

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053023\
 Data File : BN025730.D
 Acq On : 31 May 2023 00:56
 Operator : CG/JU
 Sample : 02912-12DL 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D2-20230523DL

Quant Time: May 31 04:49:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 29 00:47:45 2023
 Response via : Initial Calibration

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

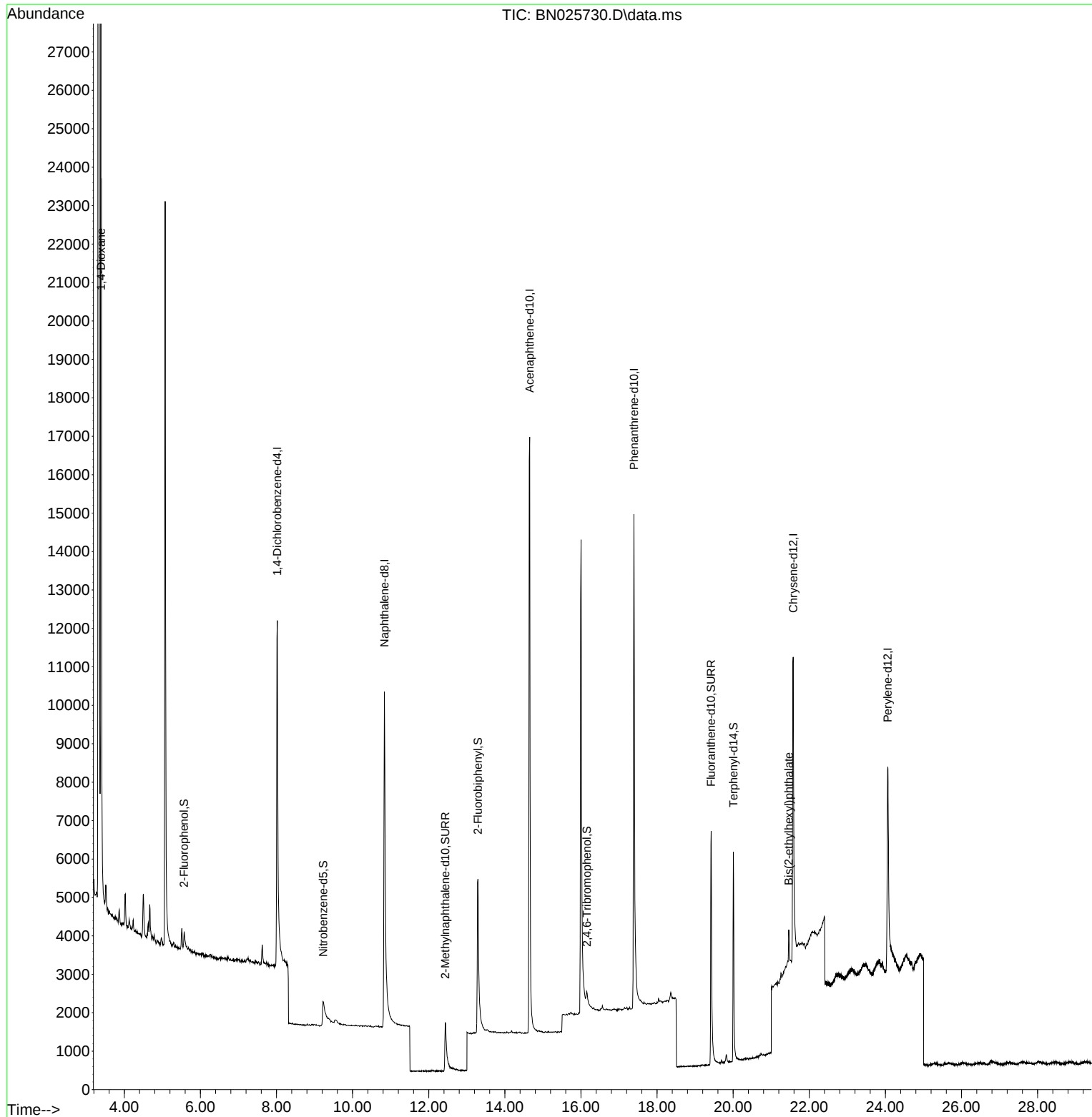
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.019	152	6482	0.400	ng	0.00
7) Naphthalene-d8	10.835	136	18233	0.400	ng	# 0.00
13) Acenaphthene-d10	14.651	164	11446	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	22846	0.400	ng	# 0.00
29) Chrysene-d12	21.578	240	11979	0.400	ng	0.00
35) Perylene-d12	24.063	264	10321	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.571	112	659	0.040	ng	0.01
5) Phenol-d6	7.247	99	220	0.011	ng	0.07
8) Nitrobenzene-d5	9.223	82	1592	0.104	ng	0.03
11) 2-Methylnaphthalene-d10	12.434	152	3777	0.145	ng	0.01
14) 2,4,6-Tribromophenol	16.152	330	273	0.118	ng	0.00
15) 2-Fluorobiphenyl	13.294	172	6039	0.128	ng	0.01
27) Fluoranthene-d10	19.421	212	9108	0.176	ng	0.00
31) Terphenyl-d14	20.006	244	6288	0.240	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.390	88	24926	3.321	ng	99
34) Bis(2-ethylhexyl)phtha...	21.462	149	1124	0.041	ng	# 94

