

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052121\
 Data File : BN014696.D
 Acq On : 21 May 2021 16:48
 Operator : CG/JU
 Sample : M2383-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 FB-01-05112021

Quant Time: May 21 17:16:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN051121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 21 11:30:28 2021
 Response via : Initial Calibration

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

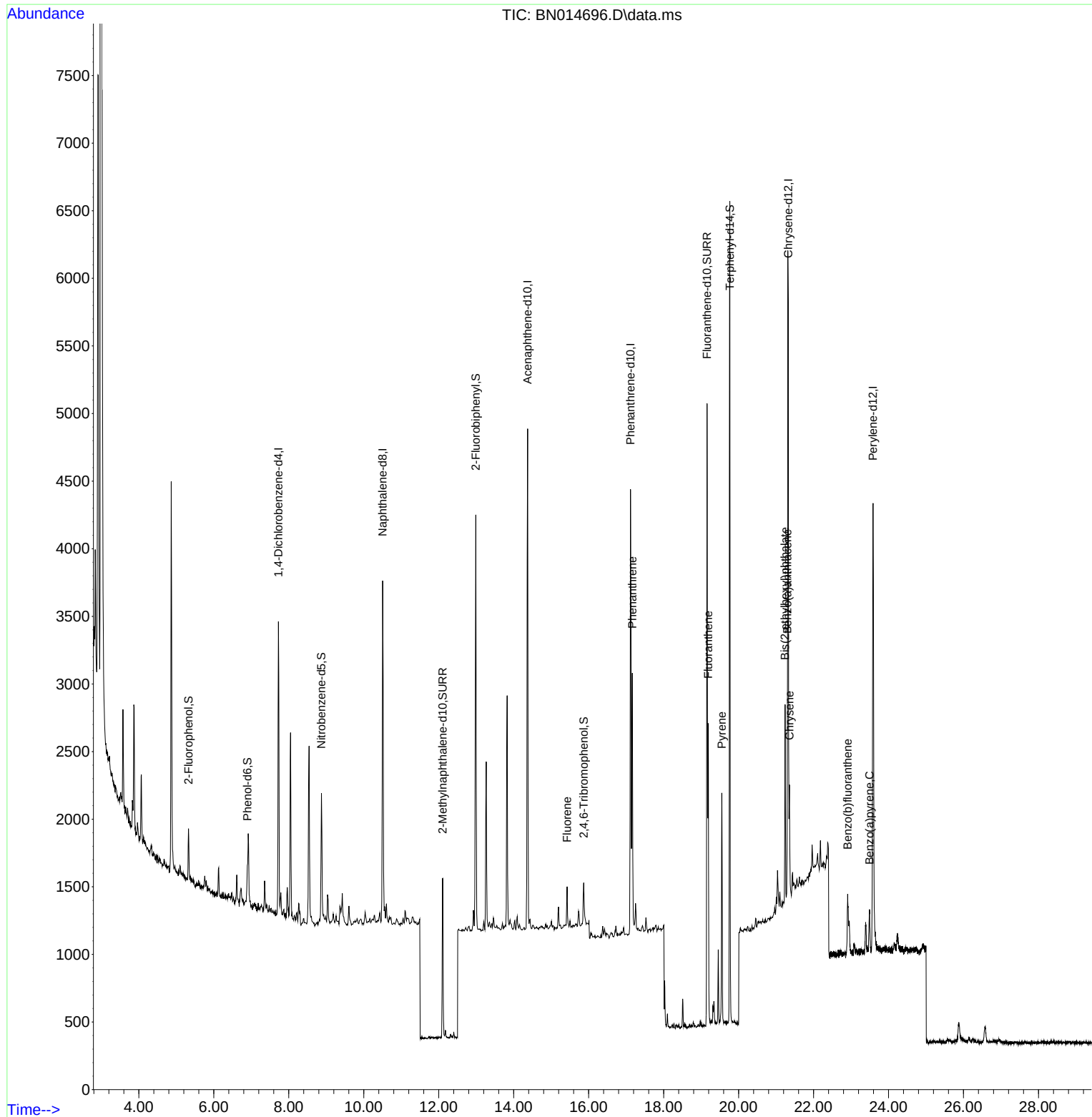
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.725	152	962	0.40	ng	# 0.00
7) Naphthalene-d8	10.505	136	3425	0.40	ng	# 0.00
13) Acenaphthene-d10	14.372	164	2286	0.40	ng	0.00
19) Phenanthrene-d10	17.116	188	4817	0.40	ng	# 0.00
29) Chrysene-d12	21.324	240	4961	0.40	ng	# 0.01
35) Perylene-d12	23.585	264	4756	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.325	112	306	0.12	ng	0.00
5) Phenol-d6	6.895	99	236	0.07	ng	0.00
8) Nitrobenzene-d5	8.870	82	955	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	12.102	152	1638	0.20	ng	0.00
14) 2,4,6-Tribromophenol	15.869	330	295	0.28	ng	0.00
15) 2-Fluorobiphenyl	12.989	172	2611	0.31	ng	0.00
27) Fluoranthene-d10	19.159	212	5454	0.25	ng	0.00
31) Terphenyl-d14	19.764	244	6339	0.54	ng	0.00
Target Compounds						
18) Fluorene	15.425	166	208	0.02	ng	Qvalue # 91
25) Phenanthrene	17.165	178	2155	0.16	ng	98
28) Fluoranthene	19.188	202	1963	0.11	ng	95
30) Pyrene	19.551	202	1566	0.12	ng	97
32) Benzo(a)anthracene	21.303	228	730	0.05	ng	# 84
33) Chrysene	21.356	228	705	0.05	ng	# 86
34) Bis(2-ethylhexyl)phtha...	21.239	149	1165	0.29	ng	# 78
37) Benzo(b)fluoranthene	22.911	252	663	0.04	ng	# 23
39) Benzo(a)pyrene	23.493	252	410	0.03	ng	# 7

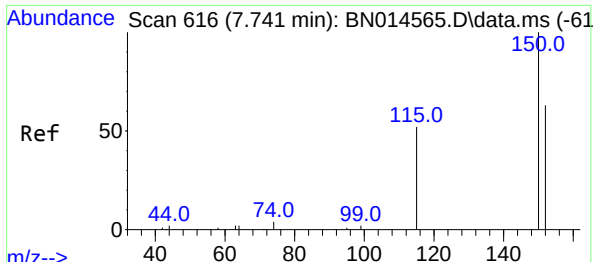
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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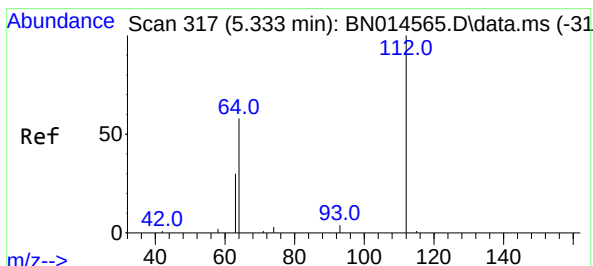
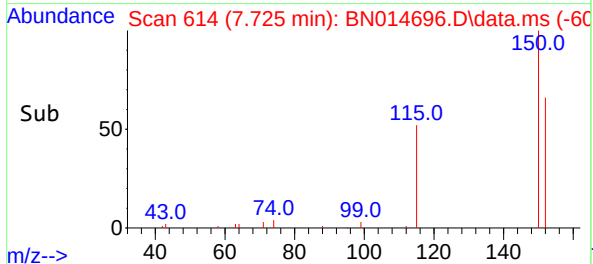
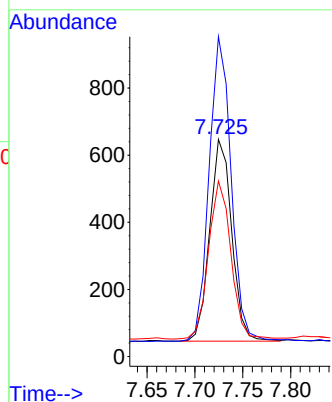
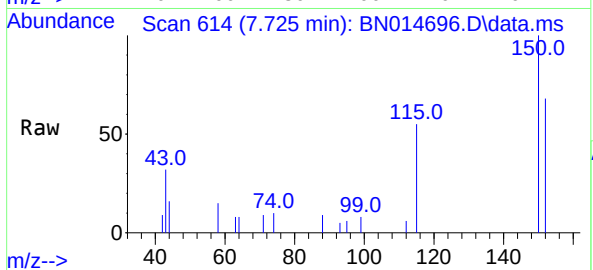




