

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070621\
 Data File : BN015345.D
 Acq On : 06 Jul 2021 19:13
 Operator : CG/JU
 Sample : M2898-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-07-1.5-6.5-062921

Quant Time: Jul 07 07:44:17 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

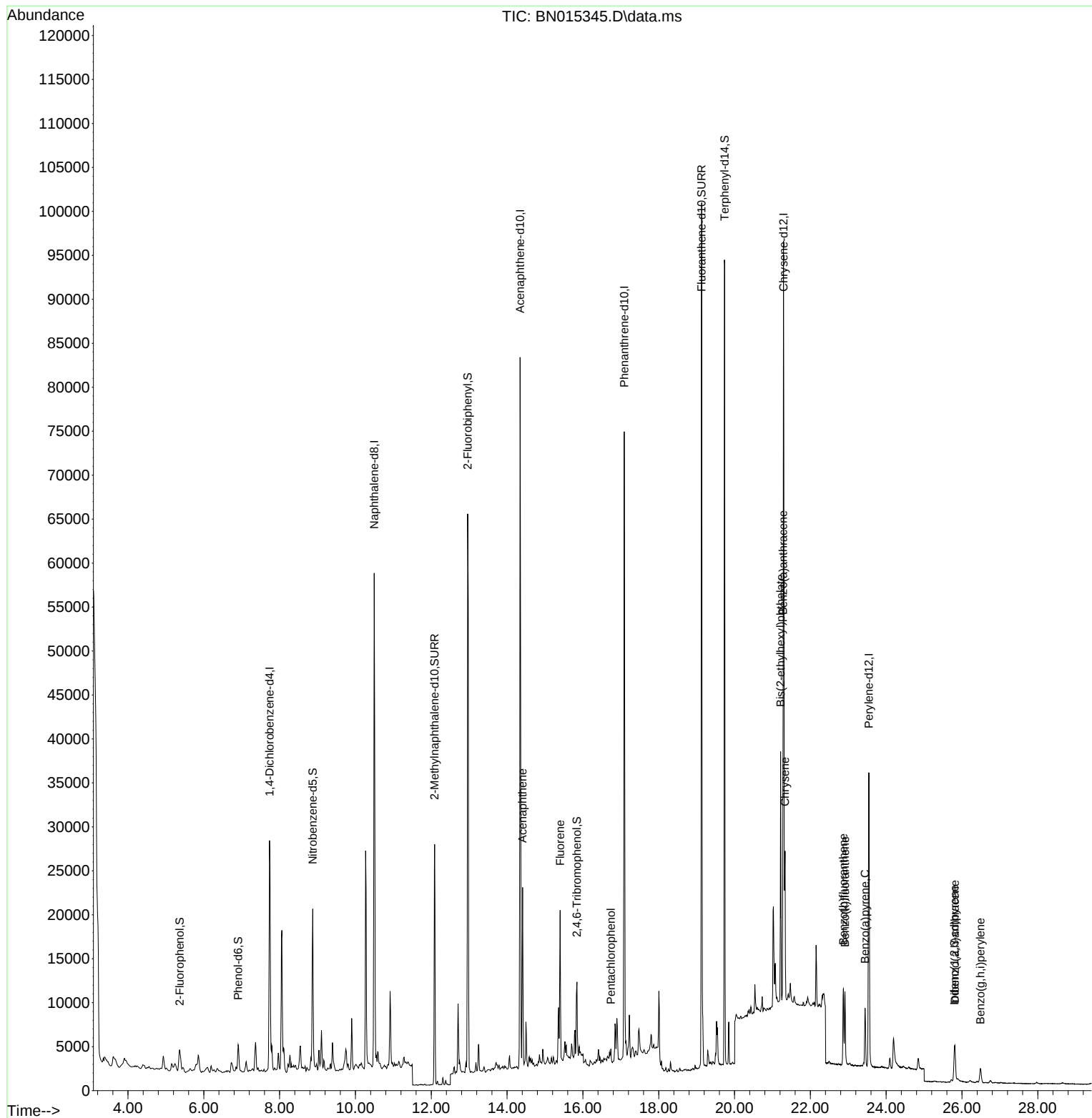
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.735	152	15774	0.400	ng	# 0.00
7) Naphthalene-d8	10.495	136	75119	0.400	ng	0.00
13) Acenaphthene-d10	14.345	164	45150	0.400	ng	0.00
19) Phenanthrene-d10	17.090	188	90802	0.400	ng	0.00
29) Chrysene-d12	21.291	240	78659	0.400	ng	#-0.01
35) Perylene-d12	23.543	264	44645	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.365	112	4476	0.111	ng	0.00
5) Phenol-d6	6.905	99	3357	0.066	ng	0.00
8) Nitrobenzene-d5	8.873	82	15779	0.375	ng	0.00
11) 2-Methylnaphthalene-d10	12.087	152	36406	0.293	ng	0.00
14) 2,4,6-Tribromophenol	15.842	330	7000	0.579	ng	0.00
15) 2-Fluorobiphenyl	12.962	172	59972	0.327	ng	0.00
27) Fluoranthene-d10	19.132	212	104767	0.391	ng	0.00
31) Terphenyl-d14	19.738	244	92367	0.502	ng	0.00
Target Compounds						
17) Acenaphthene	14.408	154	9842	0.070	ng	Qvalue 97
18) Fluorene	15.398	166	10255	0.060	ng	98
24) Pentachlorophenol	16.738	266	949	0.330	ng	# 38
32) Benzo(a)anthracene	21.280	228	14383	0.053	ng	97
33) Chrysene	21.334	228	13611	0.046	ng	96
34) Bis(2-ethylhexyl)phtha...	21.217	149	23276	0.391	ng	# 88
36) Indeno(1,2,3-cd)pyrene	25.798	276	4588	0.029	ng	# 89
37) Benzo(b)fluoranthene	22.868	252	10321	0.059	ng	# 70
38) Benzo(k)fluoranthene	22.913	252	9732	0.052	ng	# 81
39) Benzo(a)pyrene	23.443	252	7800	0.049	ng	# 57
40) Dibenzo(a,h)anthracene	25.815	278	4127	0.033	ng	# 75
41) Benzo(g,h,i)perylene	26.486	276	3265	0.024	ng	# 69

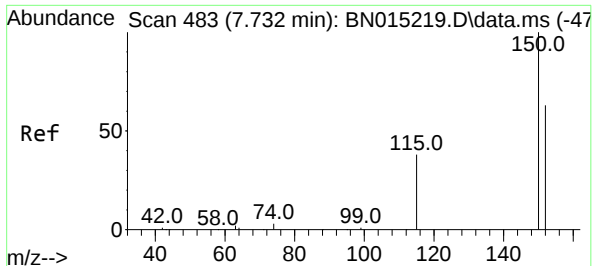
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070621\
Data File : BN015345.D
Acq On : 06 Jul 2021 19:13
Operator : CG/JU
Sample : M2898-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-07-1.5-6.5-062921

Quant Time: Jul 07 07:44:17 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

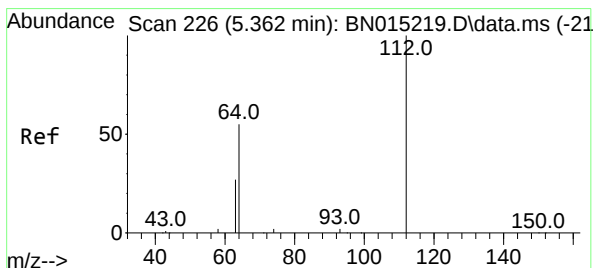
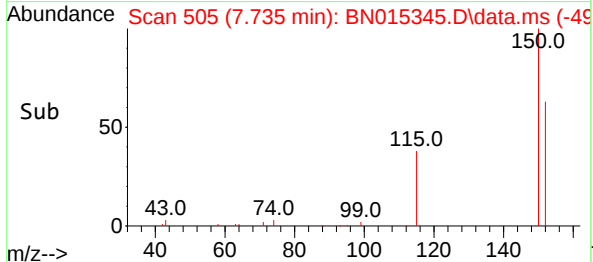
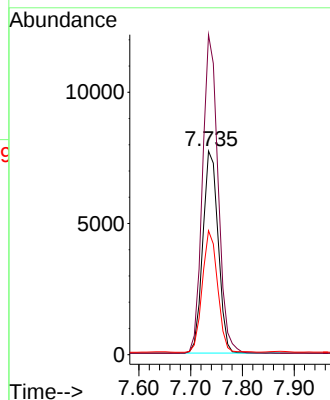
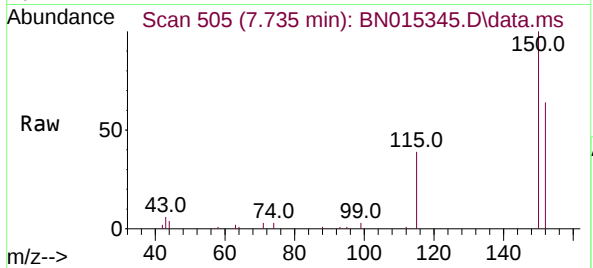




