

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091022\
 Data File : BN021708.D
 Acq On : 10 Sep 2022 21:23
 Operator : CG/JU
 Sample : N4558-03
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW5-GW-98-100

Quant Time: Sep 12 01:13:58 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)

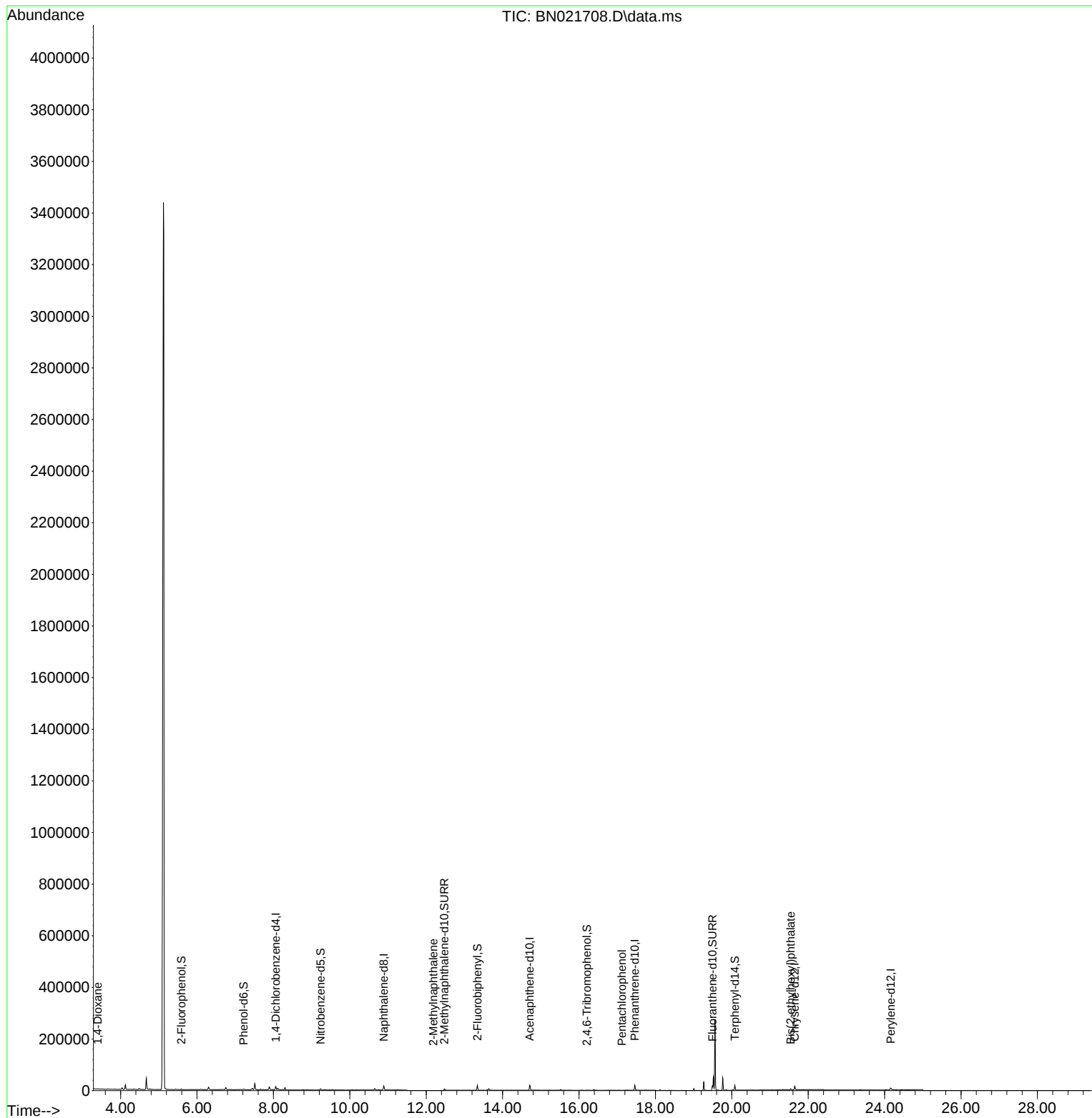
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.062	152	6267	0.400	ng	0.00
7) Naphthalene-d8	10.887	136	21111	0.400	ng	-0.01
13) Acenaphthene-d10	14.707	164	12064	0.400	ng	-0.01
19) Phenanthrene-d10	17.459	188	23890	0.400	ng	-0.01
29) Chrysene-d12	21.646	240	13351	0.400	ng	# 0.00
35) Perylene-d12	24.159	264	10983	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.591	112	1913	0.156	ng	0.00
5) Phenol-d6	7.216	99	1567	0.100	ng	0.00
8) Nitrobenzene-d5	9.232	82	3948	0.277	ng	0.00
11) 2-Methylnaphthalene-d10	12.474	152	14921	0.314	ng	0.00
14) 2,4,6-Tribromophenol	16.208	330	524	0.132	ng	0.00
15) 2-Fluorobiphenyl	13.339	172	15454	0.293	ng	0.00
27) Fluoranthene-d10	19.493	212	20345	0.331	ng	0.00
31) Terphenyl-d14	20.079	244	13807	0.460	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.403	88	258	0.033	ng	# 1
12) 2-Methylnaphthalene	12.187	142	11	0.128	ng	# 1
24) Pentachlorophenol	17.121	266	6	0.203	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.539	149	3869	0.207	ng	97

