

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN063021\
 Data File : BN015233.D
 Acq On : 30 Jun 2021 21:39
 Operator : CG/JU
 Sample : M2805-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 FB03-20210619

Quant Time: Jul 01 02:06:25 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 30 15:55:37 2021
 Response via : Initial Calibration

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

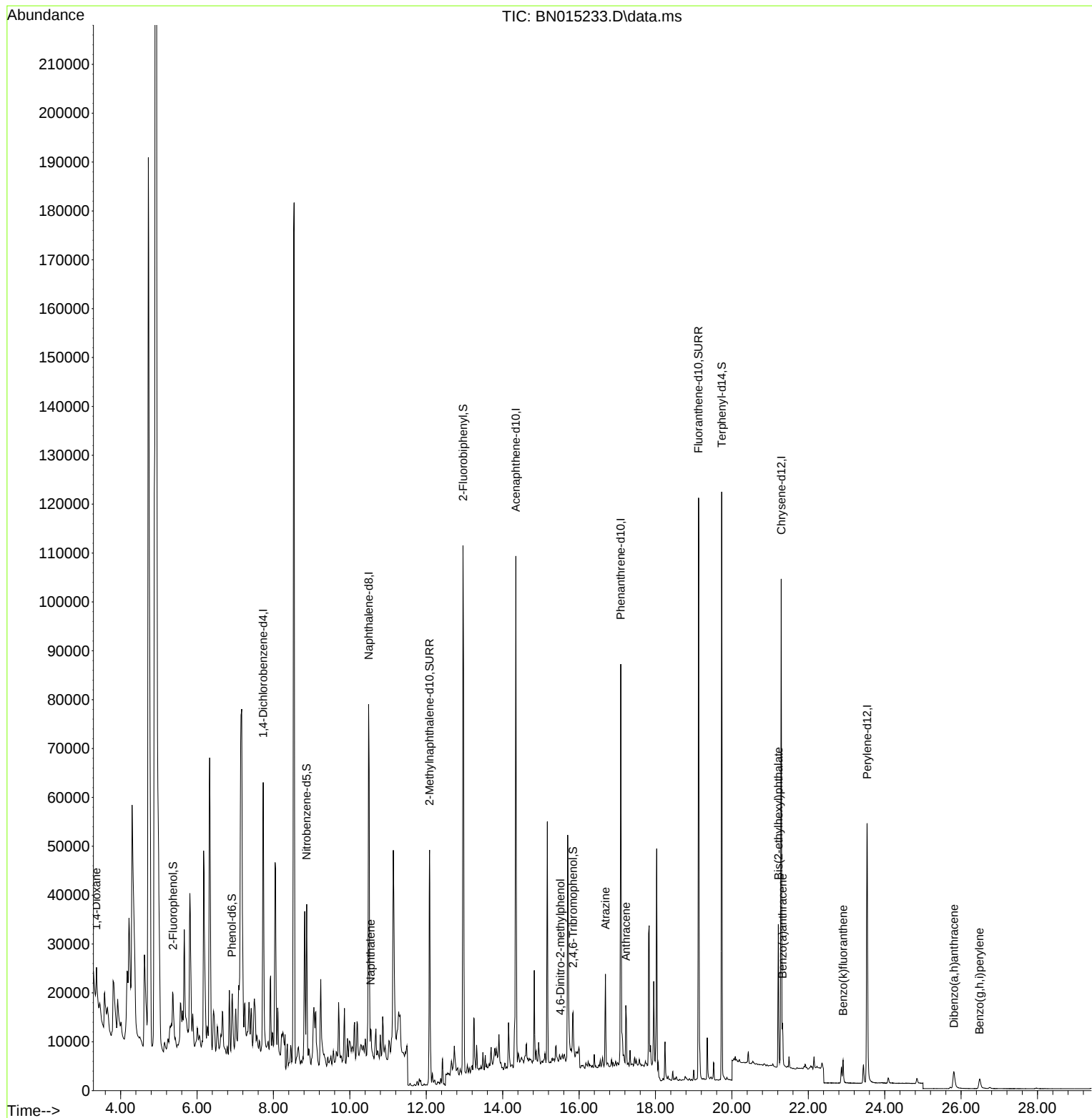
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.732	152	21438	0.40	ng	# 0.00
7) Naphthalene-d8	10.493	136	100698	0.40	ng	# 0.00
13) Acenaphthene-d10	14.346	164	56393	0.40	ng	0.00
19) Phenanthrene-d10	17.092	188	110929	0.40	ng	0.00
29) Chrysene-d12	21.292	240	91084	0.40	ng	#-0.01
35) Perylene-d12	23.540	264	74798	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.371	112	10912	0.20	ng	0.00
5) Phenol-d6	6.911	99	7964	0.12	ng	0.00
8) Nitrobenzene-d5	8.870	82	25908	0.45	ng	0.00
11) 2-Methylnaphthalene-d10	12.088	152	65005	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.843	330	7735	0.51	ng	0.00
15) 2-Fluorobiphenyl	12.963	172	94640	0.41	ng	0.00
27) Fluoranthene-d10	19.128	212	133453	0.41	ng	0.00
31) Terphenyl-d14	19.734	244	117859	0.55	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.361	88	839	0.08	ng	# 1
9) Naphthalene	10.543	128	6082	0.02	ng	# 88
20) 4,6-Dinitro-2-methylph...	15.513	198	56	0.03	ng	# 1
23) Atrazine	16.690	200	2230	0.05	ng	# 85
26) Anthracene	17.225	178	7013	0.02	ng	# 77
32) Benzo(a)anthracene	21.324	228	6512	0.02	ng	94
34) Bis(2-ethylhexyl)phtha...	21.218	149	28514	0.28	ng	# 87
38) Benzo(k)fluoranthene	22.910	252	6459	0.02	ng	# 86
40) Dibenzo(a,h)anthracene	25.816	278	4459	0.02	ng	# 84
41) Benzo(g,h,i)perylene	26.484	276	5020	0.02	ng	# 83

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

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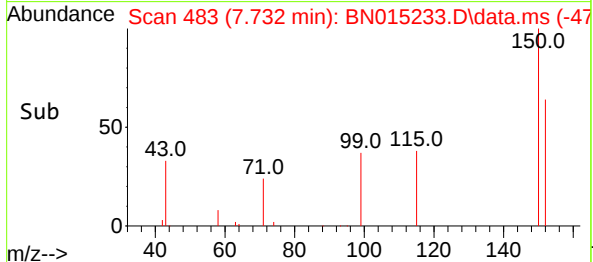
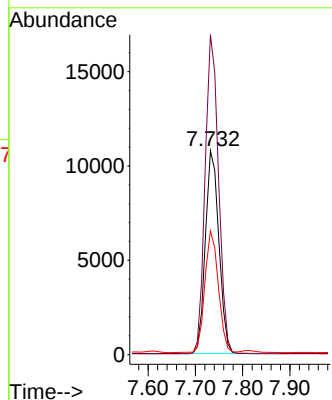
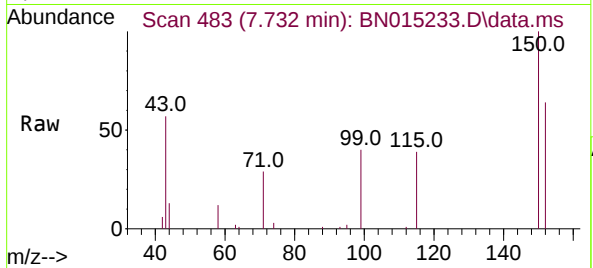




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.732 min Scan# 483
 Delta R.T. -0.000 min
 Lab File: BN015233.D
 Acq: 30 Jun 2021 21:39

