

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091022\
 Data File : BN021668.D
 Acq On : 09 Sep 2022 19:36
 Operator : CG/JU
 Sample : N4471-06DL 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-11B-35-40-083122DL

Quant Time: Sep 09 23:22:55 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 09 23:19:14 2022
 Response via : Initial Calibration

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

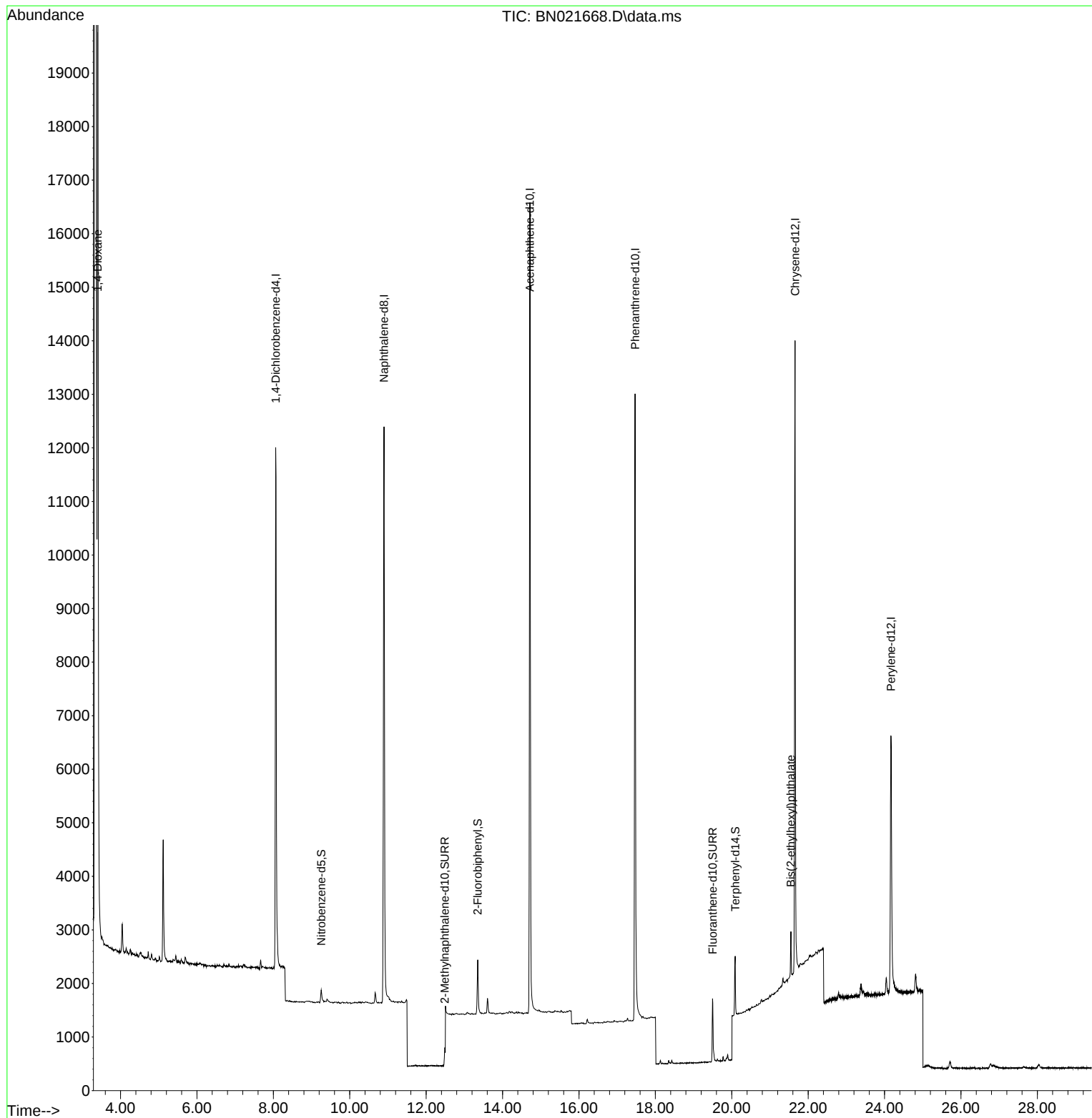
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.062	152	5149	0.400	ng	0.00
7) Naphthalene-d8	10.898	136	16311	0.400	ng	0.00
13) Acenaphthene-d10	14.718	164	9165	0.400	ng	0.00
19) Phenanthrene-d10	17.470	188	18723	0.400	ng	0.00
29) Chrysene-d12	21.655	240	11476	0.400	ng	0.00
35) Perylene-d12	24.168	264	8224	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.592	112	70	0.007	ng	0.00
5) Phenol-d6	7.224	99	59	0.005	ng	0.00
8) Nitrobenzene-d5	9.254	82	302	0.027	ng	0.02
11) 2-Methylnaphthalene-d10	12.490	152	848	0.023	ng	0.01
14) 2,4,6-Tribromophenol	16.219	330	53	0.018	ng	0.01
15) 2-Fluorobiphenyl	13.349	172	1036	0.026	ng	0.01
27) Fluoranthene-d10	19.497	212	1398	0.029	ng	0.00
31) Terphenyl-d14	20.088	244	1087	0.042	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.403	88	17865	2.774	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.548	149	863	0.054	ng	# 94

