

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070221\
 Data File : BN015314.D
 Acq On : 03 Jul 2021 01:57
 Operator : CG/JU
 Sample : M2898-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-10B-062921

Quant Time: Jul 03 03:03:27 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

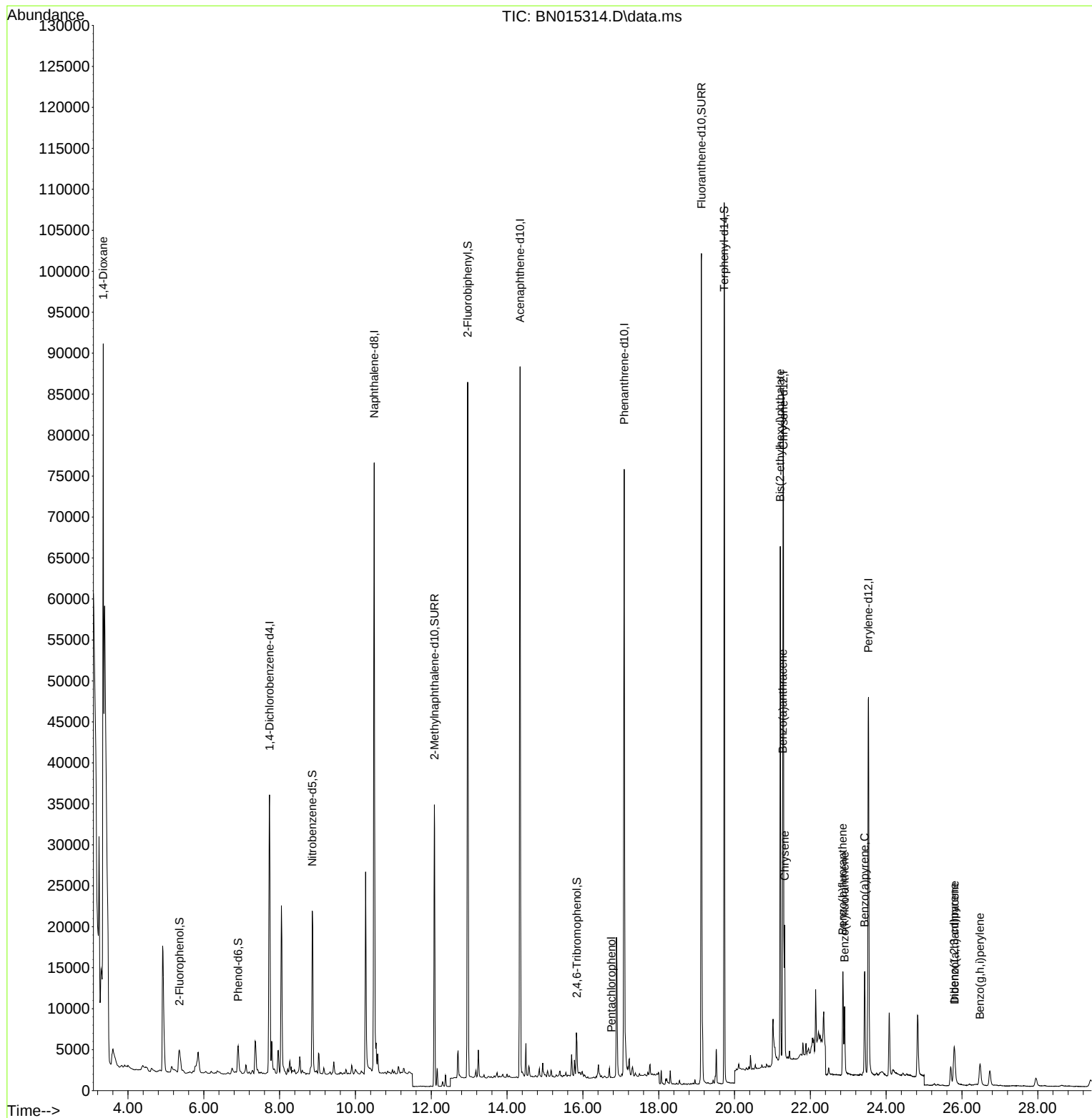
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	21830	0.40	ng	# 0.00
7) Naphthalene-d8	10.495	136	99462	0.40	ng	0.00
13) Acenaphthene-d10	14.345	164	53045	0.40	ng	0.00
19) Phenanthrene-d10	17.090	188	104135	0.40	ng	# 0.00
29) Chrysene-d12	21.291	240	78591	0.40	ng	-0.01
35) Perylene-d12	23.532	264	63059	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.356	112	5384	0.10	ng	0.00
5) Phenol-d6	6.905	99	3933	0.06	ng	0.00
8) Nitrobenzene-d5	8.860	82	17992	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	12.083	152	44581	0.27	ng	0.00
14) 2,4,6-Tribromophenol	15.842	330	4841	0.43	ng	0.00
15) 2-Fluorobiphenyl	12.962	172	70861	0.33	ng	0.00
27) Fluoranthene-d10	19.127	212	117350	0.38	ng	0.00
31) Terphenyl-d14	19.728	244	102835	0.56	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.345	88	52276	5.11	ng	# 61
24) Pentachlorophenol	16.750	266	53	0.25	ng	# 86
32) Benzo(a)anthracene	21.270	228	12959	0.05	ng	98
33) Chrysene	21.323	228	13232	0.05	ng	98
34) Bis(2-ethylhexyl)phtha...	21.206	149	55014	0.70	ng	# 87
36) Indeno(1,2,3-cd)pyrene	25.791	276	6698	0.03	ng	# 87
37) Benzo(b)fluoranthene	22.855	252	11525	0.05	ng	# 53
38) Benzo(k)fluoranthene	22.902	252	10849	0.04	ng	# 85
39) Benzo(a)pyrene	23.433	252	8800	0.04	ng	# 1
40) Dibenzo(a,h)anthracene	25.805	278	5133	0.03	ng	# 79
41) Benzo(g,h,i)perylene	26.476	276	6230	0.03	ng	# 82

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

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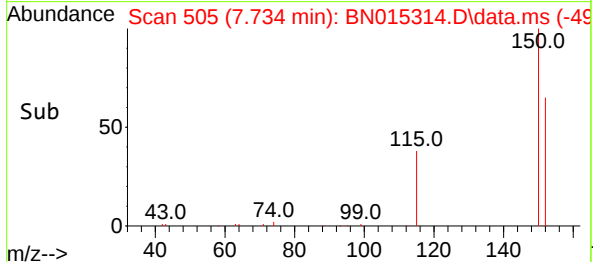
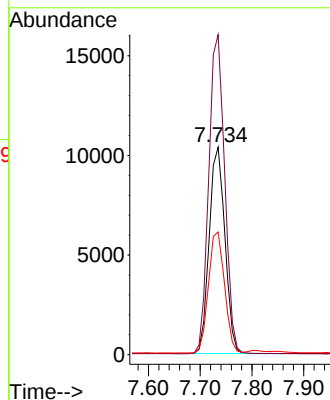
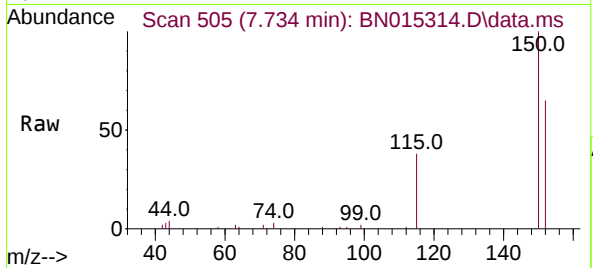




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.734 min Scan# 505
 Delta R.T. 0.002 min
 Lab File: BN015314.D
 Acq: 03 Jul 2021 01:57

