

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070221\
 Data File : BN015328.D
 Acq On : 03 Jul 2021 11:27
 Operator : CG/JU
 Sample : M2838-20
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE104D3-20210622

Quant Time: Jul 05 05:49:20 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 01 09:06:31 2021
 Response via : Initial Calibration

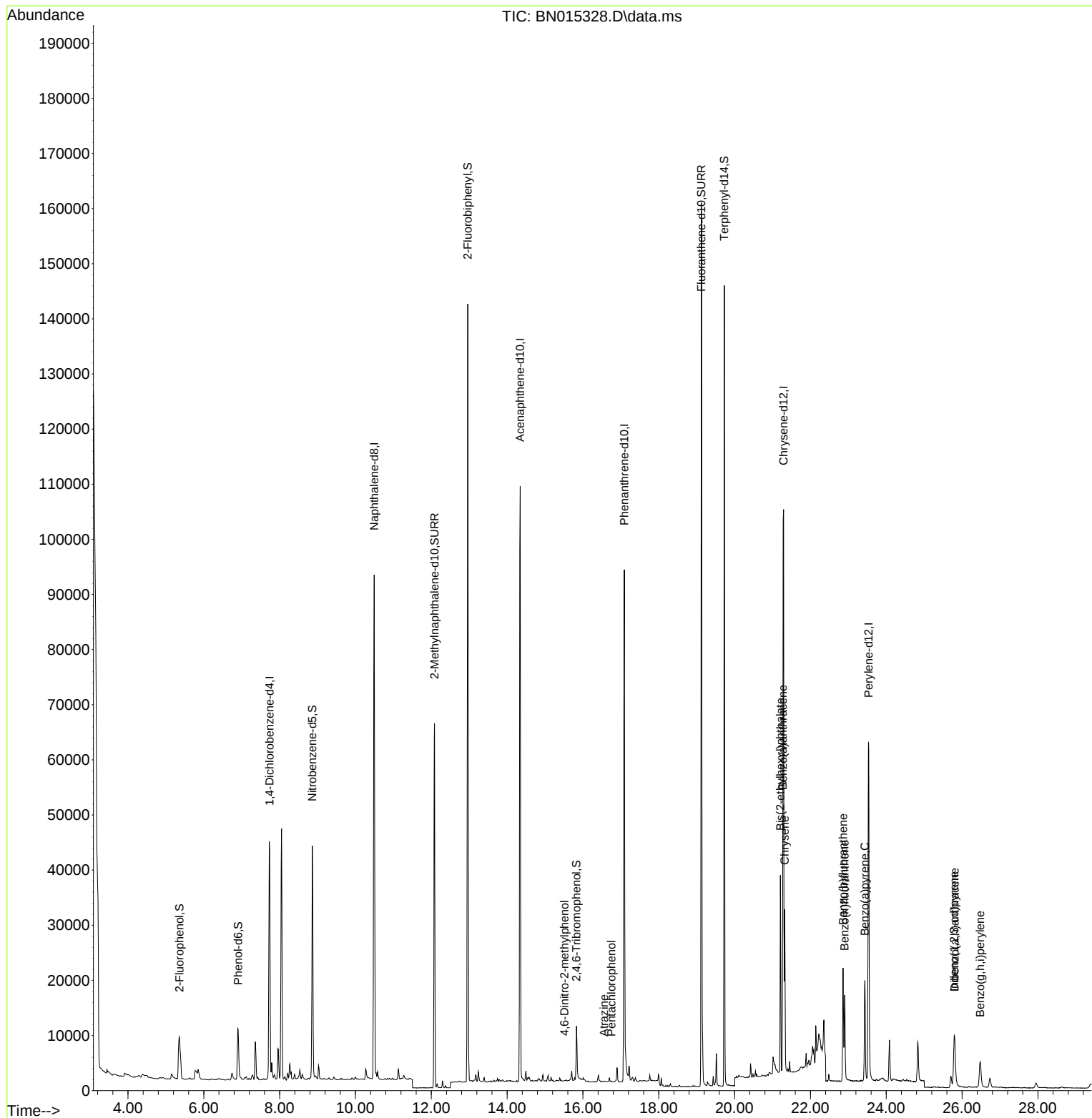
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.735	152	27267	0.40	ng	# 0.00
7) Naphthalene-d8	10.495	136	126961	0.40	ng	# 0.00
13) Acenaphthene-d10	14.345	164	70837	0.40	ng	0.00
19) Phenanthrene-d10	17.091	188	138340	0.40	ng	# 0.00
29) Chrysene-d12	21.291	240	103061	0.40	ng	#-0.01
35) Perylene-d12	23.532	264	83208	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.356	112	14742	0.21	ng	0.00
5) Phenol-d6	6.905	99	12190	0.14	ng	0.00
8) Nitrobenzene-d5	8.860	82	37023	0.52	ng	0.00
11) 2-Methylnaphthalene-d10	12.083	152	88258	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.829	330	8790	0.51	ng	-0.01
15) 2-Fluorobiphenyl	12.962	172	120809	0.42	ng	0.00
27) Fluoranthene-d10	19.122	212	185012	0.45	ng	-0.01
31) Terphenyl-d14	19.728	244	138324	0.57	ng	-0.01
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.512	198	12	0.20	ng	# 1
23) Atrazine	16.555	200	15	0.17	ng	# 14
24) Pentachlorophenol	16.750	266	77	0.25	ng	# 90
32) Benzo(a)anthracene	21.270	228	23207	0.07	ng	98
33) Chrysene	21.323	228	22576	0.06	ng	98
34) Bis(2-ethylhexyl)phtha...	21.206	149	31915	0.40	ng	# 87
36) Indeno(1,2,3-cd)pyrene	25.791	276	12866	0.04	ng	# 88
37) Benzo(b)fluoranthene	22.858	252	21479	0.07	ng	# 70
38) Benzo(k)fluoranthene	22.903	252	20252	0.06	ng	# 93
39) Benzo(a)pyrene	23.433	252	16949	0.06	ng	# 28
40) Dibenzo(a,h)anthracene	25.802	278	10070	0.04	ng	# 90
41) Benzo(g,h,i)perylene	26.476	276	11163	0.04	ng	# 86

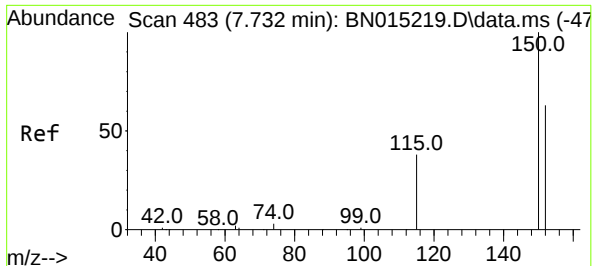
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 01 09:06:31 2021
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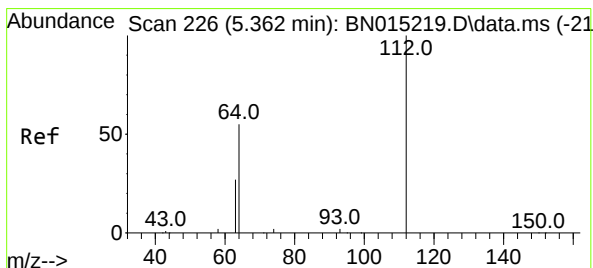
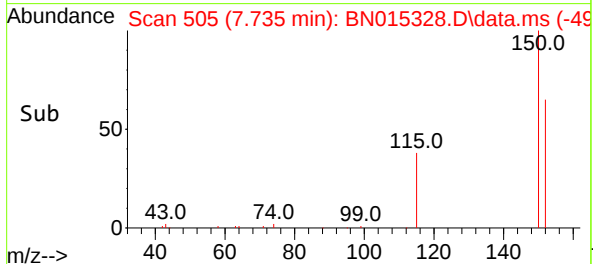
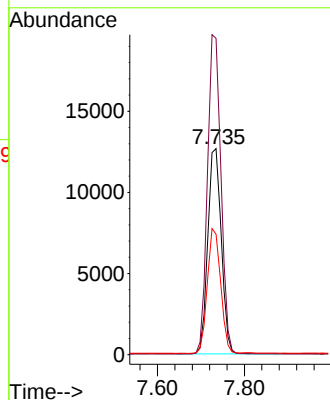
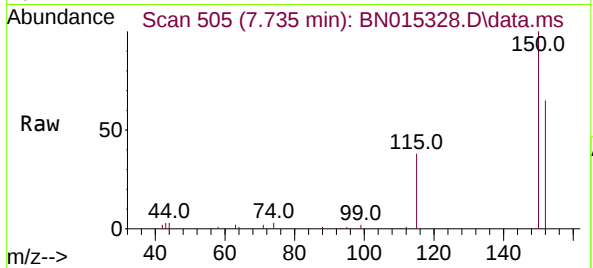




