

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090222\
 Data File : BN021588.D
 Acq On : 03 Sep 2022 09:20
 Operator : CG/JU
 Sample : N4471-15
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-06-1.5-11.5-083122

Quant Time: Sep 05 02:37:29 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 00:53:31 2022
 Response via : Initial Calibration

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

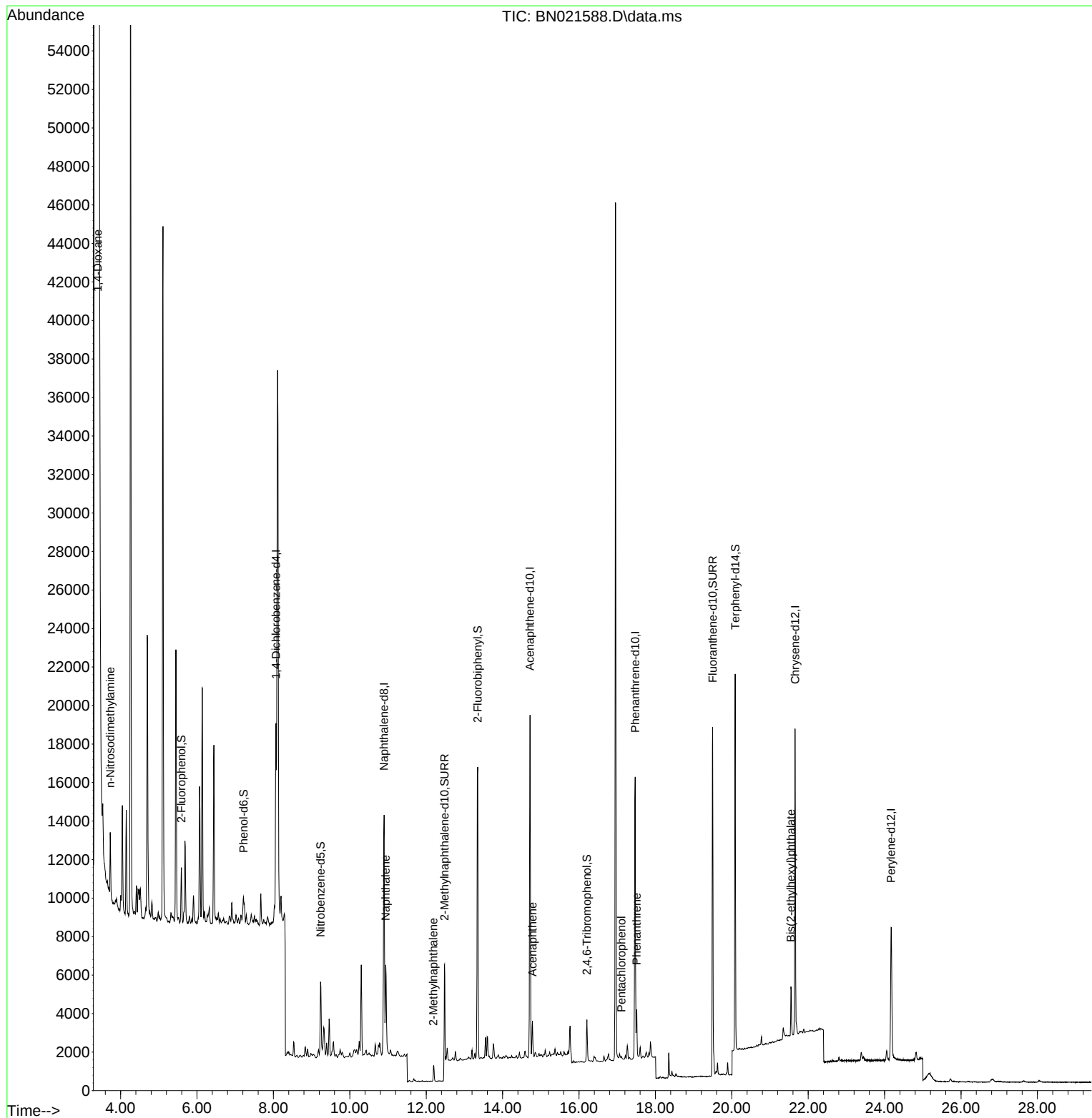
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	5090	0.400	ng	0.00
7) Naphthalene-d8	10.898	136	17070	0.400	ng	# 0.00
13) Acenaphthene-d10	14.718	164	9729	0.400	ng	0.00
19) Phenanthrene-d10	17.470	188	20845	0.400	ng	0.00
29) Chrysene-d12	21.655	240	14613	0.400	ng	# 0.00
35) Perylene-d12	24.170	264	10770	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.592	112	1757	0.176	ng	0.00
5) Phenol-d6	7.217	99	1295	0.102	ng	0.00
8) Nitrobenzene-d5	9.233	82	3502	0.304	ng	-0.01
11) 2-Methylnaphthalene-d10	12.478	152	12250	0.318	ng	0.00
14) 2,4,6-Tribromophenol	16.208	330	1257	0.394	ng	-0.01
15) 2-Fluorobiphenyl	13.349	172	14506	0.341	ng	0.00
27) Fluoranthene-d10	19.497	212	19475	0.363	ng	0.00
31) Terphenyl-d14	20.088	244	16169	0.492	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.403	88	6112	0.960	ng	# 76
3) n-Nitrosodimethylamine	3.728	42	315	0.055	ng	# 1
9) Naphthalene	10.941	128	5350	0.106	ng	97
12) 2-Methylnaphthalene	12.187	142	7	0.128	ng	# 1
17) Acenaphthene	14.782	154	940	0.029	ng	98
24) Pentachlorophenol	17.111	266	42	0.211	ng	96
25) Phenanthrene	17.511	178	2455	0.034	ng	99
34) Bis(2-ethylhexyl)phtha...	21.548	149	2782	0.136	ng	# 96

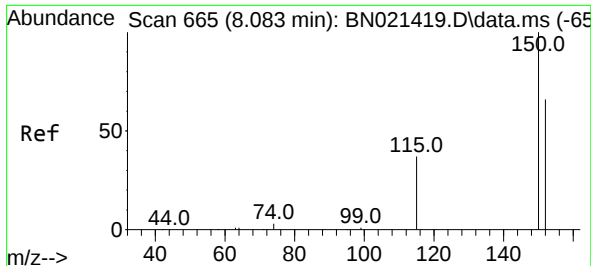
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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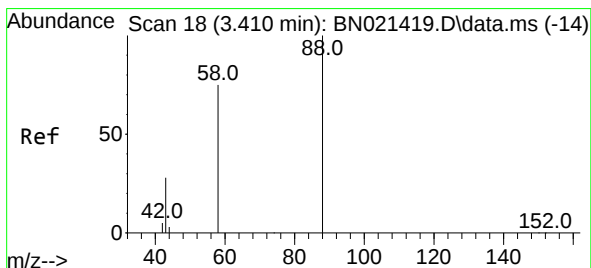
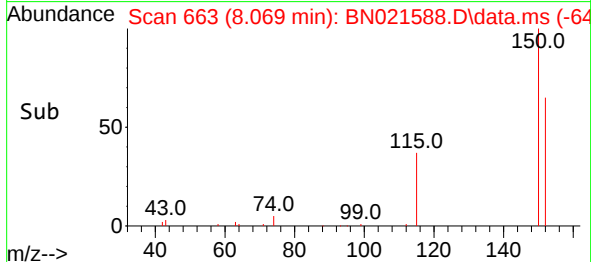
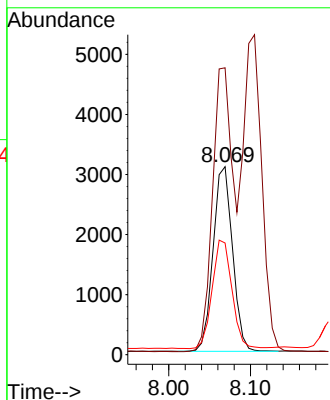
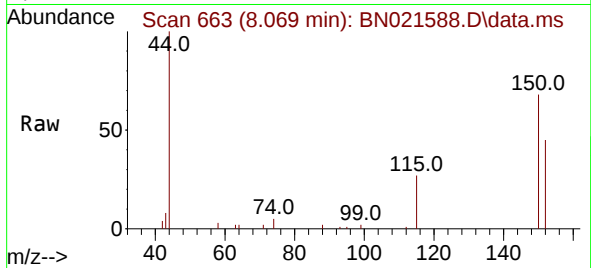




