

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040423\
 Data File : BN024750.D
 Acq On : 04 Apr 2023 15:13
 Operator : CG/JU
 Sample : 02034-02DL 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWCB-05-20-25-032123DL

Quant Time: Apr 05 00:34:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN040323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 05 00:33:24 2023
 Response via : Initial Calibration

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

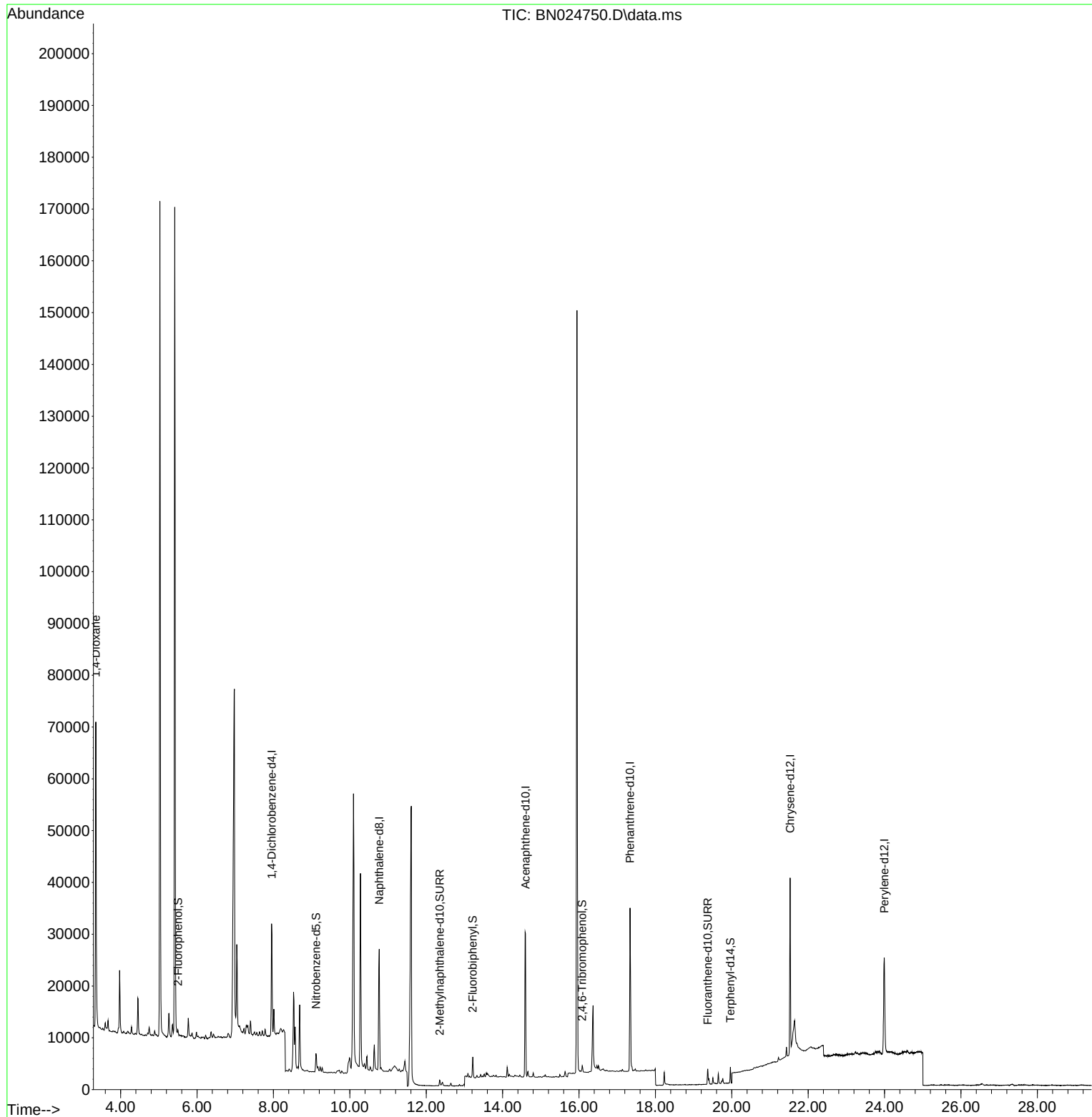
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.953	152	10149	0.400	ng	-0.04
7) Naphthalene-d8	10.770	136	29944	0.400	ng	#-0.03
13) Acenaphthene-d10	14.600	164	17344	0.400	ng	-0.02
19) Phenanthrene-d10	17.338	188	38919	0.400	ng	#-0.04
29) Chrysene-d12	21.529	240	31220	0.400	ng	-0.04
35) Perylene-d12	23.994	264	29991	0.400	ng	#-0.06
System Monitoring Compounds						
4) 2-Fluorophenol	5.505	112	542	0.023	ng	-0.04
5) Phenol-d6	7.115	99	504	0.017	ng	-0.03
8) Nitrobenzene-d5	9.115	82	1158	0.050	ng	-0.04
11) 2-Methylnaphthalene-d10	12.353	152	1437	0.037	ng	-0.03
14) 2,4,6-Tribromophenol	16.084	330	369	0.049	ng	-0.04
15) 2-Fluorobiphenyl	13.221	172	3252	0.048	ng	-0.03
27) Fluoranthene-d10	19.370	212	3160	0.038	ng	-0.03
31) Terphenyl-d14	19.964	244	2755	0.031	ng	-0.03
Target Compounds						
2) 1,4-Dioxane	3.352	88	34206	3.264	ng	Qvalue 96

