

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070721\
 Data File : BN015392.D
 Acq On : 08 Jul 2021 04:09
 Operator : CG/JU
 Sample : M2939-10
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-14B-070221

Quant Time: Jul 08 06:45:40 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 07 11:11:38 2021
 Response via : Initial Calibration

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

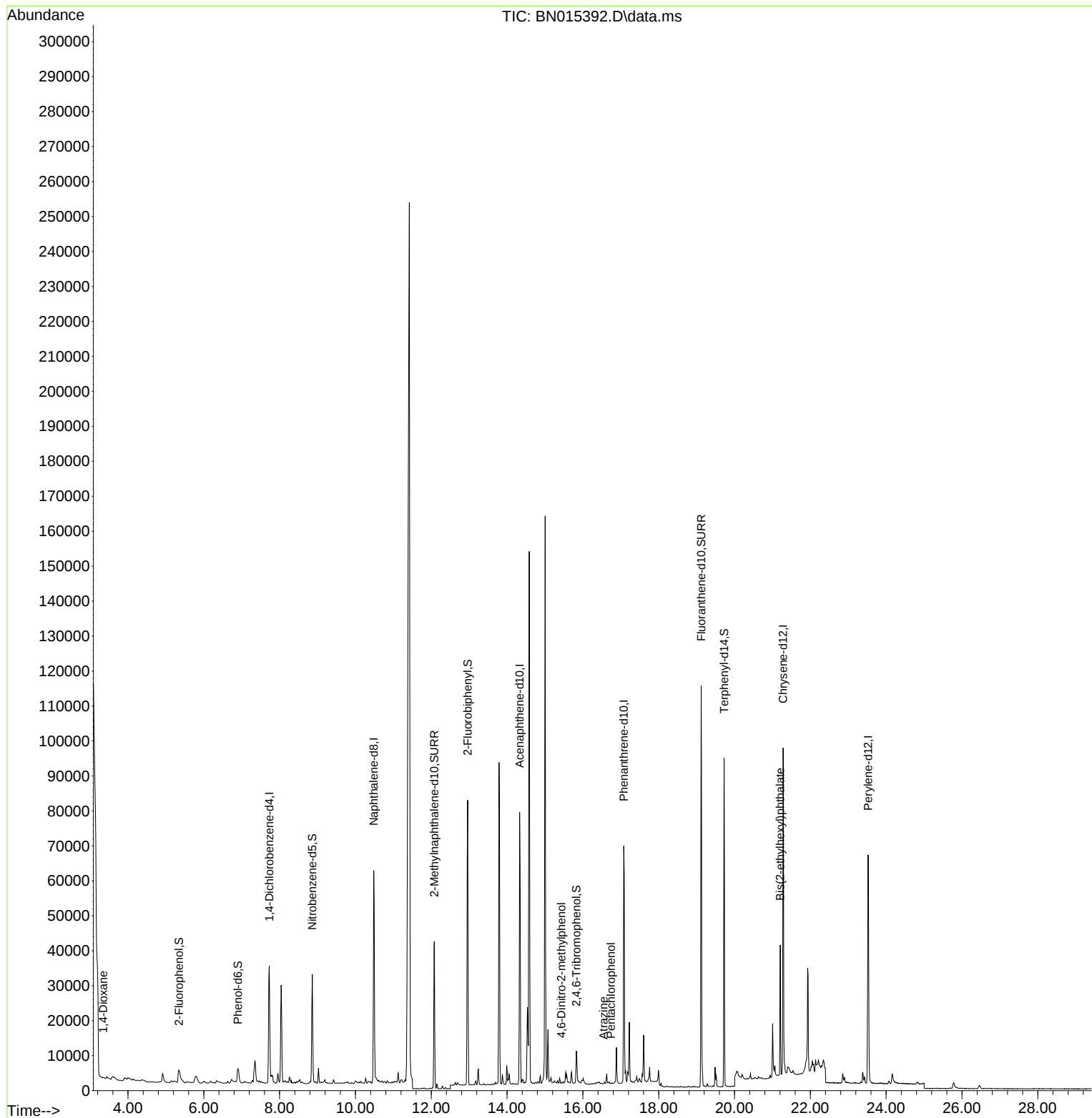
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.725	152	18985	0.40	ng	# 0.00
7) Naphthalene-d8	10.482	136	87139	0.40	ng	# 0.00
13) Acenaphthene-d10	14.332	164	48611	0.40	ng	0.00
19) Phenanthrene-d10	17.078	188	98318	0.40	ng	# 0.00
29) Chrysene-d12	21.280	240	89218	0.40	ng	#-0.01
35) Perylene-d12	23.525	264	84986	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.346	112	7236	0.15	ng	0.00
5) Phenol-d6	6.895	99	5167	0.08	ng	0.00
8) Nitrobenzene-d5	8.860	82	26443	0.54	ng	0.00
11) 2-Methylnaphthalene-d10	12.078	152	55285	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.829	330	6161	0.51	ng	0.00
15) 2-Fluorobiphenyl	12.962	172	74906	0.38	ng	0.00
27) Fluoranthene-d10	19.122	212	123469	0.43	ng	0.00
31) Terphenyl-d14	19.723	244	91668	0.44	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.345	88	533	0.06	ng	# 63
20) 4,6-Dinitro-2-methylph...	15.436	198	61	0.23	ng	# 1
23) Atrazine	16.543	200	24	0.17	ng	# 1
24) Pentachlorophenol	16.737	266	61	0.25	ng	# 81
34) Bis(2-ethylhexyl)phtha...	21.206	149	31375	0.44	ng	# 88

