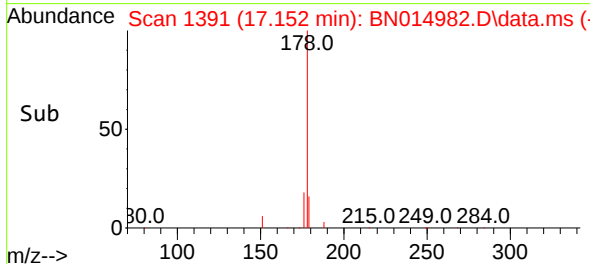
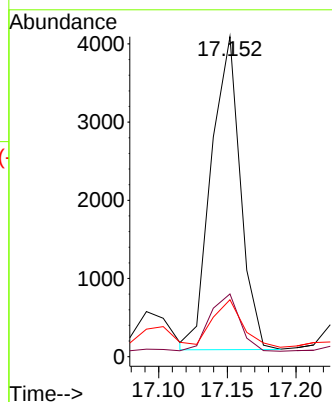
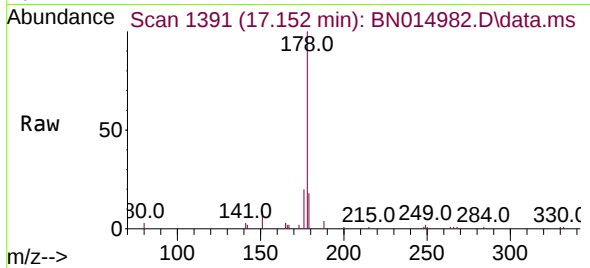




#25
Phenanthrene
Concen: 0.02 ng
RT: 17.152 min Scan# 1391
Delta R.T. -0.012 min
Lab File: BN014982.D
Acq: 22 Jun 2021 20:16

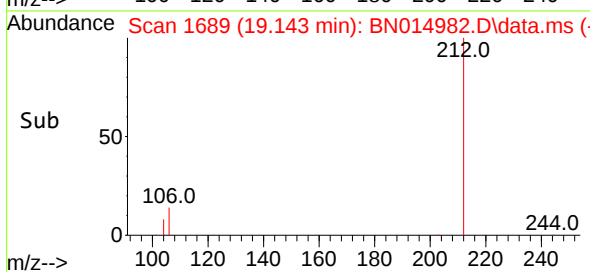
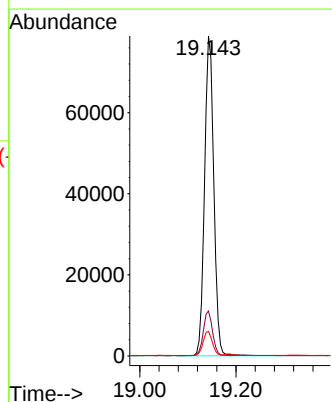
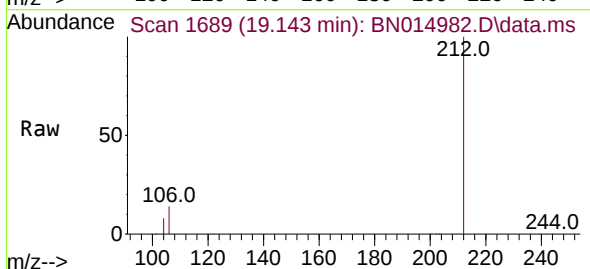
Instrument :
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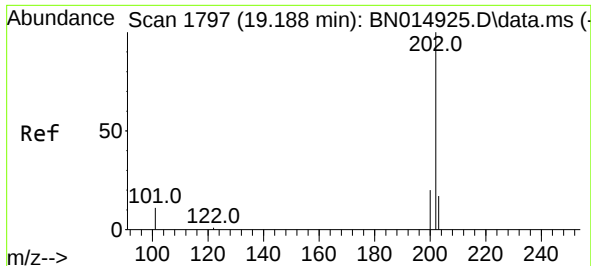
Tgt Ion:	178	Resp:	5920
Ion Ratio	Lower	Upper	
178	100		
176	20.4	15.6	23.4
179	15.9	12.1	18.1



#27
Fluoranthene-d10
Concen: 0.35 ng
RT: 19.143 min Scan# 1689
Delta R.T. -0.015 min
Lab File: BN014982.D
Acq: 22 Jun 2021 20:16

Tgt Ion:	212	Resp:	104573
Ion Ratio	Lower	Upper	
212	100		
106	13.9	7.0	10.6#
104	7.5	4.1	6.1#