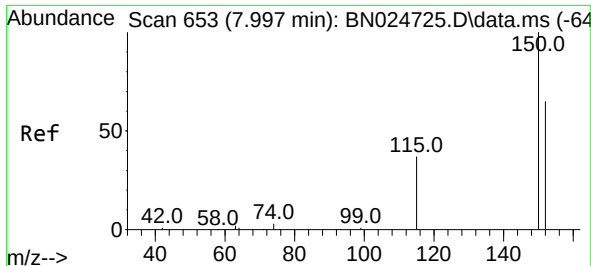
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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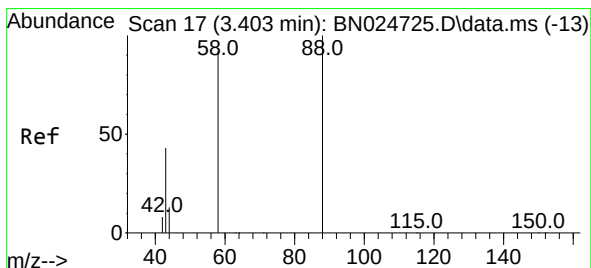
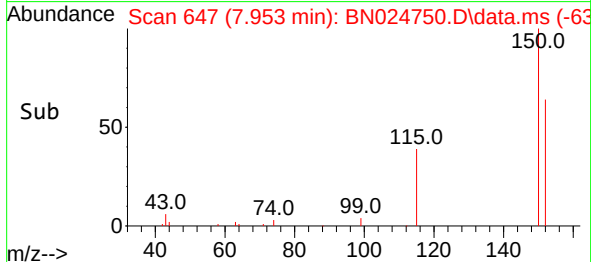
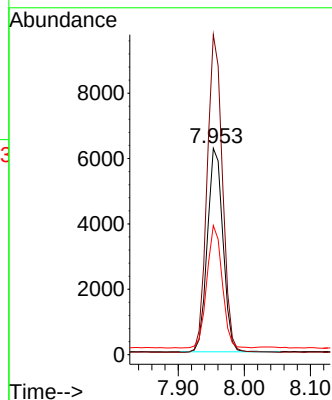
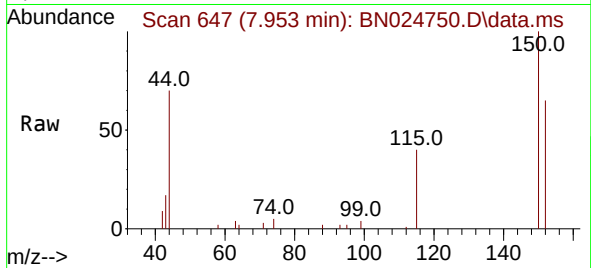




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.953 min Scan# 64
 Delta R.T. -0.036 min
 Lab File: BN024750.D
 Acq: 04 Apr 2023 15:13

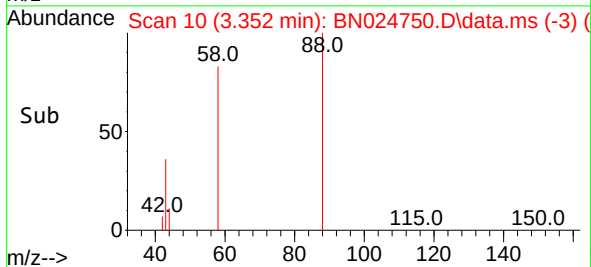
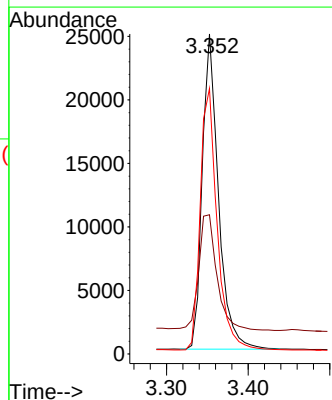
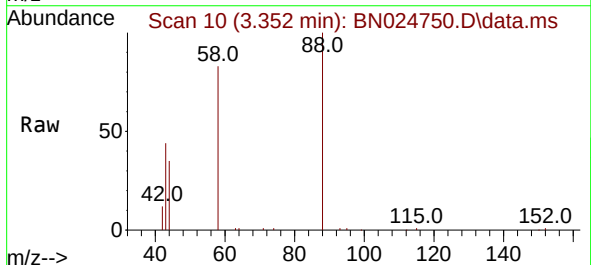
Instrument :
 BNA_N
 ClientSampleId :
 GWCB-05-20-25-032123DL

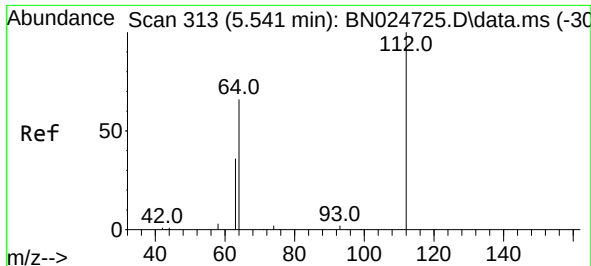
Tgt Ion:152 Resp: 10149
 Ion Ratio Lower Upper
 152 100
 150 155.0 123.0 184.4
 115 62.5 48.7 73.1



