

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083022\
 Data File : BN021474.D
 Acq On : 31 Aug 2022 03:33
 Operator : CG/JU
 Sample : N4298-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE104D3-20220822

Quant Time: Aug 31 04:10:51 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 29 16:30:43 2022
 Response via : Initial Calibration

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

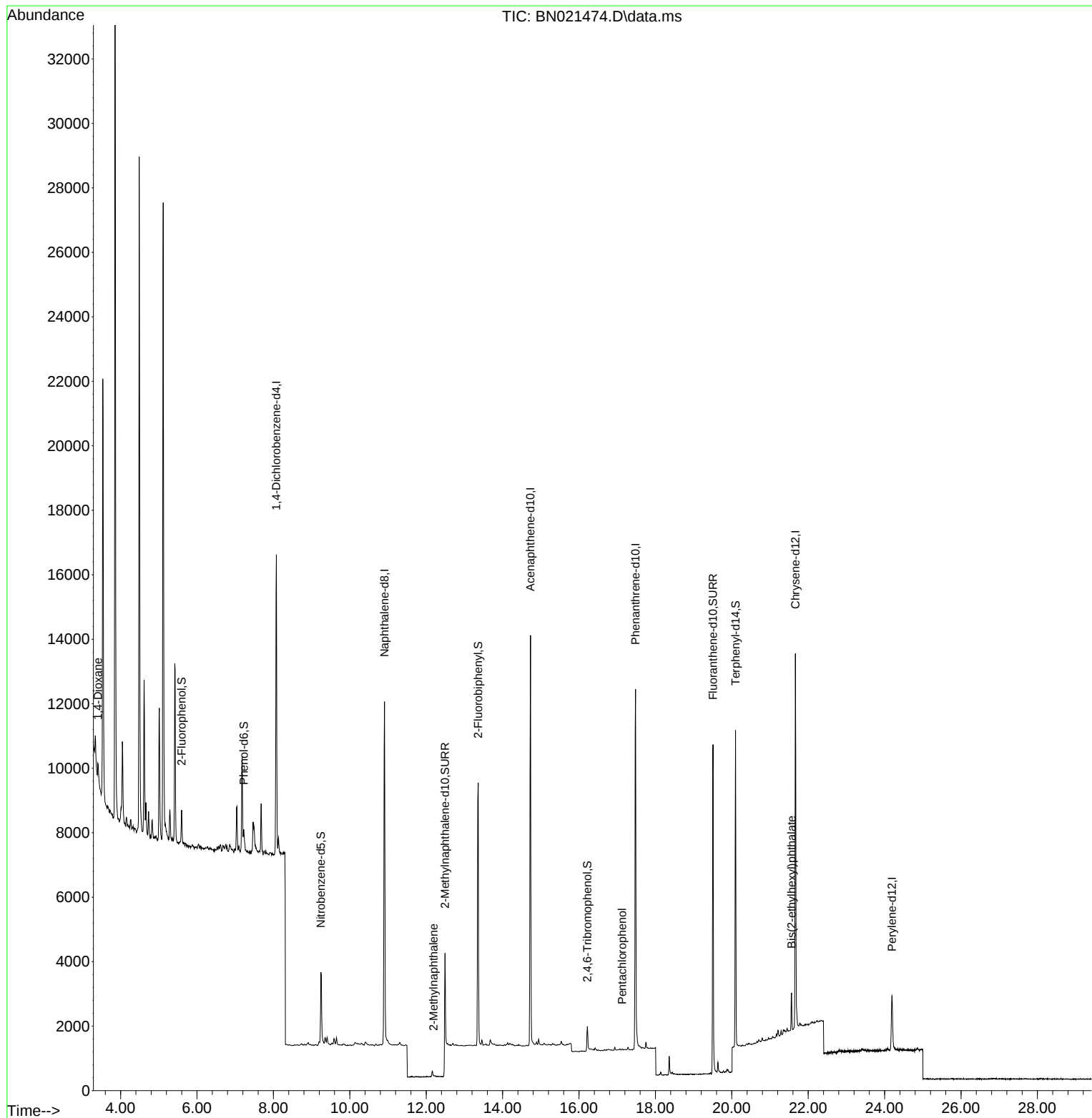
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.076	152	4657	0.400	ng	0.00
7) Naphthalene-d8	10.909	136	14900	0.400	ng	# 0.00
13) Acenaphthene-d10	14.728	164	7104	0.400	ng	0.00
19) Phenanthrene-d10	17.480	188	16401	0.400	ng	0.00
29) Chrysene-d12	21.664	240	10927	0.400	ng	# 0.00
35) Perylene-d12	24.191	264	2834	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.599	112	936	0.103	ng	0.00
5) Phenol-d6	7.224	99	638	0.055	ng	0.00
8) Nitrobenzene-d5	9.243	82	2177	0.216	ng	-0.01
11) 2-Methylnaphthalene-d10	12.493	152	8011	0.239	ng	0.00
14) 2,4,6-Tribromophenol	16.218	330	487	0.209	ng	0.00
15) 2-Fluorobiphenyl	13.360	172	7835	0.252	ng	0.00
27) Fluoranthene-d10	19.505	212	11438	0.271	ng	0.00
31) Terphenyl-d14	20.097	244	8404	0.342	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.410	88	381	0.065	ng	# 59
12) 2-Methylnaphthalene	12.191	142	3	0.127	ng	# 1
24) Pentachlorophenol	17.131	266	14	0.206	ng	# 42
34) Bis(2-ethylhexyl)phtha...	21.565	149	1253	0.082	ng	# 99

