

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042221\
 Data File : BN014364.D
 Acq On : 21 Apr 2021 21:02
 Operator : CG/JU
 Sample : PB135901BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB135901BL

Quant Time: Apr 22 01:54:41 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN042221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 21 13:57:02 2021
 Response via : Initial Calibration

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

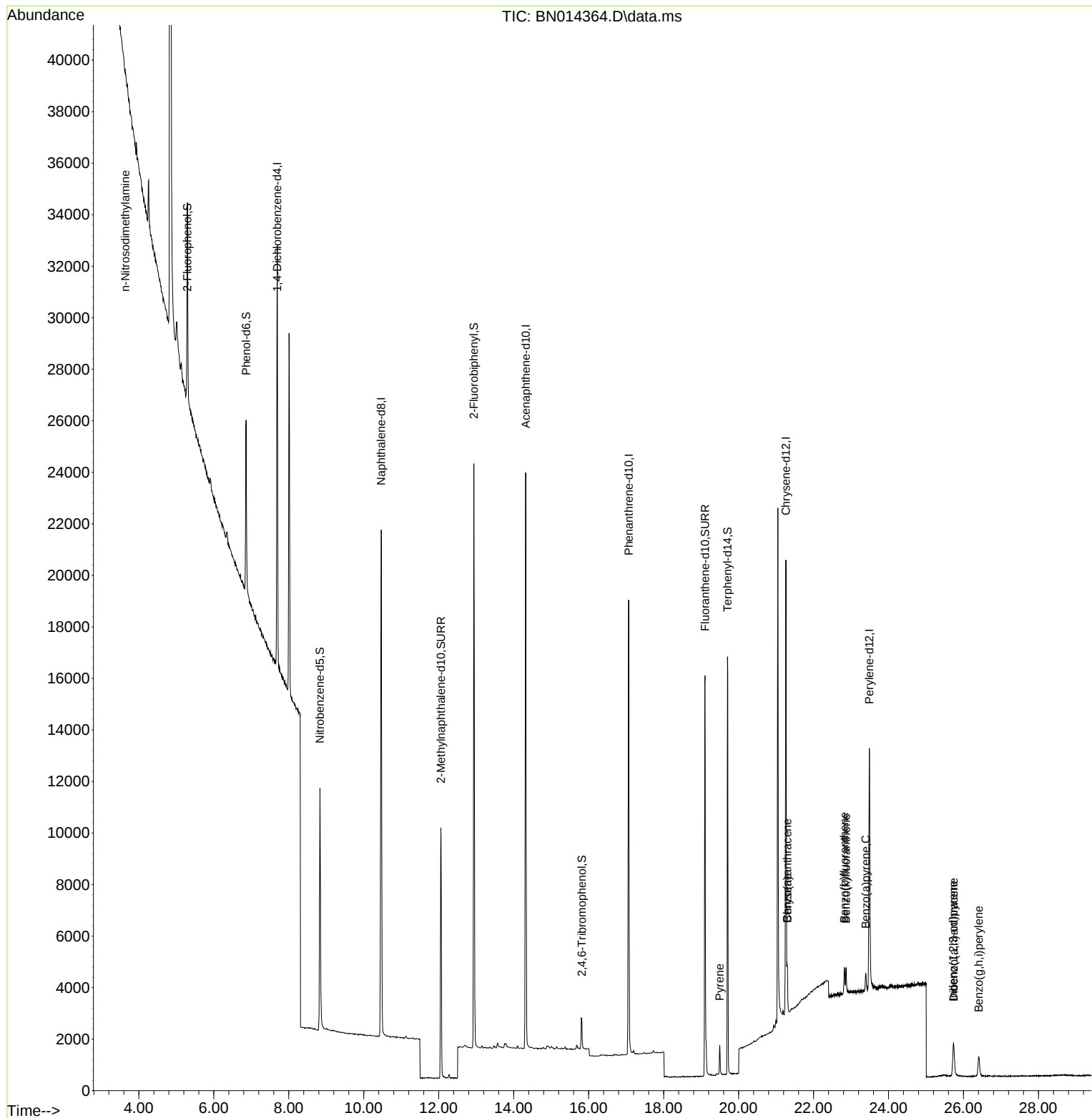
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.692	152	7930	0.40	ng	0.00
7) Naphthalene-d8	10.467	136	27261	0.40	ng	0.00
13) Acenaphthene-d10	14.321	164	12503	0.40	ng	0.00
19) Phenanthrene-d10	17.068	188	23774	0.40	ng	0.00
29) Chrysene-d12	21.261	240	16429	0.40	ng	0.00
36) Perylene-d12	23.489	264	13458	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.292	112	6332	0.39	ng	0.00
5) Phenol-d6	6.863	99	7109	0.36	ng	0.00
8) Nitrobenzene-d5	8.832	82	8473	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.058	152	13655	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.818	330	1191	0.30	ng	0.00
15) 2-Fluorobiphenyl	12.938	172	19965	0.40	ng	0.00
27) Fluoranthene-d10	19.104	212	18547	0.29	ng	0.00
31) Terphenyl-d14	19.705	244	16430	0.47	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.641	42	56	0.14	ng	Qvalue # 14
30) Pyrene	19.496	202	1190	0.02	ng	99
32) Benzo(a)anthracene	21.303	228	1654	0.04	ng	91
33) Chrysene	21.303	228	1629	0.03	ng	94
35) Indeno(1,2,3-cd)pyrene	25.728	276	1655	0.03	ng	97
37) Benzo(b)fluoranthene	22.822	252	1361	0.03	ng	# 14
38) Benzo(k)fluoranthene	22.866	252	1256	0.02	ng	# 13
39) Benzo(a)pyrene	23.393	252	977	0.02	ng	# 1
40) Dibenzo(a,h)anthracene	25.742	278	1424	0.03	ng	# 42
41) Benzo(g,h,i)perylene	26.406	276	1692	0.03	ng	# 78

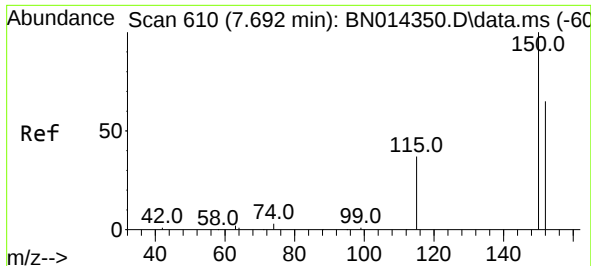
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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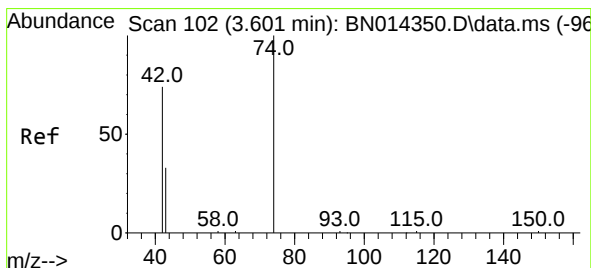
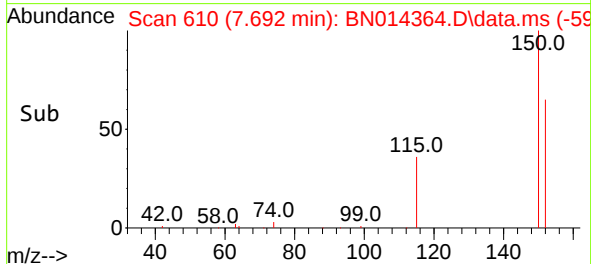
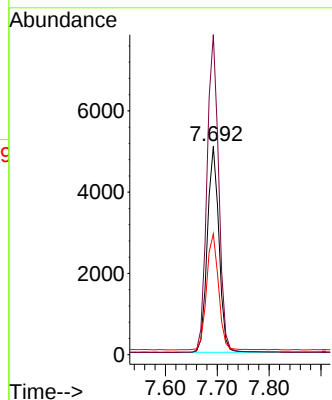
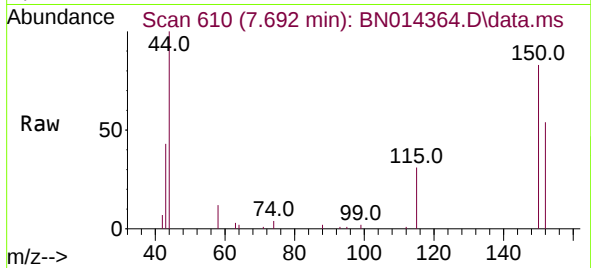