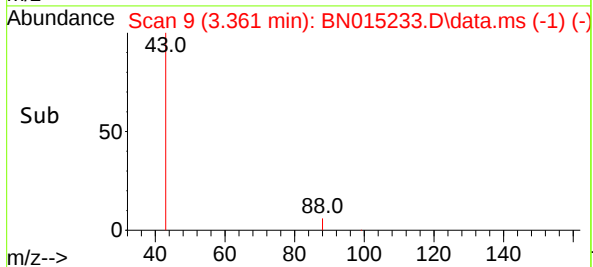
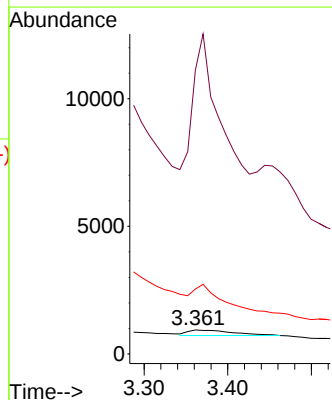
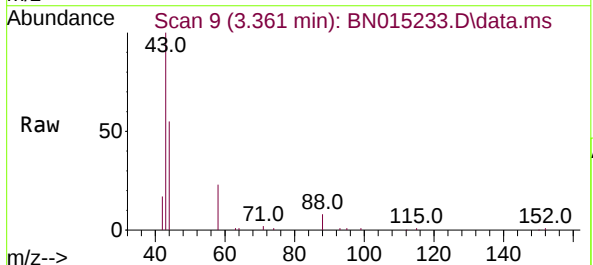
Instrument :
 BNA_N
 ClientSampleId :
 FB03-20210619

Tgt Ion: 152 Resp: 21438
 Ion Ratio Lower Upper
 152 100
 150 156.9 119.0 178.6
 115 60.7 62.2 93.4#



#2
 1,4-Dioxane
 Concen: 0.08 ng
 RT: 3.361 min Scan# 9
 Delta R.T. 0.009 min
 Lab File: BN015233.D
 Acq: 30 Jun 2021 21:39

Tgt Ion: 88 Resp: 839
 Ion Ratio Lower Upper
 88 100
 43 1217.2 12.9 19.3#
 58 315.6 38.1 57.1#

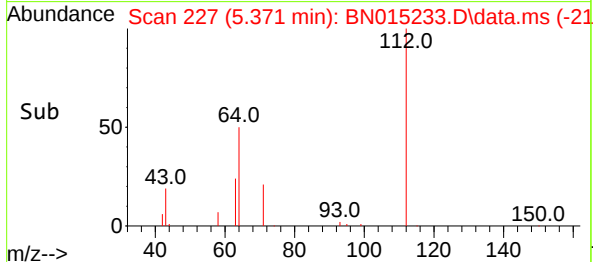
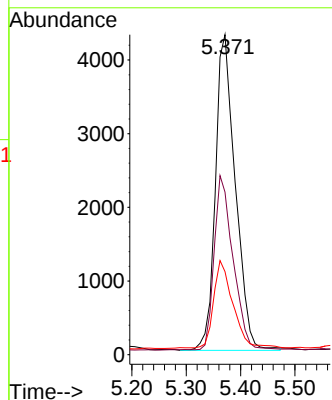
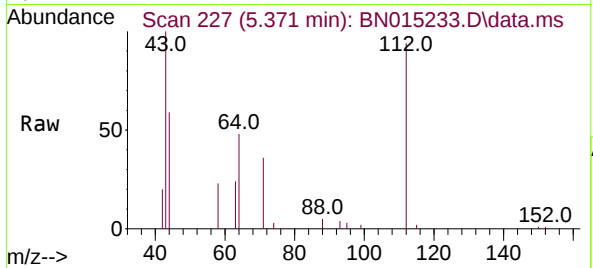




#4
2-Fluorophenol
Concen: 0.20 ng
RT: 5.371 min Scan# 227
Delta R.T. 0.009 min
Lab File: BN015233.D
Acq: 30 Jun 2021 21:39

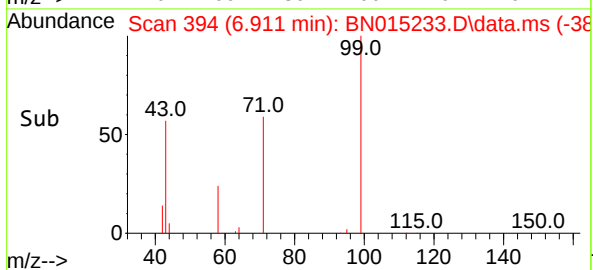
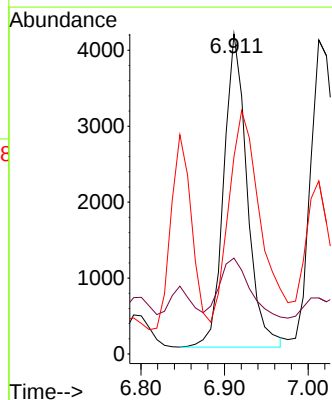
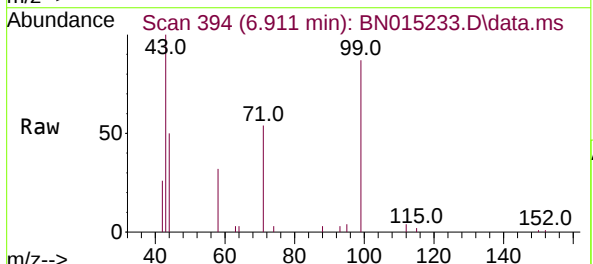
Instrument :
BNA_N
ClientSampleId :
FB03-20210619

Tgt Ion:112 Resp: 10912
Ion Ratio Lower Upper
112 100
64 52.3 39.0 58.6
63 27.0 20.6 30.8



#5
Phenol-d6
Concen: 0.12 ng
RT: 6.911 min Scan# 394
Delta R.T. 0.009 min
Lab File: BN015233.D
Acq: 30 Jun 2021 21:39

Tgt Ion: 99 Resp: 7964
Ion Ratio Lower Upper
99 100
42 23.3 8.9 13.3#
71 88.2 35.6 53.4#

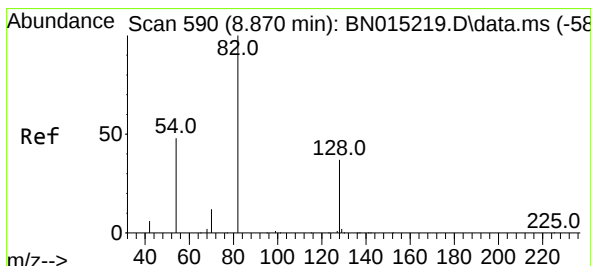
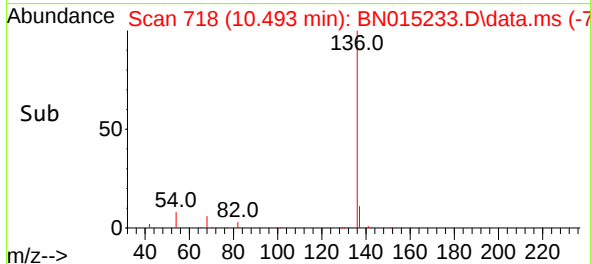
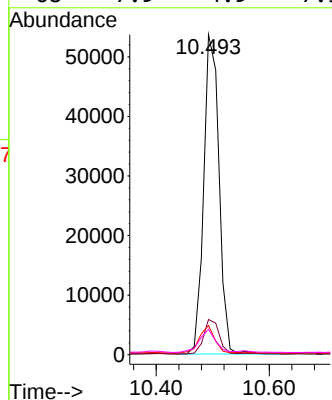
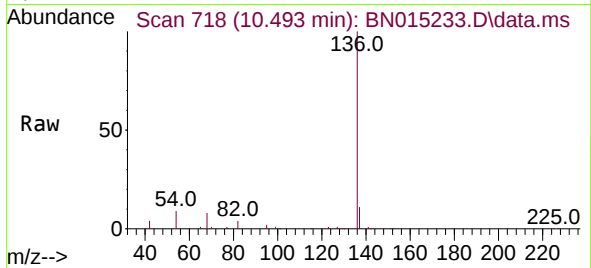




