

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070721\
 Data File : BN015397.D
 Acq On : 08 Jul 2021 07:09
 Operator : CG/JU
 Sample : M2953-05
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GW-BR3-070621

Quant Time: Jul 08 08:06:07 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)

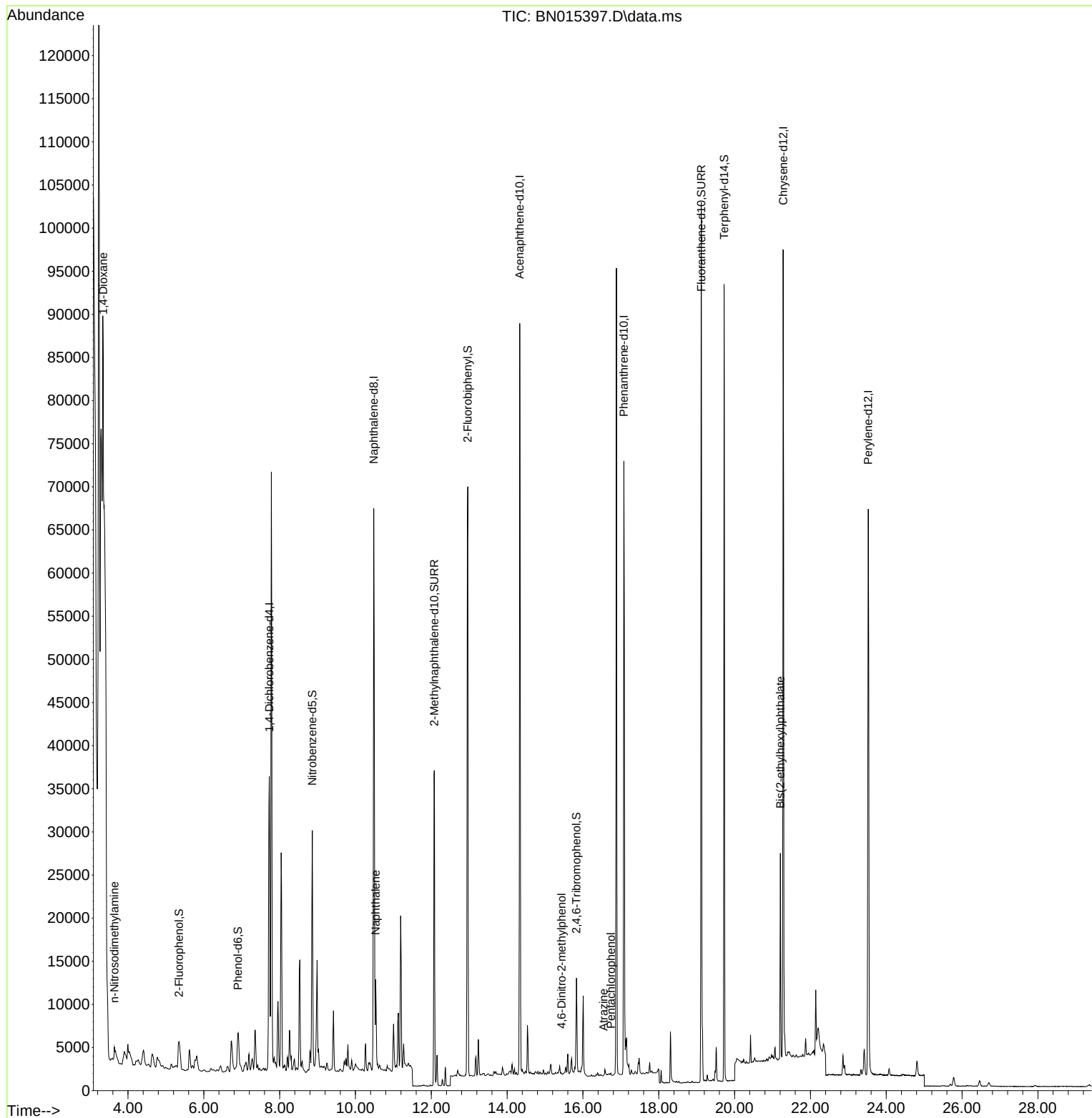
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.725	152	19561	0.40	ng	# 0.00
7) Naphthalene-d8	10.483	136	89948	0.40	ng	# 0.00
13) Acenaphthene-d10	14.332	164	49461	0.40	ng	0.00
19) Phenanthrene-d10	17.078	188	98518	0.40	ng	0.00
29) Chrysene-d12	21.281	240	87433	0.40	ng	#-0.01
35) Perylene-d12	23.526	264	84646	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.346	112	6423	0.13	ng	0.00
5) Phenol-d6	6.896	99	4442	0.07	ng	0.00
8) Nitrobenzene-d5	8.861	82	23454	0.47	ng	0.00
11) 2-Methylnaphthalene-d10	12.078	152	49121	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.829	330	6500	0.52	ng	0.00
15) 2-Fluorobiphenyl	12.962	172	66830	0.33	ng	0.00
27) Fluoranthene-d10	19.123	212	111742	0.38	ng	0.00
31) Terphenyl-d14	19.723	244	86697	0.42	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.346	88	23757	2.59	ng	# 61
3) n-Nitrosodimethylamine	3.641	42	535	0.03	ng	# 1
9) Naphthalene	10.533	128	12443	0.05	ng	98
20) 4,6-Dinitro-2-methylph...	15.436	198	37	0.21	ng	# 1
23) Atrazine	16.543	200	74	0.17	ng	# 31
24) Pentachlorophenol	16.738	266	117	0.25	ng	89
34) Bis(2-ethylhexyl)phtha...	21.206	149	19970	0.34	ng	# 87

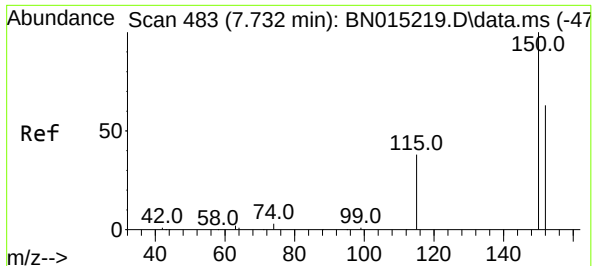
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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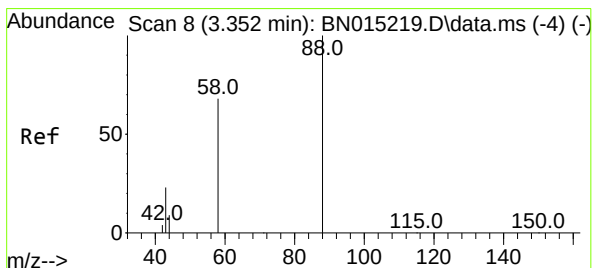
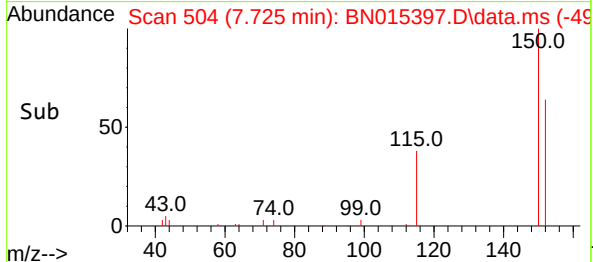
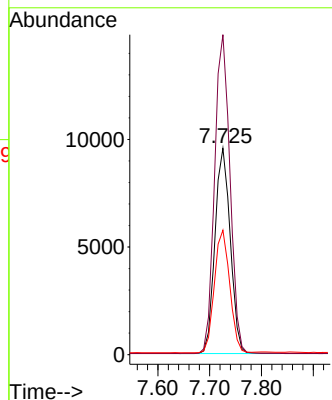
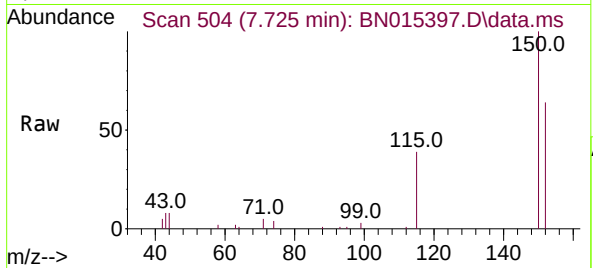