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

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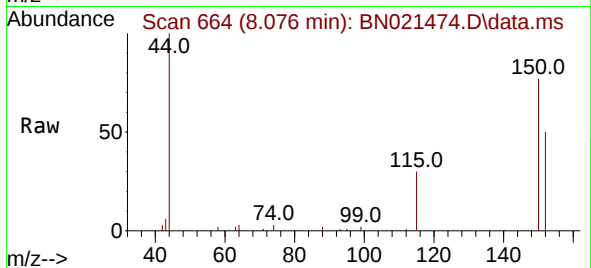
Quant Time: Aug 31 04:10:51 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 29 16:30:43 2022
Response via : Initial Calibration



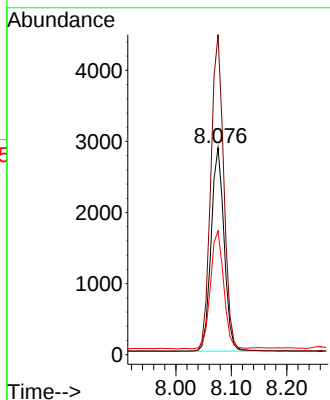
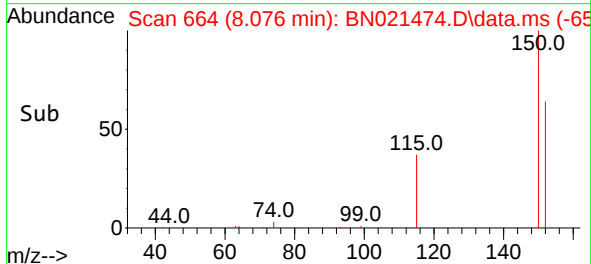


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.076 min Scan# 60
Delta R.T. -0.007 min
Lab File: BN021474.D
Acq: 31 Aug 2022 03:33

Instrument :
BNA_N
ClientSampleId :
RE104D3-20220822

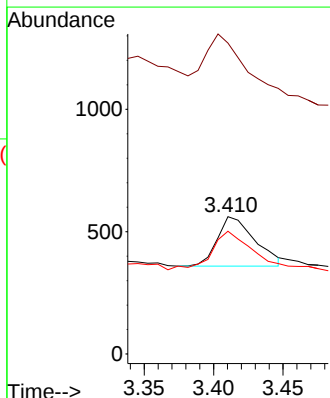
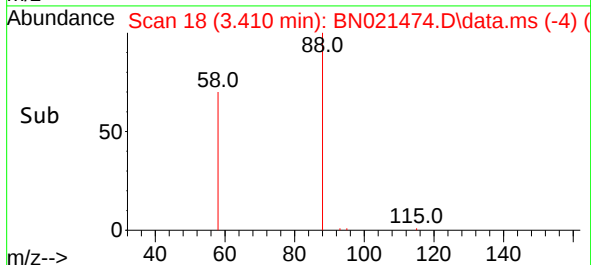
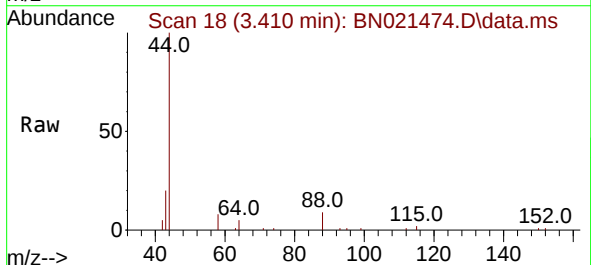


Tgt Ion:152 Resp: 4657
Ion Ratio Lower Upper
152 100
150 154.5 121.4 182.0
115 59.8 48.6 72.8



#2
1,4-Dioxane
Concen: 0.065 ng
RT: 3.410 min Scan# 18
Delta R.T. -0.000 min
Lab File: BN021474.D
Acq: 31 Aug 2022 03:33

Tgt Ion: 88 Resp: 381
Ion Ratio Lower Upper
88 100
43 100.0 35.8 53.8#
58 82.2 57.1 85.7

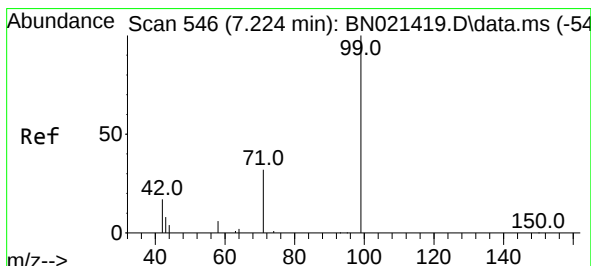
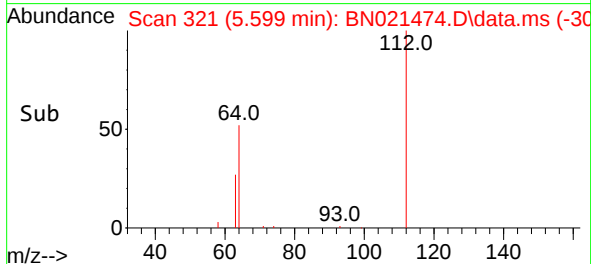
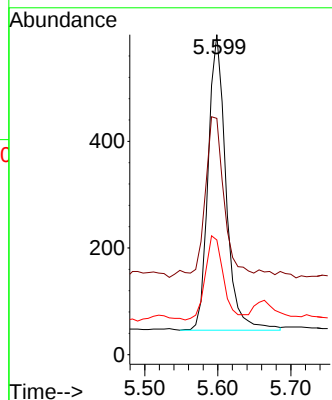
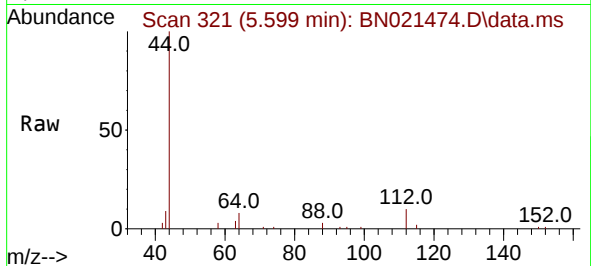