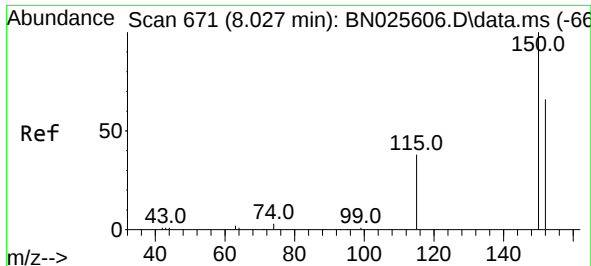
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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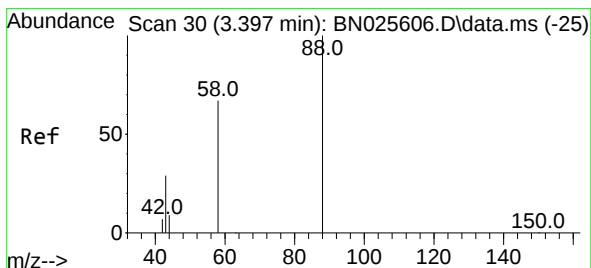
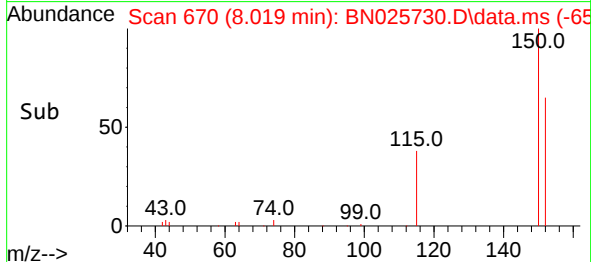
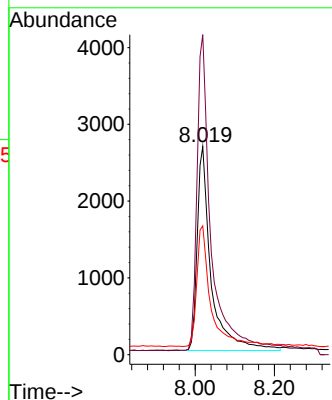
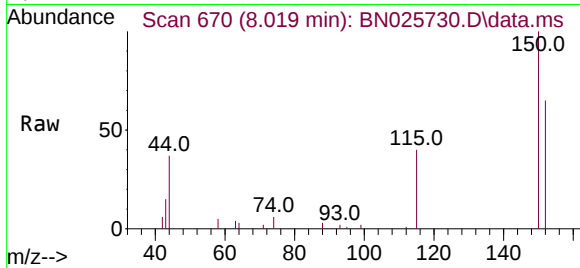




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.019 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN025730.D
Acq: 31 May 2023 00:56

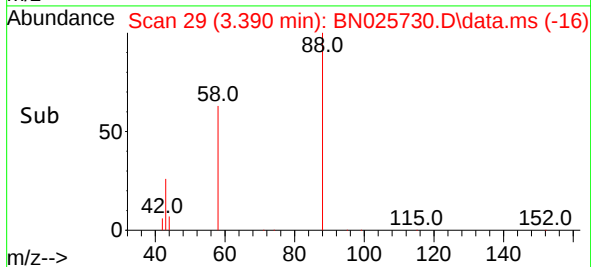
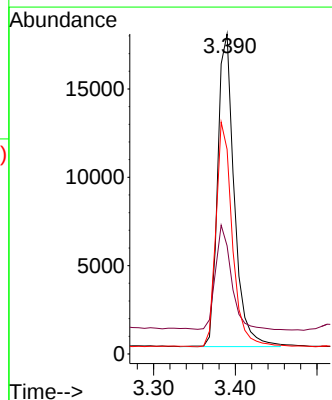
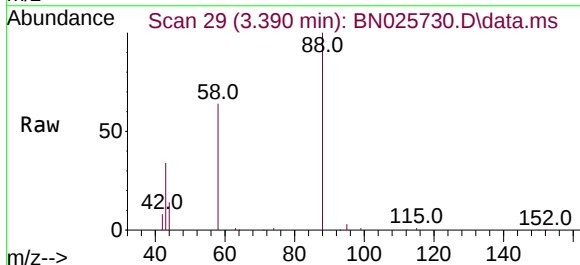
Instrument :
BNA_N
ClientSampleId :
RE134D2-20230523DL

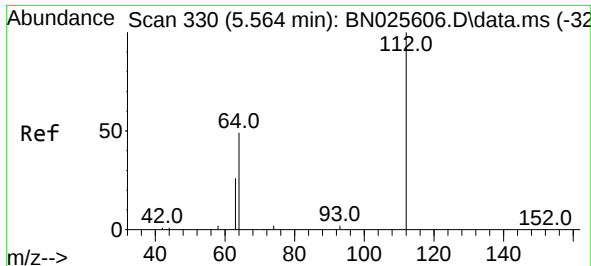
Tgt Ion:152 Resp: 6482
Ion Ratio Lower Upper
152 100
150 153.7 121.0 181.6
115 61.9 48.5 72.7



#2
1,4-Dioxane
Concen: 3.321 ng
RT: 3.390 min Scan# 29
Delta R.T. -0.007 min
Lab File: BN025730.D
Acq: 31 May 2023 00:56

Tgt Ion: 88 Resp: 24926
Ion Ratio Lower Upper
88 100
43 31.9 26.5 39.7
58 70.9 56.8 85.2

