

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082422\
 Data File : BN021366.D
 Acq On : 25 Aug 2022 10:58
 Operator : CG/JU
 Sample : N4245-14
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE126D1-20220817

Quant Time: Aug 25 16:22:58 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 06:55:06 2022
 Response via : Initial Calibration

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

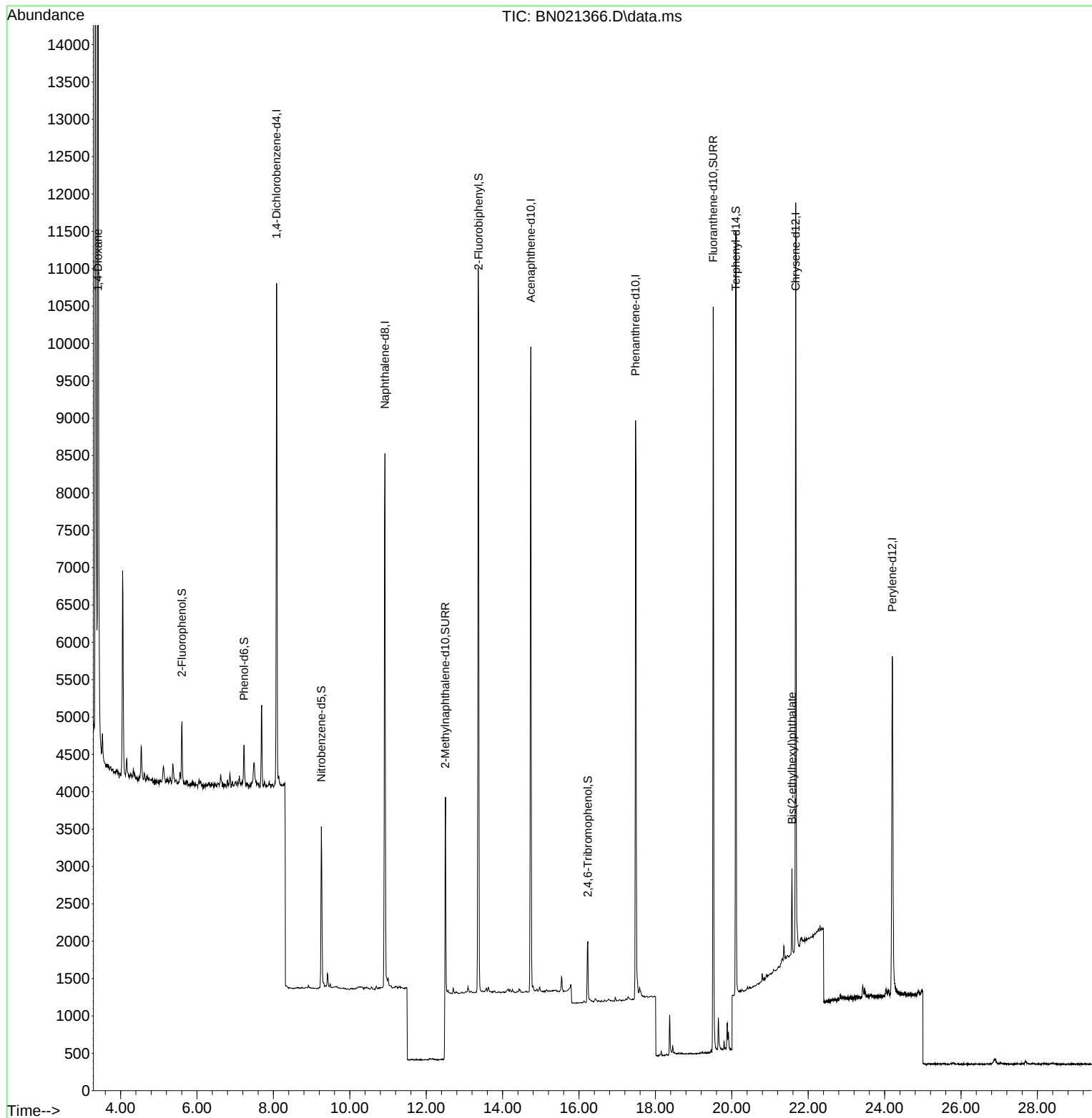
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.083	152	3261	0.400	ng	0.00
7) Naphthalene-d8	10.920	136	9988	0.400	ng	0.00
13) Acenaphthene-d10	14.739	164	5241	0.400	ng	0.00
19) Phenanthrene-d10	17.480	188	11184	0.400	ng	#-0.01
29) Chrysene-d12	21.673	240	9115	0.400	ng	# 0.00
35) Perylene-d12	24.200	264	7298	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.606	112	725	0.082	ng	0.00
5) Phenol-d6	7.231	99	524	0.047	ng	0.00
8) Nitrobenzene-d5	9.254	82	1895	0.251	ng	0.00
11) 2-Methylnaphthalene-d10	12.501	152	5556	0.329	ng	0.00
14) 2,4,6-Tribromophenol	16.229	330	526	0.219	ng	0.00
15) 2-Fluorobiphenyl	13.371	172	9171	0.391	ng	0.00
27) Fluoranthene-d10	19.514	212	10683	0.320	ng	0.00
31) Terphenyl-d14	20.106	244	8670	0.450	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.410	88	10714	2.369	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.575	149	1079	0.065	ng	100