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.725 min Scan# 614
Delta R.T. -0.000 min
Lab File: BN014696.D
Acq: 21 May 2021 16:48

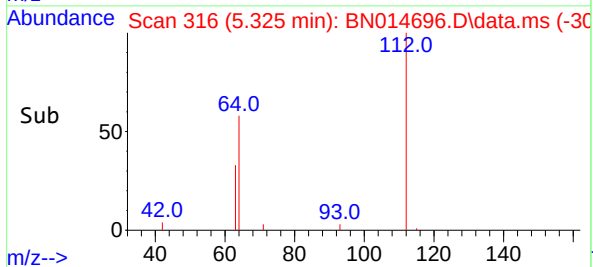
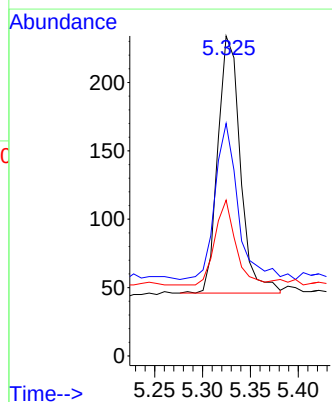
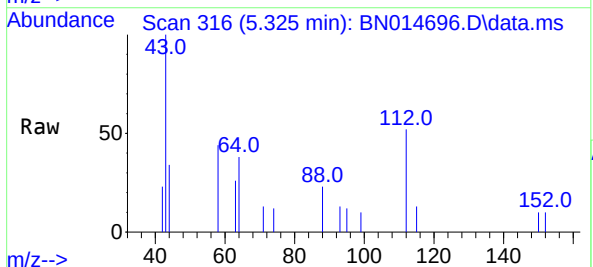
Instrument :
BNA_N
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FB-01-05112021

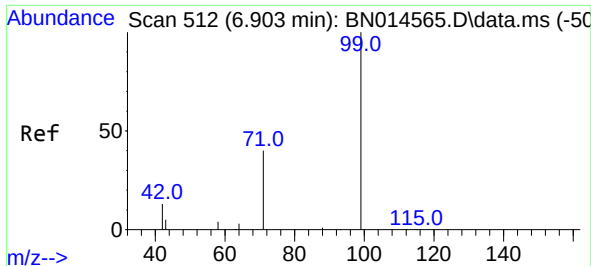
Tgt Ion:152 Resp: 962
Ion Ratio Lower Upper
152 100
150 147.3 123.8 185.8
115 80.8 47.0 70.4#



#4
2-Fluorophenol
Concen: 0.12 ng
RT: 5.325 min Scan# 316
Delta R.T. 0.000 min
Lab File: BN014696.D
Acq: 21 May 2021 16:48

Tgt Ion:112 Resp: 306
Ion Ratio Lower Upper
112 100
64 61.8 41.8 62.6
63 30.4 22.0 33.0

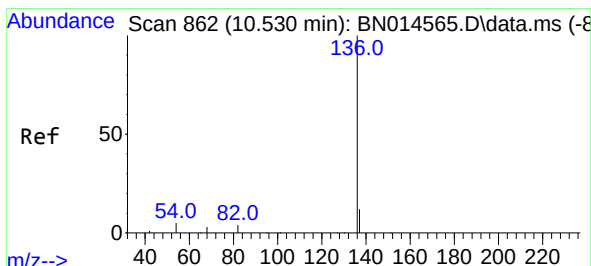
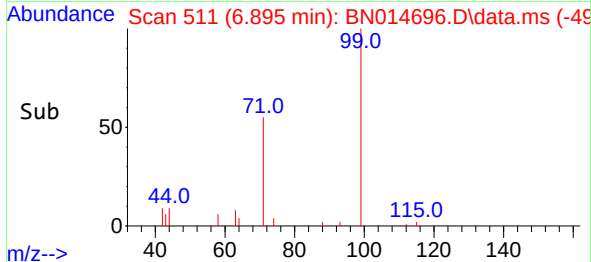
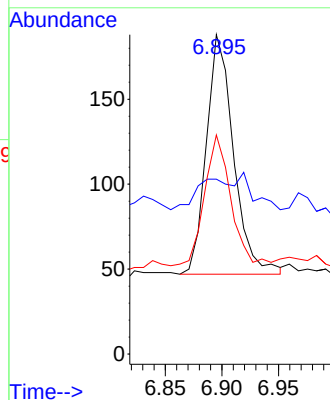
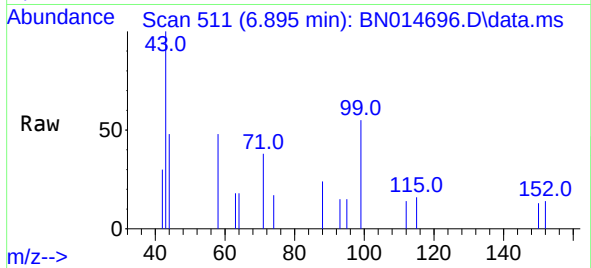




#5
Phenol-d6
Concen: 0.07 ng
RT: 6.895 min Scan# 511
Delta R.T. 0.000 min
Lab File: BN014696.D
Acq: 21 May 2021 16:48

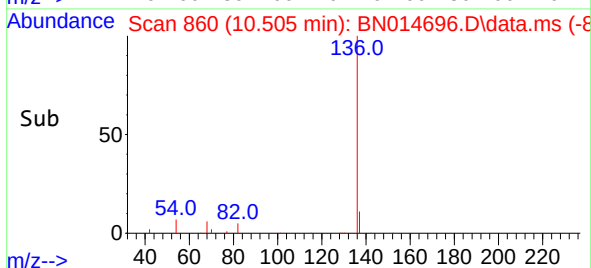
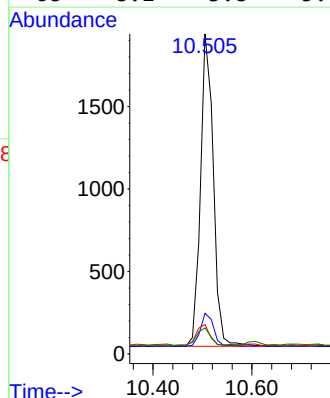
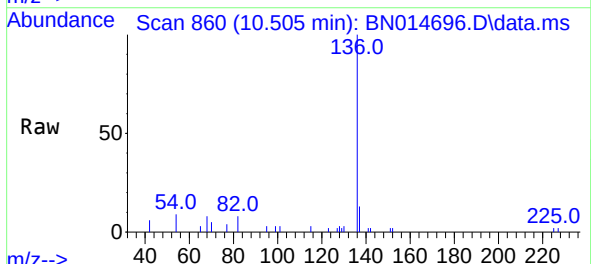
Instrument :
BNA_N
ClientSampleId :
FB-01-05112021