#4
2-Fluorophenol
Concen: 0.103 ng
RT: 5.599 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN021474.D
Acq: 31 Aug 2022 03:33

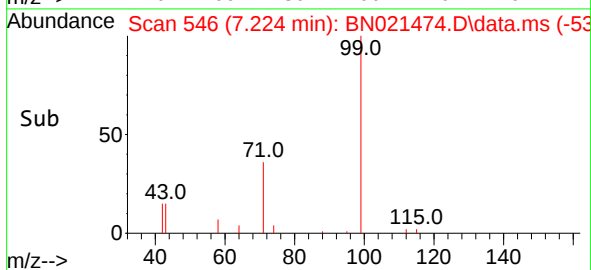
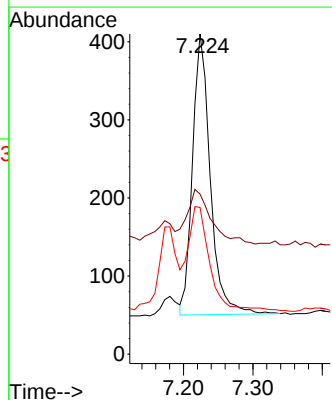
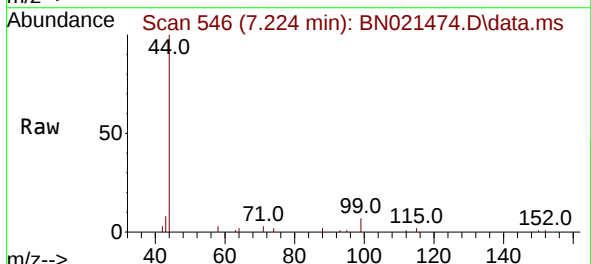
Instrument :
BNA_N
ClientSampleId :
RE104D3-20220822

Tgt Ion:112 Resp: 936
Ion Ratio Lower Upper
112 100
64 58.4 43.5 65.3
63 29.1 22.6 34.0



#5
Phenol-d6
Concen: 0.055 ng
RT: 7.224 min Scan# 546
Delta R.T. -0.000 min
Lab File: BN021474.D
Acq: 31 Aug 2022 03:33

Tgt Ion: 99 Resp: 638
Ion Ratio Lower Upper
99 100
42 26.6 15.5 23.3#
71 45.1 24.2 36.2#

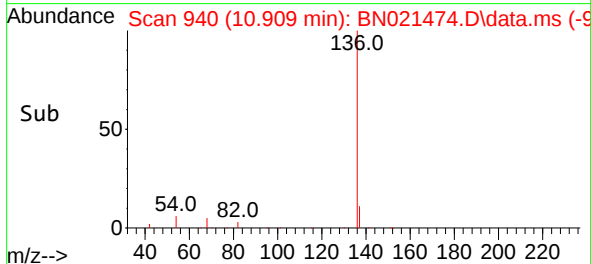
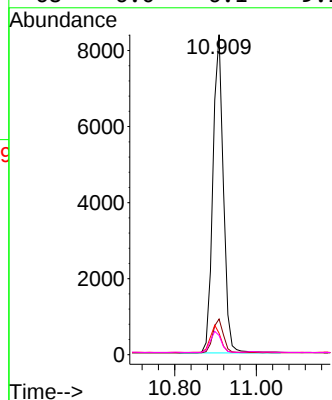
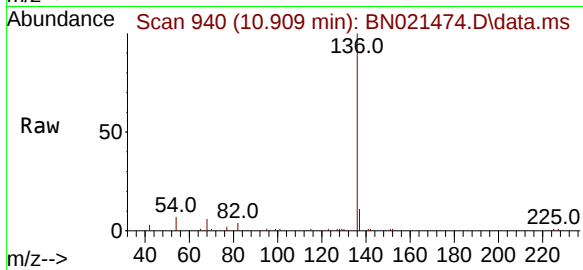




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.909 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN021474.D
Acq: 31 Aug 2022 03:33