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.493 min Scan# 718
Delta R.T. 0.000 min
Lab File: BN015233.D
Acq: 30 Jun 2021 21:39

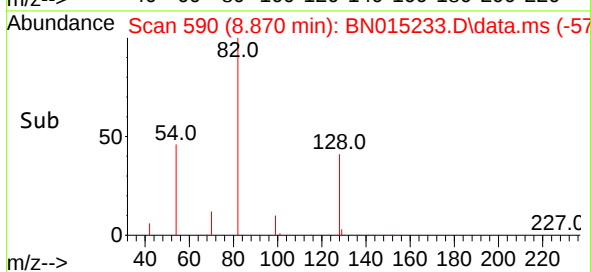
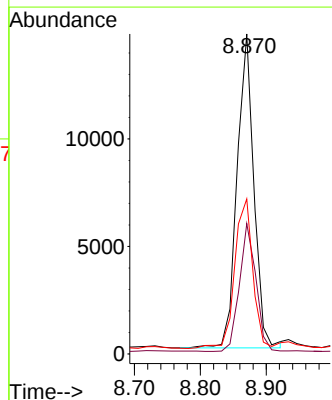
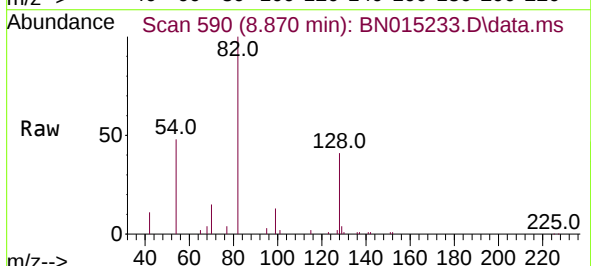
Instrument :
BNA_N
ClientSampleId :
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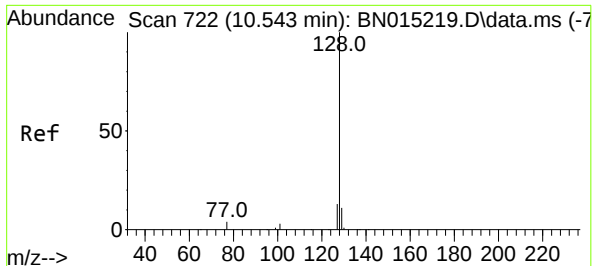
Tgt Ion:136 Resp: 100698
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.8
54 9.2 5.4 8.2#
68 7.9 4.9 7.3#



#8
Nitrobenzene-d5
Concen: 0.45 ng
RT: 8.870 min Scan# 590
Delta R.T. 0.000 min
Lab File: BN015233.D
Acq: 30 Jun 2021 21:39

Tgt Ion: 82 Resp: 25908
Ion Ratio Lower Upper
82 100
128 40.8 31.6 47.4
54 48.4 29.0 43.4#

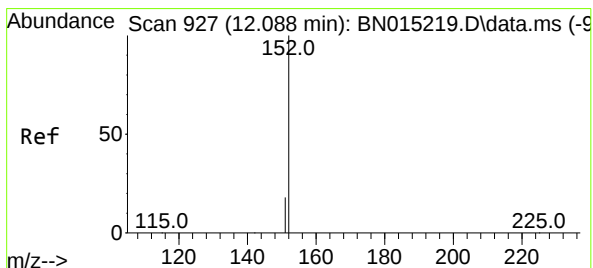
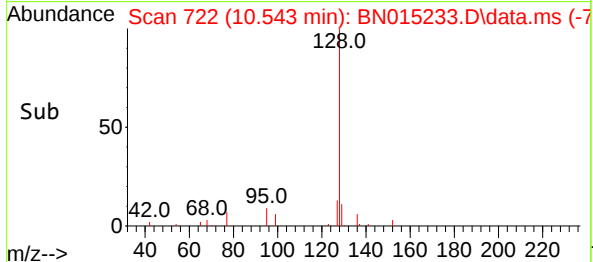
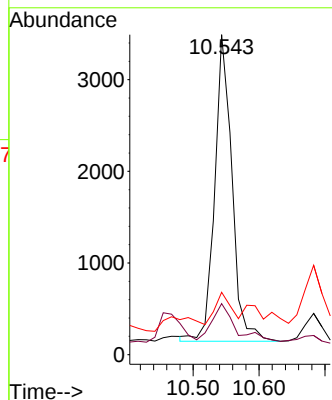
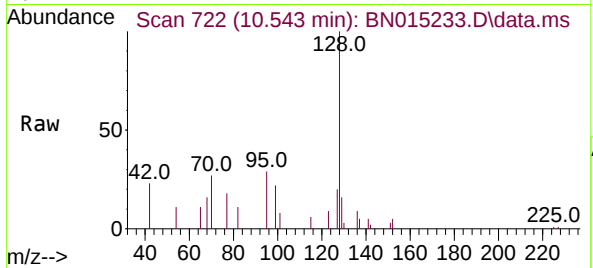




#9
Naphthalene
Concen: 0.02 ng
RT: 10.543 min Scan# 722
Delta R.T. 0.000 min
Lab File: BN015233.D
Acq: 30 Jun 2021 21:39

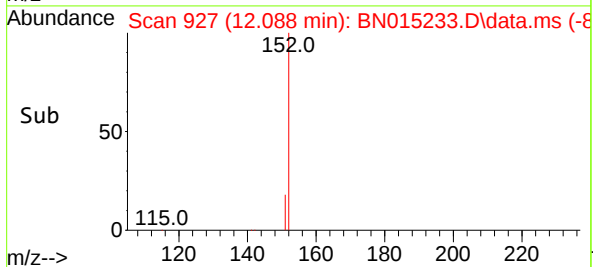
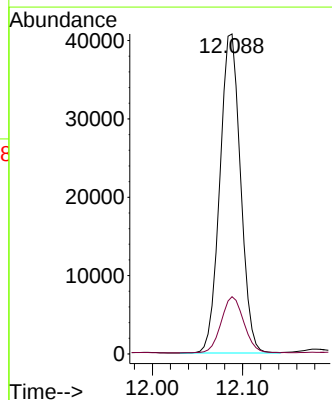
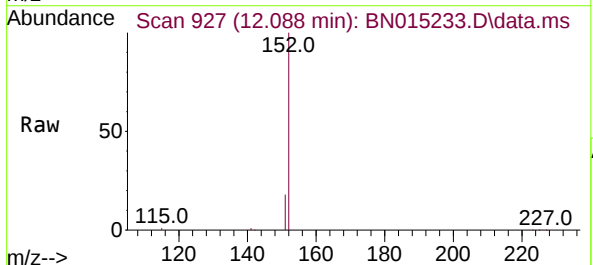
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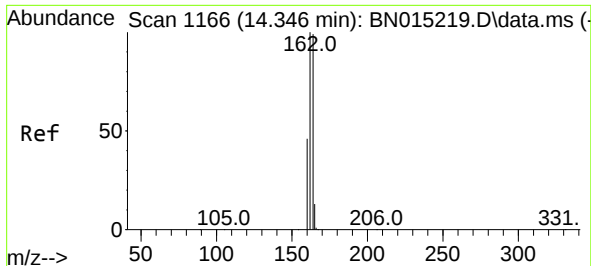
Tgt Ion:128 Resp: 6082
Ion Ratio Lower Upper
128 100
129 16.0 9.1 13.7#
127 19.5 11.8 17.6#