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.725 min Scan# 504
 Delta R.T. 0.000 min
 Lab File: BN015397.D
 Acq: 08 Jul 2021 07:09

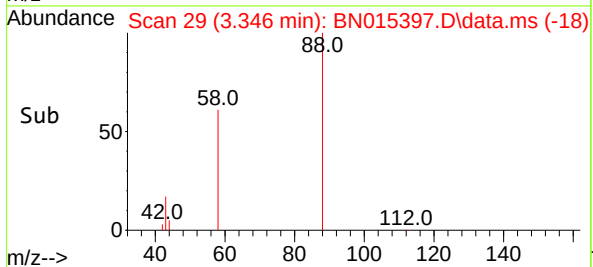
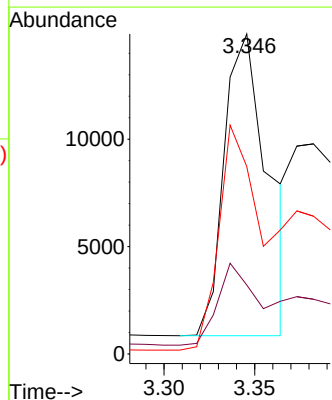
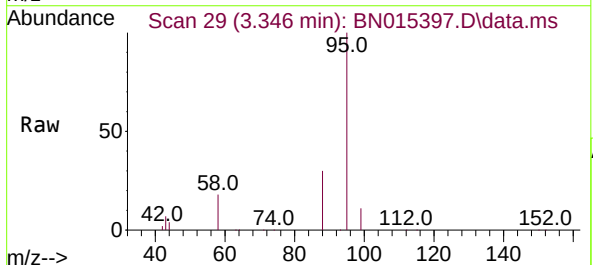
Instrument :
 BNA_N
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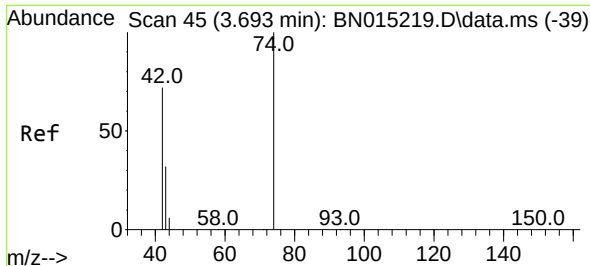
Tgt Ion:152 Resp: 19561
 Ion Ratio Lower Upper
 152 100
 150 155.1 119.0 178.6
 115 60.4 62.2 93.4#



#2
 1,4-Dioxane
 Concen: 2.59 ng
 RT: 3.346 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: BN015397.D
 Acq: 08 Jul 2021 07:09

Tgt Ion: 88 Resp: 23757
 Ion Ratio Lower Upper
 88 100
 43 27.6 12.9 19.3#
 58 76.2 38.1 57.1#

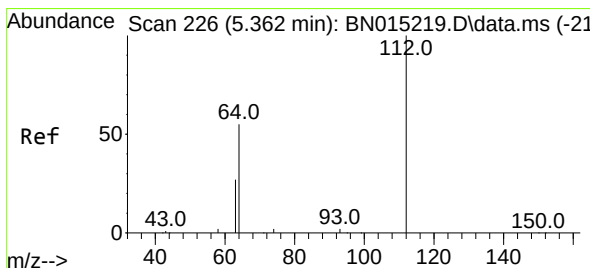
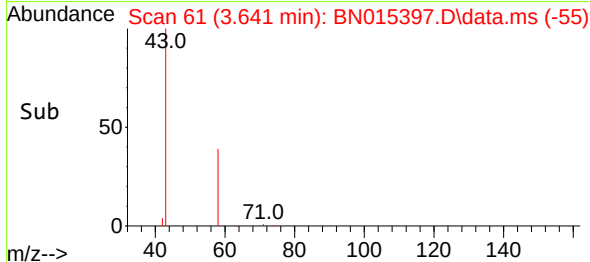
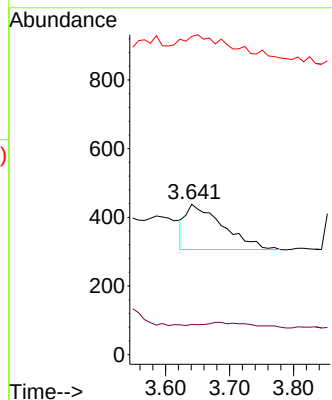
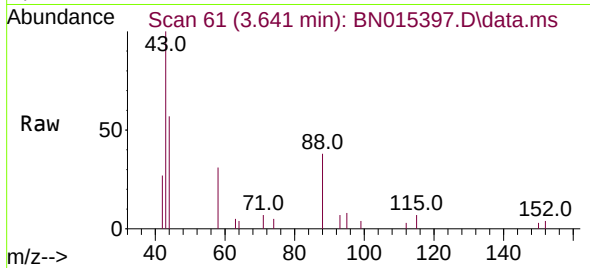




#3
n-Nitrosodimethylamine
Concen: 0.03 ng
RT: 3.641 min Scan# 61
Delta R.T. -0.046 min
Lab File: BN015397.D
Acq: 08 Jul 2021 07:09