#2
 1,4-Dioxane
 Concen: 3.264 ng
 RT: 3.352 min Scan# 10
 Delta R.T. -0.051 min
 Lab File: BN024750.D
 Acq: 04 Apr 2023 15:13

Tgt Ion: 88 Resp: 34206
 Ion Ratio Lower Upper
 88 100
 43 41.8 32.8 49.2
 58 86.7 73.0 109.6

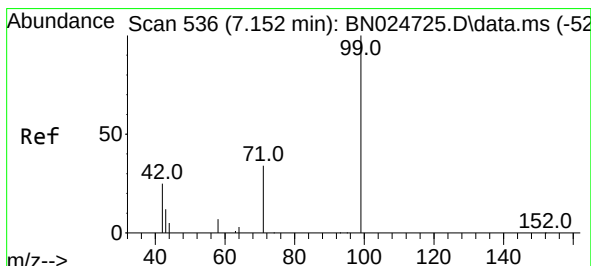
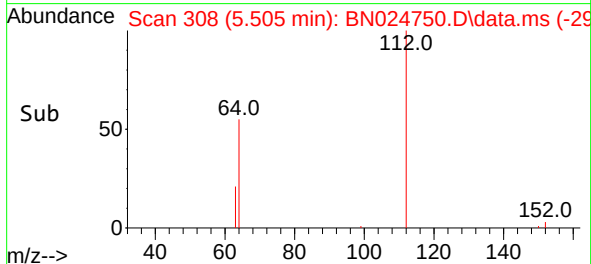
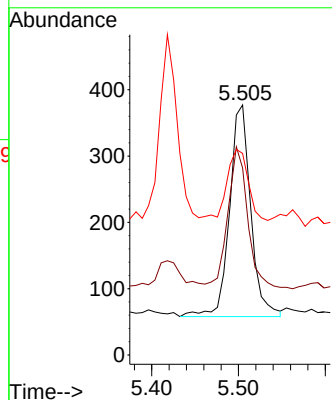
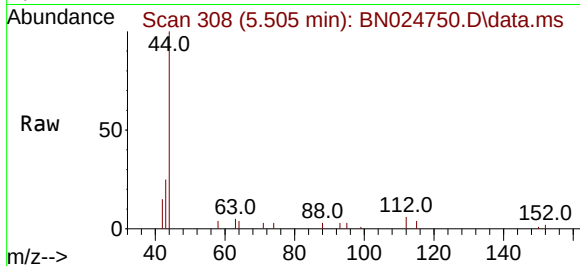




#4
2-Fluorophenol
Concen: 0.023 ng
RT: 5.505 min Scan# 308
Delta R.T. -0.036 min
Lab File: BN024750.D
Acq: 04 Apr 2023 15:13

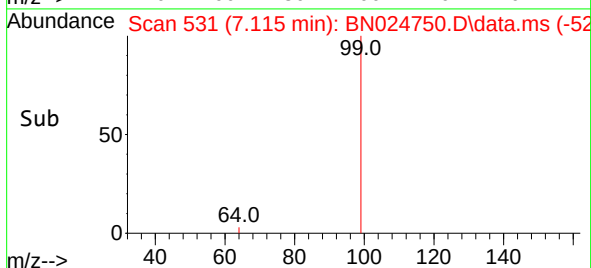
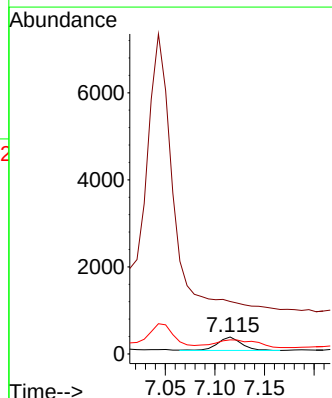
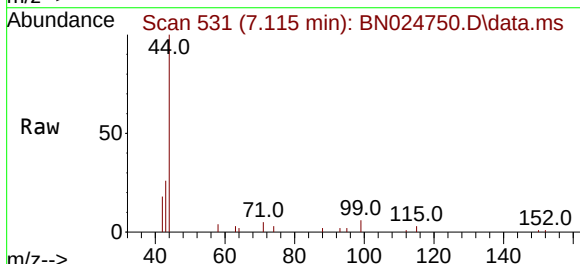
Instrument :
BNA_N
ClientSampleId :
GWCB-05-20-25-032123DL

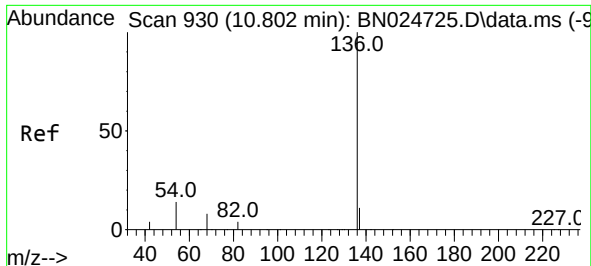
Tgt Ion:112 Resp: 542
Ion Ratio Lower Upper
112 100
64 62.7 52.1 78.1
63 33.0 28.7 43.1