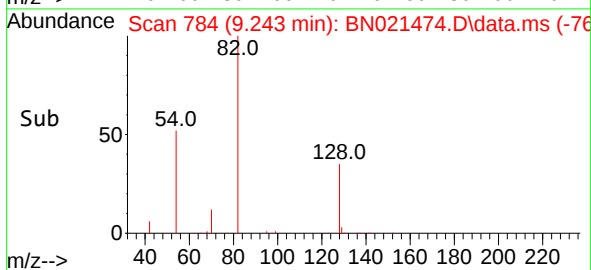
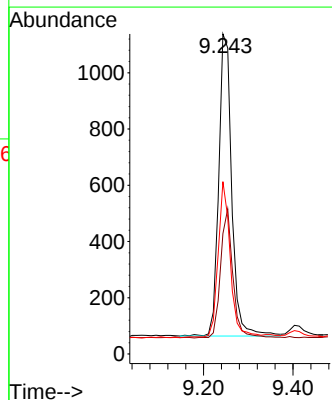
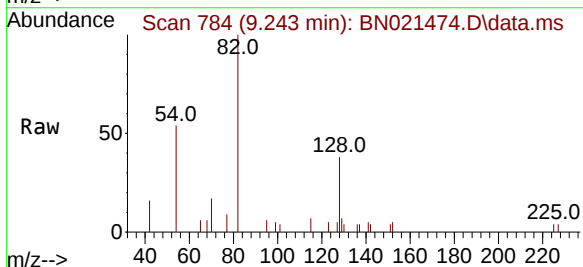
Instrument :
BNA_N
ClientSampleId :
RE104D3-20220822

Tgt Ion:	136	Resp:	14900
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.3	13.9
54	6.7	6.9	10.3#
68	6.0	6.1	9.1#



#8
Nitrobenzene-d5
Concen: 0.216 ng
RT: 9.243 min Scan# 784
Delta R.T. -0.011 min
Lab File: BN021474.D
Acq: 31 Aug 2022 03:33

Tgt Ion:	82	Resp:	2177
Ion Ratio	Lower	Upper	
82	100		
128	37.6	30.9	46.3
54	53.9	42.7	64.1





#11

2-Methylnaphthalene-d10

Concen: 0.239 ng

RT: 12.493 min Scan# 11

Delta R.T. -0.004 min

Lab File: BN021474.D

Acq: 31 Aug 2022 03:33

Instrument :

BNA_N

ClientSampleId :

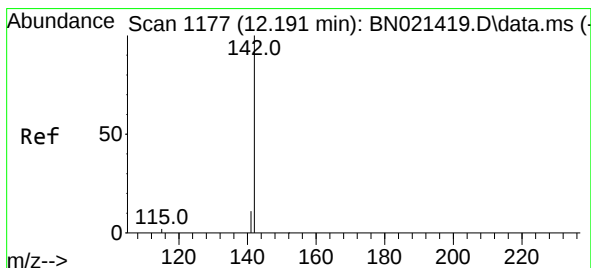
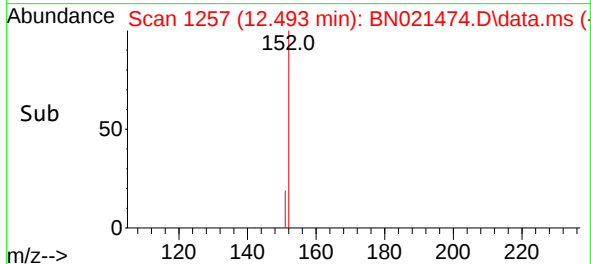
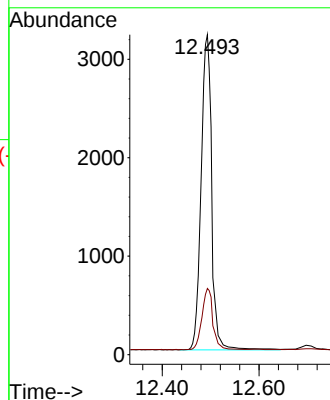
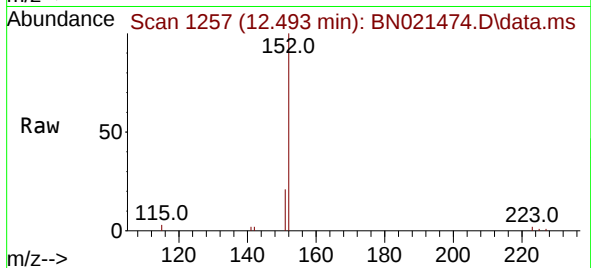
RE104D3-20220822

Tgt Ion:152 Resp: 8011

Ion Ratio Lower Upper

152 100

151 16.6 14.5 21.7



#12

2-Methylnaphthalene

Concen: 0.127 ng

RT: 12.191 min Scan# 1177

Delta R.T. -0.000 min

Lab File: BN021474.D

Acq: 31 Aug 2022 03:33

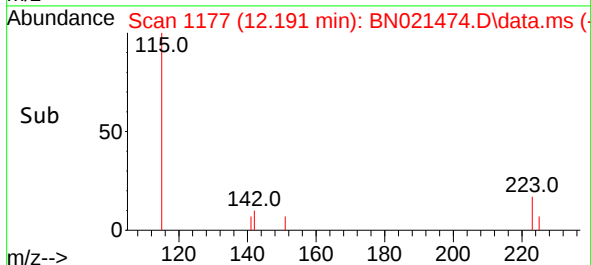
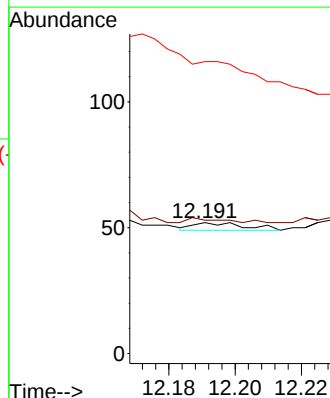
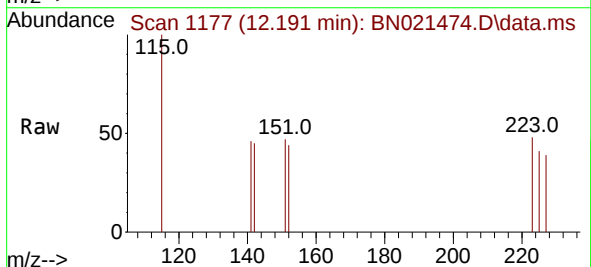
Tgt Ion:142 Resp: 3