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

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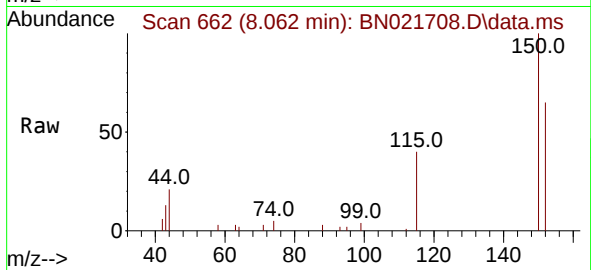
Quant Time: Sep 12 01:13:58 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 09 23:19:14 2022
Response via : Initial Calibration



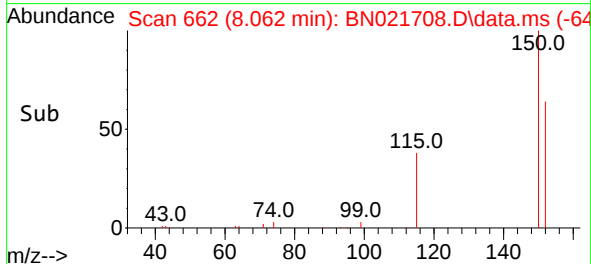
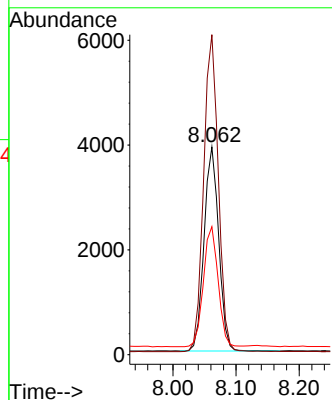


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.062 min Scan# 6
 Delta R.T. -0.000 min
 Lab File: BN021708.D
 Acq: 10 Sep 2022 21:23

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW5-GW-98-100

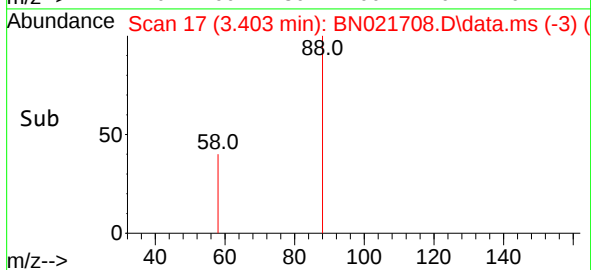
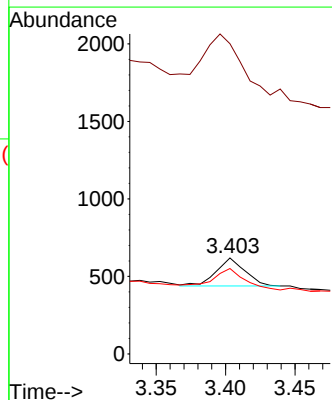
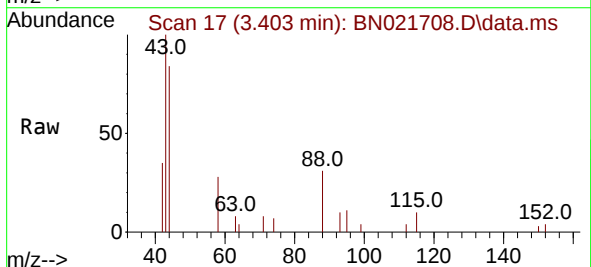


Tgt Ion:152 Resp: 6267
 Ion Ratio Lower Upper
 152 100
 150 154.0 121.4 182.0
 115 61.6 48.6 72.8



#2
 1,4-Dioxane
 Concen: 0.033 ng
 RT: 3.403 min Scan# 17
 Delta R.T. -0.000 min
 Lab File: BN021708.D
 Acq: 10 Sep 2022 21:23

Tgt Ion: 88 Resp: 258
 Ion Ratio Lower Upper
 88 100
 43 335.3 35.8 53.8#
 58 89.9 57.1 85.7#





#4

2-Fluorophenol

Concen: 0.156 ng

RT: 5.591 min Scan# 31

Delta R.T. -0.000 min

Lab File: BN021708.D

Acq: 10 Sep 2022 21:23

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW5-GW-98-100

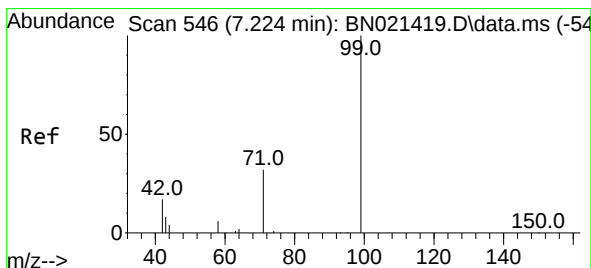
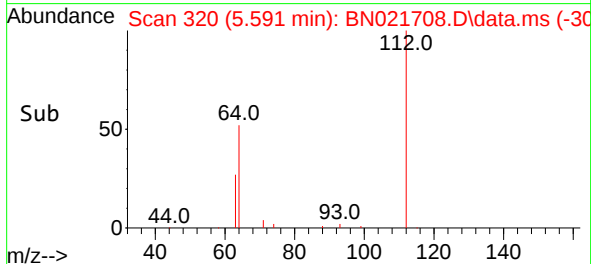
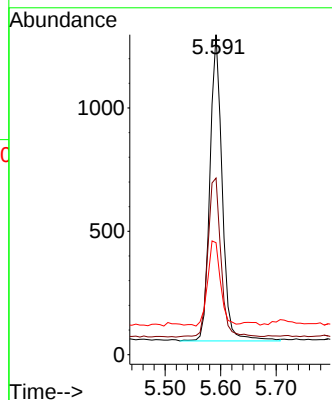
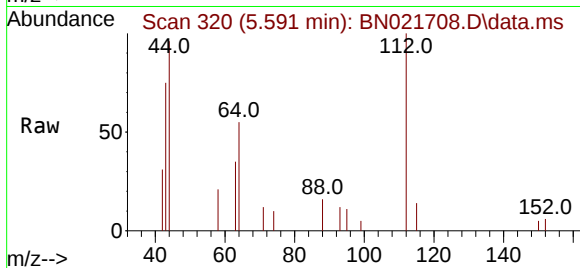
Tgt Ion:112 Resp: 1913