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.735 min Scan# 505
 Delta R.T. 0.003 min
 Lab File: BN015345.D
 Acq: 06 Jul 2021 19:13

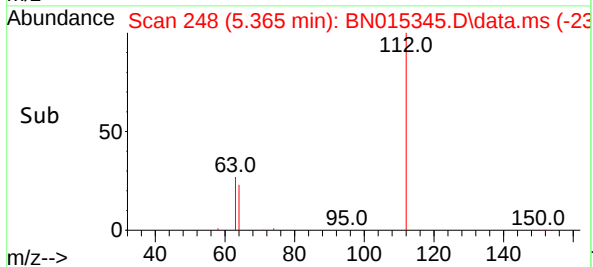
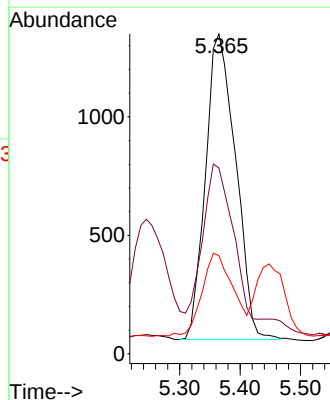
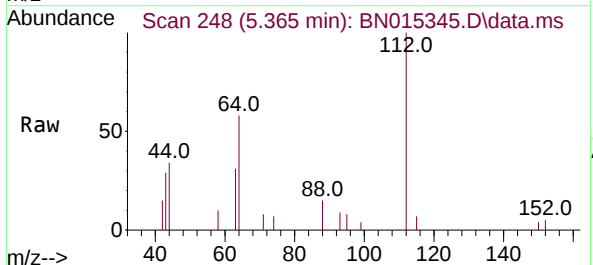
Instrument :
 BNA_N
 ClientSampleId :
 MW-07-1.5-6.5-062921

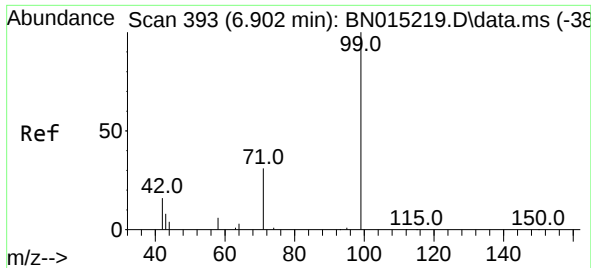
Tgt Ion:152 Resp: 15774
 Ion Ratio Lower Upper
 152 100
 150 157.1 119.0 178.6
 115 60.9 62.2 93.4#



#4
 2-Fluorophenol
 Concen: 0.111 ng
 RT: 5.365 min Scan# 248
 Delta R.T. 0.003 min
 Lab File: BN015345.D
 Acq: 06 Jul 2021 19:13

Tgt Ion:112 Resp: 4476
 Ion Ratio Lower Upper
 112 100
 64 54.2 39.0 58.6
 63 27.7 20.6 30.8

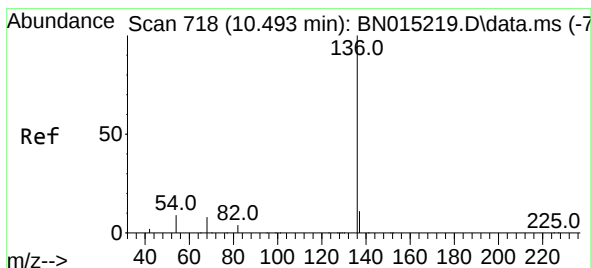
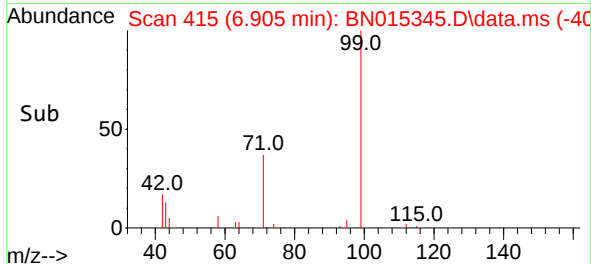
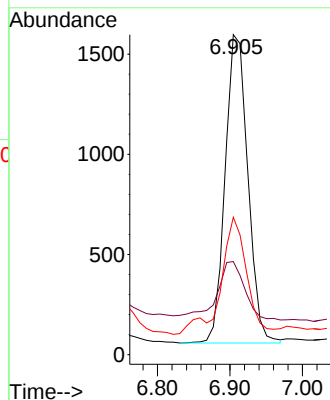
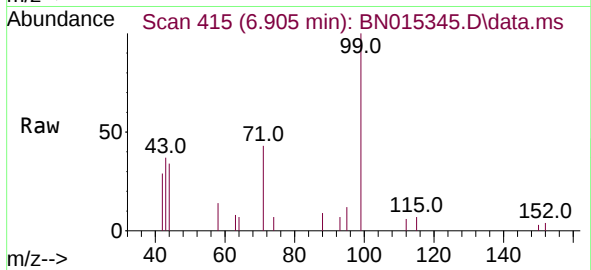




#5
Phenol-d6
Concen: 0.066 ng
RT: 6.905 min Scan# 415
Delta R.T. 0.003 min
Lab File: BN015345.D
Acq: 06 Jul 2021 19:13

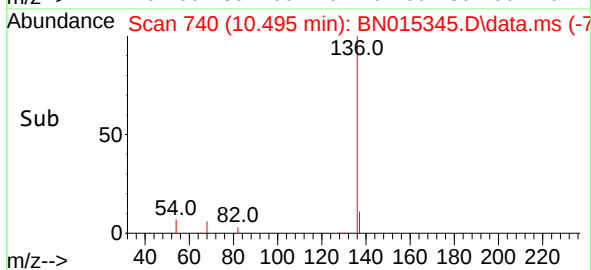
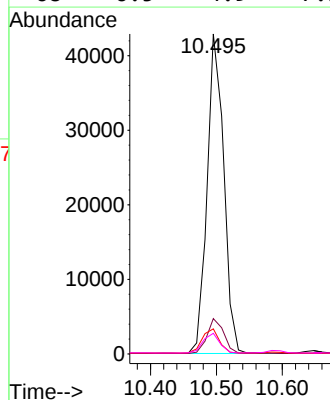
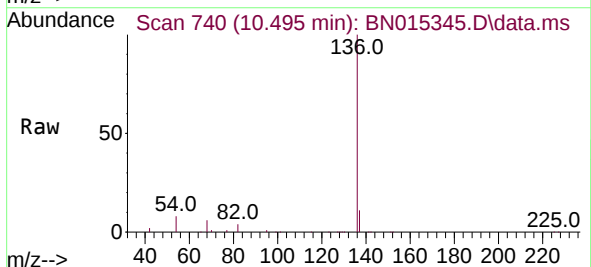
Instrument :
BNA_N
ClientSampleId :
MW-07-1.5-6.5-062921

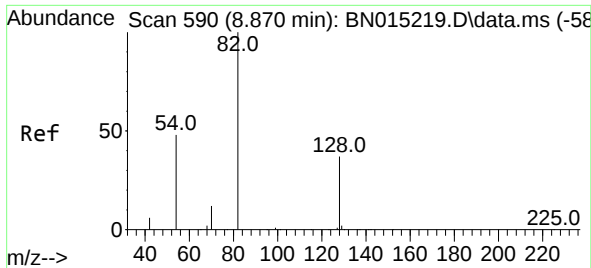
Tgt Ion: 99 Resp: 3357
Ion Ratio Lower Upper
99 100
42 23.8 8.9 13.3#
71 43.2 35.6 53.4



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.495 min Scan# 740
Delta R.T. 0.003 min
Lab File: BN015345.D
Acq: 06 Jul 2021 19:13

Tgt Ion: 136 Resp: 75119
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.8
54 7.9 5.4 8.2
68 6.5 4.9 7.3