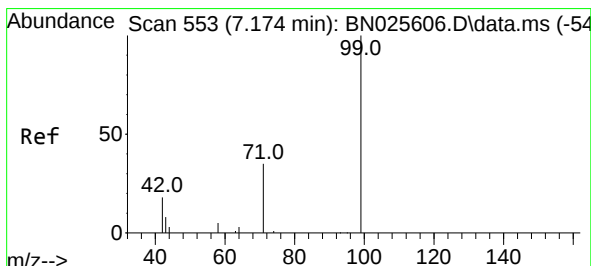
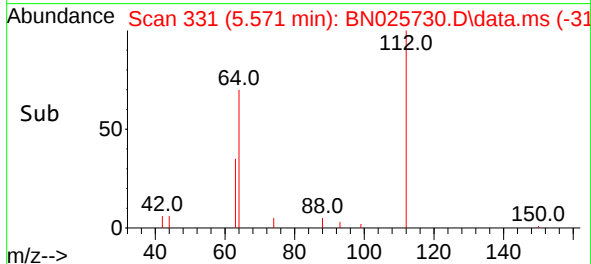
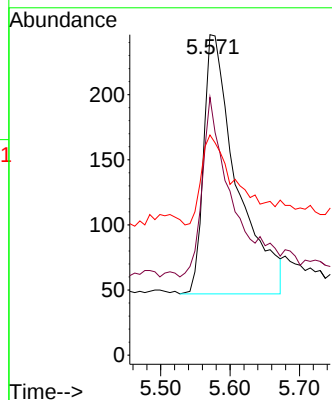
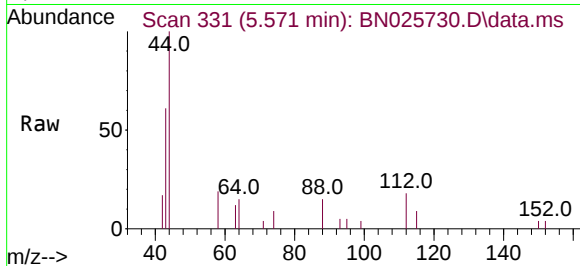




#4
2-Fluorophenol
Concen: 0.040 ng
RT: 5.571 min Scan# 31
Delta R.T. 0.014 min
Lab File: BN025730.D
Acq: 31 May 2023 00:56

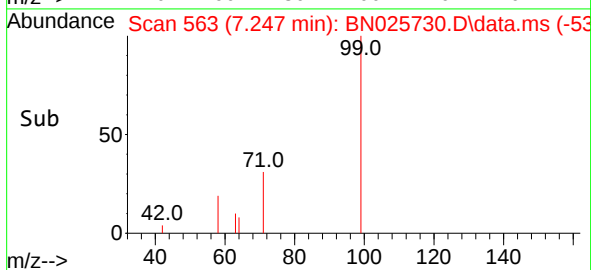
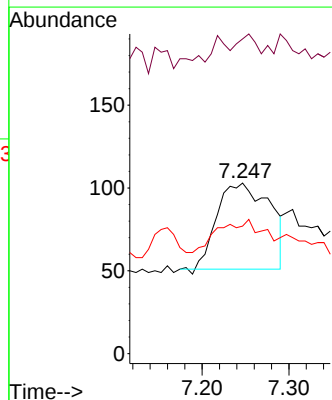
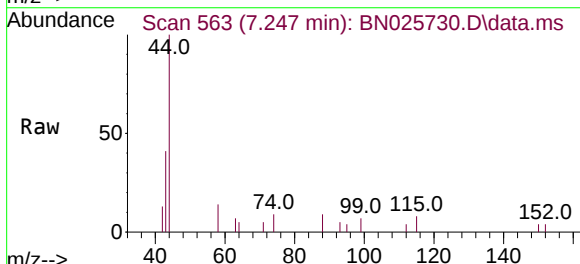
Instrument :
BNA_N
ClientSampleId :
RE134D2-20230523DL

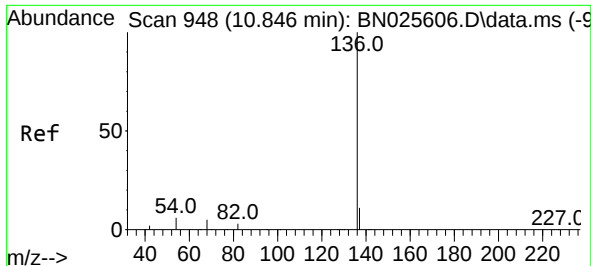
Tgt Ion:112 Resp: 659
Ion Ratio Lower Upper
112 100
64 63.7 45.7 68.5
63 35.4 26.2 39.2



#5
Phenol-d6
Concen: 0.011 ng
RT: 7.247 min Scan# 563
Delta R.T. 0.072 min
Lab File: BN025730.D
Acq: 31 May 2023 00:56

Tgt Ion: 99 Resp: 220
Ion Ratio Lower Upper
99 100
42 6.8 17.1 25.7#
71 33.6 29.3 43.9