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.692 min Scan# 610
Delta R.T. 0.000 min
Lab File: BN014364.D
Acq: 21 Apr 2021 21:02

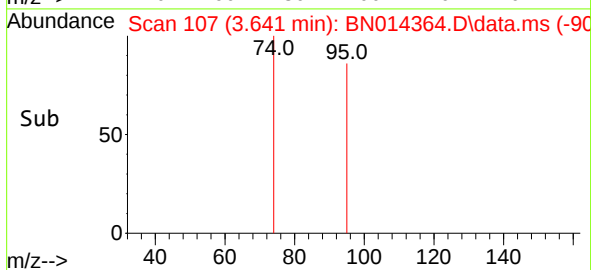
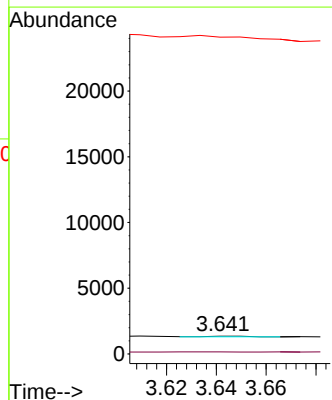
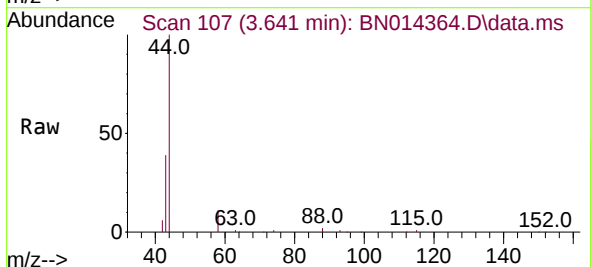
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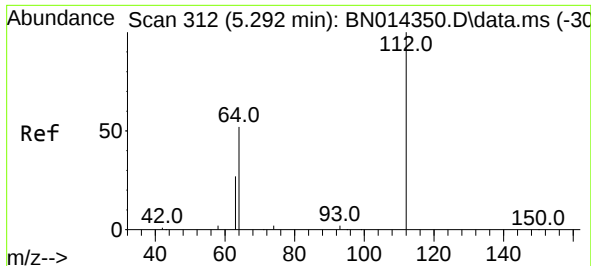
Tgt Ion:152 Resp: 7930
Ion Ratio Lower Upper
152 100
150 153.6 123.4 185.2
115 58.0 47.5 71.3



#3
n-Nitrosodimethylamine
Concen: 0.14 ng
RT: 3.641 min Scan# 107
Delta R.T. 0.040 min
Lab File: BN014364.D
Acq: 21 Apr 2021 21:02

Tgt Ion: 42 Resp: 56
Ion Ratio Lower Upper
42 100
74 32.1 108.0 162.0#
44 0.0 0.0 0.0

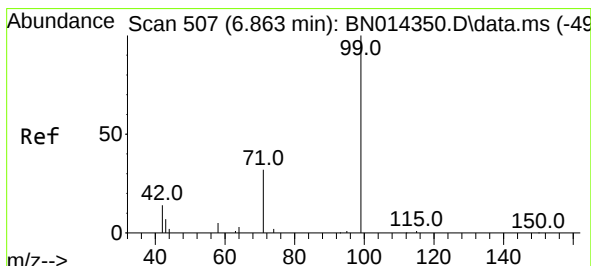
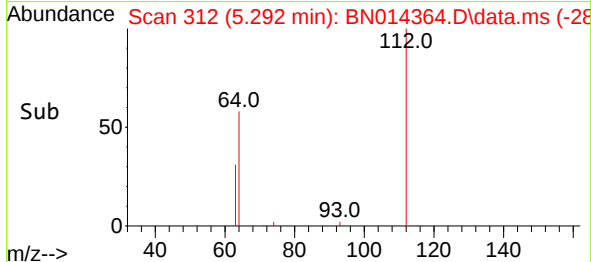
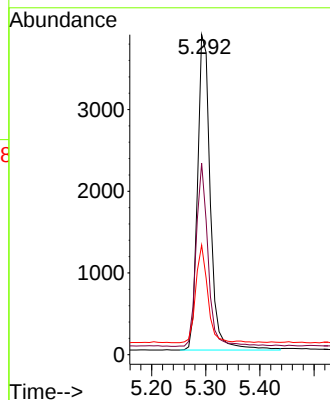
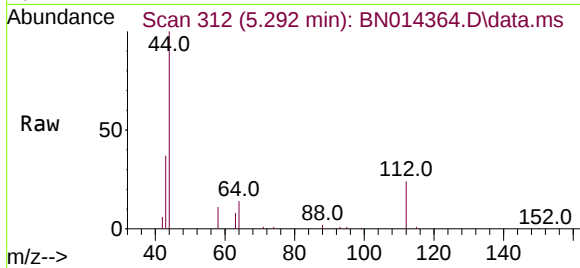




#4
2-Fluorophenol
Concen: 0.39 ng
RT: 5.292 min Scan# 312
Delta R.T. 0.000 min
Lab File: BN014364.D
Acq: 21 Apr 2021 21:02

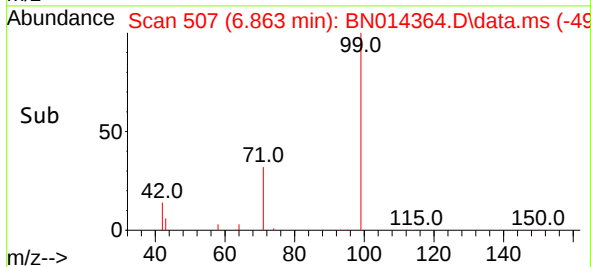
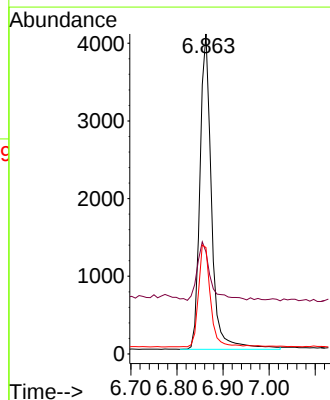
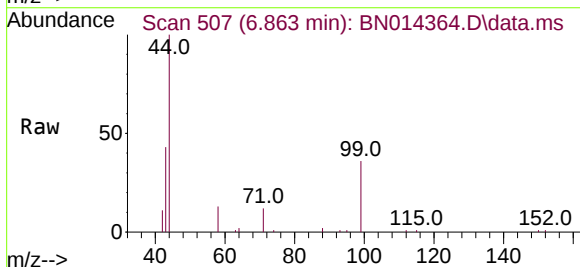
Instrument :
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ClientSampleId :
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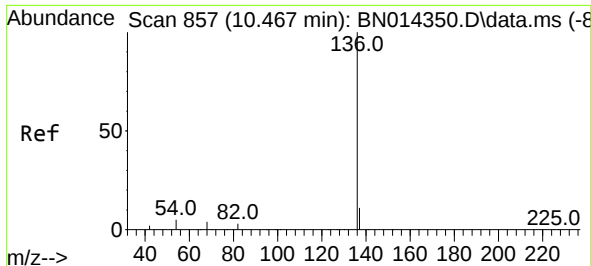
Tgt Ion:	112	Resp:	6332
Ion	Ratio	Lower	Upper
112	100		
64	54.2	43.0	64.6
63	28.4	23.4	35.0



