

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070222\
 Data File : BN020623.D
 Acq On : 02 Jul 2022 11:27
 Operator : CG/JU
 Sample : N3458-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE122D2-20220621

Quant Time: Jul 04 02:38:39 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 02 03:10:12 2022
 Response via : Initial Calibration

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

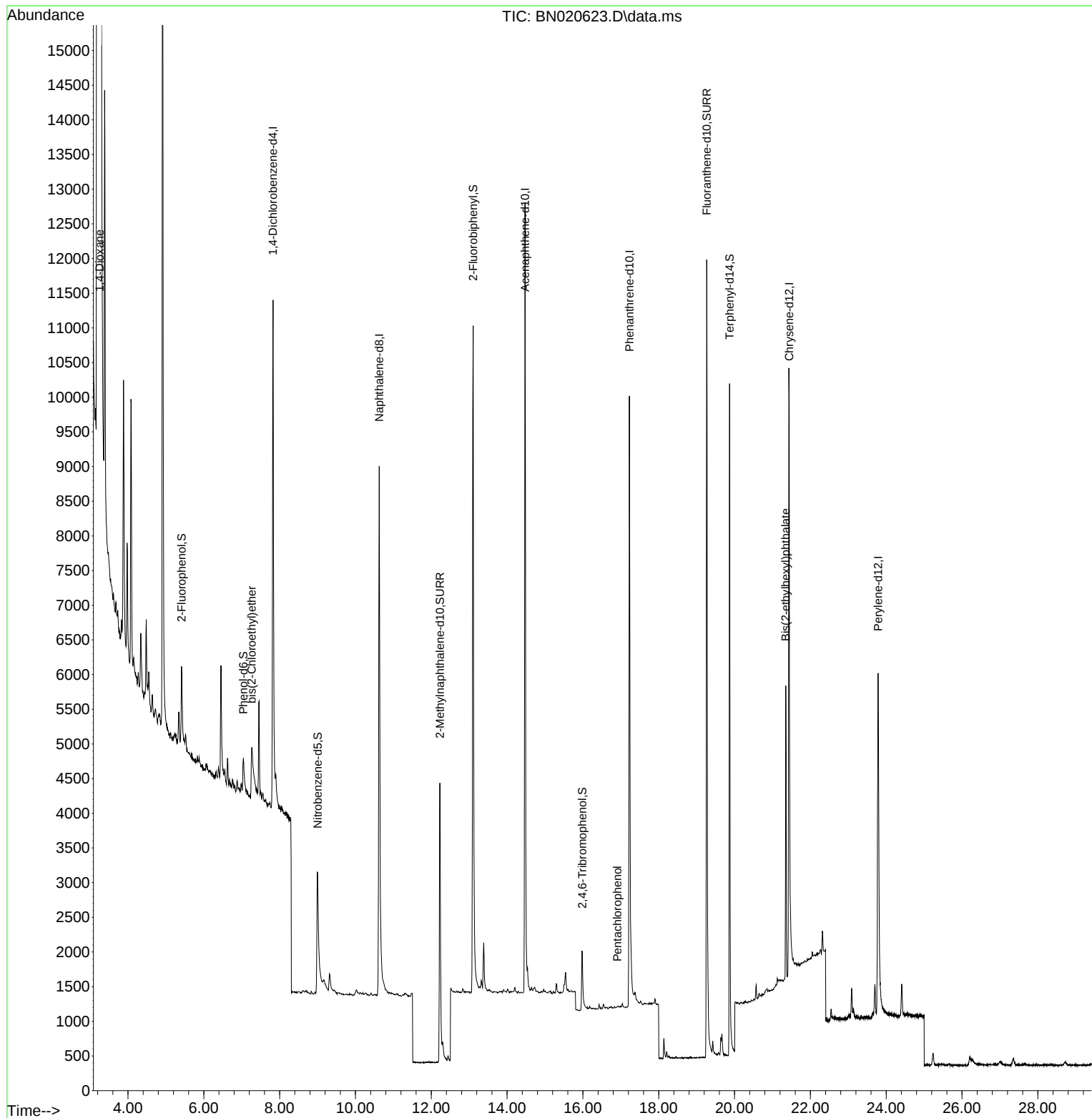
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	4481	0.400	ng	0.00
7) Naphthalene-d8	10.626	136	13060	0.400	ng	# 0.00
13) Acenaphthene-d10	14.474	164	7196	0.400	ng	0.00
19) Phenanthrene-d10	17.225	188	14778	0.400	ng	# 0.00
29) Chrysene-d12	21.440	240	11224	0.400	ng	# 0.00
35) Perylene-d12	23.784	264	9150	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.413	112	1300	0.105	ng	0.00
5) Phenol-d6	7.045	99	712	0.048	ng	0.01
8) Nitrobenzene-d5	9.003	82	2885	0.273	ng	0.01
11) 2-Methylnaphthalene-d10	12.227	152	7234	0.323	ng	0.00
14) 2,4,6-Tribromophenol	15.984	330	636	0.235	ng	0.01
15) 2-Fluorobiphenyl	13.105	172	10470	0.352	ng	0.00
27) Fluoranthene-d10	19.265	212	15348	0.350	ng	0.00
31) Terphenyl-d14	19.868	244	11675	0.435	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.254	88	22519	3.834	ng	# 75
6) bis(2-Chloroethyl)ether	7.262	93	294	0.023	ng	96
24) Pentachlorophenol	16.907	266	22	0.191	ng	# 75
34) Bis(2-ethylhexyl)phtha...	21.351	149	4009	0.177	ng	98