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.069 min Scan# 6
 Delta R.T. -0.000 min
 Lab File: BN021588.D
 Acq: 03 Sep 2022 09:20

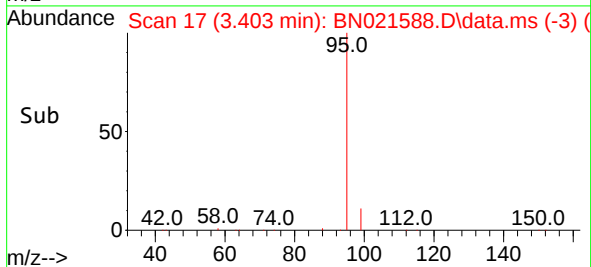
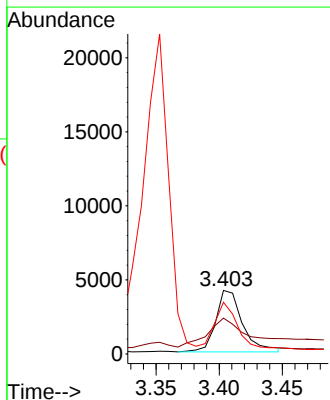
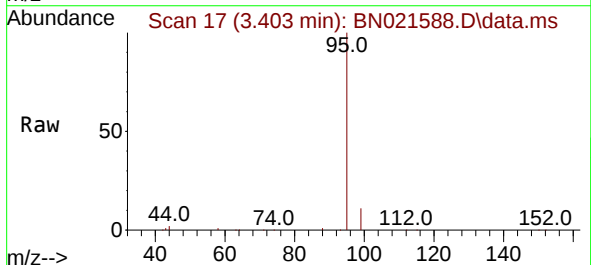
Instrument :
 BNA_N
 ClientSampleId :
 MW-06-1.5-11.5-083122

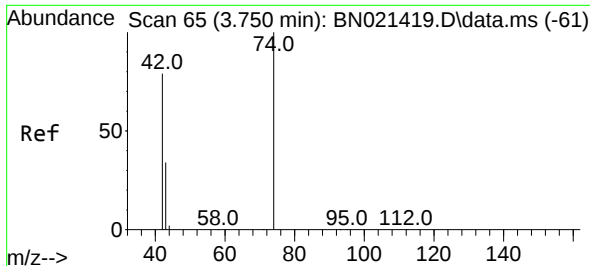
Tgt Ion:152 Resp: 5090
 Ion Ratio Lower Upper
 152 100
 150 152.6 121.4 182.0
 115 59.4 48.6 72.8



#2
 1,4-Dioxane
 Concen: 0.960 ng
 RT: 3.403 min Scan# 17
 Delta R.T. 0.000 min
 Lab File: BN021588.D
 Acq: 03 Sep 2022 09:20

Tgt Ion: 88 Resp: 6112
 Ion Ratio Lower Upper
 88 100
 43 69.5 35.8 53.8#
 58 59.3 57.1 85.7

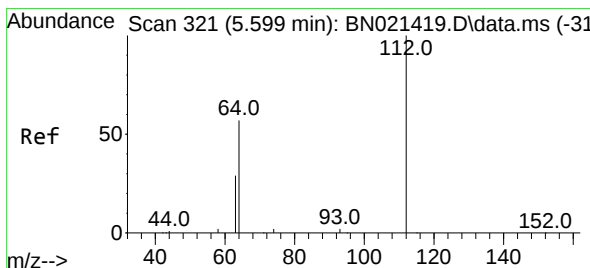
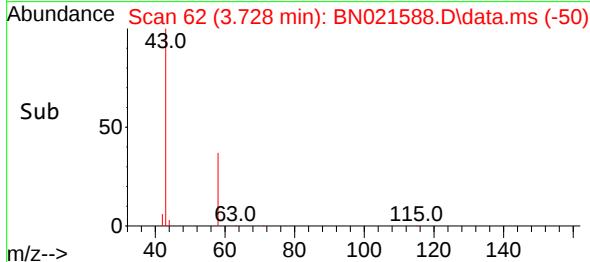
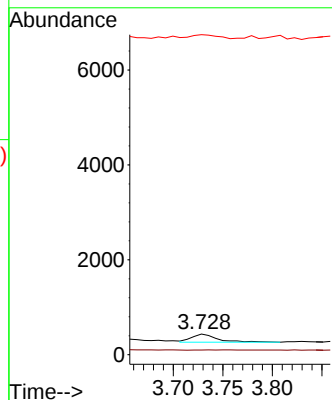
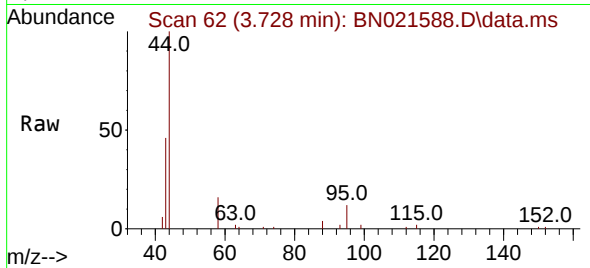




#3
n-Nitrosodimethylamine
Concen: 0.055 ng
RT: 3.728 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN021588.D
Acq: 03 Sep 2022 09:20

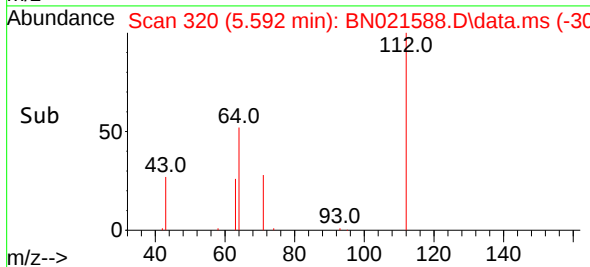
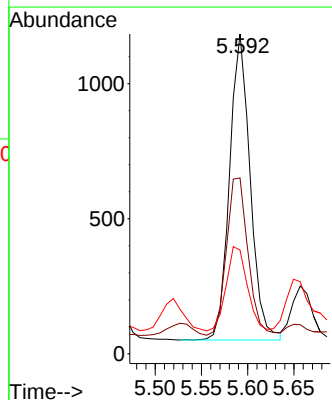
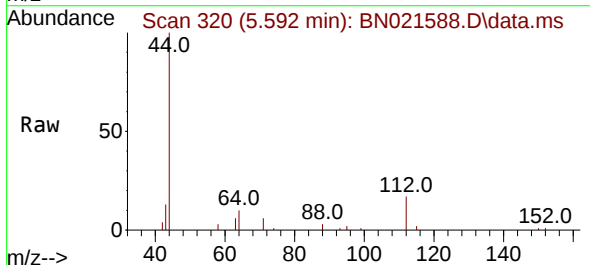
Instrument :
BNA_N
ClientSampleId :
MW-06-1.5-11.5-083122