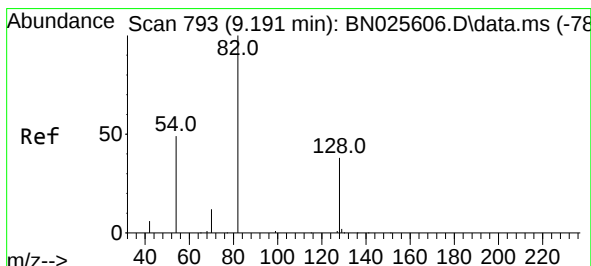
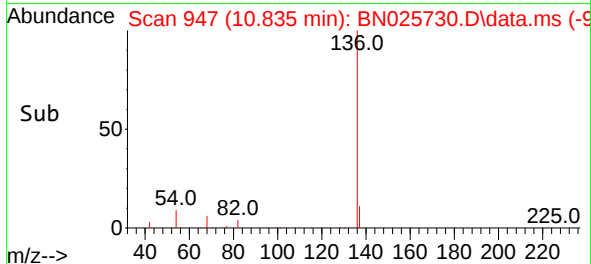
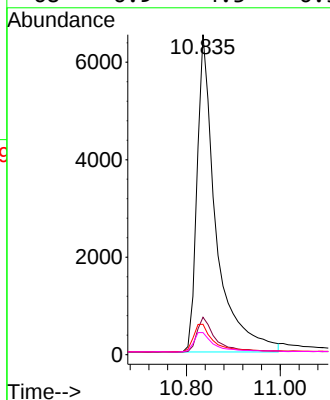
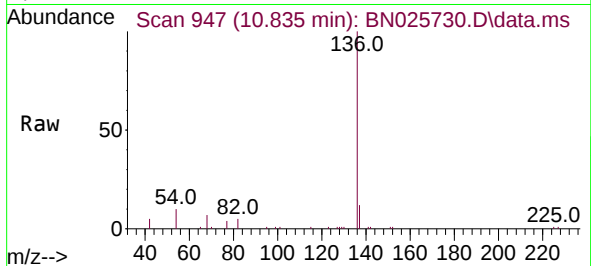




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.835 min Scan# 948
Delta R.T. -0.000 min
Lab File: BN025730.D
Acq: 31 May 2023 00:56

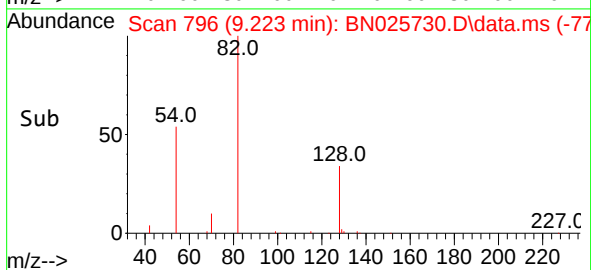
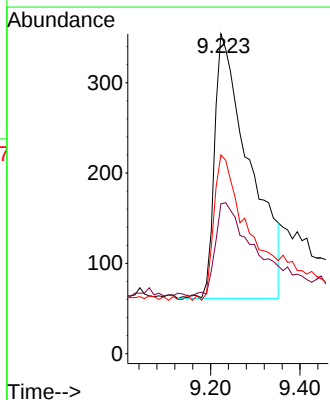
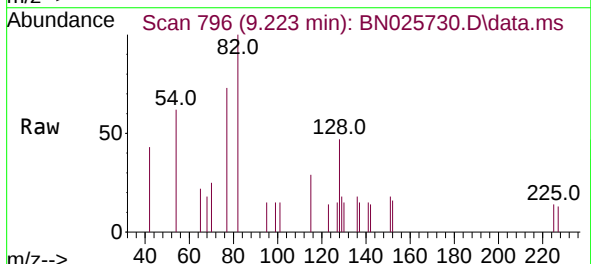
Instrument :
BNA_N
ClientSampleId :
RE134D2-20230523DL

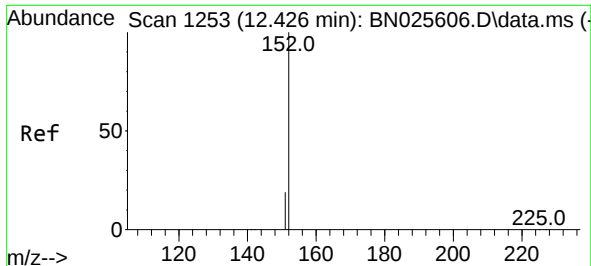
Tgt Ion:	136	Resp:	18233
Ion Ratio	Lower	Upper	
136	100		
137	11.7	9.1	13.7
54	9.5	5.4	8.0#
68	6.9	4.3	6.5#



#8
Nitrobenzene-d5
Concen: 0.104 ng
RT: 9.223 min Scan# 796
Delta R.T. 0.032 min
Lab File: BN025730.D
Acq: 31 May 2023 00:56

Tgt Ion:	82	Resp:	1592
Ion Ratio	Lower	Upper	
82	100		
128	46.9	32.5	48.7
54	62.1	40.6	60.8#

