

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092622\
 Data File : BN021914.D
 Acq On : 26 Sep 2022 12:22
 Operator : CG/JU
 Sample : N4688-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW5-GW-478-480

Quant Time: Sep 26 17:36:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 14 01:55:04 2022
 Response via : Initial Calibration

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

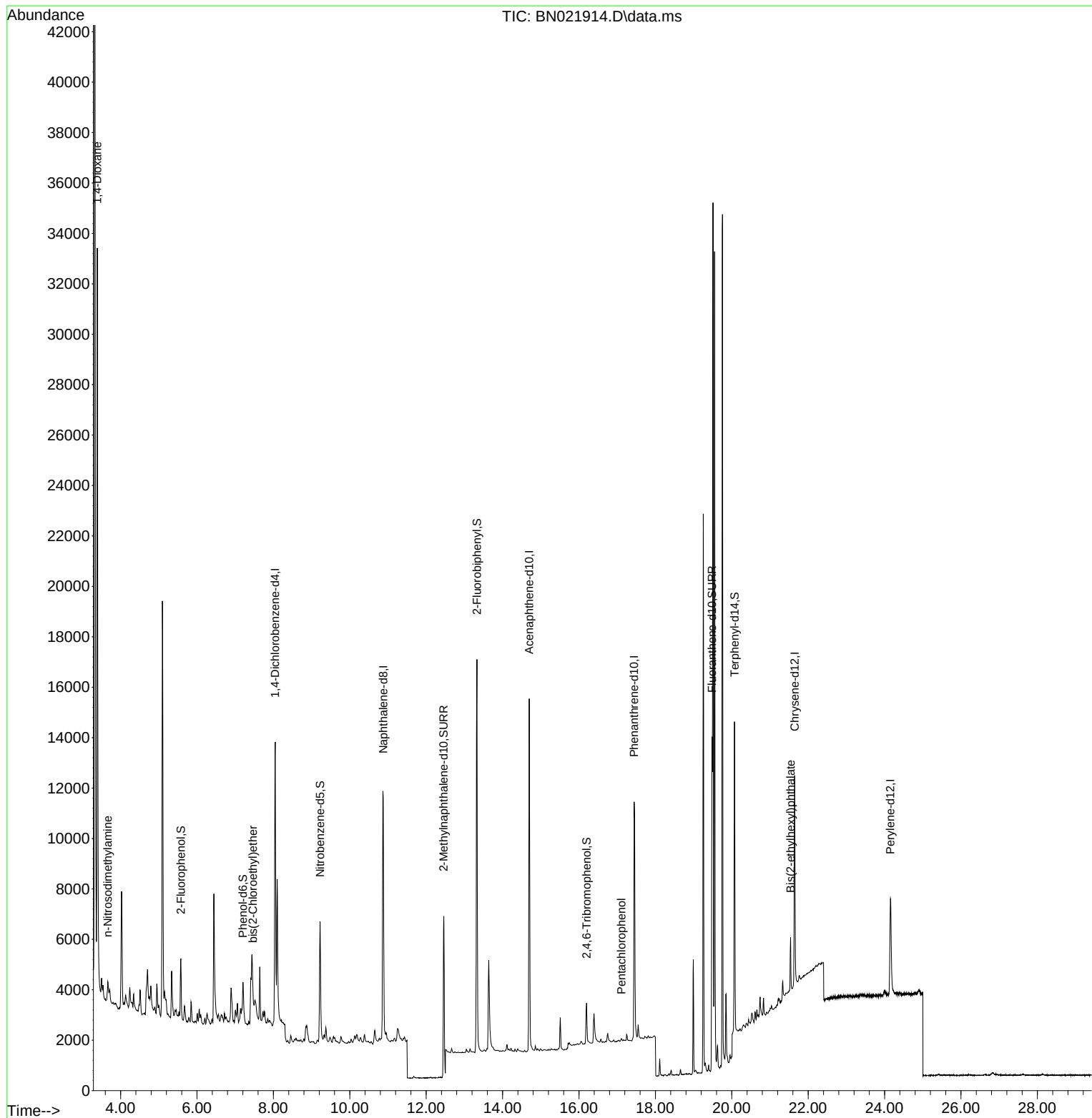
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.047	152	4726	0.400	ng	-0.01
7) Naphthalene-d8	10.877	136	15139	0.400	ng	-0.01
13) Acenaphthene-d10	14.696	164	8237	0.400	ng	-0.01
19) Phenanthrene-d10	17.444	188	14359	0.400	ng	-0.01
29) Chrysene-d12	21.647	240	8424	0.400	ng	# 0.00
35) Perylene-d12	24.154	264	6787	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.577	112	2156	0.174	ng	0.00
5) Phenol-d6	7.202	99	1615	0.103	ng	0.00
8) Nitrobenzene-d5	9.222	82	4560	0.364	ng	-0.01
11) 2-Methylnaphthalene-d10	12.459	152	13999	0.367	ng	-0.02
14) 2,4,6-Tribromophenol	16.197	330	1031	0.274	ng	-0.01
15) 2-Fluorobiphenyl	13.328	172	14790	0.440	ng	-0.01
27) Fluoranthene-d10	19.481	212	14673	0.380	ng	-0.01
31) Terphenyl-d14	20.071	244	9988	0.519	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.389	88	19205	3.145	ng	97
3) n-Nitrosodimethylamine	3.663	42	328	0.053	ng	# 1
6) bis(2-Chloroethyl)ether	7.462	93	447	0.029	ng	97
24) Pentachlorophenol	17.109	266	85	0.023	ng	# 84
34) Bis(2-ethylhexyl)phtha...	21.539	149	2181	0.101	ng	# 99

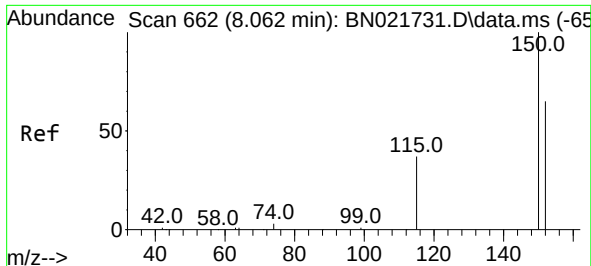
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092622\
Data File : BN021914.D
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW5-GW-478-480