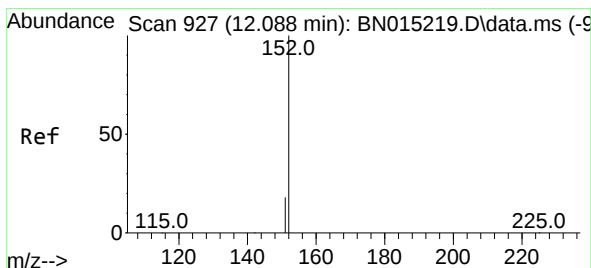
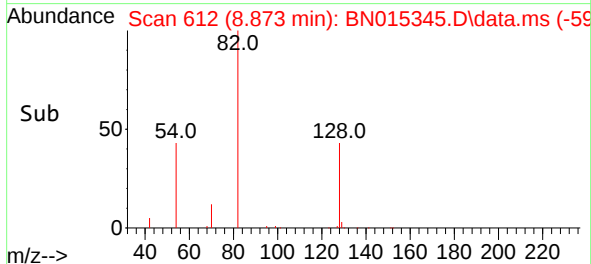
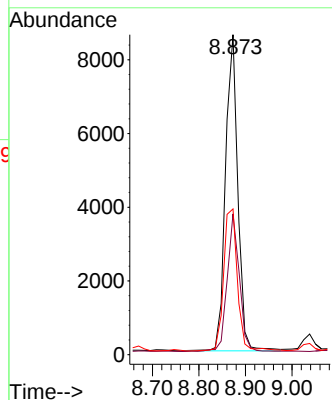
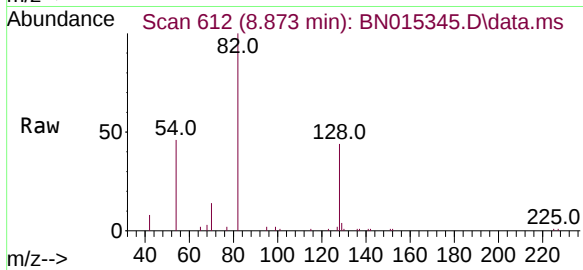




#8
Nitrobenzene-d5
Concen: 0.375 ng
RT: 8.873 min Scan# 612
Delta R.T. 0.003 min
Lab File: BN015345.D
Acq: 06 Jul 2021 19:13

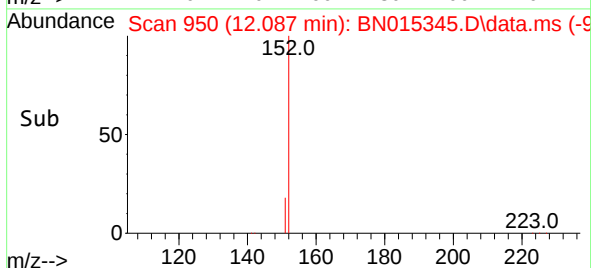
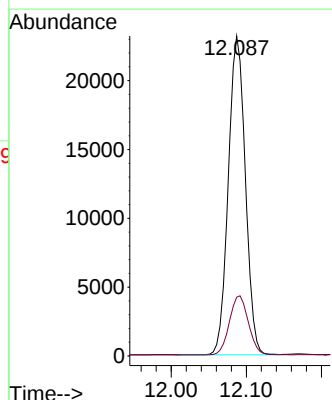
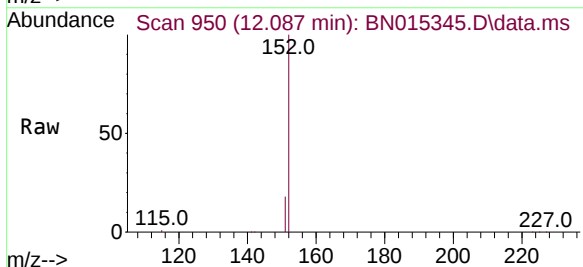
Instrument :
BNA_N
ClientSampleId :
MW-07-1.5-6.5-062921

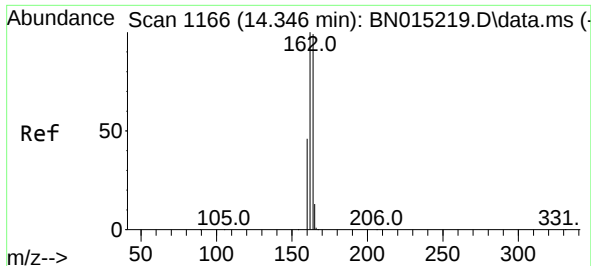
Tgt Ion: 82 Resp: 15779
Ion Ratio Lower Upper
82 100
128 44.0 31.6 47.4
54 45.5 29.0 43.4#



#11
2-Methylnaphthalene-d10
Concen: 0.293 ng
RT: 12.087 min Scan# 950
Delta R.T. -0.001 min
Lab File: BN015345.D
Acq: 06 Jul 2021 19:13

Tgt Ion: 152 Resp: 36406
Ion Ratio Lower Upper
152 100
151 20.5 16.7 25.1

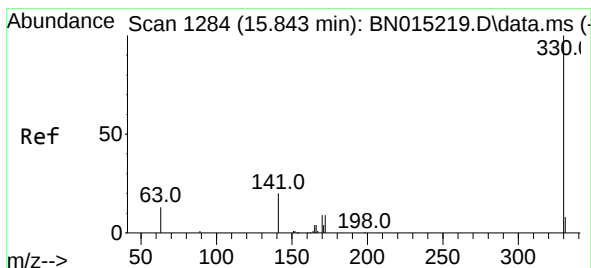
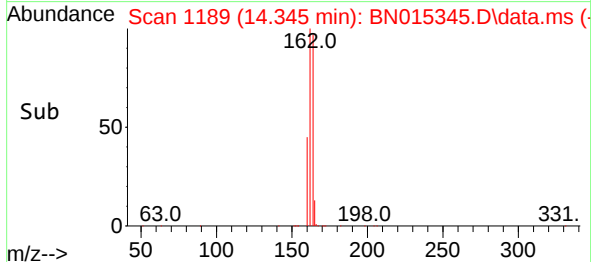
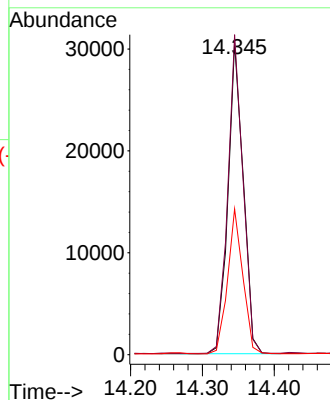
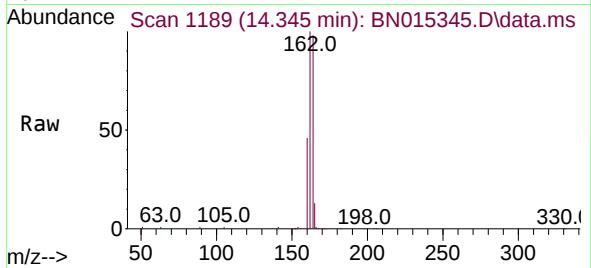




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 1189
Delta R.T. -0.001 min
Lab File: BN015345.D
Acq: 06 Jul 2021 19:13

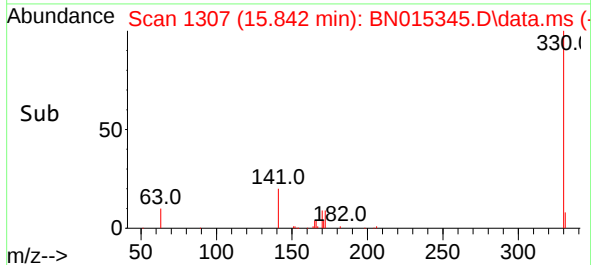
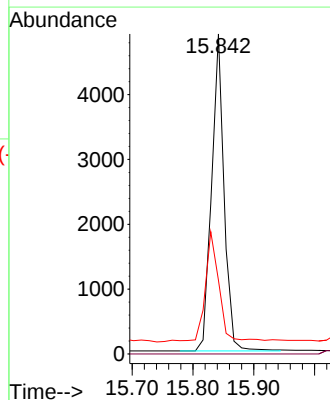
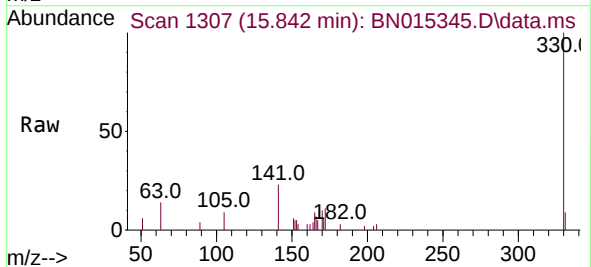
Instrument :
BNA_N
ClientSampleId :
MW-07-1.5-6.5-062921