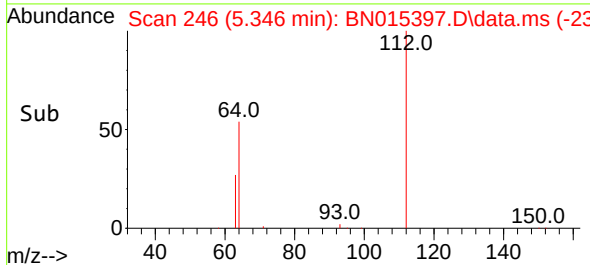
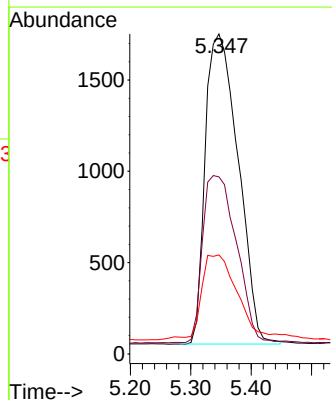
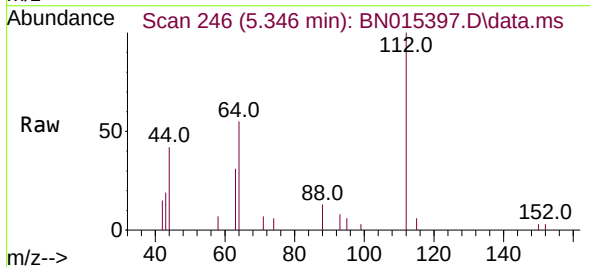
Instrument :
BNA_N
ClientSampleId :
GW-BR3-070621

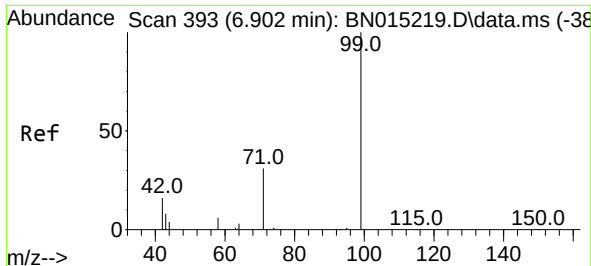
Tgt Ion: 42 Resp: 535
Ion Ratio Lower Upper
42 100
74 0.0 149.5 224.3#
44 68.8 4.2 6.2#



#4
2-Fluorophenol
Concen: 0.13 ng
RT: 5.346 min Scan# 246
Delta R.T. 0.009 min
Lab File: BN015397.D
Acq: 08 Jul 2021 07:09

Tgt Ion: 112 Resp: 6423
Ion Ratio Lower Upper
112 100
64 55.5 39.0 58.6
63 29.4 20.6 30.8

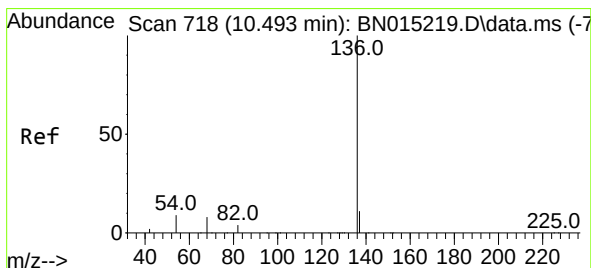
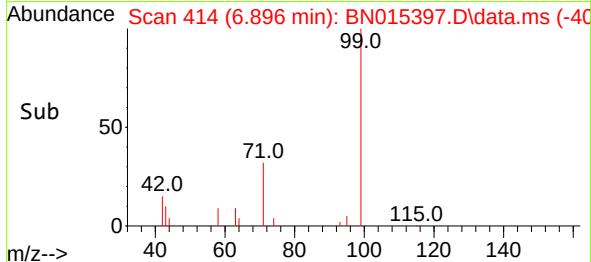
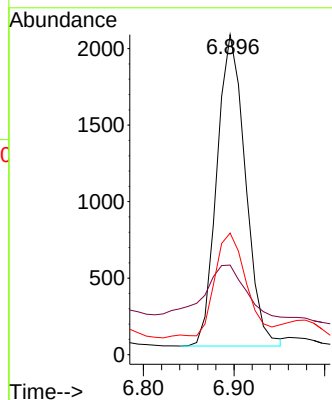
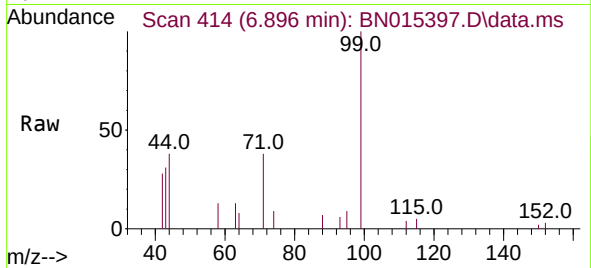




#5
Phenol-d6
Concen: 0.07 ng
RT: 6.896 min Scan# 414
Delta R.T. 0.000 min
Lab File: BN015397.D
Acq: 08 Jul 2021 07:09

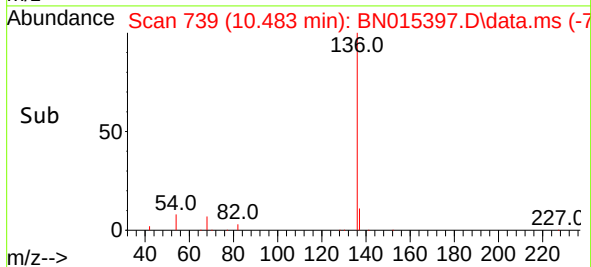
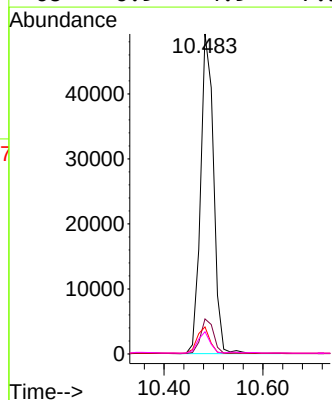
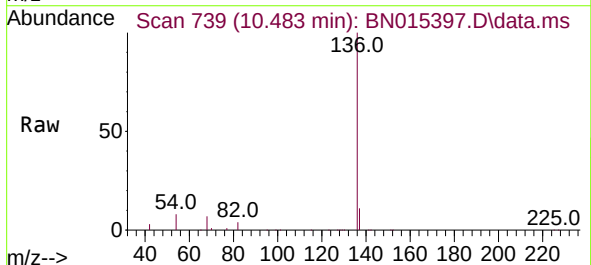
Instrument :
BNA_N
ClientSampleId :
GW-BR3-070621

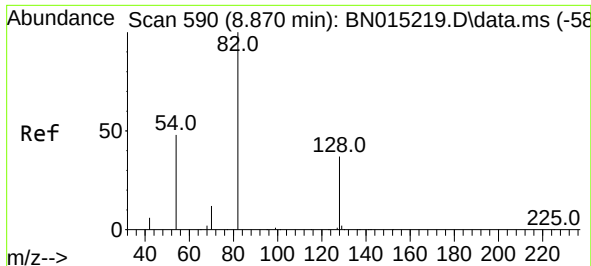
Tgt Ion: 99 Resp: 4442
Ion Ratio Lower Upper
99 100
42 24.1 8.9 13.3#
71 38.0 35.6 53.4



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.483 min Scan# 739
Delta R.T. 0.000 min
Lab File: BN015397.D
Acq: 08 Jul 2021 07:09

Tgt Ion: 136 Resp: 89948
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.8
54 8.5 5.4 8.2#
68 6.9 4.9 7.3