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.735 min Scan# 505
Delta R.T. 0.003 min
Lab File: BN015328.D
Acq: 03 Jul 2021 11:27

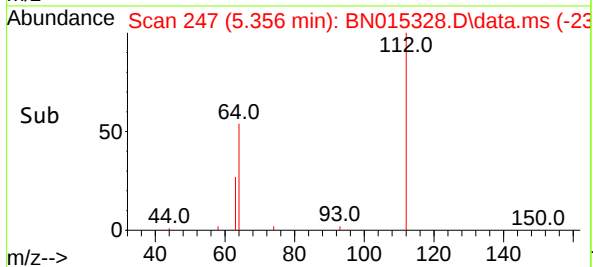
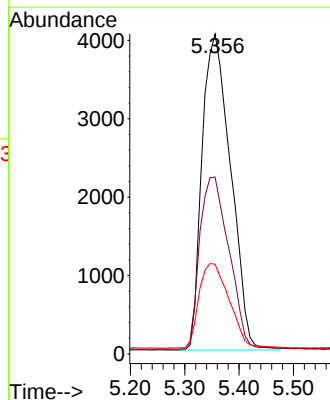
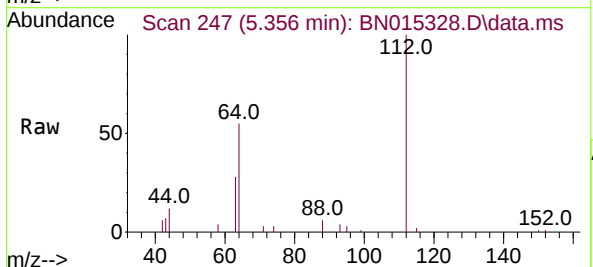
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BNA_N
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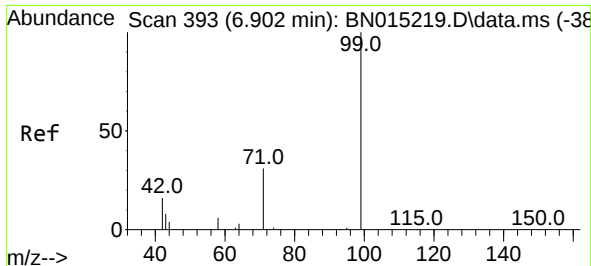
Tgt Ion:152 Resp: 27267
Ion Ratio Lower Upper
152 100
150 153.5 119.0 178.6
115 58.4 62.2 93.4#



#4
2-Fluorophenol
Concen: 0.21 ng
RT: 5.356 min Scan# 247
Delta R.T. -0.006 min
Lab File: BN015328.D
Acq: 03 Jul 2021 11:27

Tgt Ion:112 Resp: 14742
Ion Ratio Lower Upper
112 100
64 55.7 39.0 58.6
63 28.1 20.6 30.8

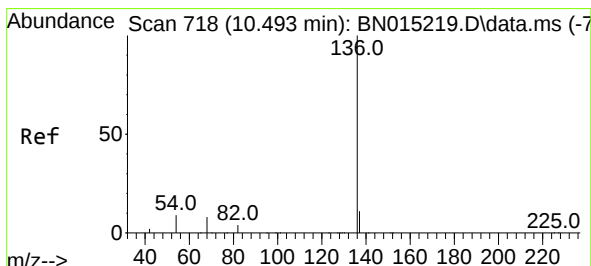
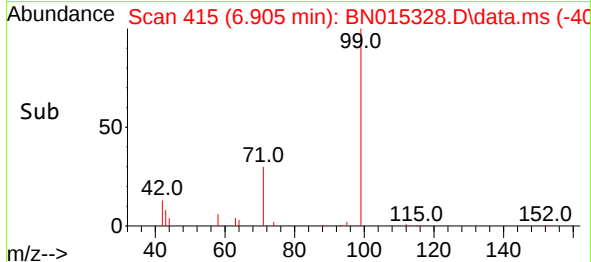
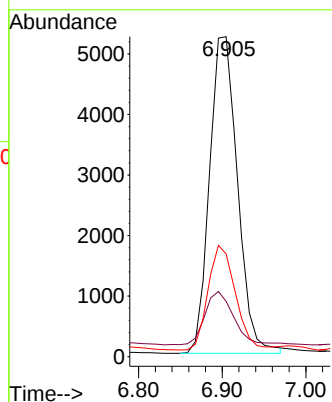
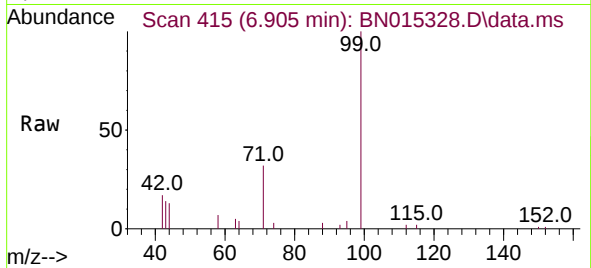




#5
Phenol-d6
Concen: 0.14 ng
RT: 6.905 min Scan# 415
Delta R.T. 0.003 min
Lab File: BN015328.D
Acq: 03 Jul 2021 11:27

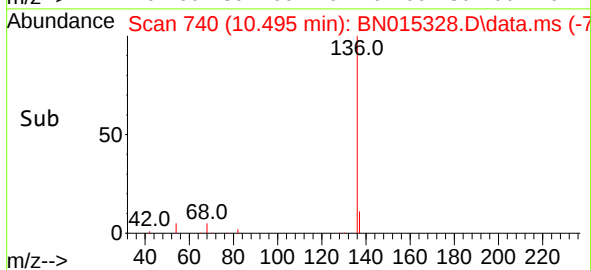
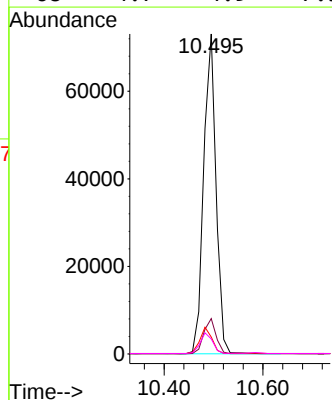
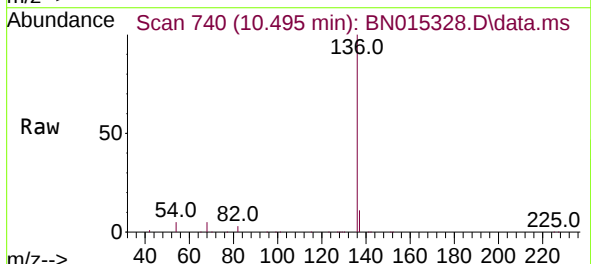
Instrument :
BNA_N
ClientSampleId :
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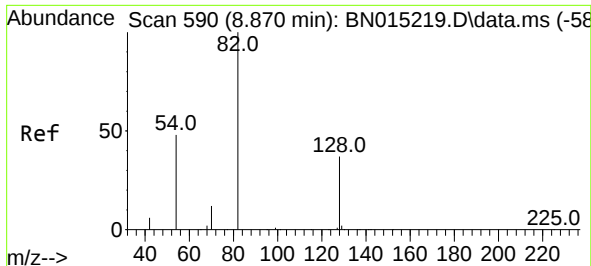
Tgt Ion: 99 Resp: 12190
Ion Ratio Lower Upper
99 100
42 17.1 8.9 13.3#
71 32.4 35.6 53.4#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.495 min Scan# 740
Delta R.T. 0.003 min
Lab File: BN015328.D
Acq: 03 Jul 2021 11:27

Tgt Ion: 136 Resp: 126961
Ion Ratio Lower Upper
136 100
137 11.1 9.8 14.8
54 5.3 5.4 8.2#
68 4.7 4.9 7.3#