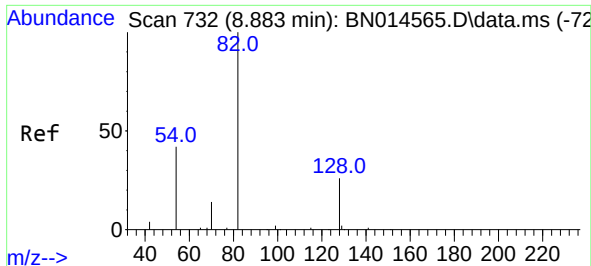
Tgt Ion: 99 Resp: 236
Ion Ratio Lower Upper
99 100
42 0.0 13.2 19.8#
71 52.5 26.2 39.2#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.505 min Scan# 860
Delta R.T. 0.000 min
Lab File: BN014696.D
Acq: 21 May 2021 16:48

Tgt Ion: 136 Resp: 3425
Ion Ratio Lower Upper
136 100
137 12.7 8.9 13.3
54 9.2 3.8 5.8#
68 8.1 3.8 5.6#

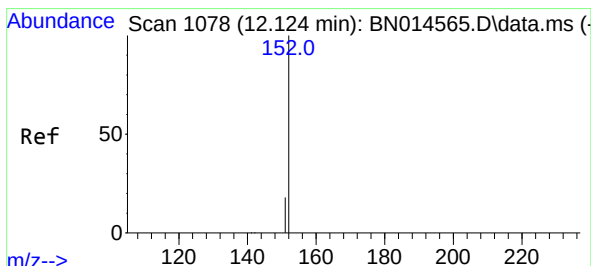
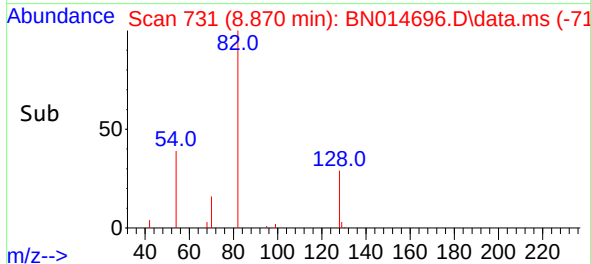
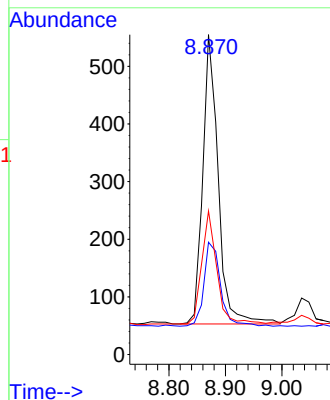
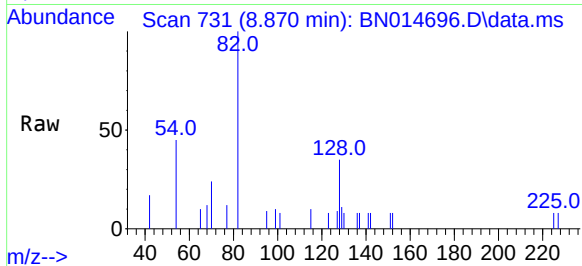




#8
Nitrobenzene-d5
Concen: 0.32 ng
RT: 8.870 min Scan# 731
Delta R.T. 0.000 min
Lab File: BN014696.D
Acq: 21 May 2021 16:48

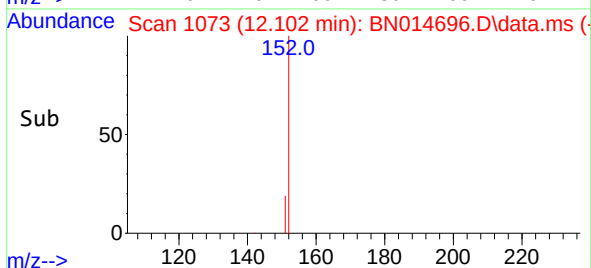
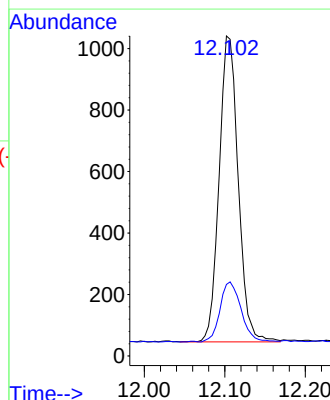
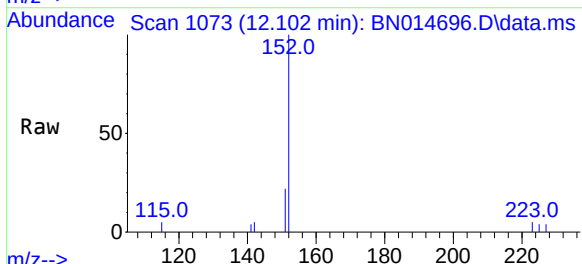
Instrument :
BNA_N
ClientSampleId :
FB-01-05112021

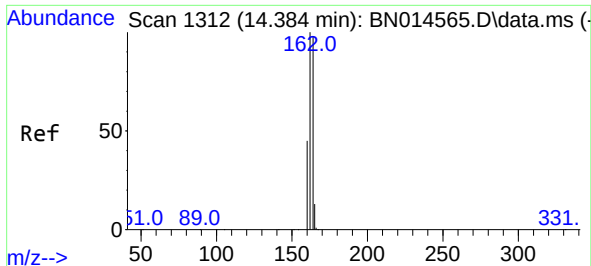
Tgt Ion:	82	Resp:	955
Ion	Ratio	Lower	Upper
82	100		
128	35.1	29.5	44.3
54	44.9	36.9	55.3



#11
2-Methylnaphthalene-d10
Concen: 0.20 ng
RT: 12.102 min Scan# 1073
Delta R.T. 0.000 min
Lab File: BN014696.D
Acq: 21 May 2021 16:48

Tgt Ion:	152	Resp:	1638
Ion	Ratio	Lower	Upper
152	100		
151	21.6	16.2	24.2

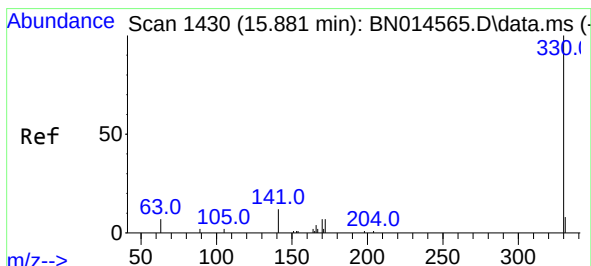
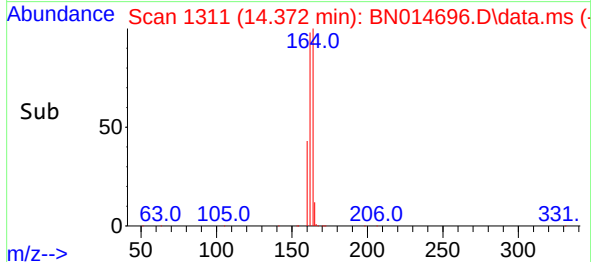
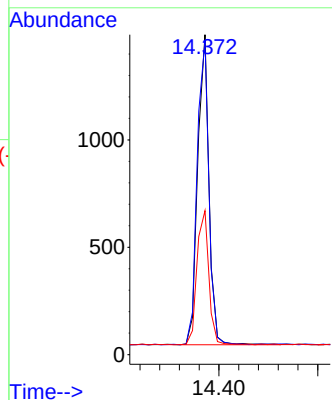
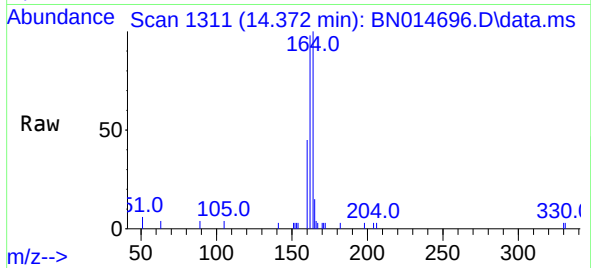




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.372 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BN014696.D
Acq: 21 May 2021 16:48