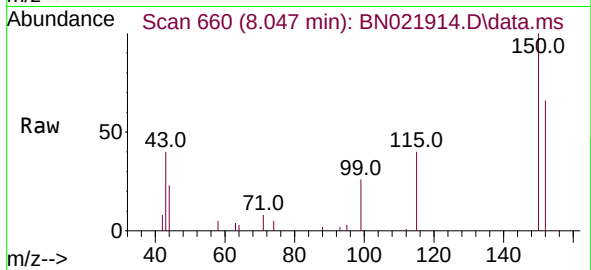
Quant Time: Sep 26 17:36:36 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 14 01:55:04 2022
Response via : Initial Calibration





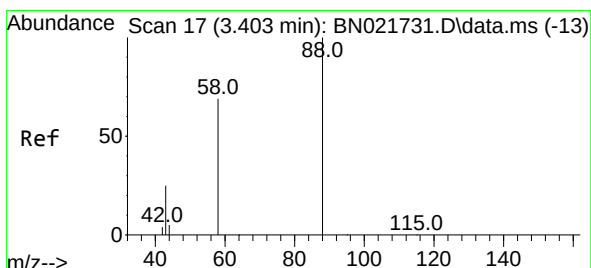
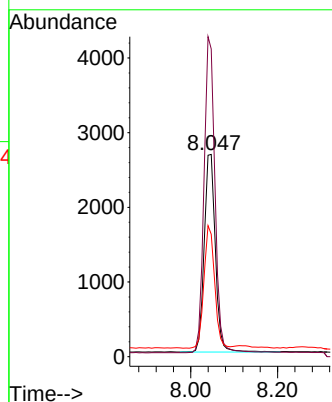
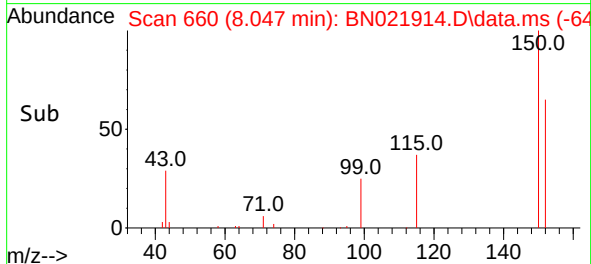
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.047 min Scan# 6
 Delta R.T. -0.015 min
 Lab File: BN021914.D
 Acq: 26 Sep 2022 12:22

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW5-GW-478-480

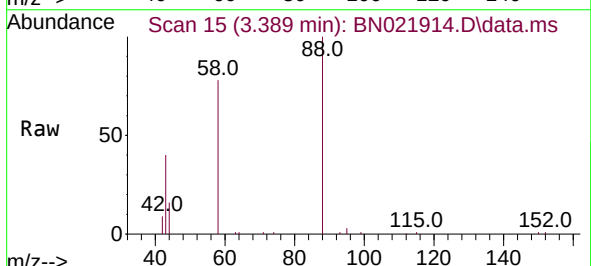


Tgt Ion:152 Resp: 4726

Ion	Ratio	Lower	Upper
152	100		
150	152.2	121.8	182.8
115	60.5	48.3	72.5

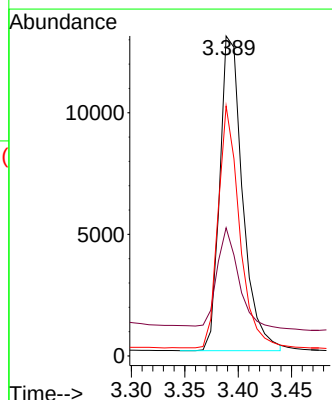
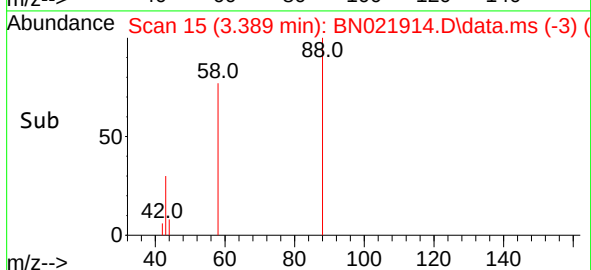


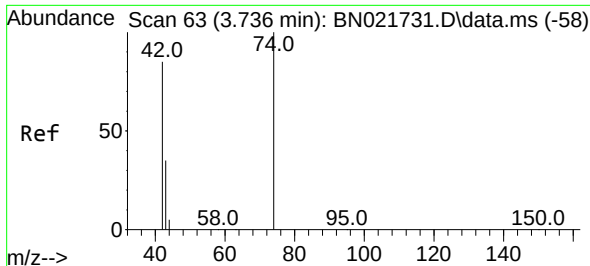
#2
 1,4-Dioxane
 Concen: 3.145 ng
 RT: 3.389 min Scan# 15
 Delta R.T. -0.015 min
 Lab File: BN021914.D
 Acq: 26 Sep 2022 12:22



Tgt Ion: 88 Resp: 19205

Ion	Ratio	Lower	Upper
88	100		
43	29.9	24.2	36.2
58	71.7	60.2	90.4

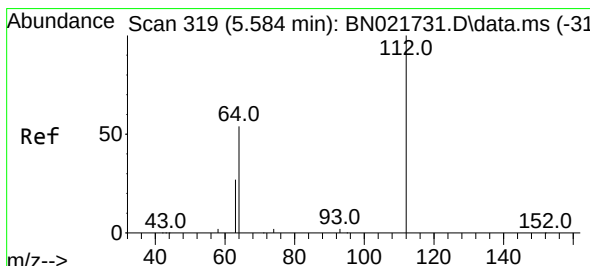
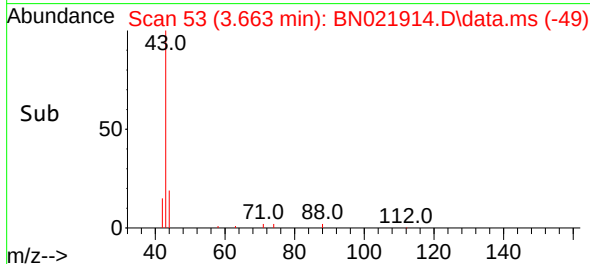
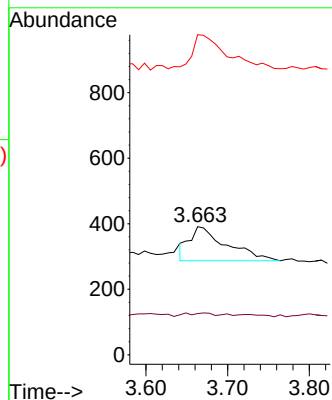
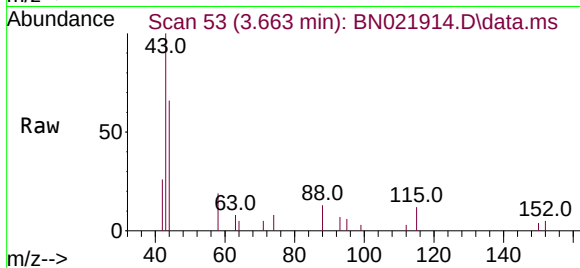