Ion Ratio Lower Upper

142 100

141 101.9 12.2 18.2#

115 223.1 7.9 11.9#

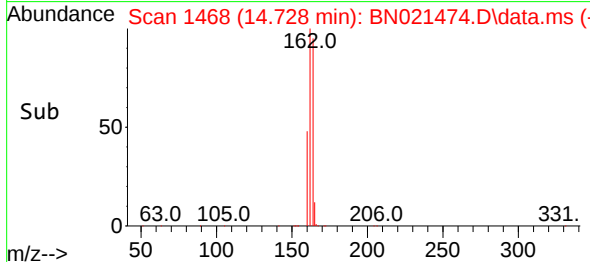
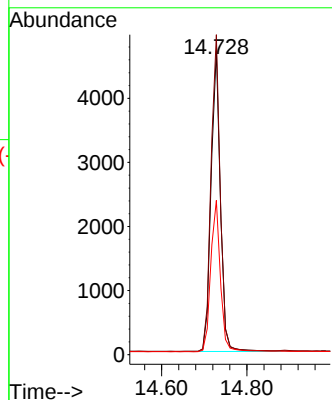
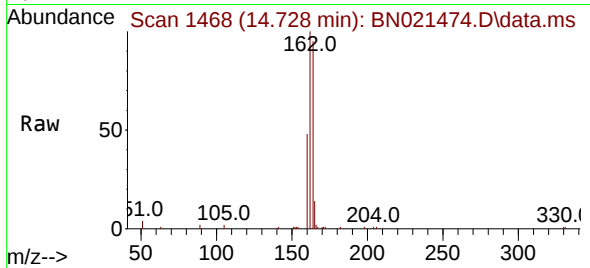




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.728 min Scan# 1468
Delta R.T. 0.000 min
Lab File: BN021474.D
Acq: 31 Aug 2022 03:33

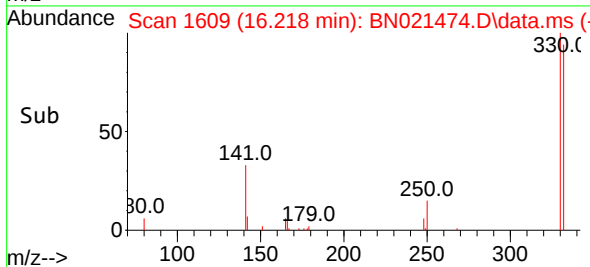
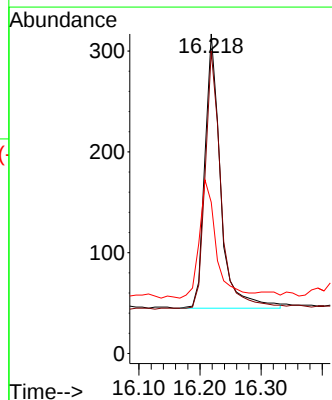
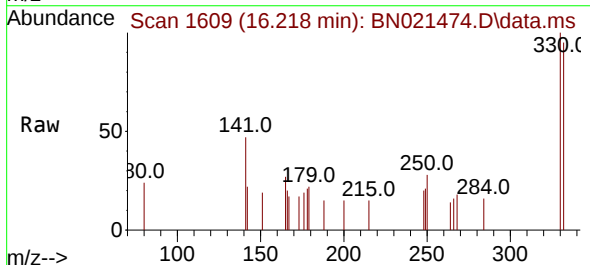
Instrument :
BNA_N
ClientSampleId :
RE104D3-20220822

Tgt Ion:	164	Resp:	7104
Ion Ratio	Lower	Upper	
164	100		
162	105.2	82.2	123.4
160	50.7	39.5	59.3



#14
2,4,6-Tribromophenol
Concen: 0.209 ng
RT: 16.218 min Scan# 1609
Delta R.T. 0.000 min
Lab File: BN021474.D
Acq: 31 Aug 2022 03:33

Tgt Ion:	330	Resp:	487
Ion Ratio	Lower	Upper	
330	100		
332	93.2	79.3	118.9
141	46.2	37.1	55.7