#5
Phenol-d6
Concen: 0.017 ng
RT: 7.115 min Scan# 531
Delta R.T. -0.029 min
Lab File: BN024750.D
Acq: 04 Apr 2023 15:13

Tgt Ion: 99 Resp: 504
Ion Ratio Lower Upper
99 100
42 0.0 23.7 35.5#
71 103.8 28.2 42.4#

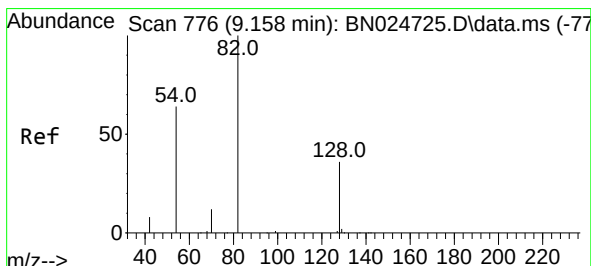
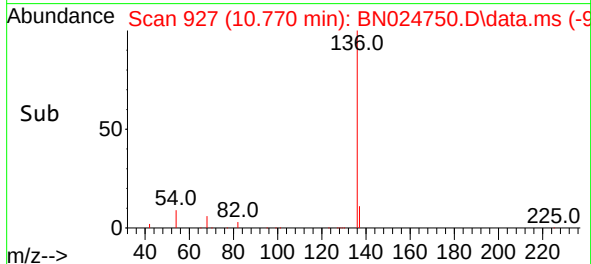
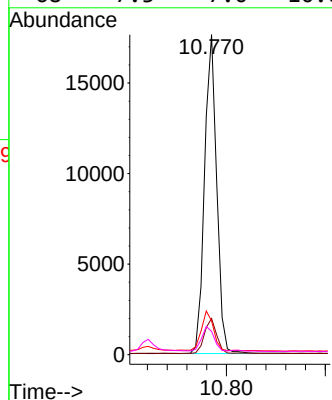
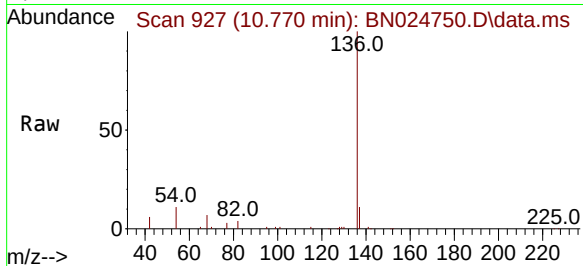




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.770 min Scan# 91
Delta R.T. -0.032 min
Lab File: BN024750.D
Acq: 04 Apr 2023 15:13

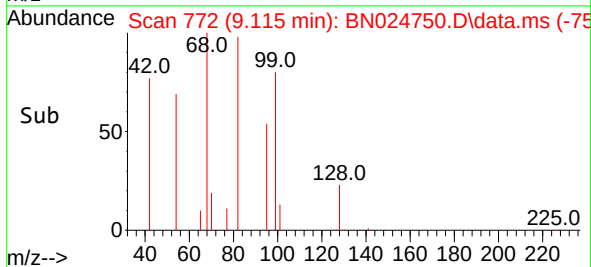
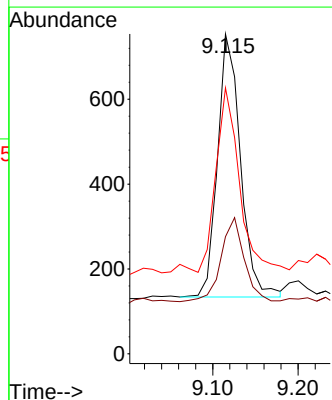
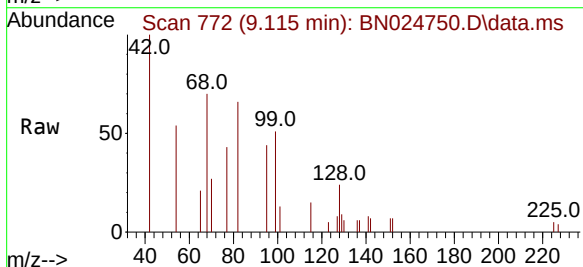
Instrument :
BNA_N
ClientSampleId :
GWCB-05-20-25-032123DL

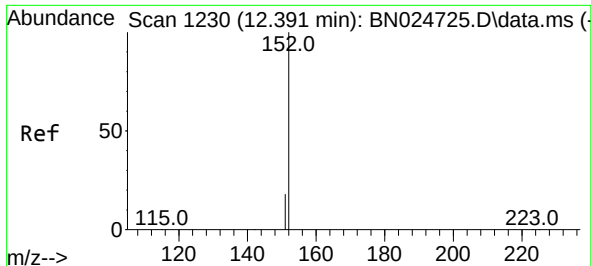
Tgt Ion:	136	Resp:	29944
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.0	13.6
54	10.6	11.4	17.0#
68	7.3	7.0	10.6