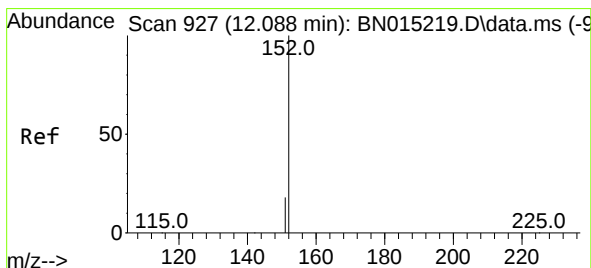
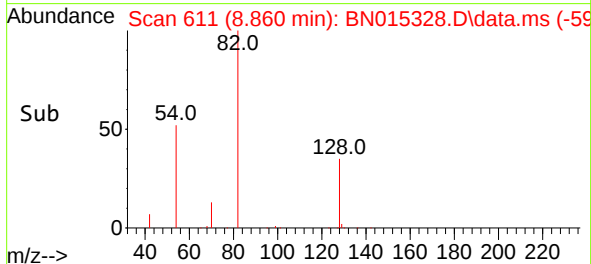
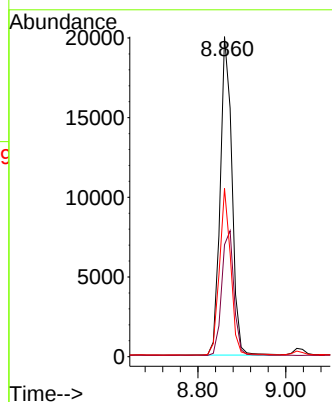
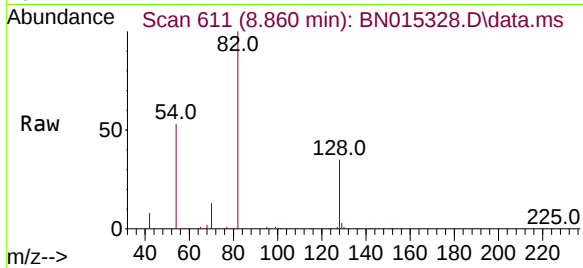




#8
Nitrobenzene-d5
Concen: 0.52 ng
RT: 8.860 min Scan# 611
Delta R.T. -0.010 min
Lab File: BN015328.D
Acq: 03 Jul 2021 11:27

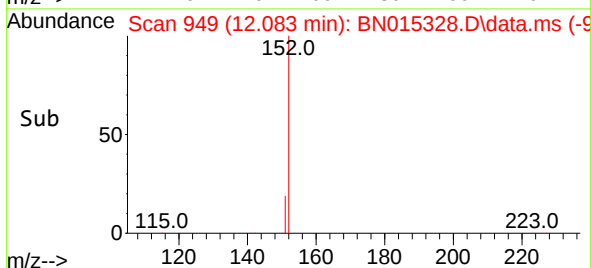
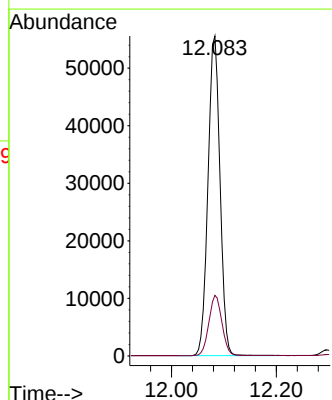
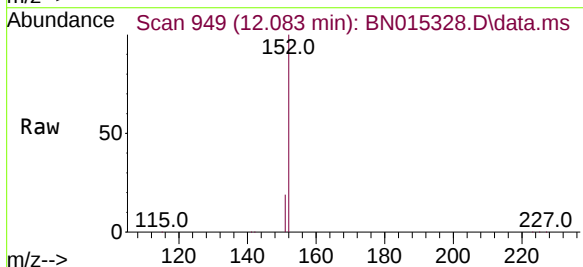
Instrument :
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ClientSampleId :
RE104D3-20210622

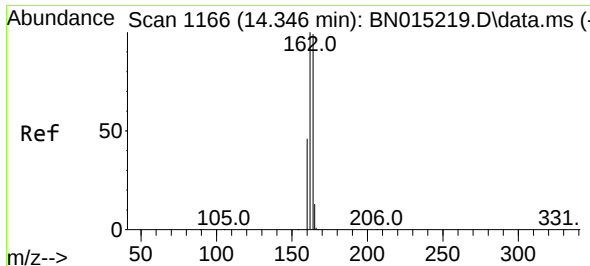
Tgt Ion: 82 Resp: 37023
Ion Ratio Lower Upper
82 100
128 35.0 31.6 47.4
54 52.6 29.0 43.4#



#11
2-Methylnaphthalene-d10
Concen: 0.42 ng
RT: 12.083 min Scan# 949
Delta R.T. -0.005 min
Lab File: BN015328.D
Acq: 03 Jul 2021 11:27

Tgt Ion: 152 Resp: 88258
Ion Ratio Lower Upper
152 100
151 20.5 16.7 25.1

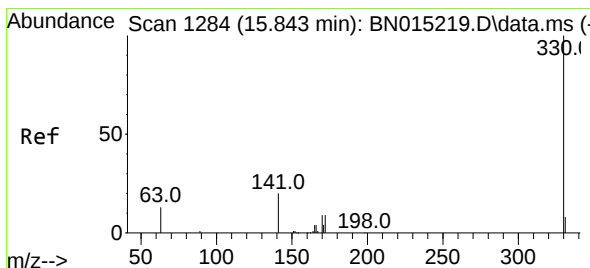
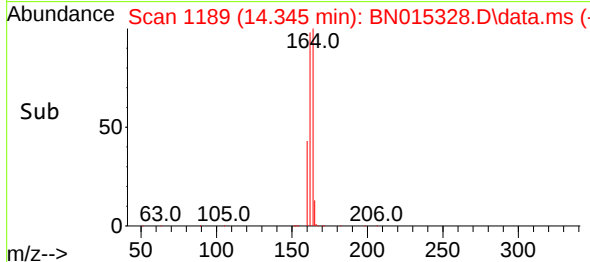
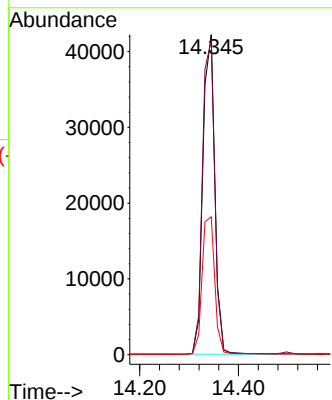
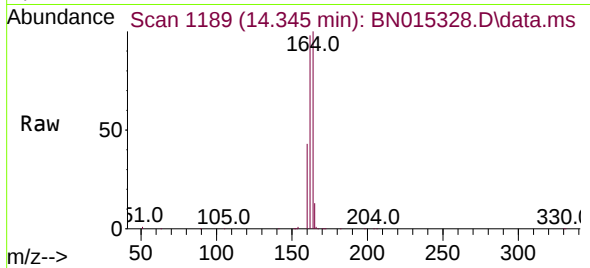




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.345 min Scan# 1189
Delta R.T. -0.001 min
Lab File: BN015328.D
Acq: 03 Jul 2021 11:27

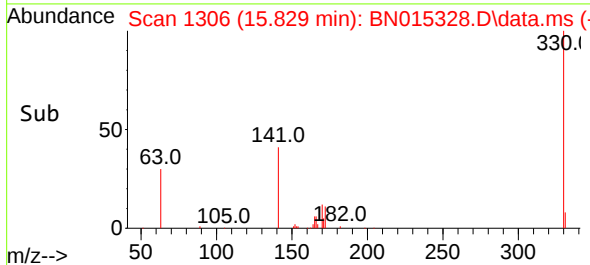
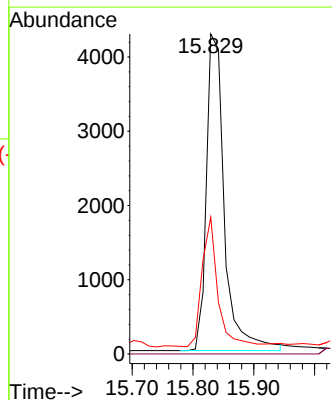
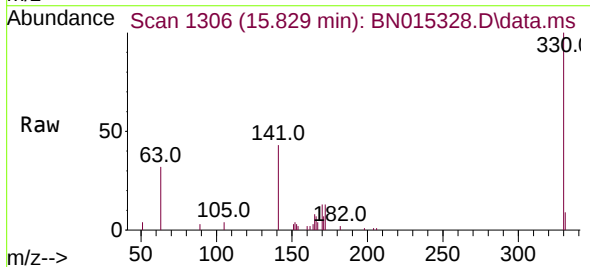
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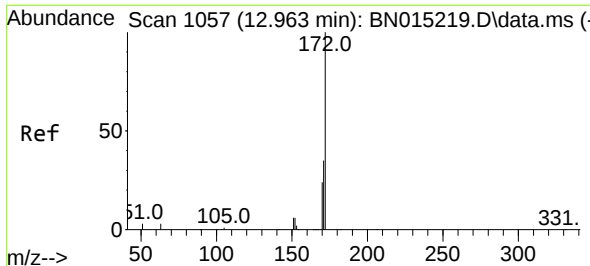
Tgt Ion:164 Resp: 70837
Ion Ratio Lower Upper
164 100
162 98.2 83.8 125.6
160 43.1 37.4 56.0