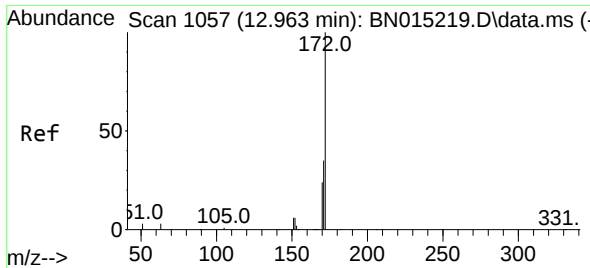
Tgt Ion:164 Resp: 45150
Ion Ratio Lower Upper
164 100
162 102.6 83.8 125.6
160 46.7 37.4 56.0



#14
2,4,6-Tribromophenol
Concen: 0.579 ng
RT: 15.842 min Scan# 1307
Delta R.T. -0.001 min
Lab File: BN015345.D
Acq: 06 Jul 2021 19:13

Tgt Ion:330 Resp: 7000
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 36.2 22.4 33.6#

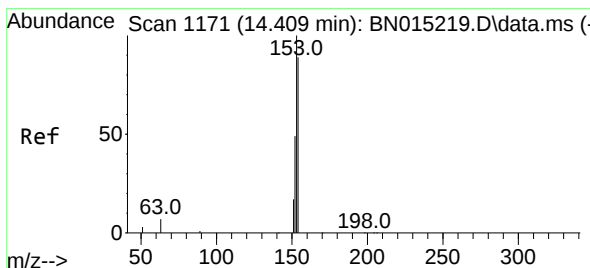
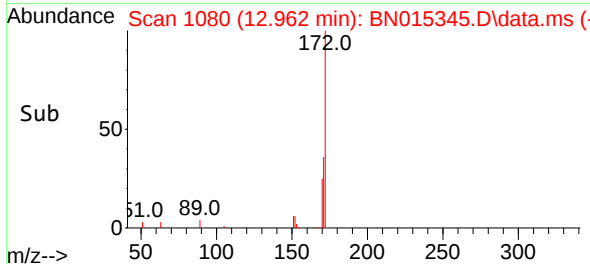
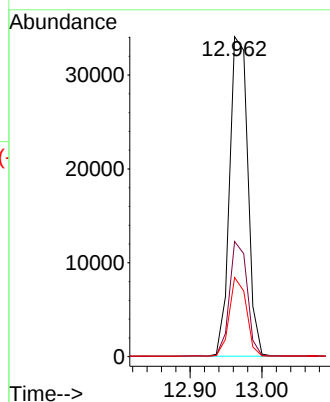
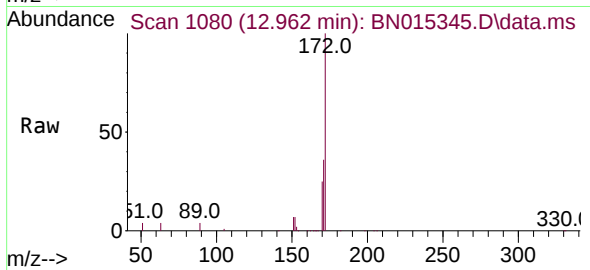




#15
2-Fluorobiphenyl
Concen: 0.327 ng
RT: 12.962 min Scan# 1080
Delta R.T. -0.001 min
Lab File: BN015345.D
Acq: 06 Jul 2021 19:13

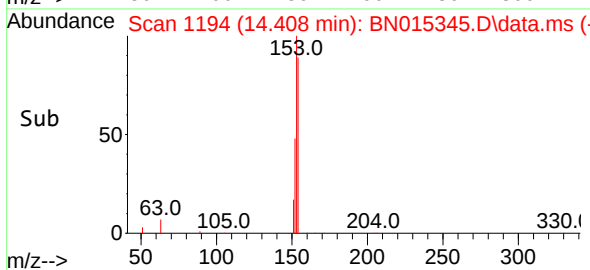
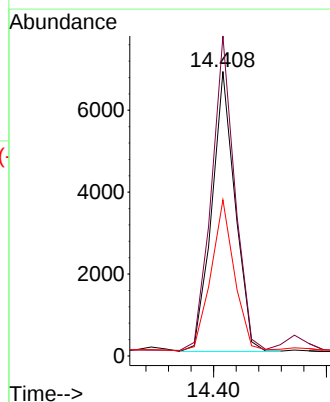
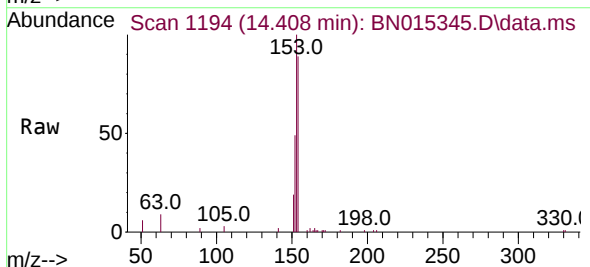
Instrument :
BNA_N
ClientSampleId :
MW-07-1.5-6.5-062921

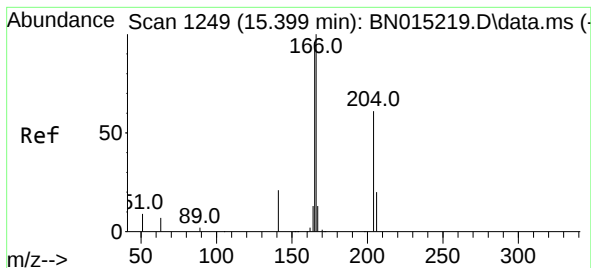
Tgt Ion:	172	Resp:	59972
Ion Ratio	Lower	Upper	
172	100		
171	36.0	30.6	45.8
170	24.7	20.2	30.4



#17
Acenaphthene
Concen: 0.070 ng
RT: 14.408 min Scan# 1194
Delta R.T. -0.001 min
Lab File: BN015345.D
Acq: 06 Jul 2021 19:13

Tgt Ion:	154	Resp:	9842
Ion Ratio	Lower	Upper	
154	100		
153	111.5	90.9	136.3
152	54.3	45.8	68.8





#18

Fluorene

Concen: 0.060 ng

RT: 15.398 min Scan# 1272

Delta R.T. -0.001 min

Lab File: BN015345.D

Acq: 06 Jul 2021 19:13

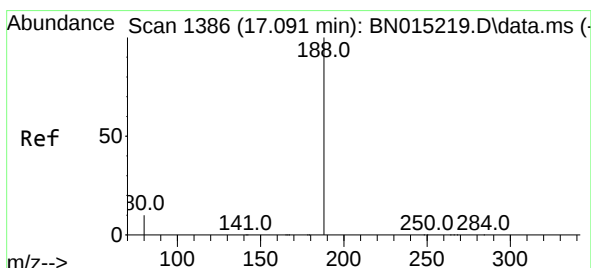
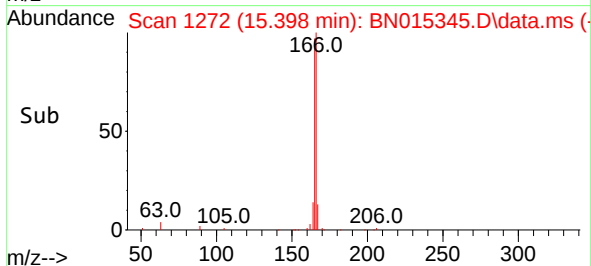
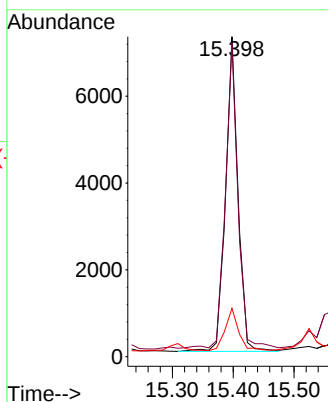
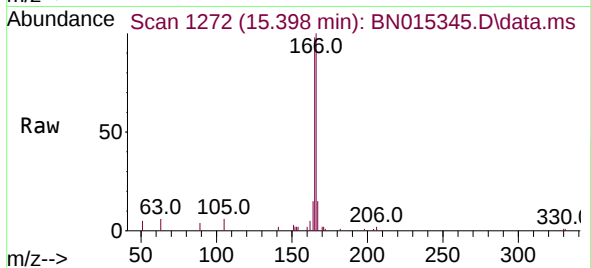
Tgt Ion:	166	Resp:	10255
Ion Ratio	Lower	Upper	
166	100		
165	97.0	79.2	118.8
167	14.4	10.7	16.1

Instrument :

BNA_N

ClientSampleId :