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

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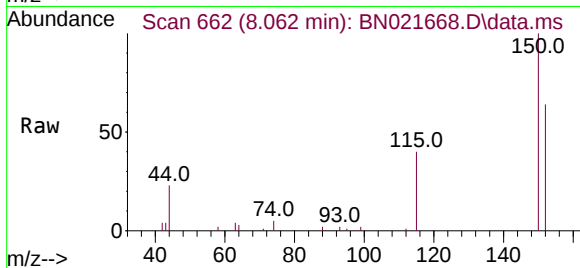
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 09 23:19:14 2022
Response via : Initial Calibration



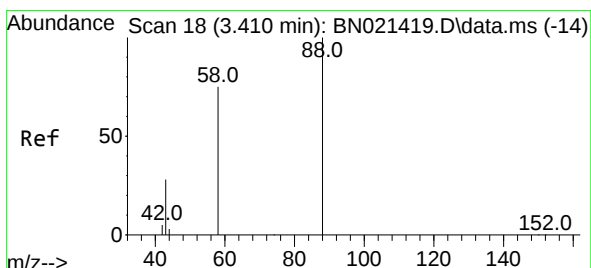
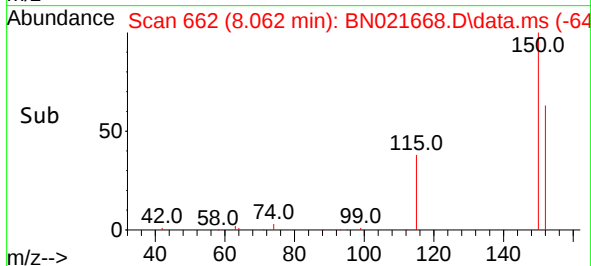
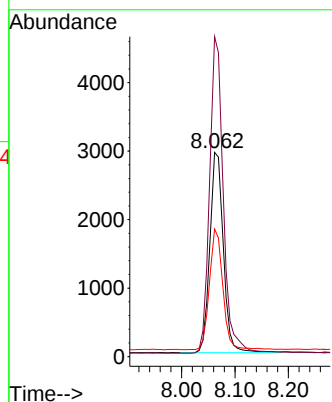


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.062 min Scan# 60
 Delta R.T. -0.000 min
 Lab File: BN021668.D
 Acq: 09 Sep 2022 19:36

Instrument :
 BNA_N
 ClientSampleId :
 MW-11B-35-40-083122DL

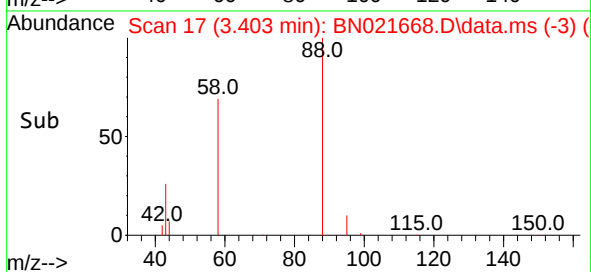
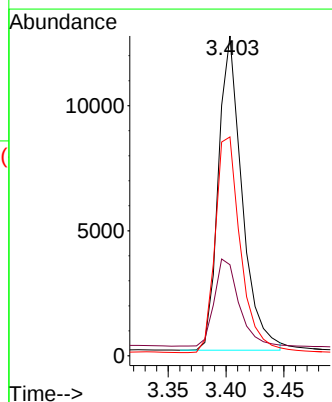
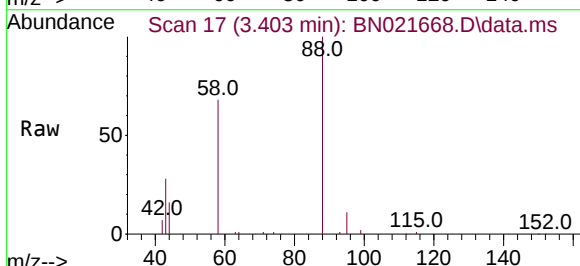


Tgt Ion: 152 Resp: 5149
 Ion Ratio Lower Upper
 152 100
 150 156.7 121.4 182.0
 115 62.5 48.6 72.8



#2
 1,4-Dioxane
 Concen: 2.774 ng
 RT: 3.403 min Scan# 17
 Delta R.T. 0.000 min
 Lab File: BN021668.D
 Acq: 09 Sep 2022 19:36

Tgt Ion: 88 Resp: 17865
 Ion Ratio Lower Upper
 88 100
 43 28.8 35.8 53.8#
 58 73.6 57.1 85.7





#4

2-Fluorophenol

Concen: 0.007 ng

RT: 5.592 min Scan# 31

Delta R.T. 0.000 min

Lab File: BN021668.D

Acq: 09 Sep 2022 19:36

Instrument :

BNA_N

ClientSampleId :