#3
n-Nitrosodimethylamine
Concen: 0.053 ng
RT: 3.663 min Scan# 51
Delta R.T. -0.072 min
Lab File: BN021914.D
Acq: 26 Sep 2022 12:22

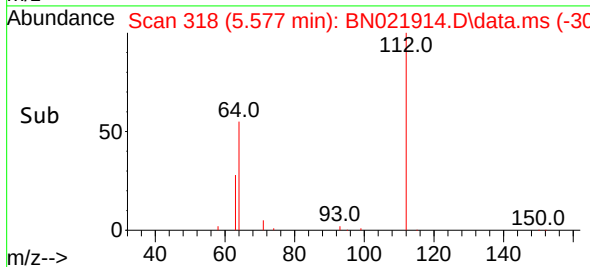
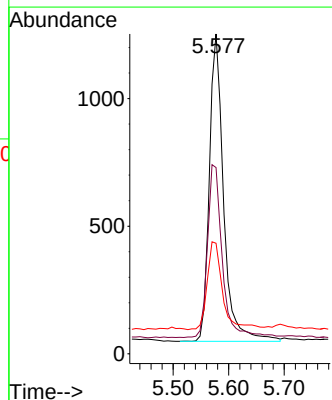
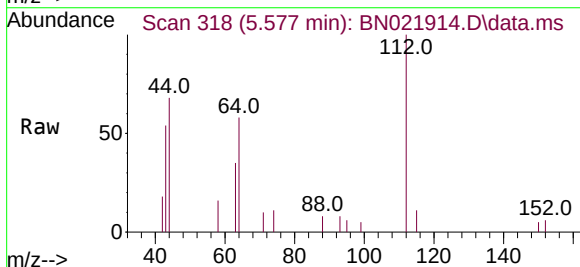
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW5-GW-478-480

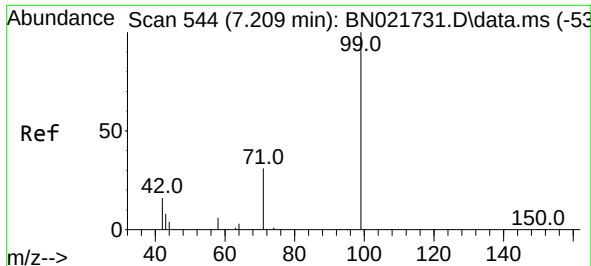
Tgt Ion: 42 Resp: 328
Ion Ratio Lower Upper
42 100
74 2.7 116.3 174.5#
44 89.0 9.0 13.4#



#4
2-Fluorophenol
Concen: 0.174 ng
RT: 5.577 min Scan# 318
Delta R.T. -0.007 min
Lab File: BN021914.D
Acq: 26 Sep 2022 12:22

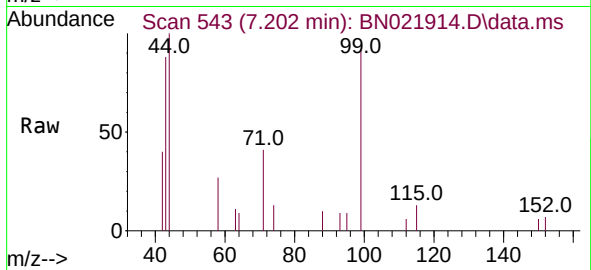
Tgt Ion: 112 Resp: 2156
Ion Ratio Lower Upper
112 100
64 58.4 45.4 68.2
63 30.9 23.3 34.9



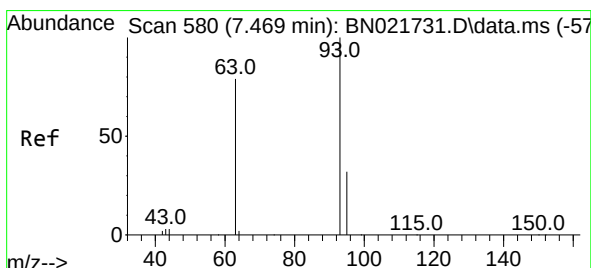
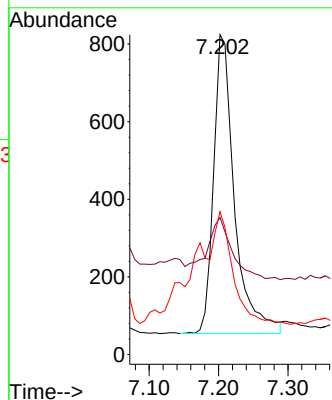
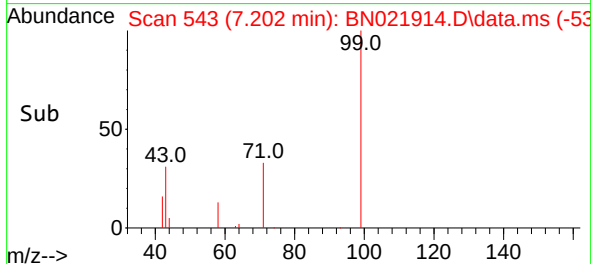


#5
Phenol-d6
Concen: 0.103 ng
RT: 7.202 min Scan# 544
Delta R.T. -0.007 min
Lab File: BN021914.D
Acq: 26 Sep 2022 12:22