#5
Phenol-d6
Concen: 0.36 ng
RT: 6.863 min Scan# 507
Delta R.T. 0.000 min
Lab File: BN014364.D
Acq: 21 Apr 2021 21:02

Tgt Ion:	99	Resp:	7109
Ion	Ratio	Lower	Upper
99	100		
42	20.9	16.0	24.0
71	33.5	27.8	41.8

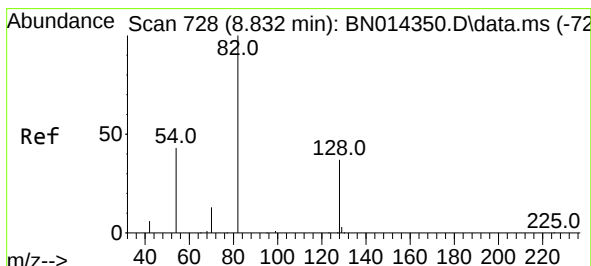
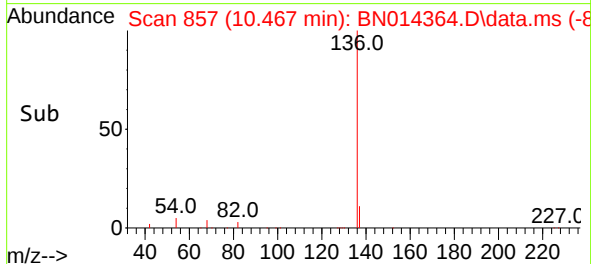
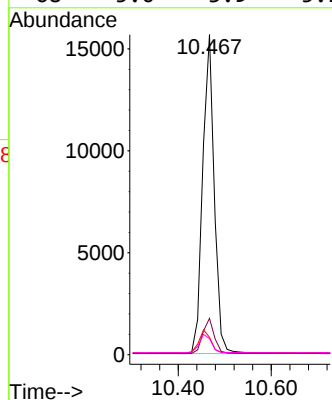
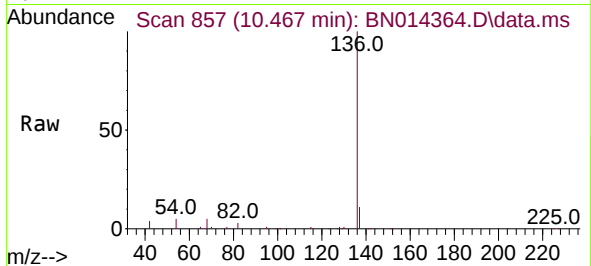




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.467 min Scan# 857
Delta R.T. 0.000 min
Lab File: BN014364.D
Acq: 21 Apr 2021 21:02

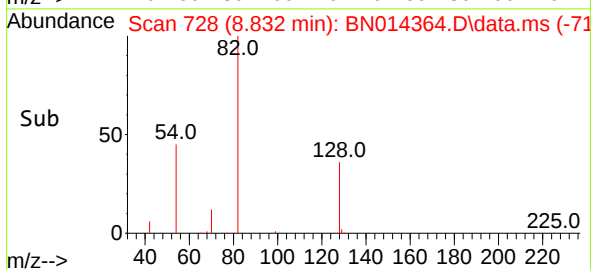
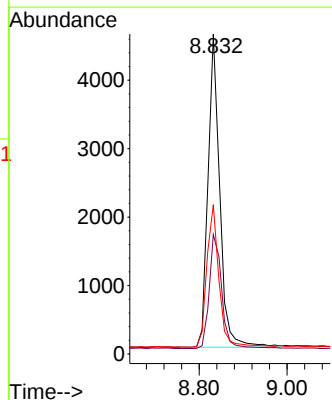
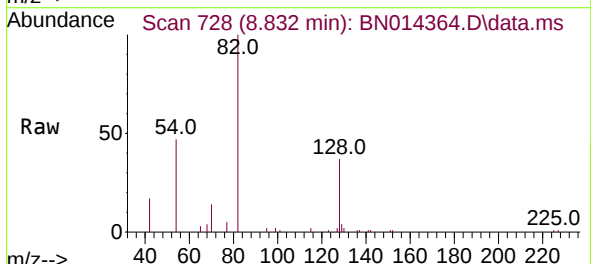
Instrument :
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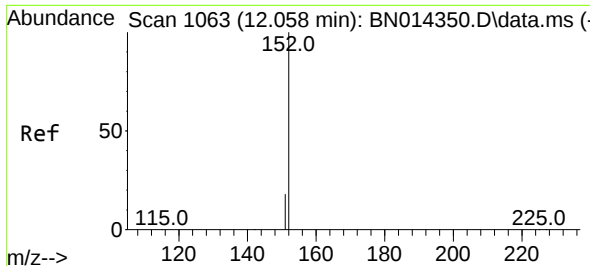
Tgt Ion:	136	Resp:	27261
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.0	13.6
54	5.5	4.4	6.6
68	5.0	3.9	5.9



#8
Nitrobenzene-d5
Concen: 0.37 ng
RT: 8.832 min Scan# 728
Delta R.T. 0.000 min
Lab File: BN014364.D
Acq: 21 Apr 2021 21:02

Tgt Ion:	82	Resp:	8473
Ion Ratio	Lower	Upper	
82	100		
128	37.3	30.3	45.5
54	46.6	35.8	53.8

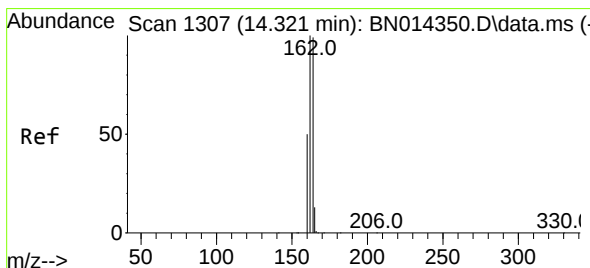
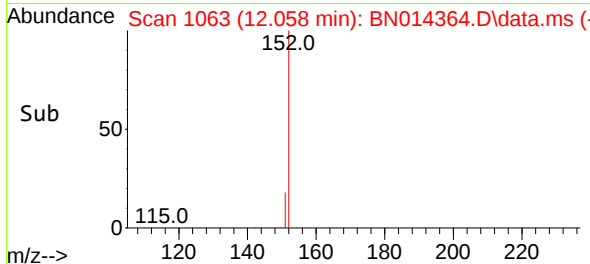
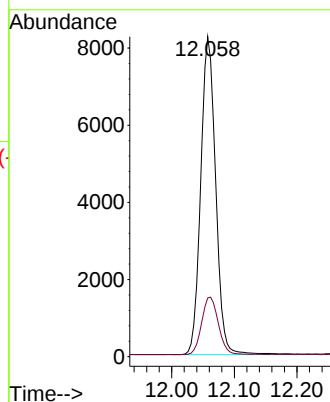
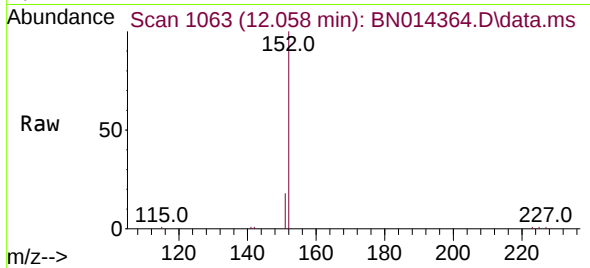




#11
2-Methylnaphthalene-d10
Concen: 0.33 ng
RT: 12.058 min Scan# 1063
Delta R.T. 0.000 min
Lab File: BN014364.D
Acq: 21 Apr 2021 21:02