#8
Nitrobenzene-d5
Concen: 0.050 ng
RT: 9.115 min Scan# 772
Delta R.T. -0.043 min
Lab File: BN024750.D
Acq: 04 Apr 2023 15:13

Tgt Ion:	82	Resp:	1158
Ion Ratio	Lower	Upper	
82	100		
128	36.6	29.4	44.2
54	83.2	51.3	76.9#

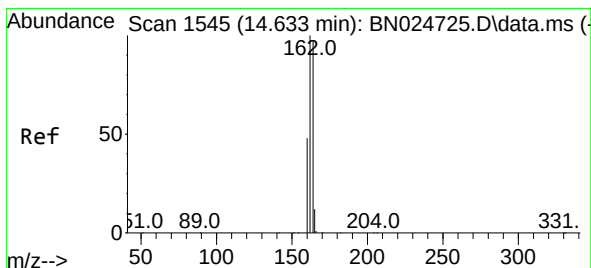
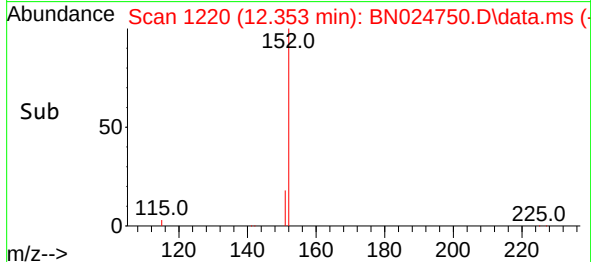
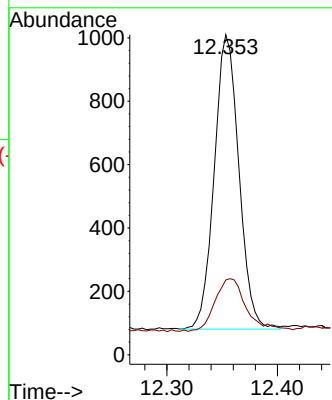
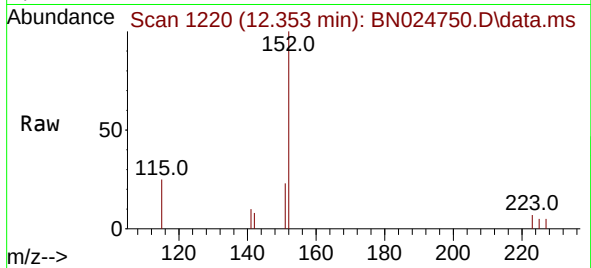




#11
2-Methylnaphthalene-d10
Concen: 0.037 ng
RT: 12.353 min Scan# 11
Delta R.T. -0.034 min
Lab File: BN024750.D
Acq: 04 Apr 2023 15:13

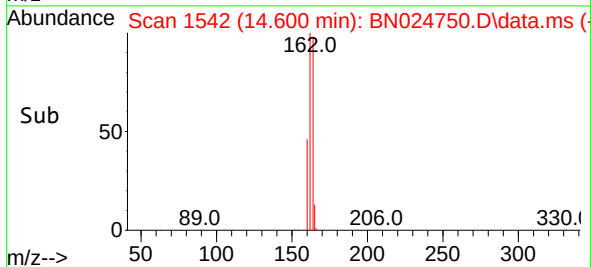
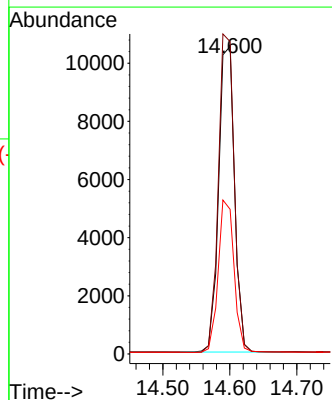
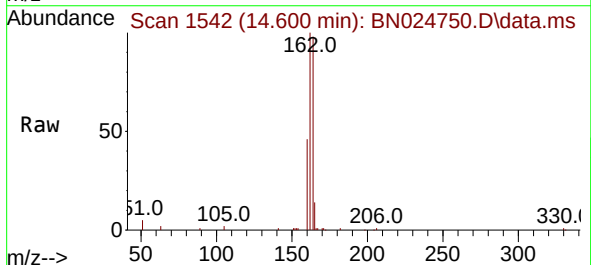
Instrument :
BNA_N
ClientSampleId :
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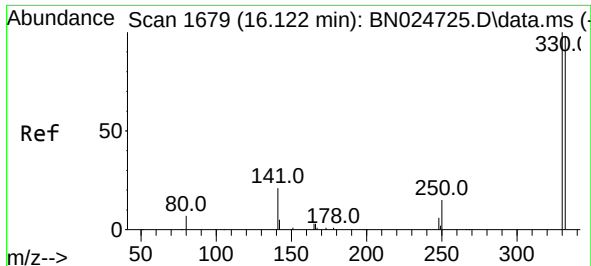
Tgt Ion:152 Resp: 1437
Ion Ratio Lower Upper
152 100
151 22.8 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.600 min Scan# 1542
Delta R.T. -0.022 min
Lab File: BN024750.D
Acq: 04 Apr 2023 15:13

Tgt Ion:164 Resp: 17344
Ion Ratio Lower Upper
164 100
162 101.6 82.2 123.4
160 47.0 39.4 59.0