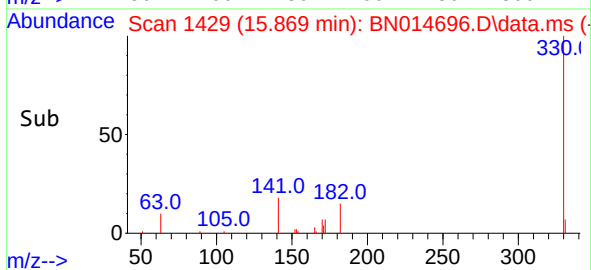
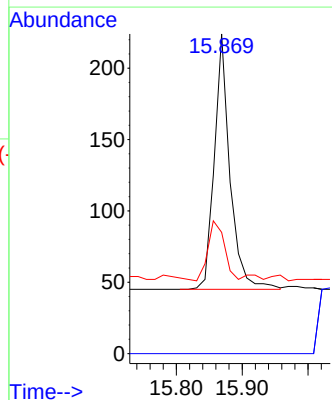
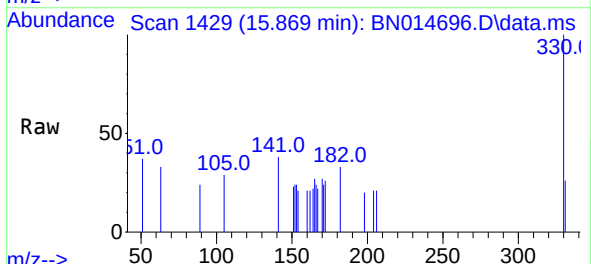
Instrument :
BNA_N
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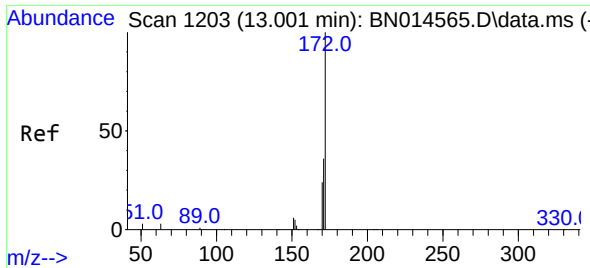
Tgt Ion:164 Resp: 2286
Ion Ratio Lower Upper
164 100
162 98.2 78.6 118.0
160 45.0 35.8 53.8



#14
2,4,6-Tribromophenol
Concen: 0.28 ng
RT: 15.869 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BN014696.D
Acq: 21 May 2021 16:48

Tgt Ion:330 Resp: 295
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 24.7 27.0 40.4#

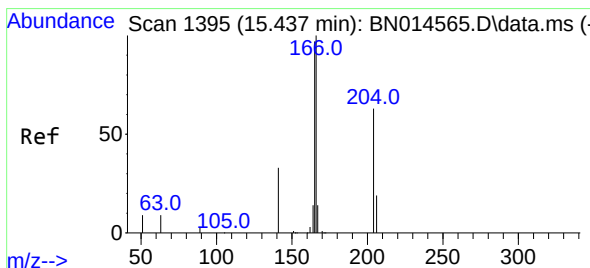
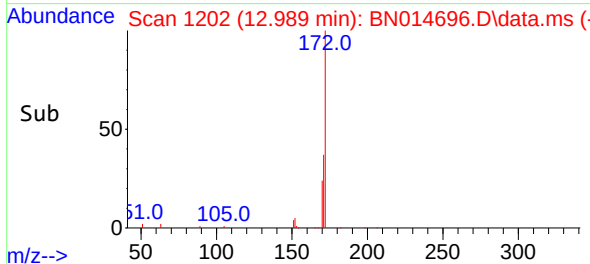
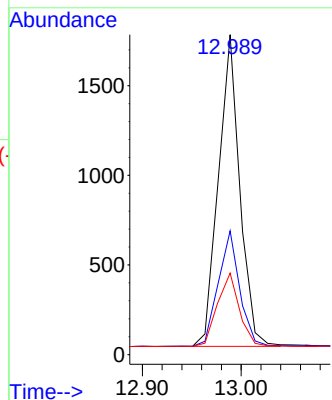
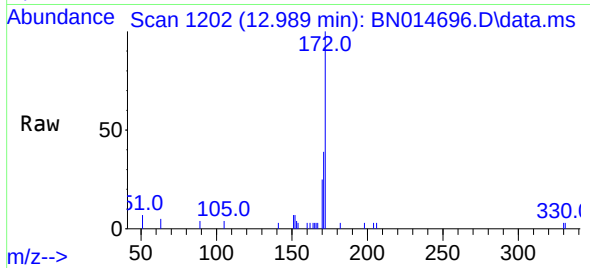




#15
2-Fluorobiphenyl
Concen: 0.31 ng
RT: 12.989 min Scan# 1202
Delta R.T. 0.000 min
Lab File: BN014696.D
Acq: 21 May 2021 16:48

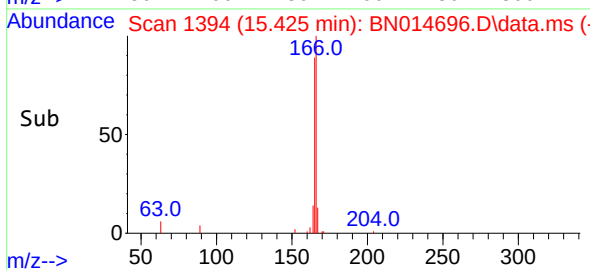
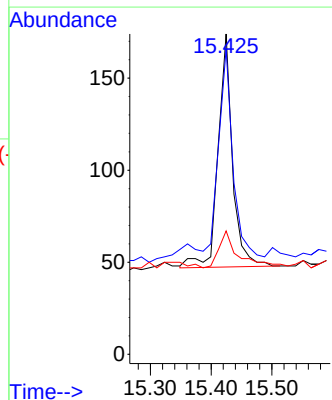
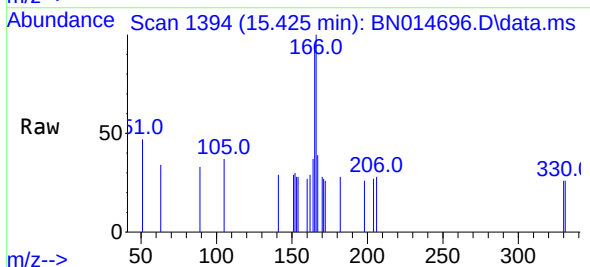
Instrument :
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ClientSampleId :
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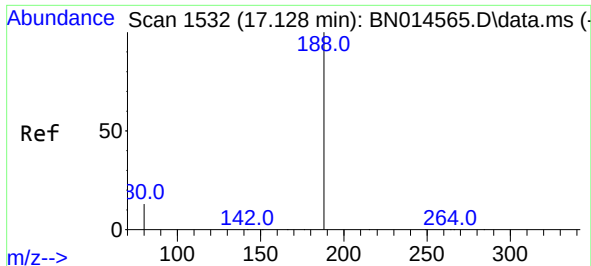
Tgt Ion:	172	Resp:	2611
Ion	Ratio	Lower	Upper
172	100		
171	38.7	27.1	40.7
170	25.5	18.3	27.5



#18
Fluorene
Concen: 0.02 ng
RT: 15.425 min Scan# 1394
Delta R.T. 0.000 min
Lab File: BN014696.D
Acq: 21 May 2021 16:48

Tgt Ion:	166	Resp:	208
Ion	Ratio	Lower	Upper
166	100		
165	91.3	78.4	117.6
167	22.1	10.7	16.1#