MW-11B-35-40-083122DL

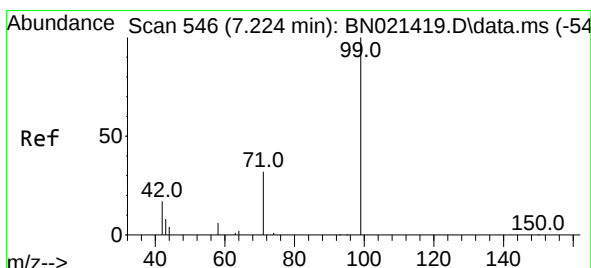
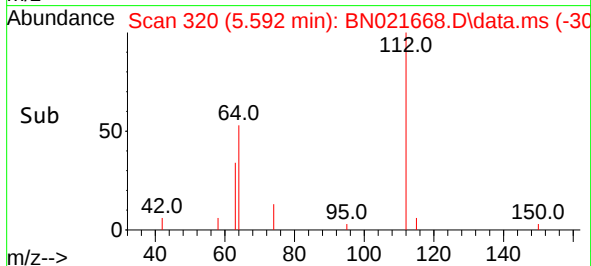
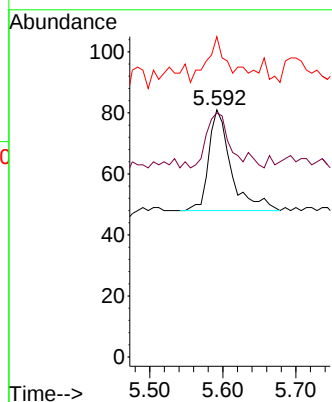
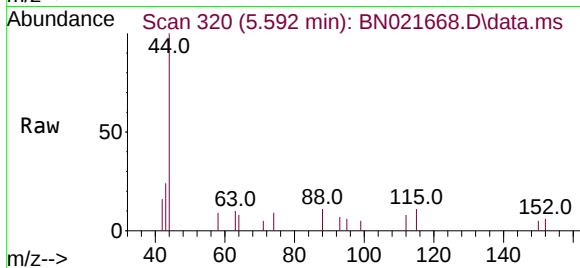
Tgt Ion:112 Resp: 70

Ion Ratio Lower Upper

112 100

64 52.9 43.5 65.3

63 42.9 22.6 34.0#



#5

Phenol-d6

Concen: 0.005 ng

RT: 7.224 min Scan# 546

Delta R.T. 0.007 min

Lab File: BN021668.D

Acq: 09 Sep 2022 19:36

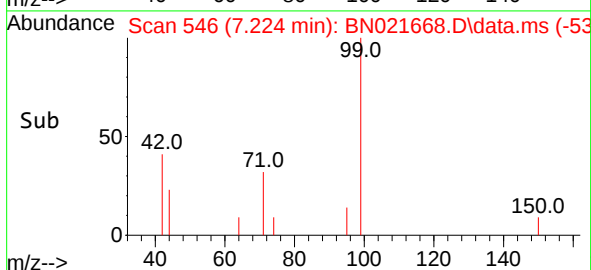
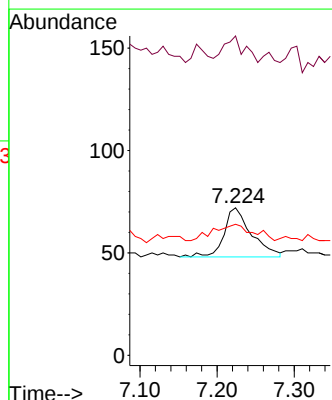
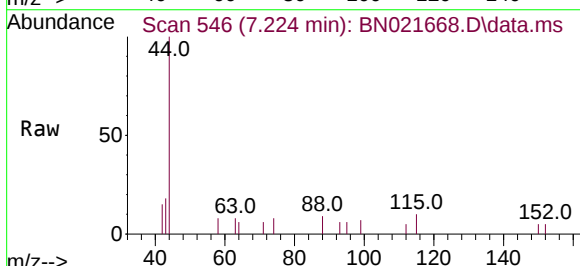
Tgt Ion: 99 Resp: 59