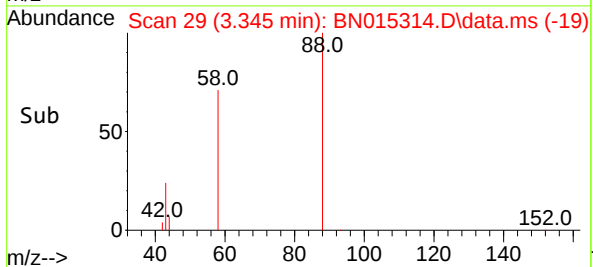
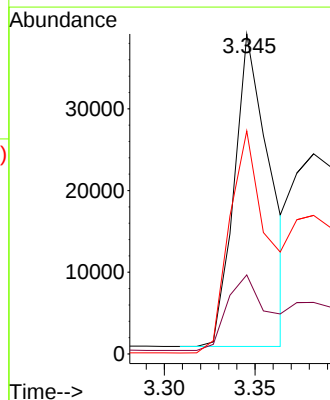
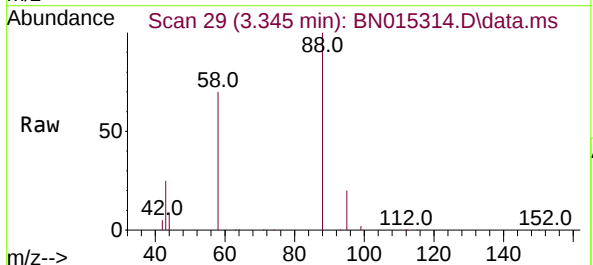
Instrument :
 BNA_N
 ClientSampleId :
 MW-10B-062921

Tgt Ion: 152 Resp: 21830
 Ion Ratio Lower Upper
 152 100
 150 154.3 119.0 178.6
 115 59.1 62.2 93.4#



#2
 1,4-Dioxane
 Concen: 5.11 ng
 RT: 3.345 min Scan# 29
 Delta R.T. -0.006 min
 Lab File: BN015314.D
 Acq: 03 Jul 2021 01:57

Tgt Ion: 88 Resp: 52276
 Ion Ratio Lower Upper
 88 100
 43 27.6 12.9 19.3#
 58 76.7 38.1 57.1#

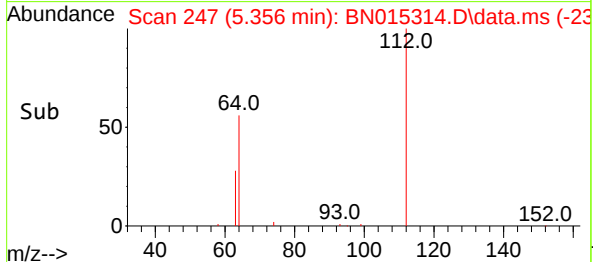
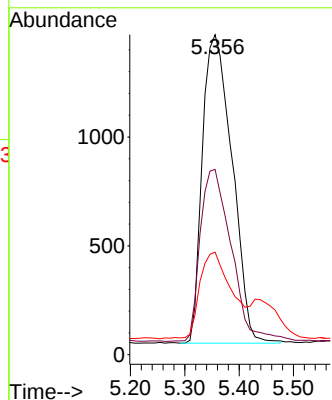
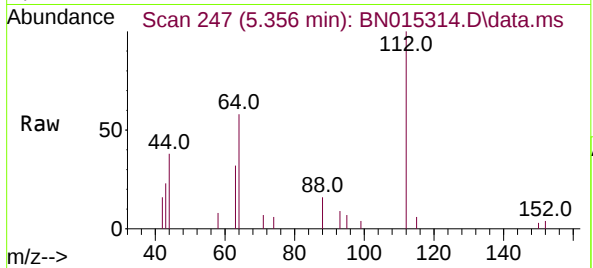




#4
2-Fluorophenol
Concen: 0.10 ng
RT: 5.356 min Scan# 247
Delta R.T. -0.006 min
Lab File: BN015314.D
Acq: 03 Jul 2021 01:57

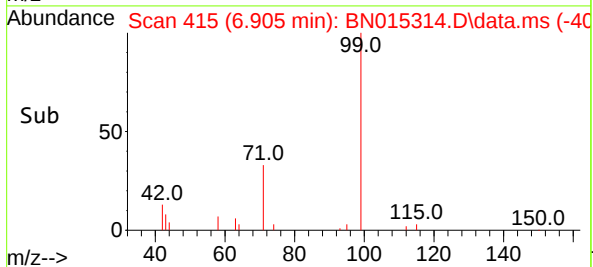
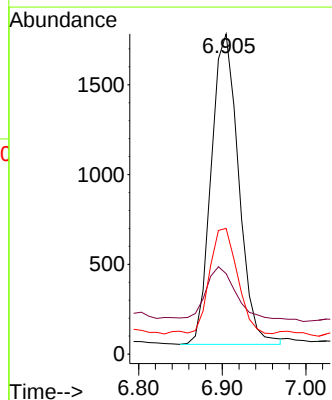
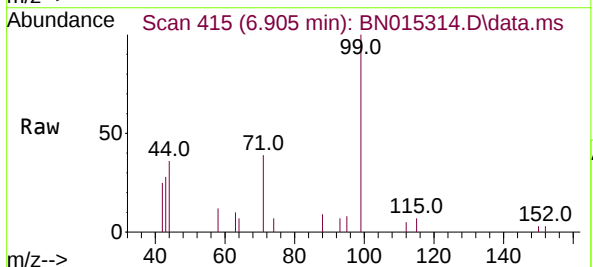
Instrument :
BNA_N
ClientSampleId :
MW-10B-062921

Tgt Ion:112 Resp: 5384
Ion Ratio Lower Upper
112 100
64 57.6 39.0 58.6
63 29.3 20.6 30.8



#5
Phenol-d6
Concen: 0.06 ng
RT: 6.905 min Scan# 415
Delta R.T. 0.003 min
Lab File: BN015314.D
Acq: 03 Jul 2021 01:57

Tgt Ion: 99 Resp: 3933
Ion Ratio Lower Upper
99 100
42 17.2 8.9 13.3#
71 35.0 35.6 53.4#

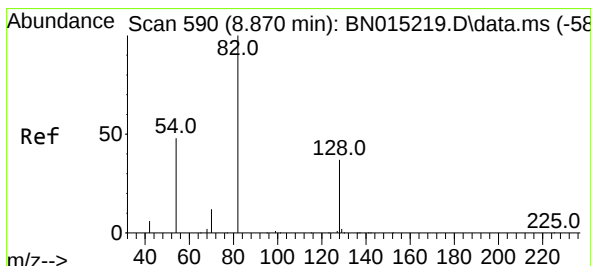
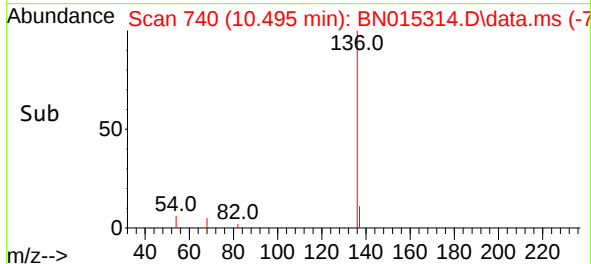
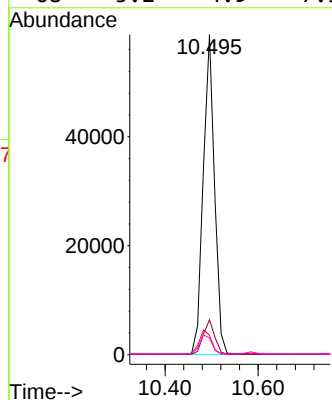
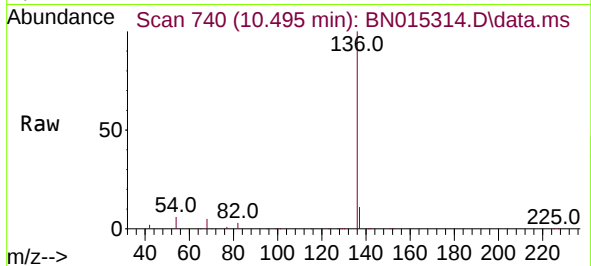