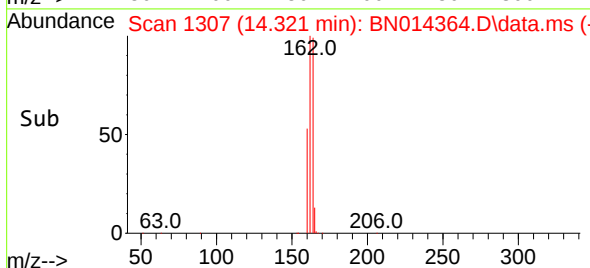
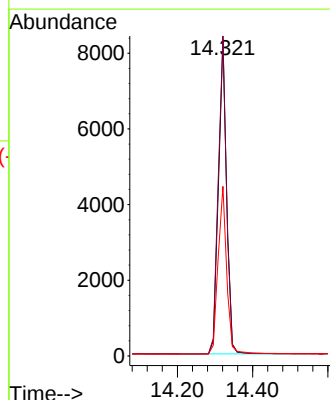
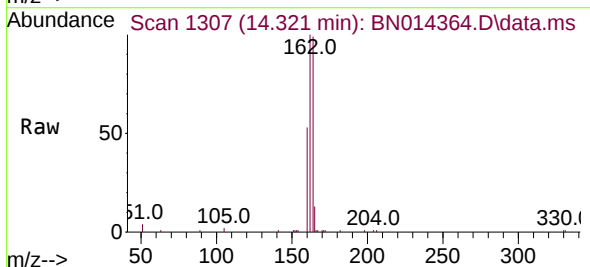
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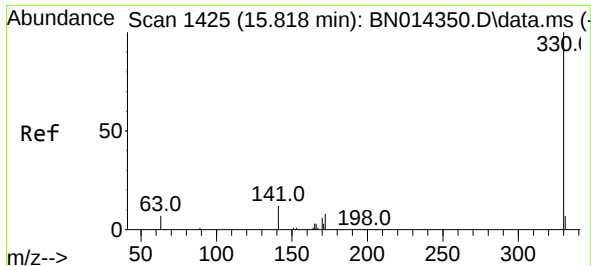
Tgt Ion:152 Resp: 13655
Ion Ratio Lower Upper
152 100
151 20.2 16.3 24.5



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.321 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BN014364.D
Acq: 21 Apr 2021 21:02

Tgt Ion:164 Resp: 12503
Ion Ratio Lower Upper
164 100
162 101.1 81.0 121.6
160 53.6 40.7 61.1

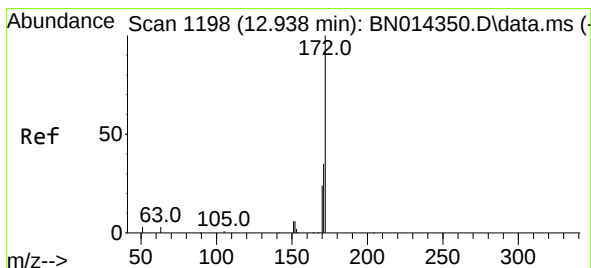
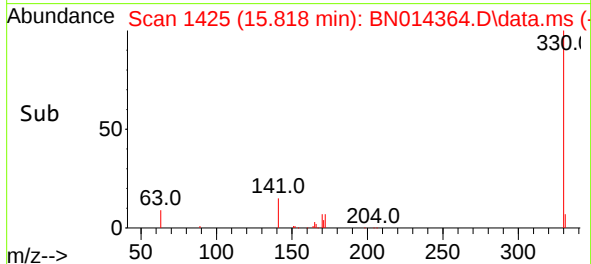
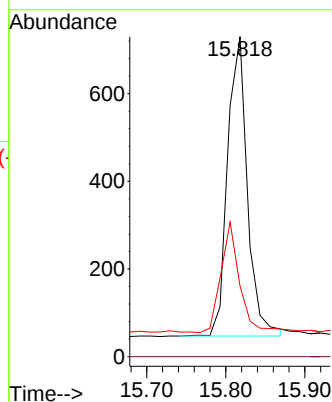
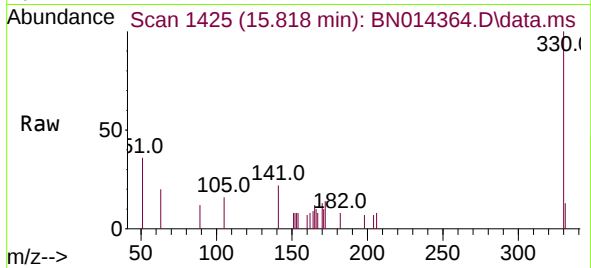




#14
2,4,6-Tribromophenol
Concen: 0.30 ng
RT: 15.818 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BN014364.D
Acq: 21 Apr 2021 21:02

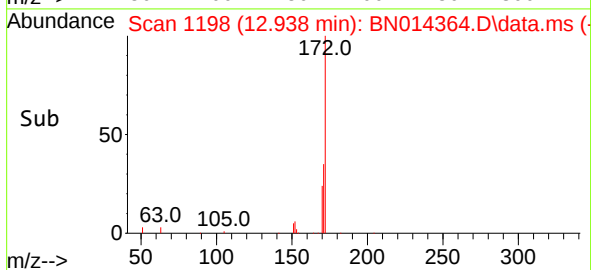
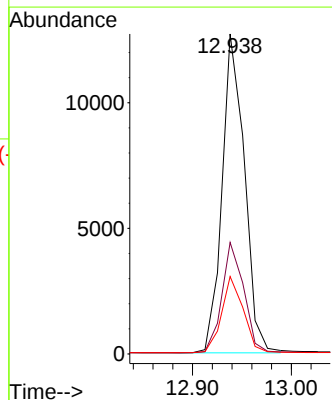
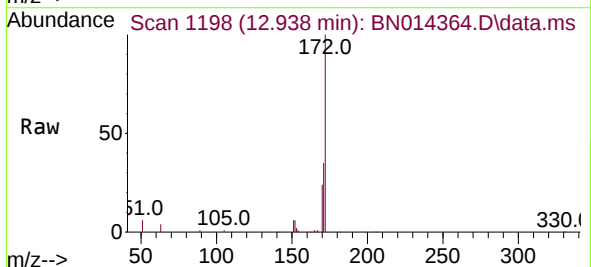
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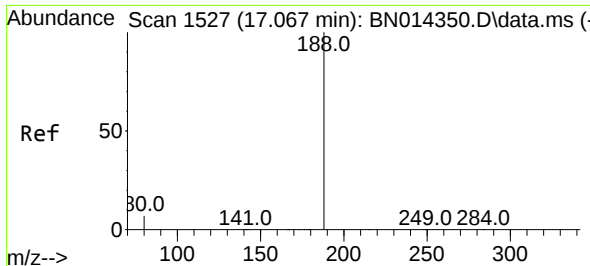
Tgt Ion:	330	Resp:	1191
Ion Ratio	Lower	Upper	
330	100		
332	0.0	0.0	0.0
141	34.3	26.2	39.2



#15
2-Fluorobiphenyl
Concen: 0.40 ng
RT: 12.938 min Scan# 1198
Delta R.T. 0.000 min
Lab File: BN014364.D
Acq: 21 Apr 2021 21:02

Tgt Ion:	172	Resp:	19965
Ion Ratio	Lower	Upper	
172	100		
171	34.8	28.2	42.2
170	24.2	19.6	29.4