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

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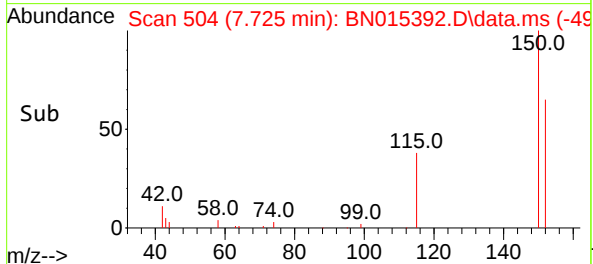
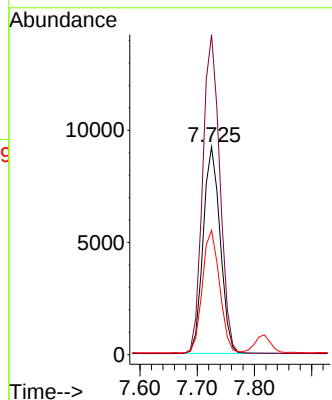
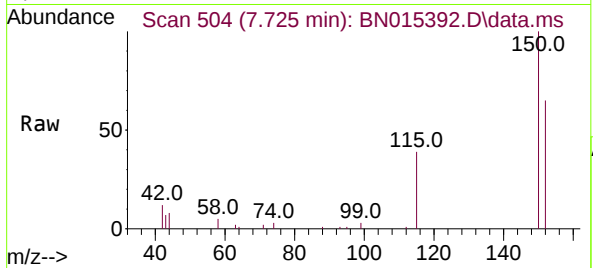




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.725 min Scan# 504
 Delta R.T. 0.000 min
 Lab File: BN015392.D
 Acq: 08 Jul 2021 04:09

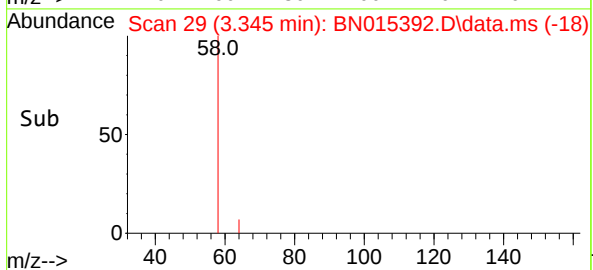
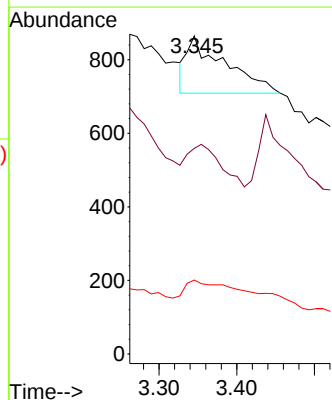
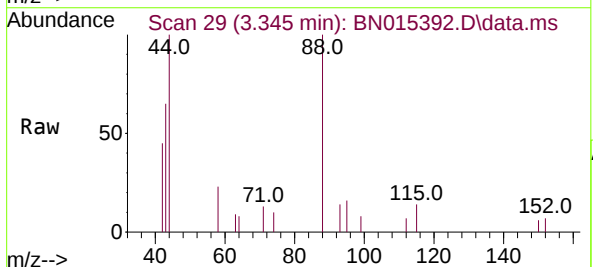
Instrument :
 BNA_N
 ClientSampleId :
 MW-14B-070221

Tgt Ion: 152 Resp: 18985
 Ion Ratio Lower Upper
 152 100
 150 153.9 119.0 178.6
 115 59.8 62.2 93.4#



#2
 1,4-Dioxane
 Concen: 0.06 ng
 RT: 3.345 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: BN015392.D
 Acq: 08 Jul 2021 04:09

Tgt Ion: 88 Resp: 533
 Ion Ratio Lower Upper
 88 100
 43 62.3 12.9 19.3#
 58 38.6 38.1 57.1

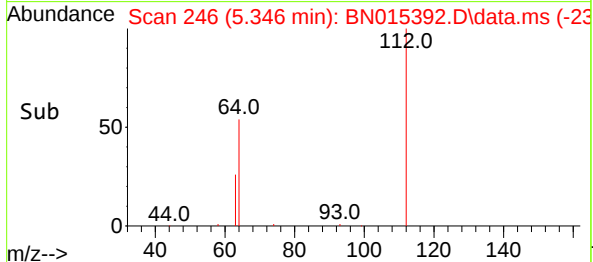
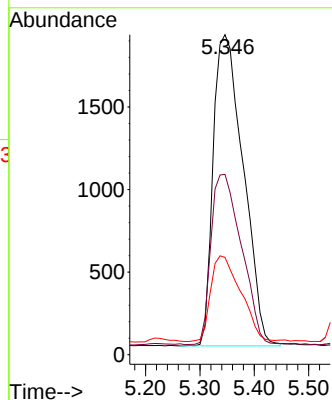
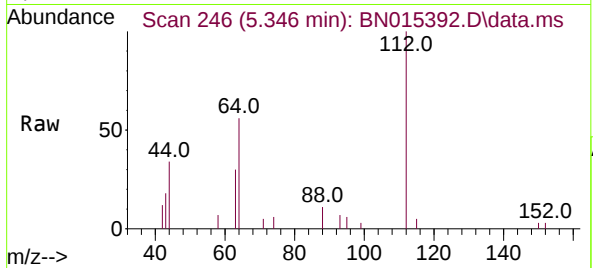




#4
2-Fluorophenol
Concen: 0.15 ng
RT: 5.346 min Scan# 246
Delta R.T. 0.009 min
Lab File: BN015392.D
Acq: 08 Jul 2021 04:09