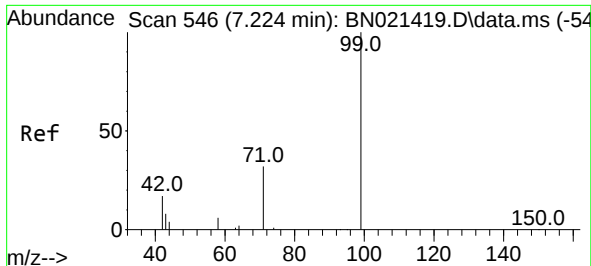
Tgt Ion: 42 Resp: 315
Ion Ratio Lower Upper
42 100
74 0.0 113.0 169.6#
44 48.6 10.5 15.7#



#4
2-Fluorophenol
Concen: 0.176 ng
RT: 5.592 min Scan# 320
Delta R.T. 0.000 min
Lab File: BN021588.D
Acq: 03 Sep 2022 09:20

Tgt Ion: 112 Resp: 1757
Ion Ratio Lower Upper
112 100
64 53.6 43.5 65.3
63 28.0 22.6 34.0

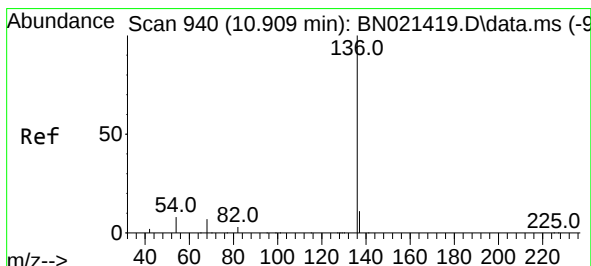
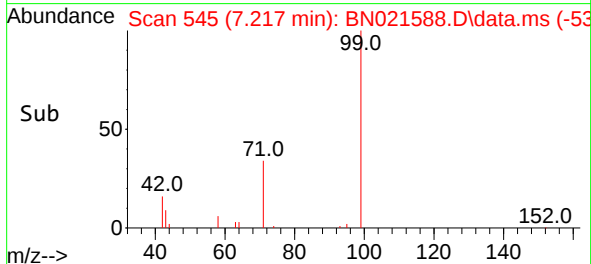
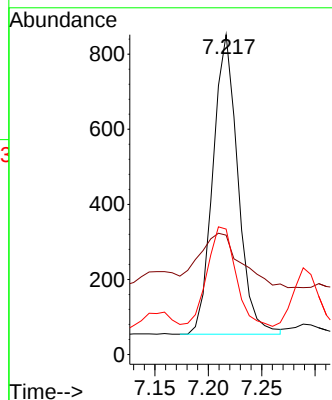
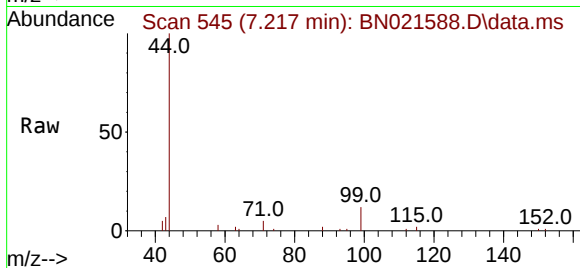




#5
Phenol-d6
Concen: 0.102 ng
RT: 7.217 min Scan# 546
Delta R.T. 0.000 min
Lab File: BN021588.D
Acq: 03 Sep 2022 09:20

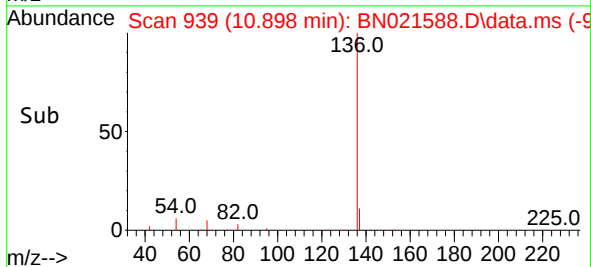
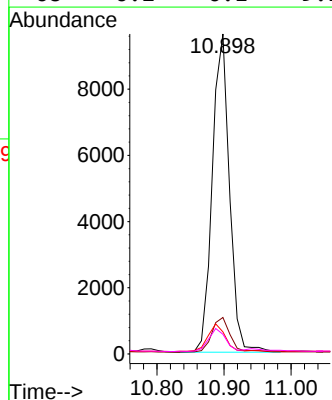
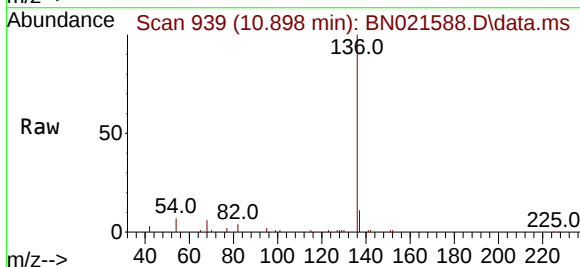
Instrument :
BNA_N
ClientSampleId :
MW-06-1.5-11.5-083122

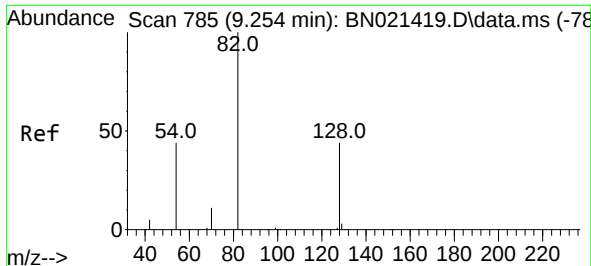
Tgt Ion: 99 Resp: 1295
Ion Ratio Lower Upper
99 100
42 30.4 15.5 23.3#
71 38.6 24.2 36.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.898 min Scan# 939
Delta R.T. 0.000 min
Lab File: BN021588.D
Acq: 03 Sep 2022 09:20

Tgt Ion: 136 Resp: 17070
Ion Ratio Lower Upper
136 100
137 11.4 9.3 13.9
54 6.9 6.9 10.3#
68 6.2 6.1 9.1