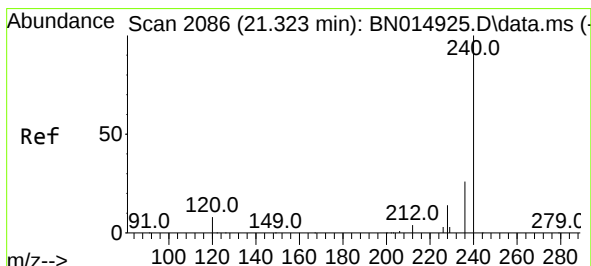
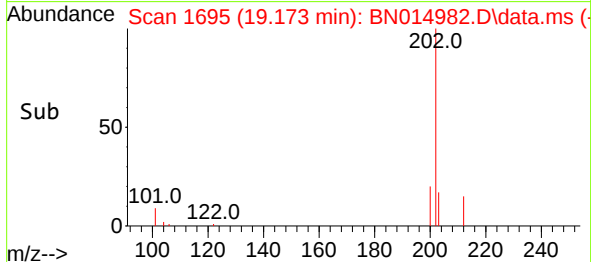
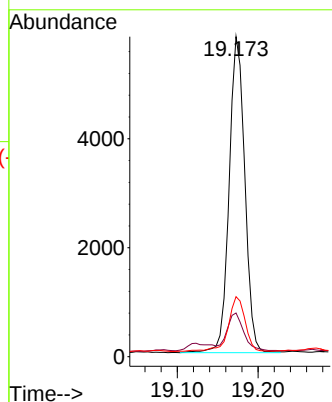
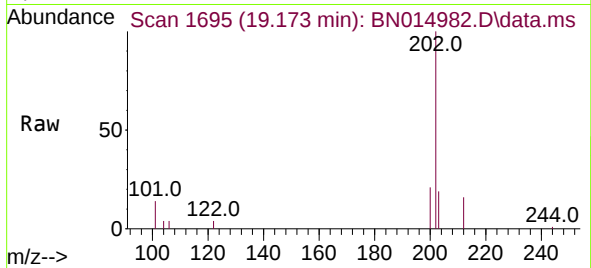




#28
Fluoranthene
Concen: 0.02 ng
RT: 19.173 min Scan# 1695
Delta R.T. -0.015 min
Lab File: BN014982.D
Acq: 22 Jun 2021 20:16

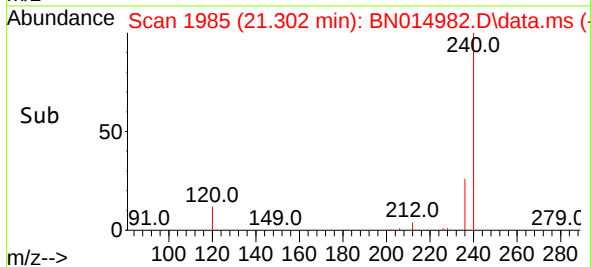
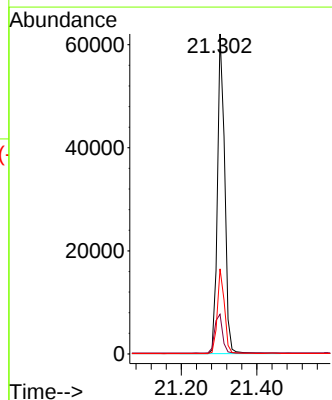
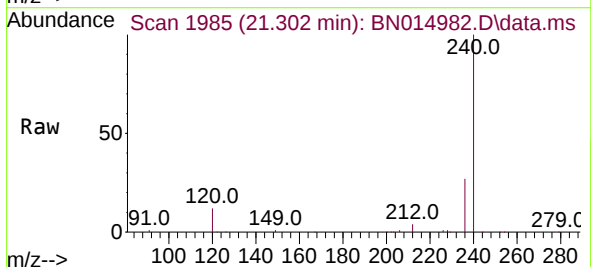
Instrument :
BNA_N
ClientSampleId :
DUP01-20210615

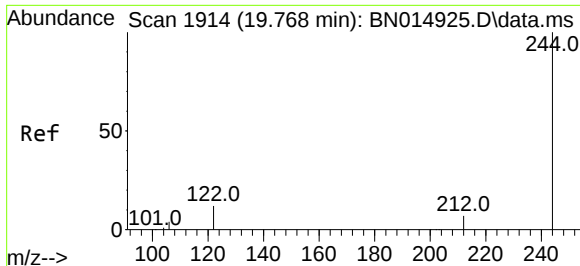
Tgt Ion:202 Resp: 7842
Ion Ratio Lower Upper
202 100
101 12.8 6.6 10.0#
203 18.7 13.9 20.9



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.302 min Scan# 1985
Delta R.T. -0.021 min
Lab File: BN014982.D
Acq: 22 Jun 2021 20:16

Tgt Ion:240 Resp: 82907
Ion Ratio Lower Upper
240 100
120 12.4 4.2 6.4#
236 26.6 21.4 32.2