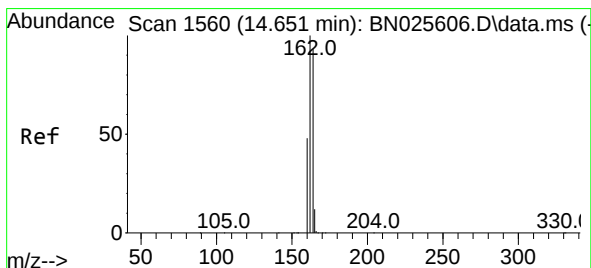
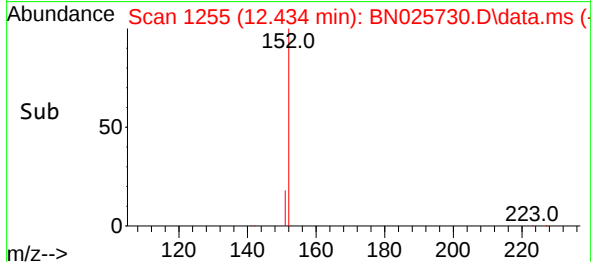
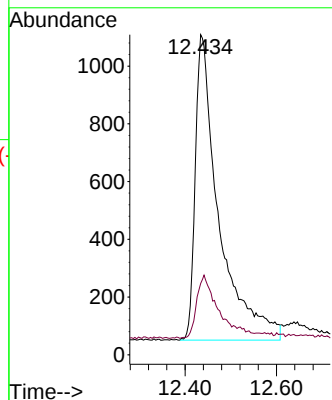
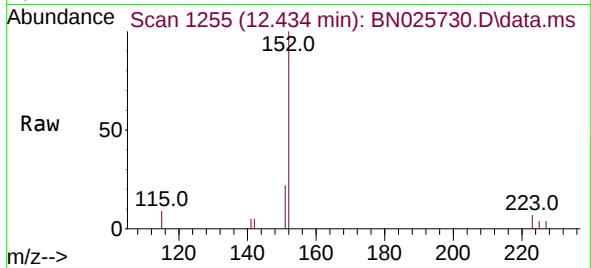




#11
2-Methylnaphthalene-d10
Concen: 0.145 ng
RT: 12.434 min Scan# 11
Delta R.T. 0.011 min
Lab File: BN025730.D
Acq: 31 May 2023 00:56

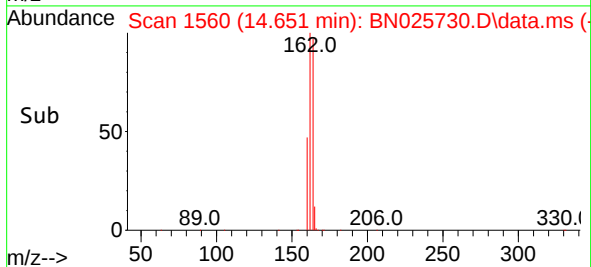
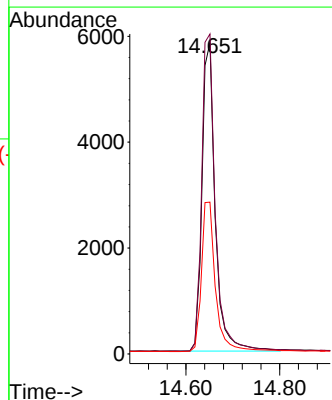
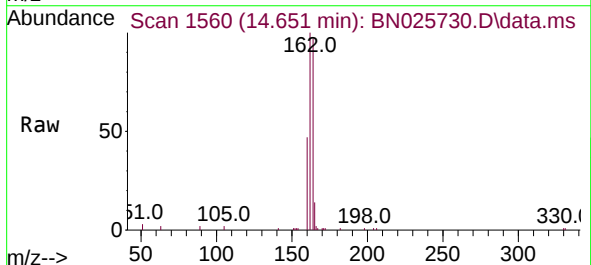
Instrument :
BNA_N
ClientSampleId :
RE134D2-20230523DL

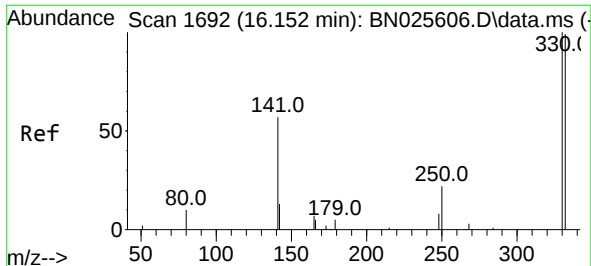
Tgt Ion:152 Resp: 3777
Ion Ratio Lower Upper
152 100
151 19.5 16.1 24.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.651 min Scan# 1560
Delta R.T. -0.000 min
Lab File: BN025730.D
Acq: 31 May 2023 00:56

Tgt Ion:164 Resp: 11446
Ion Ratio Lower Upper
164 100
162 102.8 86.4 129.6
160 48.8 41.9 62.9

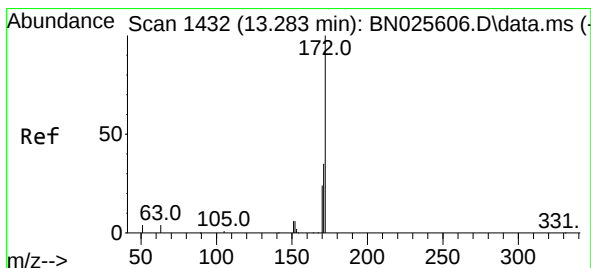
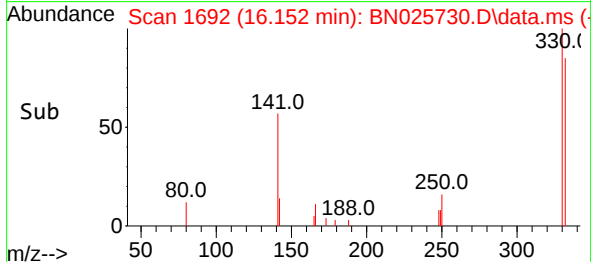
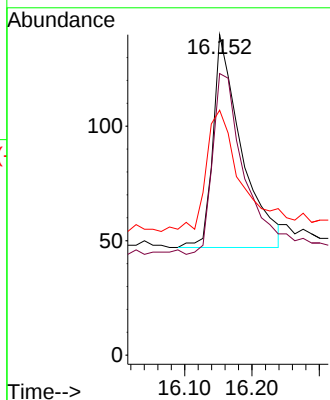
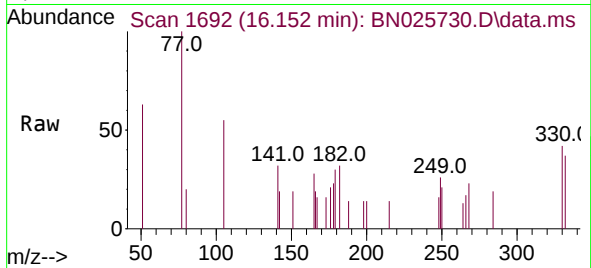