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW5-GW-478-480

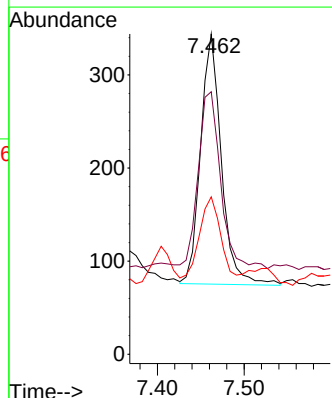
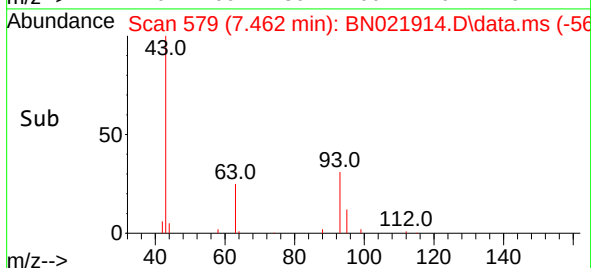
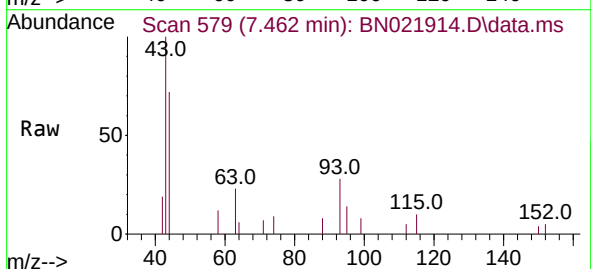


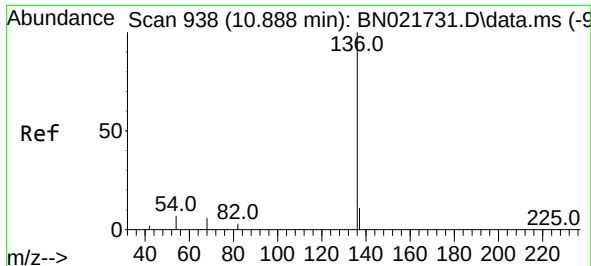
Tgt Ion: 99 Resp: 1615
Ion Ratio Lower Upper
99 100
42 23.7 15.1 22.7#
71 33.8 25.3 37.9



#6
bis(2-Chloroethyl)ether
Concen: 0.029 ng
RT: 7.462 min Scan# 579
Delta R.T. -0.007 min
Lab File: BN021914.D
Acq: 26 Sep 2022 12:22

Tgt Ion: 93 Resp: 447
Ion Ratio Lower Upper
93 100
63 77.0 60.0 90.0
95 35.6 26.2 39.4

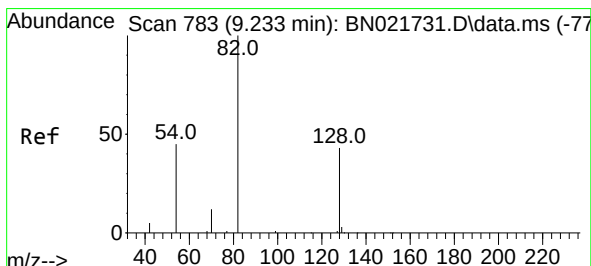
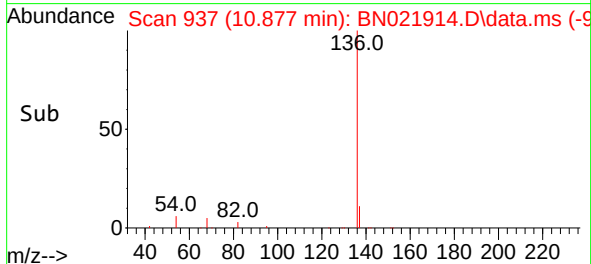
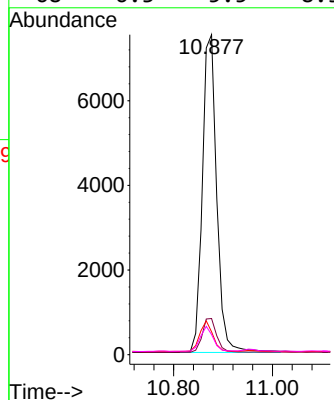
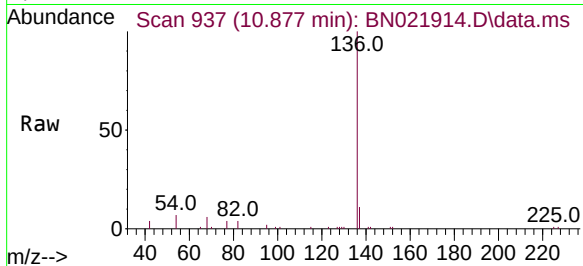




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.877 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN021914.D
Acq: 26 Sep 2022 12:22

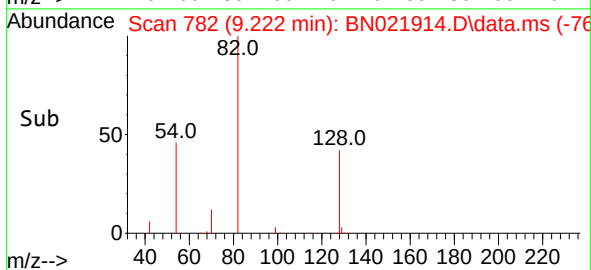
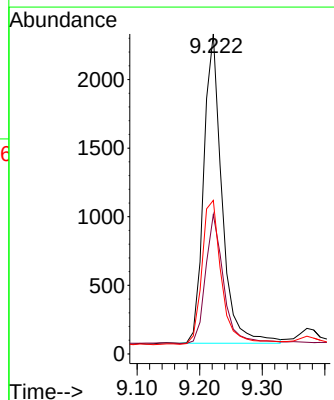
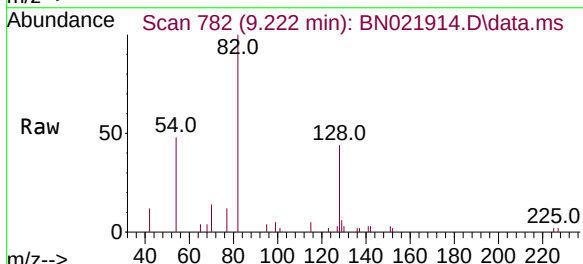
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW5-GW-478-480

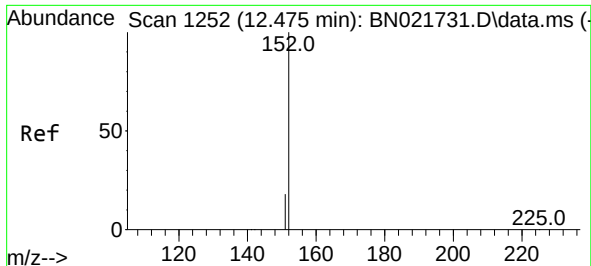
Tgt Ion:	136	Resp:	15139
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.1	13.7
54	7.2	6.4	9.6
68	6.3	5.5	8.3