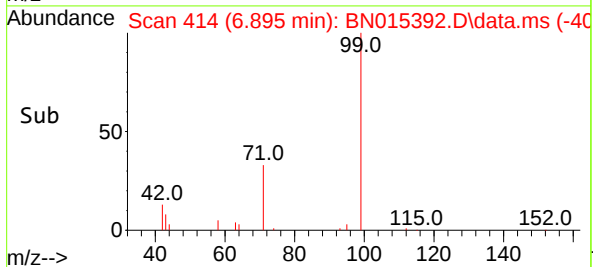
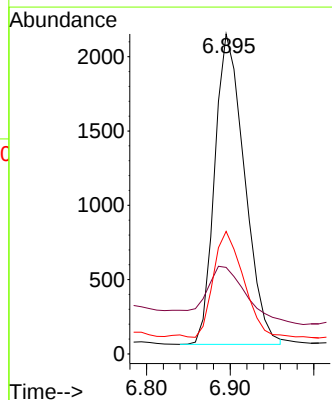
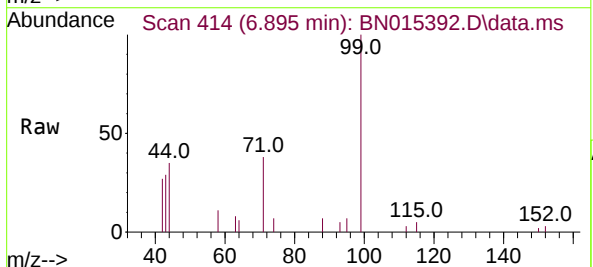
Instrument :
BNA_N
ClientSampleId :
MW-14B-070221

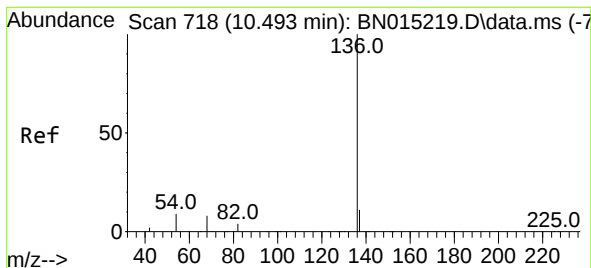
Tgt Ion: 112 Resp: 7236
Ion Ratio Lower Upper
112 100
64 55.4 39.0 58.6
63 27.5 20.6 30.8



#5
Phenol-d6
Concen: 0.08 ng
RT: 6.895 min Scan# 414
Delta R.T. -0.000 min
Lab File: BN015392.D
Acq: 08 Jul 2021 04:09

Tgt Ion: 99 Resp: 5167
Ion Ratio Lower Upper
99 100
42 20.7 8.9 13.3#
71 33.9 35.6 53.4#





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.482 min Scan# 739

Delta R.T. -0.000 min

Lab File: BN015392.D

Acq: 08 Jul 2021 04:09

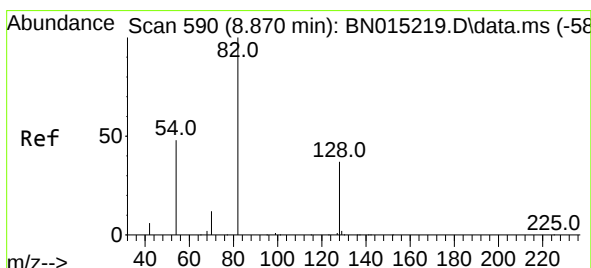
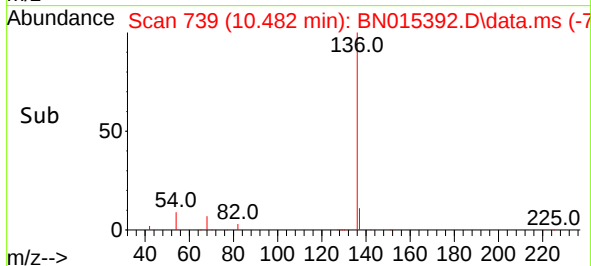
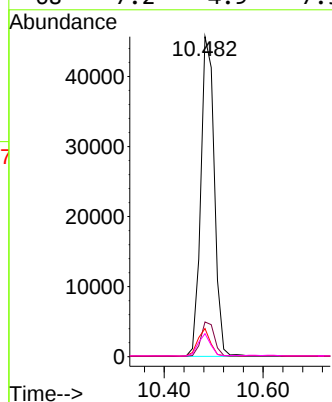
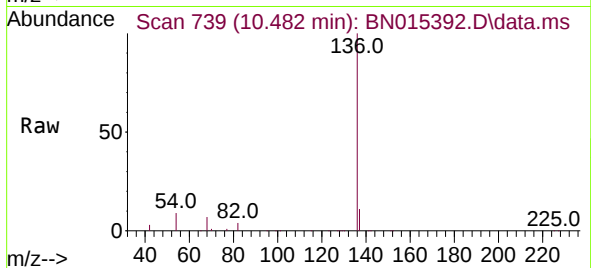
Tgt Ion:	136	Resp:	87139
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.8	14.8
54	8.8	5.4	8.2#
68	7.2	4.9	7.3

Instrument :

BNA_N

ClientSampleId :

MW-14B-070221



#8

Nitrobenzene-d5

Concen: 0.54 ng

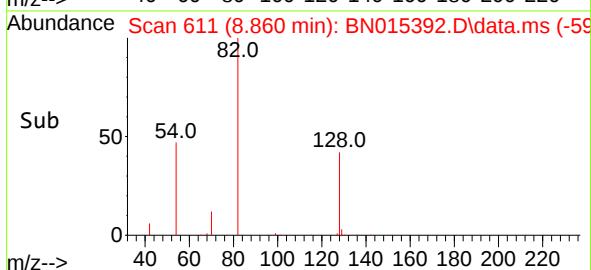
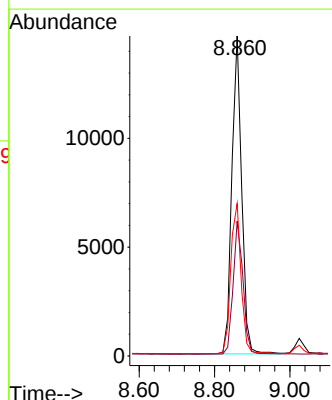
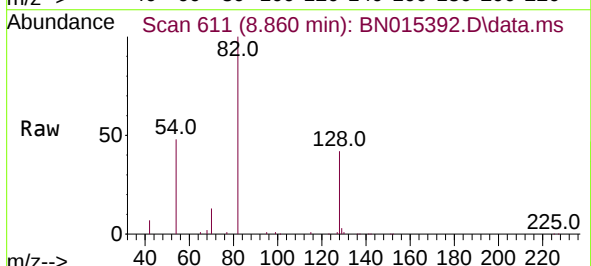
RT: 8.860 min Scan# 611