Ion Ratio Lower Upper

112 100

64 55.3 43.5 65.3

63 27.4 22.6 34.0



#5

Phenol-d6

Concen: 0.100 ng

RT: 7.216 min Scan# 545

Delta R.T. -0.000 min

Lab File: BN021708.D

Acq: 10 Sep 2022 21:23

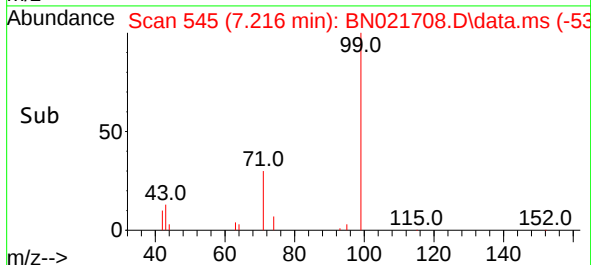
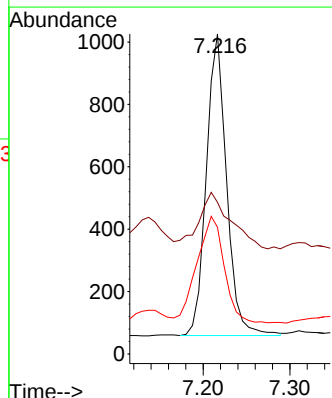
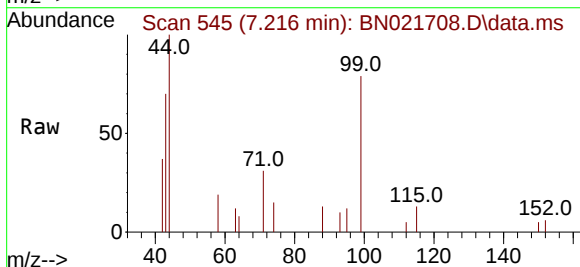
Tgt Ion: 99 Resp: 1567

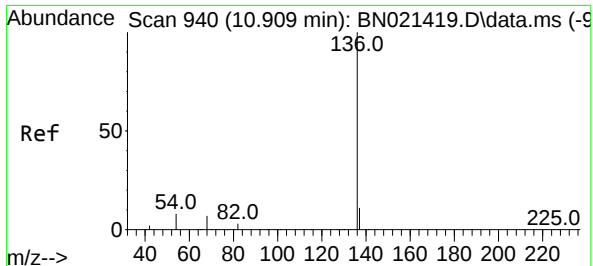
Ion Ratio Lower Upper

99 100

42 29.5 15.5 23.3#

71 46.9 24.2 36.2#

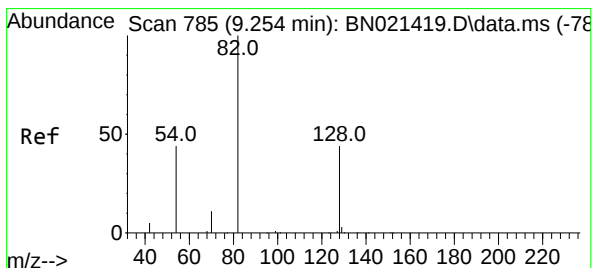
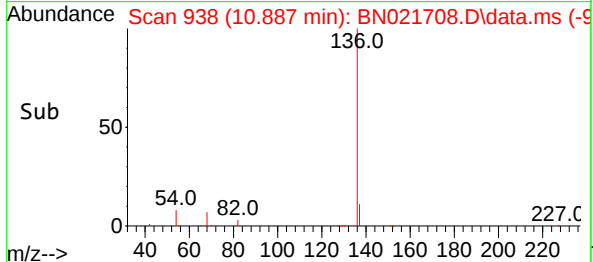
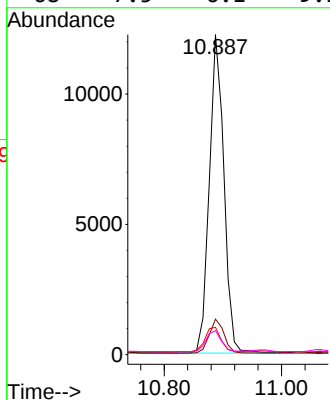
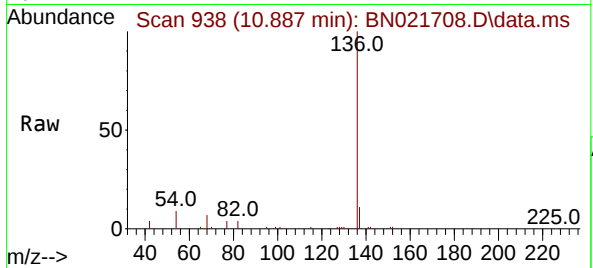