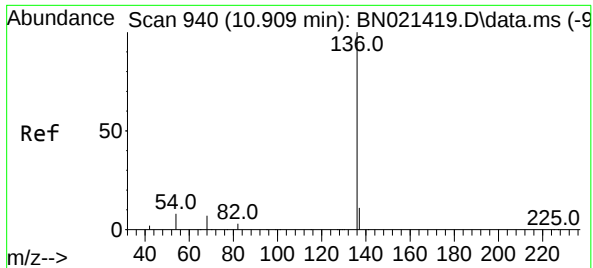
Ion Ratio Lower Upper

99 100

42 42.4 15.5 23.3#

71 47.5 24.2 36.2#

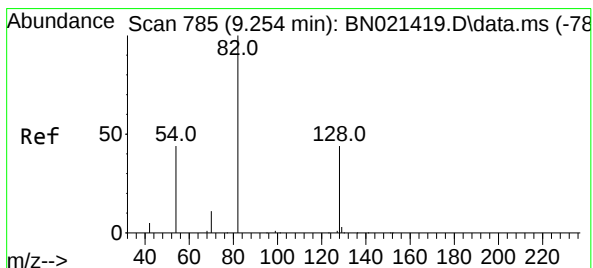
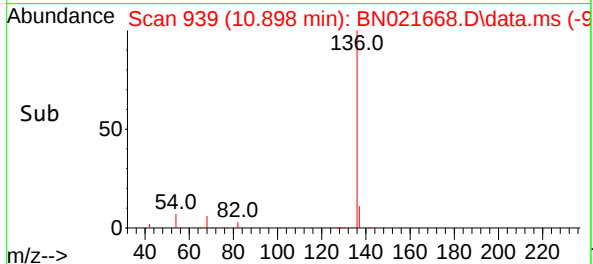
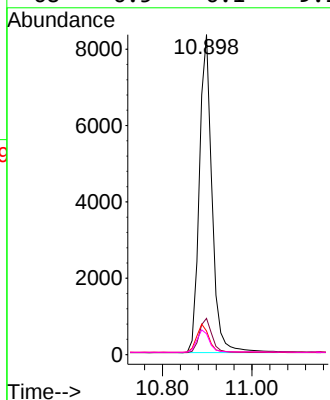
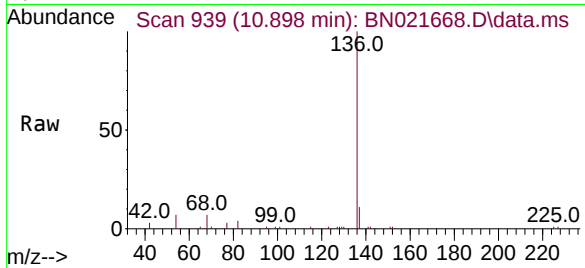




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.898 min Scan# 940
Delta R.T. 0.000 min
Lab File: BN021668.D
Acq: 09 Sep 2022 19:36

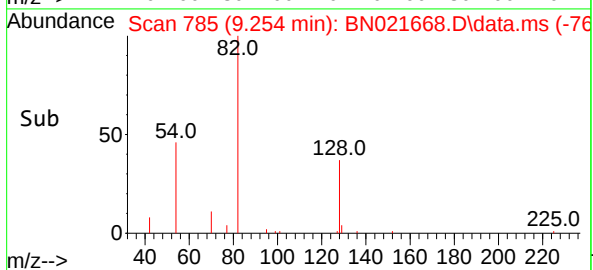
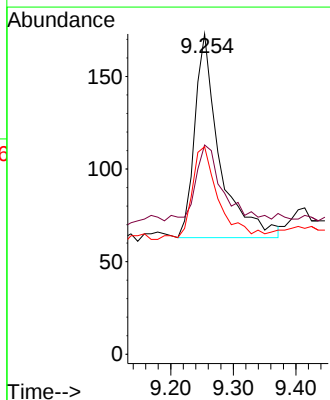
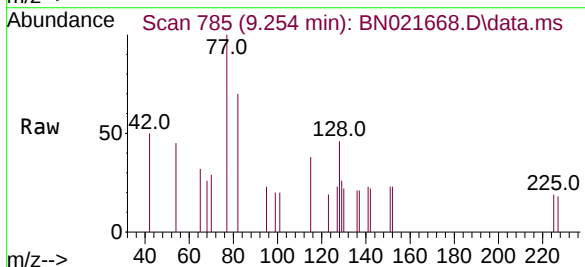
Instrument :
BNA_N
ClientSampleId :
MW-11B-35-40-083122DL

Tgt Ion:	136	Resp:	16311
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.3	13.9
54	7.4	6.9	10.3
68	6.5	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.027 ng
RT: 9.254 min Scan# 785
Delta R.T. 0.021 min
Lab File: BN021668.D
Acq: 09 Sep 2022 19:36

Tgt Ion:	82	Resp:	302
Ion Ratio	Lower	Upper	
82	100		
128	65.3	30.9	46.3#
54	64.7	42.7	64.1#

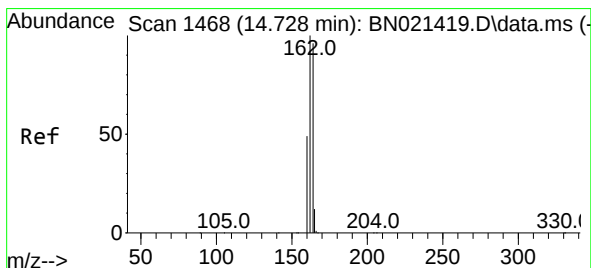
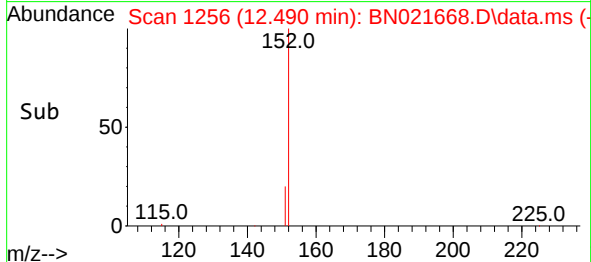
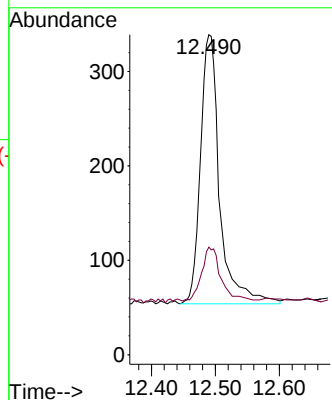
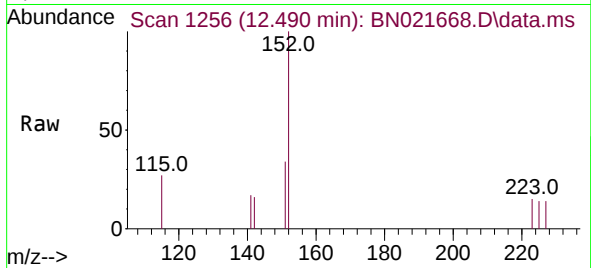