MW-07-1.5-6.5-062921



#19

Phenanthrene-d10

Concen: 0.400 ng

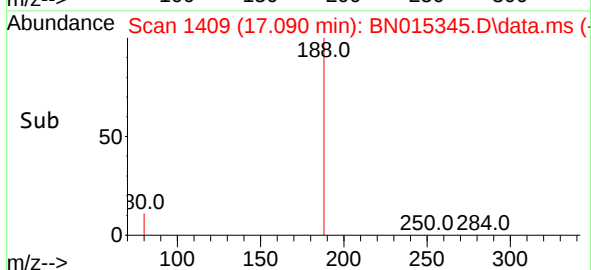
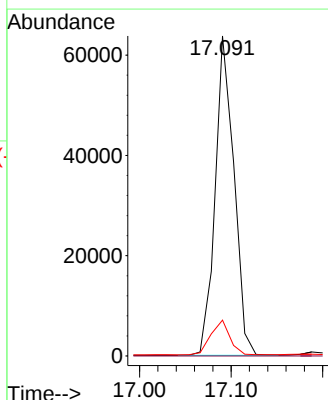
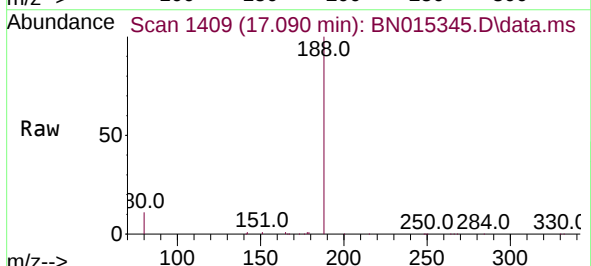
RT: 17.090 min Scan# 1409

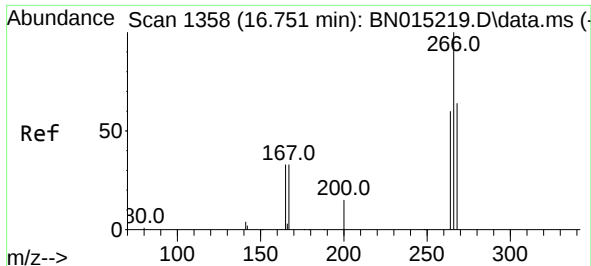
Delta R.T. -0.001 min

Lab File: BN015345.D

Acq: 06 Jul 2021 19:13

Tgt Ion:	188	Resp:	90802
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	11.2	9.0	13.4

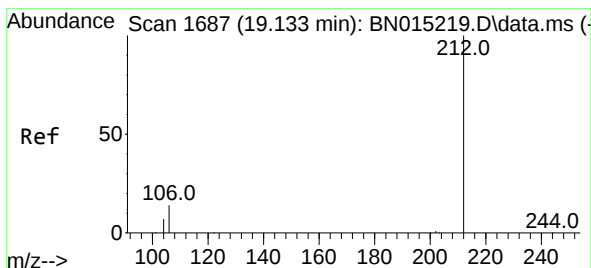
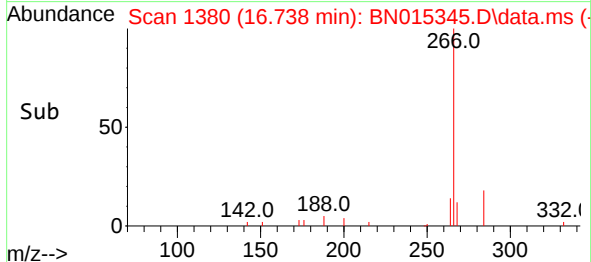
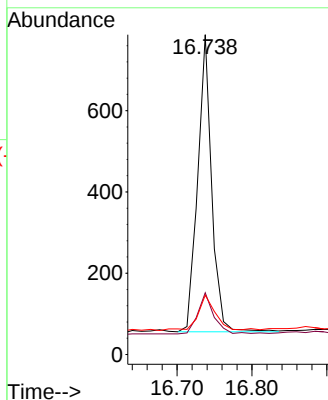
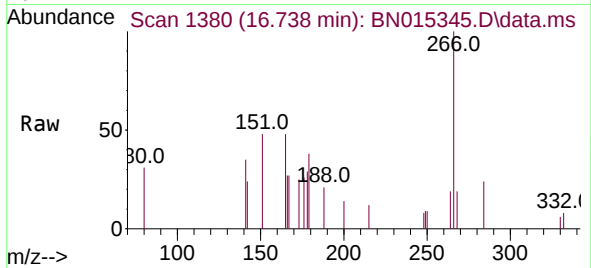




#24
 Pentachlorophenol
 Concen: 0.330 ng
 RT: 16.738 min Scan# 1380
 Delta R.T. -0.013 min
 Lab File: BN015345.D
 Acq: 06 Jul 2021 19:13

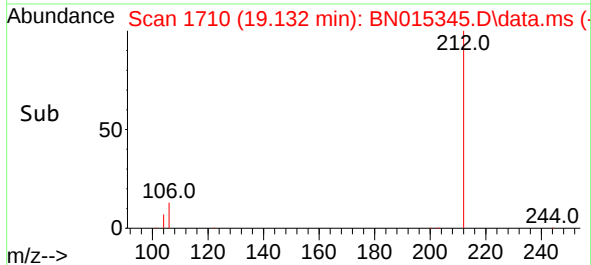
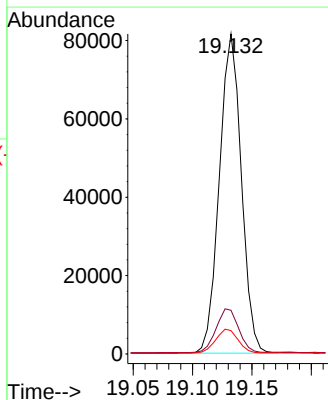
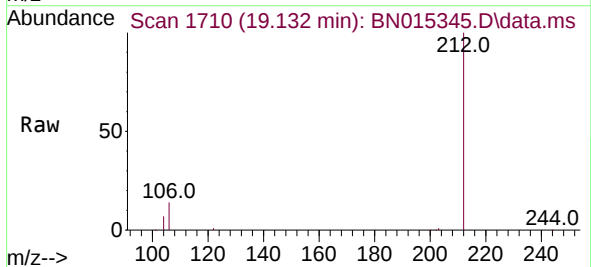
Instrument :
 BNA_N
 ClientSampleId :
 MW-07-1.5-6.5-062921

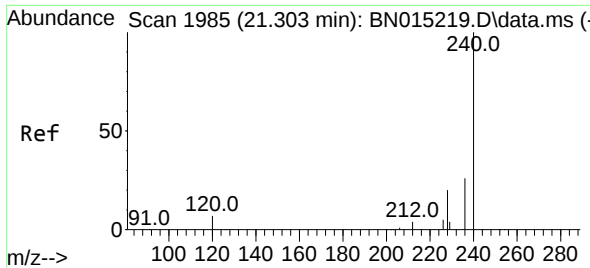
Tgt Ion:266	Resp:	949
Ion Ratio	Lower	Upper
266	100	
264	15.7	51.0 76.4#
268	14.9	50.6 76.0#



#27
 Fluoranthene-d10
 Concen: 0.391 ng
 RT: 19.132 min Scan# 1710
 Delta R.T. -0.001 min
 Lab File: BN015345.D
 Acq: 06 Jul 2021 19:13

Tgt Ion:212	Resp:	104767
Ion Ratio	Lower	Upper
212	100	
106	14.1	7.0 10.6#
104	7.8	4.1 6.1#

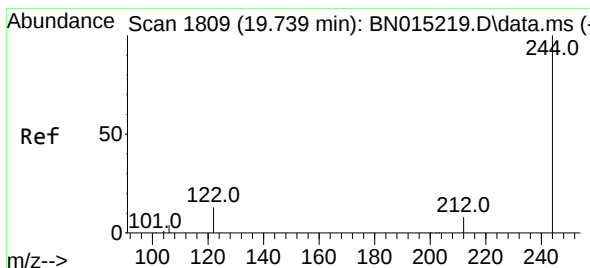
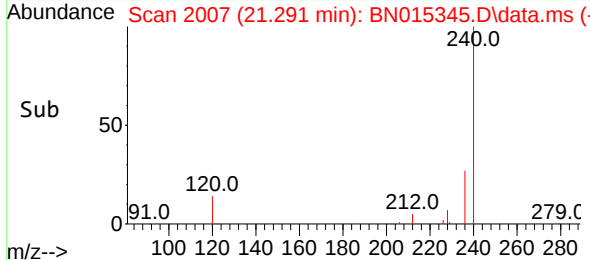
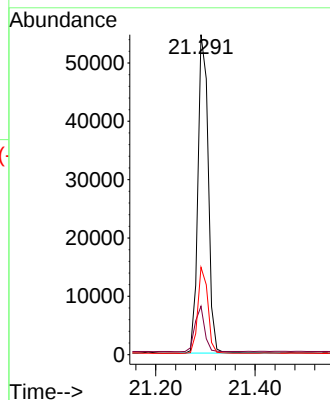
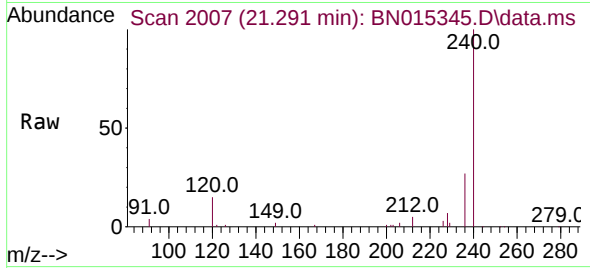