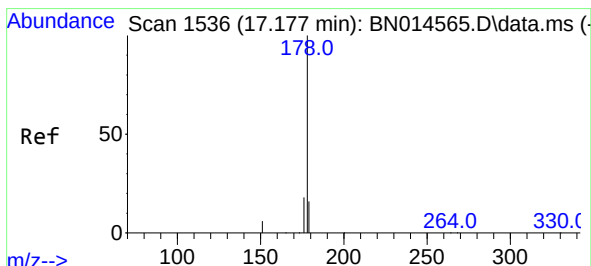
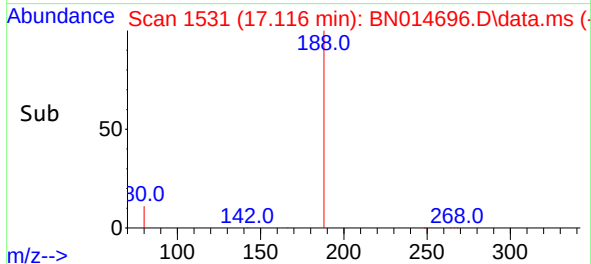
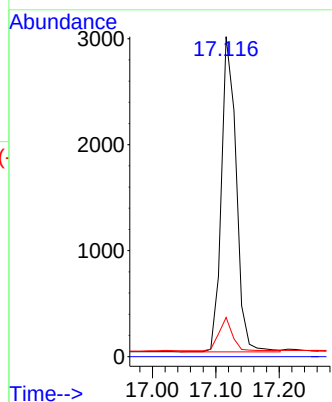
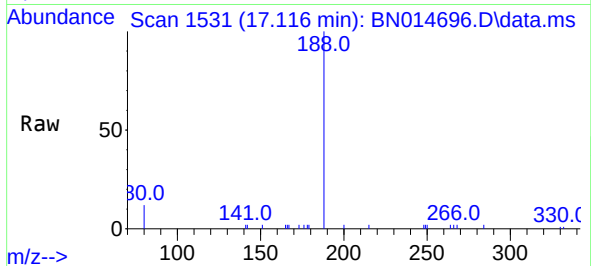




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.116 min Scan# 1531
Delta R.T. 0.000 min
Lab File: BN014696.D
Acq: 21 May 2021 16:48

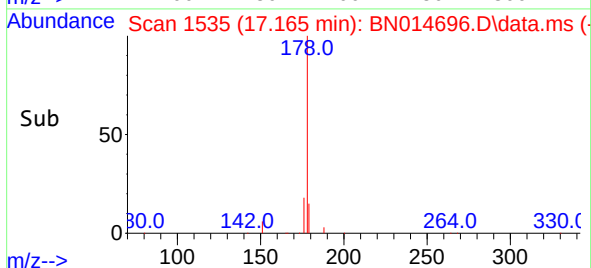
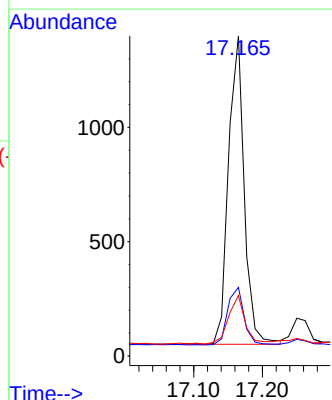
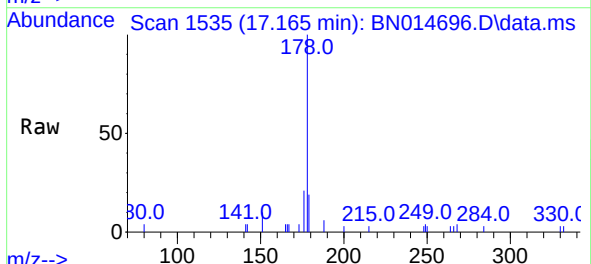
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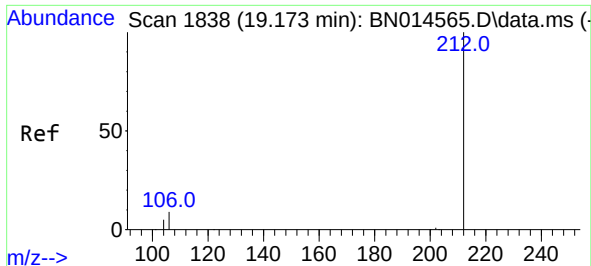
Tgt Ion:188 Resp: 4817
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.2 5.2 7.8#



#25
Phenanthrene
Concen: 0.16 ng
RT: 17.165 min Scan# 1535
Delta R.T. 0.000 min
Lab File: BN014696.D
Acq: 21 May 2021 16:48

Tgt Ion:178 Resp: 2155
Ion Ratio Lower Upper
178 100
176 19.5 15.2 22.8
179 16.6 12.4 18.6

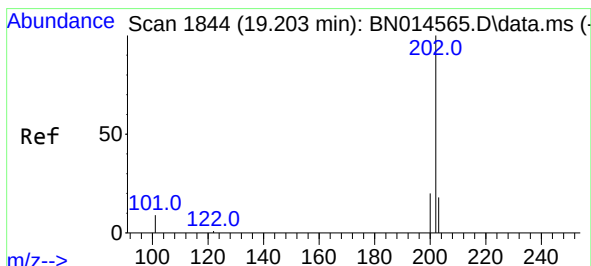
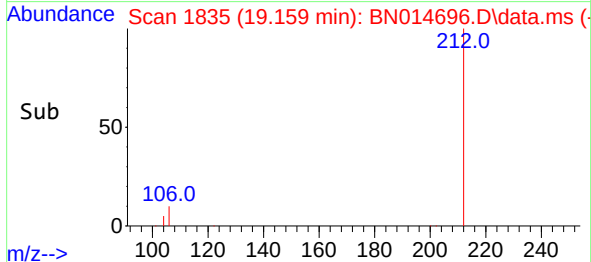
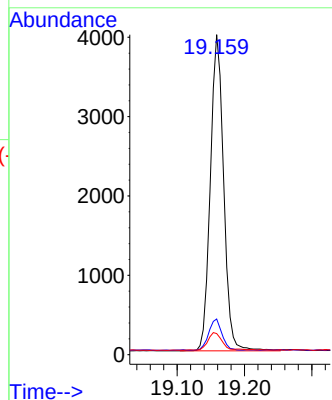
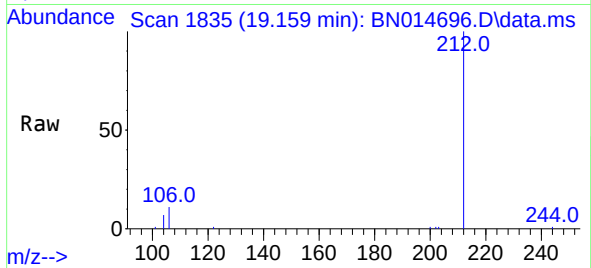




#27
Fluoranthene-d10
Concen: 0.25 ng
RT: 19.159 min Scan# 1835
Delta R.T. 0.000 min
Lab File: BN014696.D
Acq: 21 May 2021 16:48

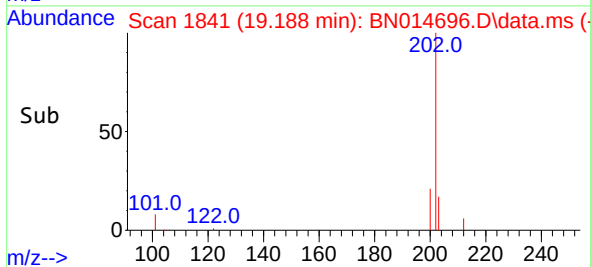
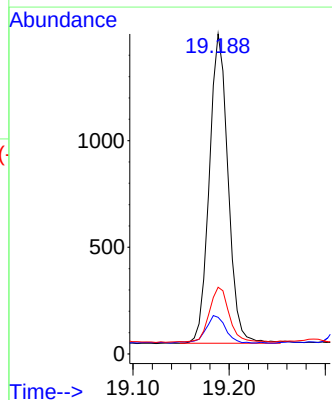
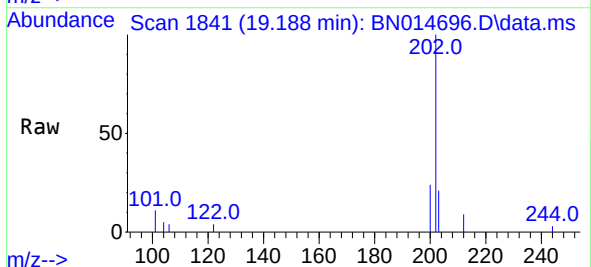
Instrument :
BNA_N
ClientSampleId :
FB-01-05112021