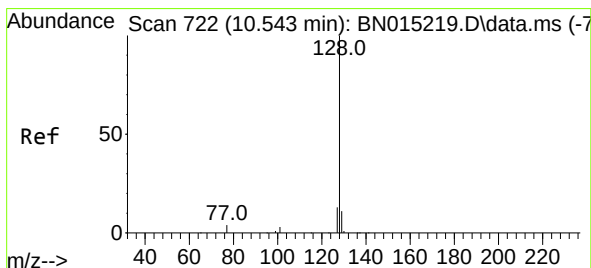
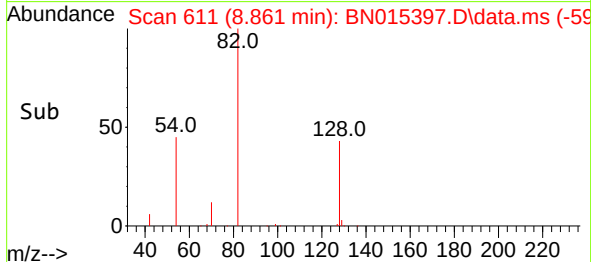
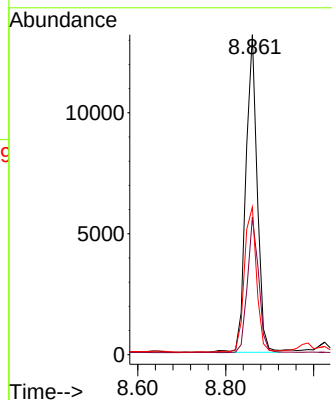
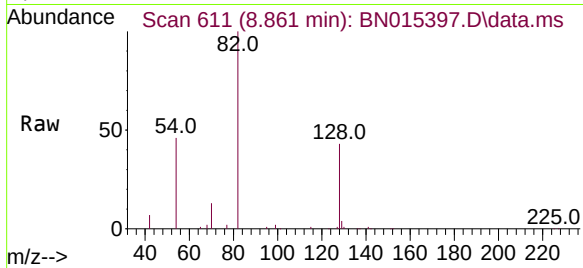




#8
Nitrobenzene-d5
Concen: 0.47 ng
RT: 8.861 min Scan# 611
Delta R.T. 0.000 min
Lab File: BN015397.D
Acq: 08 Jul 2021 07:09

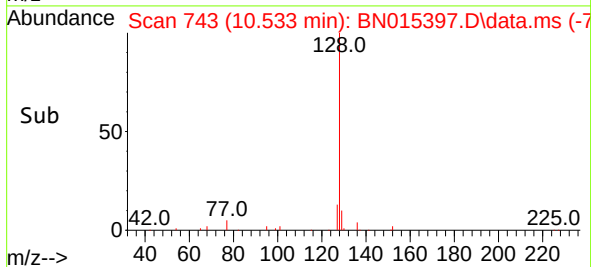
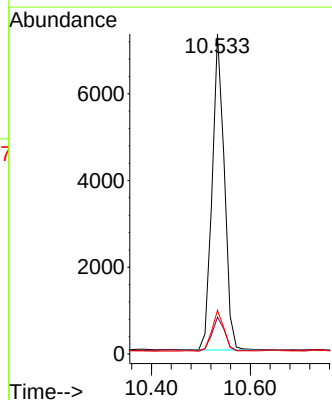
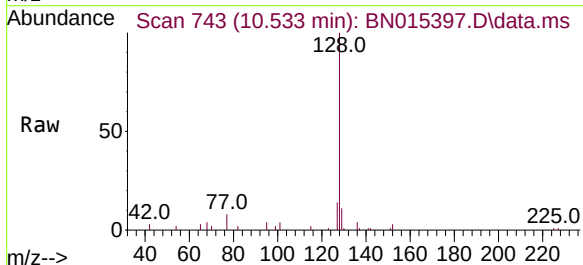
Instrument :
BNA_N
ClientSampleId :
GW-BR3-070621

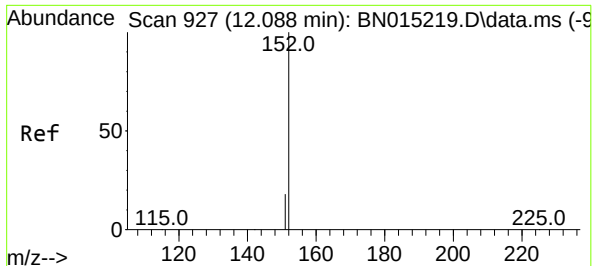
Tgt Ion: 82 Resp: 23454
Ion Ratio Lower Upper
82 100
128 42.9 31.6 47.4
54 46.2 29.0 43.4#



#9
Naphthalene
Concen: 0.05 ng
RT: 10.533 min Scan# 743
Delta R.T. 0.000 min
Lab File: BN015397.D
Acq: 08 Jul 2021 07:09

Tgt Ion: 128 Resp: 12443
Ion Ratio Lower Upper
128 100
129 11.5 9.1 13.7
127 13.6 11.8 17.6

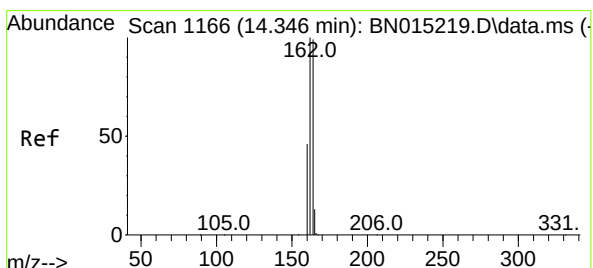
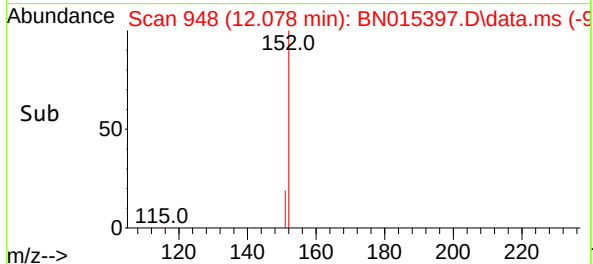
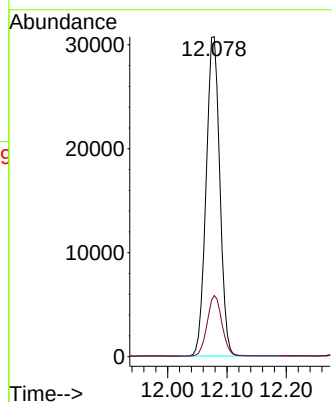
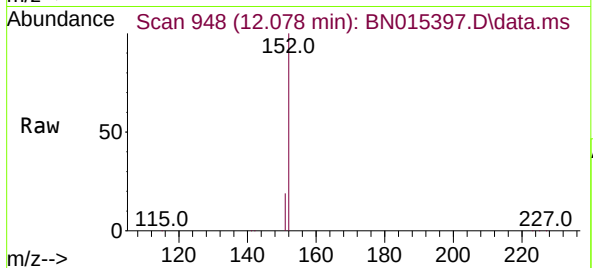