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

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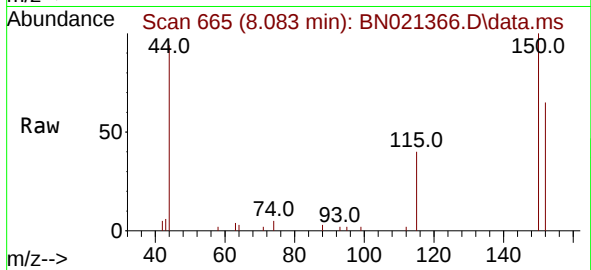
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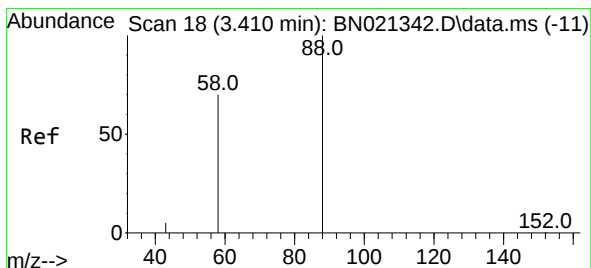
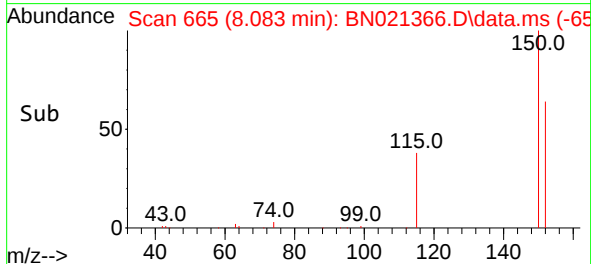
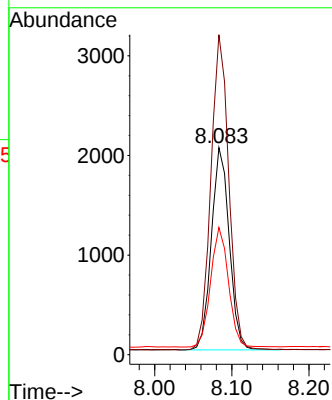


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.083 min Scan# 6
 Delta R.T. -0.007 min
 Lab File: BN021366.D
 Acq: 25 Aug 2022 10:58

Instrument :
 BNA_N
 ClientSampleId :
 RE126D1-20220817

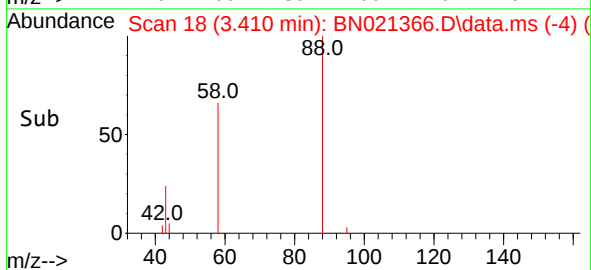
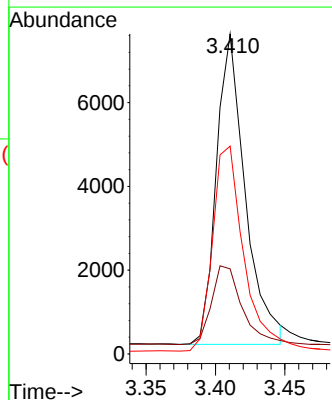
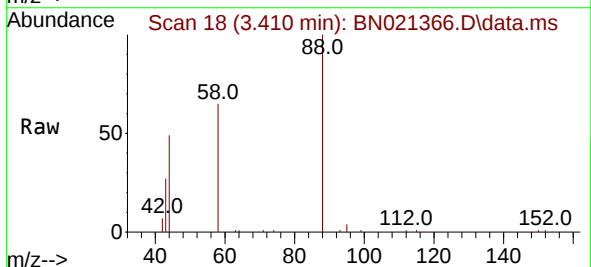


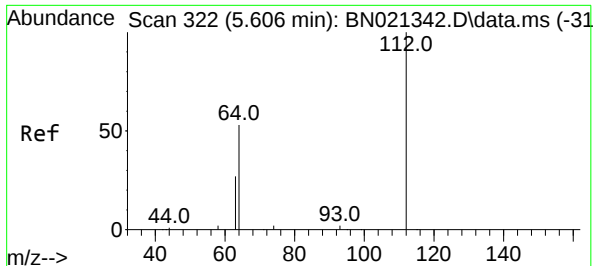
Tgt Ion:152 Resp: 3261
 Ion Ratio Lower Upper
 152 100
 150 154.5 121.4 182.0
 115 61.4 48.6 72.8



#2
 1,4-Dioxane
 Concen: 2.369 ng
 RT: 3.410 min Scan# 18
 Delta R.T. 0.000 min
 Lab File: BN021366.D
 Acq: 25 Aug 2022 10:58

Tgt Ion: 88 Resp: 10714
 Ion Ratio Lower Upper
 88 100
 43 26.9 35.8 53.8#
 58 70.7 57.1 85.7