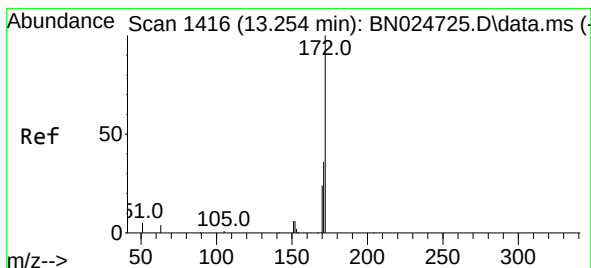
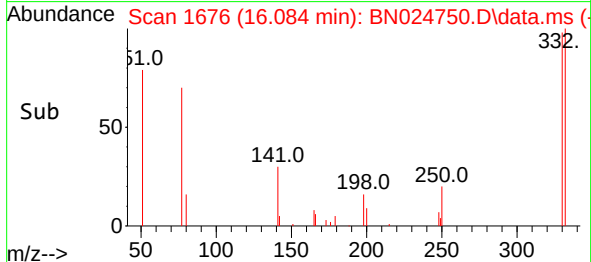
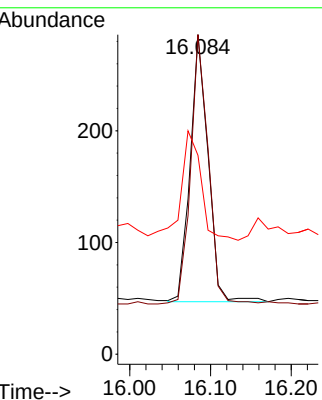
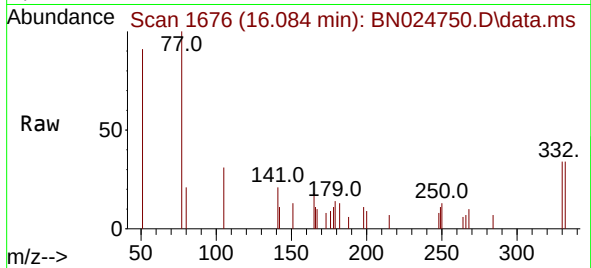




#14
2,4,6-Tribromophenol
Concen: 0.049 ng
RT: 16.084 min Scan# 1676
Delta R.T. -0.037 min
Lab File: BN024750.D
Acq: 04 Apr 2023 15:13

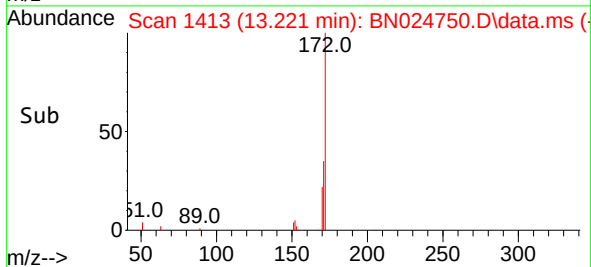
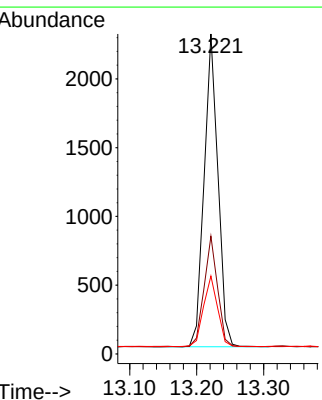
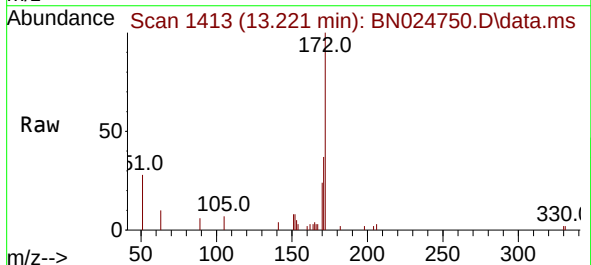
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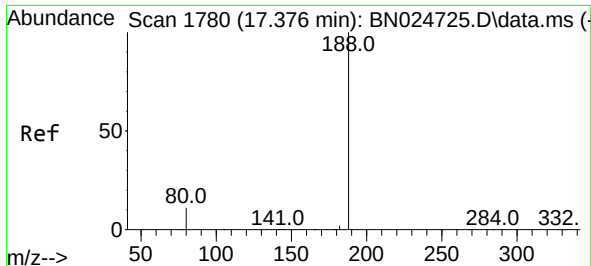
Tgt Ion:330 Resp: 369
Ion Ratio Lower Upper
330 100
332 99.2 77.6 116.4
141 45.8 29.6 44.4#



#15
2-Fluorobiphenyl
Concen: 0.048 ng
RT: 13.221 min Scan# 1413
Delta R.T. -0.032 min
Lab File: BN024750.D
Acq: 04 Apr 2023 15:13

Tgt Ion:172 Resp: 3252
Ion Ratio Lower Upper
172 100
171 36.8 28.8 43.2
170 24.3 19.5 29.3