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.291 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BN015345.D
Acq: 06 Jul 2021 19:13

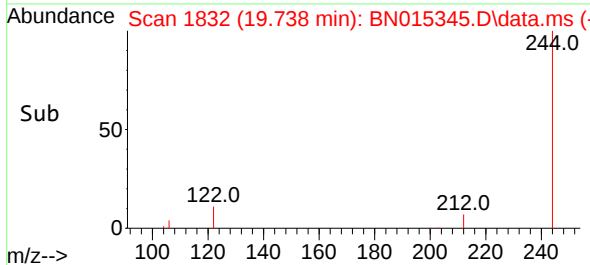
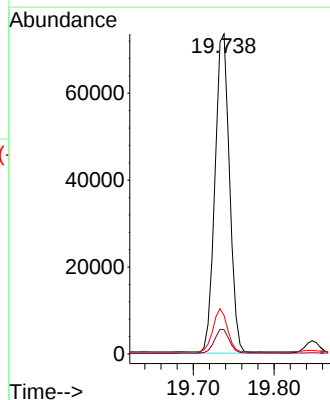
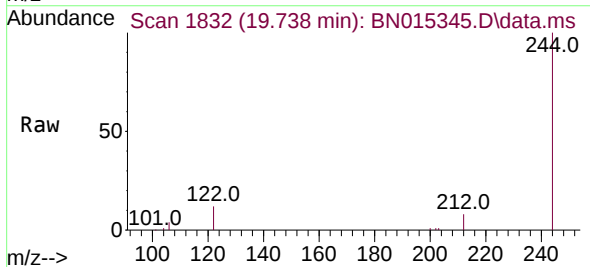
Instrument :
BNA_N
ClientSampleId :
MW-07-1.5-6.5-062921

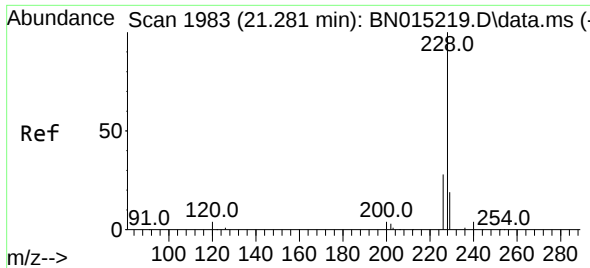
Tgt Ion:240 Resp: 78659
Ion Ratio Lower Upper
240 100
120 15.1 4.2 6.4#
236 27.3 21.4 32.2



#31
Terphenyl-d14
Concen: 0.502 ng
RT: 19.738 min Scan# 1832
Delta R.T. -0.001 min
Lab File: BN015345.D
Acq: 06 Jul 2021 19:13

Tgt Ion:244 Resp: 92367
Ion Ratio Lower Upper
244 100
212 7.6 6.3 9.5
122 12.0 6.2 9.2#

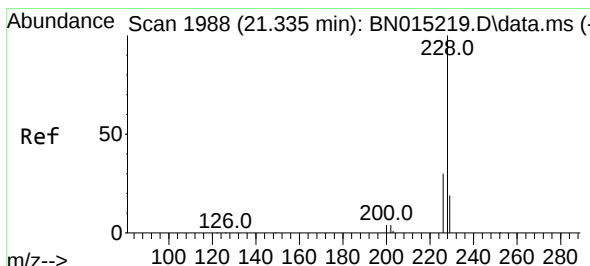
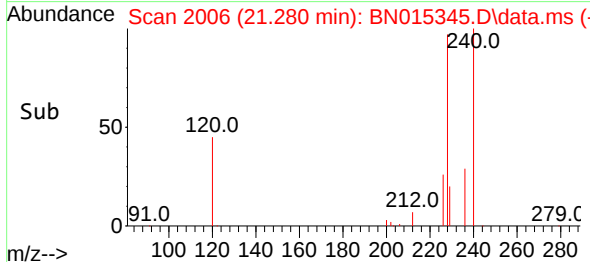
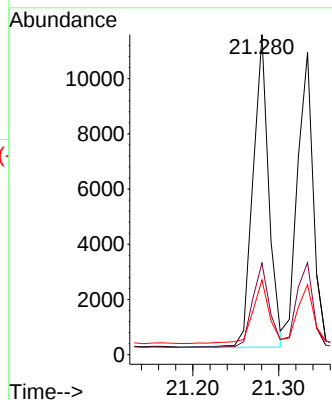
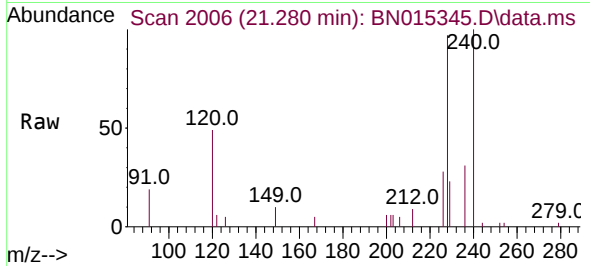




#32
Benzo(a)anthracene
Concen: 0.053 ng
RT: 21.280 min Scan# 2006
Delta R.T. -0.001 min
Lab File: BN015345.D
Acq: 06 Jul 2021 19:13

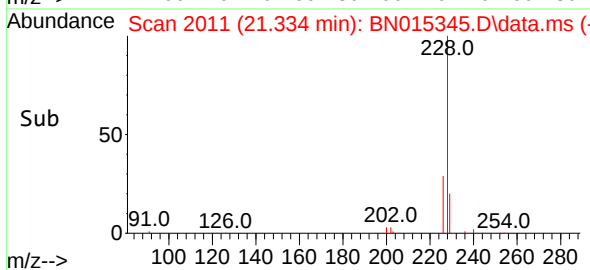
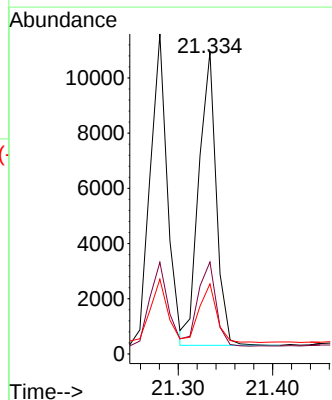
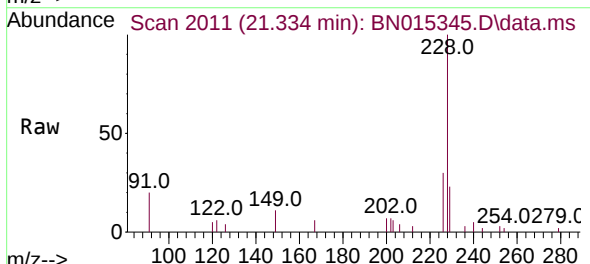
Instrument :
BNA_N
ClientSampleId :
MW-07-1.5-6.5-062921

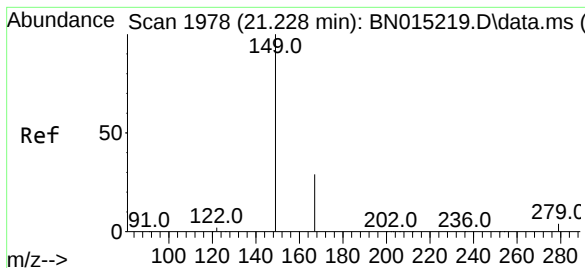
Tgt Ion:	228	Resp:	14383
Ion Ratio	Lower	Upper	
228	100		
226	28.7	23.0	34.6
229	23.3	15.7	23.5



#33
Chrysene
Concen: 0.046 ng
RT: 21.334 min Scan# 2011
Delta R.T. -0.001 min
Lab File: BN015345.D
Acq: 06 Jul 2021 19:13

Tgt Ion:	228	Resp:	13611
Ion Ratio	Lower	Upper	
228	100		
226	30.4	25.0	37.6
229	23.2	15.9	23.9