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

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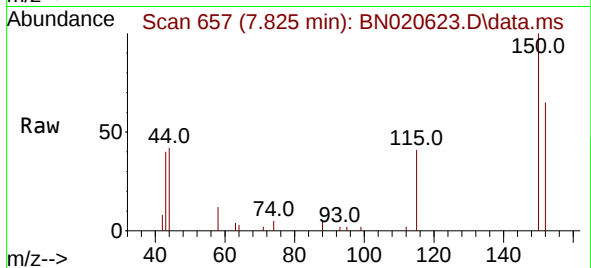
Quant Time: Jul 04 02:38:39 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
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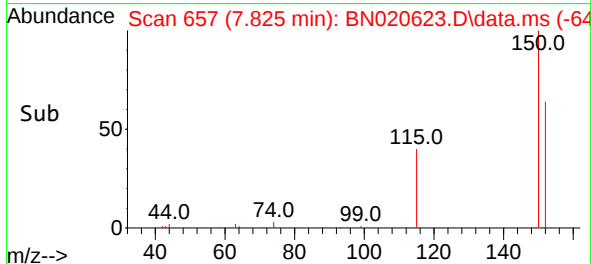
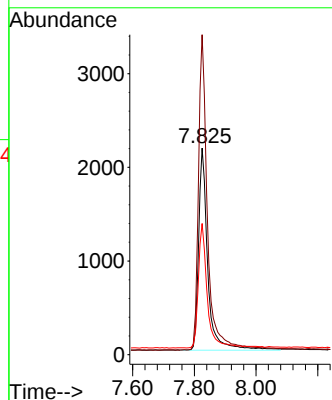


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.825 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN020623.D
 Acq: 02 Jul 2022 11:27

Instrument :
 BNA_N
 ClientSampleId :
 RE122D2-20220621

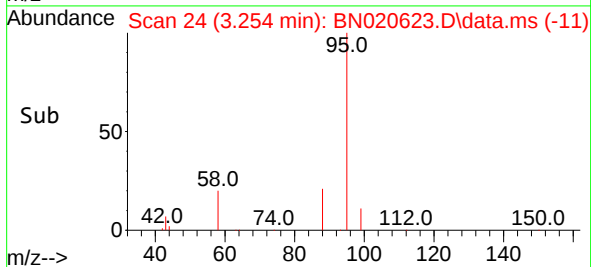
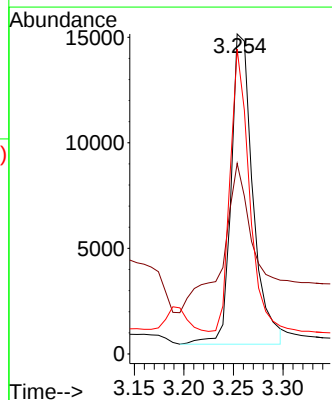
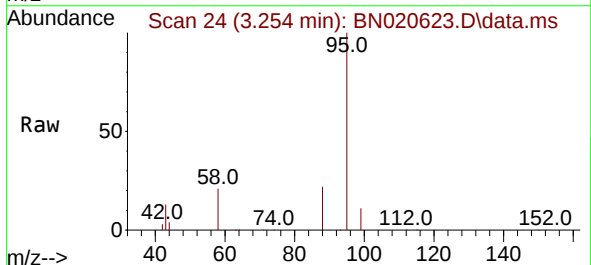


Tgt Ion:152 Resp: 4481
 Ion Ratio Lower Upper
 152 100
 150 154.9 127.9 191.9
 115 63.5 51.4 77.2



#2
 1,4-Dioxane
 Concen: 3.834 ng
 RT: 3.254 min Scan# 24
 Delta R.T. -0.007 min
 Lab File: BN020623.D
 Acq: 02 Jul 2022 11:27

Tgt Ion: 88 Resp: 22519
 Ion Ratio Lower Upper
 88 100
 43 69.9 30.2 45.2#
 58 79.3 73.0 109.6

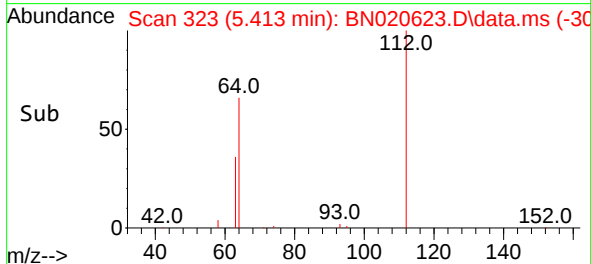
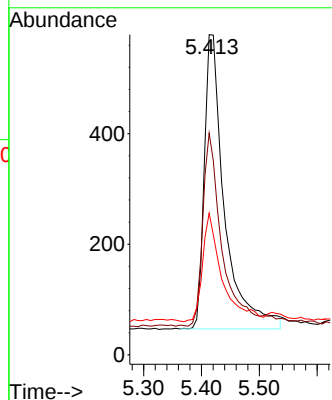
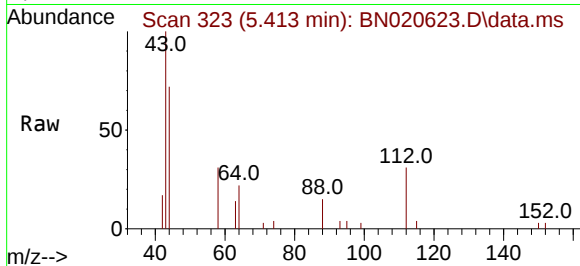