#14
2,4,6-Tribromophenol
Concen: 0.51 ng
RT: 15.829 min Scan# 1306
Delta R.T. -0.014 min
Lab File: BN015328.D
Acq: 03 Jul 2021 11:27

Tgt Ion:330 Resp: 8790
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 35.4 22.4 33.6#

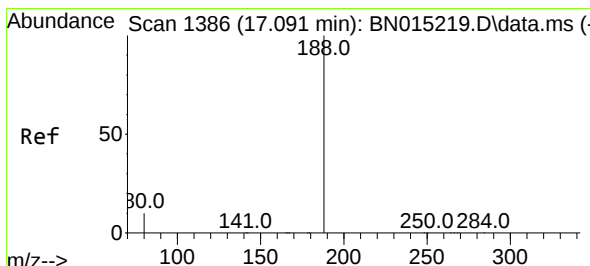
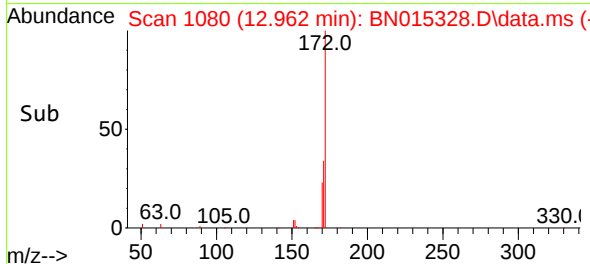
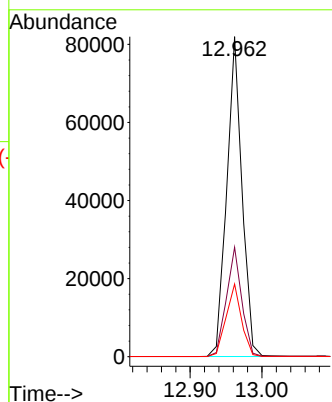
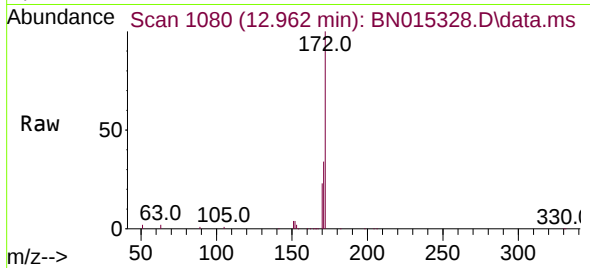




#15
2-Fluorobiphenyl
Concen: 0.42 ng
RT: 12.962 min Scan# 1080
Delta R.T. -0.001 min
Lab File: BN015328.D
Acq: 03 Jul 2021 11:27

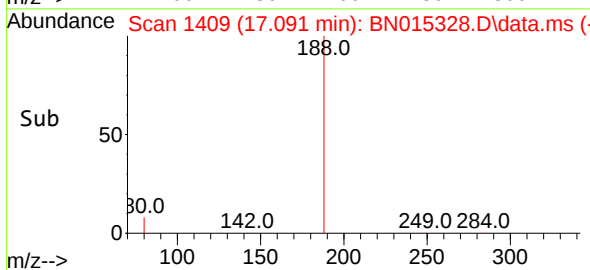
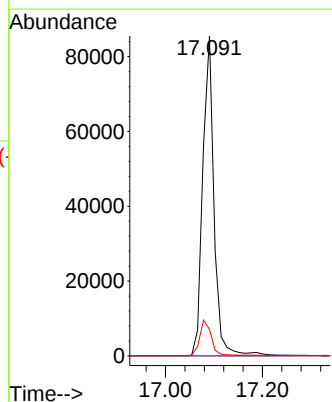
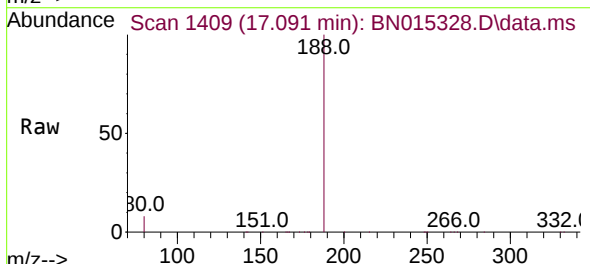
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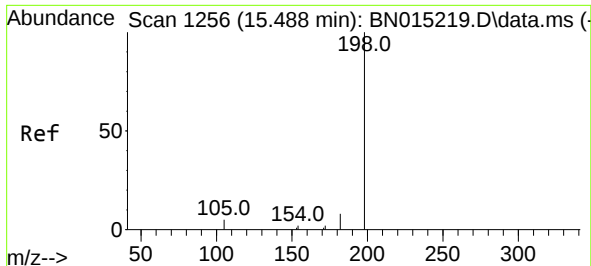
Tgt Ion:172 Resp: 120809
Ion Ratio Lower Upper
172 100
171 34.2 30.6 45.8
170 22.7 20.2 30.4



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.091 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BN015328.D
Acq: 03 Jul 2021 11:27

Tgt Ion:188 Resp: 138340
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.3 9.0 13.4#

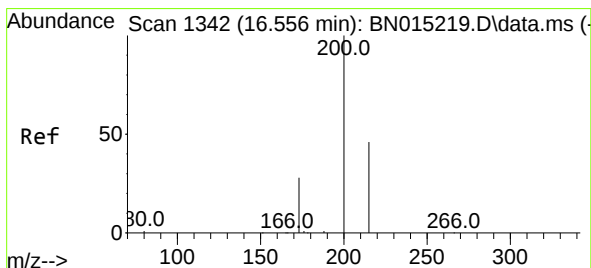
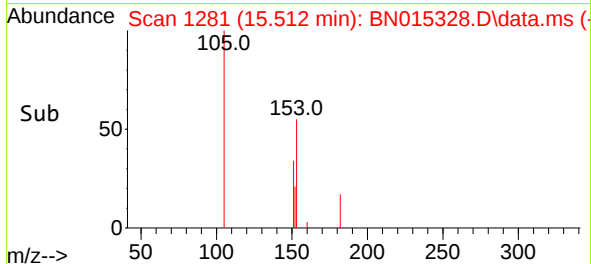
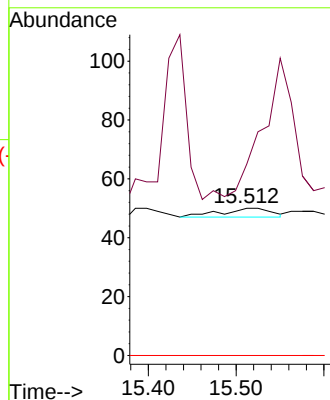
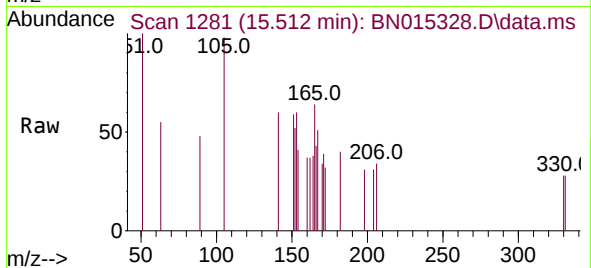




#20
4,6-Dinitro-2-methylphenol
Concen: 0.20 ng
RT: 15.512 min Scan# 1281
Delta R.T. 0.024 min
Lab File: BN015328.D
Acq: 03 Jul 2021 11:27