#8
Nitrobenzene-d5
Concen: 0.364 ng
RT: 9.222 min Scan# 782
Delta R.T. -0.011 min
Lab File: BN021914.D
Acq: 26 Sep 2022 12:22

Tgt Ion:	82	Resp:	4560
Ion Ratio	Lower	Upper	
82	100		
128	43.6	35.6	53.4
54	48.0	37.8	56.8

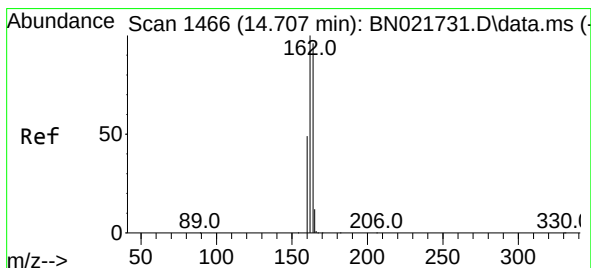
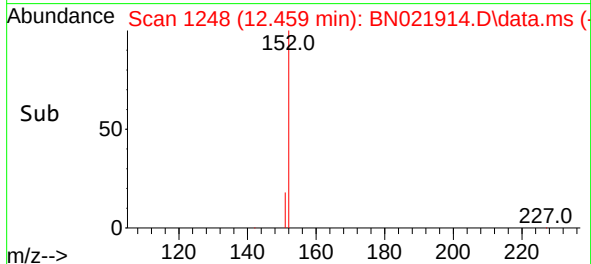
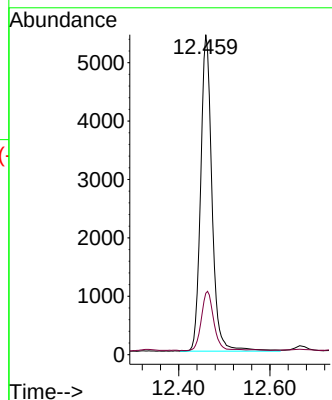
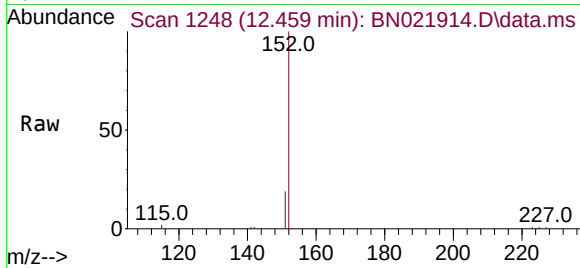




#11
2-Methylnaphthalene-d10
Concen: 0.367 ng
RT: 12.459 min Scan# 11
Delta R.T. -0.015 min
Lab File: BN021914.D
Acq: 26 Sep 2022 12:22

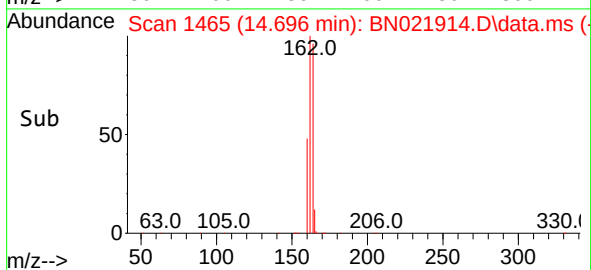
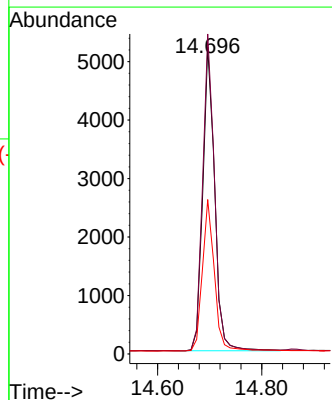
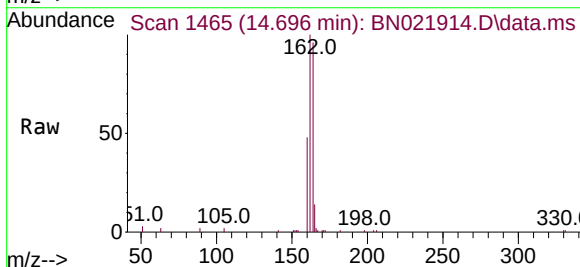
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW5-GW-478-480

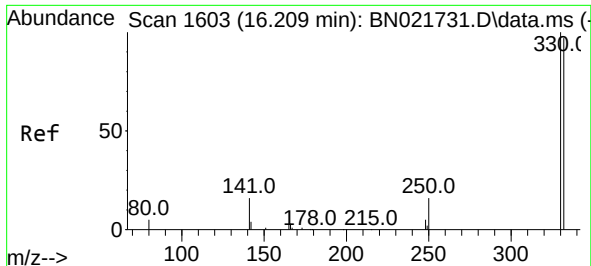
Tgt Ion:152 Resp: 13999
Ion Ratio Lower Upper
152 100
151 20.4 15.6 23.4



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.696 min Scan# 1465
Delta R.T. -0.011 min
Lab File: BN021914.D
Acq: 26 Sep 2022 12:22

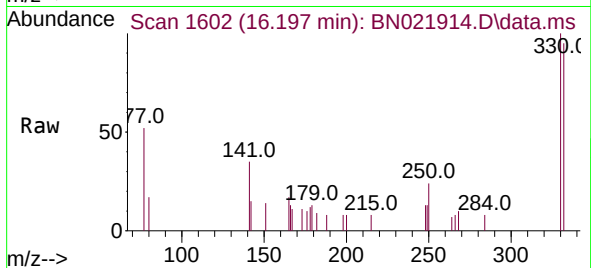
Tgt Ion:164 Resp: 8237
Ion Ratio Lower Upper
164 100
162 104.3 83.2 124.8
160 50.3 40.9 61.3