Delta R.T. -0.000 min

Lab File: BN015392.D

Acq: 08 Jul 2021 04:09

Tgt Ion:	82	Resp:	26443
Ion Ratio	Lower	Upper	
82	100		
128	42.2	31.6	47.4
54	47.7	29.0	43.4#

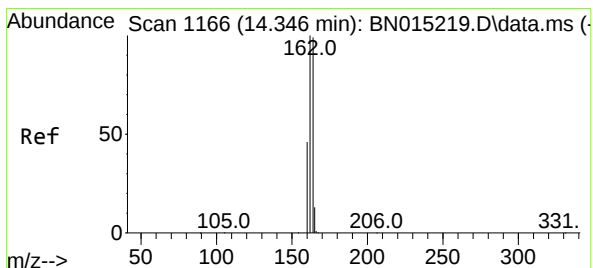
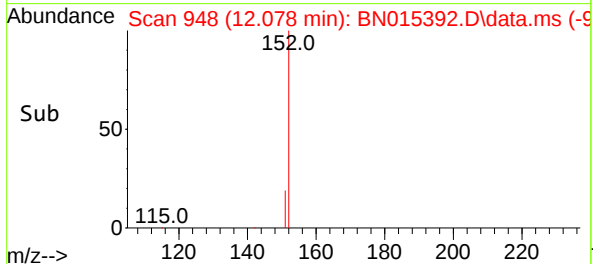
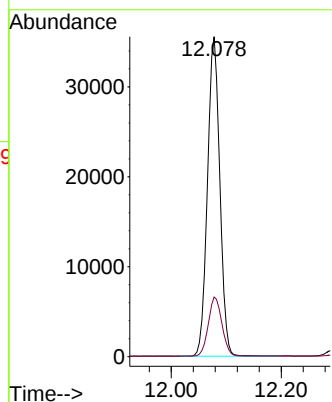
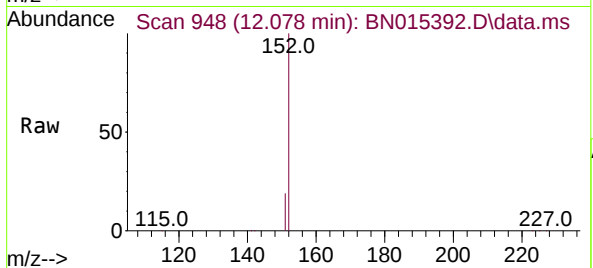




#11
2-Methylnaphthalene-d10
Concen: 0.38 ng
RT: 12.078 min Scan# 948
Delta R.T. -0.000 min
Lab File: BN015392.D
Acq: 08 Jul 2021 04:09

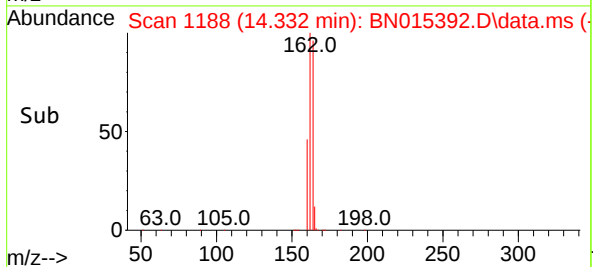
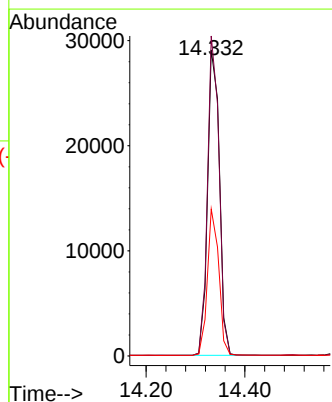
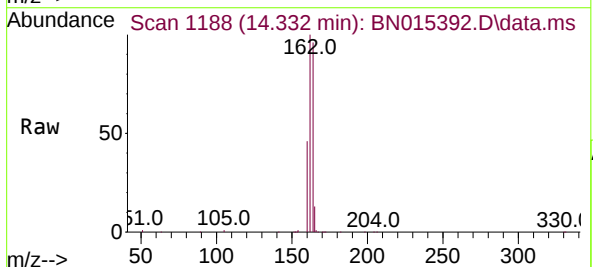
Instrument :
BNA_N
ClientSampleId :
MW-14B-070221

Tgt Ion:152 Resp: 55285
Ion Ratio Lower Upper
152 100
151 20.3 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.332 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BN015392.D
Acq: 08 Jul 2021 04:09

Tgt Ion:164 Resp: 48611
Ion Ratio Lower Upper
164 100
162 104.5 83.8 125.6
160 48.0 37.4 56.0

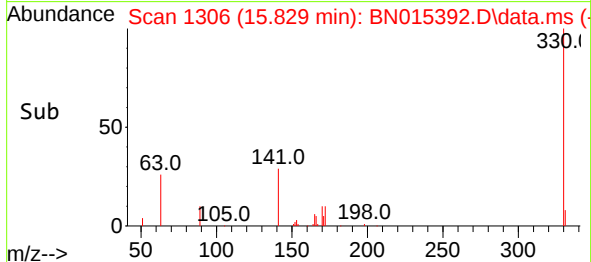
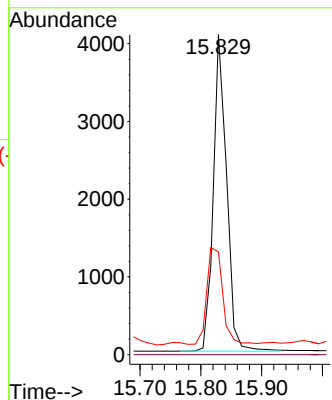
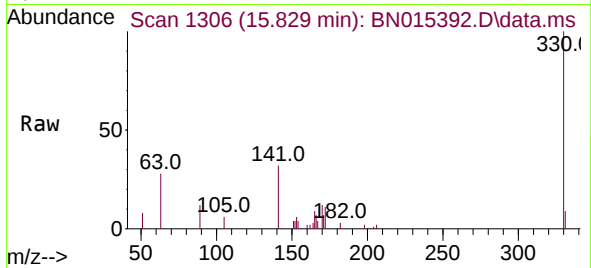