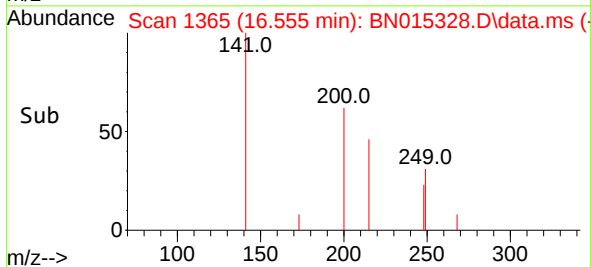
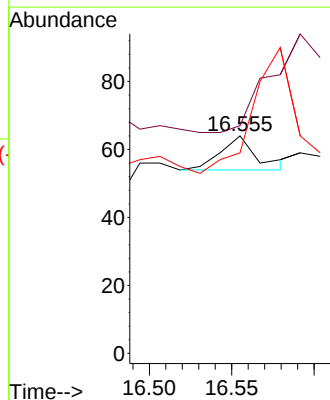
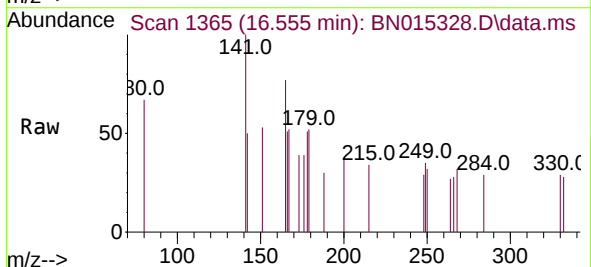
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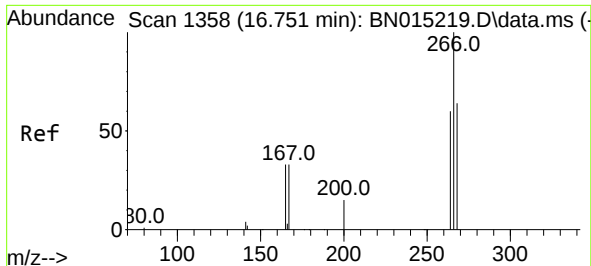
Tgt Ion:198 Resp: 12
Ion Ratio Lower Upper
198 100
182 130.0 34.5 51.7#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.17 ng
RT: 16.555 min Scan# 1365
Delta R.T. -0.001 min
Lab File: BN015328.D
Acq: 03 Jul 2021 11:27

Tgt Ion:200 Resp: 15
Ion Ratio Lower Upper
200 100
173 104.7 21.7 32.5#
215 92.2 43.1 64.7#

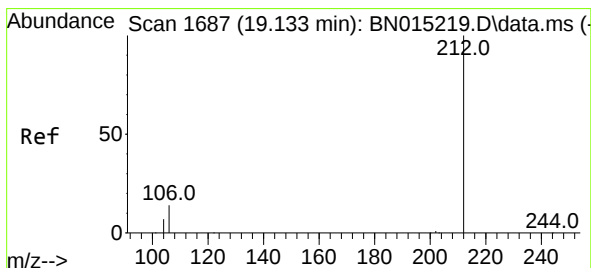
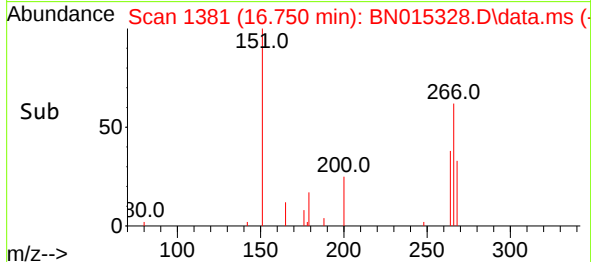
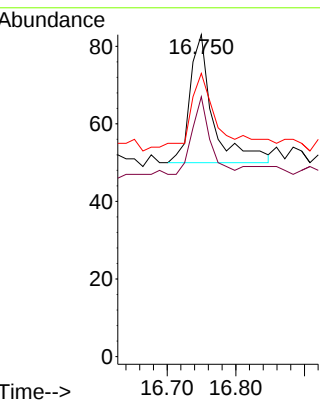
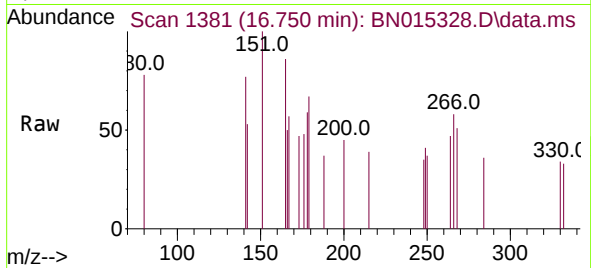




#24
Pentachlorophenol
Concen: 0.25 ng
RT: 16.750 min Scan# 1381
Delta R.T. -0.001 min
Lab File: BN015328.D
Acq: 03 Jul 2021 11:27

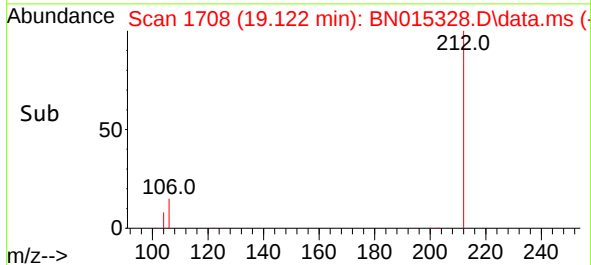
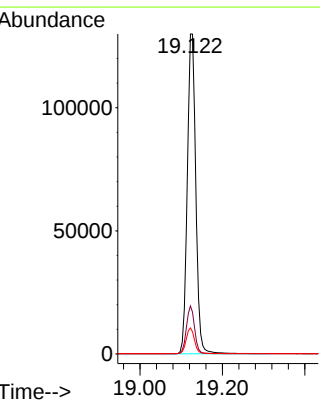
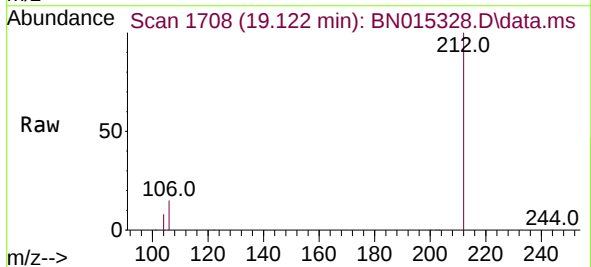
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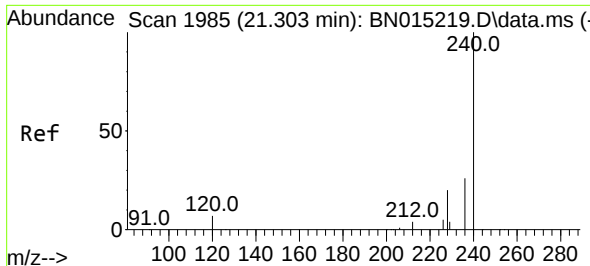
Tgt Ion:266 Resp: 77
Ion Ratio Lower Upper
266 100
264 48.1 51.0 76.4#
268 63.6 50.6 76.0



#27
Fluoranthene-d10
Concen: 0.45 ng
RT: 19.122 min Scan# 1708
Delta R.T. -0.011 min
Lab File: BN015328.D
Acq: 03 Jul 2021 11:27

Tgt Ion:212 Resp: 185012
Ion Ratio Lower Upper
212 100
106 14.4 7.0 10.6#
104 7.9 4.1 6.1#

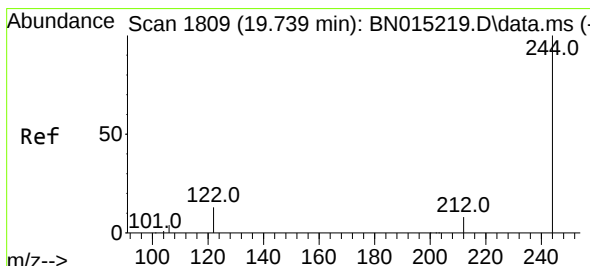
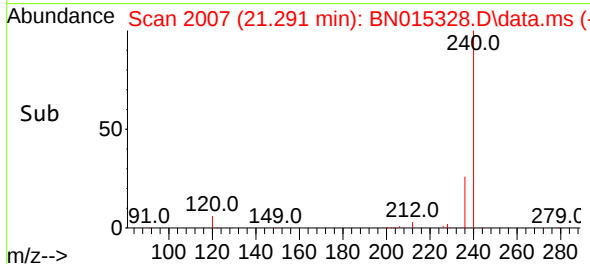
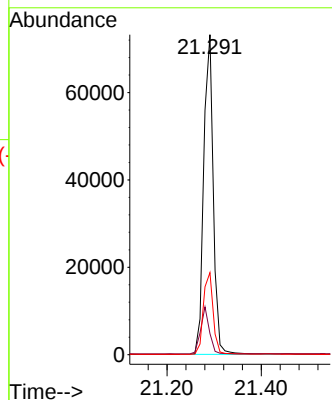
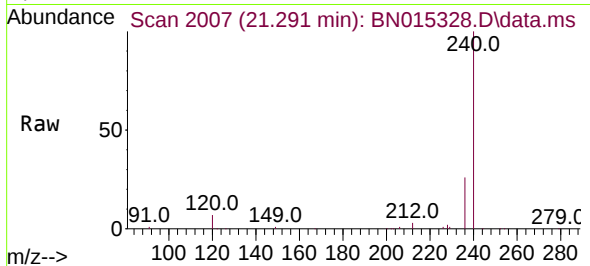