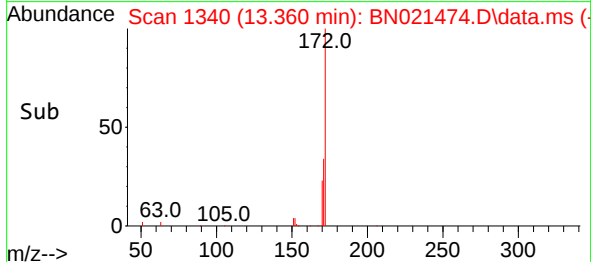
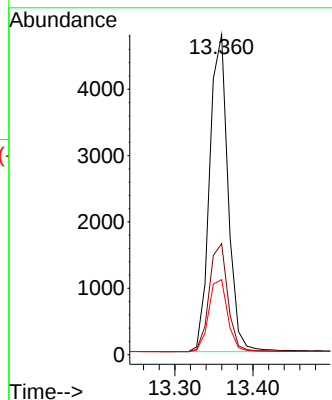
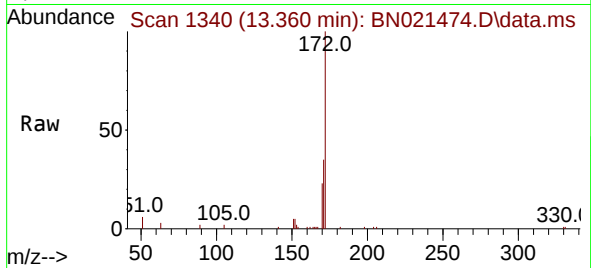




#15
2-Fluorobiphenyl
Concen: 0.252 ng
RT: 13.360 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BN021474.D
Acq: 31 Aug 2022 03:33

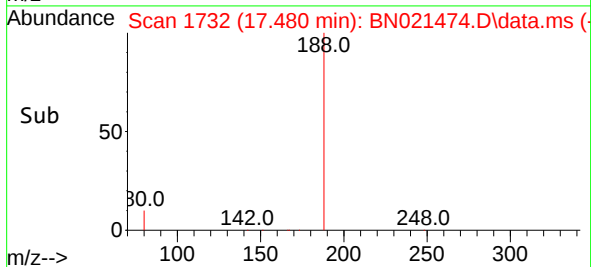
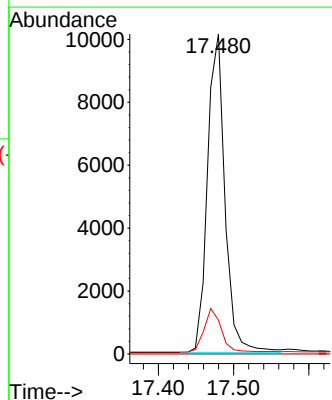
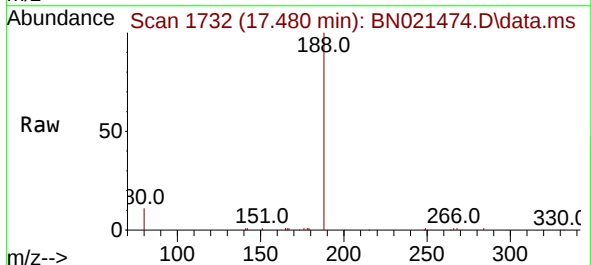
Instrument :
BNA_N
ClientSampleId :
RE104D3-20220822

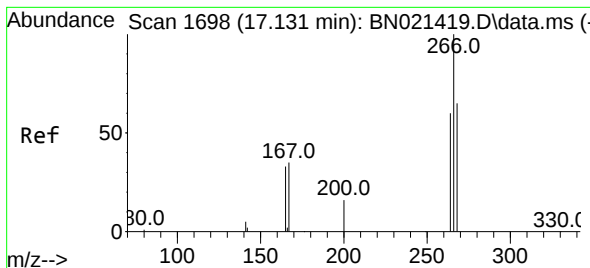
Tgt Ion:172 Resp: 7835
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.6
170 23.5 18.6 28.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.480 min Scan# 1732
Delta R.T. -0.000 min
Lab File: BN021474.D
Acq: 31 Aug 2022 03:33

Tgt Ion:188 Resp: 16401
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.6 9.5 14.3





#24

Pentachlorophenol

Concen: 0.206 ng

RT: 17.131 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN021474.D

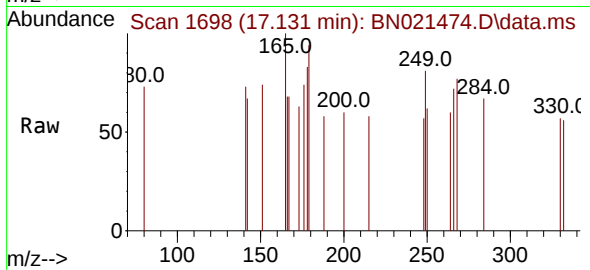
Acq: 31 Aug 2022 03:33

Instrument :

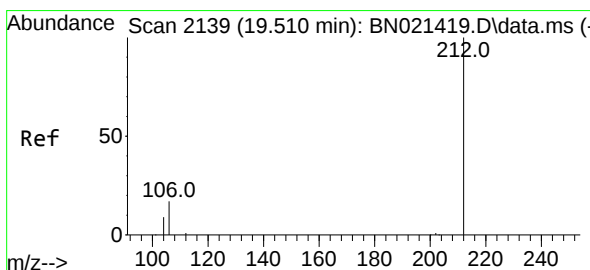
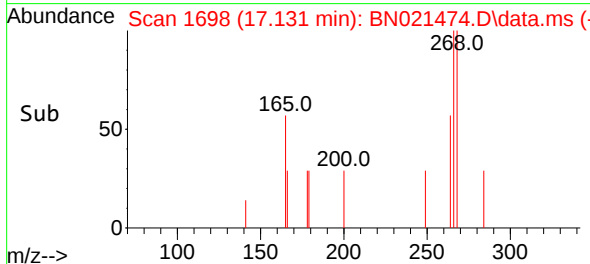
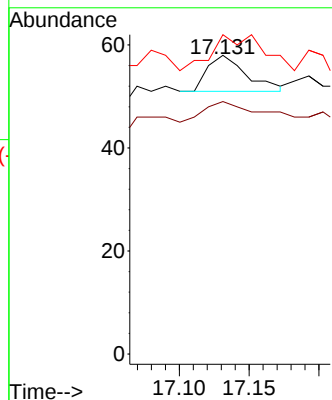
BNA_N