#11
2-Methylnaphthalene-d10
Concen: 0.33 ng
RT: 12.078 min Scan# 948
Delta R.T. 0.000 min
Lab File: BN015397.D
Acq: 08 Jul 2021 07:09

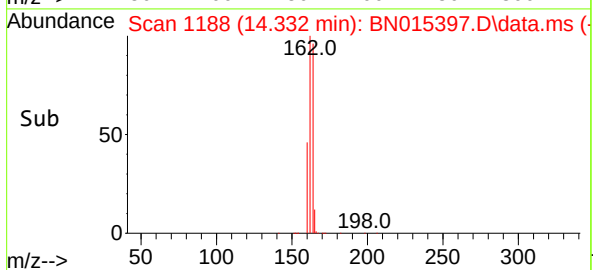
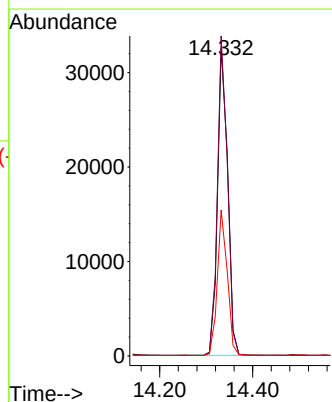
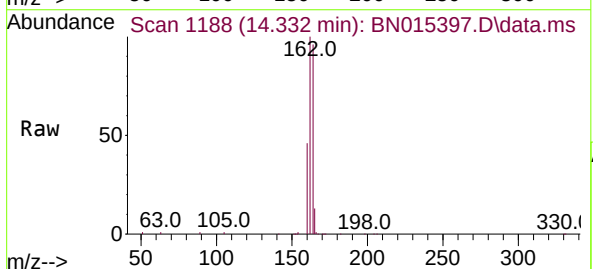
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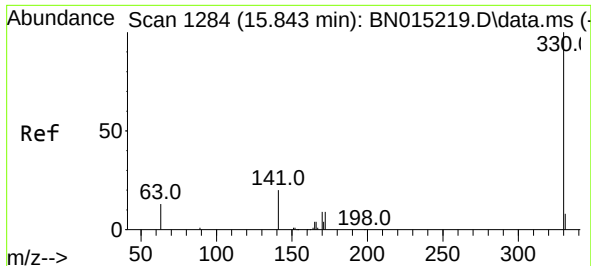
Tgt Ion:152 Resp: 49121
Ion Ratio Lower Upper
152 100
151 20.3 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.332 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BN015397.D
Acq: 08 Jul 2021 07:09

Tgt Ion:164 Resp: 49461
Ion Ratio Lower Upper
164 100
162 103.9 83.8 125.6
160 47.4 37.4 56.0

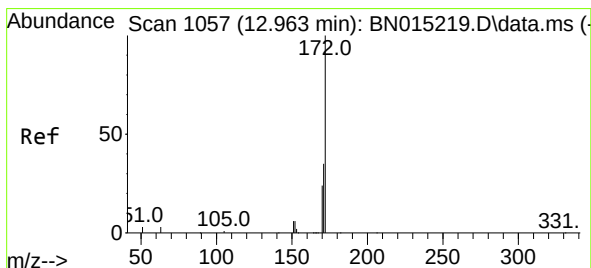
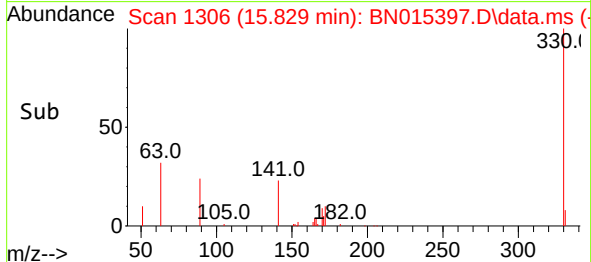
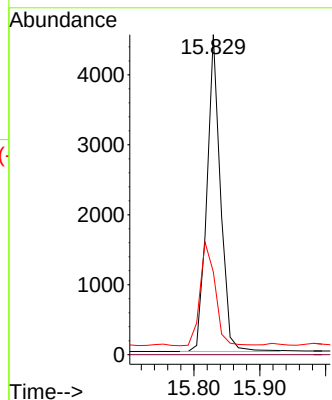
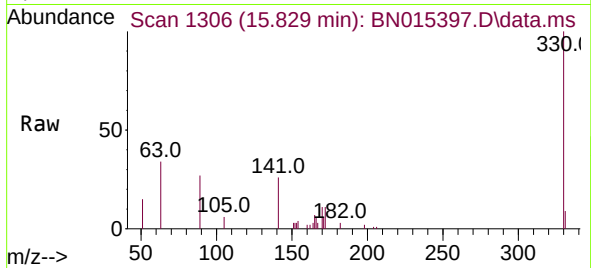




#14
2,4,6-Tribromophenol
Concen: 0.52 ng
RT: 15.829 min Scan# 1306
Delta R.T. 0.000 min
Lab File: BN015397.D
Acq: 08 Jul 2021 07:09

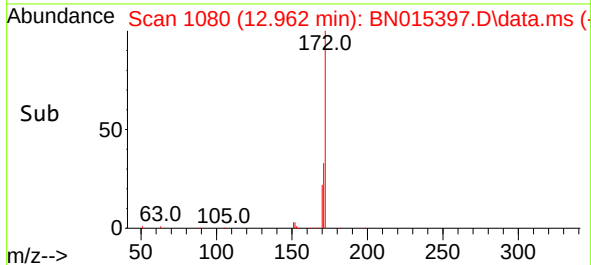
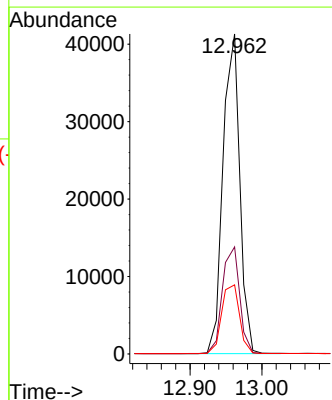
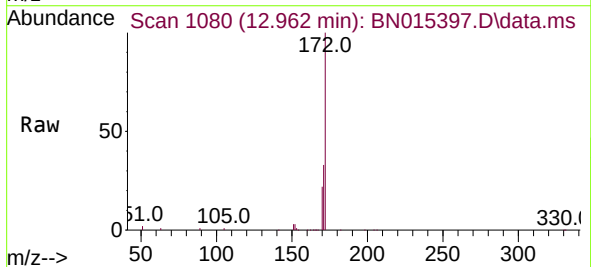
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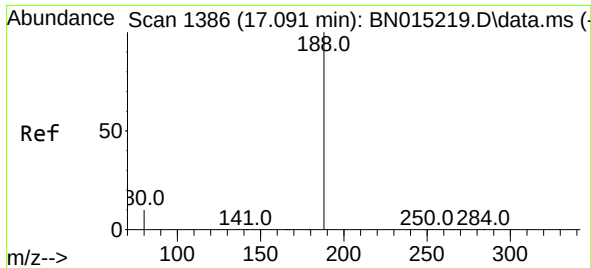
Tgt Ion:330 Resp: 6500
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 36.4 22.4 33.6#