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.291 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BN015328.D
Acq: 03 Jul 2021 11:27

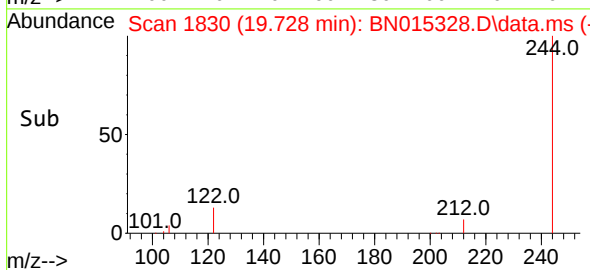
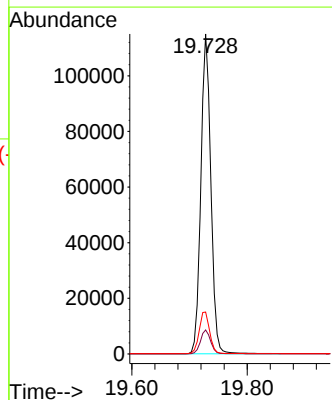
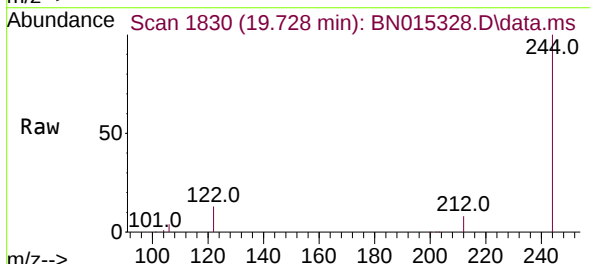
Instrument :
BNA_N
ClientSampleId :
RE104D3-20210622

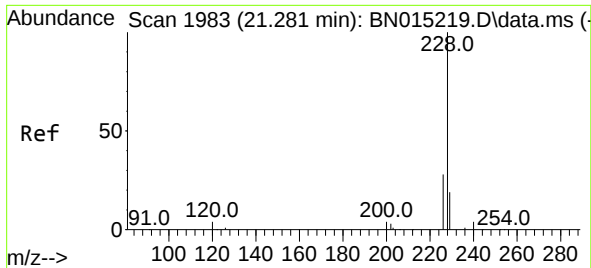
Tgt Ion:240 Resp: 103061
Ion Ratio Lower Upper
240 100
120 6.6 4.2 6.4#
236 25.7 21.4 32.2



#31
Terphenyl-d14
Concen: 0.57 ng
RT: 19.728 min Scan# 1830
Delta R.T. -0.011 min
Lab File: BN015328.D
Acq: 03 Jul 2021 11:27

Tgt Ion:244 Resp: 138324
Ion Ratio Lower Upper
244 100
212 7.5 6.3 9.5
122 13.1 6.2 9.2#

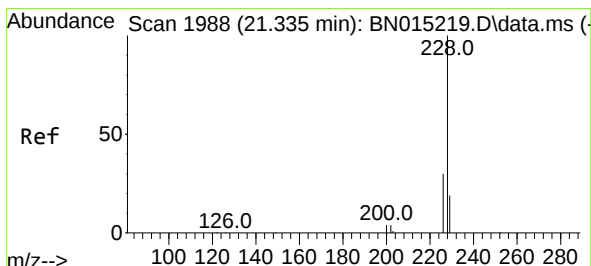
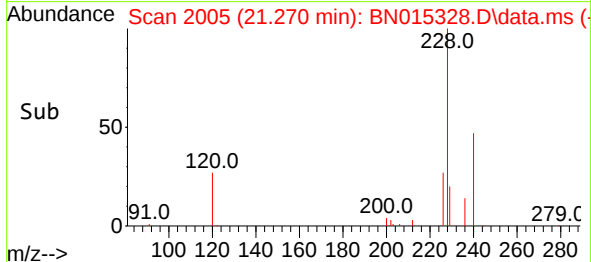
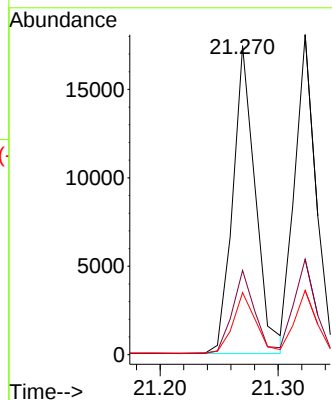
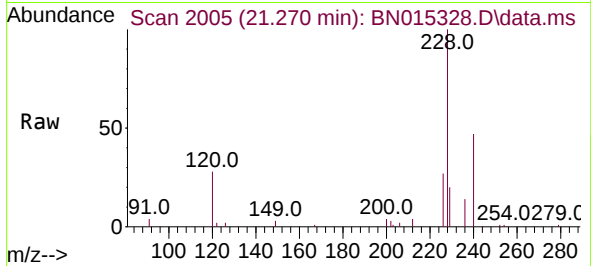




#32
Benzo(a)anthracene
Concen: 0.07 ng
RT: 21.270 min Scan# 2005
Delta R.T. -0.011 min
Lab File: BN015328.D
Acq: 03 Jul 2021 11:27

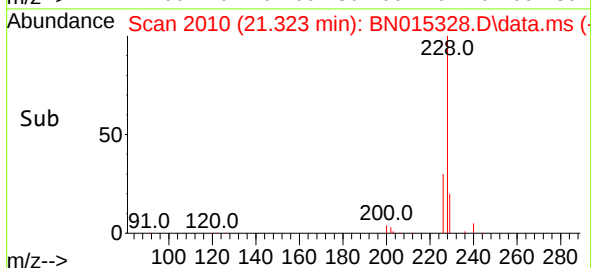
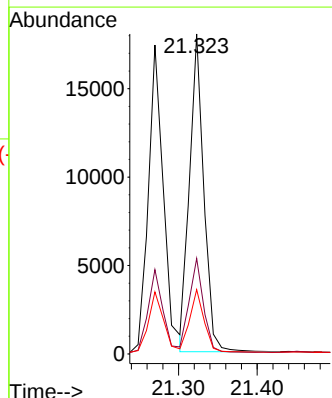
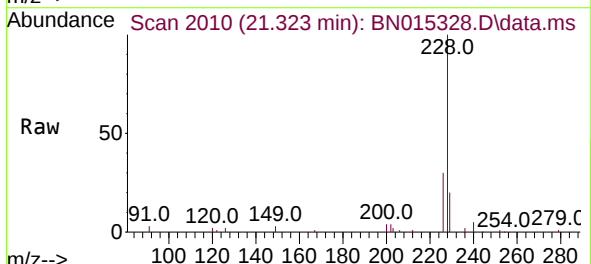
Instrument :
BNA_N
ClientSampleId :
RE104D3-20210622

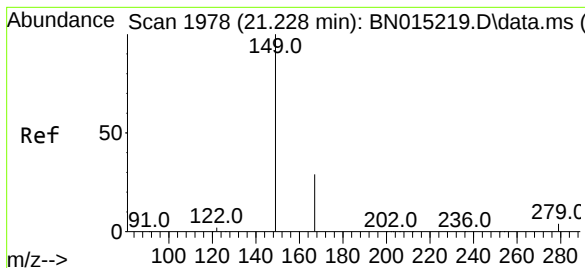
Tgt Ion:228	Resp:	23207
Ion Ratio	Lower	Upper
228	100	
226	27.3	23.0 34.6
229	20.1	15.7 23.5



#33
Chrysene
Concen: 0.06 ng
RT: 21.323 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BN015328.D
Acq: 03 Jul 2021 11:27

Tgt Ion:228	Resp:	22576
Ion Ratio	Lower	Upper
228	100	
226	29.8	25.0 37.6
229	20.1	15.9 23.9