#11
2-Methylnaphthalene-d10
Concen: 0.023 ng
RT: 12.490 min Scan# 11
Delta R.T. 0.011 min
Lab File: BN021668.D
Acq: 09 Sep 2022 19:36

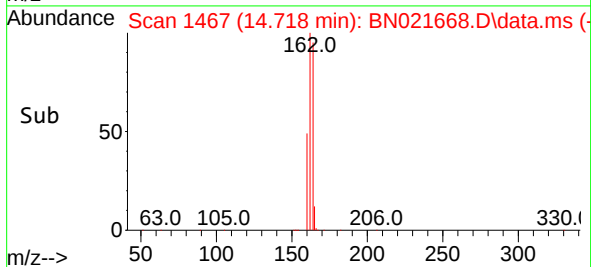
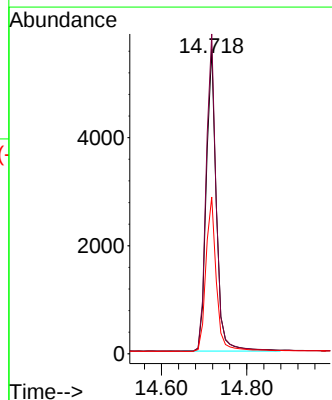
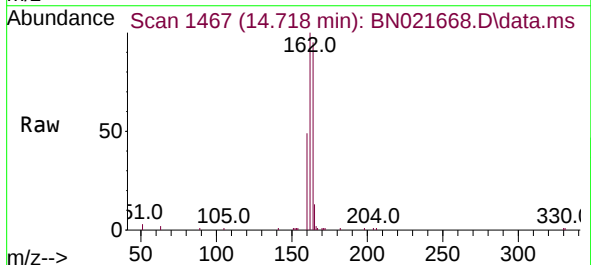
Instrument :
BNA_N
ClientSampleId :
MW-11B-35-40-083122DL

Tgt Ion:152 Resp: 848
Ion Ratio Lower Upper
152 100
151 17.2 14.5 21.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.718 min Scan# 1467
Delta R.T. 0.000 min
Lab File: BN021668.D
Acq: 09 Sep 2022 19:36

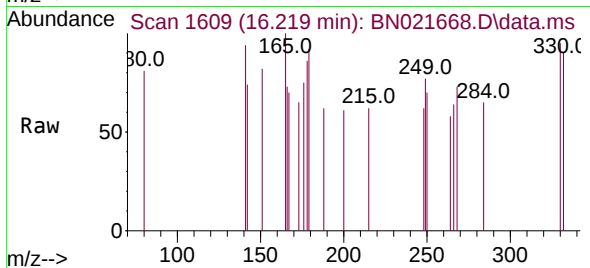
Tgt Ion:164 Resp: 9165
Ion Ratio Lower Upper
164 100
162 104.9 82.2 123.4
160 51.4 39.5 59.3



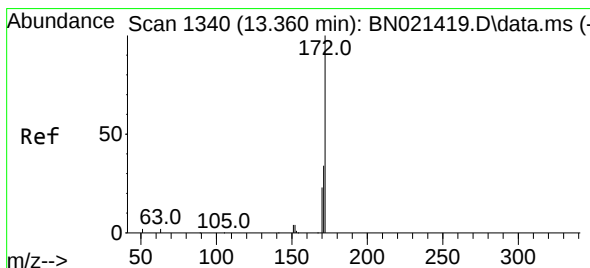
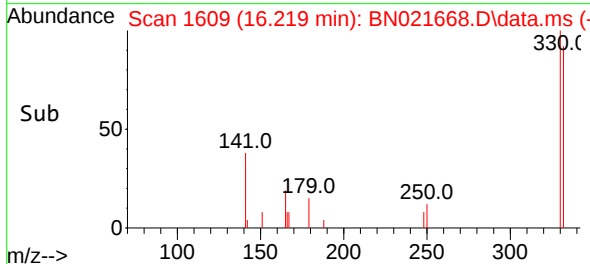
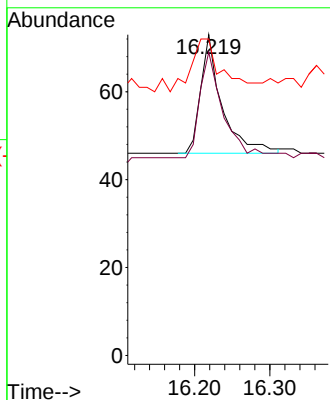


#14
 2,4,6-Tribromophenol
 Concen: 0.018 ng
 RT: 16.219 min Scan# 1609
 Delta R.T. 0.010 min
 Lab File: BN021668.D
 Acq: 09 Sep 2022 19:36