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.495 min Scan# 740
Delta R.T. 0.003 min
Lab File: BN015314.D
Acq: 03 Jul 2021 01:57

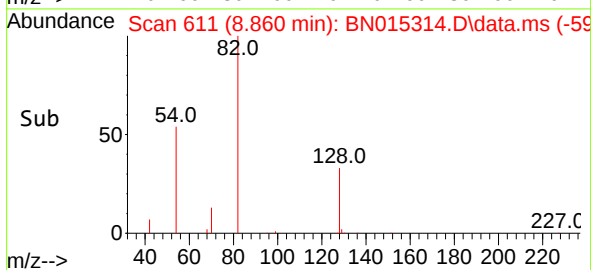
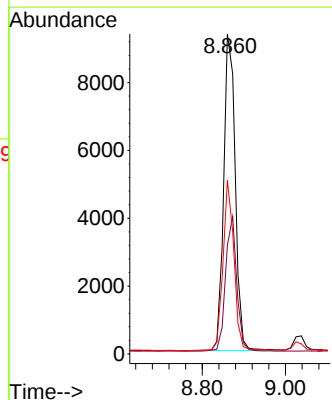
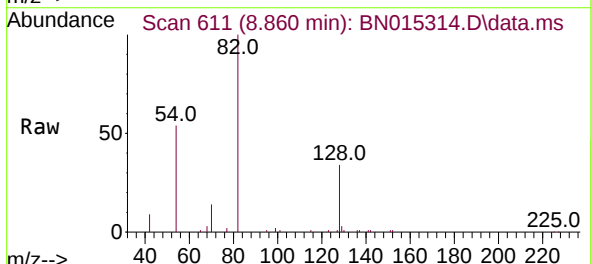
Instrument :
BNA_N
ClientSampleId :
MW-10B-062921

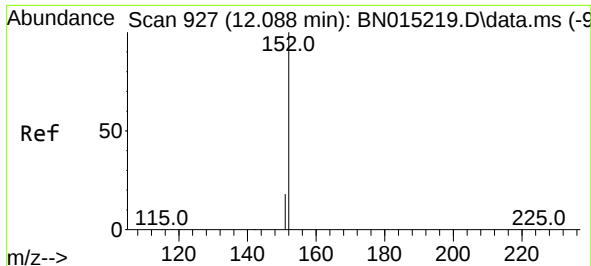
Tgt Ion:136	Resp:	99462
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.8 14.8
54	6.1	5.4 8.2
68	5.2	4.9 7.3



#8
Nitrobenzene-d5
Concen: 0.32 ng
RT: 8.860 min Scan# 611
Delta R.T. -0.010 min
Lab File: BN015314.D
Acq: 03 Jul 2021 01:57

Tgt Ion: 82	Resp:	17992
Ion Ratio	Lower	Upper
82	100	
128	34.0	31.6 47.4
54	54.3	29.0 43.4

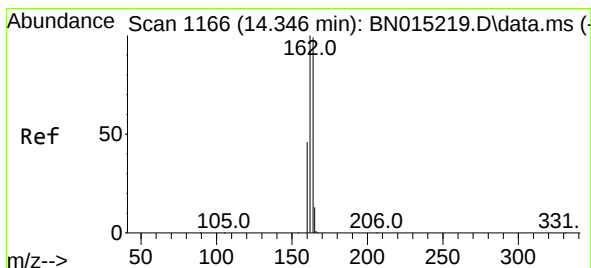
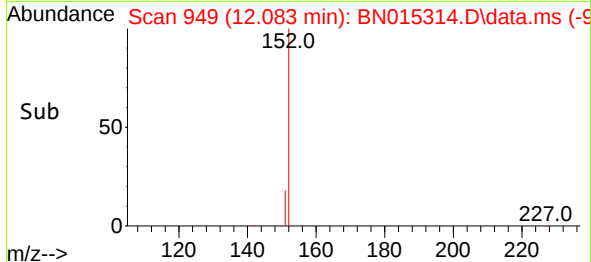
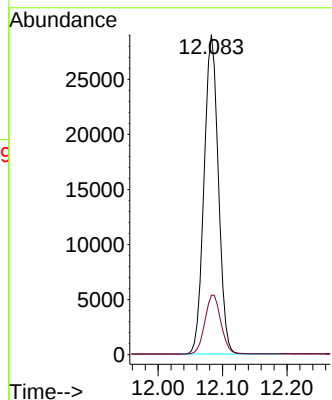
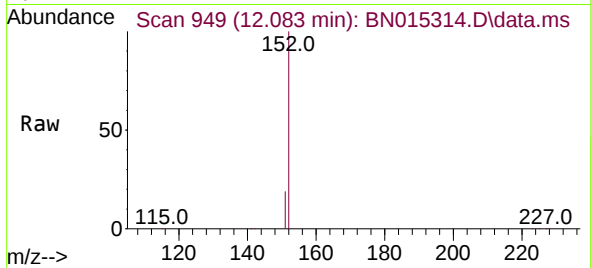




#11
2-Methylnaphthalene-d10
Concen: 0.27 ng
RT: 12.083 min Scan# 949
Delta R.T. -0.005 min
Lab File: BN015314.D
Acq: 03 Jul 2021 01:57

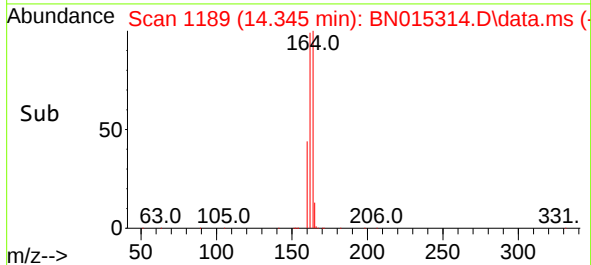
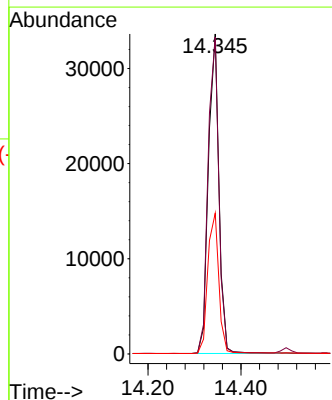
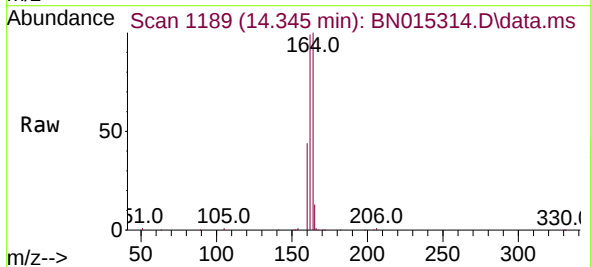
Instrument :
BNA_N
ClientSampleId :
MW-10B-062921

Tgt Ion:152 Resp: 44581
Ion Ratio Lower Upper
152 100
151 20.7 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: BN015314.D
Acq: 03 Jul 2021 01:57

Tgt Ion:164 Resp: 53045
Ion Ratio Lower Upper
164 100
162 99.0 83.8 125.6
160 44.0 37.4 56.0