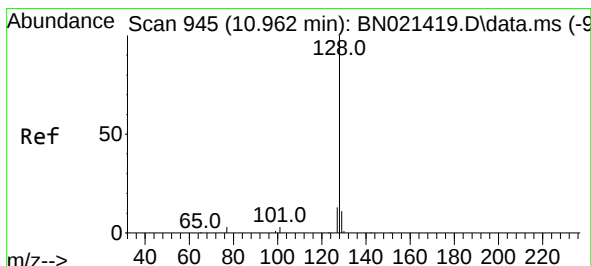
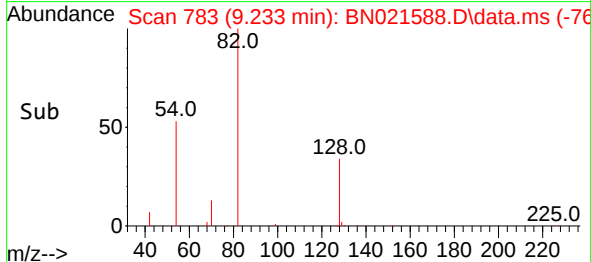
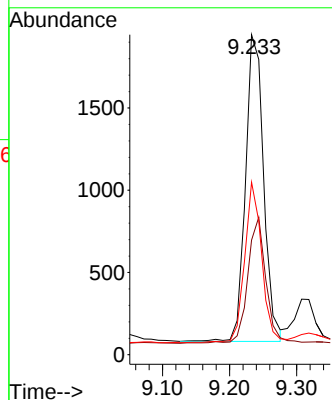
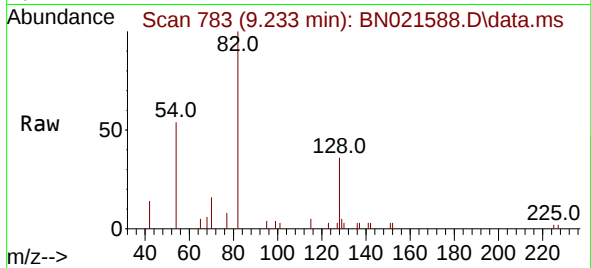




#8
Nitrobenzene-d5
Concen: 0.304 ng
RT: 9.233 min Scan# 783
Delta R.T. -0.011 min
Lab File: BN021588.D
Acq: 03 Sep 2022 09:20

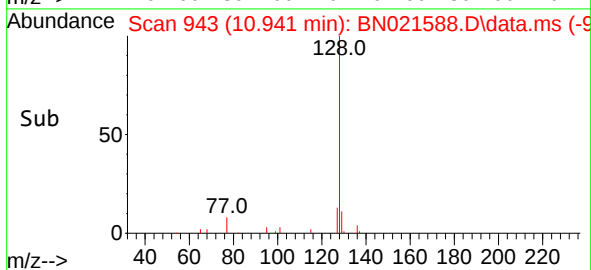
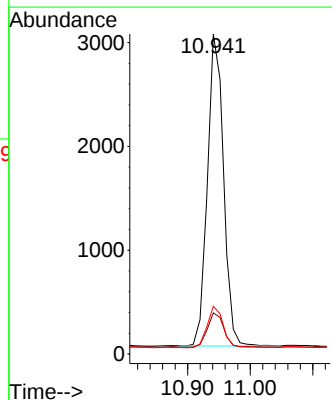
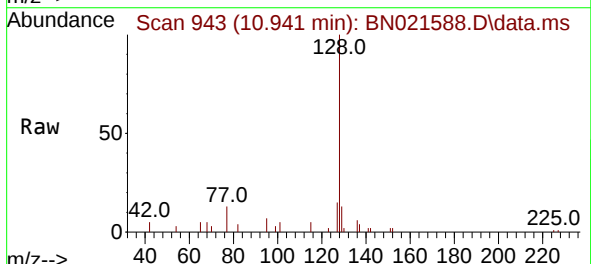
Instrument :
BNA_N
ClientSampleId :
MW-06-1.5-11.5-083122

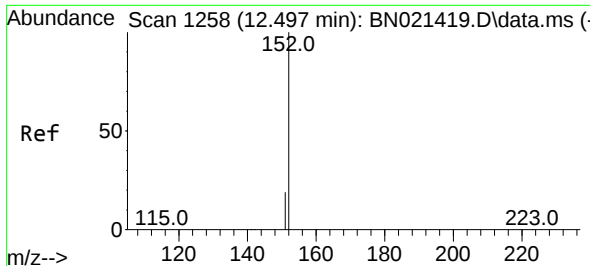
Tgt Ion: 82 Resp: 3502
Ion Ratio Lower Upper
82 100
128 35.8 30.9 46.3
54 53.9 42.7 64.1



#9
Naphthalene
Concen: 0.106 ng
RT: 10.941 min Scan# 943
Delta R.T. -0.011 min
Lab File: BN021588.D
Acq: 03 Sep 2022 09:20

Tgt Ion: 128 Resp: 5350
Ion Ratio Lower Upper
128 100
129 12.8 9.3 13.9
127 14.9 11.0 16.4

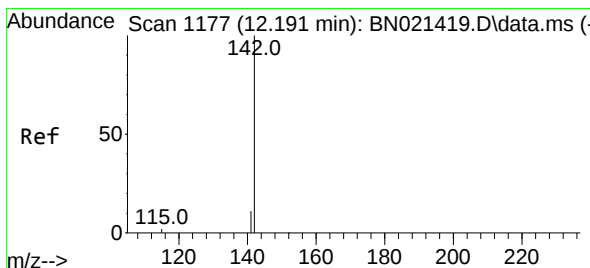
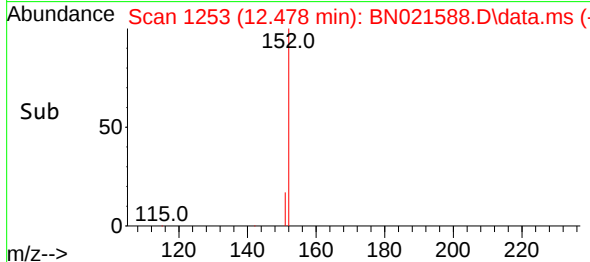
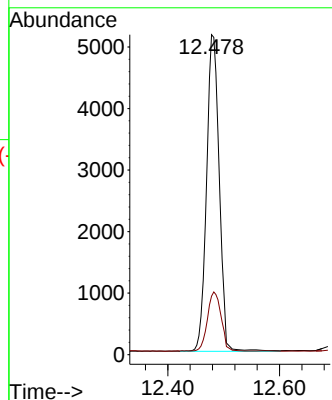
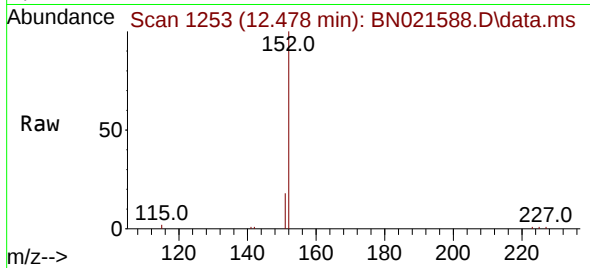




#11
2-Methylnaphthalene-d10
Concen: 0.318 ng
RT: 12.478 min Scan# 1176
Delta R.T. -0.007 min
Lab File: BN021588.D
Acq: 03 Sep 2022 09:20