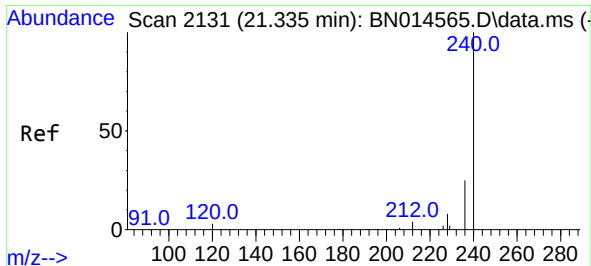
Tgt Ion:212 Resp: 5454
Ion Ratio Lower Upper
212 100
106 9.8 10.1 15.1#
104 5.8 5.4 8.2



#28
Fluoranthene
Concen: 0.11 ng
RT: 19.188 min Scan# 1841
Delta R.T. 0.000 min
Lab File: BN014696.D
Acq: 21 May 2021 16:48

Tgt Ion:202 Resp: 1963
Ion Ratio Lower Upper
202 100
101 9.4 8.4 12.6
203 19.3 13.5 20.3

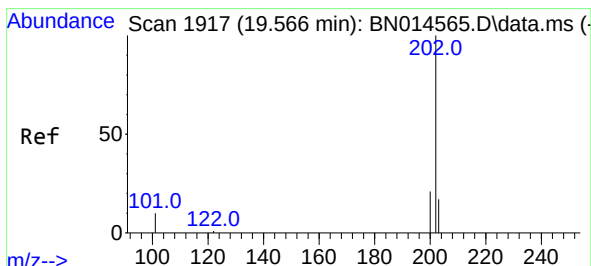
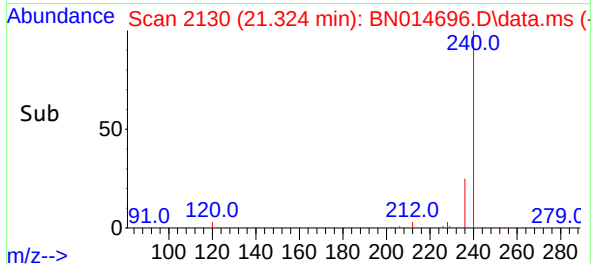
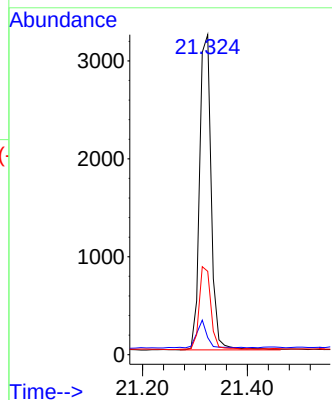
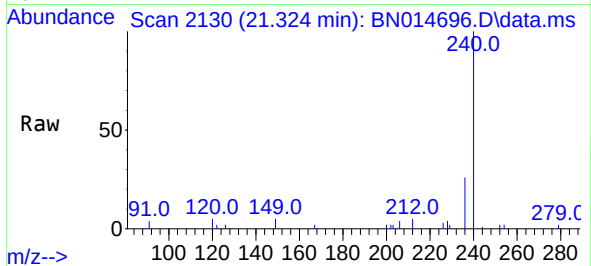




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.324 min Scan# 2130
Delta R.T. 0.011 min
Lab File: BN014696.D
Acq: 21 May 2021 16:48

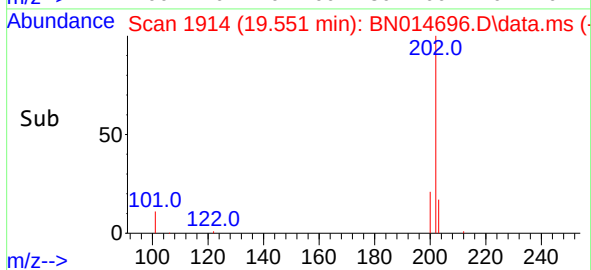
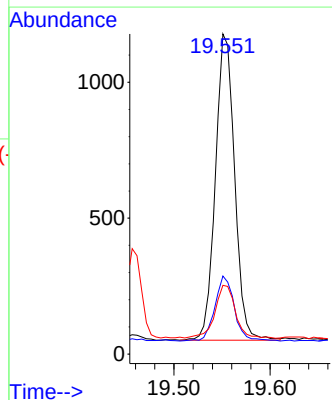
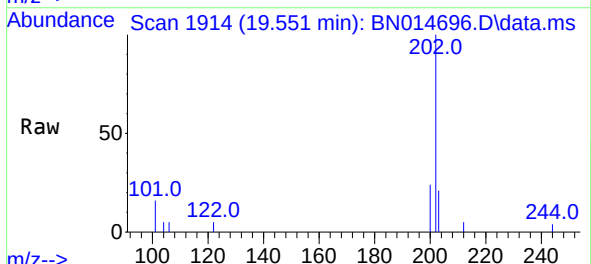
Instrument :
BNA_N
ClientSampleId :
FB-01-05112021

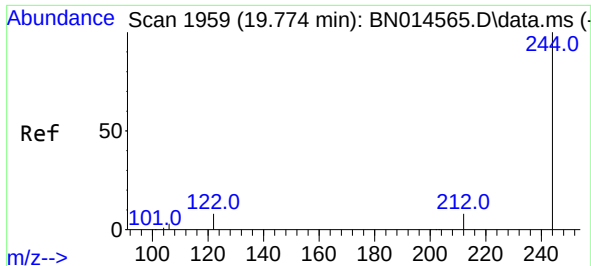
Tgt Ion:240 Resp: 4961
Ion Ratio Lower Upper
240 100
120 5.4 5.8 8.8#
236 26.1 20.6 30.8



#30
Pyrene
Concen: 0.12 ng
RT: 19.551 min Scan# 1914
Delta R.T. 0.000 min
Lab File: BN014696.D
Acq: 21 May 2021 16:48

Tgt Ion:202 Resp: 1566
Ion Ratio Lower Upper
202 100
200 21.5 16.3 24.5
203 19.0 14.0 21.0

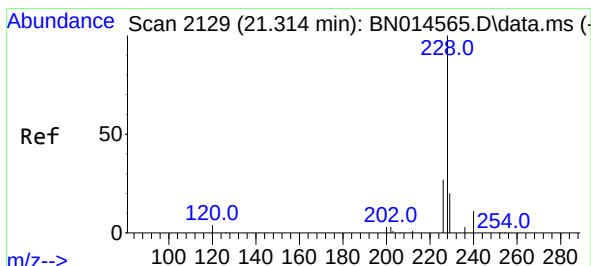
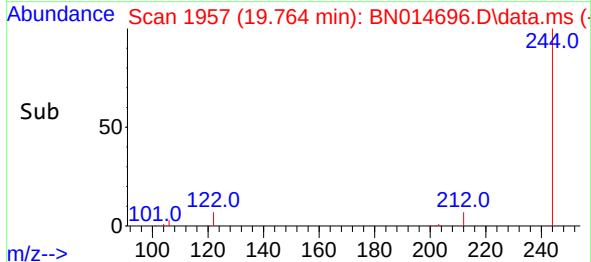
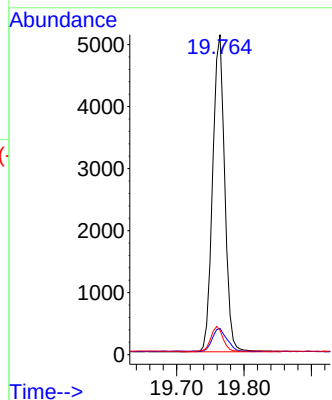
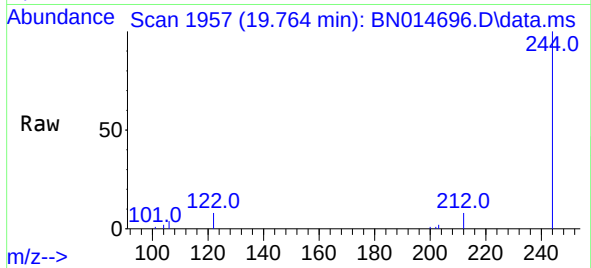