#11
2-Methylnaphthalene-d10
Concen: 0.39 ng
RT: 12.088 min Scan# 927
Delta R.T. 0.000 min
Lab File: BN015233.D
Acq: 30 Jun 2021 21:39

Tgt Ion:152 Resp: 65005
Ion Ratio Lower Upper
152 100
151 19.2 16.7 25.1

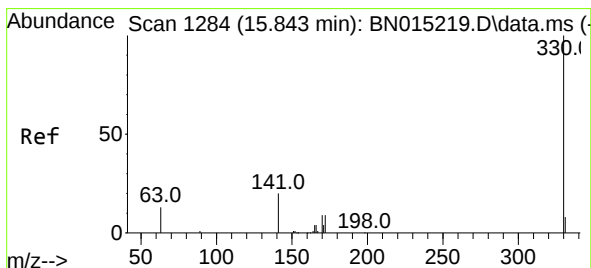
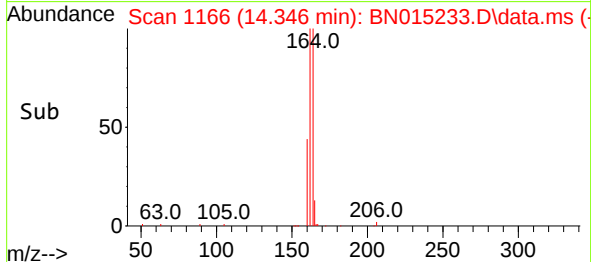
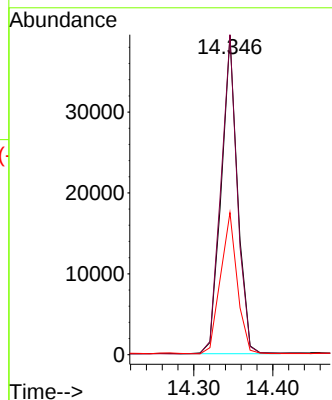
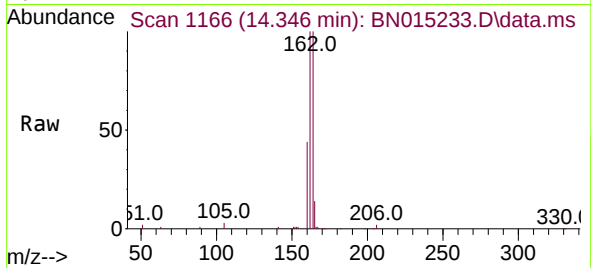




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.346 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BN015233.D
Acq: 30 Jun 2021 21:39

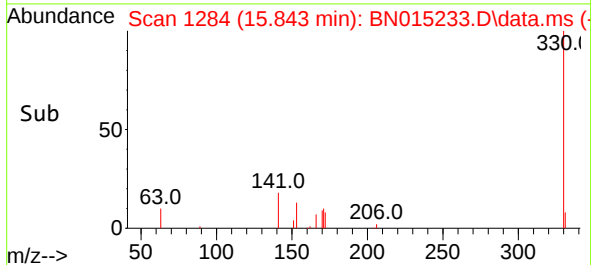
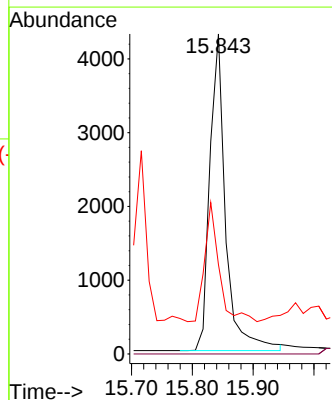
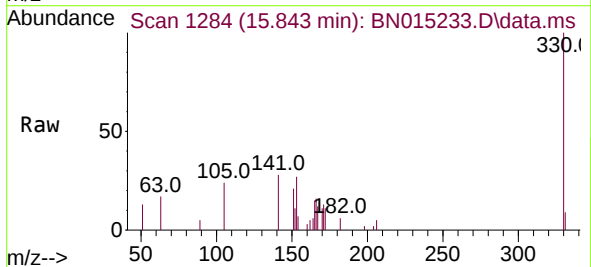
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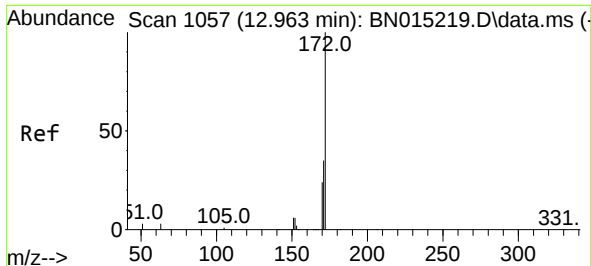
Tgt Ion:164 Resp: 56393
Ion Ratio Lower Upper
164 100
162 100.2 83.8 125.6
160 44.5 37.4 56.0



#14
2,4,6-Tribromophenol
Concen: 0.51 ng
RT: 15.843 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BN015233.D
Acq: 30 Jun 2021 21:39

Tgt Ion:330 Resp: 7735
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 34.2 22.4 33.6#

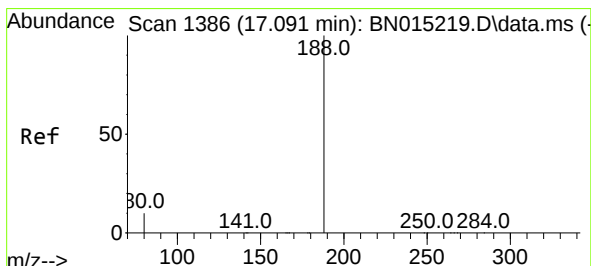
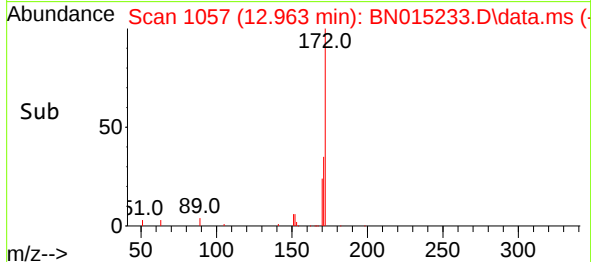
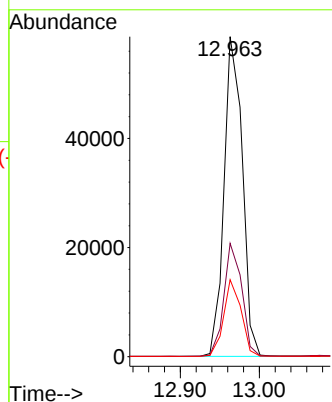
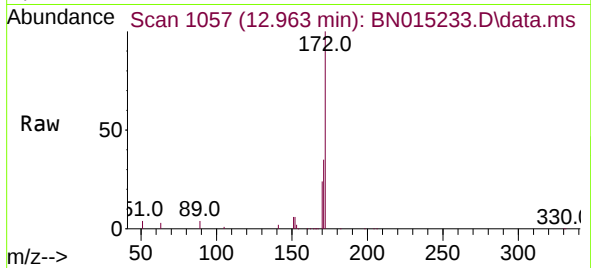




#15
2-Fluorobiphenyl
Concen: 0.41 ng
RT: 12.963 min Scan# 1057
Delta R.T. 0.000 min
Lab File: BN015233.D
Acq: 30 Jun 2021 21:39