#14
2,4,6-Tribromophenol
Concen: 0.51 ng
RT: 15.829 min Scan# 1306
Delta R.T. -0.000 min
Lab File: BN015392.D
Acq: 08 Jul 2021 04:09

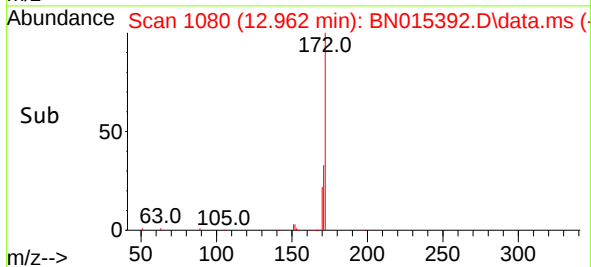
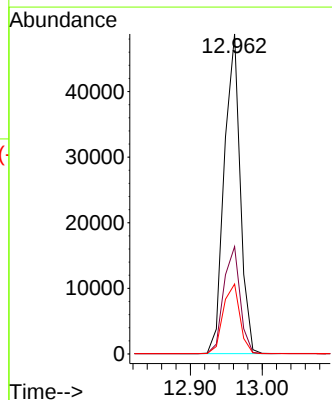
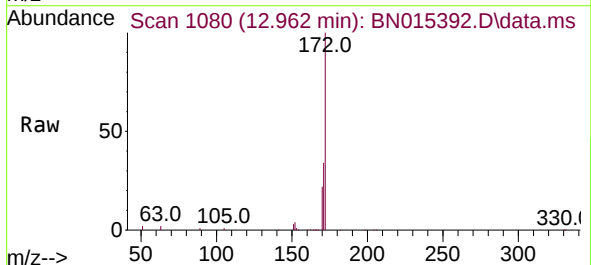
Instrument :
BNA_N
ClientSampleId :
MW-14B-070221

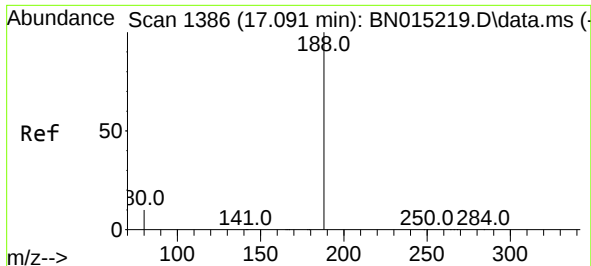
Tgt Ion:330 Resp: 6161
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 36.6 22.4 33.6#



#15
2-Fluorobiphenyl
Concen: 0.38 ng
RT: 12.962 min Scan# 1080
Delta R.T. -0.000 min
Lab File: BN015392.D
Acq: 08 Jul 2021 04:09

Tgt Ion:172 Resp: 74906
Ion Ratio Lower Upper
172 100
171 33.5 30.6 45.8
170 21.8 20.2 30.4

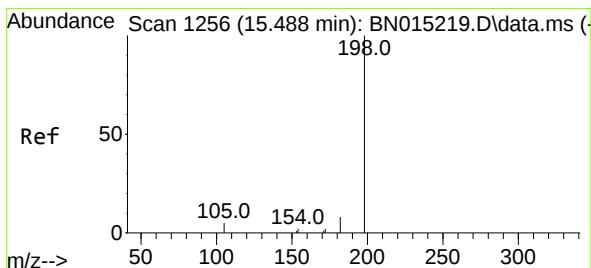
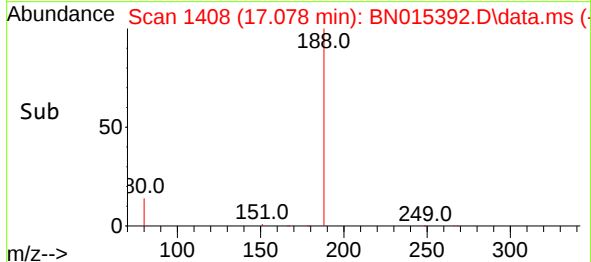
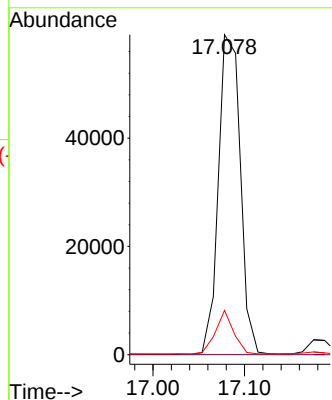
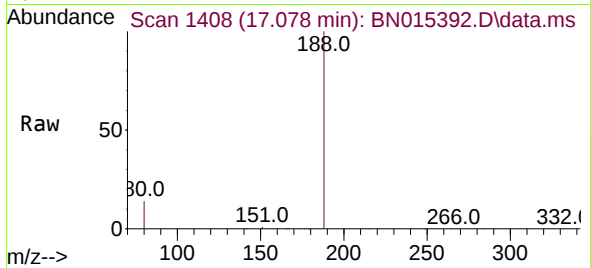




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.078 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BN015392.D
Acq: 08 Jul 2021 04:09