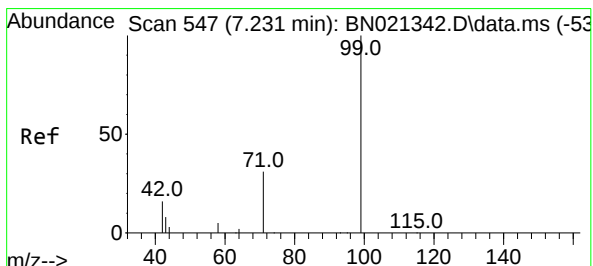
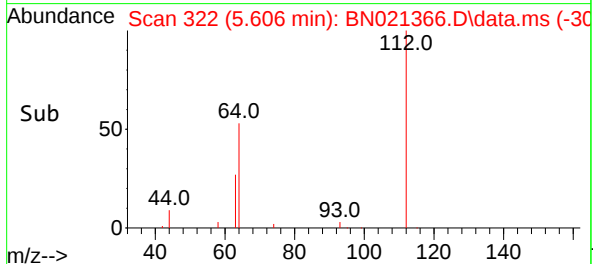
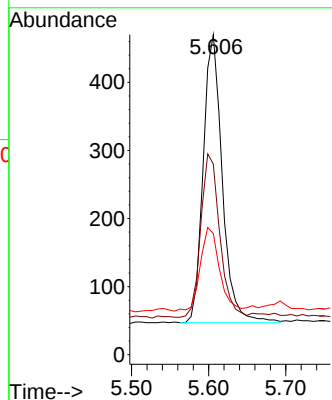
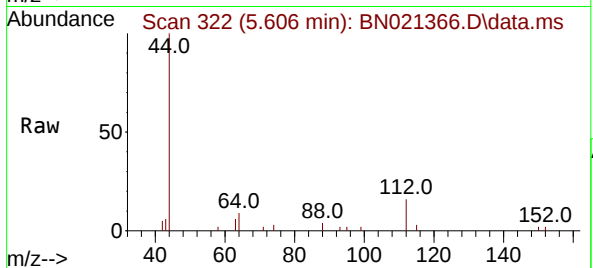




#4
2-Fluorophenol
Concen: 0.082 ng
RT: 5.606 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN021366.D
Acq: 25 Aug 2022 10:58

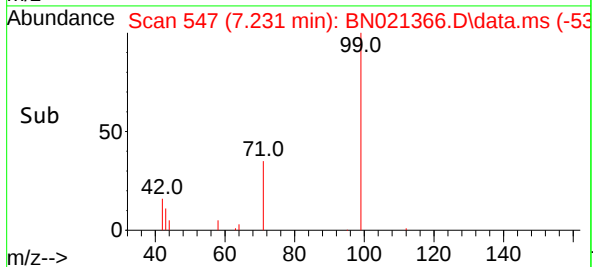
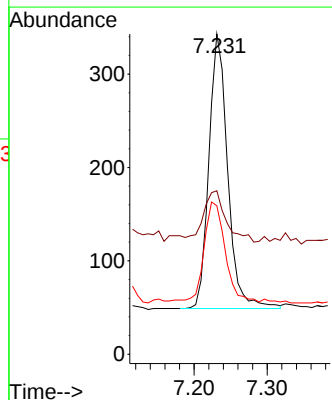
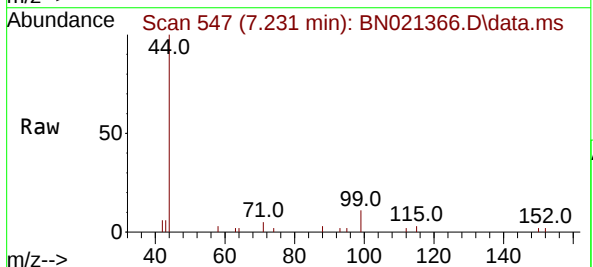
Instrument :
BNA_N
ClientSampleId :
RE126D1-20220817

Tgt Ion:	112	Resp:	725
Ion	Ratio	Lower	Upper
112	100		
64	56.3	43.5	65.3
63	29.1	22.6	34.0



#5
Phenol-d6
Concen: 0.047 ng
RT: 7.231 min Scan# 547
Delta R.T. 0.000 min
Lab File: BN021366.D
Acq: 25 Aug 2022 10:58

Tgt Ion:	99	Resp:	524
Ion	Ratio	Lower	Upper
99	100		
42	21.4	15.5	23.3
71	41.2	24.2	36.2