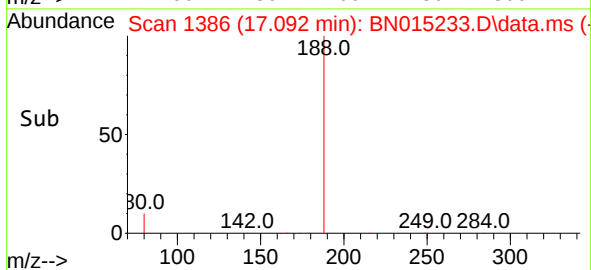
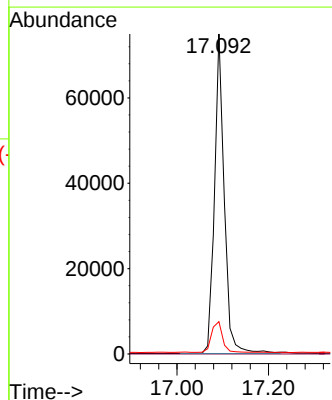
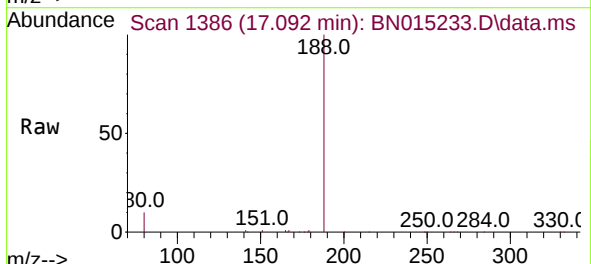
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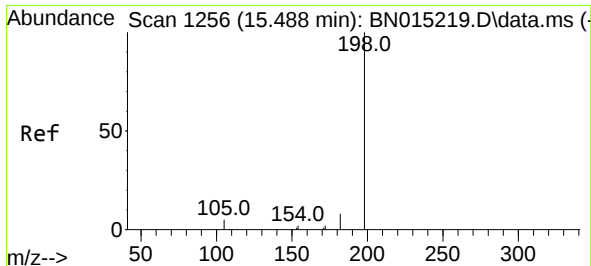
Tgt Ion:172	Resp:	94640
Ion Ratio	Lower	Upper
172	100	
171	35.4	30.6 45.8
170	24.1	20.2 30.4



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.092 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BN015233.D
Acq: 30 Jun 2021 21:39

Tgt Ion:188	Resp:	110929
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	10.1	9.0 13.4

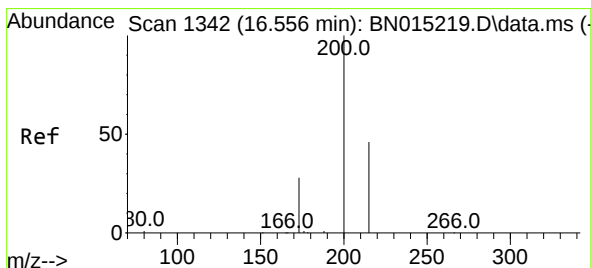
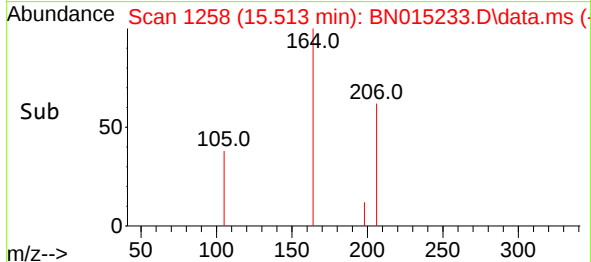
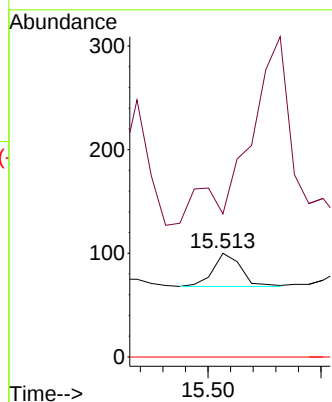
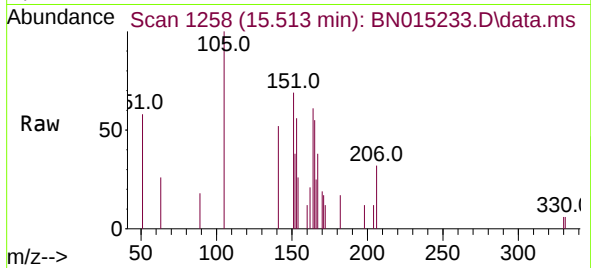




#20
4,6-Dinitro-2-methylphenol
Concen: 0.03 ng
RT: 15.513 min Scan# 1258
Delta R.T. 0.025 min
Lab File: BN015233.D
Acq: 30 Jun 2021 21:39

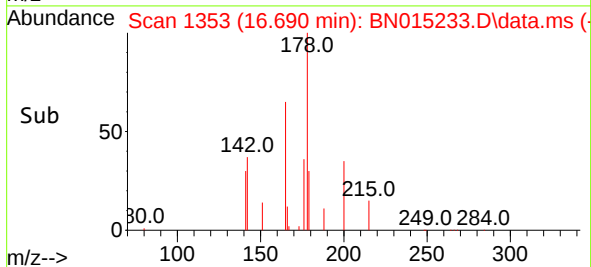
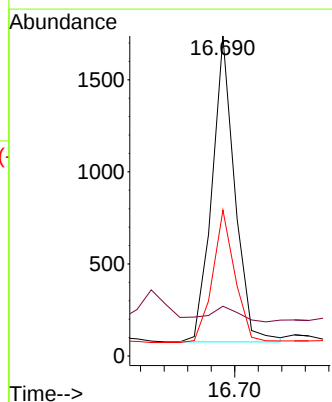
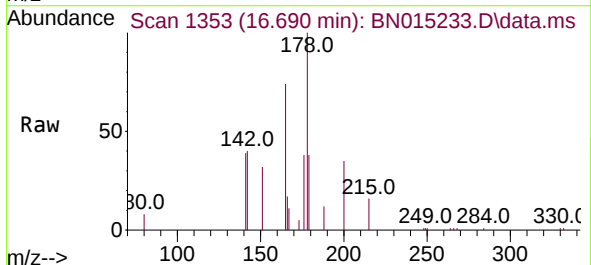
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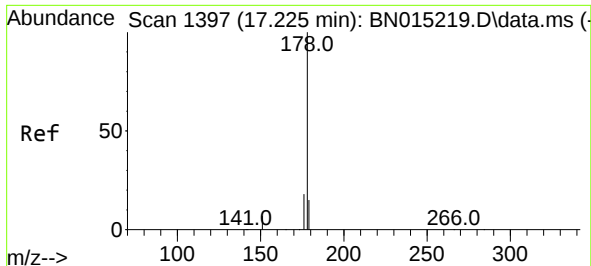
Tgt Ion:198 Resp: 56
Ion Ratio Lower Upper
198 100
182 138.0 34.5 51.7#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.05 ng
RT: 16.690 min Scan# 1353
Delta R.T. 0.134 min
Lab File: BN015233.D
Acq: 30 Jun 2021 21:39

Tgt Ion:200 Resp: 2230
Ion Ratio Lower Upper
200 100
173 15.5 21.7 32.5#
215 45.6 43.1 64.7