#14
2,4,6-Tribromophenol
Concen: 0.118 ng
RT: 16.152 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN025730.D
Acq: 31 May 2023 00:56

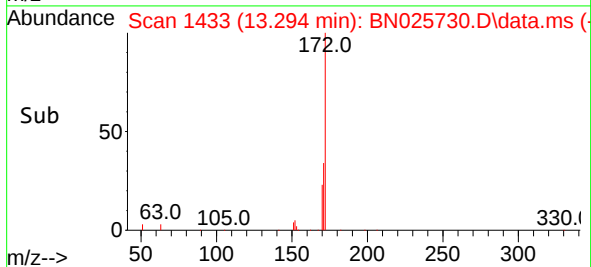
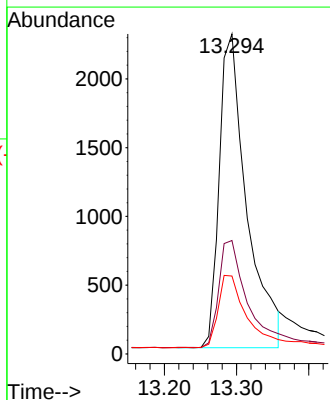
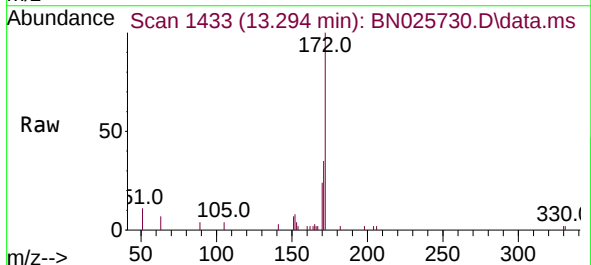
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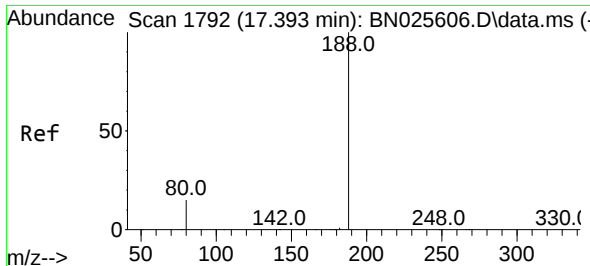
Tgt Ion:330 Resp: 273
Ion Ratio Lower Upper
330 100
332 93.8 80.0 120.0
141 66.7 45.8 68.6



#15
2-Fluorobiphenyl
Concen: 0.128 ng
RT: 13.294 min Scan# 1433
Delta R.T. 0.011 min
Lab File: BN025730.D
Acq: 31 May 2023 00:56

Tgt Ion:172 Resp: 6039
Ion Ratio Lower Upper
172 100
171 35.5 28.6 42.8
170 24.4 19.7 29.5

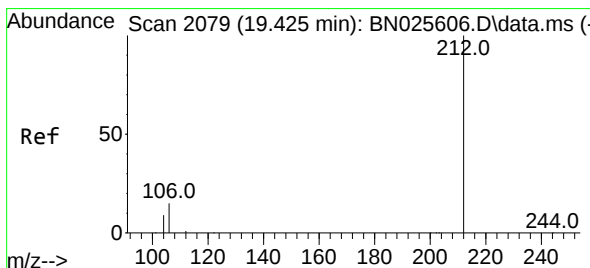
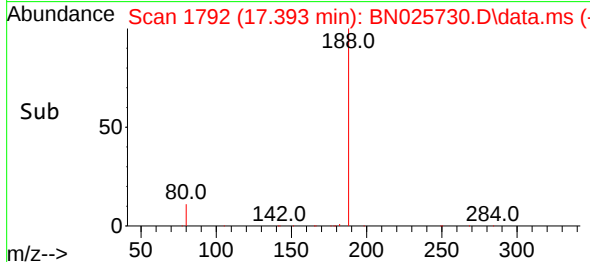
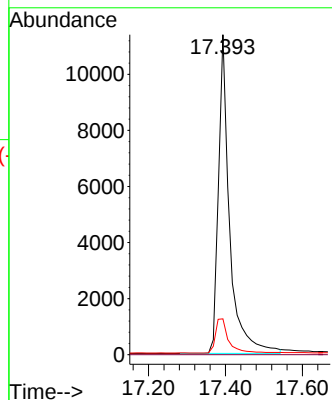
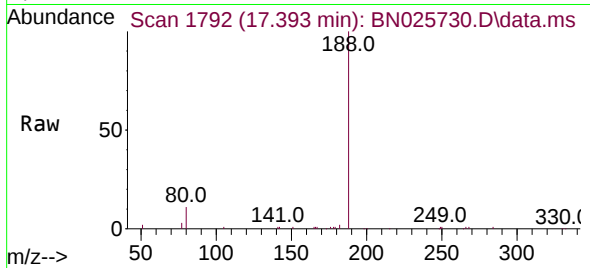