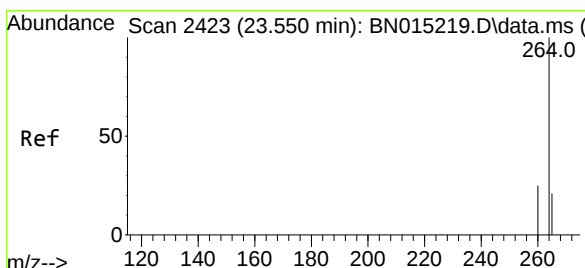
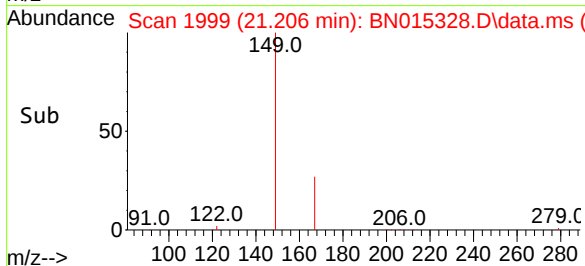
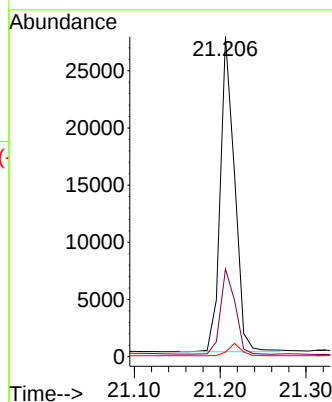
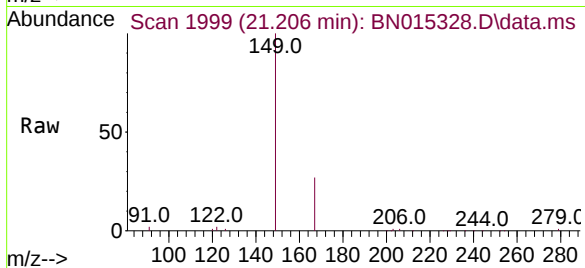




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.40 ng
RT: 21.206 min Scan# 1999
Delta R.T. -0.022 min
Lab File: BN015328.D
Acq: 03 Jul 2021 11:27

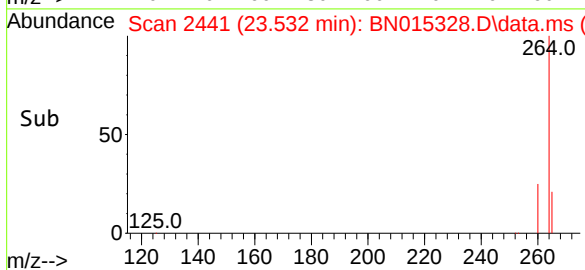
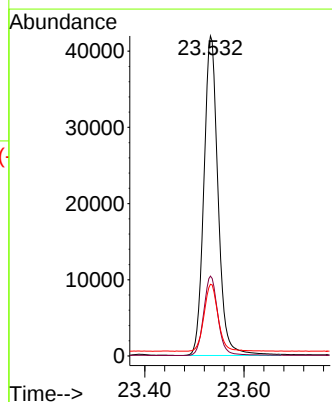
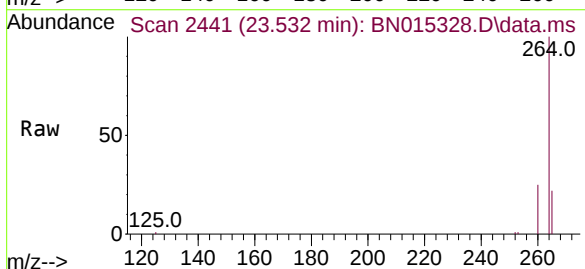
Instrument :
BNA_N
ClientSampleId :
RE104D3-20210622

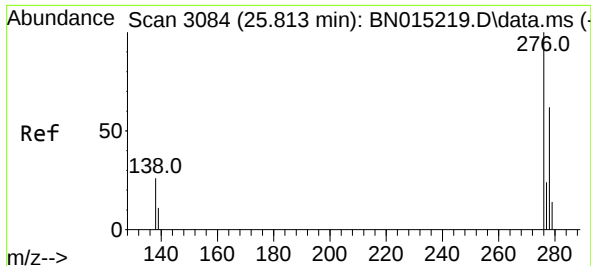
Tgt Ion:149 Resp: 31915
Ion Ratio Lower Upper
149 100
167 27.6 28.9 43.3#
279 3.6 4.9 7.3#



#35
Perylene-d12
Concen: 0.40 ng
RT: 23.532 min Scan# 2441
Delta R.T. -0.018 min
Lab File: BN015328.D
Acq: 03 Jul 2021 11:27

Tgt Ion:264 Resp: 83208
Ion Ratio Lower Upper
264 100
260 24.9 20.6 31.0
265 22.4 21.4 32.2

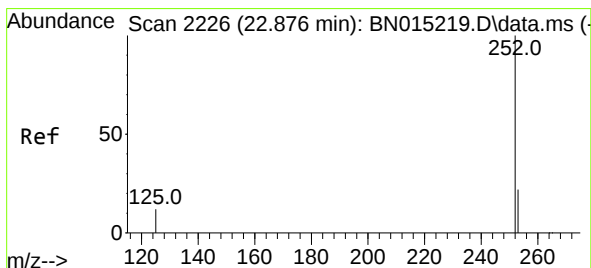
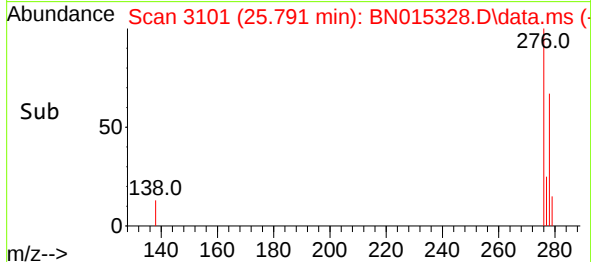
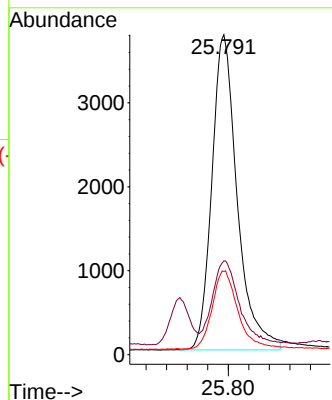
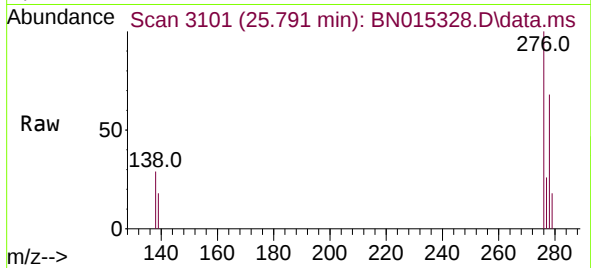




#36
Indeno(1,2,3-cd)pyrene
Concen: 0.04 ng
RT: 25.791 min Scan# 3101
Delta R.T. -0.021 min
Lab File: BN015328.D
Acq: 03 Jul 2021 11:27

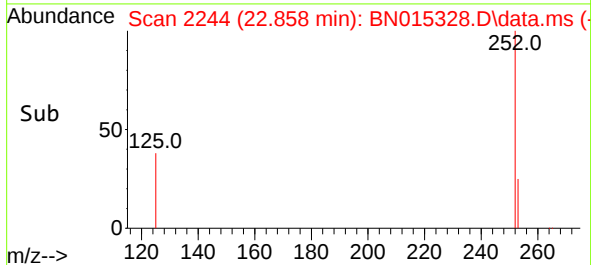
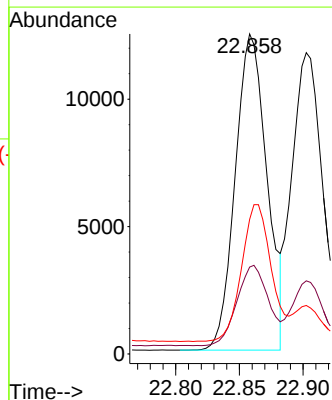
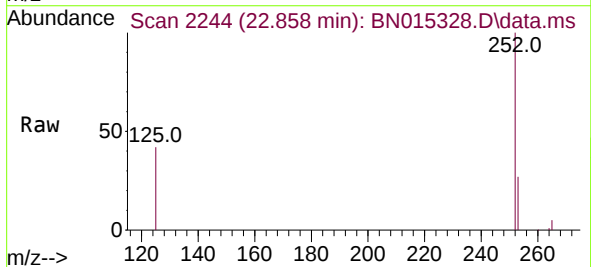
Instrument :
BNA_N
ClientSampleId :
RE104D3-20210622

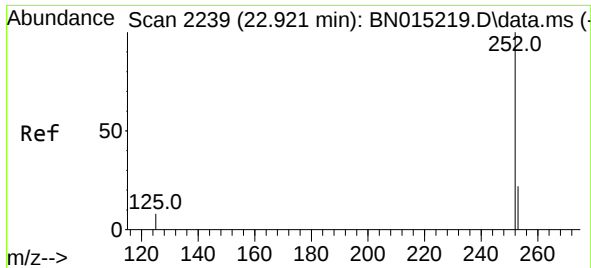
Tgt Ion:276 Resp: 12866
Ion Ratio Lower Upper
276 100
138 26.5 10.0 15.0#
277 25.1 20.4 30.6