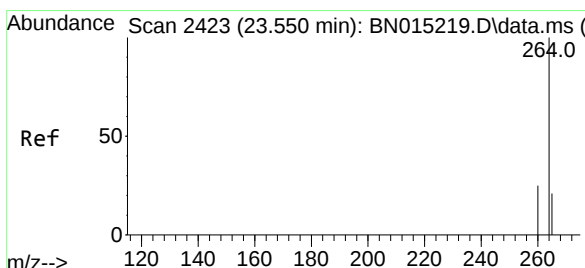
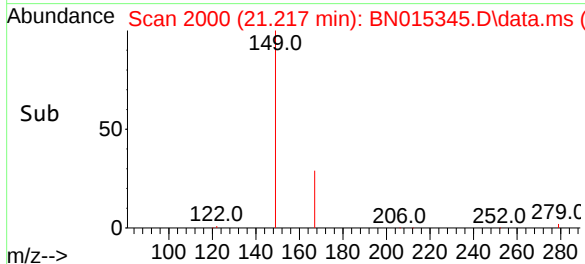
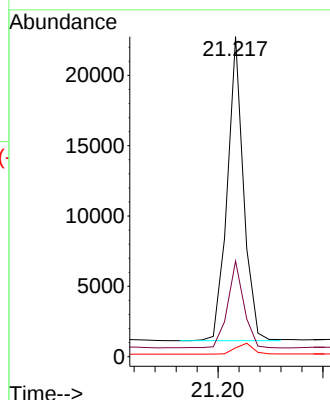
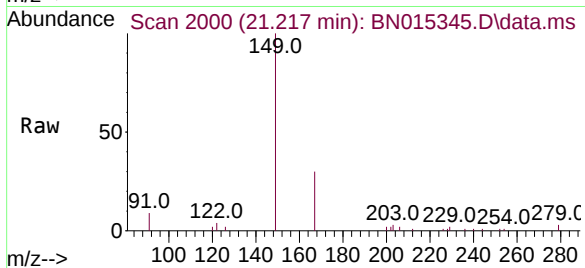




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.391 ng
 RT: 21.217 min Scan# 2000
 Delta R.T. -0.011 min
 Lab File: BN015345.D
 Acq: 06 Jul 2021 19:13

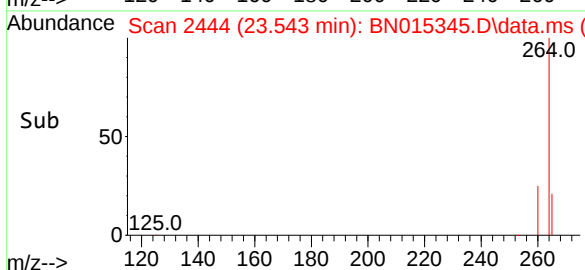
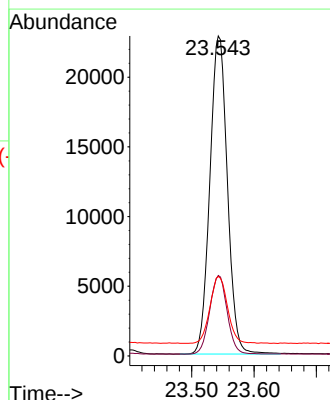
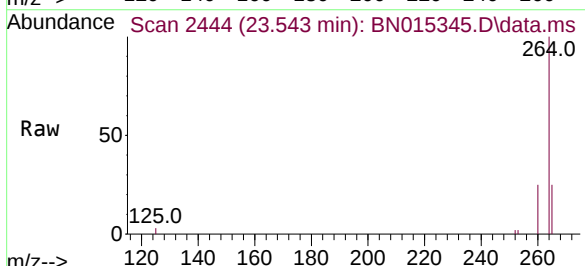
Instrument :
 BNA_N
 ClientSampleId :
 MW-07-1.5-6.5-062921

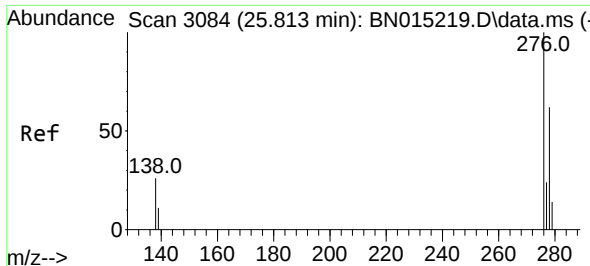
Tgt Ion:149 Resp: 23276
 Ion Ratio Lower Upper
 149 100
 167 28.3 28.9 43.3#
 279 3.9 4.9 7.3#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.543 min Scan# 2444
 Delta R.T. -0.007 min
 Lab File: BN015345.D
 Acq: 06 Jul 2021 19:13

Tgt Ion:264 Resp: 44645
 Ion Ratio Lower Upper
 264 100
 260 25.2 20.6 31.0
 265 24.9 21.4 32.2

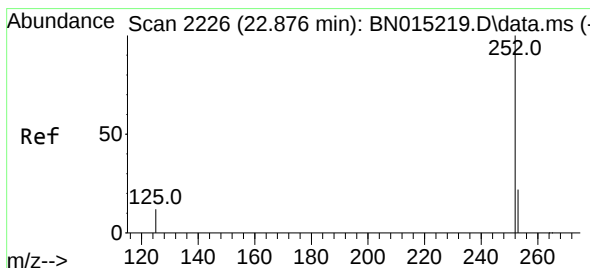
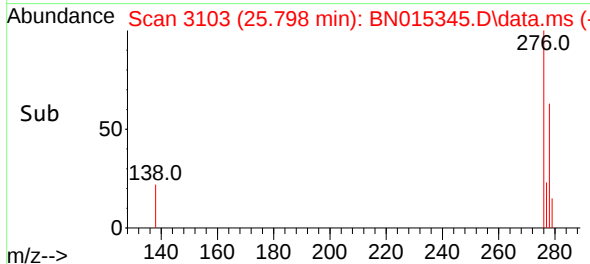
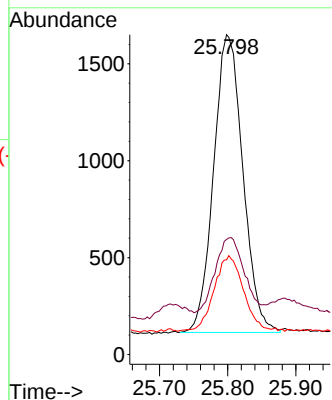
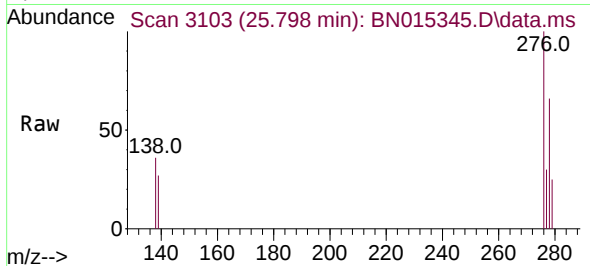




#36
Indeno(1,2,3-cd)pyrene
Concen: 0.029 ng
RT: 25.798 min Scan# 3103
Delta R.T. -0.015 min
Lab File: BN015345.D
Acq: 06 Jul 2021 19:13

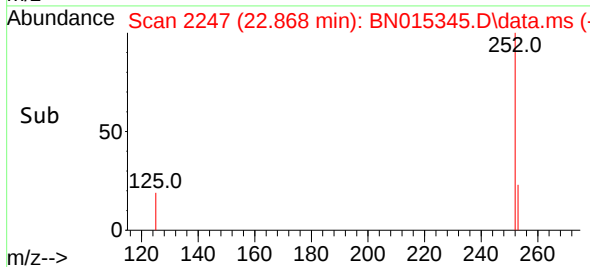
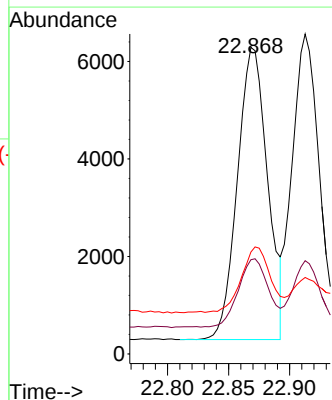
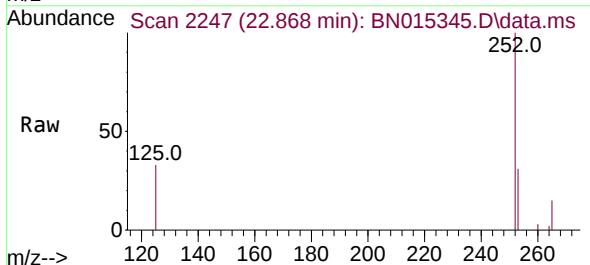
Instrument :
BNA_N
ClientSampleId :
MW-07-1.5-6.5-062921