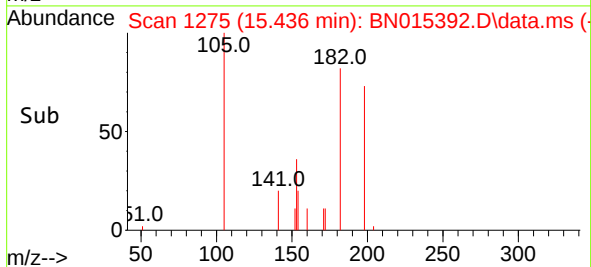
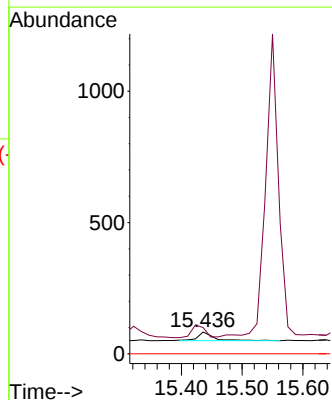
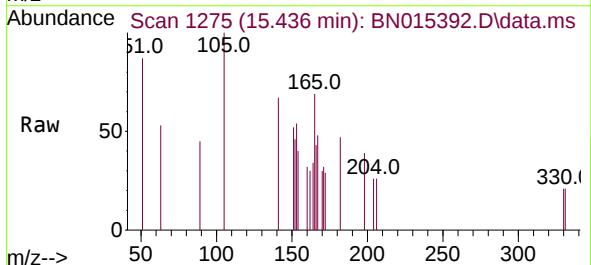
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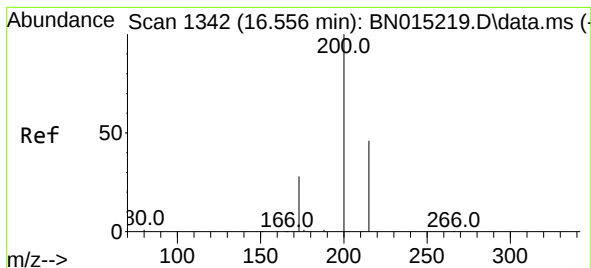
Tgt Ion:188 Resp: 98318
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.9 9.0 13.4#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.23 ng
RT: 15.436 min Scan# 1275
Delta R.T. -0.038 min
Lab File: BN015392.D
Acq: 08 Jul 2021 04:09

Tgt Ion:198 Resp: 61
Ion Ratio Lower Upper
198 100
182 120.5 34.5 51.7#
77 0.0 0.0 0.0





#23

Atrazine

Concen: 0.17 ng

RT: 16.543 min Scan# 1364

Delta R.T. -0.000 min

Lab File: BN015392.D

Acq: 08 Jul 2021 04:09

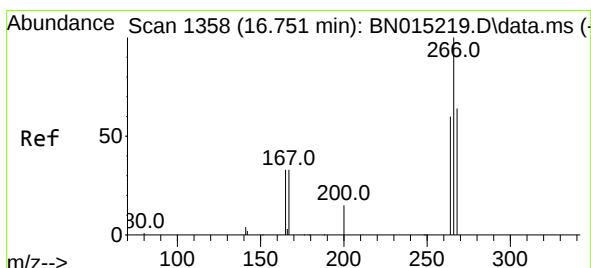
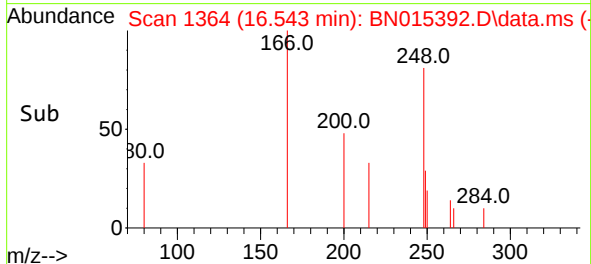
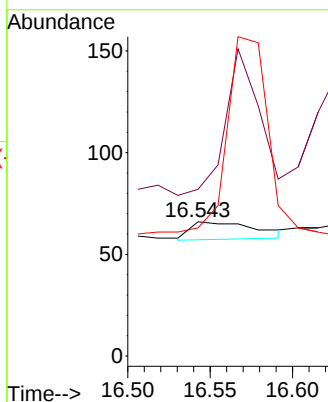
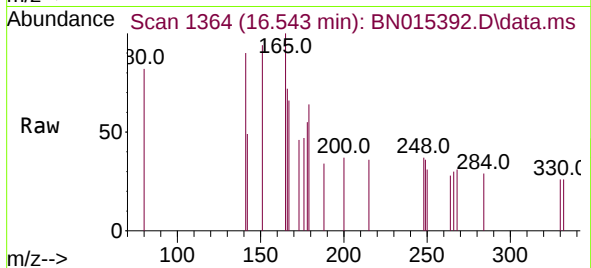
Tgt Ion:	200	Resp:	24
Ion	Ratio	Lower	Upper
200	100		
173	124.2	21.7	32.5#
215	95.5	43.1	64.7#

Instrument :

BNA_N

ClientSampleId :

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#24

Pentachlorophenol

Concen: 0.25 ng

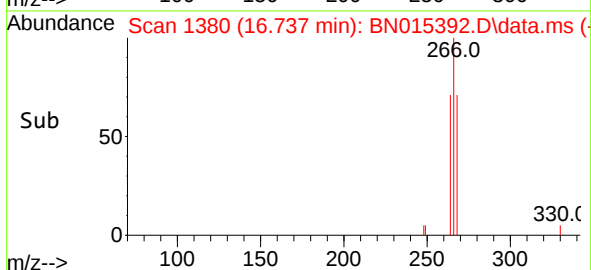
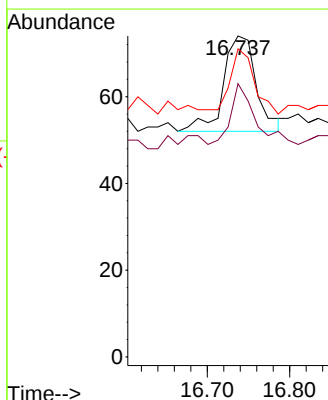
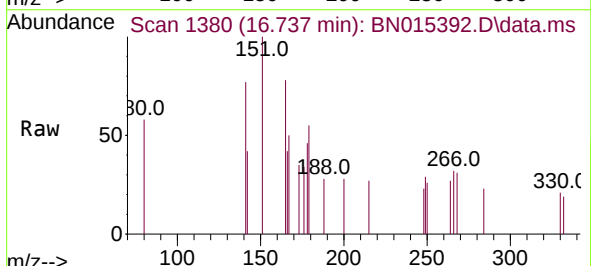
RT: 16.737 min Scan# 1380