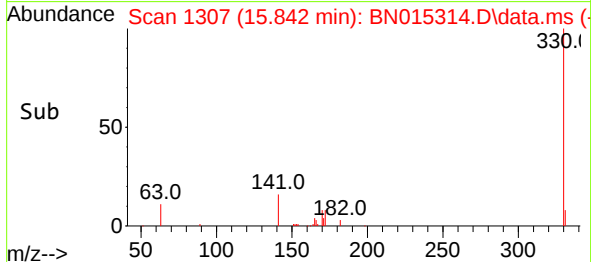
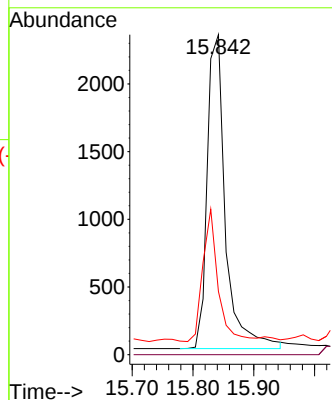
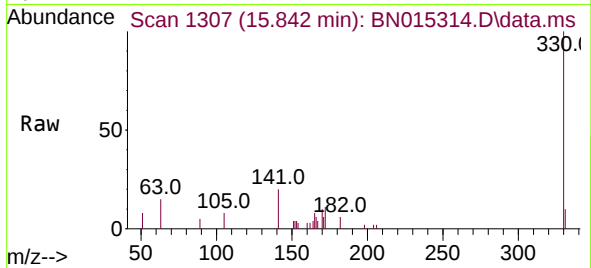




#14
2,4,6-Tribromophenol
Concen: 0.43 ng
RT: 15.842 min Scan# 1307
Delta R.T. -0.001 min
Lab File: BN015314.D
Acq: 03 Jul 2021 01:57

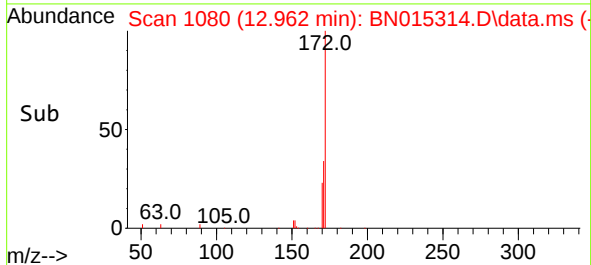
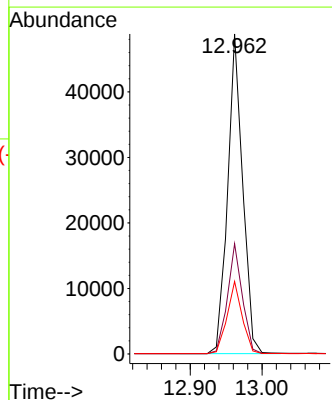
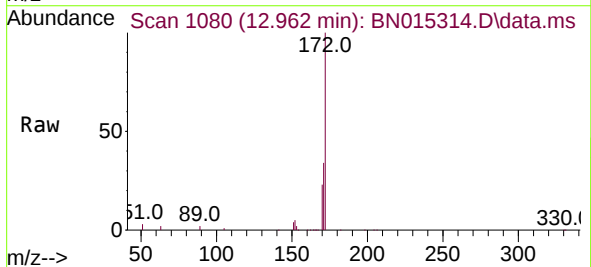
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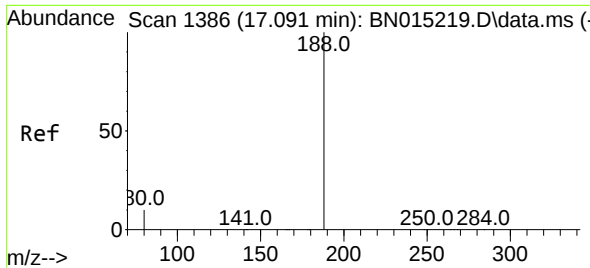
Tgt Ion:330 Resp: 4841
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 35.5 22.4 33.6#



#15
2-Fluorobiphenyl
Concen: 0.33 ng
RT: 12.962 min Scan# 1080
Delta R.T. -0.001 min
Lab File: BN015314.D
Acq: 03 Jul 2021 01:57

Tgt Ion:172 Resp: 70861
Ion Ratio Lower Upper
172 100
171 34.4 30.6 45.8
170 22.6 20.2 30.4

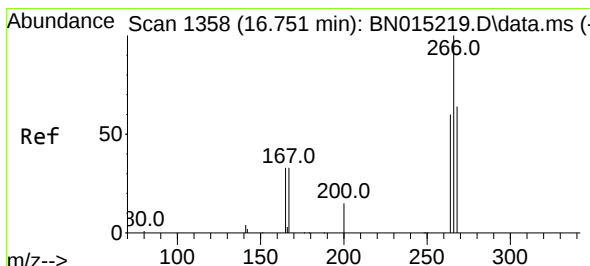
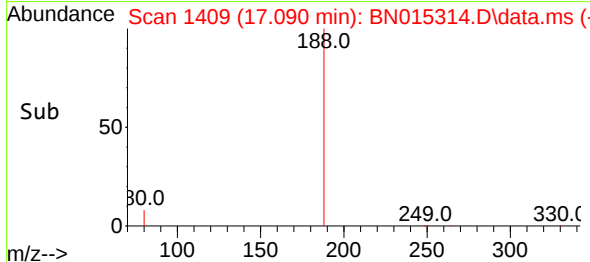
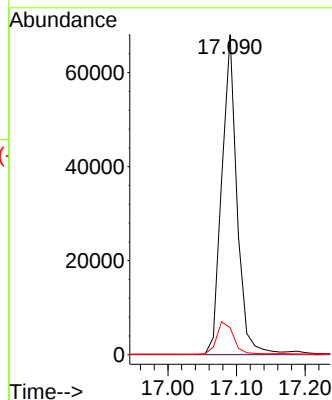
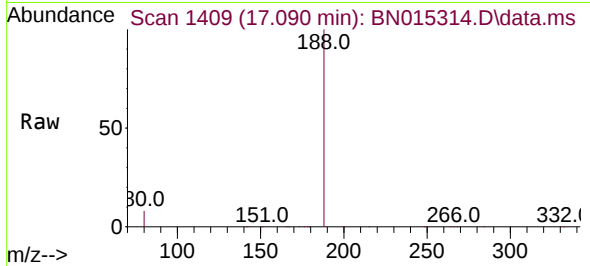




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.090 min Scan# 1409
Delta R.T. -0.001 min
Lab File: BN015314.D
Acq: 03 Jul 2021 01:57

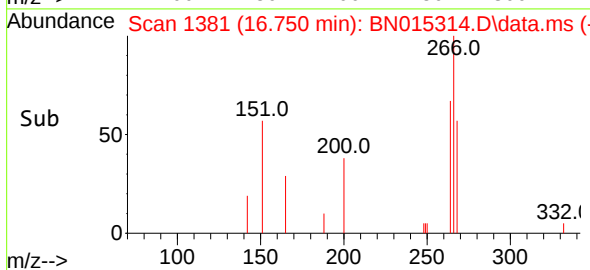
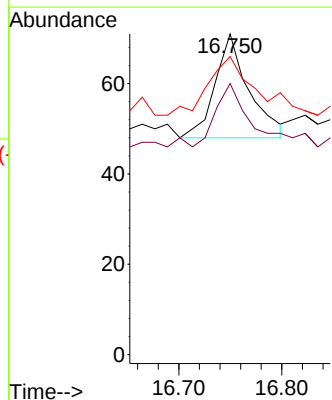
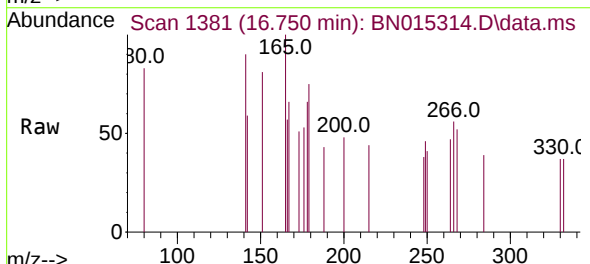
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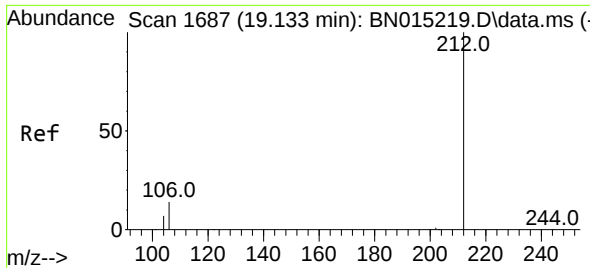
Tgt Ion:188 Resp: 104135
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.4 9.0 13.4#