#15
2-Fluorobiphenyl
Concen: 0.33 ng
RT: 12.962 min Scan# 1080
Delta R.T. 0.000 min
Lab File: BN015397.D
Acq: 08 Jul 2021 07:09

Tgt Ion:172 Resp: 66830
Ion Ratio Lower Upper
172 100
171 33.5 30.6 45.8
170 21.6 20.2 30.4

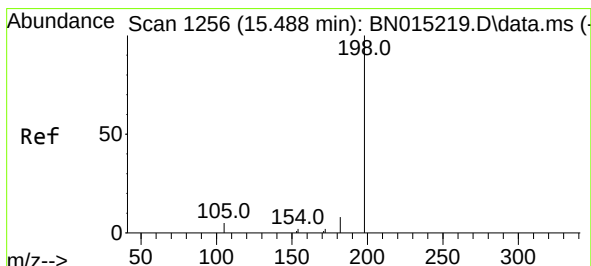
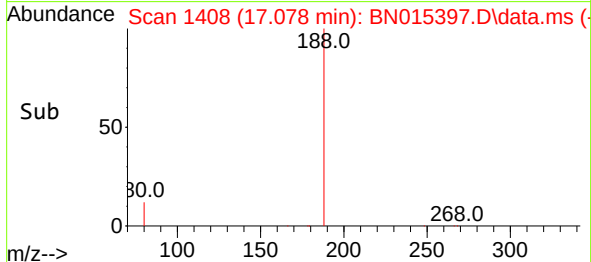
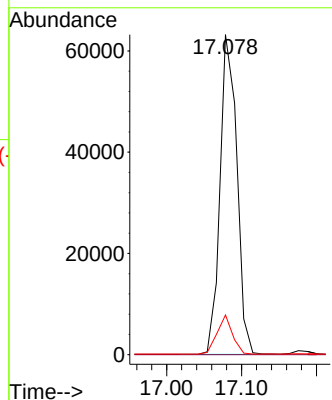
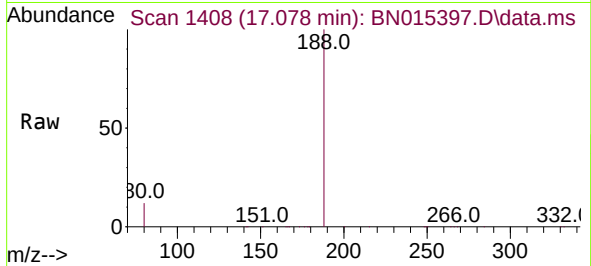




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.078 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BN015397.D
Acq: 08 Jul 2021 07:09

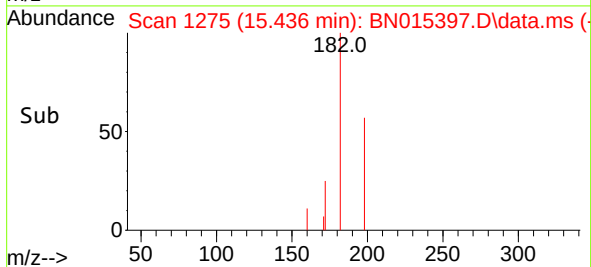
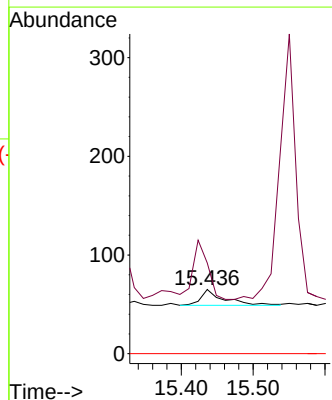
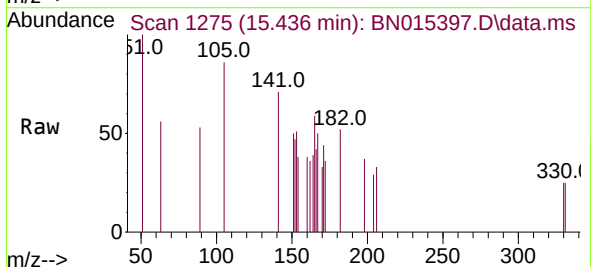
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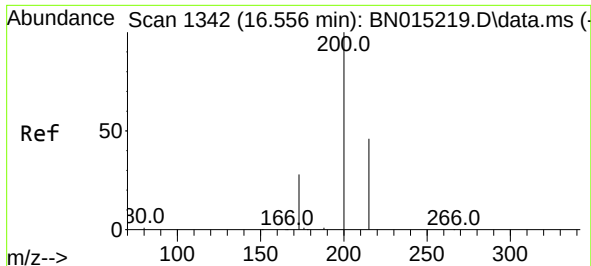
Tgt Ion:188 Resp: 98518
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.4 9.0 13.4



#20
4,6-Dinitro-2-methylphenol
Concen: 0.21 ng
RT: 15.436 min Scan# 1275
Delta R.T. -0.038 min
Lab File: BN015397.D
Acq: 08 Jul 2021 07:09

Tgt Ion:198 Resp: 37
Ion Ratio Lower Upper
198 100
182 141.5 34.5 51.7#
77 0.0 0.0 0.0

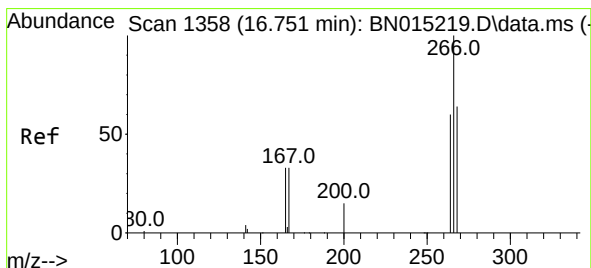
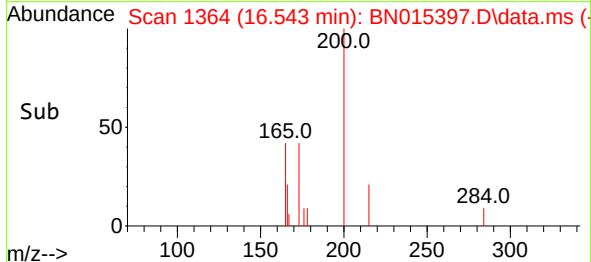
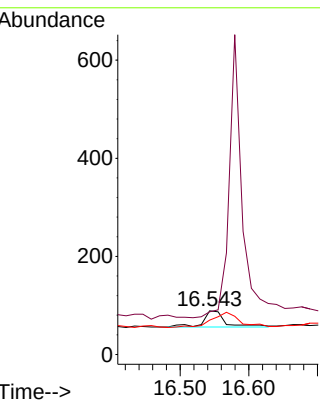
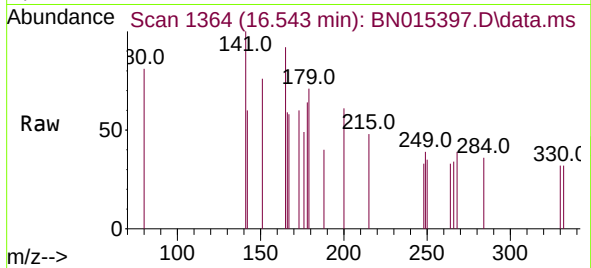