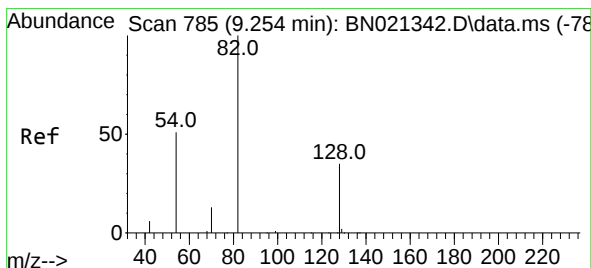
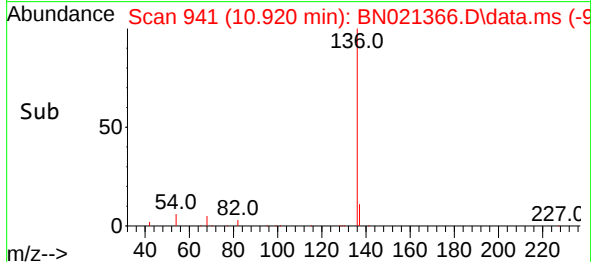
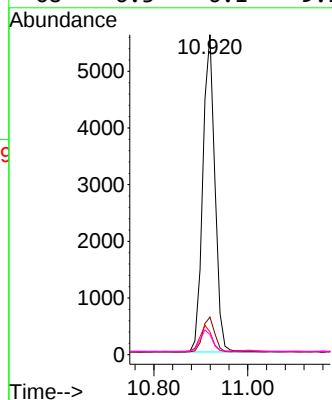
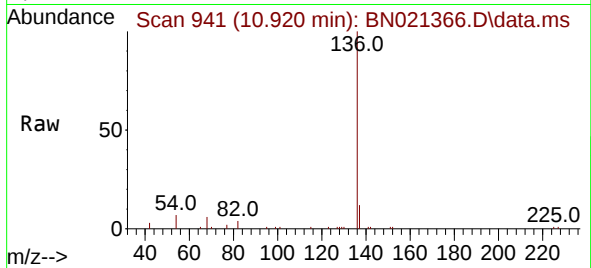




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.920 min Scan# 941
Delta R.T. 0.000 min
Lab File: BN021366.D
Acq: 25 Aug 2022 10:58

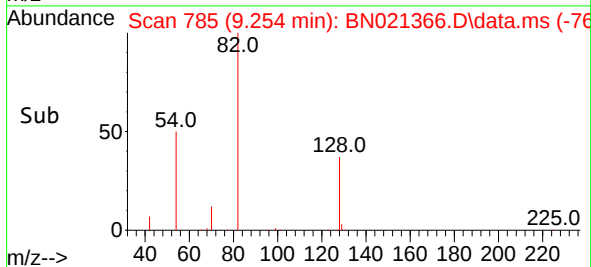
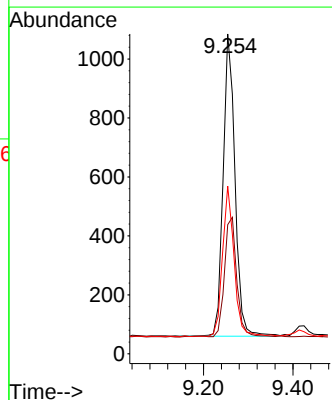
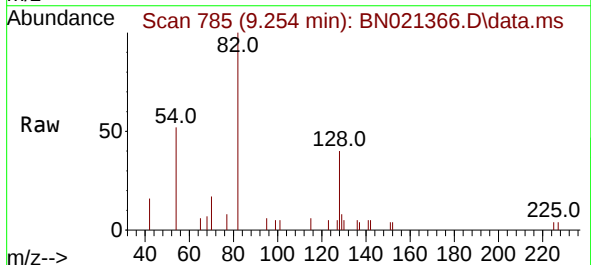
Instrument :
BNA_N
ClientSampleId :
RE126D1-20220817

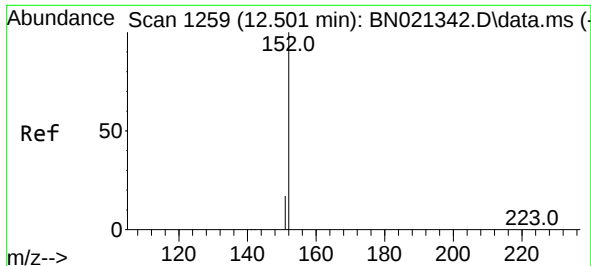
Tgt Ion:	136	Resp:	9988
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.3	13.9
54	7.1	6.9	10.3
68	6.3	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.251 ng
RT: 9.254 min Scan# 785
Delta R.T. 0.000 min
Lab File: BN021366.D
Acq: 25 Aug 2022 10:58

Tgt Ion:	82	Resp:	1895
Ion	Ratio	Lower	Upper
82	100		
128	40.4	30.9	46.3
54	52.4	42.7	64.1





#11

2-Methylnaphthalene-d10

Concen: 0.329 ng

RT: 12.501 min Scan# 1259

Delta R.T. 0.000 min

Lab File: BN021366.D

Acq: 25 Aug 2022 10:58

Instrument :

BNA_N

ClientSampleId :