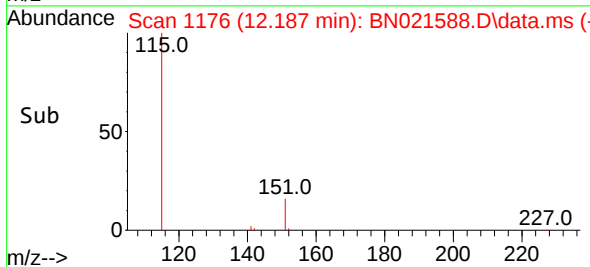
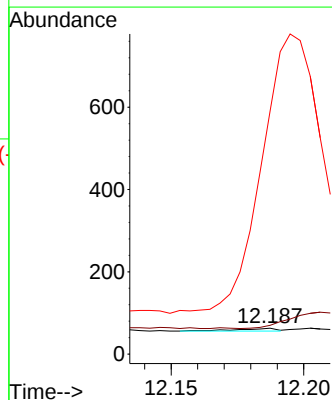
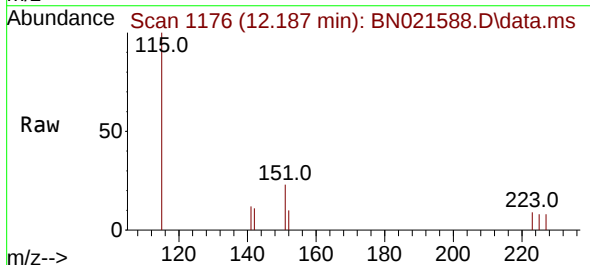
Instrument :
BNA_N
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MW-06-1.5-11.5-083122

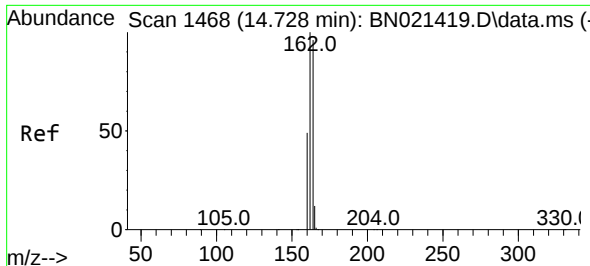
Tgt Ion:152 Resp: 12250
Ion Ratio Lower Upper
152 100
151 18.2 14.5 21.7



#12
2-Methylnaphthalene
Concen: 0.128 ng
RT: 12.187 min Scan# 1176
Delta R.T. 0.004 min
Lab File: BN021588.D
Acq: 03 Sep 2022 09:20

Tgt Ion:142 Resp: 7
Ion Ratio Lower Upper
142 100
141 111.1 12.2 18.2#
115 938.1 7.9 11.9#

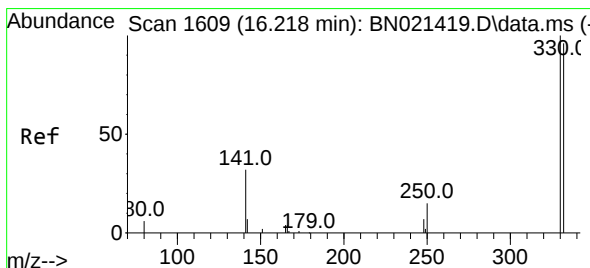
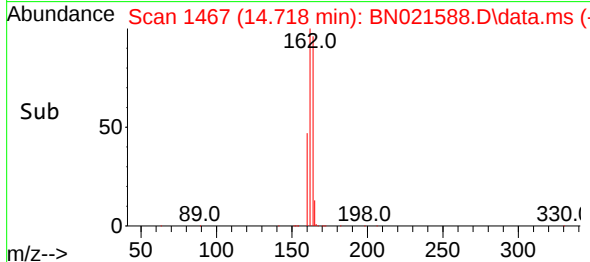
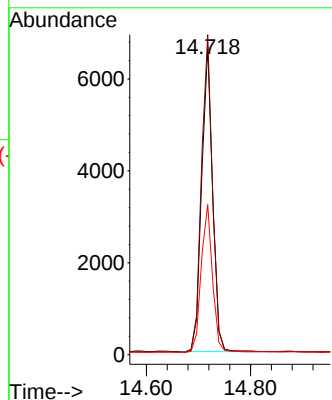
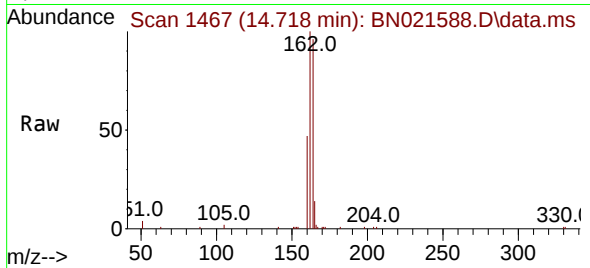




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.718 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN021588.D
Acq: 03 Sep 2022 09:20

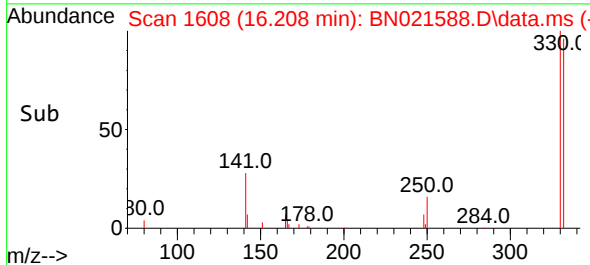
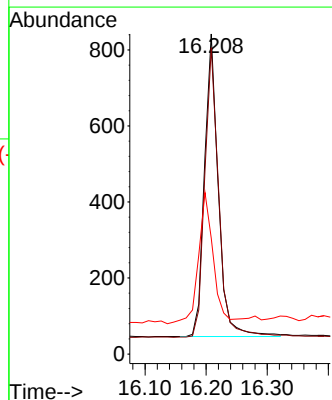
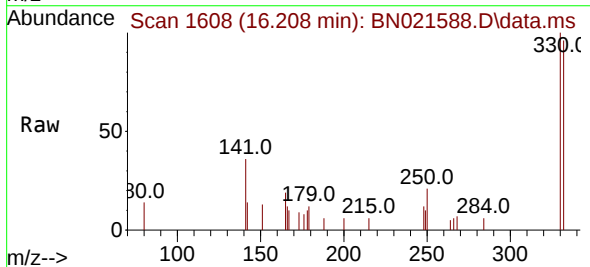
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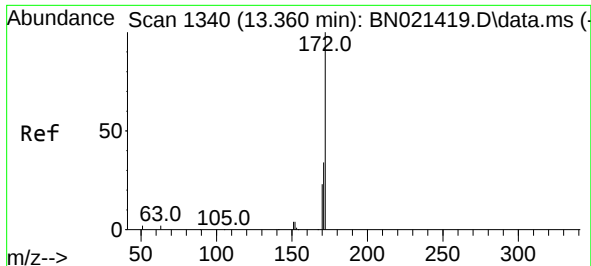
Tgt Ion:164	Resp:	9729
Ion	Ratio	Lower Upper
164	100	
162	103.7	82.2 123.4
160	48.7	39.5 59.3



#14
2,4,6-Tribromophenol
Concen: 0.394 ng
RT: 16.208 min Scan# 1608
Delta R.T. -0.010 min
Lab File: BN021588.D
Acq: 03 Sep 2022 09:20

Tgt Ion:330	Resp:	1257
Ion	Ratio	Lower Upper
330	100	
332	97.3	79.3 118.9
141	46.1	37.1 55.7