Instrument :
 BNA_N
 ClientSampleId :
 MW-11B-35-40-083122DL

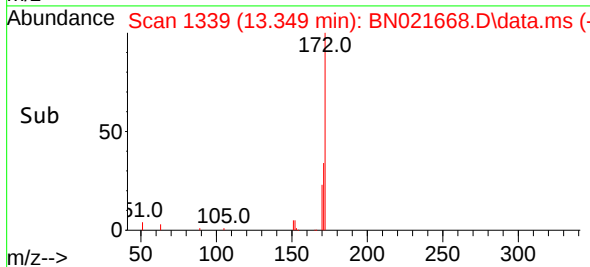
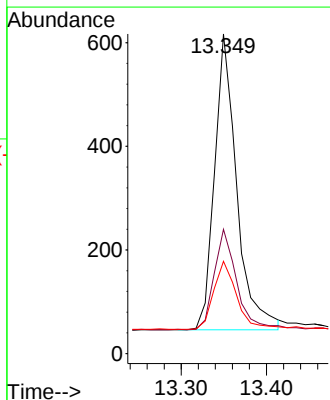
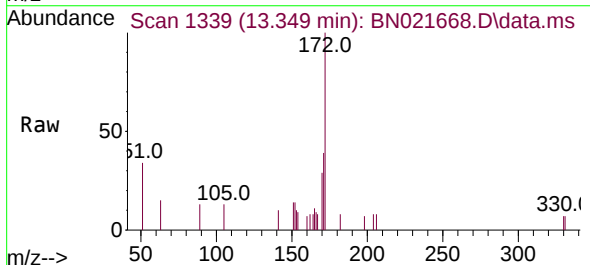


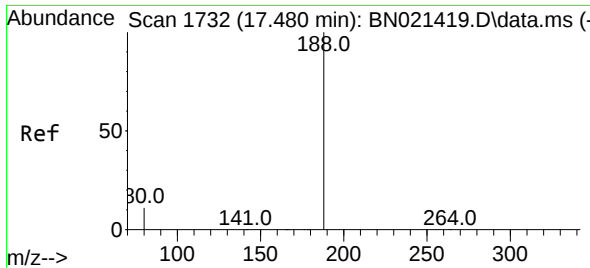
Tgt Ion: 330 Resp: 53
 Ion Ratio Lower Upper
 330 100
 332 98.1 79.3 118.9
 141 64.2 37.1 55.7#



#15
 2-Fluorobiphenyl
 Concen: 0.026 ng
 RT: 13.349 min Scan# 1339
 Delta R.T. 0.011 min
 Lab File: BN021668.D
 Acq: 09 Sep 2022 19:36

Tgt Ion: 172 Resp: 1036
 Ion Ratio Lower Upper
 172 100
 171 38.9 27.8 41.6
 170 28.8 18.6 28.0#

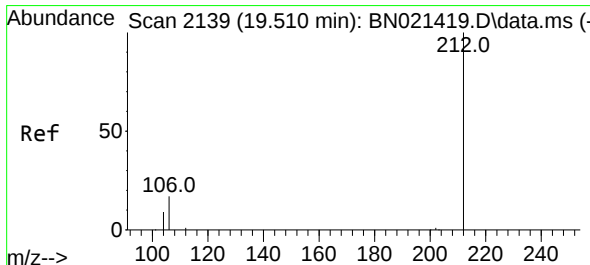
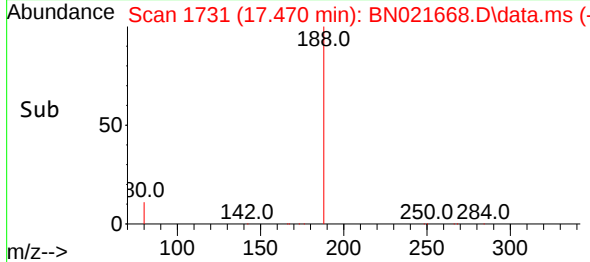
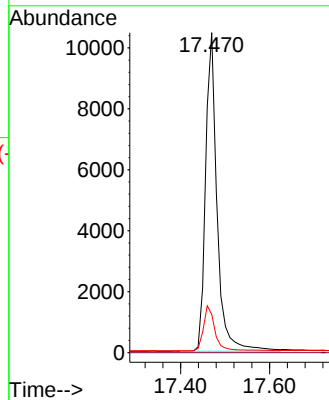
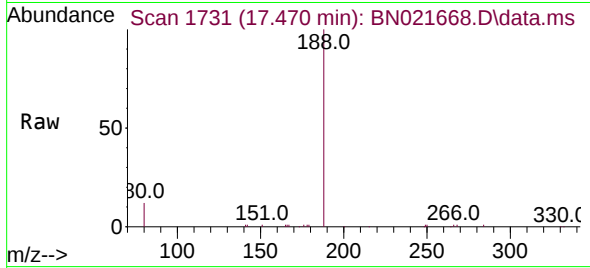




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.470 min Scan# 1732
Delta R.T. 0.000 min
Lab File: BN021668.D
Acq: 09 Sep 2022 19:36