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.393 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN025730.D
Acq: 31 May 2023 00:56

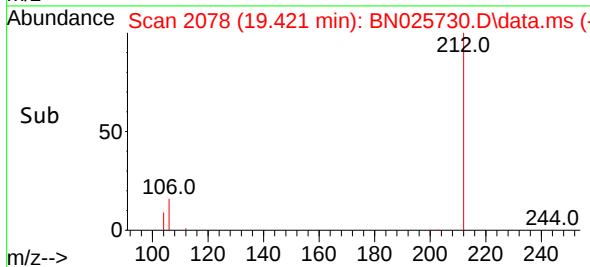
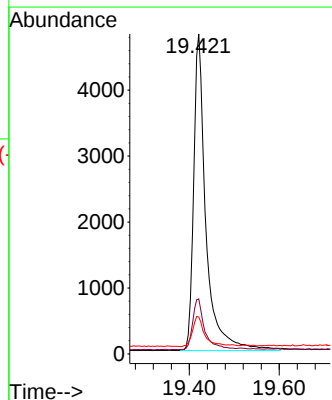
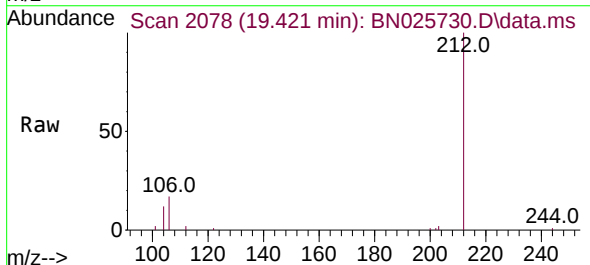
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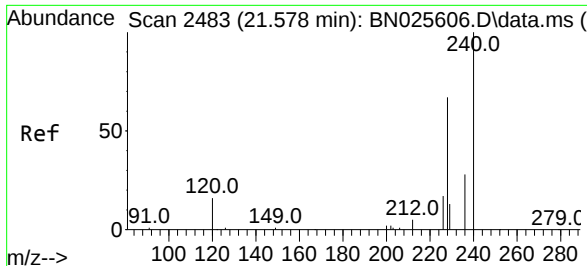
Tgt Ion:188 Resp: 22846
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.2 12.2 18.2#



#27
Fluoranthene-d10
Concen: 0.176 ng
RT: 19.421 min Scan# 2078
Delta R.T. -0.000 min
Lab File: BN025730.D
Acq: 31 May 2023 00:56

Tgt Ion:212 Resp: 9108
Ion Ratio Lower Upper
212 100
106 15.6 12.3 18.5
104 9.6 7.2 10.8

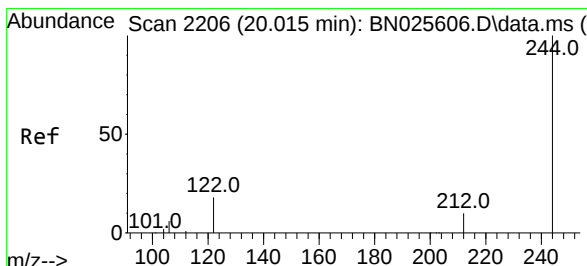
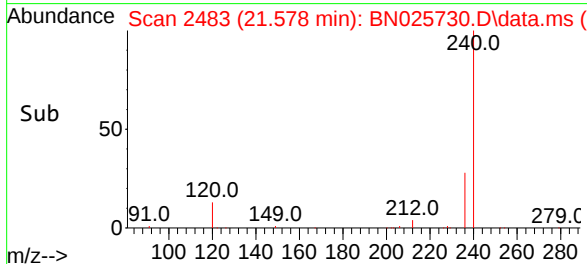
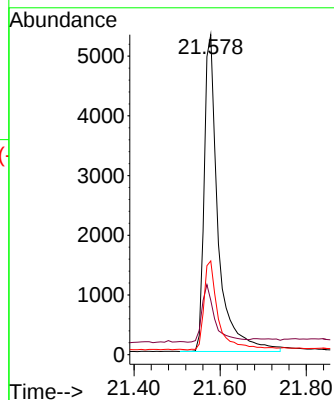
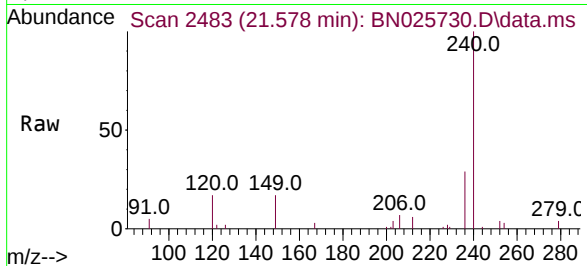




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.578 min Scan# 2483
Delta R.T. -0.000 min
Lab File: BN025730.D
Acq: 31 May 2023 00:56