#4
2-Fluorophenol
Concen: 0.105 ng
RT: 5.413 min Scan# 314
Delta R.T. 0.000 min
Lab File: BN020623.D
Acq: 02 Jul 2022 11:27

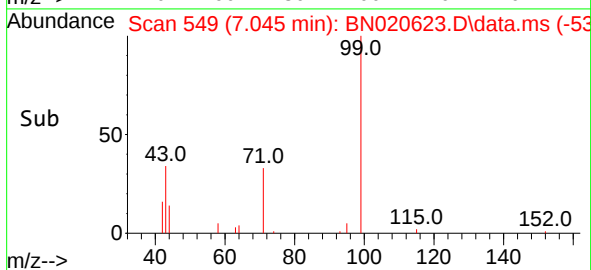
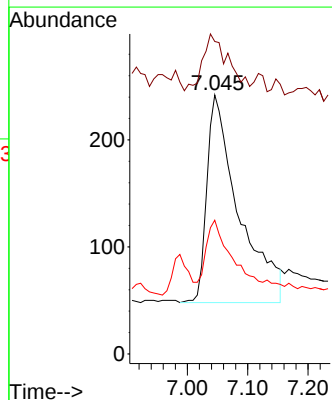
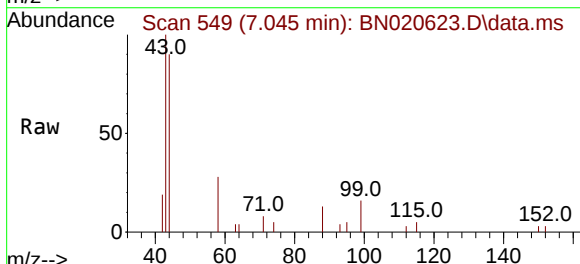
Instrument :
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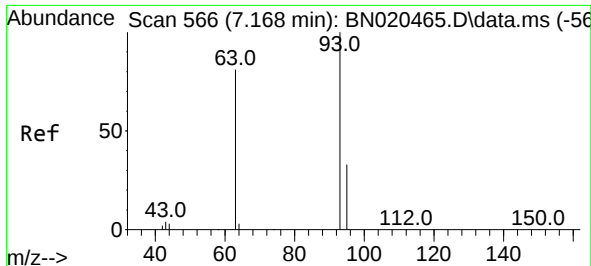
Tgt Ion:112 Resp: 1300
Ion Ratio Lower Upper
112 100
64 62.6 49.1 73.7
63 35.5 26.3 39.5



#5
Phenol-d6
Concen: 0.048 ng
RT: 7.045 min Scan# 549
Delta R.T. 0.014 min
Lab File: BN020623.D
Acq: 02 Jul 2022 11:27

Tgt Ion: 99 Resp: 712
Ion Ratio Lower Upper
99 100
42 21.3 19.3 28.9
71 26.4 27.5 41.3#

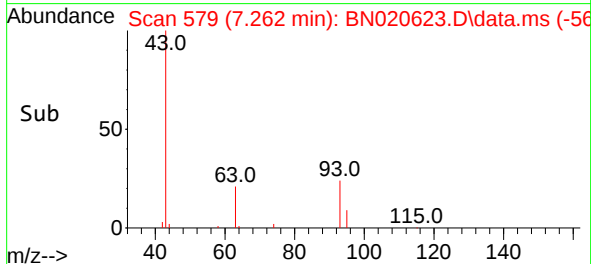
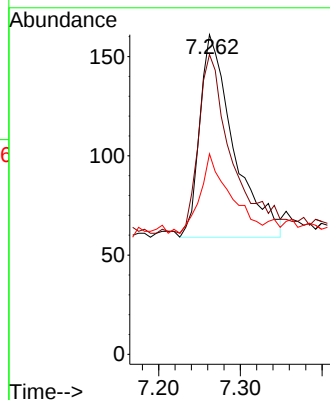
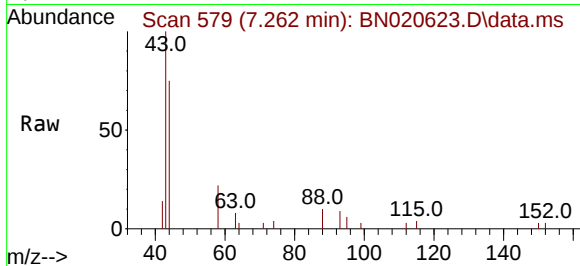




#6
bis(2-Chloroethyl)ether
Concen: 0.023 ng
RT: 7.262 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN020623.D
Acq: 02 Jul 2022 11:27

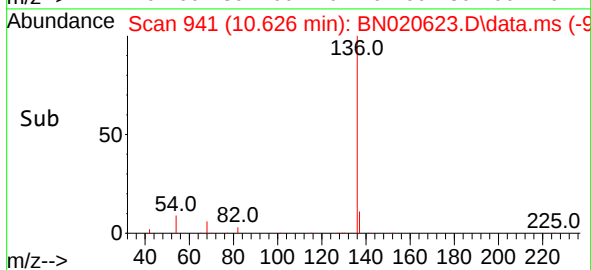
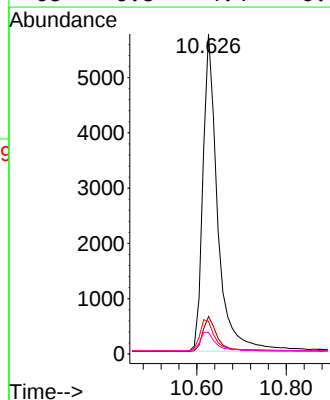
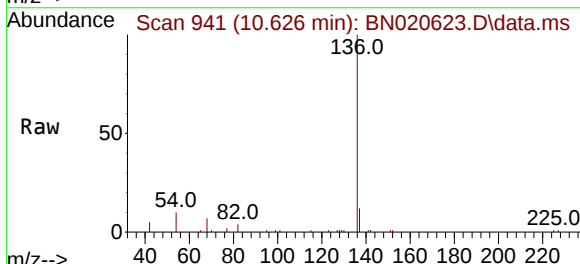
Instrument :
BNA_N
ClientSampleId :
RE122D2-20220621