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.887 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN021708.D
Acq: 10 Sep 2022 21:23

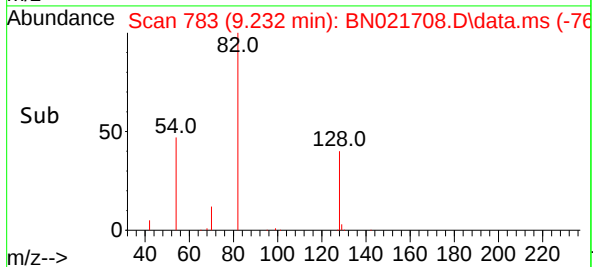
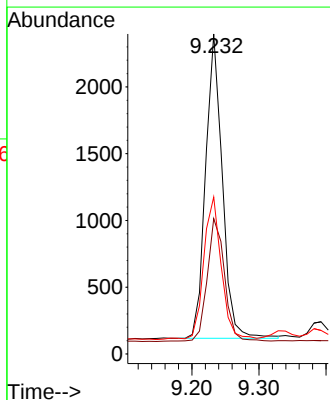
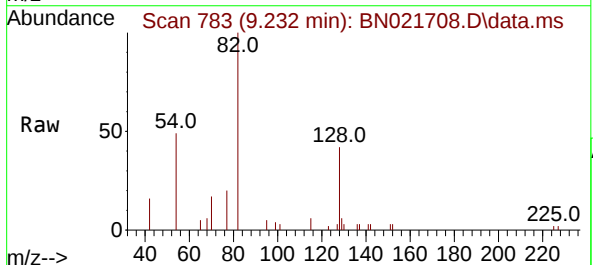
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW5-GW-98-100

Tgt Ion:	136	Resp:	21111
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.3	13.9
54	8.5	6.9	10.3
68	7.5	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.277 ng
RT: 9.232 min Scan# 783
Delta R.T. -0.000 min
Lab File: BN021708.D
Acq: 10 Sep 2022 21:23

Tgt Ion:	82	Resp:	3948
Ion Ratio	Lower	Upper	
82	100		
128	42.3	30.9	46.3
54	49.1	42.7	64.1

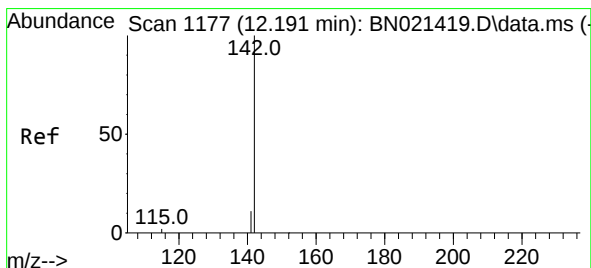
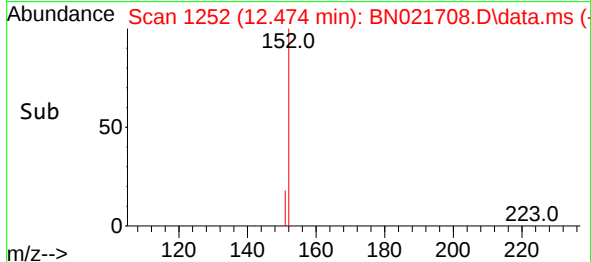
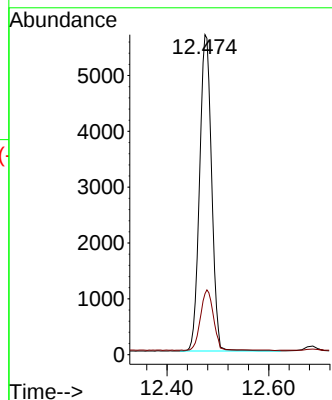
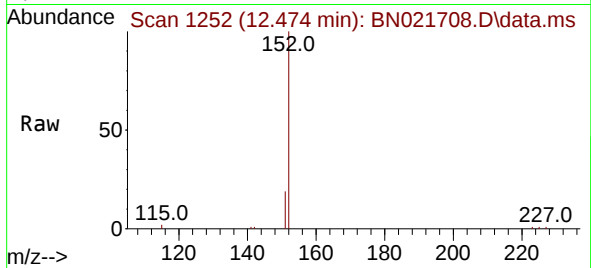




#11
2-Methylnaphthalene-d10
Concen: 0.314 ng
RT: 12.474 min Scan# 1176
Delta R.T. -0.004 min
Lab File: BN021708.D
Acq: 10 Sep 2022 21:23

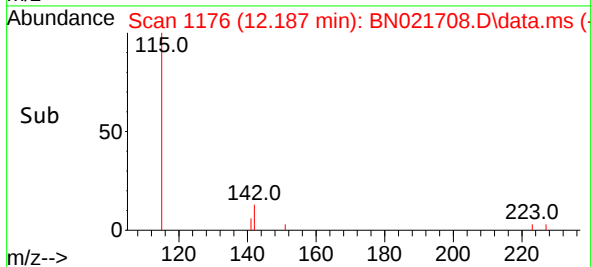
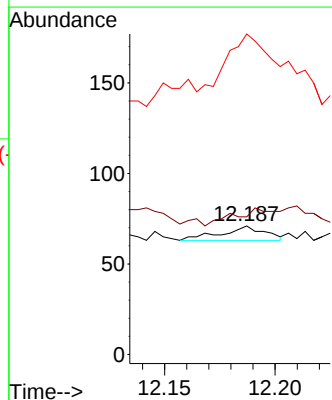
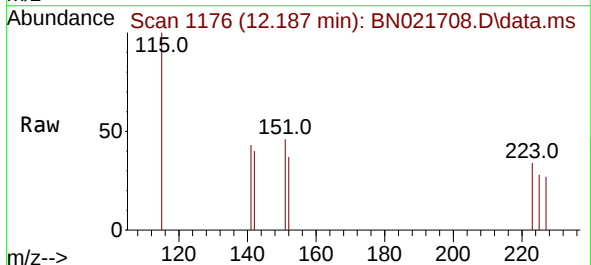
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW5-GW-98-100