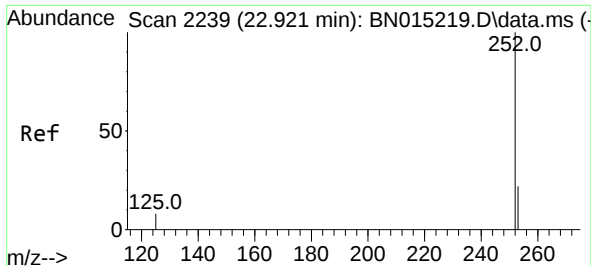
Tgt Ion:276 Resp: 4588
Ion Ratio Lower Upper
276 100
138 25.0 10.0 15.0#
277 25.4 20.4 30.6



#37
Benzo(b)fluoranthene
Concen: 0.059 ng
RT: 22.868 min Scan# 2247
Delta R.T. -0.008 min
Lab File: BN015345.D
Acq: 06 Jul 2021 19:13

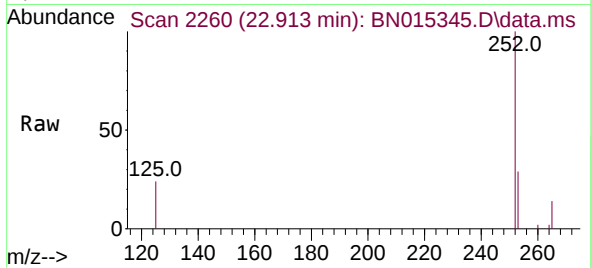
Tgt Ion:252 Resp: 10321
Ion Ratio Lower Upper
252 100
253 30.7 18.5 27.7#
125 33.2 5.8 8.6#



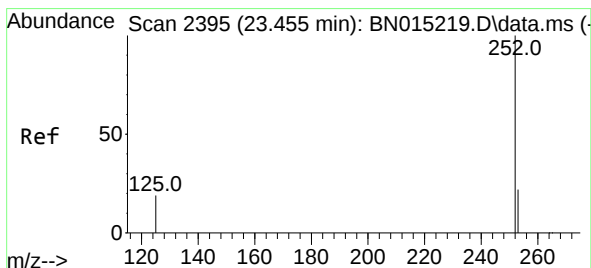
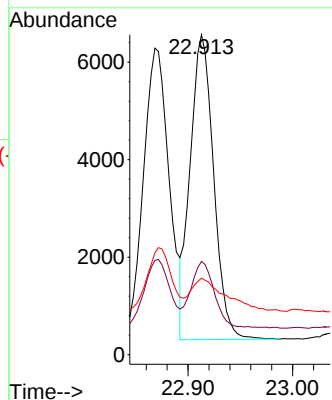


#38
Benzo(k)fluoranthene
Concen: 0.052 ng
RT: 22.913 min Scan# 2260
Delta R.T. -0.008 min
Lab File: BN015345.D
Acq: 06 Jul 2021 19:13

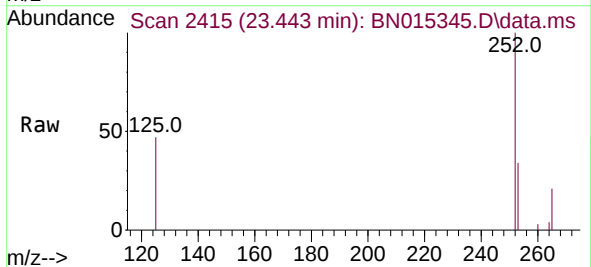
Instrument :
BNA_N
ClientSampleId :
MW-07-1.5-6.5-062921



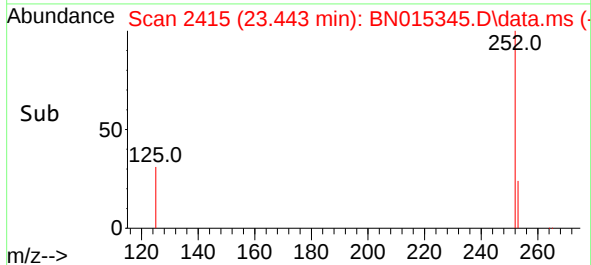
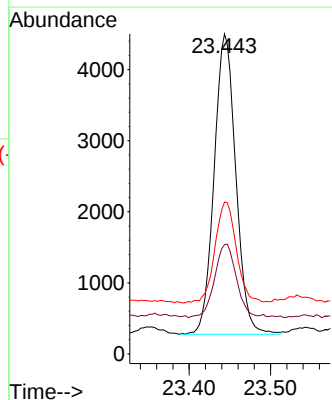
Tgt Ion:252 Resp: 9732
Ion Ratio Lower Upper
252 100
253 29.1 19.1 28.7#
125 23.9 5.4 8.0#

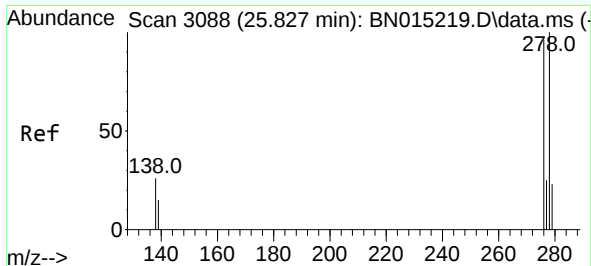


#39
Benzo(a)pyrene
Concen: 0.049 ng
RT: 23.443 min Scan# 2415
Delta R.T. -0.011 min
Lab File: BN015345.D
Acq: 06 Jul 2021 19:13



Tgt Ion:252 Resp: 7800
Ion Ratio Lower Upper
252 100
253 34.1 19.4 29.2#
125 47.4 7.4 11.2#

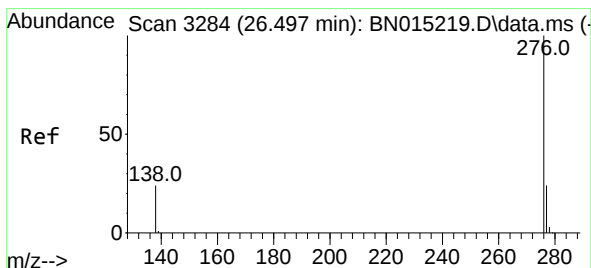
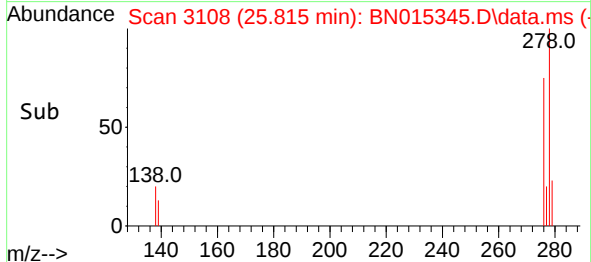
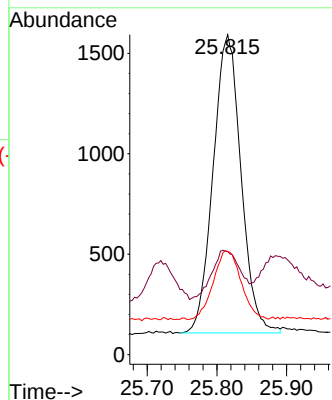
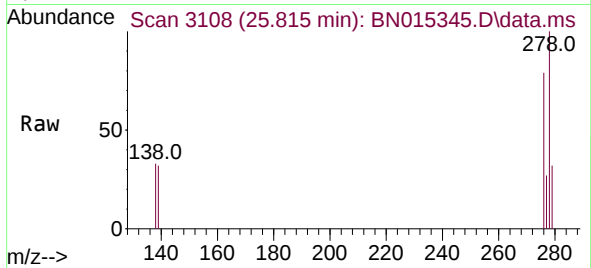




#40
Dibenzo(a,h)anthracene
Concen: 0.033 ng
RT: 25.815 min Scan# 3108
Delta R.T. -0.011 min
Lab File: BN015345.D
Acq: 06 Jul 2021 19:13

Instrument :
BNA_N
ClientSampleId :
MW-07-1.5-6.5-062921

Tgt Ion:278 Resp: 4127
Ion Ratio Lower Upper
278 100
139 32.3 9.0 13.4#
279 32.2 21.0 31.4#



#41
Benzo(g,h,i)perylene
Concen: 0.024 ng
RT: 26.486 min Scan# 3304
Delta R.T. -0.011 min
Lab File: BN015345.D
Acq: 06 Jul 2021 19:13

Tgt Ion:276 Resp: 3265
Ion Ratio Lower Upper
276 100
277 31.7 19.7 29.5#
138 37.7 9.8 14.6#