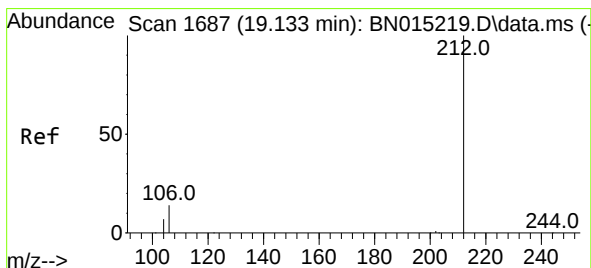
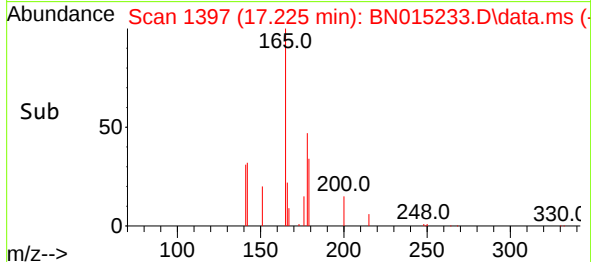
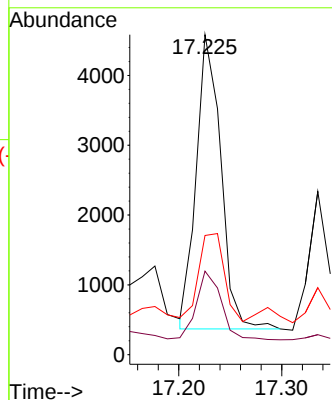
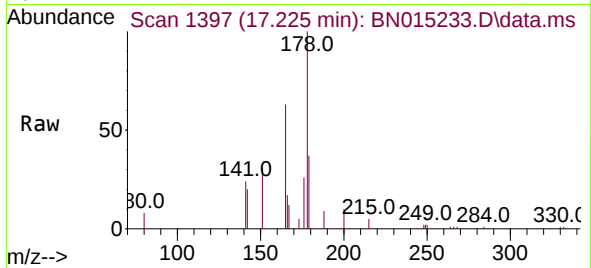




#26
 Anthracene
 Concen: 0.02 ng
 RT: 17.225 min Scan# 1397
 Delta R.T. 0.000 min
 Lab File: BN015233.D
 Acq: 30 Jun 2021 21:39

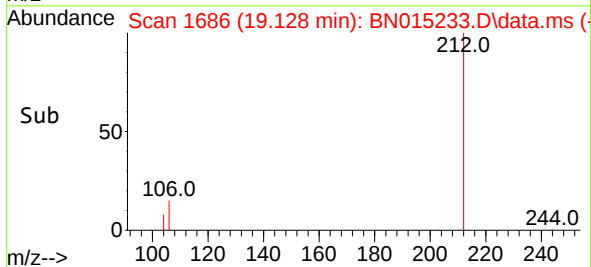
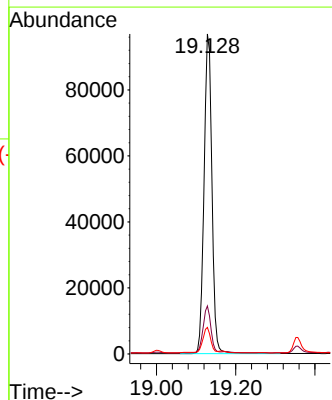
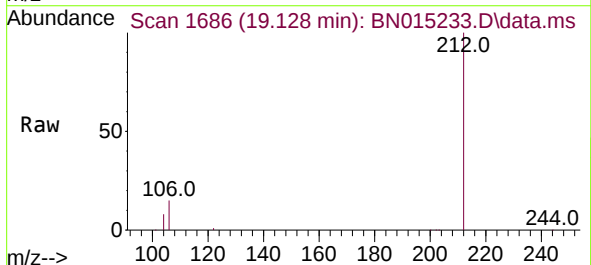
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 ClientSampleId :
 FB03-20210619

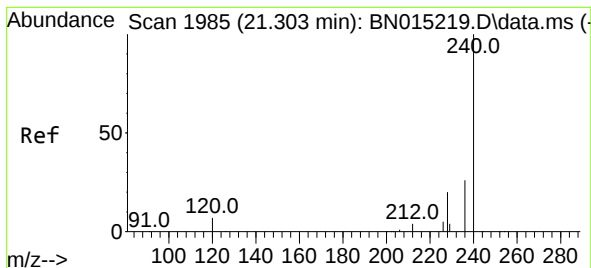
Tgt Ion:	178	Resp:	7013
Ion Ratio	Lower	Upper	
178	100		
176	23.7	15.1	22.7#
179	30.9	12.2	18.2#



#27
 Fluoranthene-d10
 Concen: 0.41 ng
 RT: 19.128 min Scan# 1686
 Delta R.T. -0.005 min
 Lab File: BN015233.D
 Acq: 30 Jun 2021 21:39

Tgt Ion:	212	Resp:	133453
Ion Ratio	Lower	Upper	
212	100		
106	14.3	7.0	10.6#
104	8.1	4.1	6.1#





#29

Chrysene-d12

Concen: 0.40 ng

RT: 21.292 min Scan# 1984

Delta R.T. -0.011 min

Lab File: BN015233.D

Acq: 30 Jun 2021 21:39

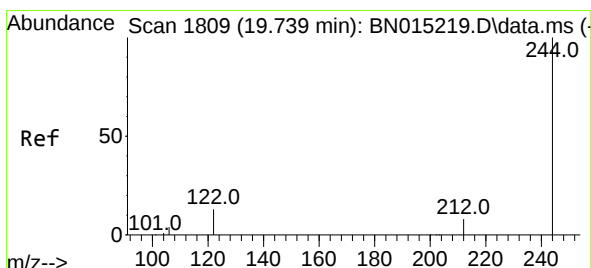
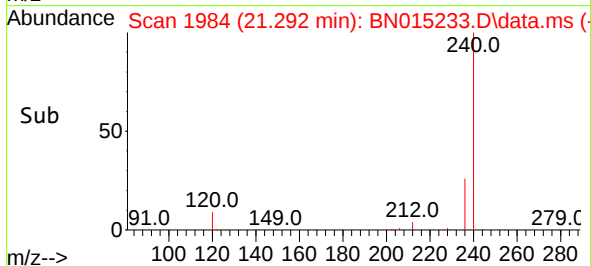
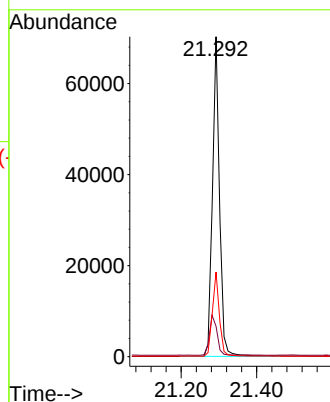
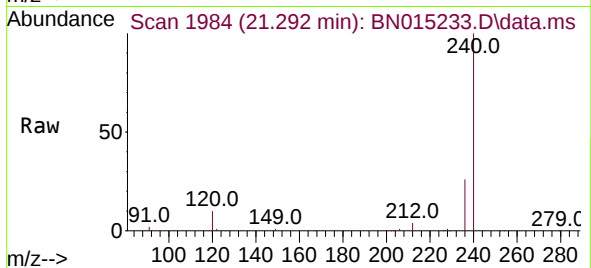
Tgt Ion:	240	Resp:	91084
Ion Ratio	Lower	Upper	
240	100		
120	9.5	4.2	6.4#
236	26.5	21.4	32.2

Instrument :

BNA_N

ClientSampleId :