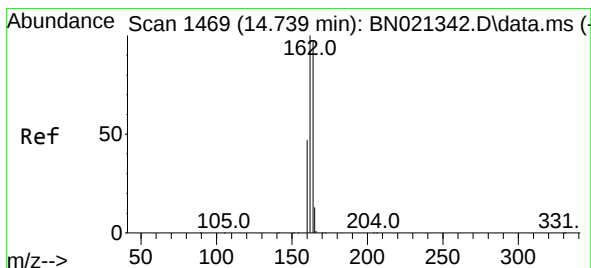
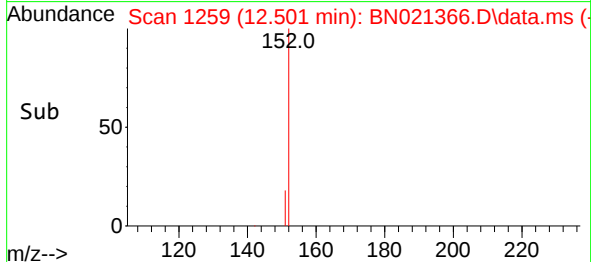
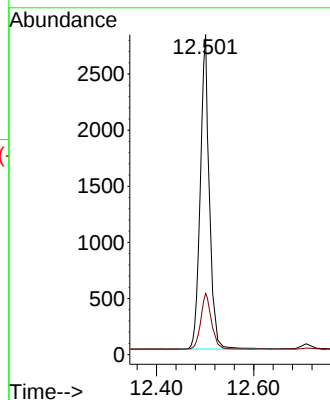
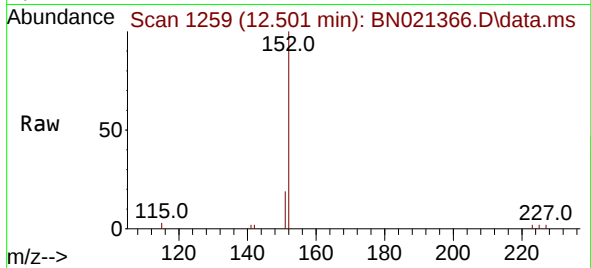
RE126D1-20220817

Tgt Ion:152 Resp: 5556

Ion Ratio Lower Upper

152 100

151 16.4 14.5 21.7



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.739 min Scan# 1469

Delta R.T. 0.000 min

Lab File: BN021366.D

Acq: 25 Aug 2022 10:58

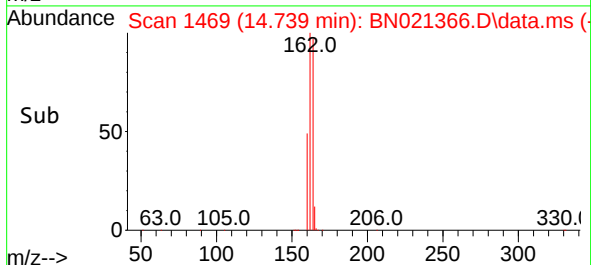
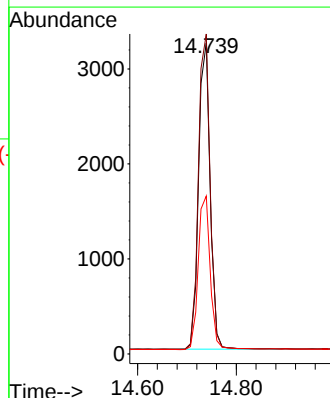
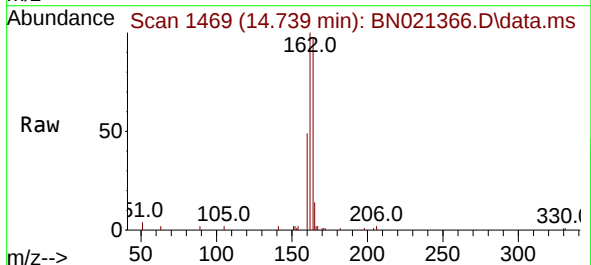
Tgt Ion:164 Resp: 5241

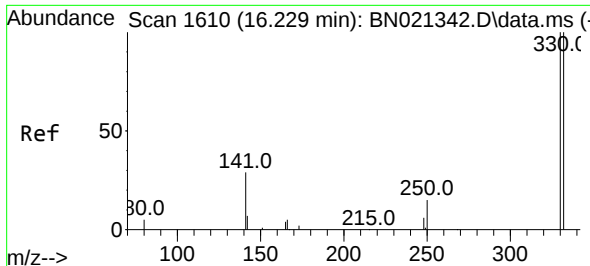
Ion Ratio Lower Upper

164 100

162 102.9 82.2 123.4

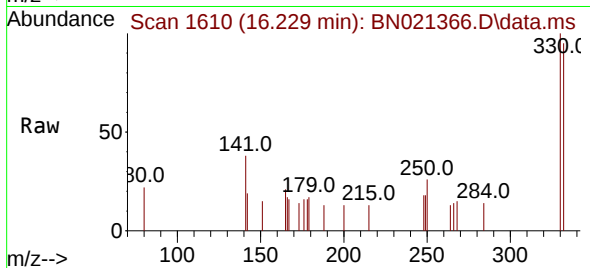
160 50.8 39.5 59.3



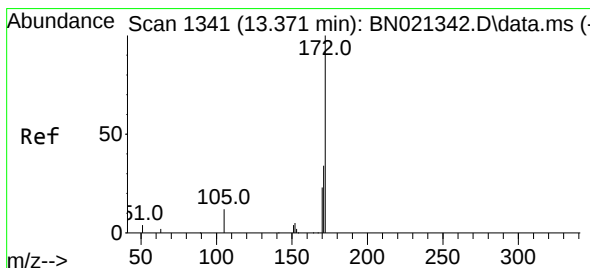
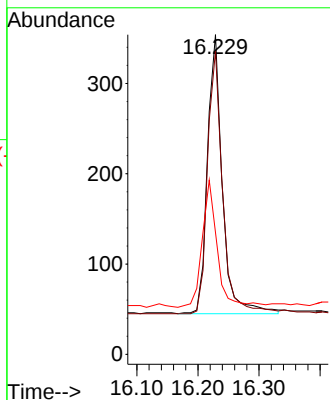
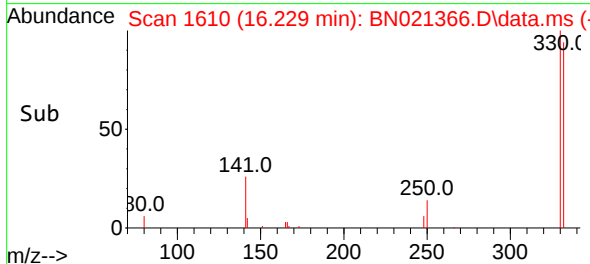