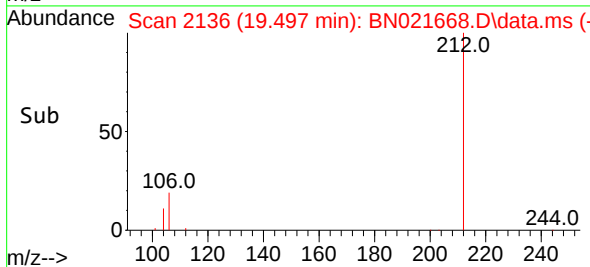
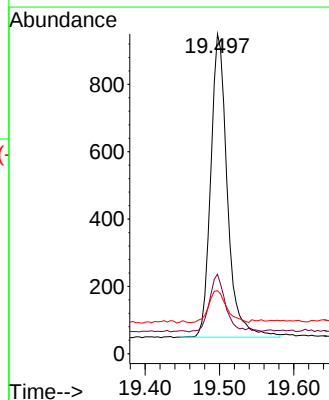
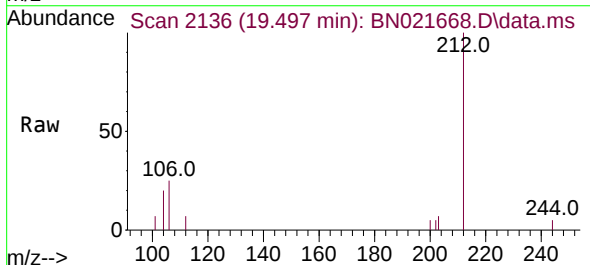
Instrument :
BNA_N
ClientSampleId :
MW-11B-35-40-083122DL

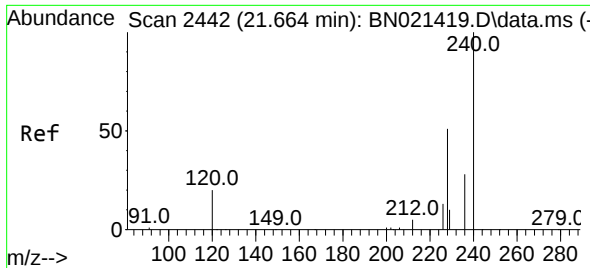
Tgt Ion:188 Resp: 18723
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.9 9.5 14.3



#27
Fluoranthene-d10
Concen: 0.029 ng
RT: 19.497 min Scan# 2136
Delta R.T. 0.000 min
Lab File: BN021668.D
Acq: 09 Sep 2022 19:36

Tgt Ion:212 Resp: 1398
Ion Ratio Lower Upper
212 100
106 18.6 14.2 21.2
104 11.2 7.8 11.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.655 min Scan# 2441

Delta R.T. 0.000 min

Lab File: BN021668.D

Acq: 09 Sep 2022 19:36

Instrument :

BNA_N

ClientSampleId :

MW-11B-35-40-083122DL

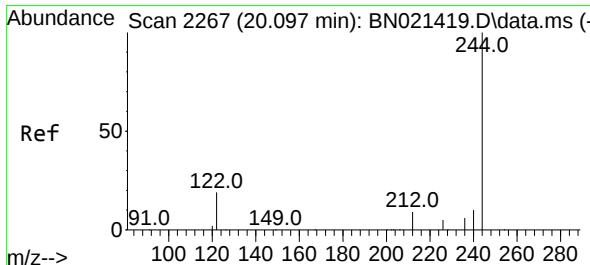
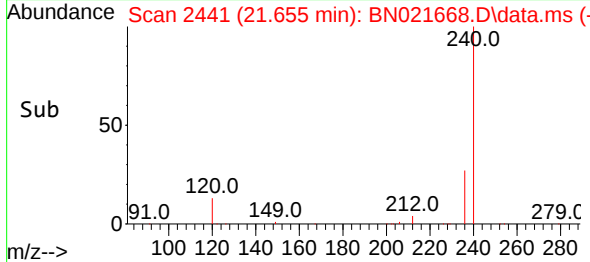
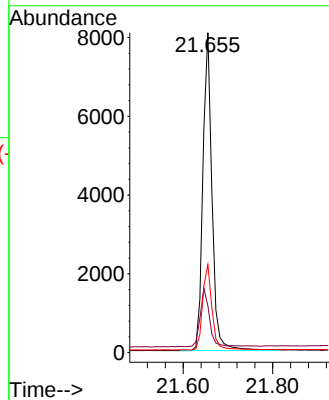
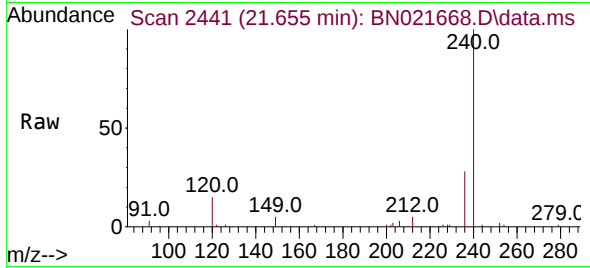
Tgt Ion:240 Resp: 11476