Tgt Ion:152 Resp: 14921
Ion Ratio Lower Upper
152 100
151 20.7 14.5 21.7



#12
2-Methylnaphthalene
Concen: 0.128 ng
RT: 12.187 min Scan# 1176
Delta R.T. 0.008 min
Lab File: BN021708.D
Acq: 10 Sep 2022 21:23

Tgt Ion:142 Resp: 11
Ion Ratio Lower Upper
142 100
141 107.0 12.2 18.2#
115 249.3 7.9 11.9#

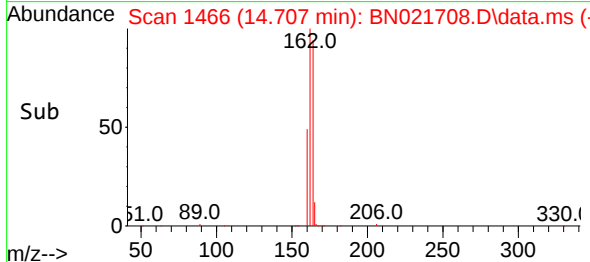
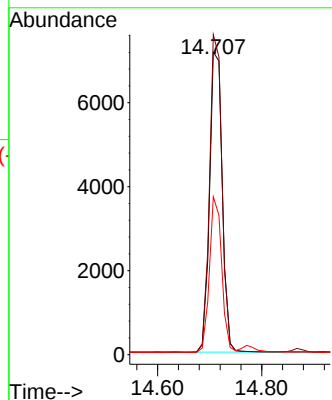
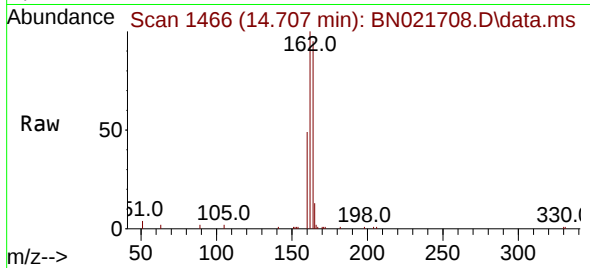




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.707 min Scan# 1466
Delta R.T. -0.011 min
Lab File: BN021708.D
Acq: 10 Sep 2022 21:23

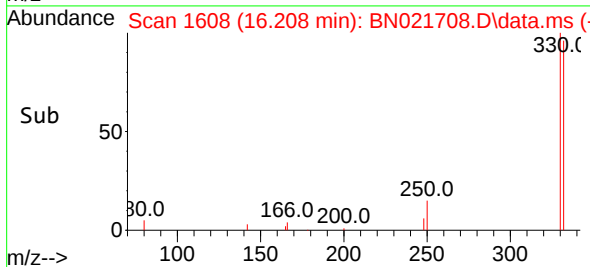
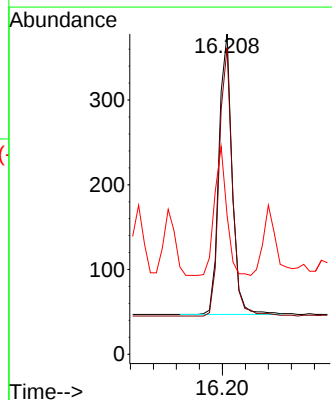
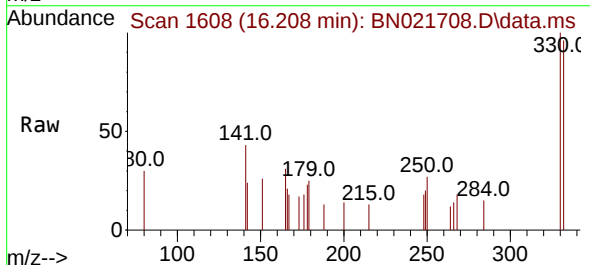
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW5-GW-98-100

Tgt Ion:	164	Resp:	12064
Ion	Ratio	Lower	Upper
164	100		
162	105.7	82.2	123.4
160	52.2	39.5	59.3



#14
2,4,6-Tribromophenol
Concen: 0.132 ng
RT: 16.208 min Scan# 1608
Delta R.T. -0.000 min
Lab File: BN021708.D
Acq: 10 Sep 2022 21:23

Tgt Ion:	330	Resp:	524
Ion	Ratio	Lower	Upper
330	100		
332	96.2	79.3	118.9
141	42.7	37.1	55.7