#24
Pentachlorophenol
Concen: 0.25 ng
RT: 16.750 min Scan# 1381
Delta R.T. -0.001 min
Lab File: BN015314.D
Acq: 03 Jul 2021 01:57

Tgt Ion:266 Resp: 53
Ion Ratio Lower Upper
266 100
264 69.8 51.0 76.4
268 79.2 50.6 76.0#

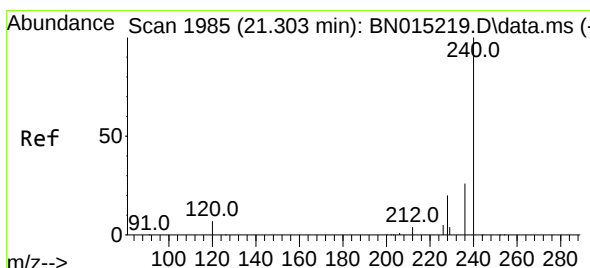
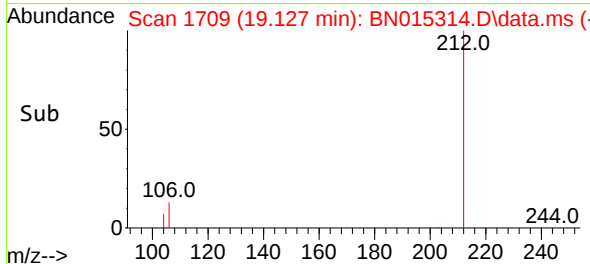
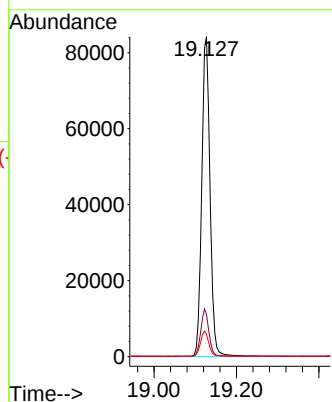
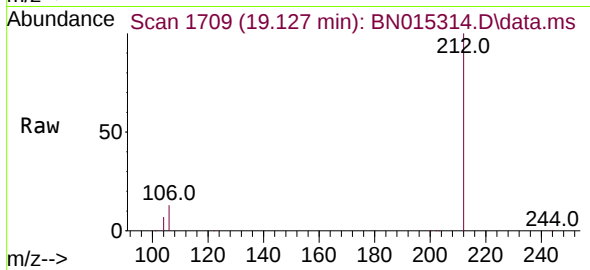




#27
Fluoranthene-d10
Concen: 0.38 ng
RT: 19.127 min Scan# 1709
Delta R.T. -0.006 min
Lab File: BN015314.D
Acq: 03 Jul 2021 01:57

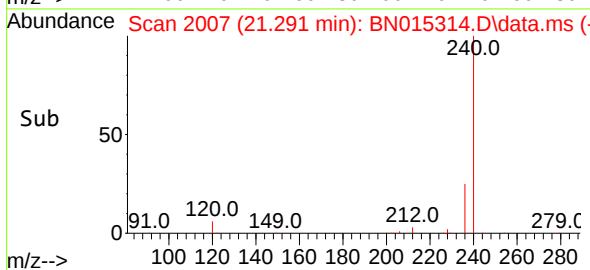
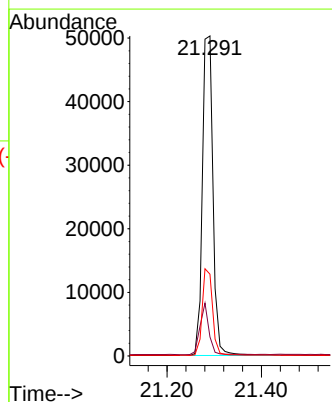
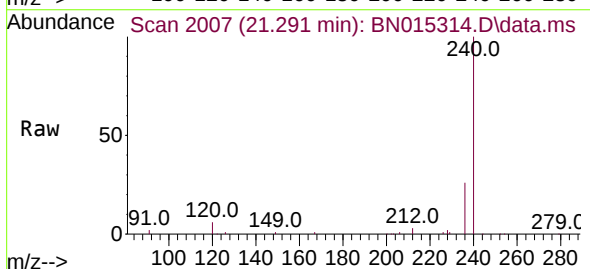
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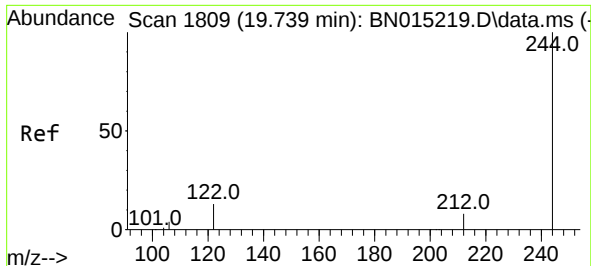
Tgt Ion:212 Resp: 117350
Ion Ratio Lower Upper
212 100
106 14.4 7.0 10.6#
104 7.9 4.1 6.1#



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.291 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BN015314.D
Acq: 03 Jul 2021 01:57

Tgt Ion:240 Resp: 78591
Ion Ratio Lower Upper
240 100
120 6.0 4.2 6.4
236 25.5 21.4 32.2

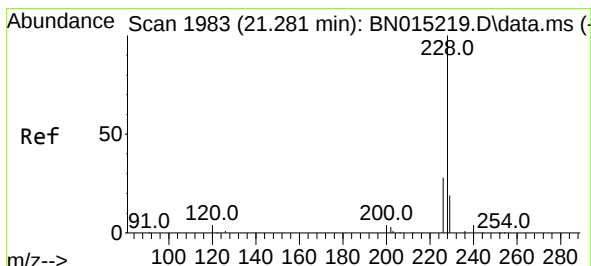
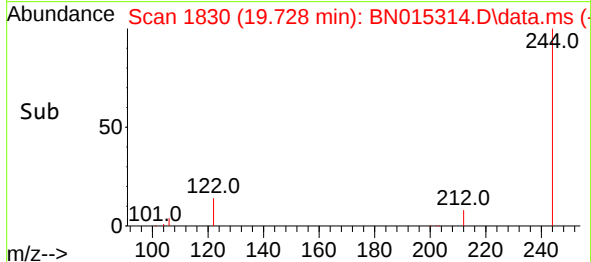
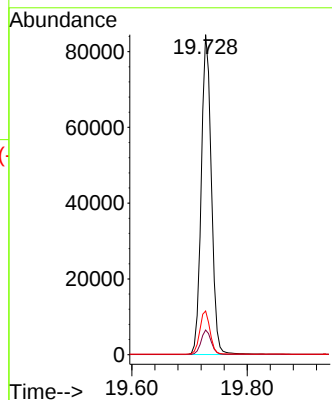
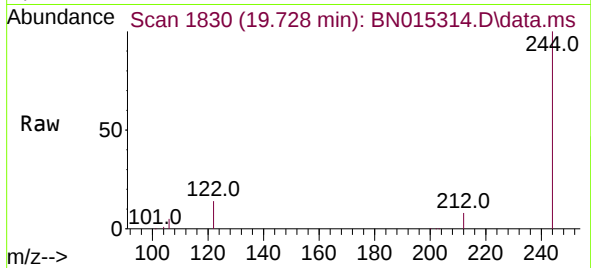