#37
Benzo(b)fluoranthene
Concen: 0.07 ng
RT: 22.858 min Scan# 2244
Delta R.T. -0.018 min
Lab File: BN015328.D
Acq: 03 Jul 2021 11:27

Tgt Ion:252 Resp: 21479
Ion Ratio Lower Upper
252 100
253 27.1 18.5 27.7
125 42.0 5.8 8.6#

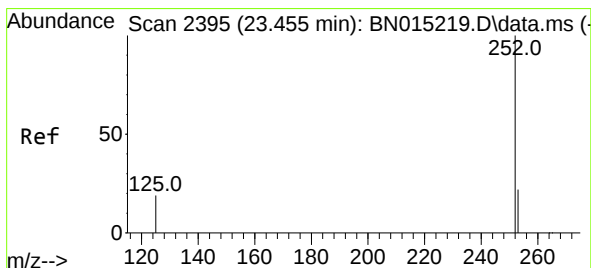
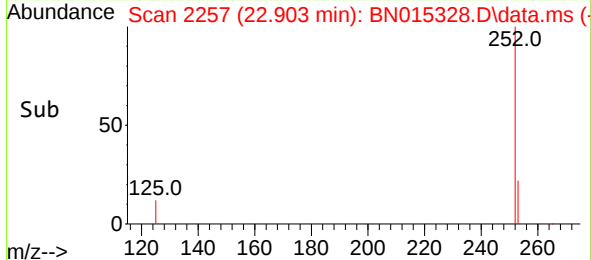
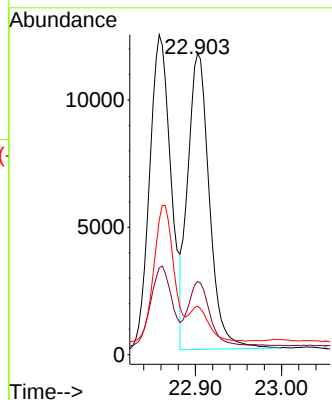
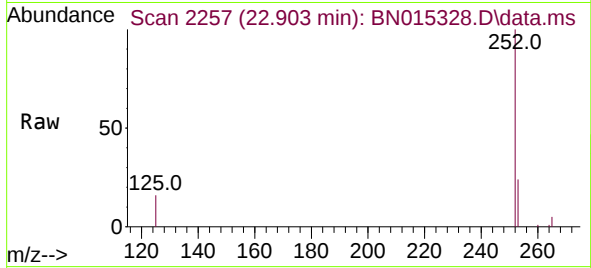




#38
Benzo(k)fluoranthene
Concen: 0.06 ng
RT: 22.903 min Scan# 2257
Delta R.T. -0.018 min
Lab File: BN015328.D
Acq: 03 Jul 2021 11:27

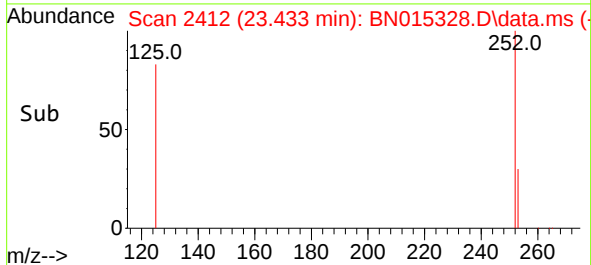
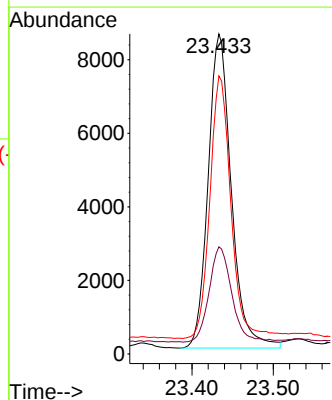
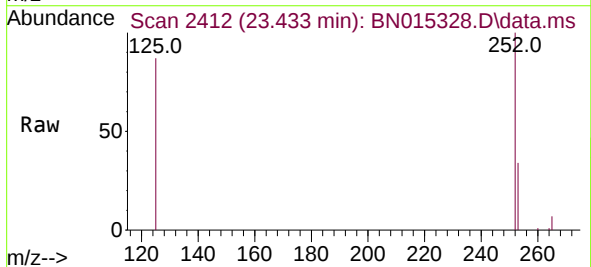
Instrument :
BNA_N
ClientSampleId :
RE104D3-20210622

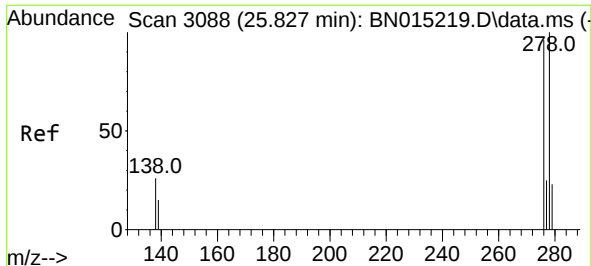
Tgt Ion:252 Resp: 20252
Ion Ratio Lower Upper
252 100
253 24.3 19.1 28.7
125 16.1 5.4 8.0#



#39
Benzo(a)pyrene
Concen: 0.06 ng
RT: 23.433 min Scan# 2412
Delta R.T. -0.022 min
Lab File: BN015328.D
Acq: 03 Jul 2021 11:27

Tgt Ion:252 Resp: 16949
Ion Ratio Lower Upper
252 100
253 33.5 19.4 29.2#
125 86.9 7.4 11.2#

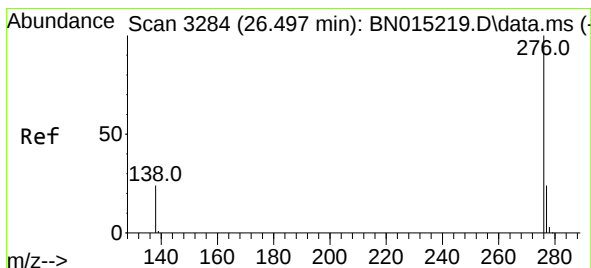
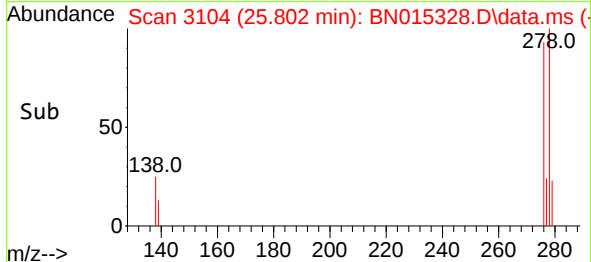
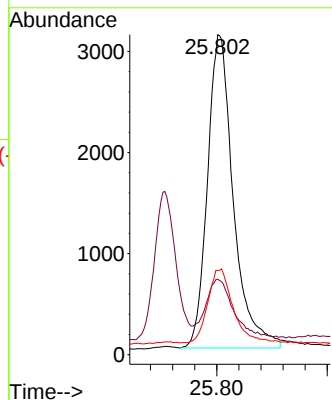
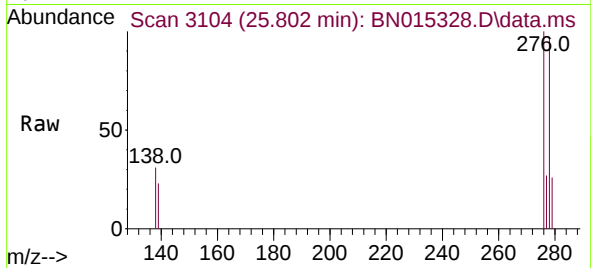




#40
Dibenzo(a,h)anthracene
Concen: 0.04 ng
RT: 25.802 min Scan# 3104
Delta R.T. -0.025 min
Lab File: BN015328.D
Acq: 03 Jul 2021 11:27

Instrument :
BNA_N
ClientSampleId :
RE104D3-20210622

Tgt Ion:278 Resp: 10070
Ion Ratio Lower Upper
278 100
139 23.6 9.0 13.4#
279 26.3 21.0 31.4



#41
Benzo(g,h,i)perylene
Concen: 0.04 ng
RT: 26.476 min Scan# 3301
Delta R.T. -0.021 min
Lab File: BN015328.D
Acq: 03 Jul 2021 11:27

Tgt Ion:276 Resp: 11163
Ion Ratio Lower Upper
276 100
277 25.5 19.7 29.5
138 27.3 9.8 14.6#