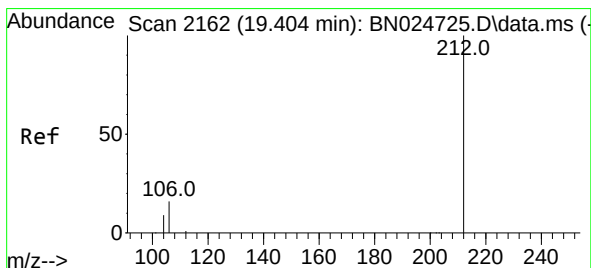
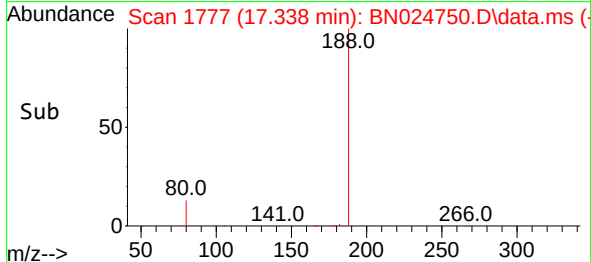
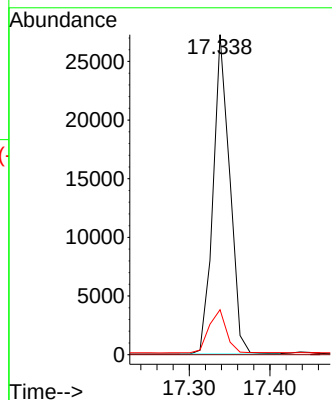
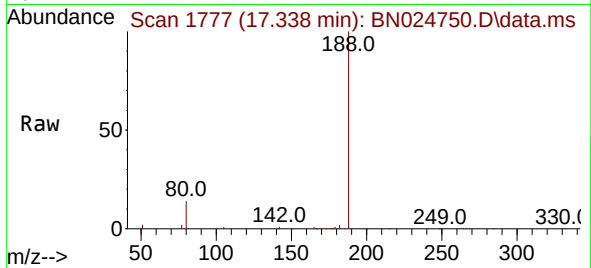




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.338 min Scan# 11
Delta R.T. -0.037 min
Lab File: BN024750.D
Acq: 04 Apr 2023 15:13

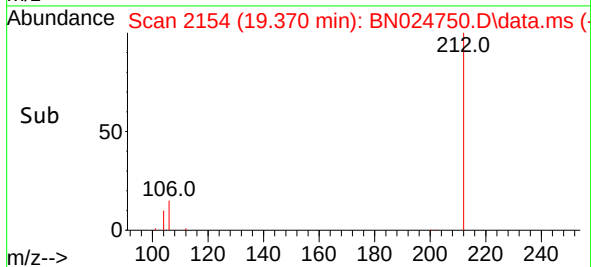
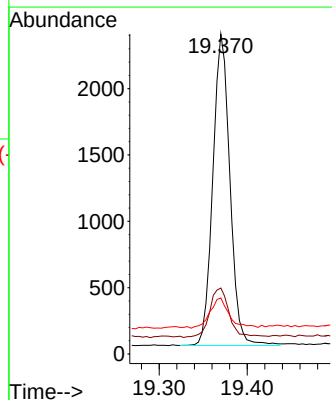
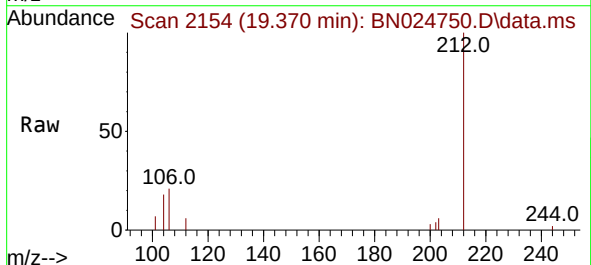
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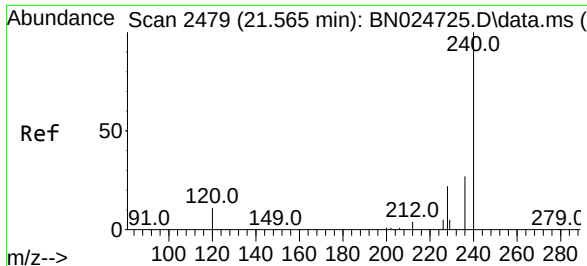
Tgt Ion:188 Resp: 38919
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.1 9.2 13.8#



#27
Fluoranthene-d10
Concen: 0.038 ng
RT: 19.370 min Scan# 2154
Delta R.T. -0.034 min
Lab File: BN024750.D
Acq: 04 Apr 2023 15:13

Tgt Ion:212 Resp: 3160
Ion Ratio Lower Upper
212 100
106 18.2 13.0 19.4
104 10.8 7.4 11.0