Tgt Ion: 93 Resp: 294
Ion Ratio Lower Upper
93 100
63 88.4 67.4 101.0
95 34.4 26.5 39.7



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 941
Delta R.T. 0.000 min
Lab File: BN020623.D
Acq: 02 Jul 2022 11:27

Tgt Ion: 136 Resp: 13060
Ion Ratio Lower Upper
136 100
137 11.7 9.0 13.6
54 10.2 6.2 9.2#
68 6.8 4.4 6.6#

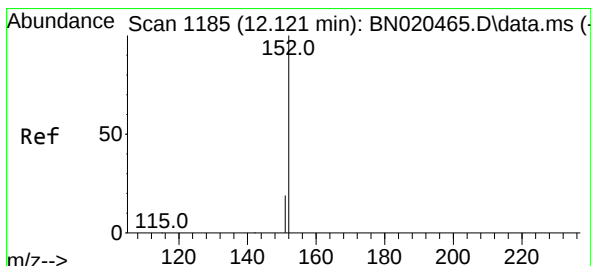
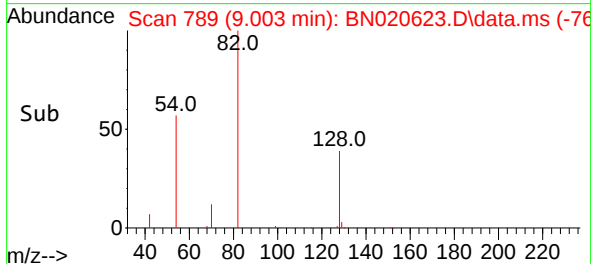
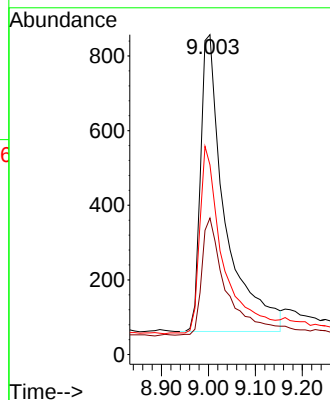
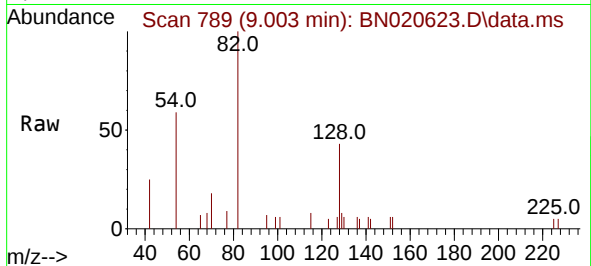




#8
Nitrobenzene-d5
Concen: 0.273 ng
RT: 9.003 min Scan# 71
Delta R.T. 0.011 min
Lab File: BN020623.D
Acq: 02 Jul 2022 11:27

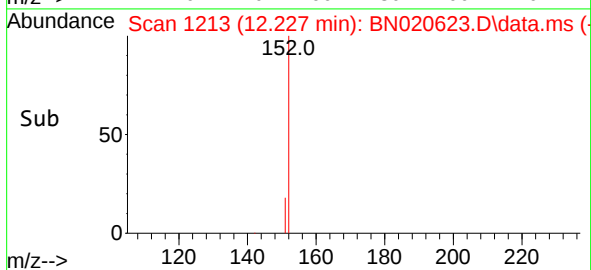
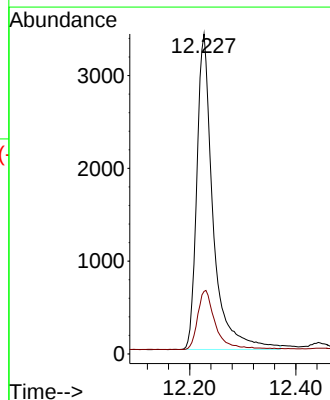
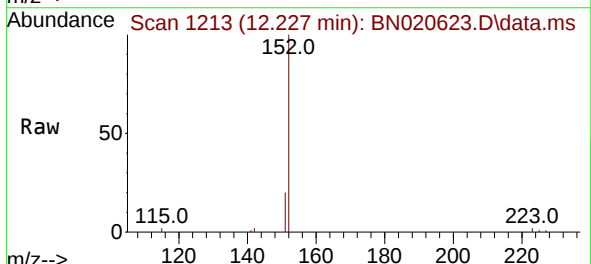
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ClientSampleId :
RE122D2-20220621

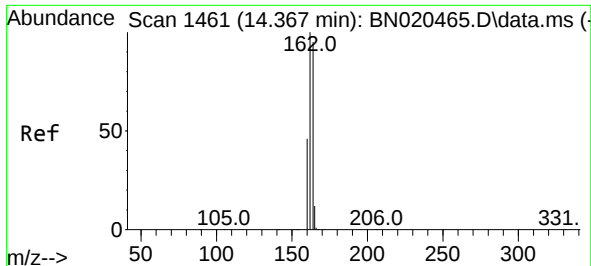
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.7	35.0	52.6
54	59.3	46.2	69.4