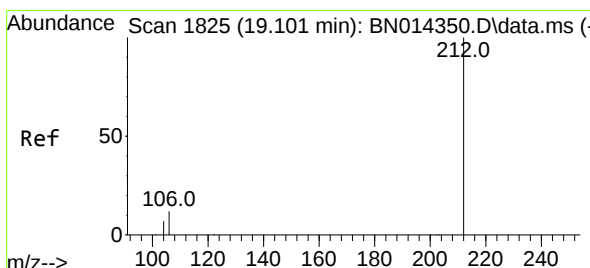
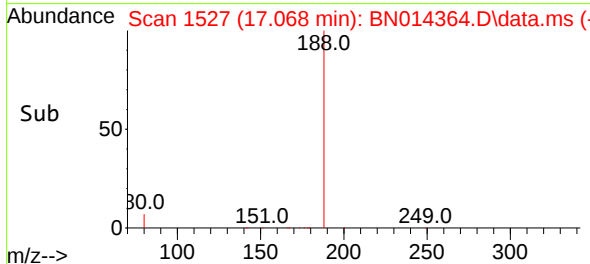
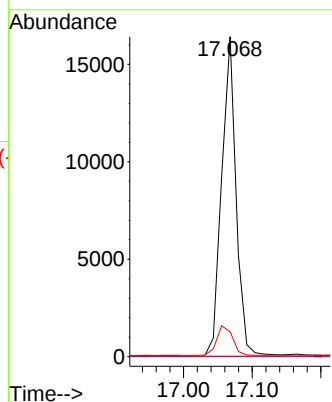
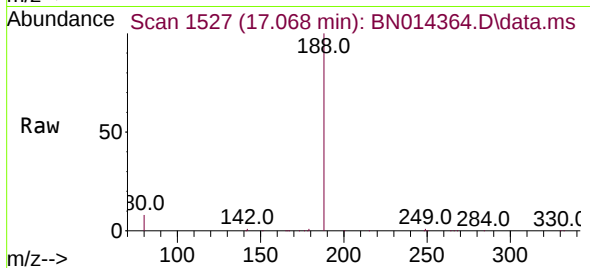




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.068 min Scan# 1527
Delta R.T. 0.001 min
Lab File: BN014364.D
Acq: 21 Apr 2021 21:02

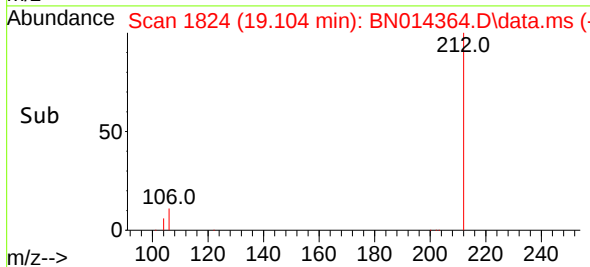
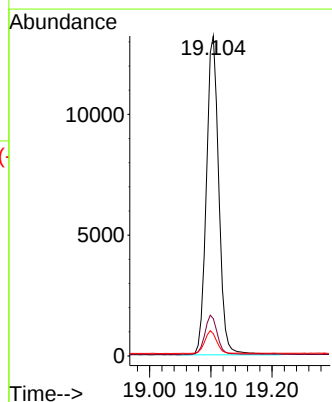
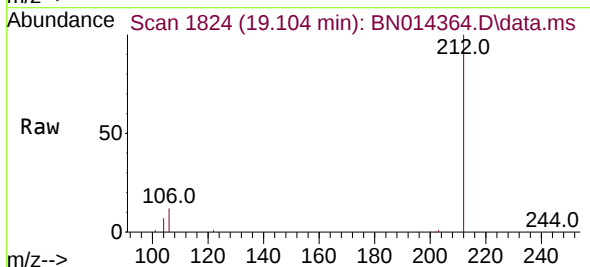
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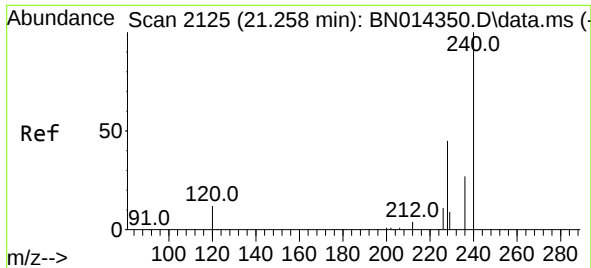
Tgt Ion:188	Resp:	23774
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	7.8	6.2



#27
Fluoranthene-d10
Concen: 0.29 ng
RT: 19.104 min Scan# 1824
Delta R.T. 0.003 min
Lab File: BN014364.D
Acq: 21 Apr 2021 21:02

Tgt Ion:212	Resp:	18547
Ion Ratio	Lower	Upper
212	100	
106	12.3	9.7
104	6.9	5.4

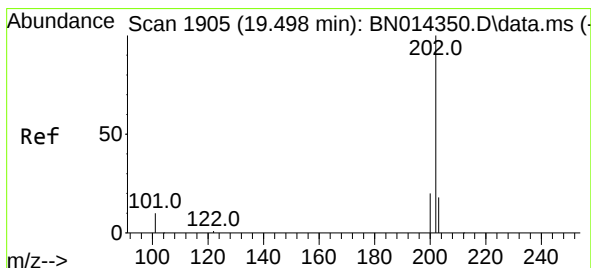
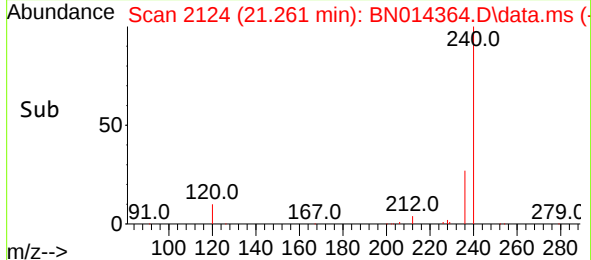
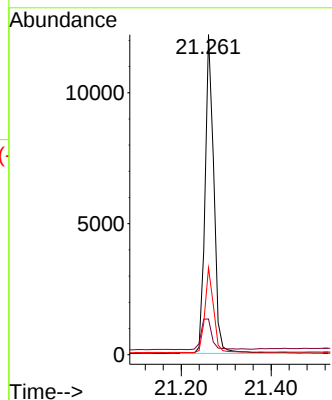
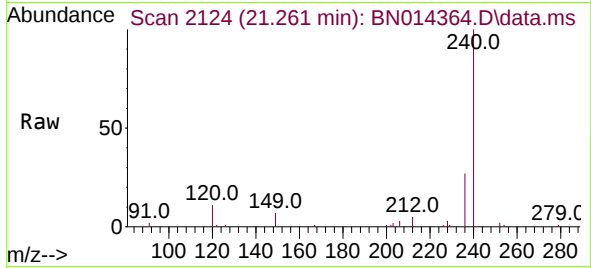




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.261 min Scan# 2124
Delta R.T. 0.003 min
Lab File: BN014364.D
Acq: 21 Apr 2021 21:02

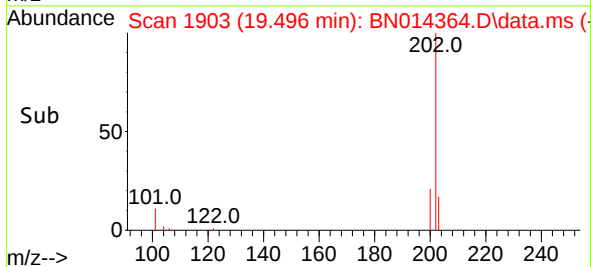
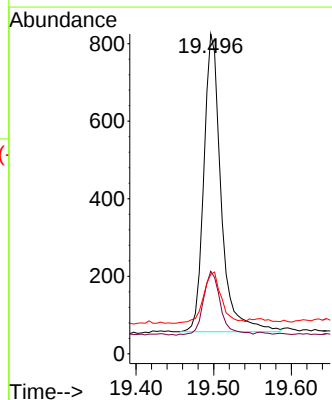
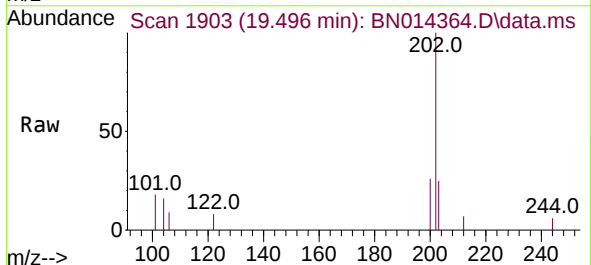
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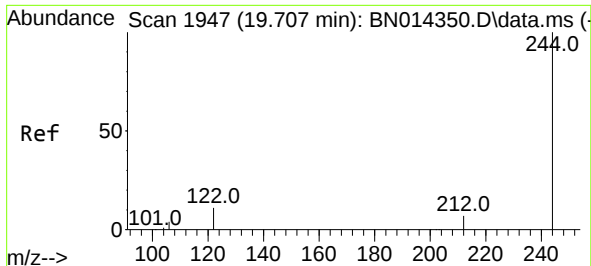
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Ion Ratio Lower Upper
240 100
120 11.1 10.7 16.1
236 27.2 21.5 32.3