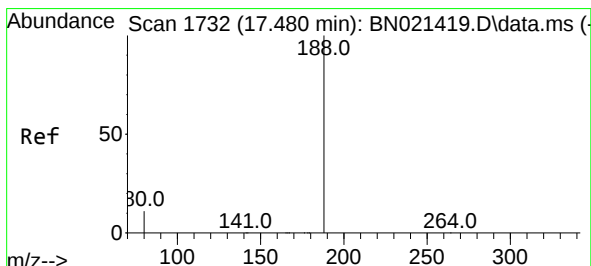
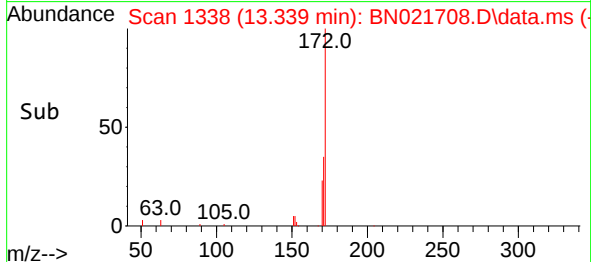
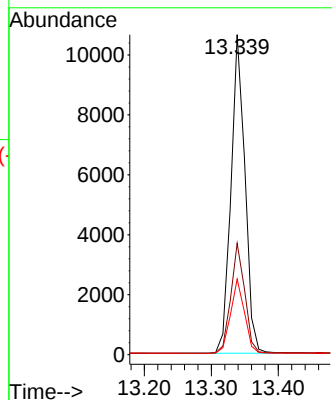
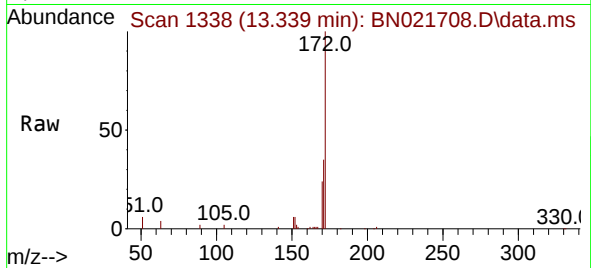




#15
2-Fluorobiphenyl
Concen: 0.293 ng
RT: 13.339 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN021708.D
Acq: 10 Sep 2022 21:23

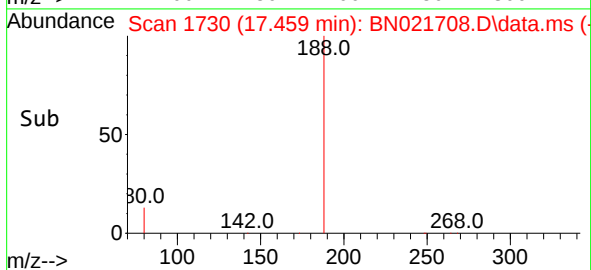
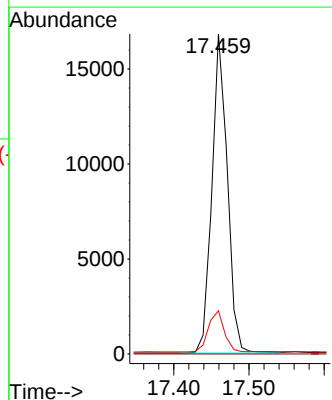
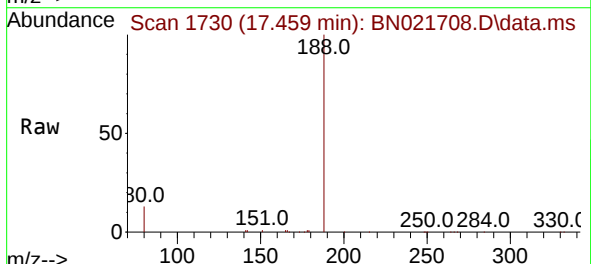
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW5-GW-98-100

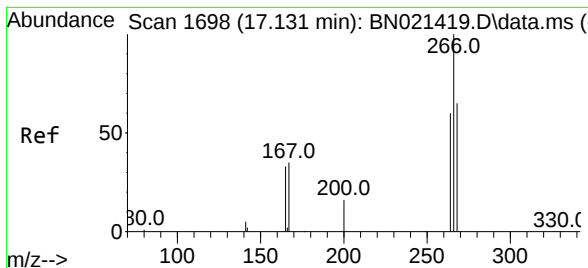
Tgt Ion:172 Resp: 15454
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.6
170 23.6 18.6 28.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.459 min Scan# 1730
Delta R.T. -0.010 min
Lab File: BN021708.D
Acq: 10 Sep 2022 21:23

Tgt Ion:188 Resp: 23890
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.5 9.5 14.3





#24

Pentachlorophenol

Concen: 0.203 ng

RT: 17.121 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN021708.D

Acq: 10 Sep 2022 21:23

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW5-GW-98-100

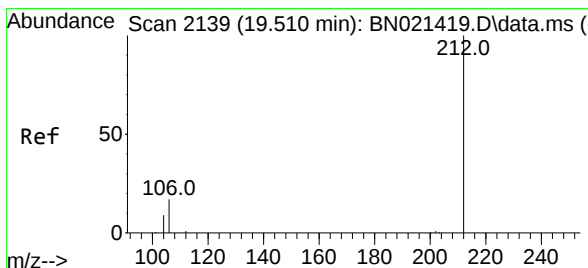
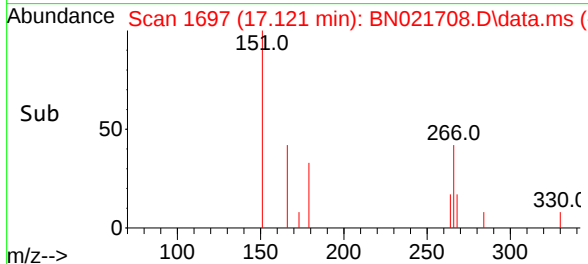
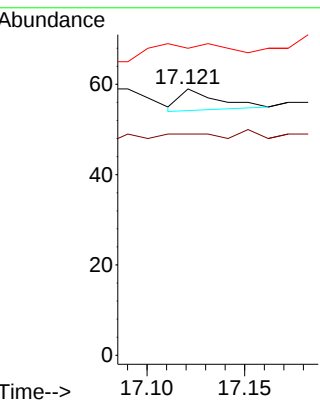
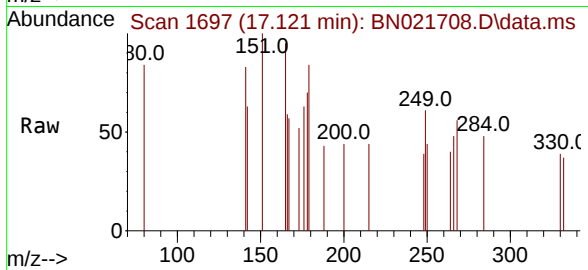
Tgt Ion:266 Resp: 6