#31
Terphenyl-d14
Concen: 0.56 ng
RT: 19.728 min Scan# 1830
Delta R.T. -0.011 min
Lab File: BN015314.D
Acq: 03 Jul 2021 01:57

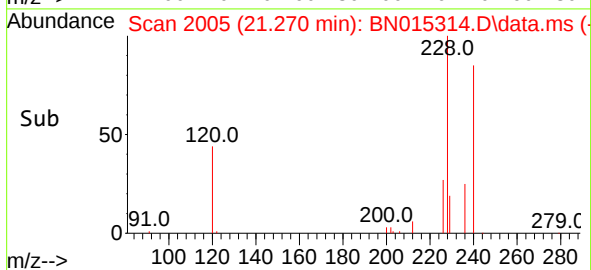
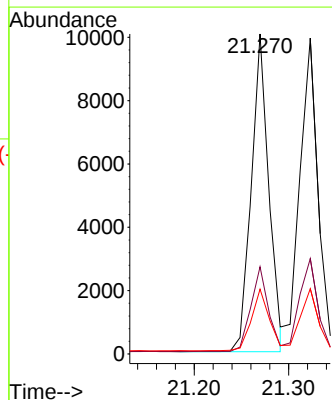
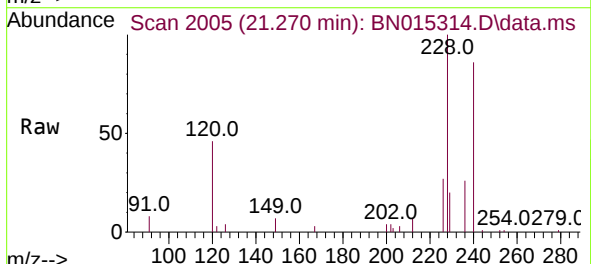
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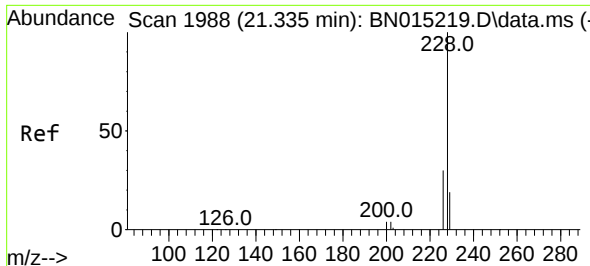
Tgt Ion:244 Resp: 102835
Ion Ratio Lower Upper
244 100
212 7.7 6.3 9.5
122 13.7 6.2 9.2#



#32
Benzo(a)anthracene
Concen: 0.05 ng
RT: 21.270 min Scan# 2005
Delta R.T. -0.011 min
Lab File: BN015314.D
Acq: 03 Jul 2021 01:57

Tgt Ion:228 Resp: 12959
Ion Ratio Lower Upper
228 100
226 27.3 23.0 34.6
229 20.3 15.7 23.5

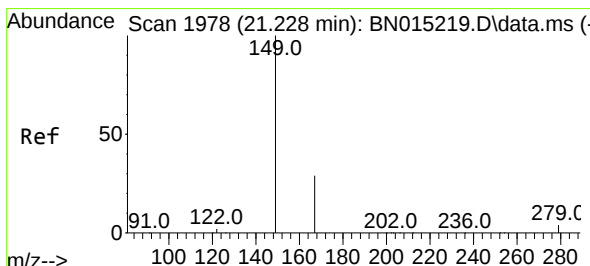
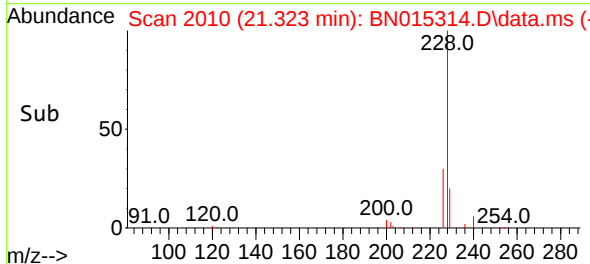
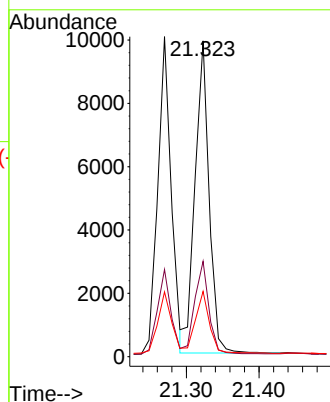
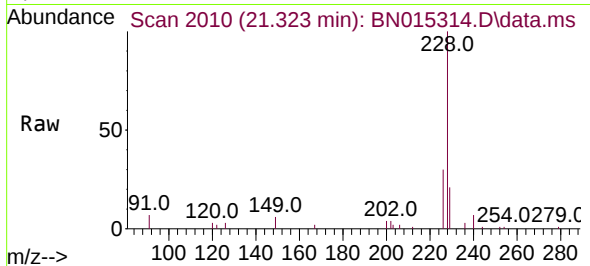




#33
Chrysene
Concen: 0.05 ng
RT: 21.323 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BN015314.D
Acq: 03 Jul 2021 01:57

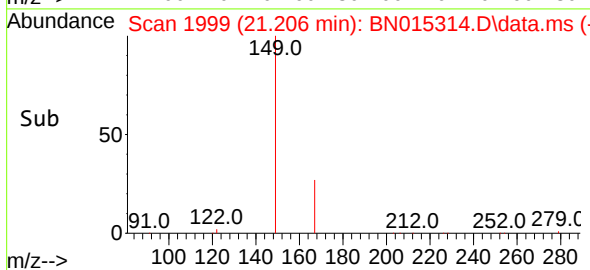
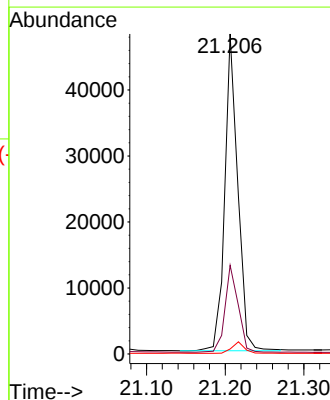
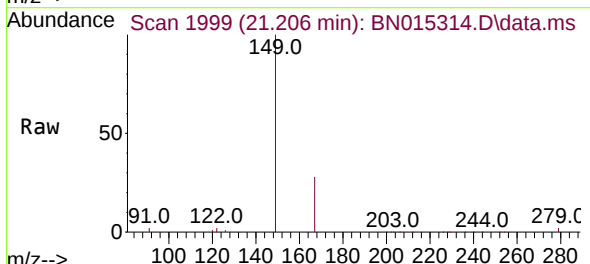
Instrument :
BNA_N
ClientSampleId :
MW-10B-062921

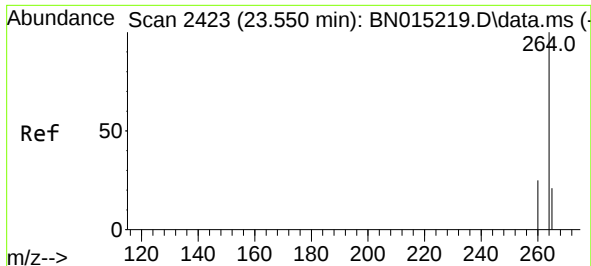
Tgt Ion:	228	Resp:	13232
Ion Ratio	Lower	Upper	
228	100		
226	30.2	25.0	37.6
229	20.7	15.9	23.9



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.70 ng
RT: 21.206 min Scan# 1999
Delta R.T. -0.022 min
Lab File: BN015314.D
Acq: 03 Jul 2021 01:57