#14
2,4,6-Tribromophenol
Concen: 0.219 ng
RT: 16.229 min Scan# 1610
Delta R.T. 0.000 min
Lab File: BN021366.D
Acq: 25 Aug 2022 10:58

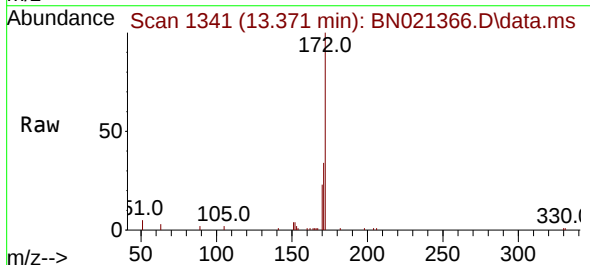
Instrument :
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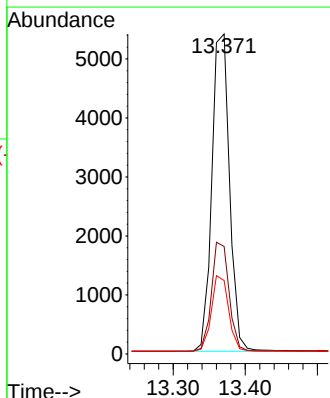
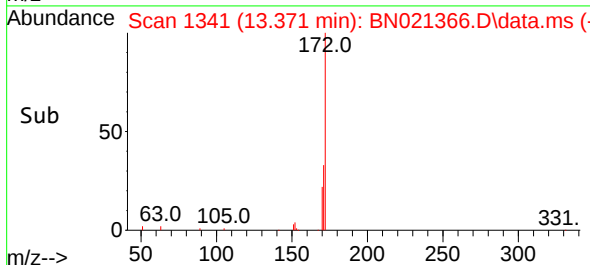
Tgt Ion:330 Resp: 526
Ion Ratio Lower Upper
330 100
332 95.1 79.3 118.9
141 46.4 37.1 55.7

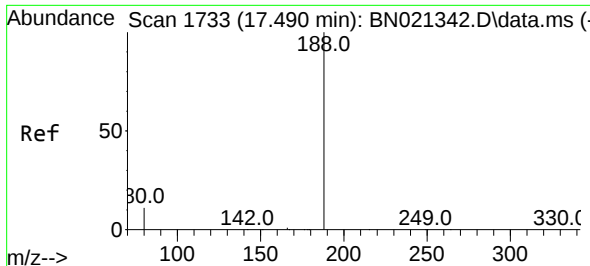


#15
2-Fluorobiphenyl
Concen: 0.391 ng
RT: 13.371 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BN021366.D
Acq: 25 Aug 2022 10:58



Tgt Ion:172 Resp: 9171
Ion Ratio Lower Upper
172 100
171 33.6 27.8 41.6
170 23.0 18.6 28.0

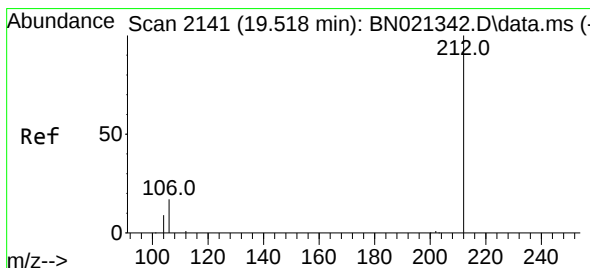
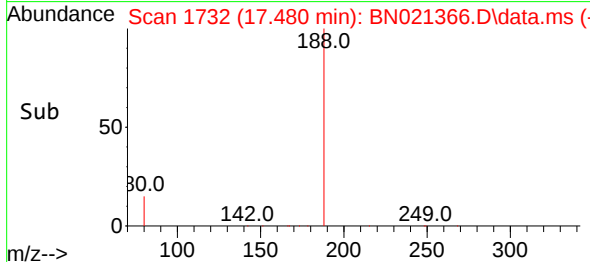
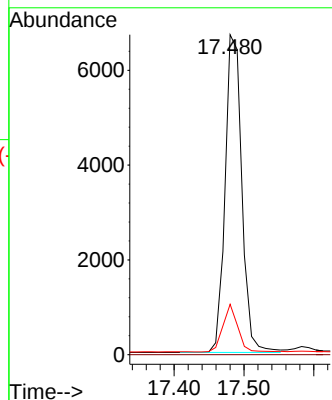
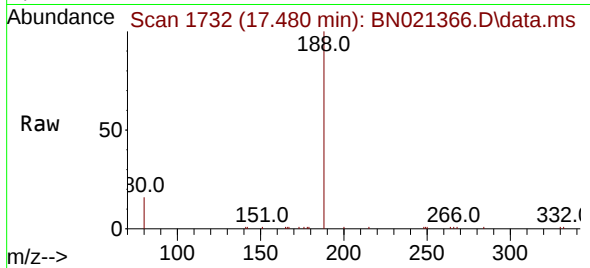