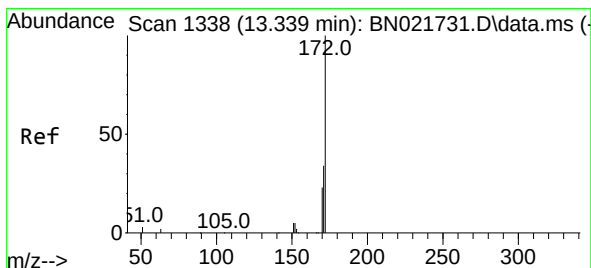
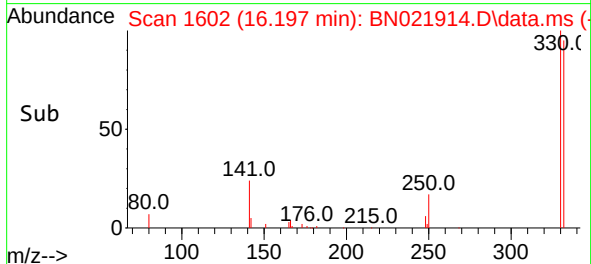
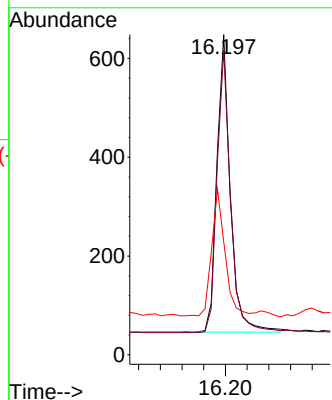


#14
2,4,6-Tribromophenol
Concen: 0.274 ng
RT: 16.197 min Scan# 1602
Delta R.T. -0.012 min
Lab File: BN021914.D
Acq: 26 Sep 2022 12:22

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW5-GW-478-480

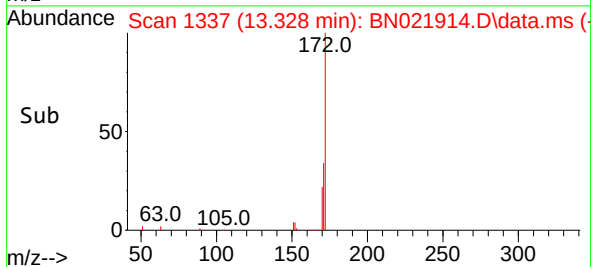
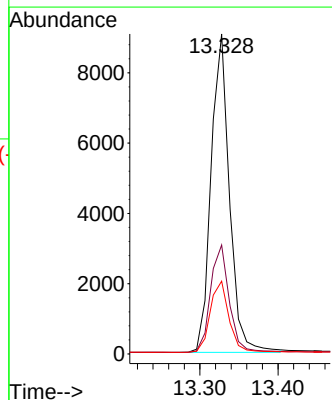
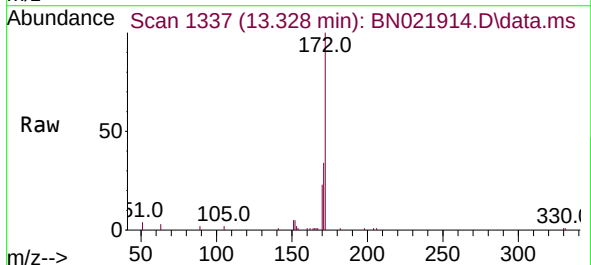


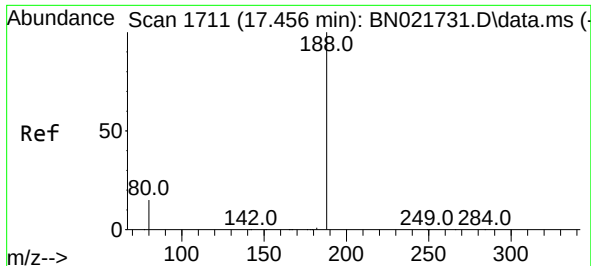
Tgt Ion:330 Resp: 1031
Ion Ratio Lower Upper
330 100
332 96.1 76.8 115.2
141 42.1 37.2 55.8



#15
2-Fluorobiphenyl
Concen: 0.440 ng
RT: 13.328 min Scan# 1337
Delta R.T. -0.011 min
Lab File: BN021914.D
Acq: 26 Sep 2022 12:22

Tgt Ion:172 Resp: 14790
Ion Ratio Lower Upper
172 100
171 34.1 27.7 41.5
170 22.8 18.8 28.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.444 min Scan# 1

Delta R.T. -0.012 min

Lab File: BN021914.D

Acq: 26 Sep 2022 12:22

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW5-GW-478-480

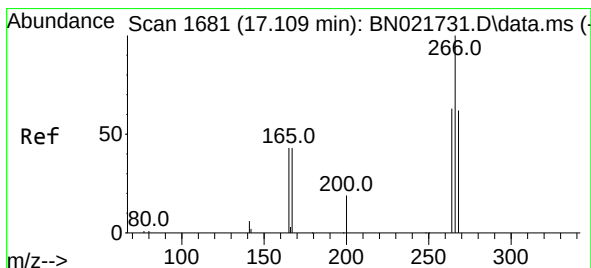
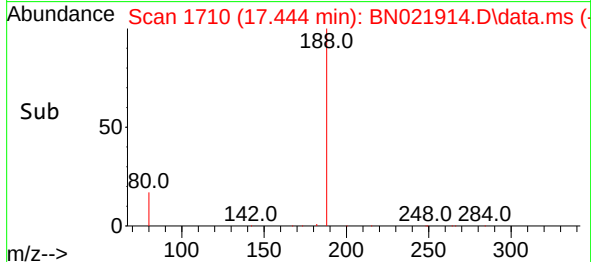
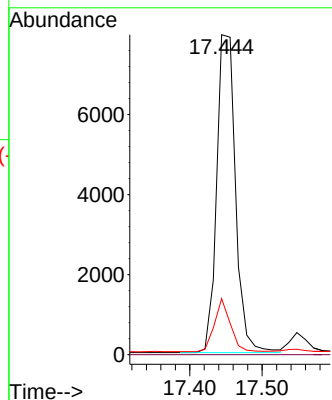
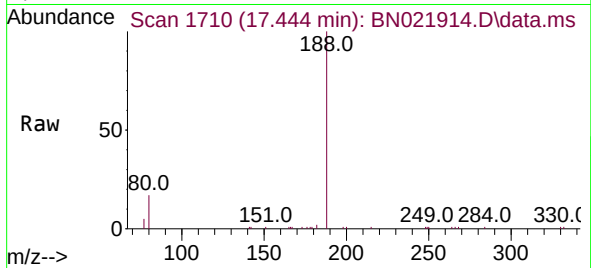
Tgt Ion:188 Resp: 14359