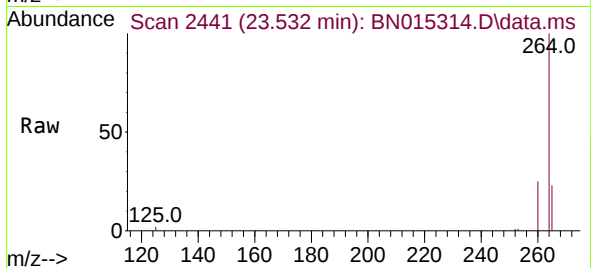
Tgt Ion:	149	Resp:	55014
Ion Ratio	Lower	Upper	
149	100		
167	27.7	28.9	43.3#
279	3.6	4.9	7.3#



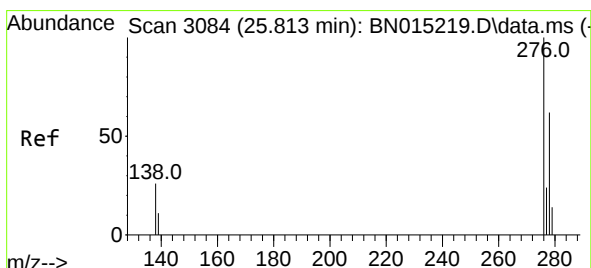
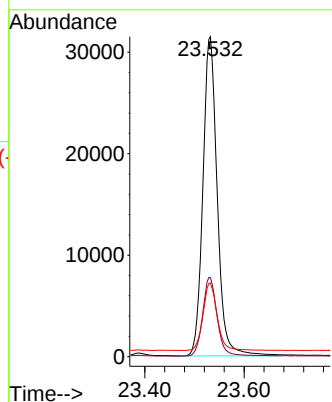
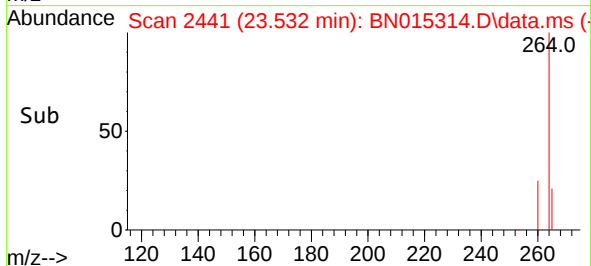


#35
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.532 min Scan# 2441
 Delta R.T. -0.018 min
 Lab File: BN015314.D
 Acq: 03 Jul 2021 01:57

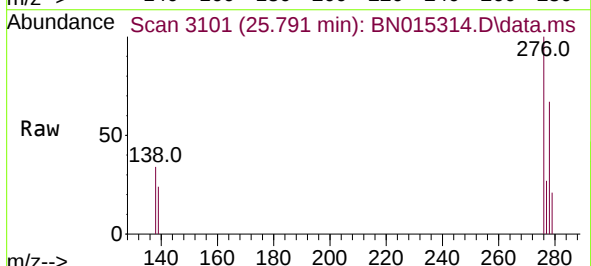
Instrument :
 BNA_N
 ClientSampleId :
 MW-10B-062921



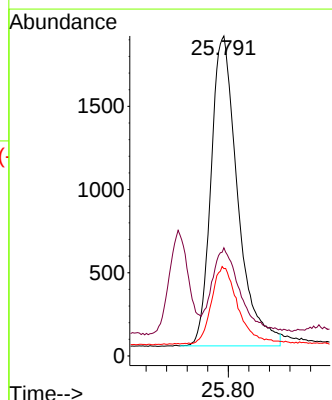
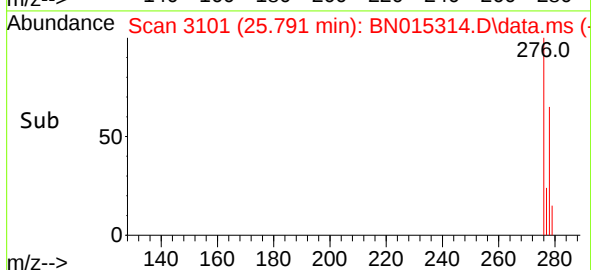
Tgt Ion:264 Resp: 63059
 Ion Ratio Lower Upper
 264 100
 260 24.7 20.6 31.0
 265 23.1 21.4 32.2

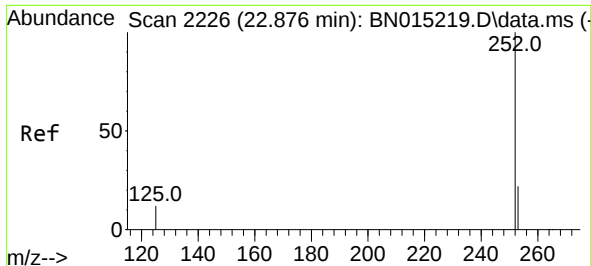


#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.03 ng
 RT: 25.791 min Scan# 3101
 Delta R.T. -0.022 min
 Lab File: BN015314.D
 Acq: 03 Jul 2021 01:57



Tgt Ion:276 Resp: 6698
 Ion Ratio Lower Upper
 276 100
 138 26.5 10.0 15.0#
 277 24.3 20.4 30.6

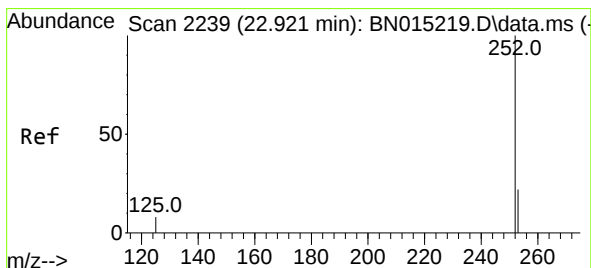
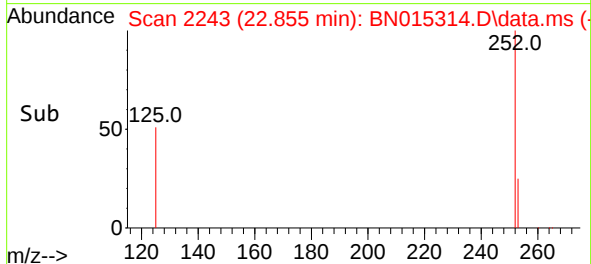
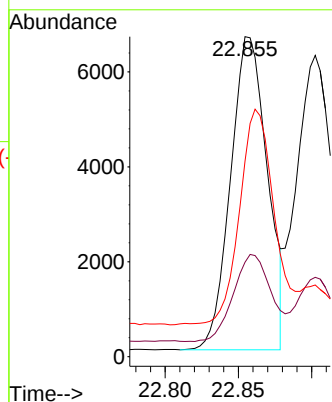
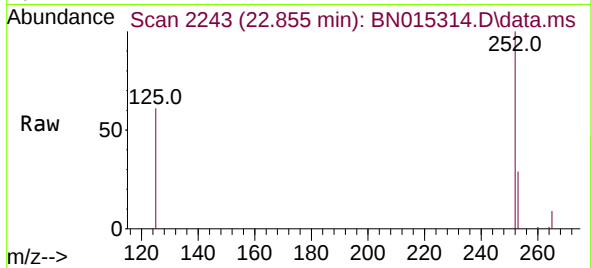




#37
Benzo(b)fluoranthene
Concen: 0.05 ng
RT: 22.855 min Scan# 2243
Delta R.T. -0.022 min
Lab File: BN015314.D
Acq: 03 Jul 2021 01:57