#11
2-Methylnaphthalene-d10
Concen: 0.323 ng
RT: 12.227 min Scan# 1213
Delta R.T. 0.000 min
Lab File: BN020623.D
Acq: 02 Jul 2022 11:27

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.2	24.4

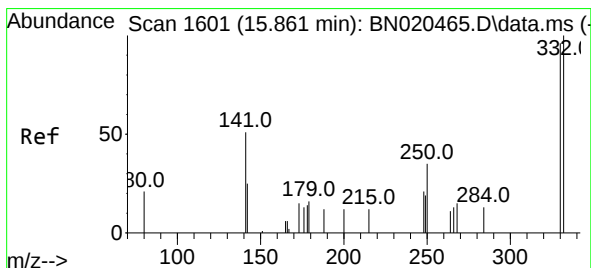
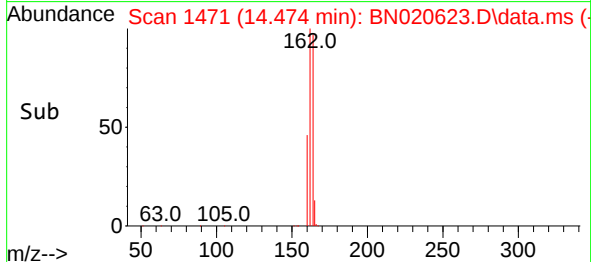
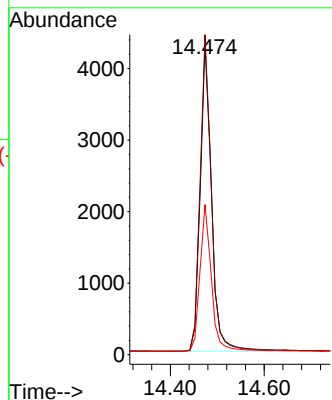
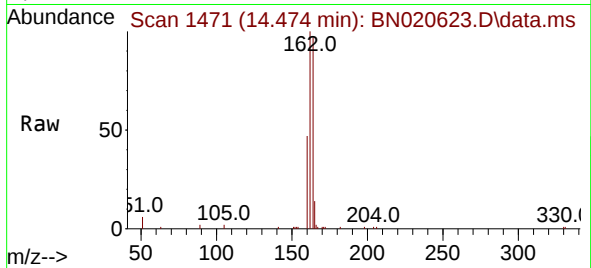




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.474 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BN020623.D
Acq: 02 Jul 2022 11:27

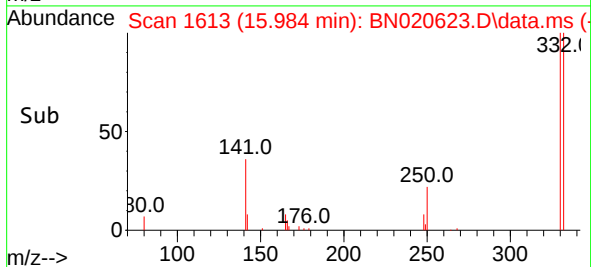
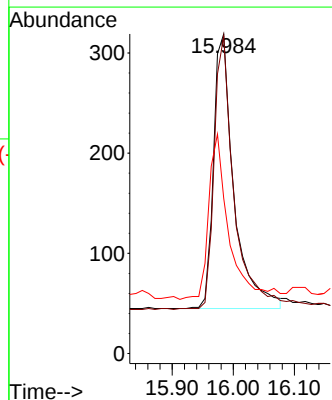
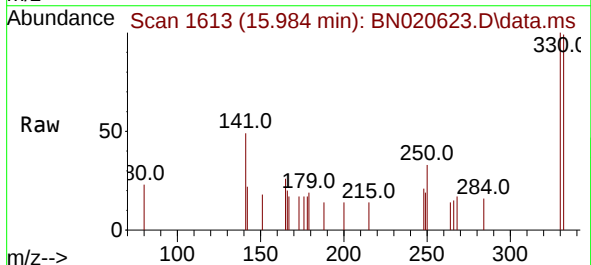
Instrument :
BNA_N
ClientSampleId :
RE122D2-20220621

Tgt Ion:164 Resp: 7196
Ion Ratio Lower Upper
164 100
162 103.0 82.1 123.1
160 48.3 38.6 58.0



#14
2,4,6-Tribromophenol
Concen: 0.235 ng
RT: 15.984 min Scan# 1613
Delta R.T. 0.010 min
Lab File: BN020623.D
Acq: 02 Jul 2022 11:27

Tgt Ion:330 Resp: 636
Ion Ratio Lower Upper
330 100
332 98.0 77.6 116.4
141 59.6 41.0 61.4