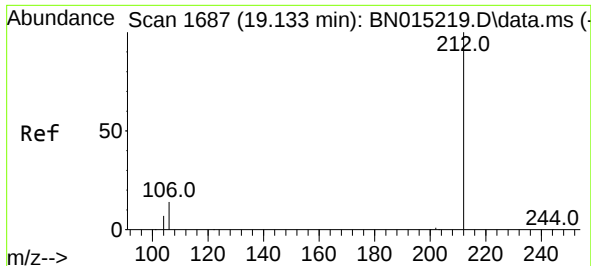
Delta R.T. -0.000 min

Lab File: BN015392.D

Acq: 08 Jul 2021 04:09

Tgt Ion:	266	Resp:	61
Ion	Ratio	Lower	Upper
266	100		
264	45.9	51.0	76.4#
268	50.8	50.6	76.0

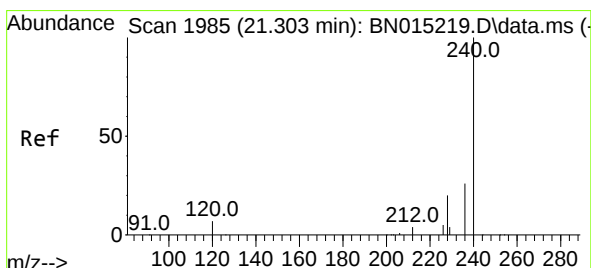
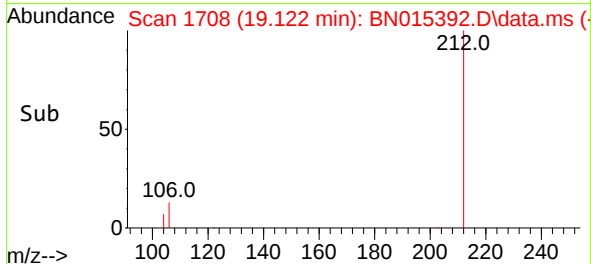
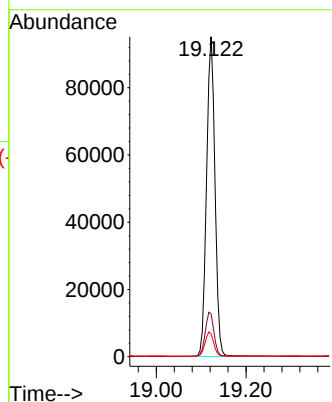
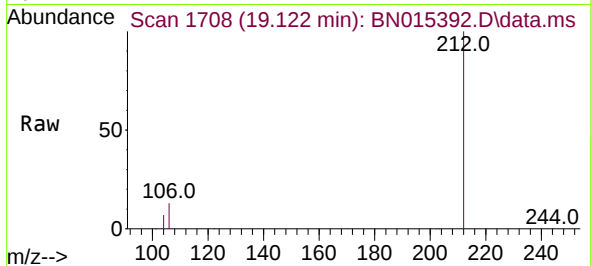




#27
Fluoranthene-d10
Concen: 0.43 ng
RT: 19.122 min Scan# 1708
Delta R.T. -0.000 min
Lab File: BN015392.D
Acq: 08 Jul 2021 04:09

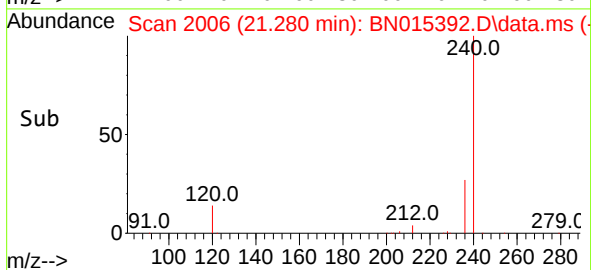
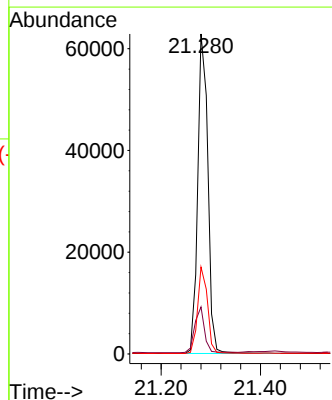
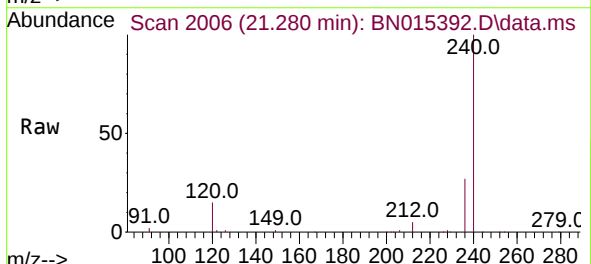
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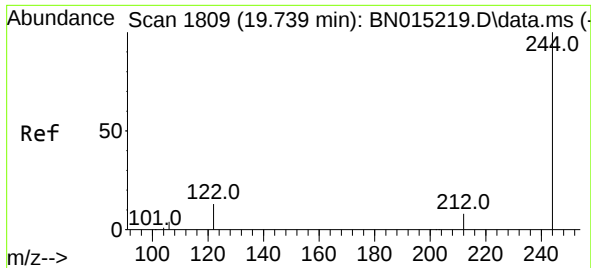
Tgt Ion:212 Resp: 123469
Ion Ratio Lower Upper
212 100
106 14.1 7.0 10.6#
104 7.9 4.1 6.1#



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.280 min Scan# 2006
Delta R.T. -0.011 min
Lab File: BN015392.D
Acq: 08 Jul 2021 04:09

Tgt Ion:240 Resp: 89218
Ion Ratio Lower Upper
240 100
120 14.7 4.2 6.4#
236 27.1 21.4 32.2