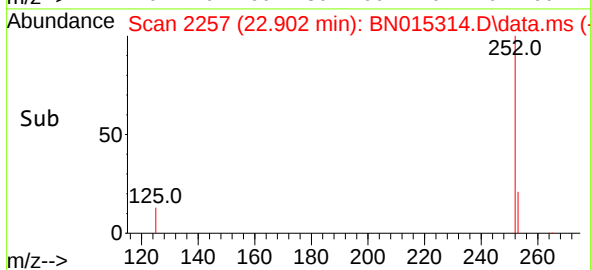
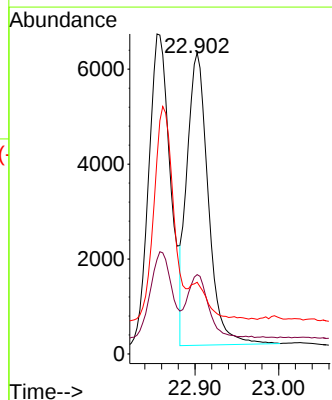
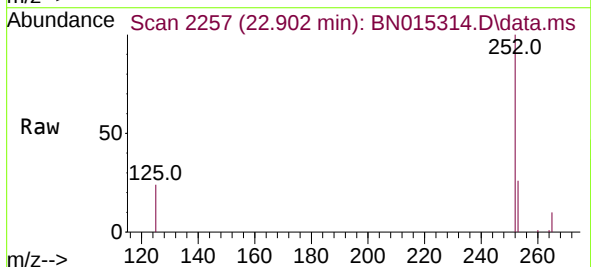
Instrument :
BNA_N
ClientSampleId :
MW-10B-062921

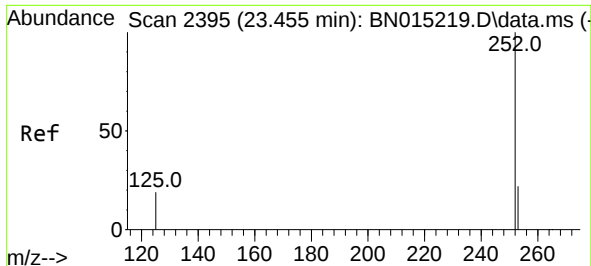
Tgt Ion:252 Resp: 11525
Ion Ratio Lower Upper
252 100
253 29.5 18.5 27.7#
125 61.1 5.8 8.6#



#38
Benzo(k)fluoranthene
Concen: 0.04 ng
RT: 22.902 min Scan# 2257
Delta R.T. -0.018 min
Lab File: BN015314.D
Acq: 03 Jul 2021 01:57

Tgt Ion:252 Resp: 10849
Ion Ratio Lower Upper
252 100
253 26.3 19.1 28.7
125 23.8 5.4 8.0#

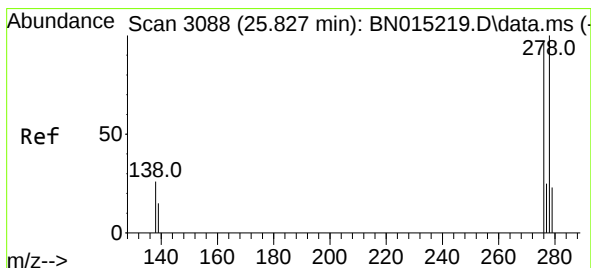
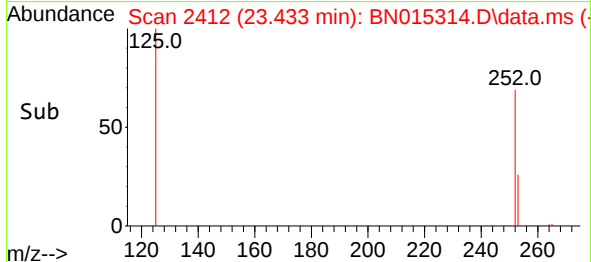
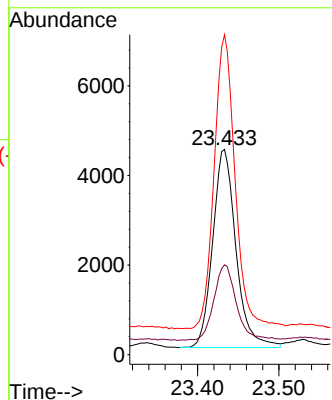
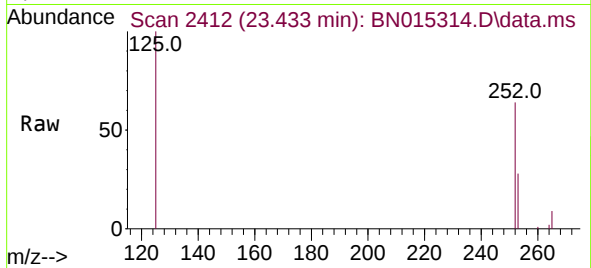




#39
Benzo(a)pyrene
Concen: 0.04 ng
RT: 23.433 min Scan# 2412
Delta R.T. -0.022 min
Lab File: BN015314.D
Acq: 03 Jul 2021 01:57

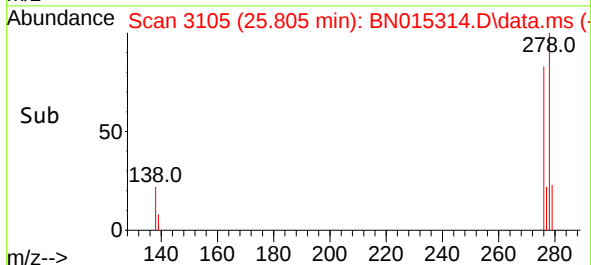
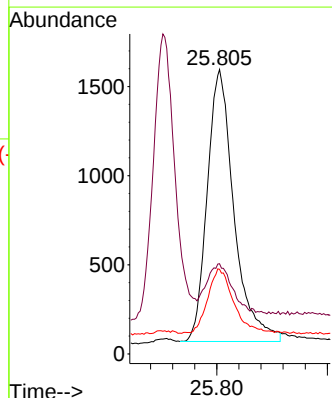
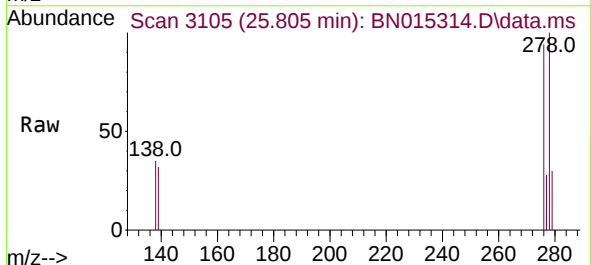
Instrument :
BNA_N
ClientSampleId :
MW-10B-062921

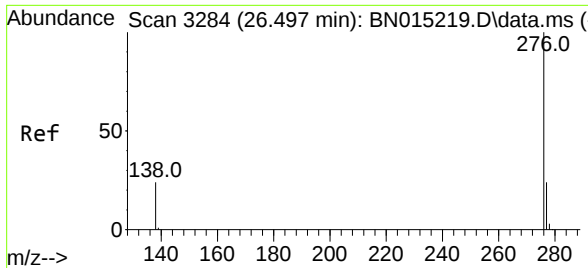
Tgt Ion:252 Resp: 8800
Ion Ratio Lower Upper
252 100
253 43.8 19.4 29.2#
125 155.9 7.4 11.2#



#40
Dibenzo(a,h)anthracene
Concen: 0.03 ng
RT: 25.805 min Scan# 3105
Delta R.T. -0.022 min
Lab File: BN015314.D
Acq: 03 Jul 2021 01:57

Tgt Ion:278 Resp: 5133
Ion Ratio Lower Upper
278 100
139 31.7 9.0 13.4#
279 29.8 21.0 31.4





#41
Benzo(g,h,i)perylene
Concen: 0.03 ng
RT: 26.476 min Scan# 3301
Delta R.T. -0.022 min
Lab File: BN015314.D
Acq: 03 Jul 2021 01:57

Instrument :
BNA_N
ClientSampleId :
MW-10B-062921

Tgt Ion:276 Resp: 6230
Ion Ratio Lower Upper
276 100
277 26.3 19.7 29.5
138 31.2 9.8 14.6#