Ion Ratio Lower Upper

240 100

120 14.6 10.2 15.4

236 27.5 22.1 33.1



#31

Terphenyl-d14

Concen: 0.042 ng

RT: 20.088 min Scan# 2266

Delta R.T. 0.000 min

Lab File: BN021668.D

Acq: 09 Sep 2022 19:36

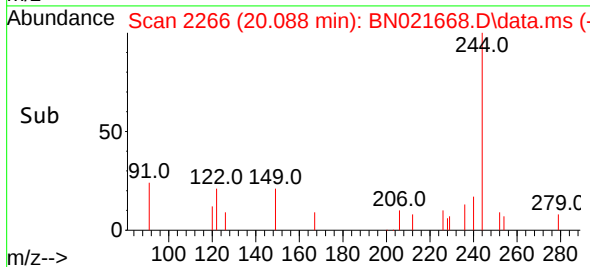
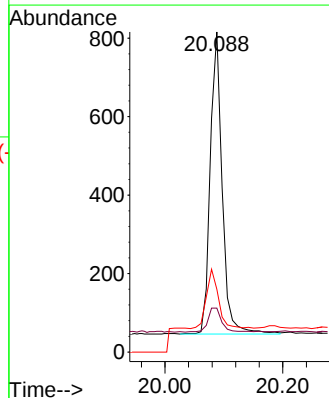
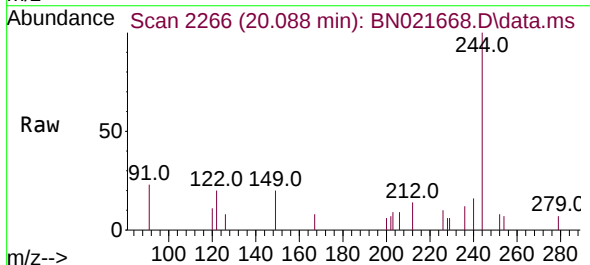
Tgt Ion:244 Resp: 1087

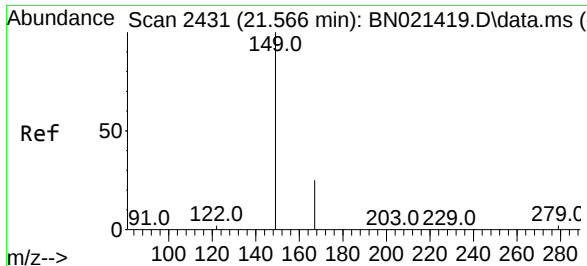
Ion Ratio Lower Upper

244 100

212 13.7 6.5 9.7#

122 19.6 9.1 13.7#

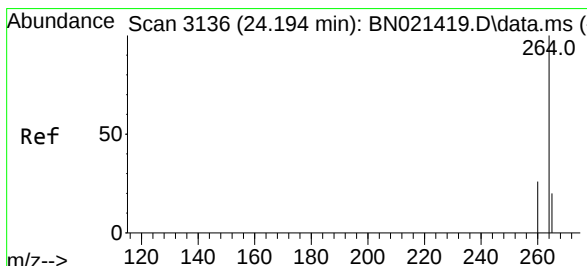
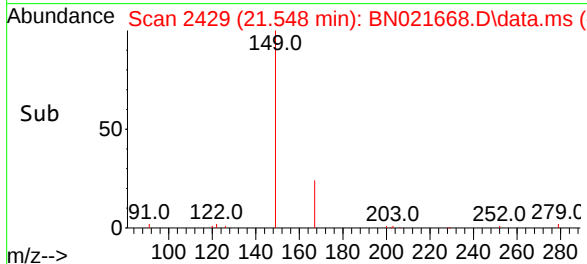
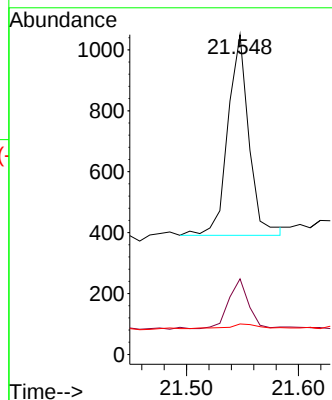
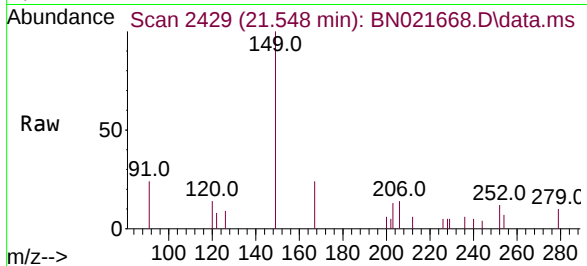




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.054 ng
 RT: 21.548 min Scan# 2431
 Delta R.T. 0.000 min
 Lab File: BN021668.D
 Acq: 09 Sep 2022 19:36

Instrument :
 BNA_N
 ClientSampleId :
 MW-11B-35-40-083122DL

Tgt Ion:149 Resp: 863
 Ion Ratio Lower Upper
 149 100
 167 23.5 21.4 32.0
 279 4.1 2.2 3.2#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.168 min Scan# 3127
 Delta R.T. -0.006 min
 Lab File: BN021668.D
 Acq: 09 Sep 2022 19:36

Tgt Ion:264 Resp: 8224
 Ion Ratio Lower Upper
 264 100
 260 28.0 21.0 31.6
 265 48.8 32.2 48.2#