#23
Atrazine
Concen: 0.17 ng
RT: 16.543 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BN015397.D
Acq: 08 Jul 2021 07:09

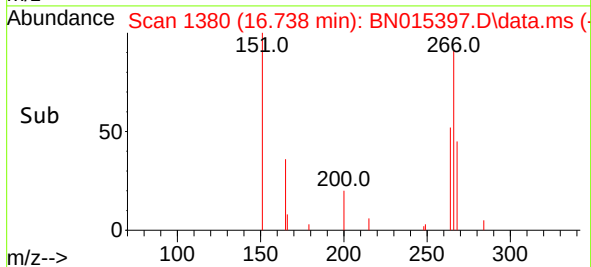
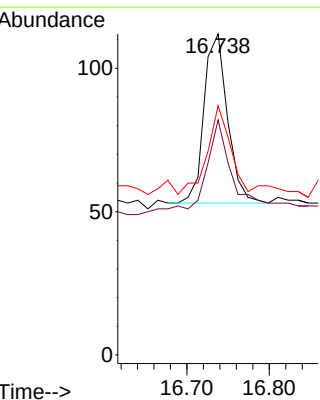
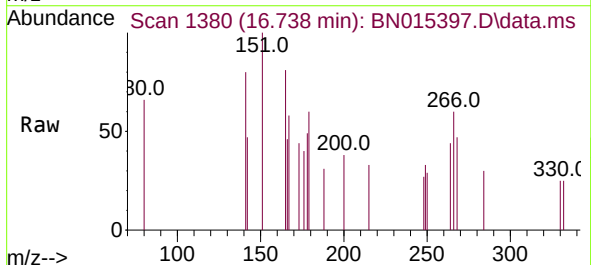
Instrument :
BNA_N
ClientSampleId :
GW-BR3-070621

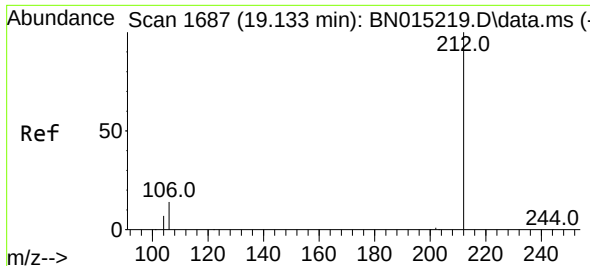
Tgt Ion:200 Resp: 74
Ion Ratio Lower Upper
200 100
173 97.8 21.7 32.5#
215 78.7 43.1 64.7#



#24
Pentachlorophenol
Concen: 0.25 ng
RT: 16.738 min Scan# 1380
Delta R.T. 0.000 min
Lab File: BN015397.D
Acq: 08 Jul 2021 07:09

Tgt Ion:266 Resp: 117
Ion Ratio Lower Upper
266 100
264 56.4 51.0 76.4
268 53.0 50.6 76.0

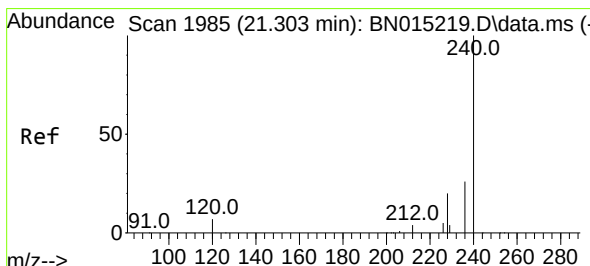
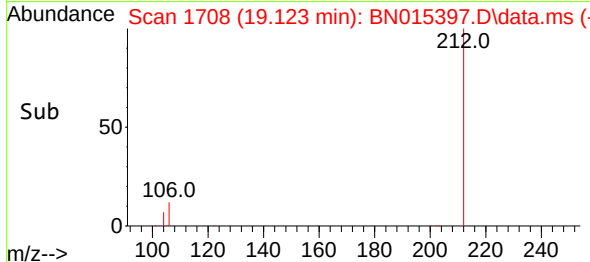
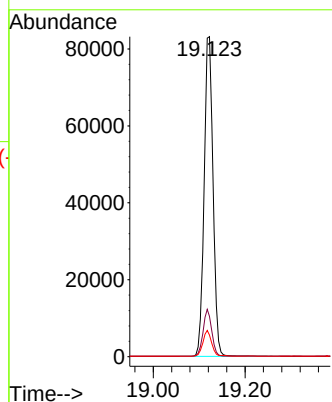
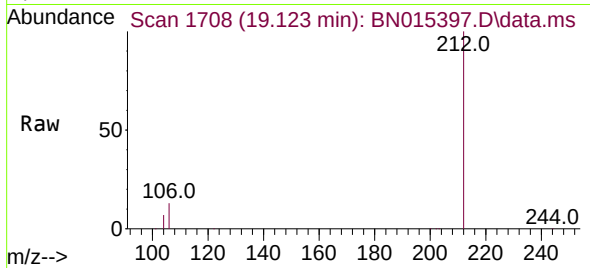




#27
Fluoranthene-d10
Concen: 0.38 ng
RT: 19.123 min Scan# 1708
Delta R.T. 0.000 min
Lab File: BN015397.D
Acq: 08 Jul 2021 07:09

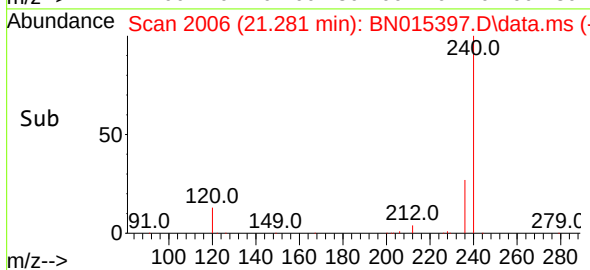
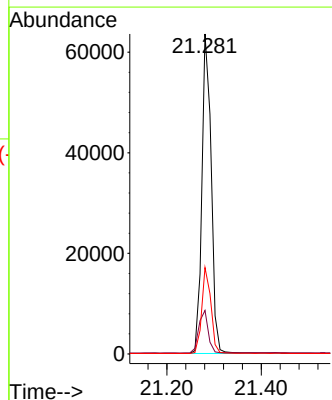
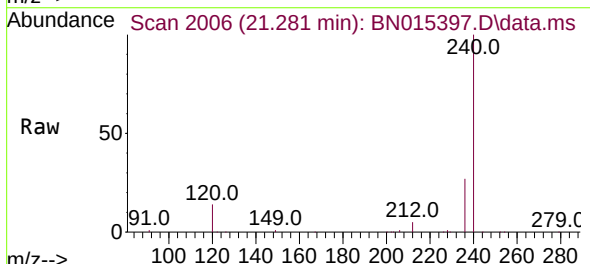
Instrument :
BNA_N
ClientSampleId :
GW-BR3-070621