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.480 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN021366.D
Acq: 25 Aug 2022 10:58

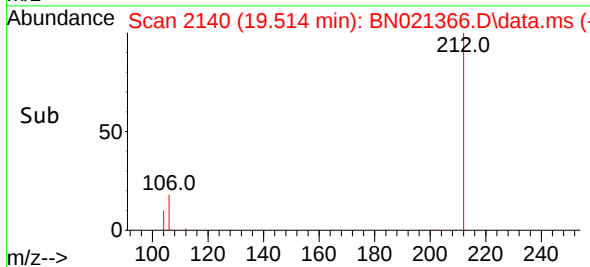
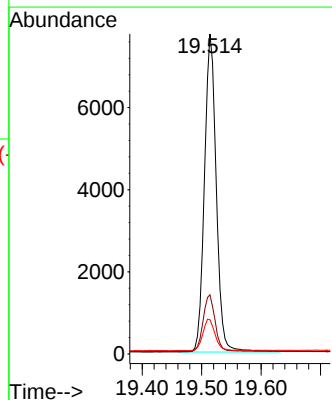
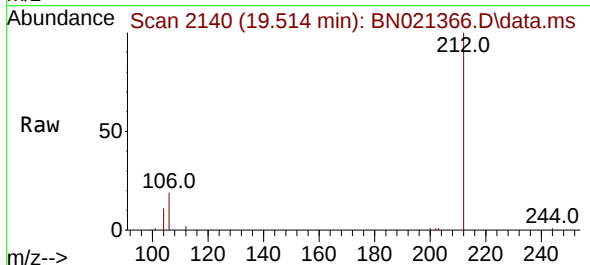
Instrument :
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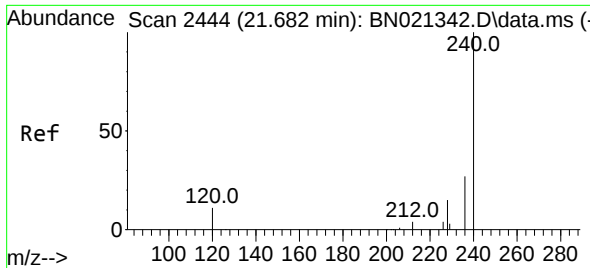
Tgt Ion:188 Resp: 11184
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.7 9.5 14.3#



#27
Fluoranthene-d10
Concen: 0.320 ng
RT: 19.514 min Scan# 2140
Delta R.T. -0.004 min
Lab File: BN021366.D
Acq: 25 Aug 2022 10:58

Tgt Ion:212 Resp: 10683
Ion Ratio Lower Upper
212 100
106 18.3 14.2 21.2
104 10.2 7.8 11.6

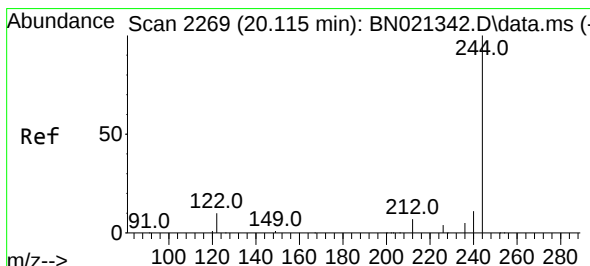
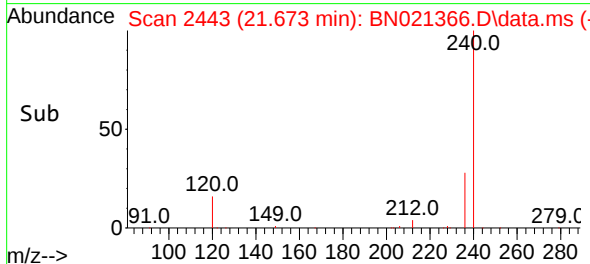
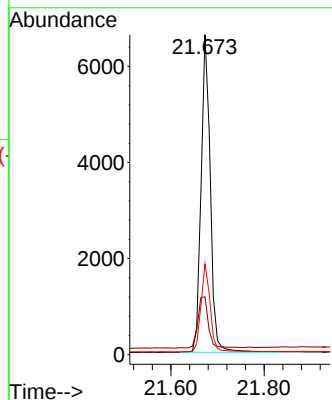
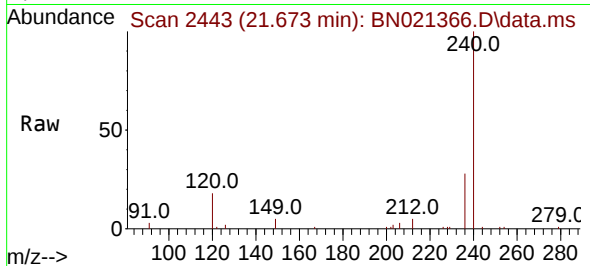




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.673 min Scan# 2444
Delta R.T. -0.009 min
Lab File: BN021366.D
Acq: 25 Aug 2022 10:58