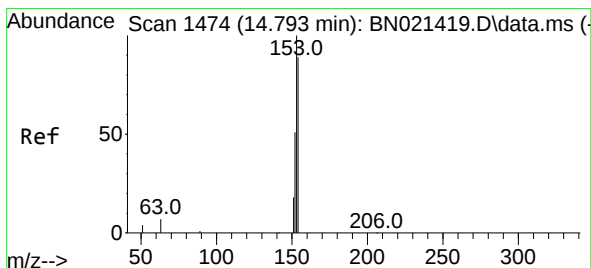
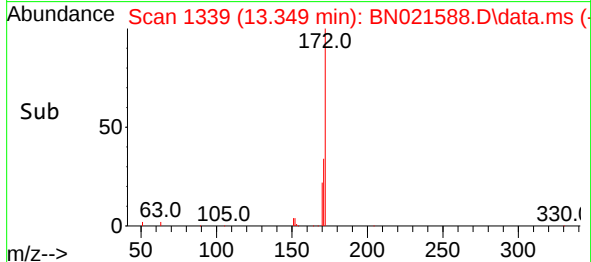
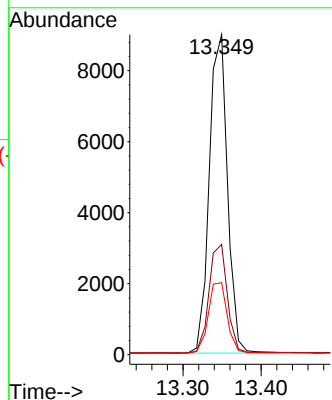
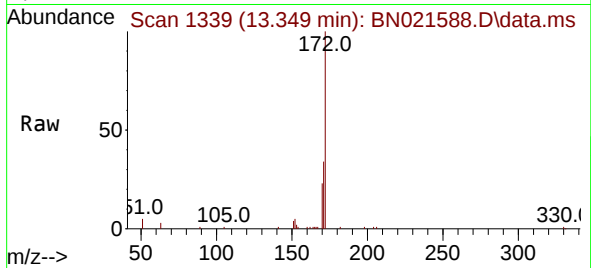




#15
2-Fluorobiphenyl
Concen: 0.341 ng
RT: 13.349 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN021588.D
Acq: 03 Sep 2022 09:20

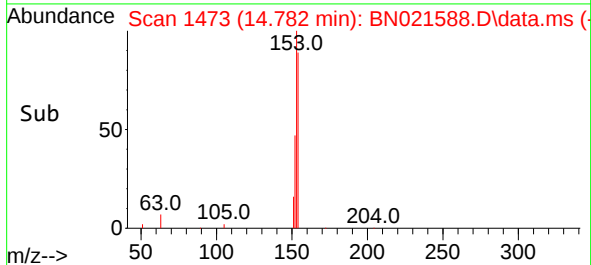
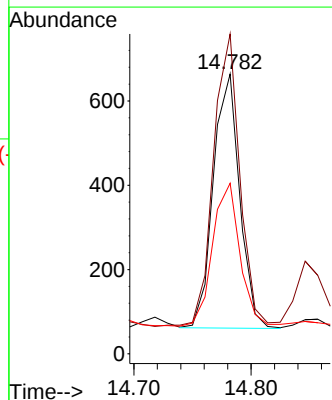
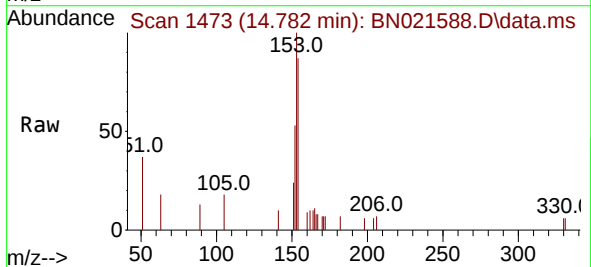
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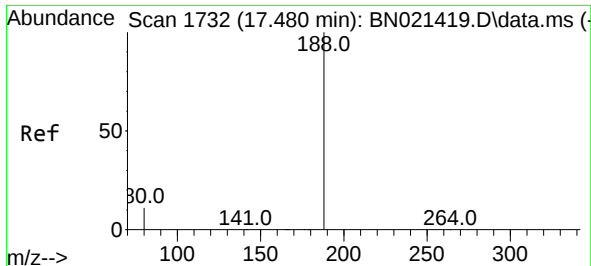
Tgt Ion:172 Resp: 14506
Ion Ratio Lower Upper
172 100
171 34.4 27.8 41.6
170 22.5 18.6 28.0



#17
Acenaphthene
Concen: 0.029 ng
RT: 14.782 min Scan# 1473
Delta R.T. 0.000 min
Lab File: BN021588.D
Acq: 03 Sep 2022 09:20

Tgt Ion:154 Resp: 940
Ion Ratio Lower Upper
154 100
153 114.9 89.5 134.3
152 57.7 45.5 68.3

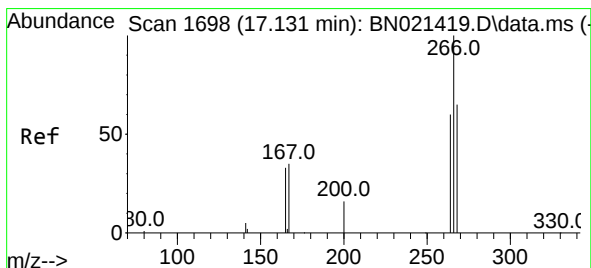
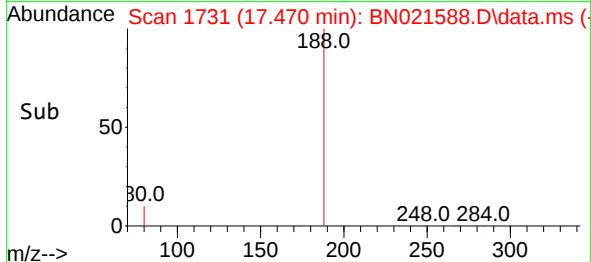
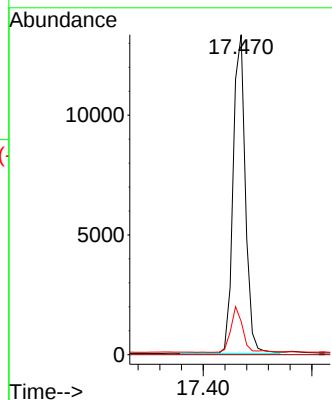
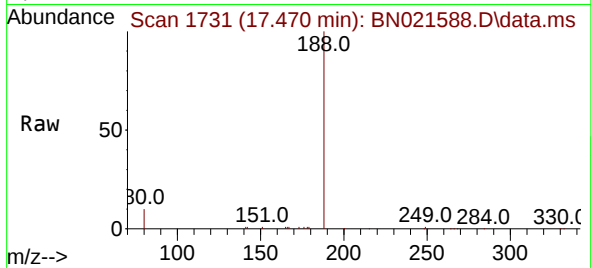




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.470 min Scan# 1731
Delta R.T. 0.000 min
Lab File: BN021588.D
Acq: 03 Sep 2022 09:20