Ion Ratio Lower Upper

266 100

264 0.0 49.0 73.6#

268 200.0 50.9 76.3#



#27

Fluoranthene-d10

Concen: 0.331 ng

RT: 19.493 min Scan# 2135

Delta R.T. -0.004 min

Lab File: BN021708.D

Acq: 10 Sep 2022 21:23

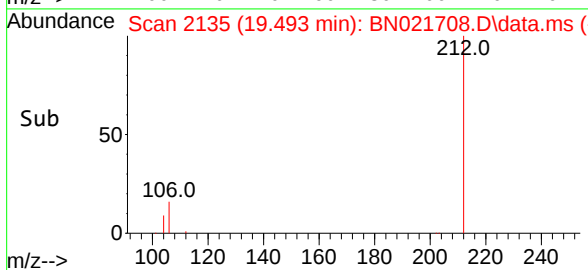
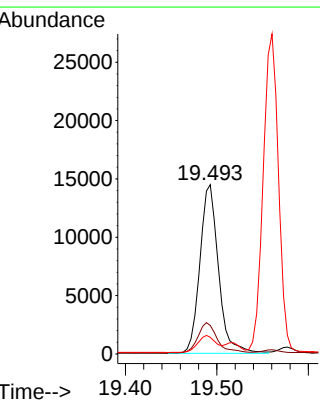
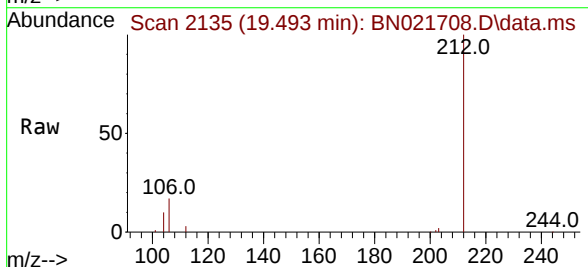
Tgt Ion:212 Resp: 20345

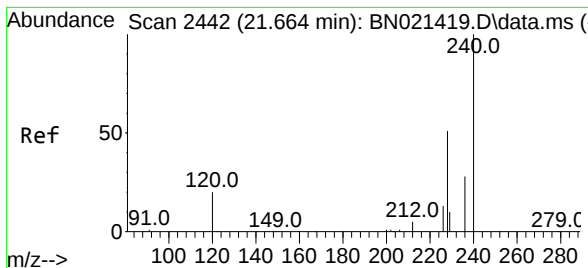
Ion Ratio Lower Upper

212 100

106 18.5 14.2 21.2

104 10.0 7.8 11.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.646 min Scan# 2440

Delta R.T. -0.009 min

Lab File: BN021708.D

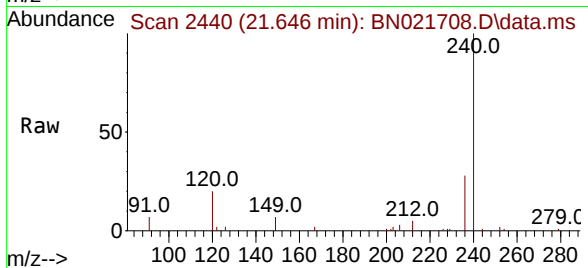
Acq: 10 Sep 2022 21:23

Instrument :

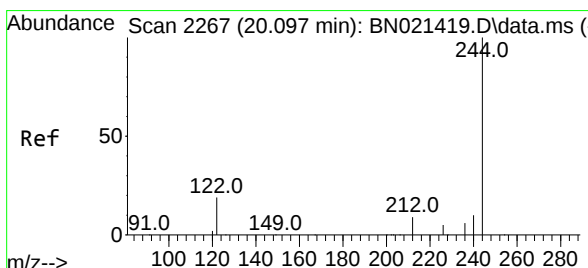
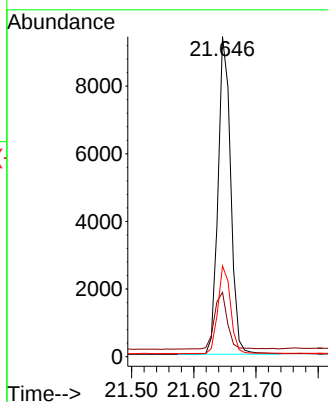
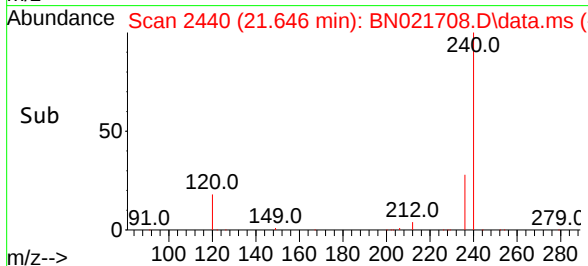
BNA_N