FB03-20210619



#31

Terphenyl-d14

Concen: 0.55 ng

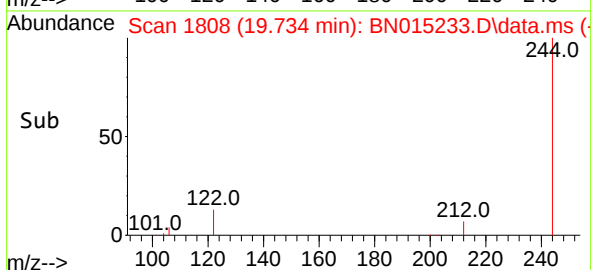
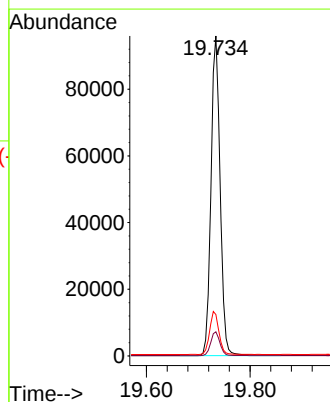
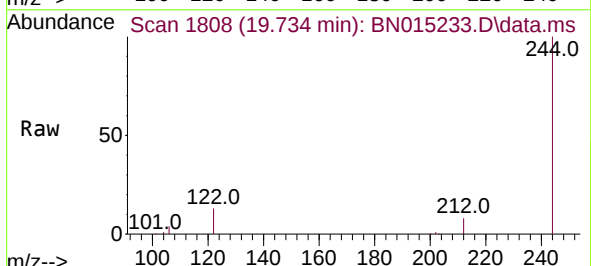
RT: 19.734 min Scan# 1808

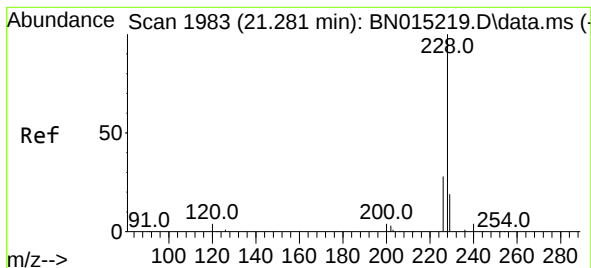
Delta R.T. -0.005 min

Lab File: BN015233.D

Acq: 30 Jun 2021 21:39

Tgt Ion:	244	Resp:	117859
Ion Ratio	Lower	Upper	
244	100		
212	7.6	6.3	9.5
122	13.0	6.2	9.2#





#32

Benzo(a)anthracene

Concen: 0.02 ng

RT: 21.324 min Scan# 1987

Delta R.T. 0.043 min

Lab File: BN015233.D

Acq: 30 Jun 2021 21:39

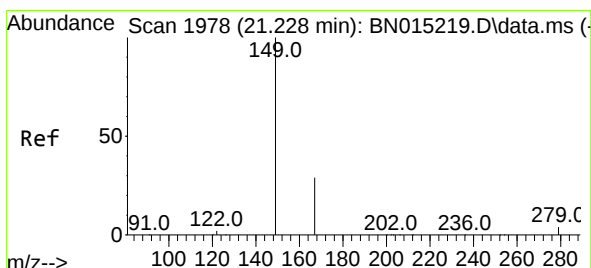
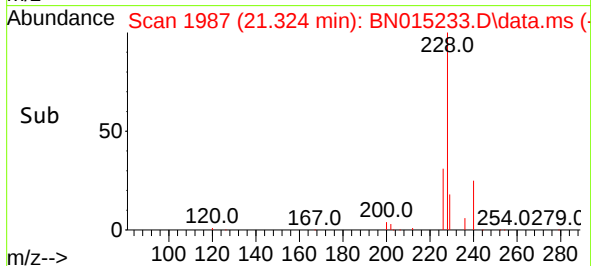
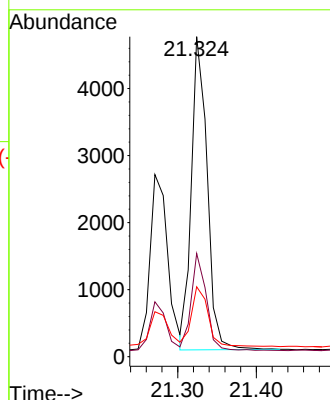
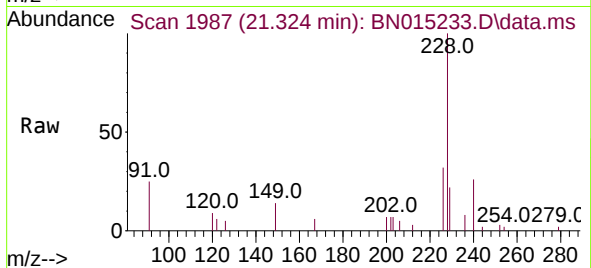
Tgt Ion:	228	Resp:	6512
Ion Ratio	Lower	Upper	
228	100		
226	32.3	23.0	34.6
229	21.9	15.7	23.5

Instrument :

BNA_N

ClientSampleId :

FB03-20210619



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.28 ng

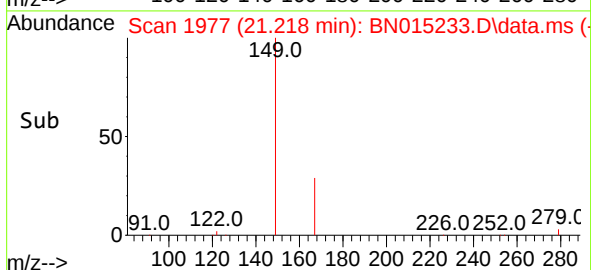
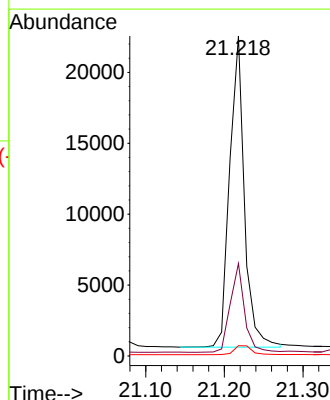
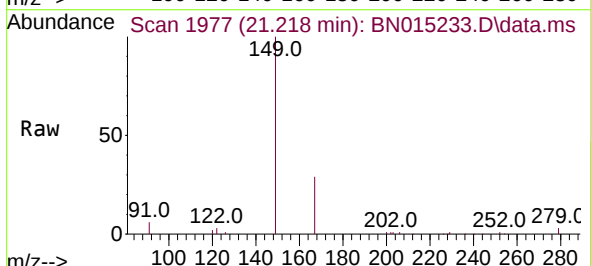
RT: 21.218 min Scan# 1977

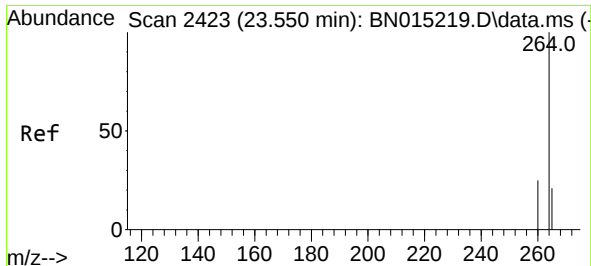
Delta R.T. -0.011 min

Lab File: BN015233.D

Acq: 30 Jun 2021 21:39

Tgt Ion:	149	Resp:	28514
Ion Ratio	Lower	Upper	
149	100		
167	27.8	28.9	43.3#
279	3.5	4.9	7.3#