ClientSampleId :

RE104D3-20220822



Tgt Ion:	266	Resp:	14
Ion Ratio	Lower	Upper	
266	100		
264	85.7	49.0	73.6#
268	128.6	50.9	76.3#



#27

Fluoranthene-d10

Concen: 0.271 ng

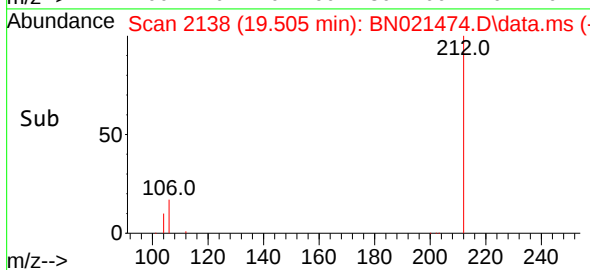
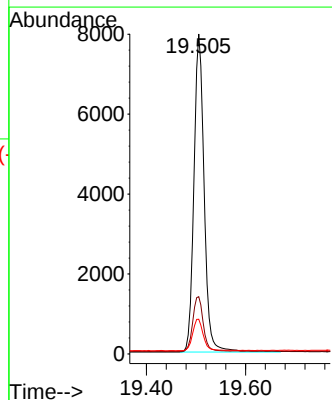
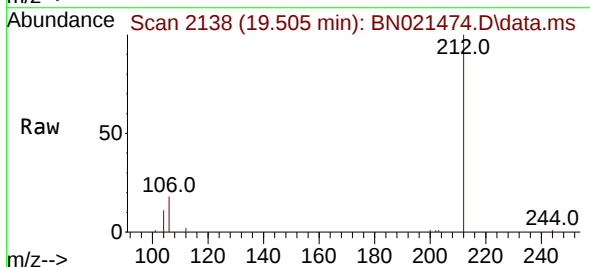
RT: 19.505 min Scan# 2138

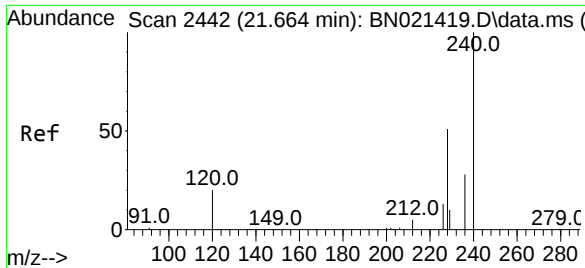
Delta R.T. -0.004 min

Lab File: BN021474.D

Acq: 31 Aug 2022 03:33

Tgt Ion:	212	Resp:	11438
Ion Ratio	Lower	Upper	
212	100		
106	17.7	14.2	21.2
104	10.4	7.8	11.6

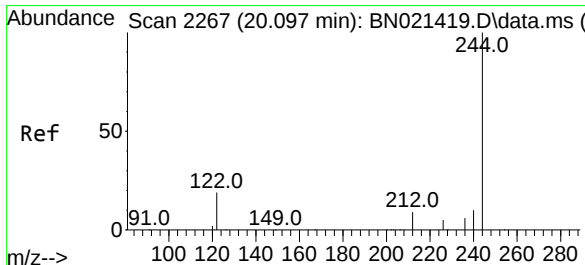
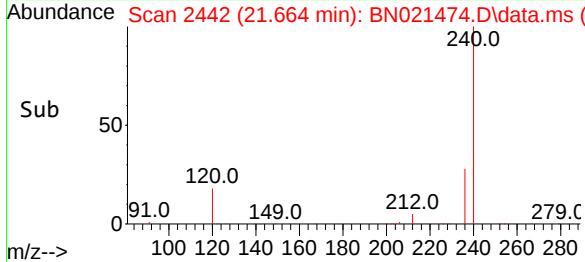
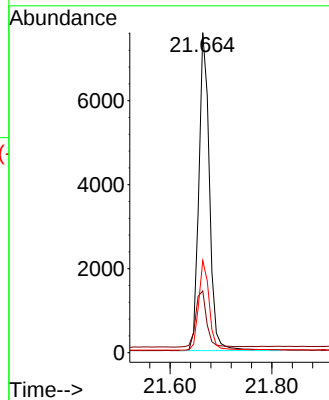
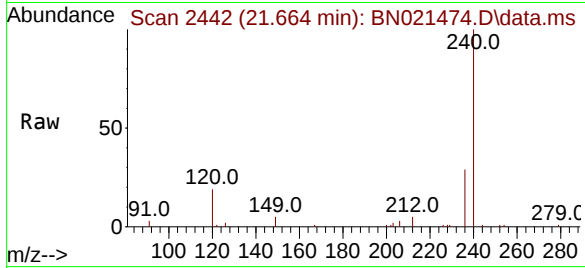




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.664 min Scan# 2442
Delta R.T. -0.000 min
Lab File: BN021474.D
Acq: 31 Aug 2022 03:33