ClientSampleId :

BP-VPB-RW5-GW-98-100



Tgt Ion:240	Resp:	13351
Ion Ratio	Lower	Upper
240	100	
120	20.1	10.2 15.4#
236	28.3	22.1 33.1



#31

Terphenyl-d14

Concen: 0.460 ng

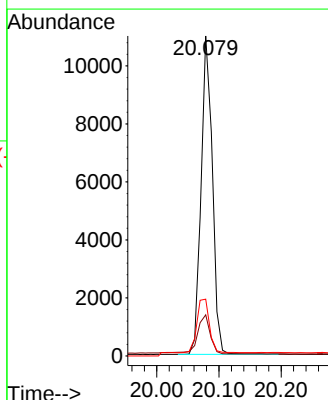
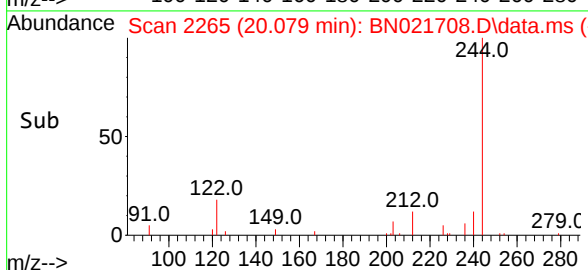
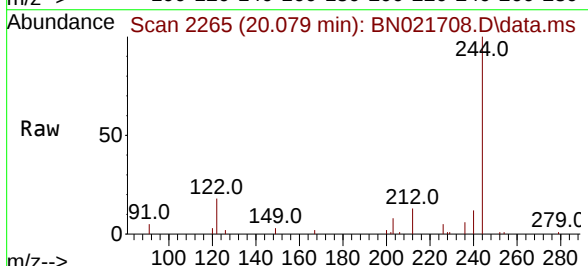
RT: 20.079 min Scan# 2265

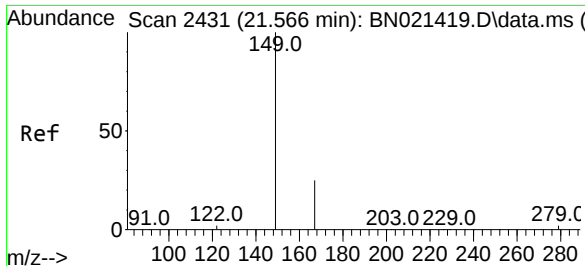
Delta R.T. -0.009 min

Lab File: BN021708.D

Acq: 10 Sep 2022 21:23

Tgt Ion:244	Resp:	13807
Ion Ratio	Lower	Upper
244	100	
212	12.9	6.5 9.7#
122	17.7	9.1 13.7#

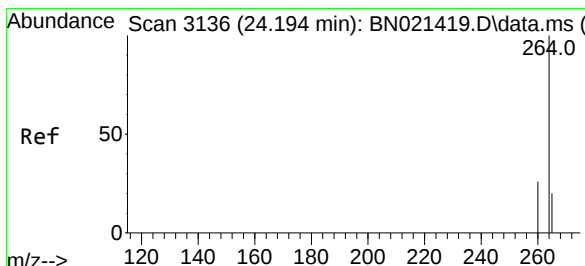
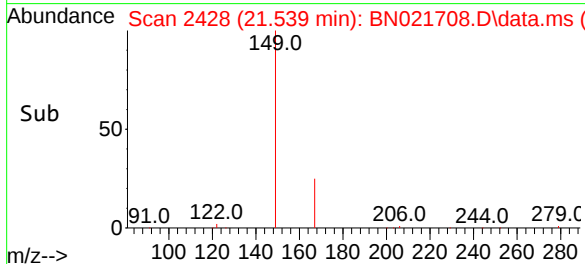
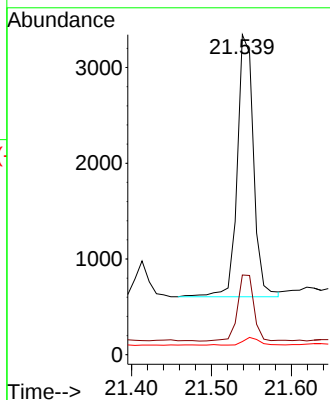
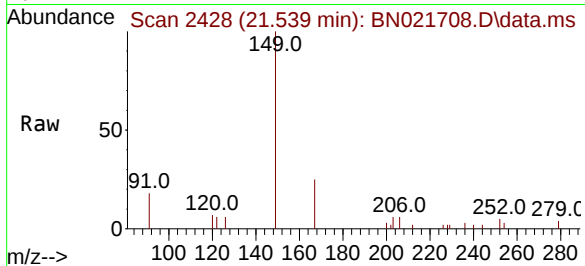




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.207 ng
 RT: 21.539 min Scan# 2431
 Delta R.T. -0.009 min
 Lab File: BN021708.D
 Acq: 10 Sep 2022 21:23

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW5-GW-98-100

Tgt Ion:149 Resp: 3869
 Ion Ratio Lower Upper
 149 100
 167 25.3 21.4 32.0
 279 2.9 2.2 3.2



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.159 min Scan# 3124
 Delta R.T. -0.015 min
 Lab File: BN021708.D
 Acq: 10 Sep 2022 21:23

Tgt Ion:264 Resp: 10983
 Ion Ratio Lower Upper
 264 100
 260 26.2 21.0 31.6
 265 47.3 32.2 48.2