#30
Pyrene
Concen: 0.02 ng
RT: 19.496 min Scan# 1903
Delta R.T. -0.002 min
Lab File: BN014364.D
Acq: 21 Apr 2021 21:02

Tgt Ion:202 Resp: 1190
Ion Ratio Lower Upper
202 100
200 21.6 16.6 24.8
203 17.8 14.1 21.1

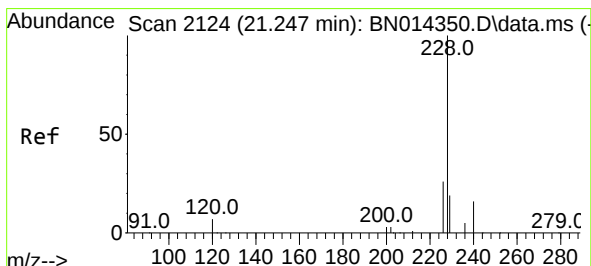
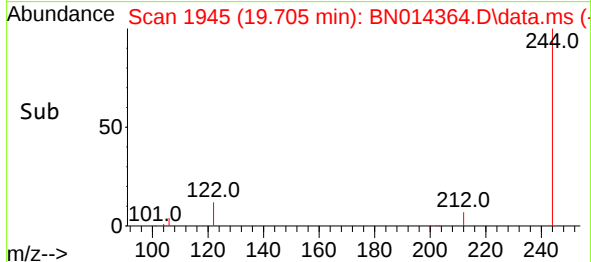
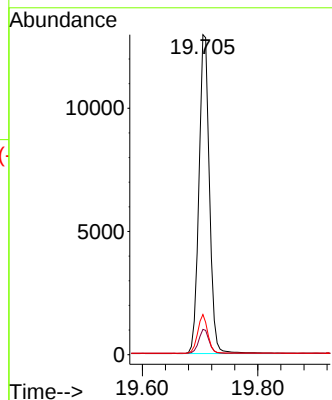
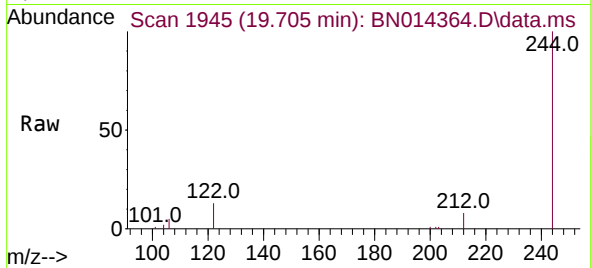




#31
 Terphenyl-d14
 Concen: 0.47 ng
 RT: 19.705 min Scan# 1945
 Delta R.T. -0.002 min
 Lab File: BN014364.D
 Acq: 21 Apr 2021 21:02

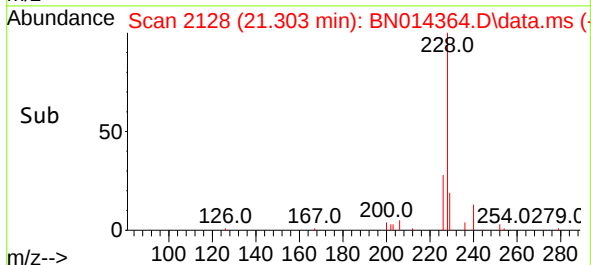
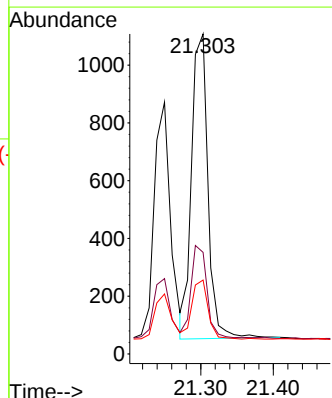
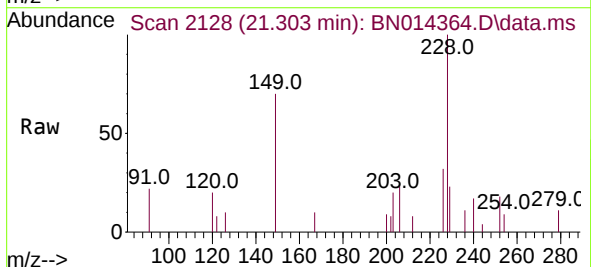
Instrument :
 BNA_N
 ClientSampleId :
 PB135901BL

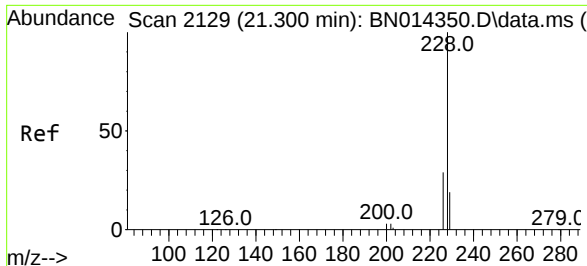
Tgt Ion:244 Resp: 16430
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.4
 122 12.5 9.3 13.9



#32
 Benzo(a)anthracene
 Concen: 0.04 ng
 RT: 21.303 min Scan# 2128
 Delta R.T. 0.056 min
 Lab File: BN014364.D
 Acq: 21 Apr 2021 21:02

Tgt Ion:228 Resp: 1654
 Ion Ratio Lower Upper
 228 100
 226 31.8 21.3 31.9
 229 23.1 15.7 23.5

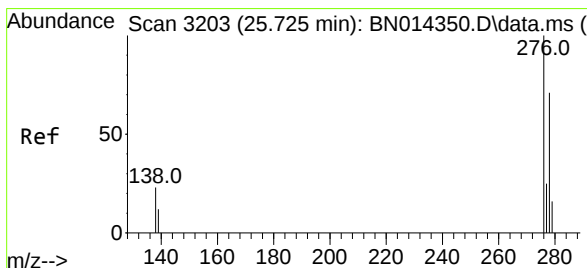
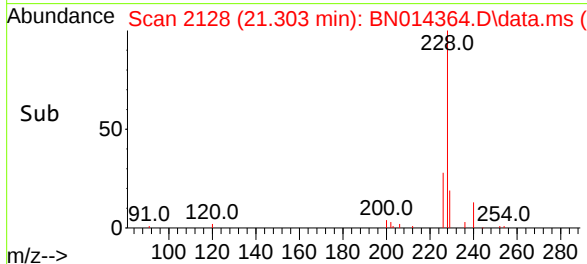
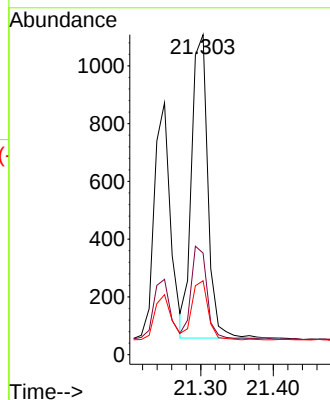
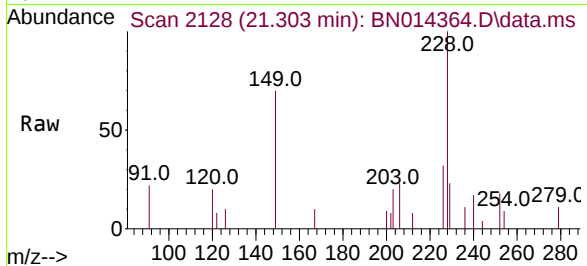