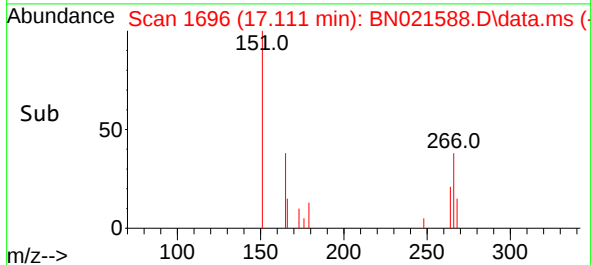
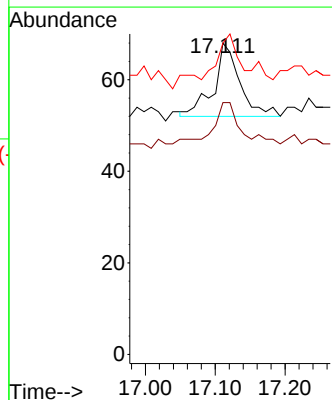
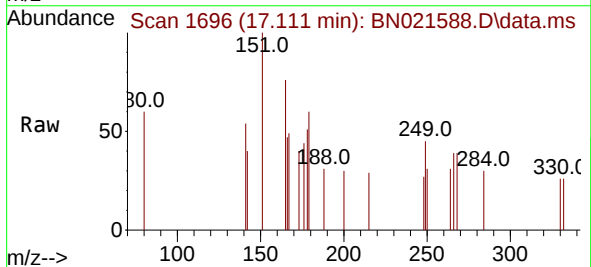
Instrument :
BNA_N
ClientSampleId :
MW-06-1.5-11.5-083122

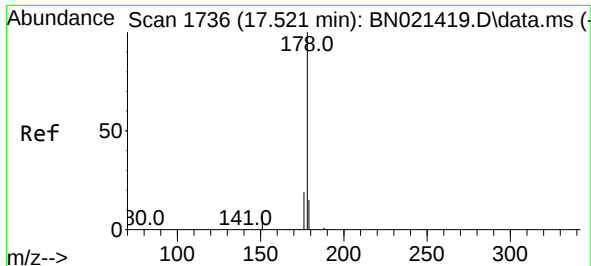
Tgt Ion:188 Resp: 20845
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.4 9.5 14.3



#24
Pentachlorophenol
Concen: 0.211 ng
RT: 17.111 min Scan# 1696
Delta R.T. -0.010 min
Lab File: BN021588.D
Acq: 03 Sep 2022 09:20

Tgt Ion:266 Resp: 42
Ion Ratio Lower Upper
266 100
264 57.1 49.0 73.6
268 61.9 50.9 76.3

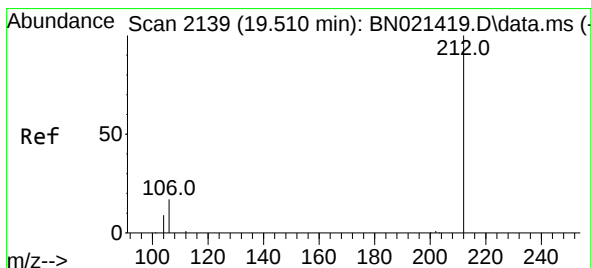
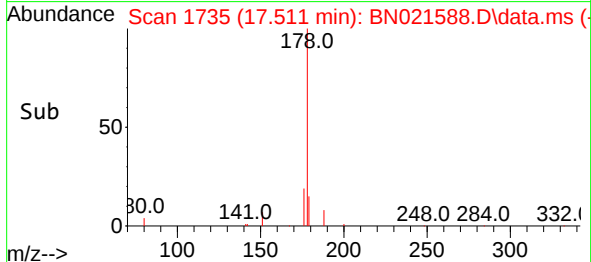
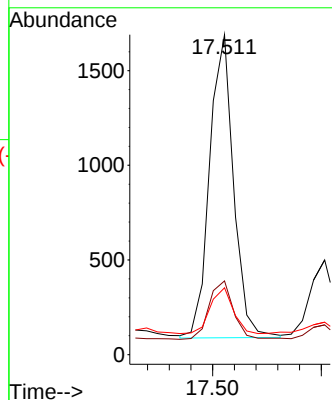
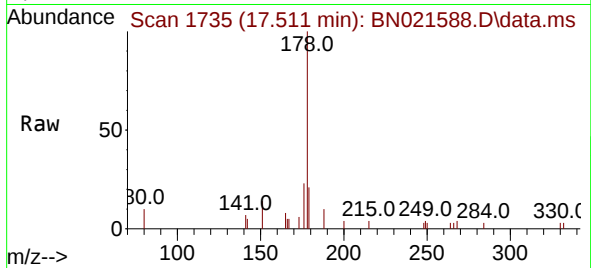




#25
Phenanthrene
Concen: 0.034 ng
RT: 17.511 min Scan# 1735
Delta R.T. 0.000 min
Lab File: BN021588.D
Acq: 03 Sep 2022 09:20

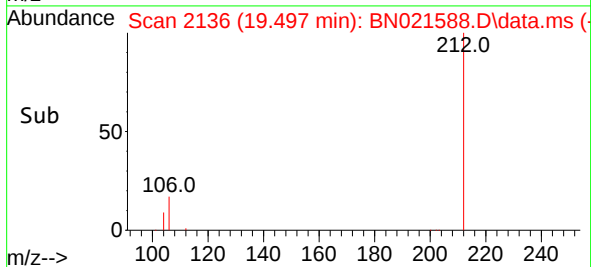
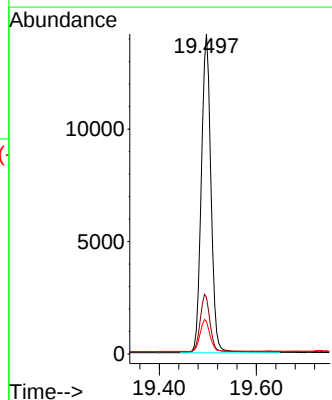
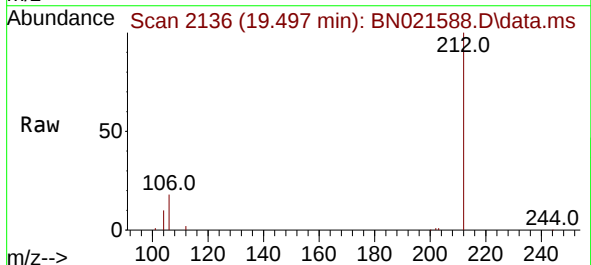
Instrument :
BNA_N
ClientSampleId :
MW-06-1.5-11.5-083122

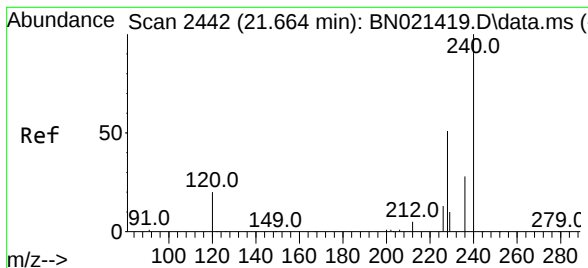
Tgt Ion:	178	Resp:	2455
Ion Ratio	Lower	Upper	
178	100		
176	19.6	15.4	23.2
179	14.7	12.2	18.4



#27
Fluoranthene-d10
Concen: 0.363 ng
RT: 19.497 min Scan# 2136
Delta R.T. -0.004 min
Lab File: BN021588.D
Acq: 03 Sep 2022 09:20

Tgt Ion:	212	Resp:	19475
Ion Ratio	Lower	Upper	
212	100		
106	18.1	14.2	21.2
104	10.2	7.8	11.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.655 min Scan# 2441

Delta R.T. -0.009 min

Lab File: BN021588.D

Acq: 03 Sep 2022 09:20

Instrument :

BNA_N

ClientSampleId :