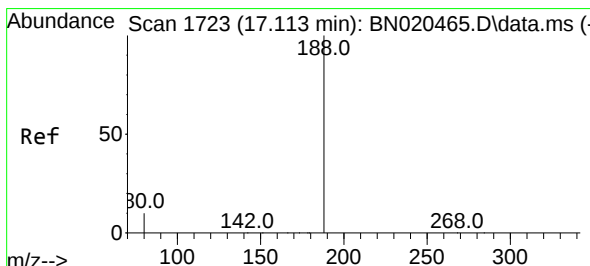
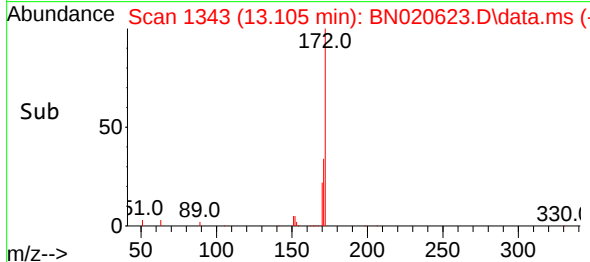
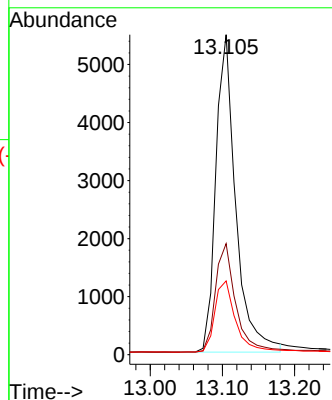
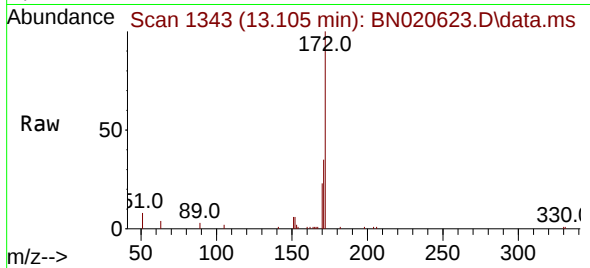




#15
2-Fluorobiphenyl
Concen: 0.352 ng
RT: 13.105 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN020623.D
Acq: 02 Jul 2022 11:27

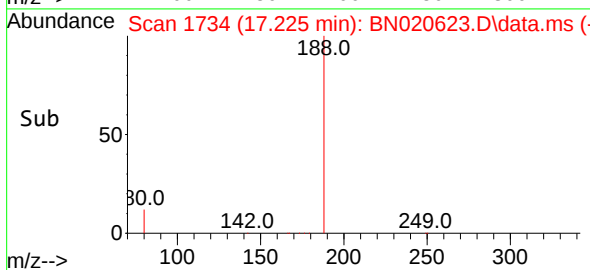
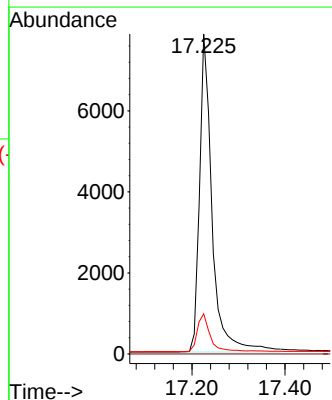
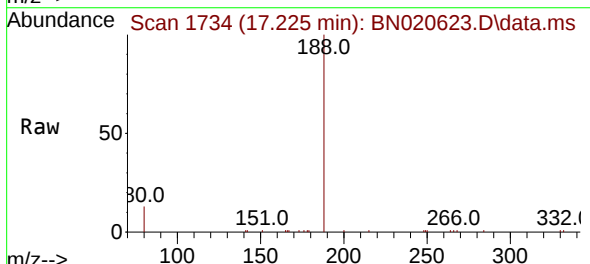
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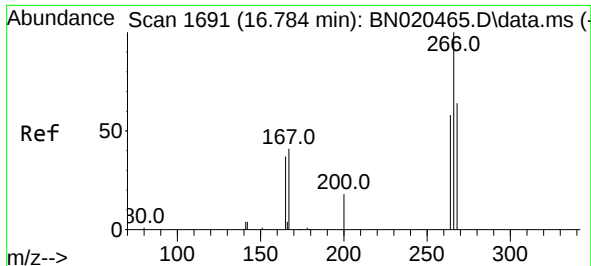
Tgt Ion:172 Resp: 10470
Ion Ratio Lower Upper
172 100
171 34.7 27.2 40.8
170 23.1 18.2 27.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.225 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BN020623.D
Acq: 02 Jul 2022 11:27

Tgt Ion:188 Resp: 14778
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.5 7.4 11.2#

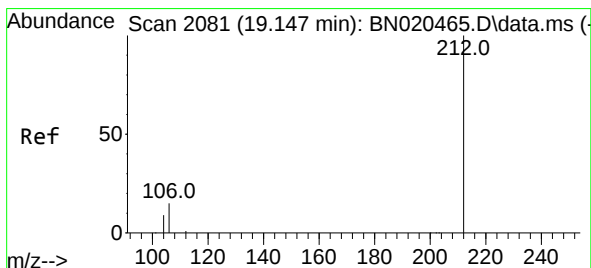
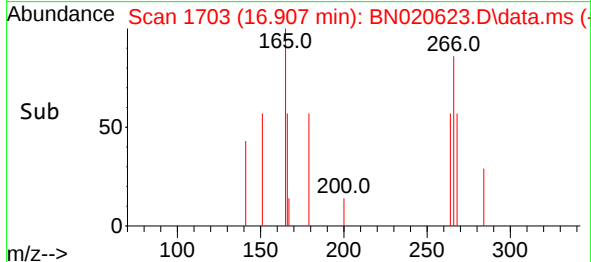
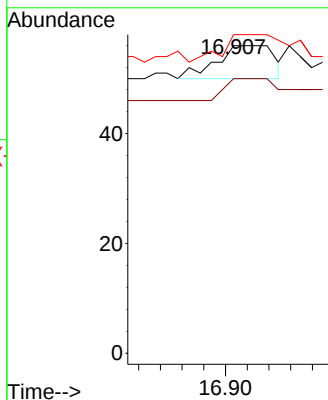
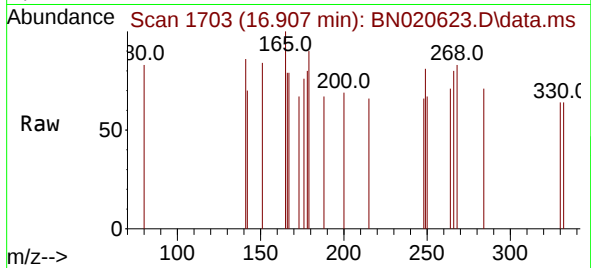