#31
Terphenyl-d14
Concen: 0.54 ng
RT: 19.764 min Scan# 1957
Delta R.T. 0.005 min
Lab File: BN014696.D
Acq: 21 May 2021 16:48

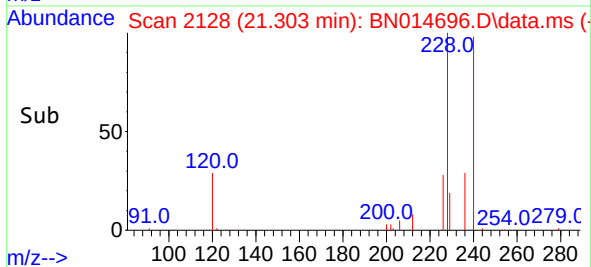
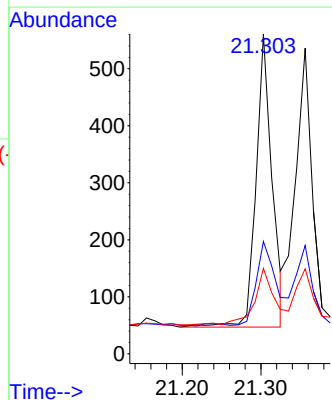
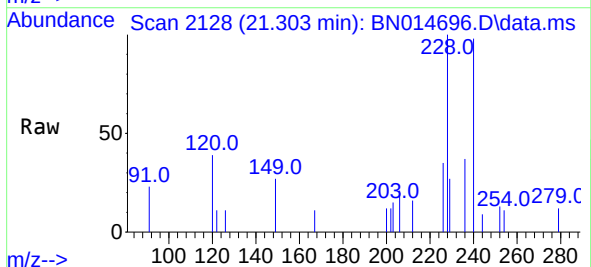
Instrument :
BNA_N
ClientSampleId :
FB-01-05112021

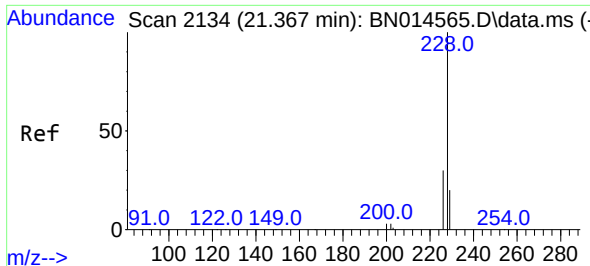
Tgt Ion:244 Resp: 6339
Ion Ratio Lower Upper
244 100
212 8.2 6.0 9.0
122 7.7 9.3 13.9#



#32
Benzo(a)anthracene
Concen: 0.05 ng
RT: 21.303 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BN014696.D
Acq: 21 May 2021 16:48

Tgt Ion:228 Resp: 730
Ion Ratio Lower Upper
228 100
226 35.1 21.7 32.5#
229 26.7 15.7 23.5#

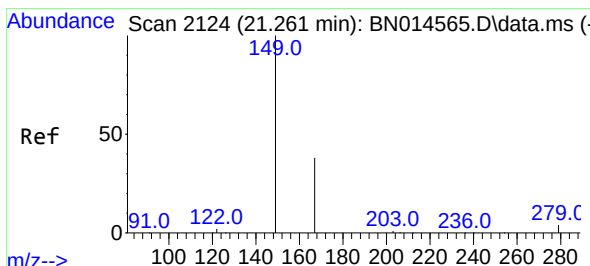
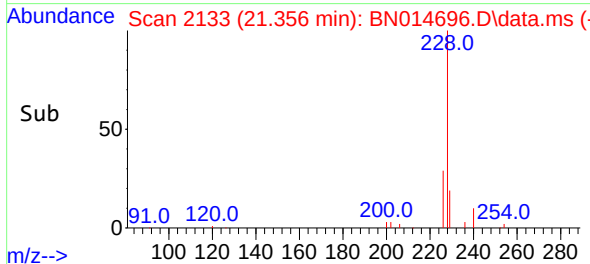
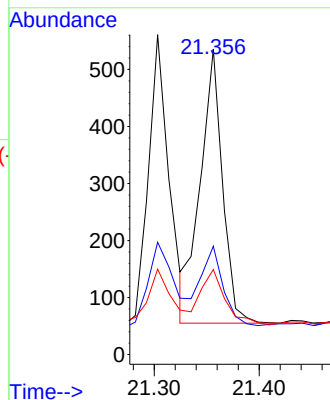
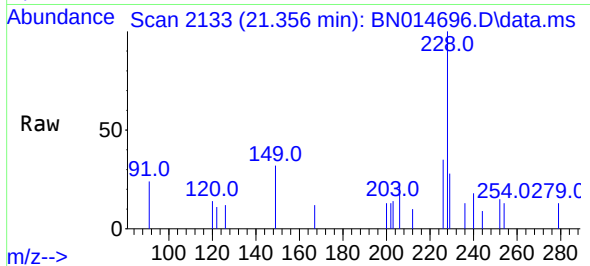




#33
Chrysene
Concen: 0.05 ng
RT: 21.356 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BN014696.D
Acq: 21 May 2021 16:48

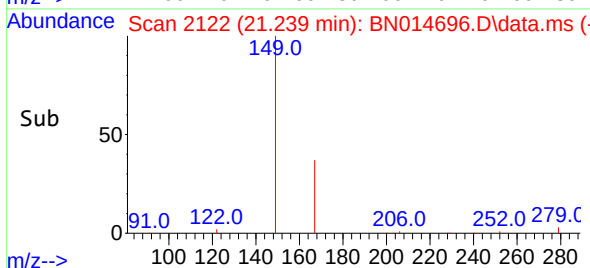
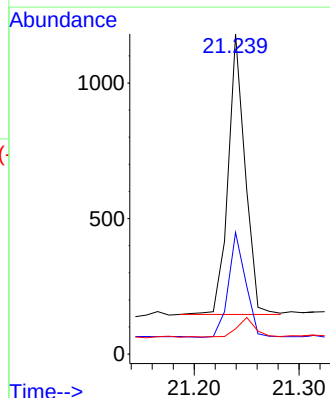
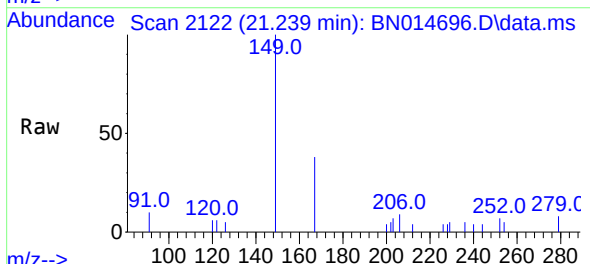
Instrument :
BNA_N
ClientSampleId :
FB-01-05112021