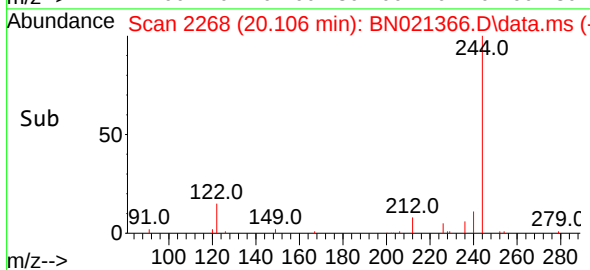
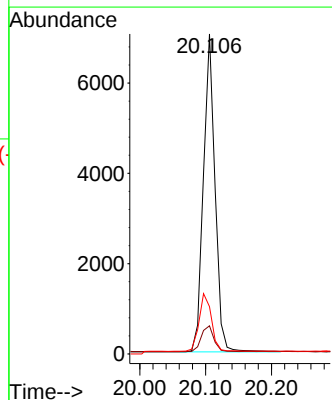
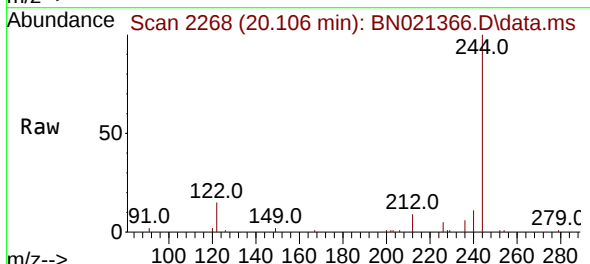
Instrument :
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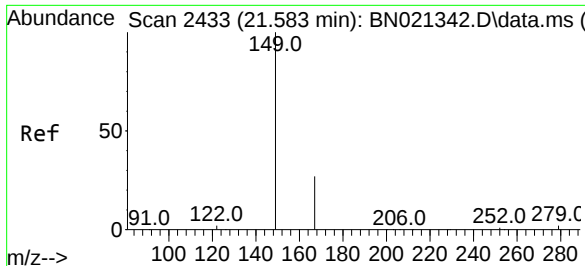
Tgt Ion:240 Resp: 9115
Ion Ratio Lower Upper
240 100
120 18.1 10.2 15.4#
236 28.3 22.1 33.1



#31
Terphenyl-d14
Concen: 0.450 ng
RT: 20.106 min Scan# 2268
Delta R.T. -0.009 min
Lab File: BN021366.D
Acq: 25 Aug 2022 10:58

Tgt Ion:244 Resp: 8670
Ion Ratio Lower Upper
244 100
212 8.8 6.5 9.7
122 14.8 9.1 13.7#

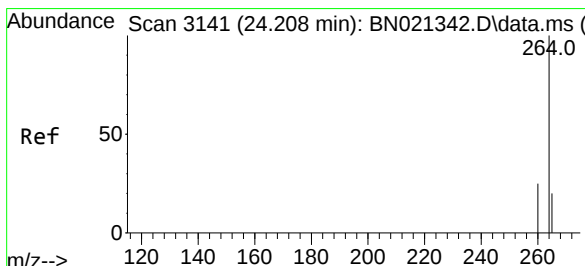
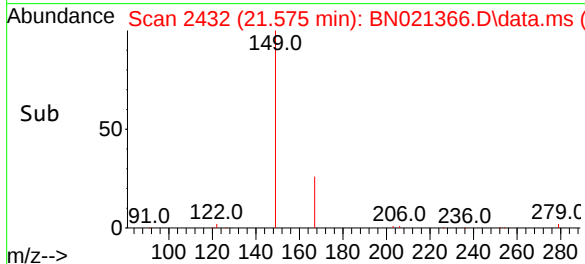
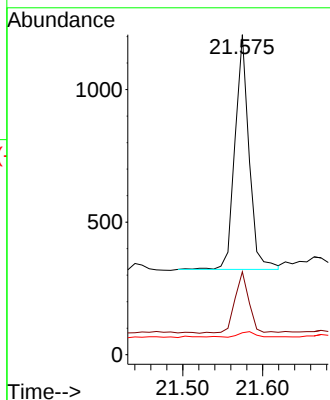
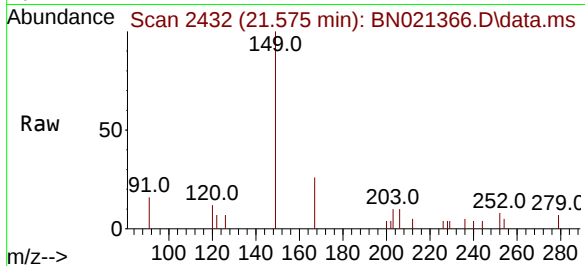




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.065 ng
 RT: 21.575 min Scan# 2432
 Delta R.T. -0.009 min
 Lab File: BN021366.D
 Acq: 25 Aug 2022 10:58

Instrument :
 BNA_N
 ClientSampleId :
 RE126D1-20220817

Tgt Ion:149 Resp: 1079
 Ion Ratio Lower Upper
 149 100
 167 26.6 21.4 32.0
 279 3.1 2.2 3.2



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.200 min Scan# 3138
 Delta R.T. -0.009 min
 Lab File: BN021366.D
 Acq: 25 Aug 2022 10:58

Tgt Ion:264 Resp: 7298
 Ion Ratio Lower Upper
 264 100
 260 27.1 21.0 31.6
 265 40.4 32.2 48.2