#24
 Pentachlorophenol
 Concen: 0.191 ng
 RT: 16.907 min Scan# 11
 Delta R.T. 0.010 min
 Lab File: BN020623.D
 Acq: 02 Jul 2022 11:27

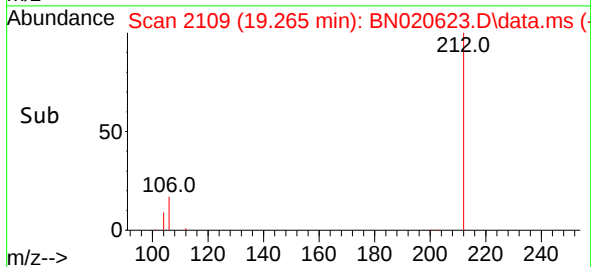
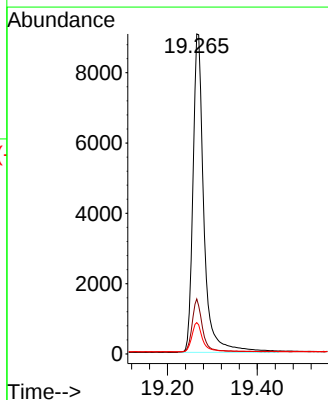
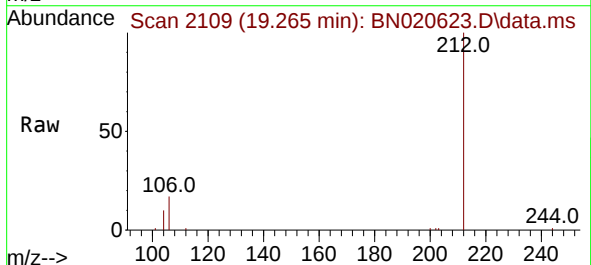
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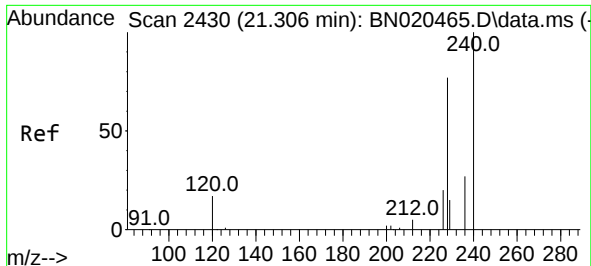
Tgt Ion:266 Resp: 22
 Ion Ratio Lower Upper
 266 100
 264 63.6 51.3 76.9
 268 104.5 52.6 79.0#



#27
 Fluoranthene-d10
 Concen: 0.350 ng
 RT: 19.265 min Scan# 2109
 Delta R.T. -0.004 min
 Lab File: BN020623.D
 Acq: 02 Jul 2022 11:27

Tgt Ion:212 Resp: 15348
 Ion Ratio Lower Upper
 212 100
 106 15.8 12.6 19.0
 104 9.0 7.2 10.8

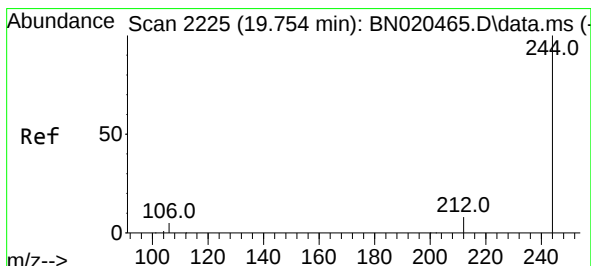
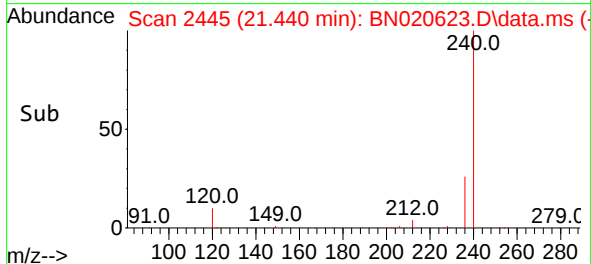
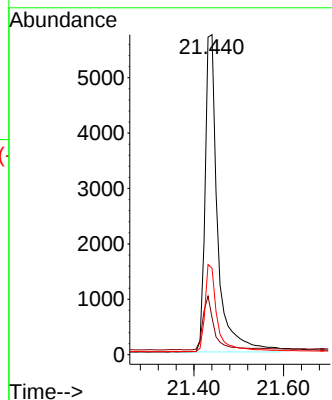
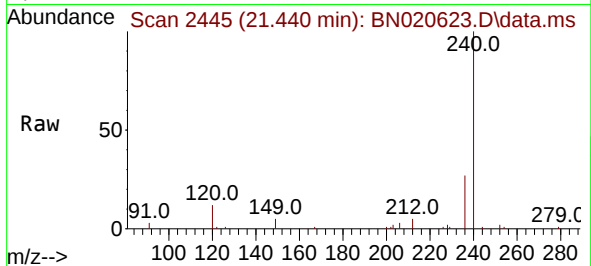