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 17.5 12.6 19.0



#24

Pentachlorophenol

Concen: 0.023 ng

RT: 17.109 min Scan# 1681

Delta R.T. -0.000 min

Lab File: BN021914.D

Acq: 26 Sep 2022 12:22

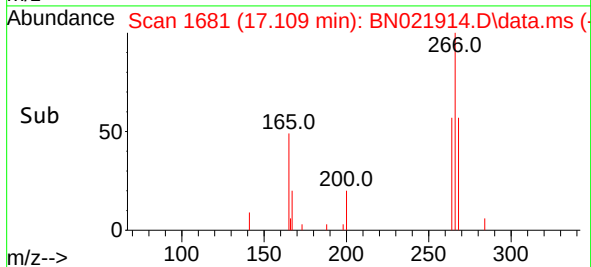
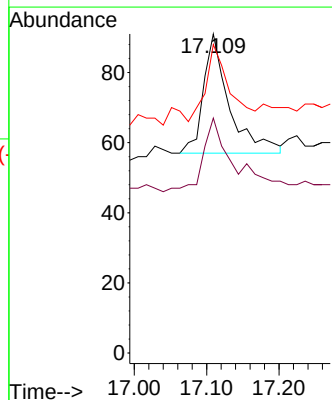
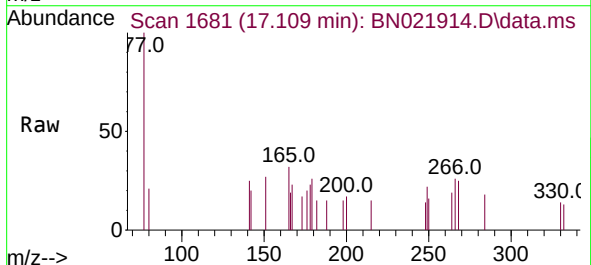
Tgt Ion:266 Resp: 85

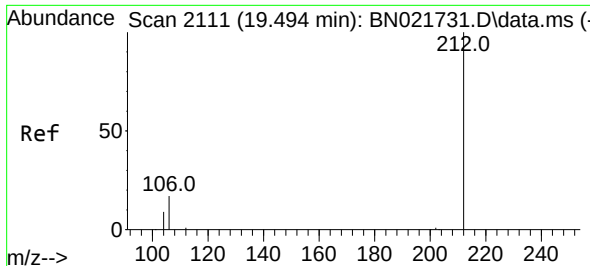
Ion Ratio Lower Upper

266 100

264 76.5 50.0 75.0#

268 72.9 50.2 75.2

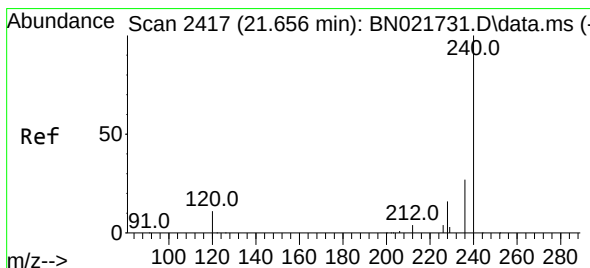
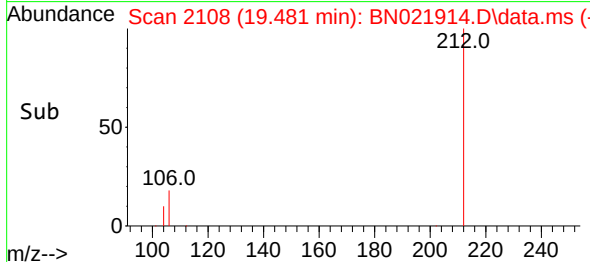
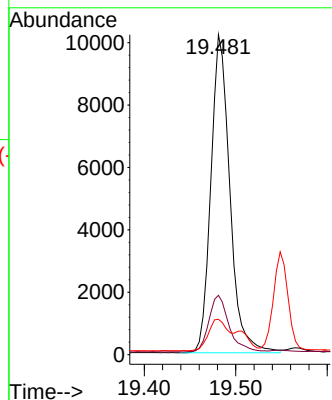
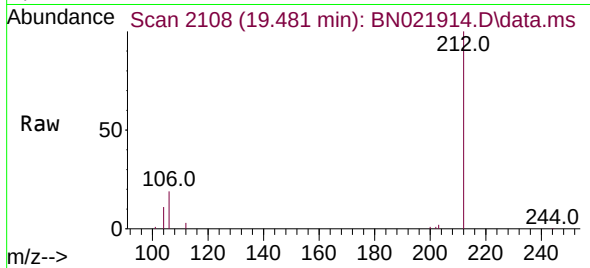




#27
Fluoranthene-d10
Concen: 0.380 ng
RT: 19.481 min Scan# 2111
Delta R.T. -0.013 min
Lab File: BN021914.D
Acq: 26 Sep 2022 12:22

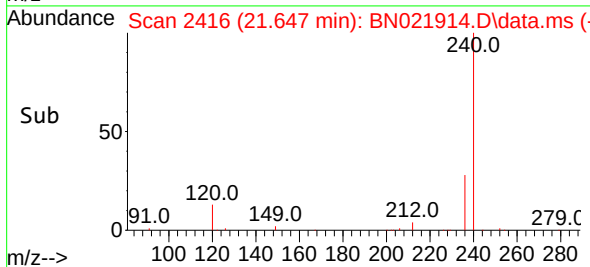
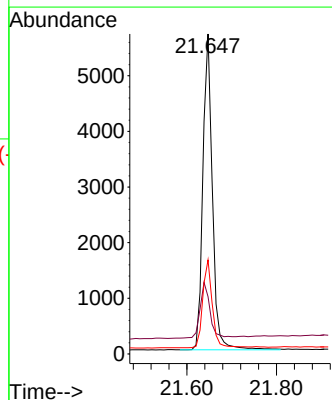
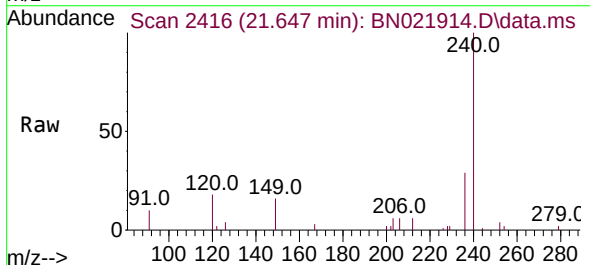
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW5-GW-478-480