#33
Chrysene
Concen: 0.03 ng
RT: 21.303 min Scan# 2128
Delta R.T. 0.003 min
Lab File: BN014364.D
Acq: 21 Apr 2021 21:02

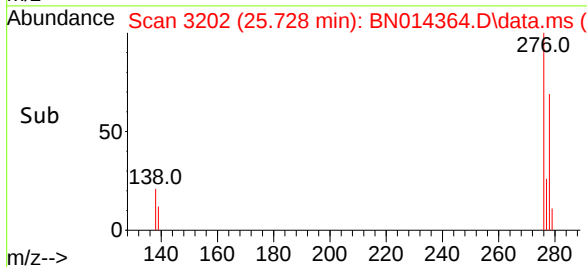
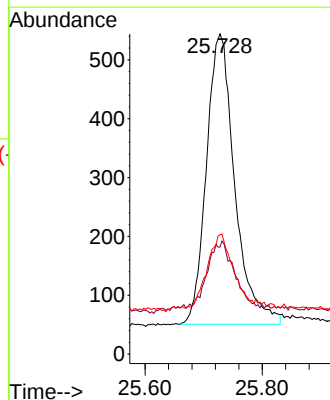
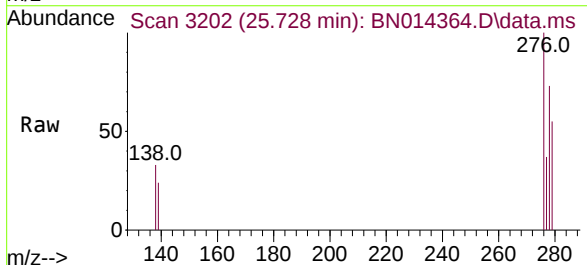
Instrument :
BNA_N
ClientSampleId :
PB135901BL

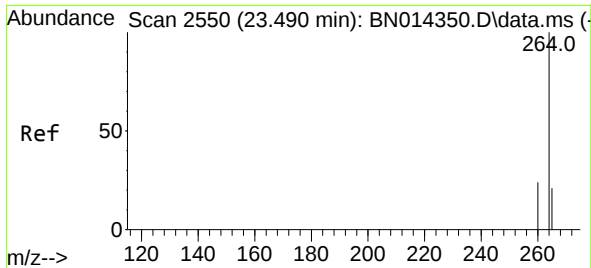
Tgt Ion:	228	Resp:	1629
Ion Ratio	Lower	Upper	
228	100		
226	31.8	23.1	34.7
229	23.1	15.7	23.5



#35
Indeno(1,2,3-cd)pyrene
Concen: 0.03 ng
RT: 25.728 min Scan# 3202
Delta R.T. 0.003 min
Lab File: BN014364.D
Acq: 21 Apr 2021 21:02

Tgt Ion:	276	Resp:	1655
Ion Ratio	Lower	Upper	
276	100		
138	21.6	18.9	28.3
277	24.0	19.8	29.8

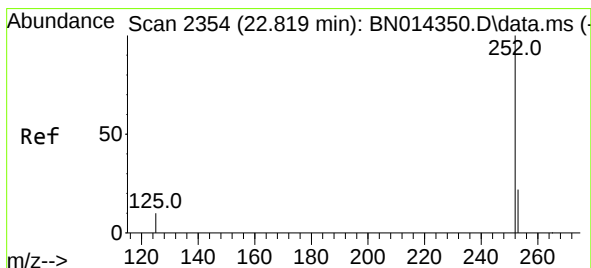
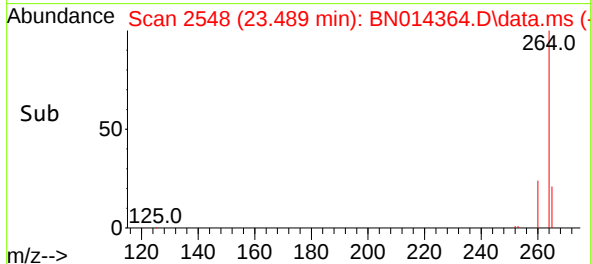
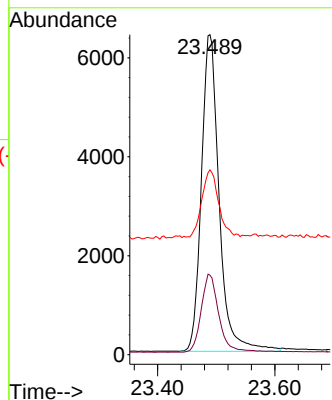
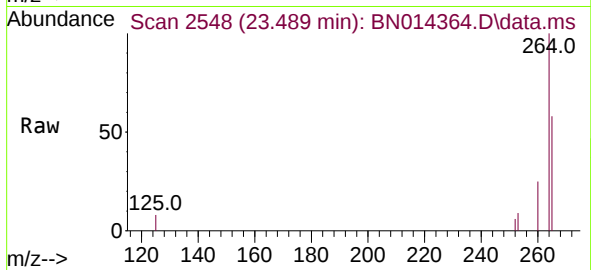




#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.489 min Scan# 2548
 Delta R.T. -0.001 min
 Lab File: BN014364.D
 Acq: 21 Apr 2021 21:02

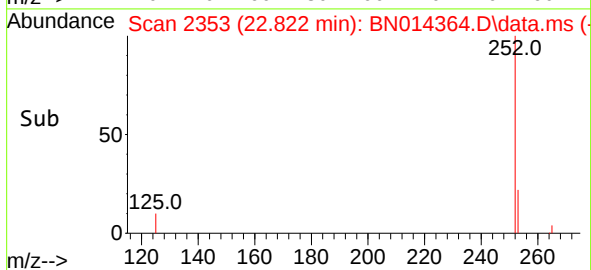
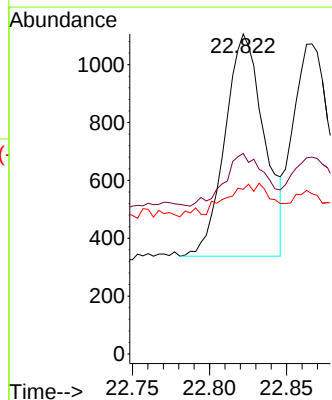
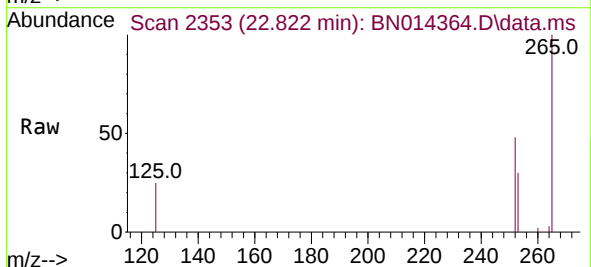
Instrument :
 BNA_N
 ClientSampleId :
 PB135901BL

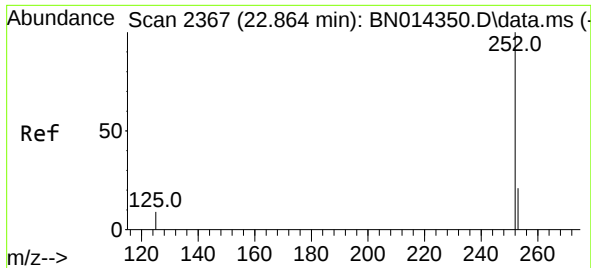
Tgt Ion:264	Resp:	13458
Ion Ratio	Lower	Upper
264	100	
260	24.8	19.8 29.6
265	57.7	34.4 51.6#



#37
 Benzo(b)fluoranthene
 Concen: 0.03 ng
 RT: 22.822 min Scan# 2353
 Delta R.T. 0.003 min
 Lab File: BN014364.D
 Acq: 21 Apr 2021 21:02