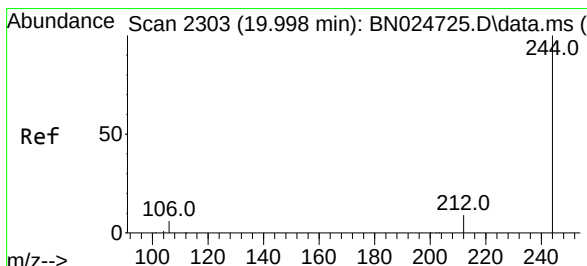
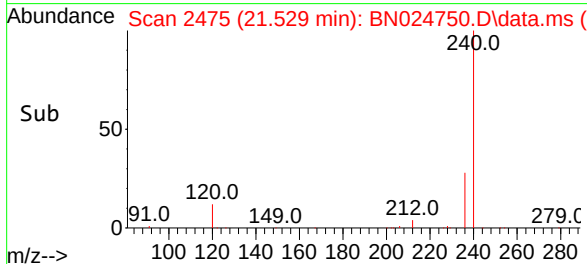
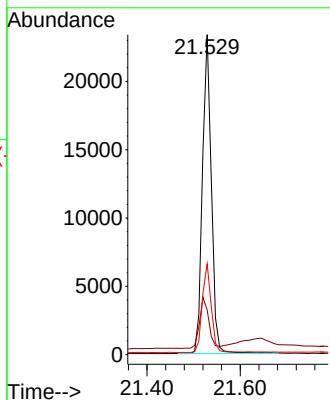
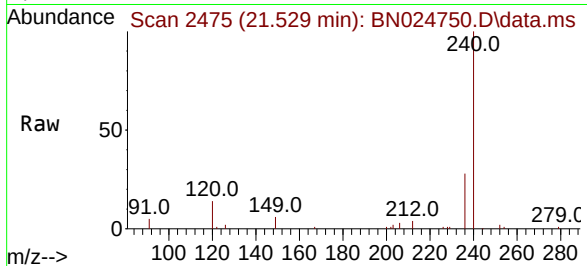




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.529 min Scan# 2475
Delta R.T. -0.036 min
Lab File: BN024750.D
Acq: 04 Apr 2023 15:13

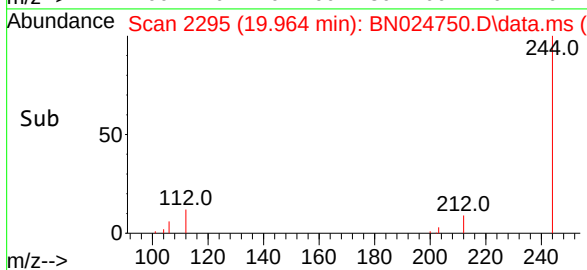
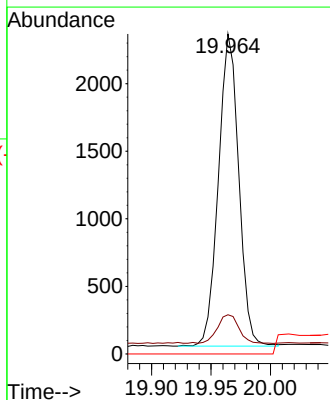
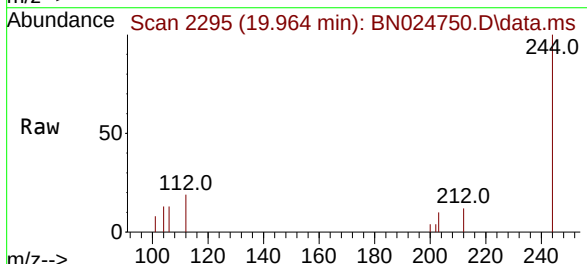
Instrument :
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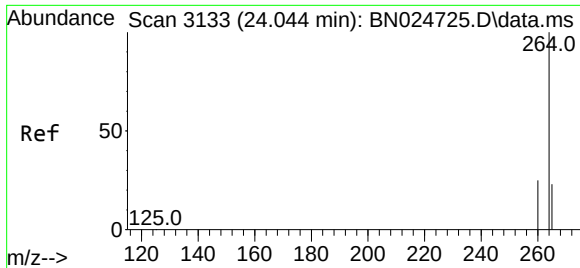
Tgt Ion:240 Resp: 31220
Ion Ratio Lower Upper
240 100
120 14.0 10.6 16.0
236 28.4 22.3 33.5



#31
Terphenyl-d14
Concen: 0.031 ng
RT: 19.964 min Scan# 2295
Delta R.T. -0.034 min
Lab File: BN024750.D
Acq: 04 Apr 2023 15:13

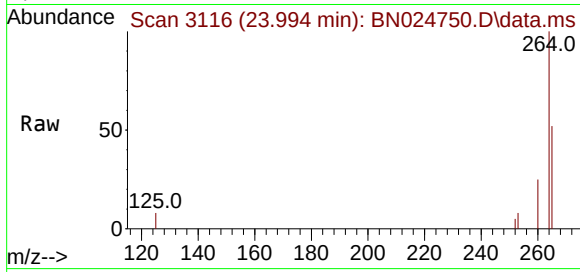
Tgt Ion:244 Resp: 2755
Ion Ratio Lower Upper
244 100
212 12.2 7.4 11.0#
122 0.0 0.0 0.0





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.994 min Scan# 31
Delta R.T. -0.056 min
Lab File: BN024750.D
Acq: 04 Apr 2023 15:13

Instrument :
BNA_N
ClientSampleId :
GWCB-05-20-25-032123DL



Tgt Ion:264 Resp: 29991
Ion Ratio Lower Upper
264 100
260 25.2 20.6 31.0
265 51.9 62.5 93.7#