MW-06-1.5-11.5-083122

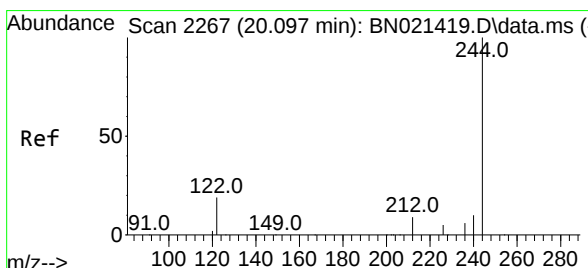
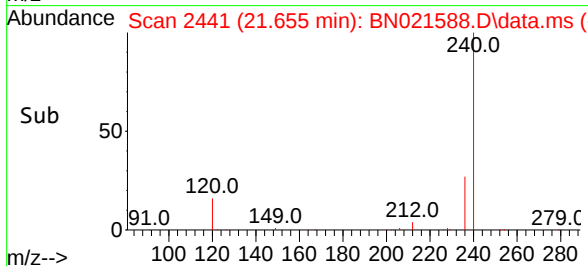
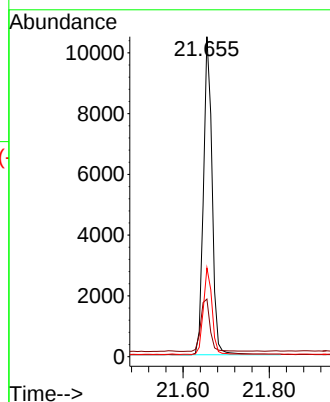
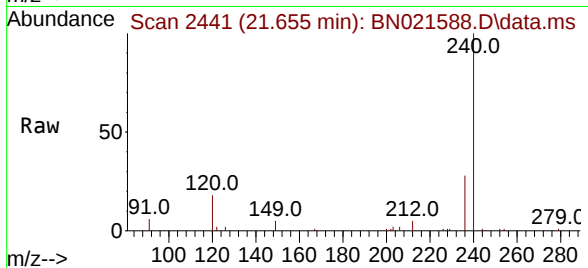
Tgt Ion:240 Resp: 14613

Ion Ratio Lower Upper

240 100

120 18.0 10.2 15.4#

236 27.8 22.1 33.1



#31

Terphenyl-d14

Concen: 0.492 ng

RT: 20.088 min Scan# 2266

Delta R.T. -0.009 min

Lab File: BN021588.D

Acq: 03 Sep 2022 09:20

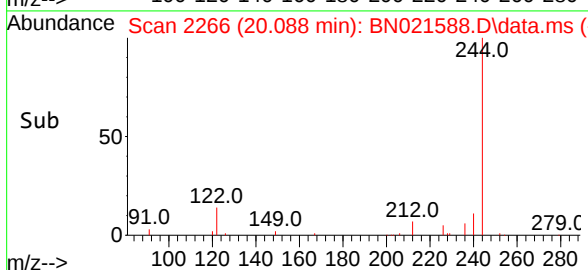
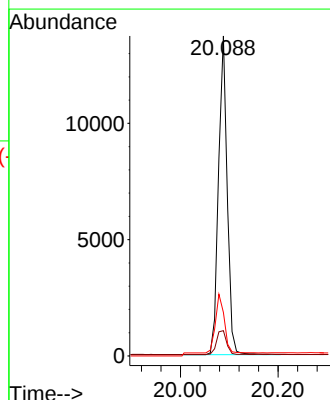
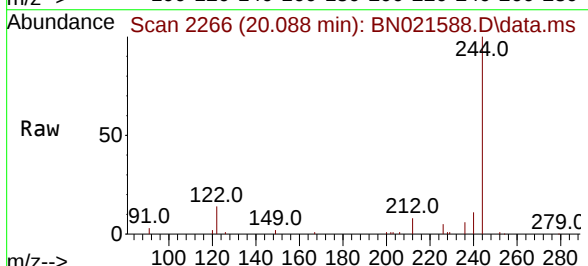
Tgt Ion:244 Resp: 16169

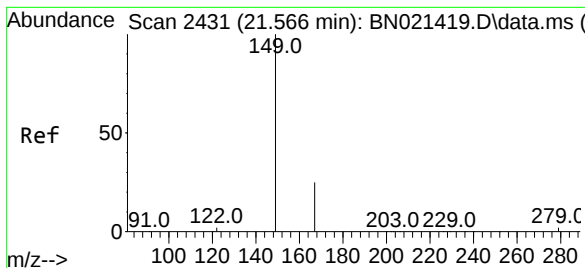
Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

122 13.6 9.1 13.7

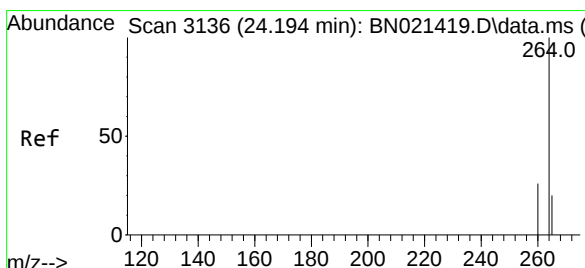
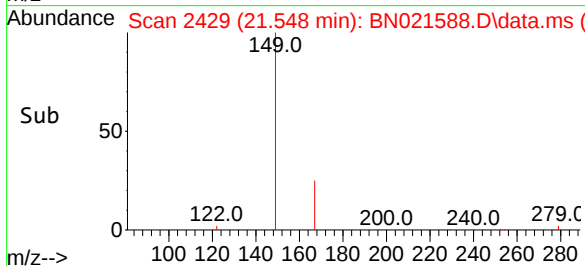
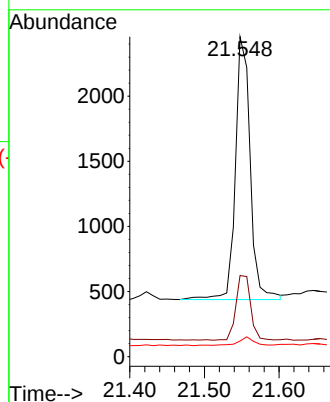
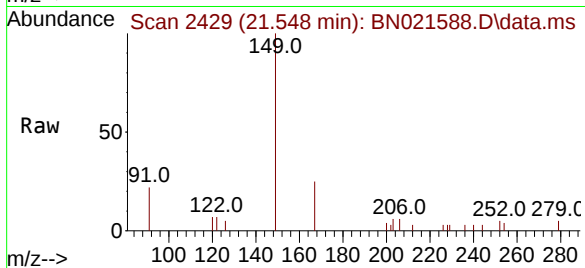




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.136 ng
 RT: 21.548 min Scan# 2431
 Delta R.T. -0.009 min
 Lab File: BN021588.D
 Acq: 03 Sep 2022 09:20

Instrument :
 BNA_N
 ClientSampleId :
 MW-06-1.5-11.5-083122

Tgt Ion:149 Resp: 2782
 Ion Ratio Lower Upper
 149 100
 167 24.4 21.4 32.0
 279 3.5 2.2 3.2#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.170 min Scan# 3128
 Delta R.T. -0.014 min
 Lab File: BN021588.D
 Acq: 03 Sep 2022 09:20

Tgt Ion:264 Resp: 10770
 Ion Ratio Lower Upper
 264 100
 260 26.7 21.0 31.6
 265 34.5 32.2 48.2