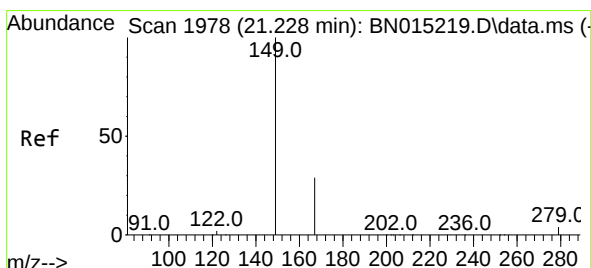
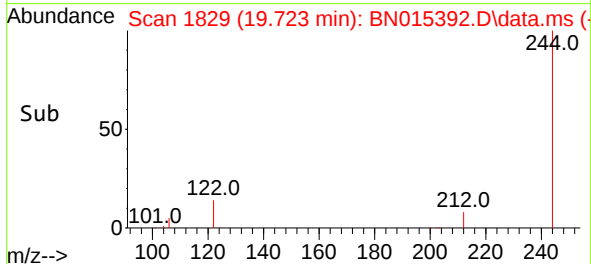
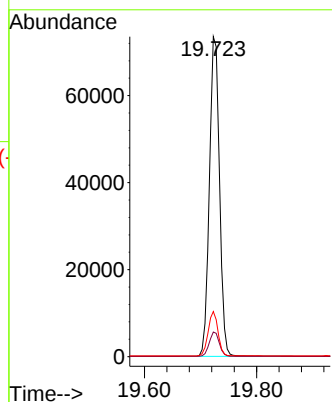
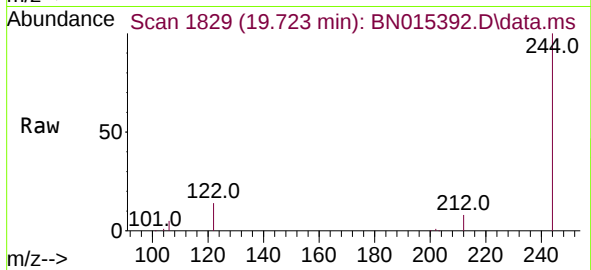




#31
 Terphenyl-d14
 Concen: 0.44 ng
 RT: 19.723 min Scan# 1829
 Delta R.T. -0.005 min
 Lab File: BN015392.D
 Acq: 08 Jul 2021 04:09

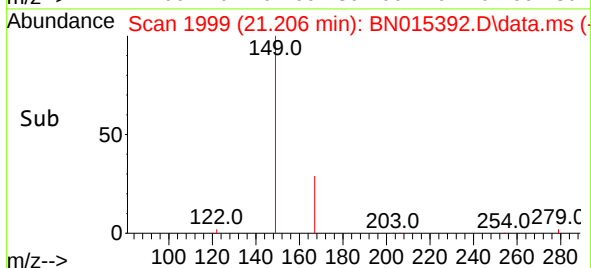
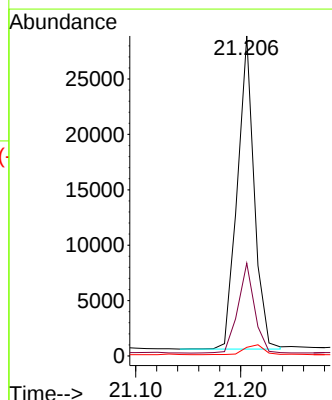
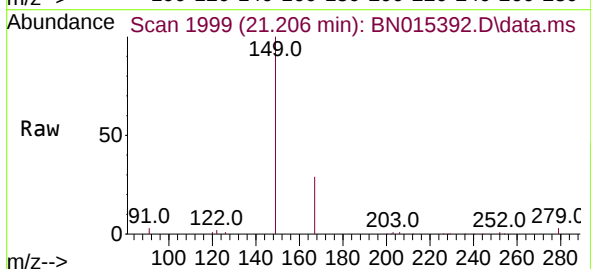
Instrument :
 BNA_N
 ClientSampleId :
 MW-14B-070221

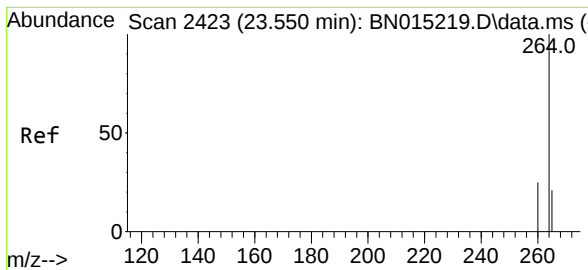
Tgt Ion:244	Resp:	91668
Ion Ratio	Lower	Upper
244	100	
212	7.7	6.3 9.5
122	14.1	6.2 9.2#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.44 ng
 RT: 21.206 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: BN015392.D
 Acq: 08 Jul 2021 04:09

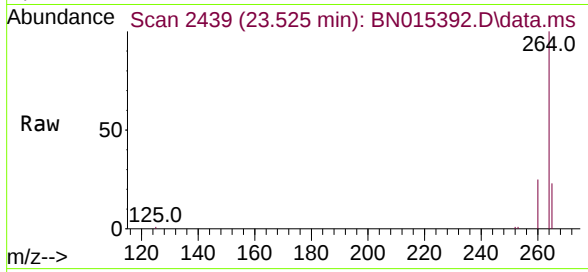
Tgt Ion:149	Resp:	31375
Ion Ratio	Lower	Upper
149	100	
167	28.3	28.9 43.3#
279	3.8	4.9 7.3#





#35
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.525 min Scan# 2439
 Delta R.T. -0.004 min
 Lab File: BN015392.D
 Acq: 08 Jul 2021 04:09

Instrument :
 BNA_N
 ClientSampleId :
 MW-14B-070221



Tgt Ion:264 Resp: 84986
 Ion Ratio Lower Upper
 264 100
 260 24.8 20.6 31.0
 265 23.0 21.4 32.2