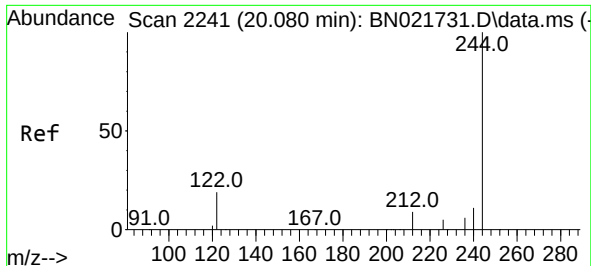
Tgt Ion:212 Resp: 14673
Ion Ratio Lower Upper
212 100
106 18.9 14.3 21.5
104 10.8 8.0 12.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.647 min Scan# 2416
Delta R.T. -0.009 min
Lab File: BN021914.D
Acq: 26 Sep 2022 12:22

Tgt Ion:240 Resp: 8424
Ion Ratio Lower Upper
240 100
120 17.9 9.8 14.8#
236 29.4 22.2 33.4

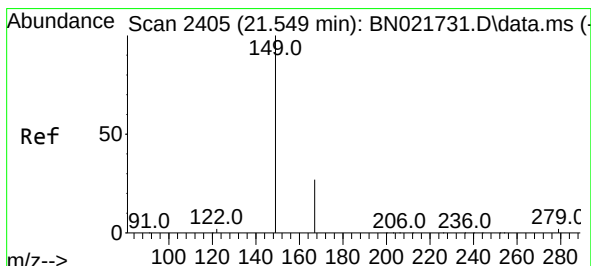
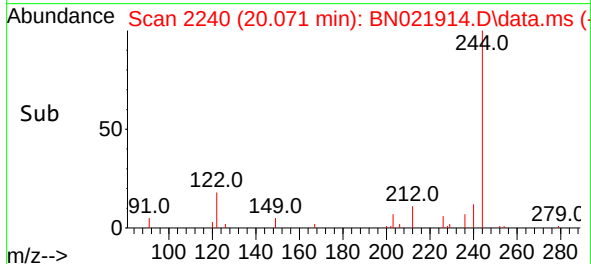
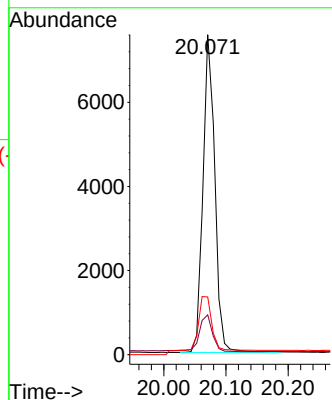
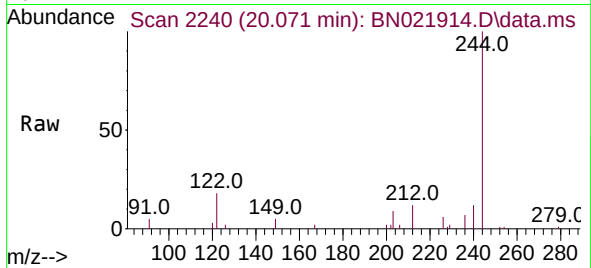




#31
 Terphenyl-d14
 Concen: 0.519 ng
 RT: 20.071 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN021914.D
 Acq: 26 Sep 2022 12:22

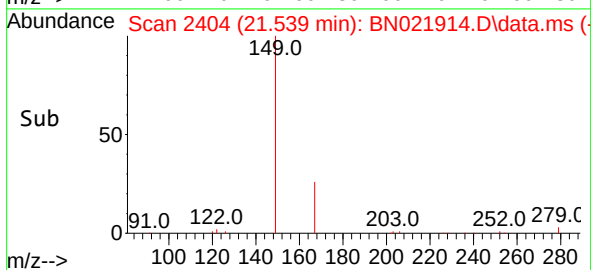
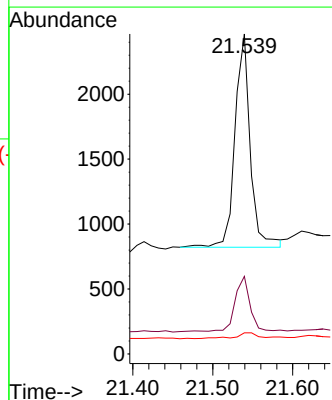
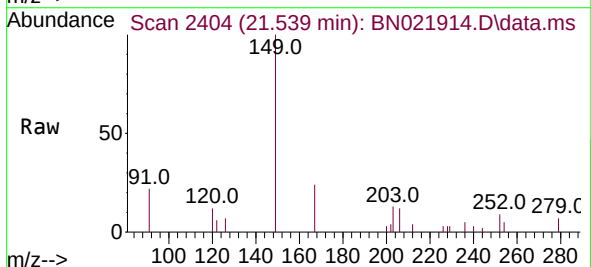
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW5-GW-478-480

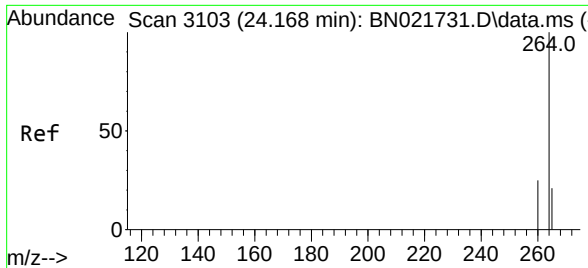
Tgt Ion:244 Resp: 9988
 Ion Ratio Lower Upper
 244 100
 212 12.4 7.9 11.9#
 122 18.0 15.8 23.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.101 ng
 RT: 21.539 min Scan# 2404
 Delta R.T. -0.009 min
 Lab File: BN021914.D
 Acq: 26 Sep 2022 12:22

Tgt Ion:149 Resp: 2181
 Ion Ratio Lower Upper
 149 100
 167 25.8 20.8 31.2
 279 4.7 2.1 3.1#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.154 min Scan# 3098
 Delta R.T. -0.015 min
 Lab File: BN021914.D
 Acq: 26 Sep 2022 12:22

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW5-GW-478-480

Tgt Ion:	264	Resp:	6787
Ion	Ratio	Lower	Upper
264	100		
260	27.5	20.6	31.0
265	99.1	34.4	51.6