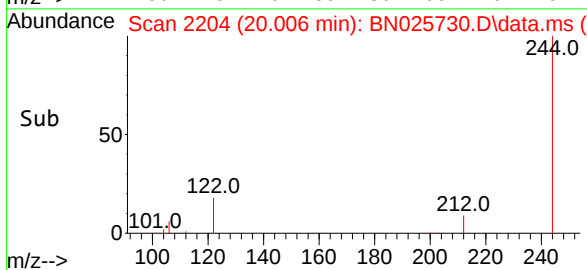
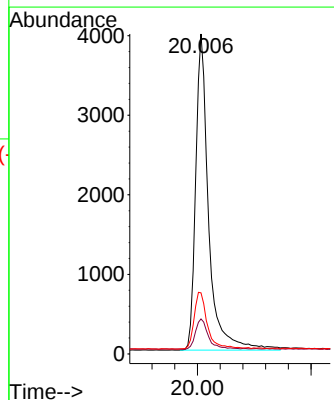
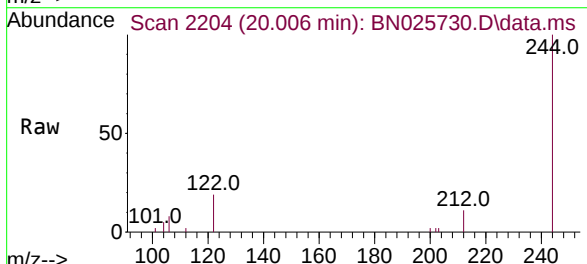
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RE134D2-20230523DL

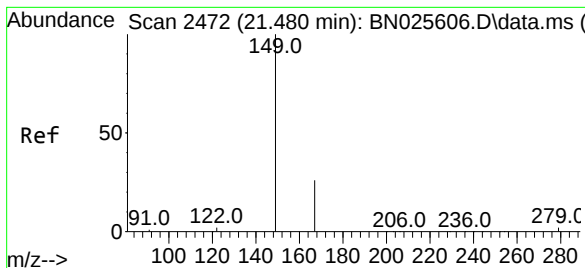
Tgt Ion:240 Resp: 11979
Ion Ratio Lower Upper
240 100
120 17.0 15.4 23.0
236 29.3 23.2 34.8



#31
Terphenyl-d14
Concen: 0.240 ng
RT: 20.006 min Scan# 2204
Delta R.T. -0.009 min
Lab File: BN025730.D
Acq: 31 May 2023 00:56

Tgt Ion:244 Resp: 6288
Ion Ratio Lower Upper
244 100
212 11.0 8.5 12.7
122 19.1 14.9 22.3

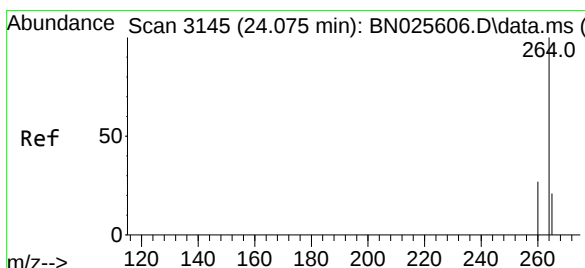
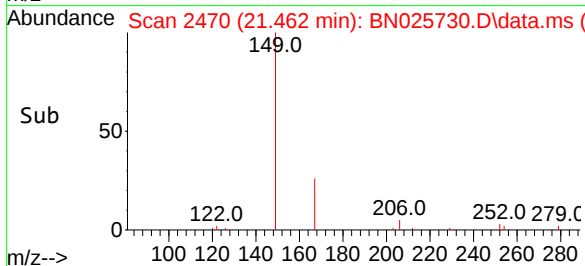
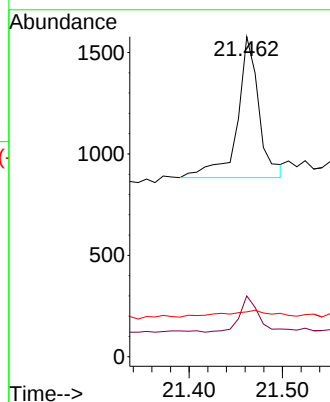
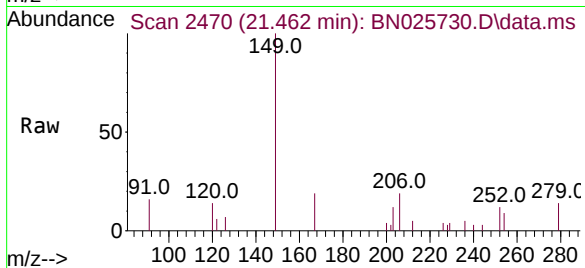




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.041 ng
RT: 21.462 min Scan# 2470
Delta R.T. -0.009 min
Lab File: BN025730.D
Acq: 31 May 2023 00:56

Instrument :
BNA_N
ClientSampleId :
RE134D2-20230523DL

Tgt Ion:149 Resp: 1124
Ion Ratio Lower Upper
149 100
167 23.4 20.4 30.6
279 10.9 3.3 4.9#



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.063 min Scan# 3141
Delta R.T. -0.006 min
Lab File: BN025730.D
Acq: 31 May 2023 00:56

Tgt Ion:264 Resp: 10321
Ion Ratio Lower Upper
264 100
260 27.1 22.3 33.5
265 61.7 54.3 81.5