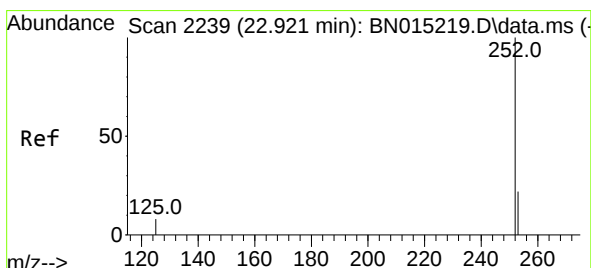
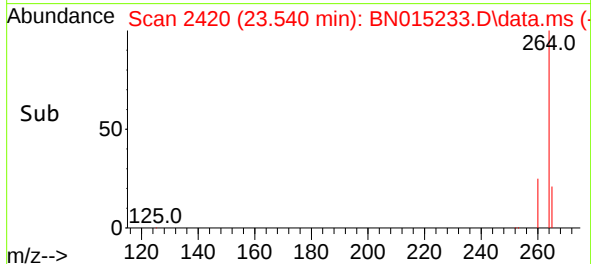
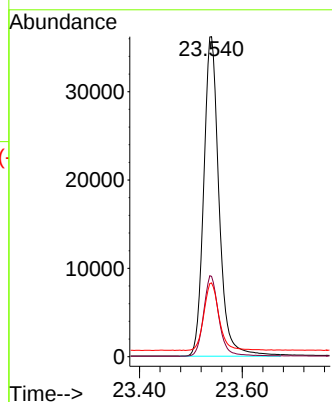
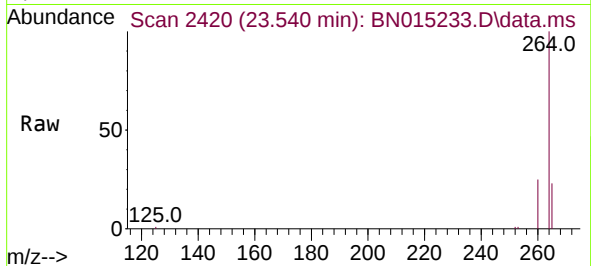




#35
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.540 min Scan# 2420
 Delta R.T. -0.010 min
 Lab File: BN015233.D
 Acq: 30 Jun 2021 21:39

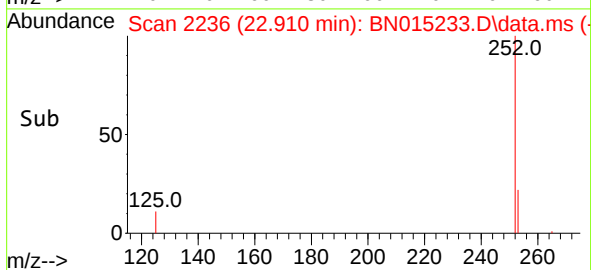
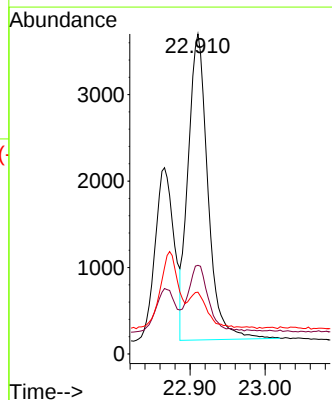
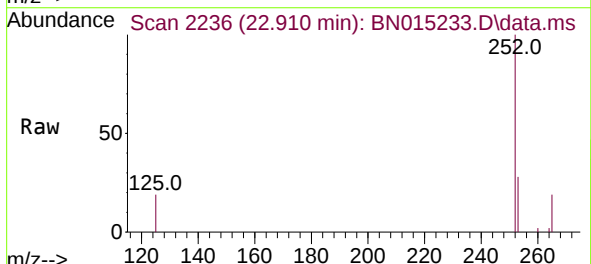
Instrument :
 BNA_N
 ClientSampleId :
 FB03-20210619

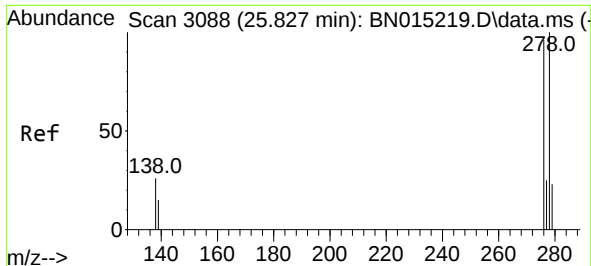
Tgt Ion:264 Resp: 74798
 Ion Ratio Lower Upper
 264 100
 260 25.1 20.6 31.0
 265 23.0 21.4 32.2



#38
 Benzo(k)fluoranthene
 Concen: 0.02 ng
 RT: 22.910 min Scan# 2236
 Delta R.T. -0.010 min
 Lab File: BN015233.D
 Acq: 30 Jun 2021 21:39

Tgt Ion:252 Resp: 6459
 Ion Ratio Lower Upper
 252 100
 253 27.7 19.1 28.7
 125 19.3 5.4 8.0#

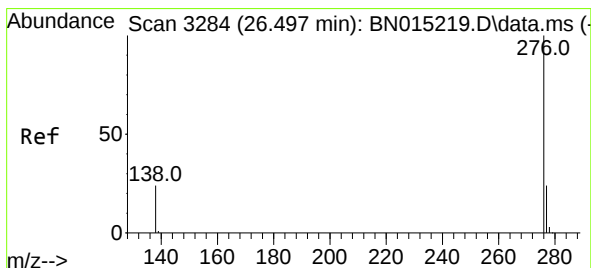
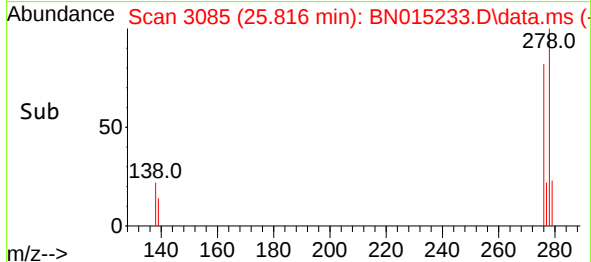
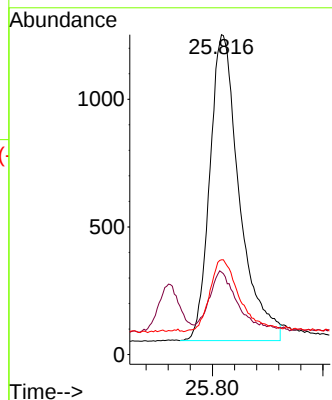
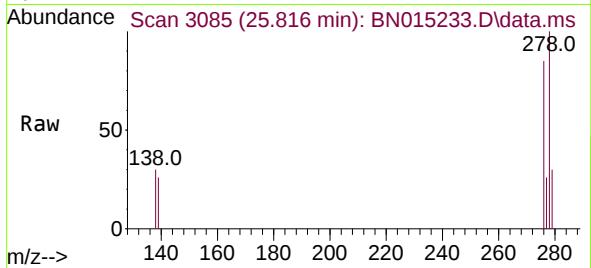




#40
Dibenzo(a,h)anthracene
Concen: 0.02 ng
RT: 25.816 min Scan# 3085
Delta R.T. -0.010 min
Lab File: BN015233.D
Acq: 30 Jun 2021 21:39

Instrument :
BNA_N
ClientSampleId :
FB03-20210619

Tgt Ion:278 Resp: 4459
Ion Ratio Lower Upper
278 100
139 25.8 9.0 13.4#
279 29.6 21.0 31.4



#41
Benzo(g,h,i)perylene
Concen: 0.02 ng
RT: 26.484 min Scan# 3280
Delta R.T. -0.014 min
Lab File: BN015233.D
Acq: 30 Jun 2021 21:39

Tgt Ion:276 Resp: 5020
Ion Ratio Lower Upper
276 100
277 27.3 19.7 29.5
138 28.5 9.8 14.6#