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.440 min Scan# 2445
Delta R.T. 0.009 min
Lab File: BN020623.D
Acq: 02 Jul 2022 11:27

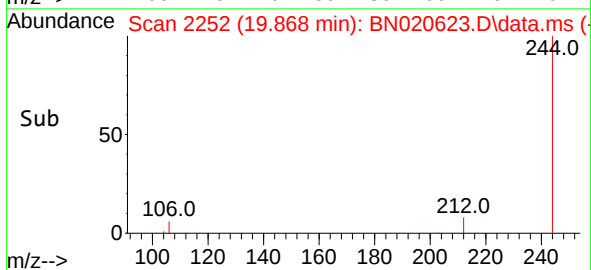
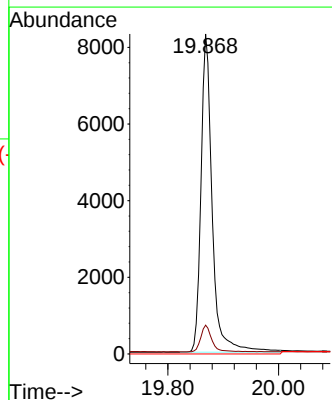
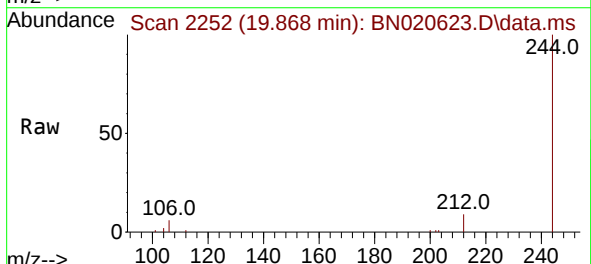
Instrument :
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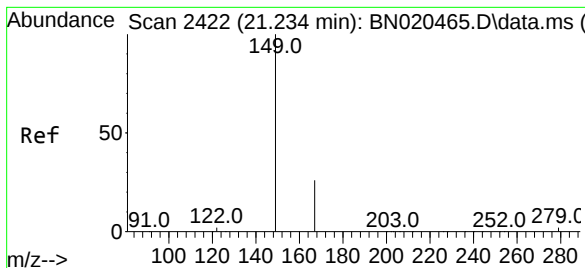
Tgt Ion:240 Resp: 11224
Ion Ratio Lower Upper
240 100
120 11.6 14.6 21.8#
236 27.0 22.6 33.8



#31
Terphenyl-d14
Concen: 0.435 ng
RT: 19.868 min Scan# 2252
Delta R.T. -0.004 min
Lab File: BN020623.D
Acq: 02 Jul 2022 11:27

Tgt Ion:244 Resp: 11675
Ion Ratio Lower Upper
244 100
212 9.0 7.1 10.7
122 0.0 0.0 0.0

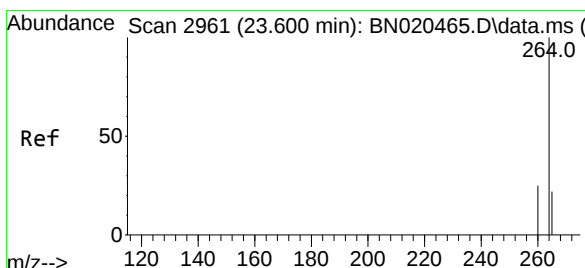
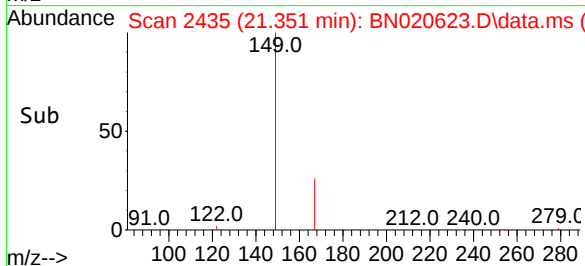
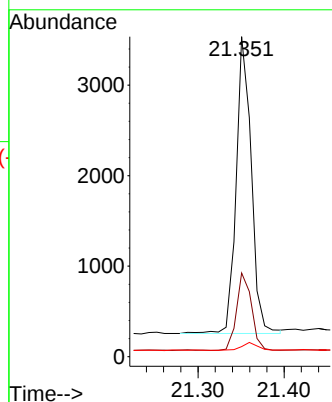
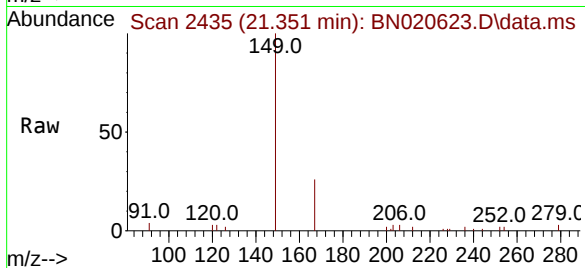




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.177 ng
RT: 21.351 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN020623.D
Acq: 02 Jul 2022 11:27

Instrument :
BNA_N
ClientSampleId :
RE122D2-20220621

Tgt Ion:149 Resp: 4009
Ion Ratio Lower Upper
149 100
167 25.8 21.7 32.5
279 2.8 2.2 3.2



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.784 min Scan# 3024
Delta R.T. -0.006 min
Lab File: BN020623.D
Acq: 02 Jul 2022 11:27

Tgt Ion:264 Resp: 9150
Ion Ratio Lower Upper
264 100
260 25.9 20.9 31.3
265 34.8 28.0 42.0