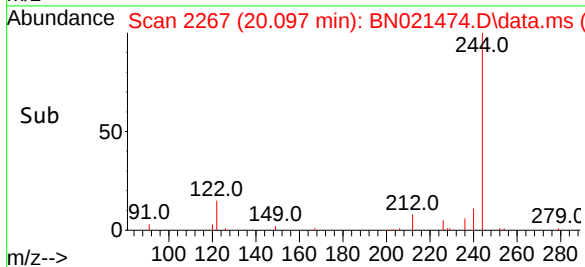
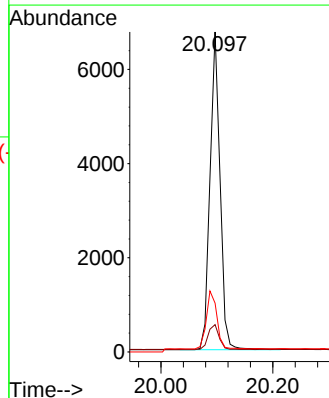
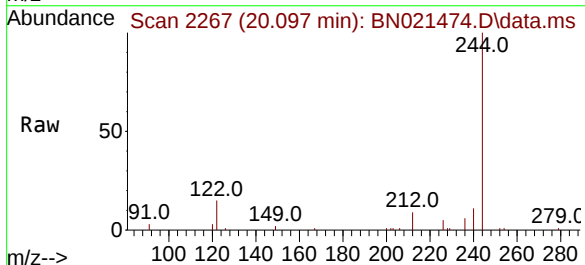
Instrument :
BNA_N
ClientSampleId :
RE104D3-20220822

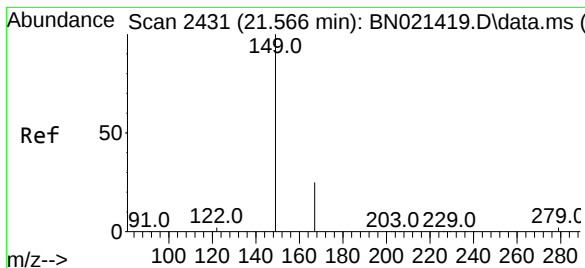
Tgt Ion:240 Resp: 10927
Ion Ratio Lower Upper
240 100
120 19.3 10.2 15.4#
236 28.7 22.1 33.1



#31
Terphenyl-d14
Concen: 0.342 ng
RT: 20.097 min Scan# 2267
Delta R.T. -0.000 min
Lab File: BN021474.D
Acq: 31 Aug 2022 03:33

Tgt Ion:244 Resp: 8404
Ion Ratio Lower Upper
244 100
212 8.5 6.5 9.7
122 15.3 9.1 13.7#

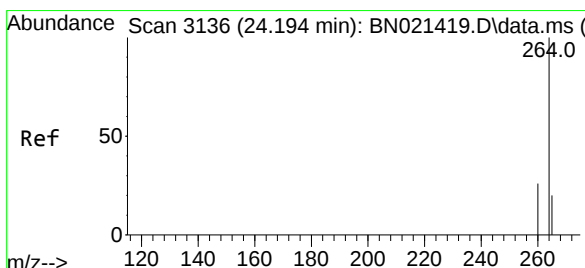
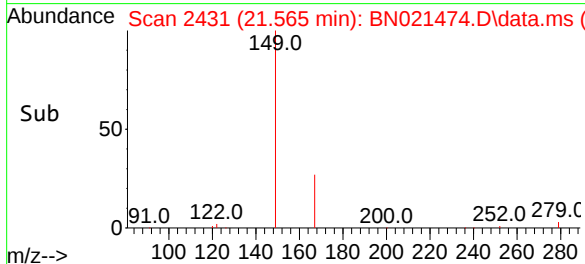
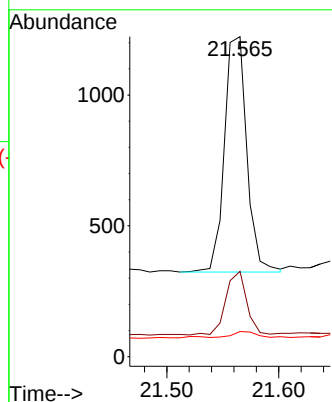
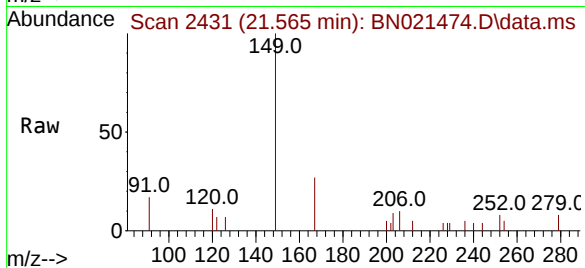




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.082 ng
 RT: 21.565 min Scan# 2431
 Delta R.T. -0.000 min
 Lab File: BN021474.D
 Acq: 31 Aug 2022 03:33

Instrument :
 BNA_N
 ClientSampleId :
 RE104D3-20220822

Tgt Ion:149 Resp: 1253
 Ion Ratio Lower Upper
 149 100
 167 25.9 21.4 32.0
 279 3.0 2.2 3.2



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.191 min Scan# 3135
 Delta R.T. -0.003 min
 Lab File: BN021474.D
 Acq: 31 Aug 2022 03:33

Tgt Ion:264 Resp: 2834
 Ion Ratio Lower Upper
 264 100
 260 30.4 21.0 31.6
 265 68.4 32.2 48.2#