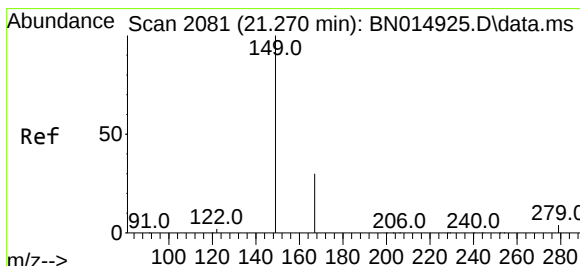
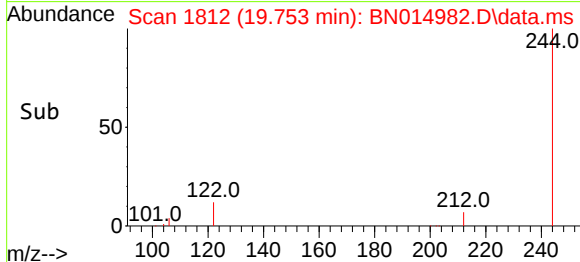
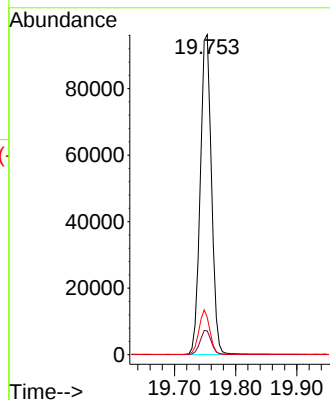
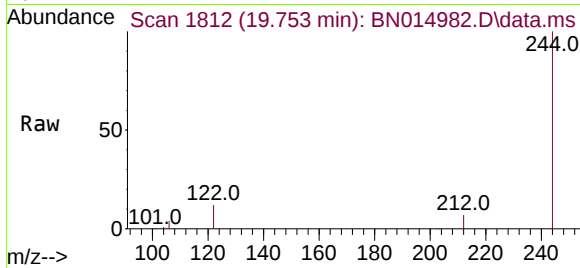




#31
Terphenyl-d14
Concen: 0.59 ng
RT: 19.753 min Scan# 1812
Delta R.T. -0.015 min
Lab File: BN014982.D
Acq: 22 Jun 2021 20:16

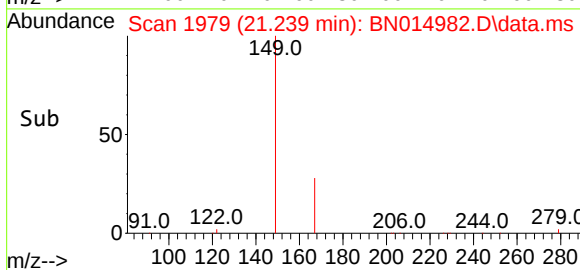
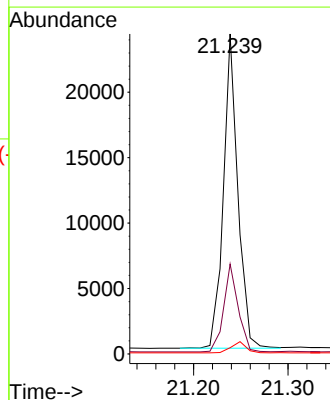
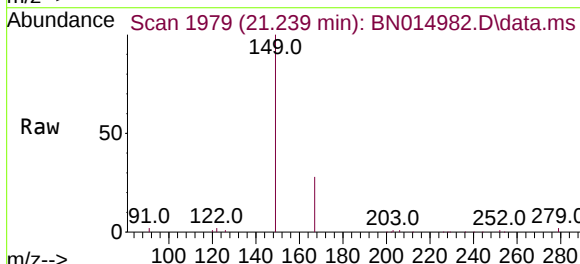
Instrument :
BNA_N
ClientSampleId :
DUP01-20210615

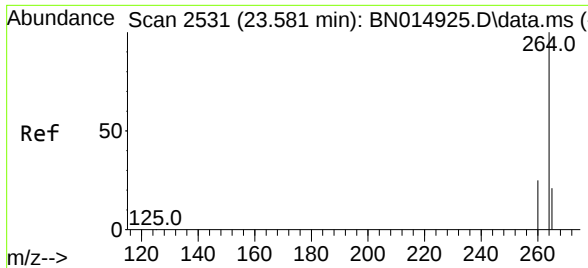
Tgt Ion:244 Resp: 121944
Ion Ratio Lower Upper
244 100
212 7.5 6.3 9.5
122 11.7 6.2 9.2#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.12 ng
RT: 21.239 min Scan# 1979
Delta R.T. -0.032 min
Lab File: BN014982.D
Acq: 22 Jun 2021 20:16

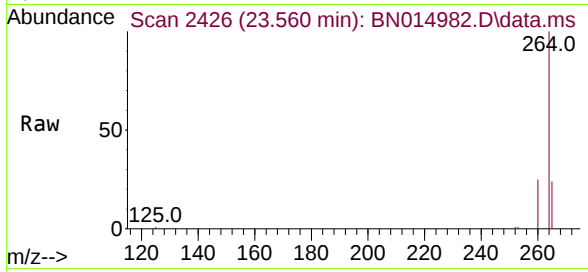
Tgt Ion:149 Resp: 25542
Ion Ratio Lower Upper
149 100
167 28.0 28.9 43.3#
279 3.7 4.9 7.3#





#35
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.560 min Scan# 2426
 Delta R.T. -0.020 min
 Lab File: BN014982.D
 Acq: 22 Jun 2021 20:16

Instrument :
 BNA_N
 ClientSampleId :
 DUP01-20210615



Tgt Ion:264 Resp: 71467

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.6	31.0
265	24.1	21.4	32.2