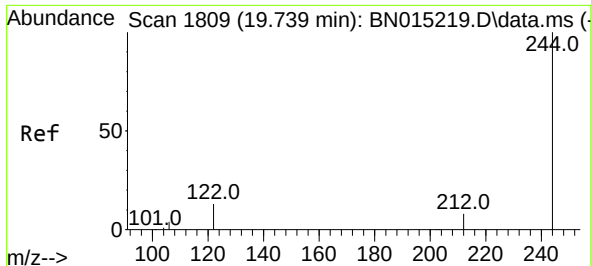
Tgt Ion:212 Resp: 111742
Ion Ratio Lower Upper
212 100
106 14.1 7.0 10.6#
104 8.0 4.1 6.1#



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.281 min Scan# 2006
Delta R.T. -0.010 min
Lab File: BN015397.D
Acq: 08 Jul 2021 07:09

Tgt Ion:240 Resp: 87433
Ion Ratio Lower Upper
240 100
120 13.6 4.2 6.4#
236 27.0 21.4 32.2

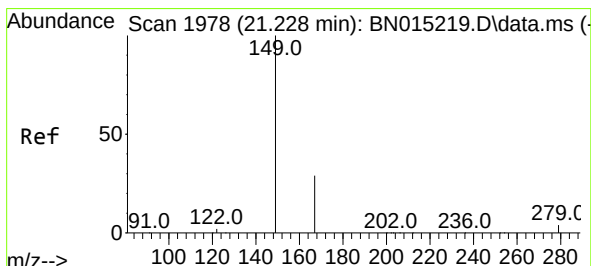
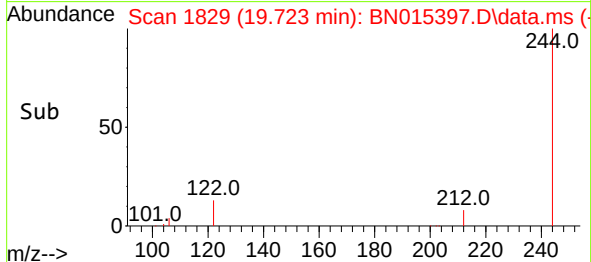
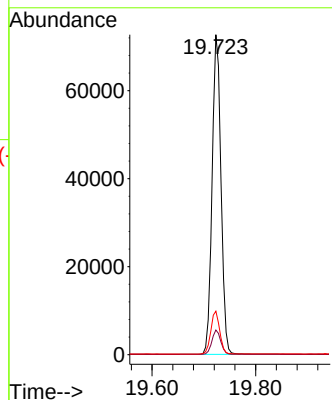
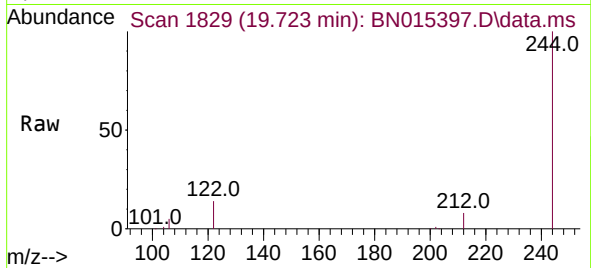




#31
Terphenyl-d14
Concen: 0.42 ng
RT: 19.723 min Scan# 1829
Delta R.T. -0.005 min
Lab File: BN015397.D
Acq: 08 Jul 2021 07:09

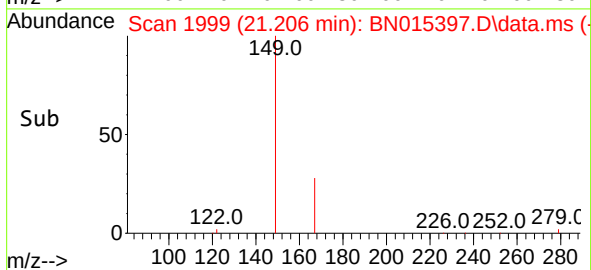
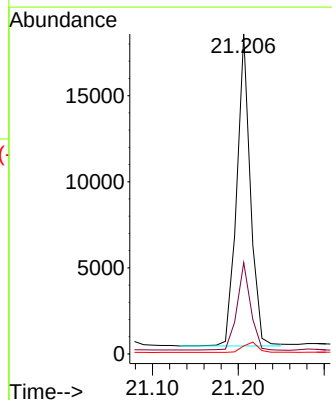
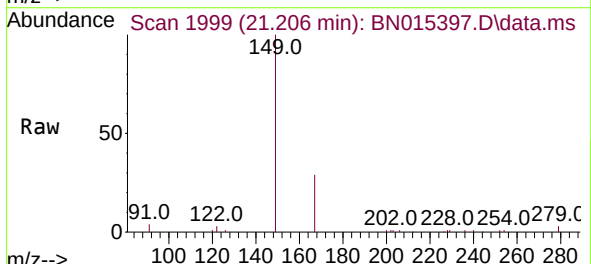
Instrument :
BNA_N
ClientSampleId :
GW-BR3-070621

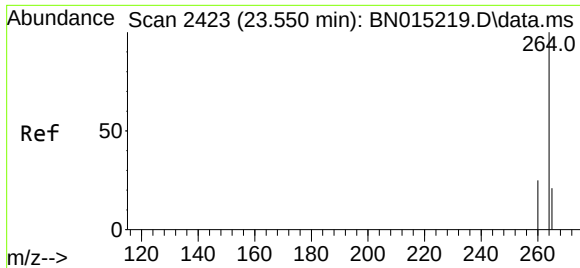
Tgt Ion:244 Resp: 86697
Ion Ratio Lower Upper
244 100
212 7.7 6.3 9.5
122 13.6 6.2 9.2#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.34 ng
RT: 21.206 min Scan# 1999
Delta R.T. 0.000 min
Lab File: BN015397.D
Acq: 08 Jul 2021 07:09

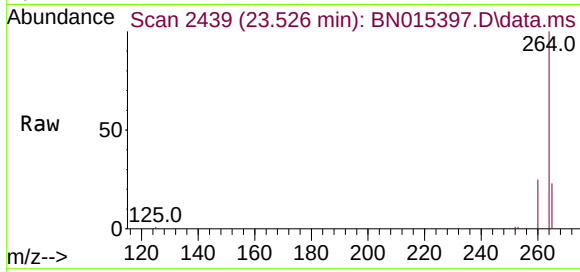
Tgt Ion:149 Resp: 19970
Ion Ratio Lower Upper
149 100
167 27.7 28.9 43.3#
279 3.6 4.9 7.3#





#35
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.526 min Scan# 2439
 Delta R.T. -0.003 min
 Lab File: BN015397.D
 Acq: 08 Jul 2021 07:09

Instrument :
 BNA_N
 ClientSampleId :
 GW-BR3-070621



Tgt Ion:264 Resp: 84646

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.6	31.0
265	22.6	21.4	32.2