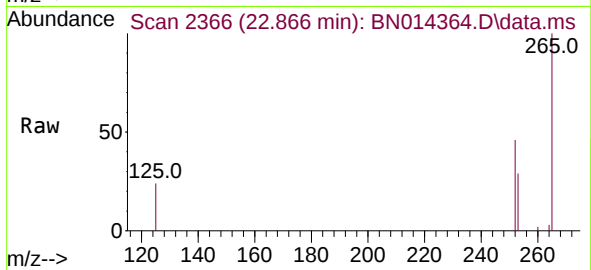
Tgt Ion:252	Resp:	1361
Ion Ratio	Lower	Upper
252	100	
253	62.7	19.0 28.6#
125	51.4	9.7 14.5#



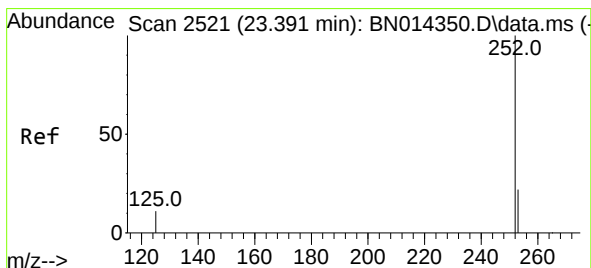
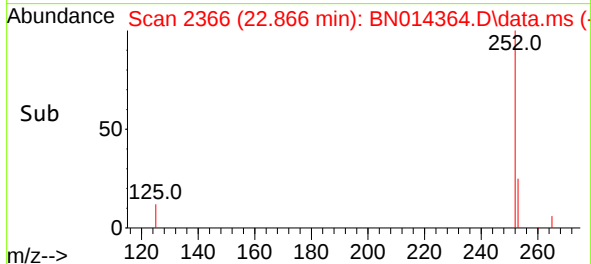
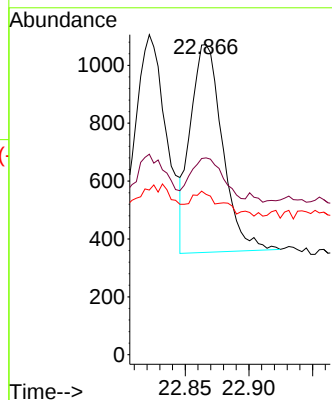


#38
Benzo(k)fluoranthene
Concen: 0.02 ng
RT: 22.866 min Scan# 2366
Delta R.T. 0.003 min
Lab File: BN014364.D
Acq: 21 Apr 2021 21:02

Instrument :
BNA_N
ClientSampleId :
PB135901BL

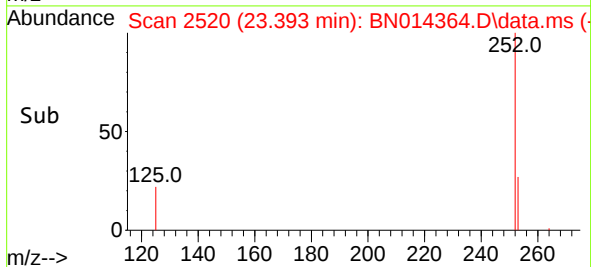
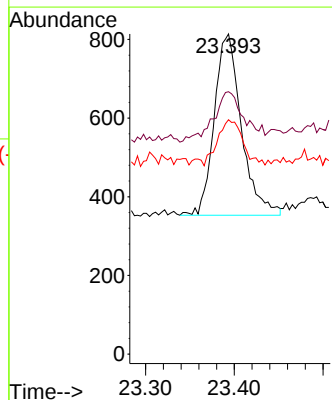
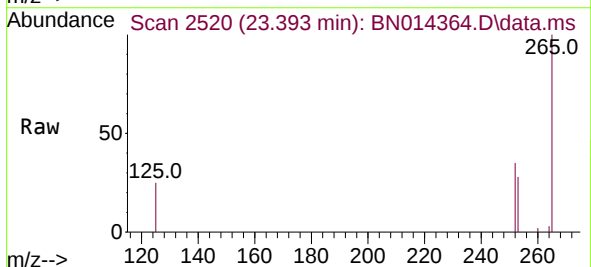


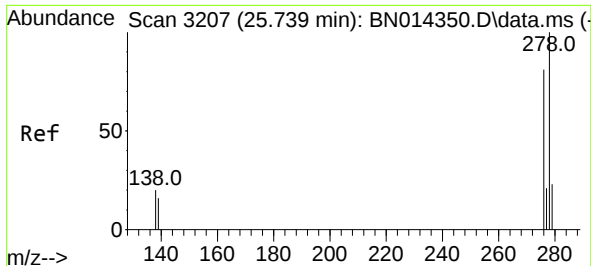
Tgt Ion:252 Resp: 1256
Ion Ratio Lower Upper
252 100
253 63.4 19.3 28.9#
125 51.7 9.4 14.2#



#39
Benzo(a)pyrene
Concen: 0.02 ng
RT: 23.393 min Scan# 2520
Delta R.T. 0.003 min
Lab File: BN014364.D
Acq: 21 Apr 2021 21:02

Tgt Ion:252 Resp: 977
Ion Ratio Lower Upper
252 100
253 81.9 20.7 31.1#
125 73.2 11.8 17.6#

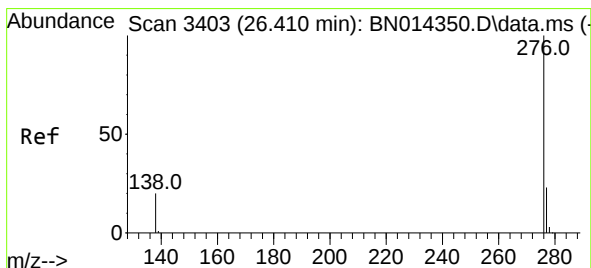
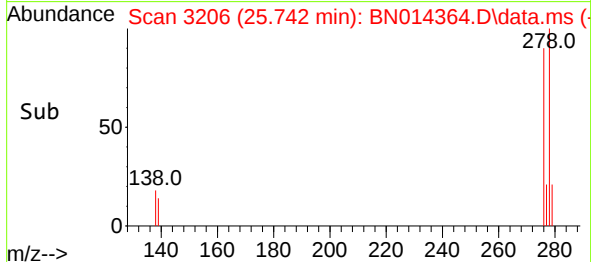
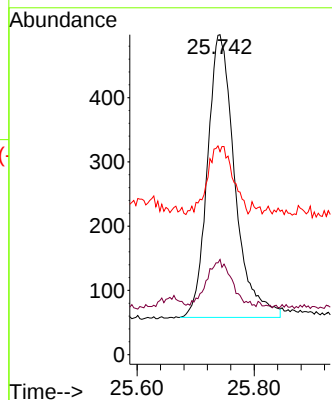
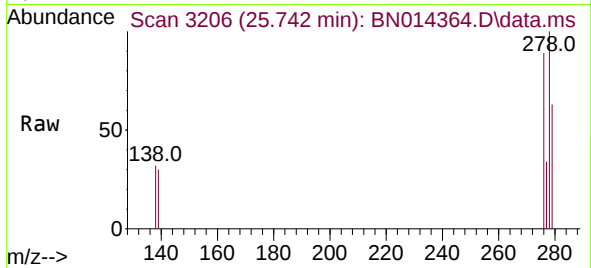




#40
Dibenzo(a,h)anthracene
Concen: 0.03 ng
RT: 25.742 min Scan# 3206
Delta R.T. 0.003 min
Lab File: BN014364.D
Acq: 21 Apr 2021 21:02

Instrument :
BNA_N
ClientSampleId :
PB135901BL

Tgt Ion:278 Resp: 1424
Ion Ratio Lower Upper
278 100
139 29.7 13.3 19.9#
279 63.5 20.2 30.2#



#41
Benzo(g,h,i)perylene
Concen: 0.03 ng
RT: 26.406 min Scan# 3400
Delta R.T. -0.004 min
Lab File: BN014364.D
Acq: 21 Apr 2021 21:02

Tgt Ion:276 Resp: 1692
Ion Ratio Lower Upper
276 100
277 34.2 19.1 28.7#
138 31.9 16.7 25.1#