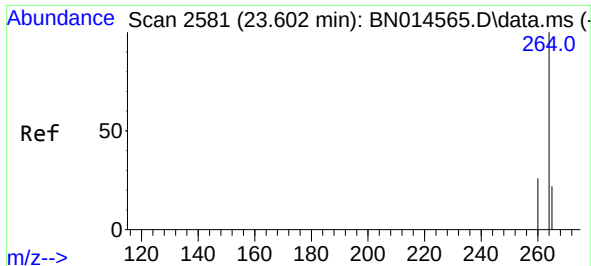
Tgt Ion:228 Resp: 705
Ion Ratio Lower Upper
228 100
226 35.4 23.8 35.6
229 27.8 15.6 23.4#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.29 ng
RT: 21.239 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BN014696.D
Acq: 21 May 2021 16:48

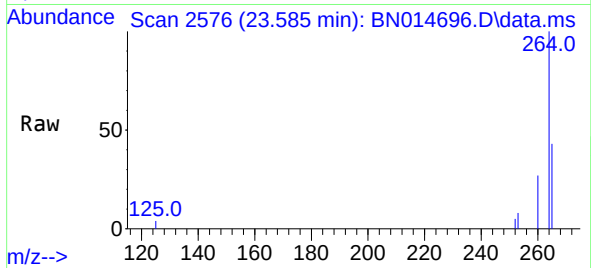
Tgt Ion:149 Resp: 1165
Ion Ratio Lower Upper
149 100
167 37.8 20.5 30.7#
279 7.3 2.9 4.3#



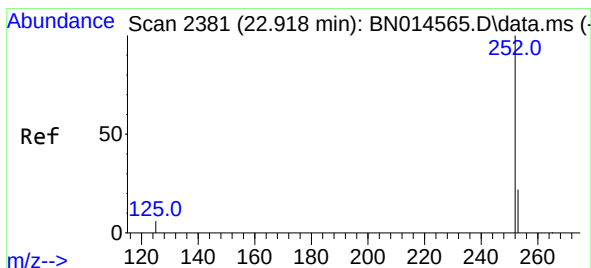
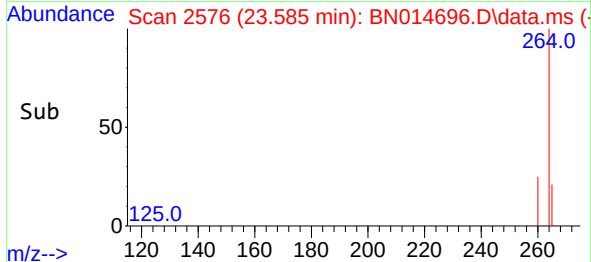
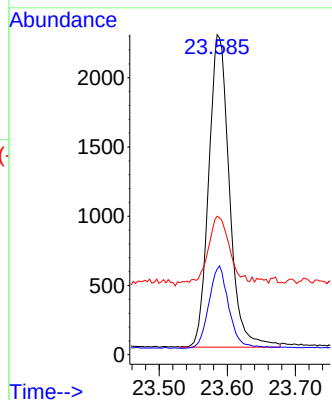


#35
Perylene-d12
Concen: 0.40 ng
RT: 23.585 min Scan# 2576
Delta R.T. 0.000 min
Lab File: BN014696.D
Acq: 21 May 2021 16:48

Instrument :
BNA_N
ClientSampleId :
FB-01-05112021

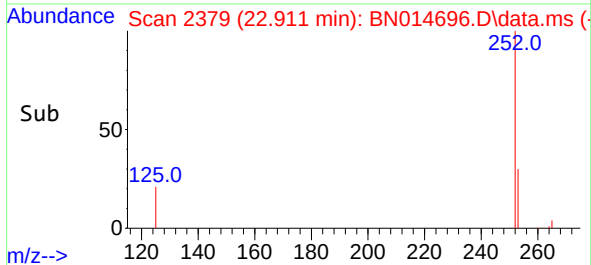
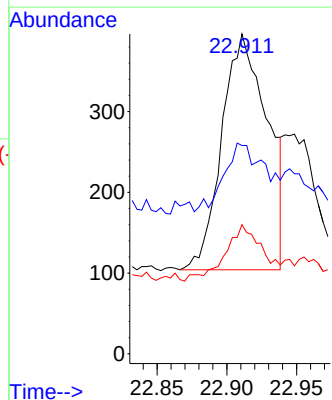
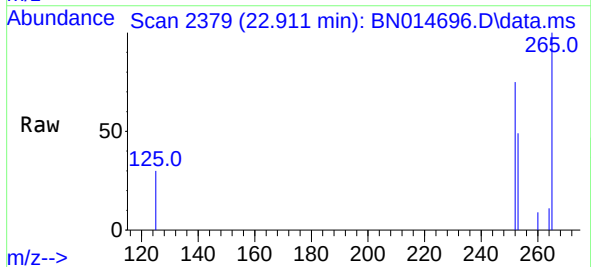


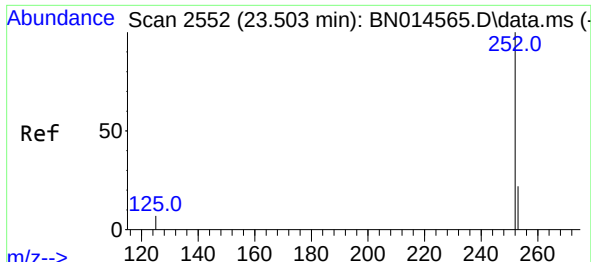
Tgt Ion:264 Resp: 4756
Ion Ratio Lower Upper
264 100
260 26.8 19.5 29.3
265 43.3 35.4 53.0



#37
Benzo(b)fluoranthene
Concen: 0.04 ng
RT: 22.911 min Scan# 2379
Delta R.T. 0.010 min
Lab File: BN014696.D
Acq: 21 May 2021 16:48

Tgt Ion:252 Resp: 663
Ion Ratio Lower Upper
252 100
253 65.2 19.6 29.4#
125 40.4 10.3 15.5#





#39

Benzo(a)pyrene

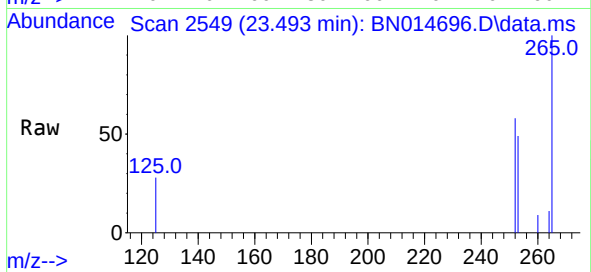
Concen: 0.03 ng

RT: 23.493 min Scan# 2549

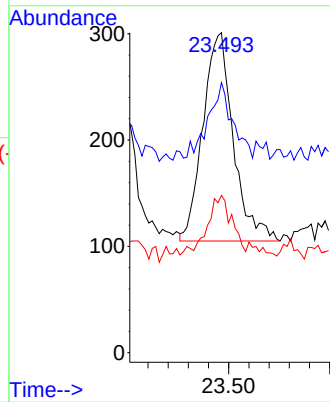
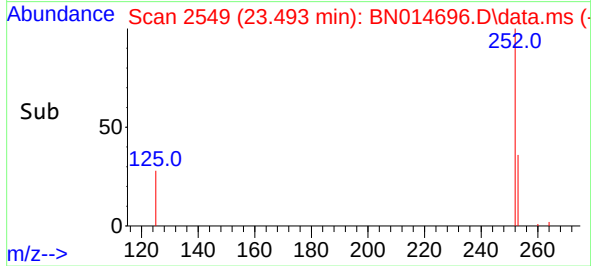
Delta R.T. 0.010 min

Lab File: BN014696.D

Acq: 21 May 2021 16:48



Tgt Ion:252	Resp:	410
Ion	Ratio	Lower Upper
252	100	
253	84.4	21.8 32.6#
125	49.2	14.9 22.3#



Instrument :

BNA_N

ClientSampleId :

FB-01-05112021