

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062823\
 Data File : BN026052.D
 Acq On : 28 Jun 2023 10:54
 Operator : MA/JU
 Sample : 03408-02DL 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWOW-BR-05-390-410-062323DL

Quant Time: Jun 29 00:10:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 05:23:31 2023
 Response via : Initial Calibration

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

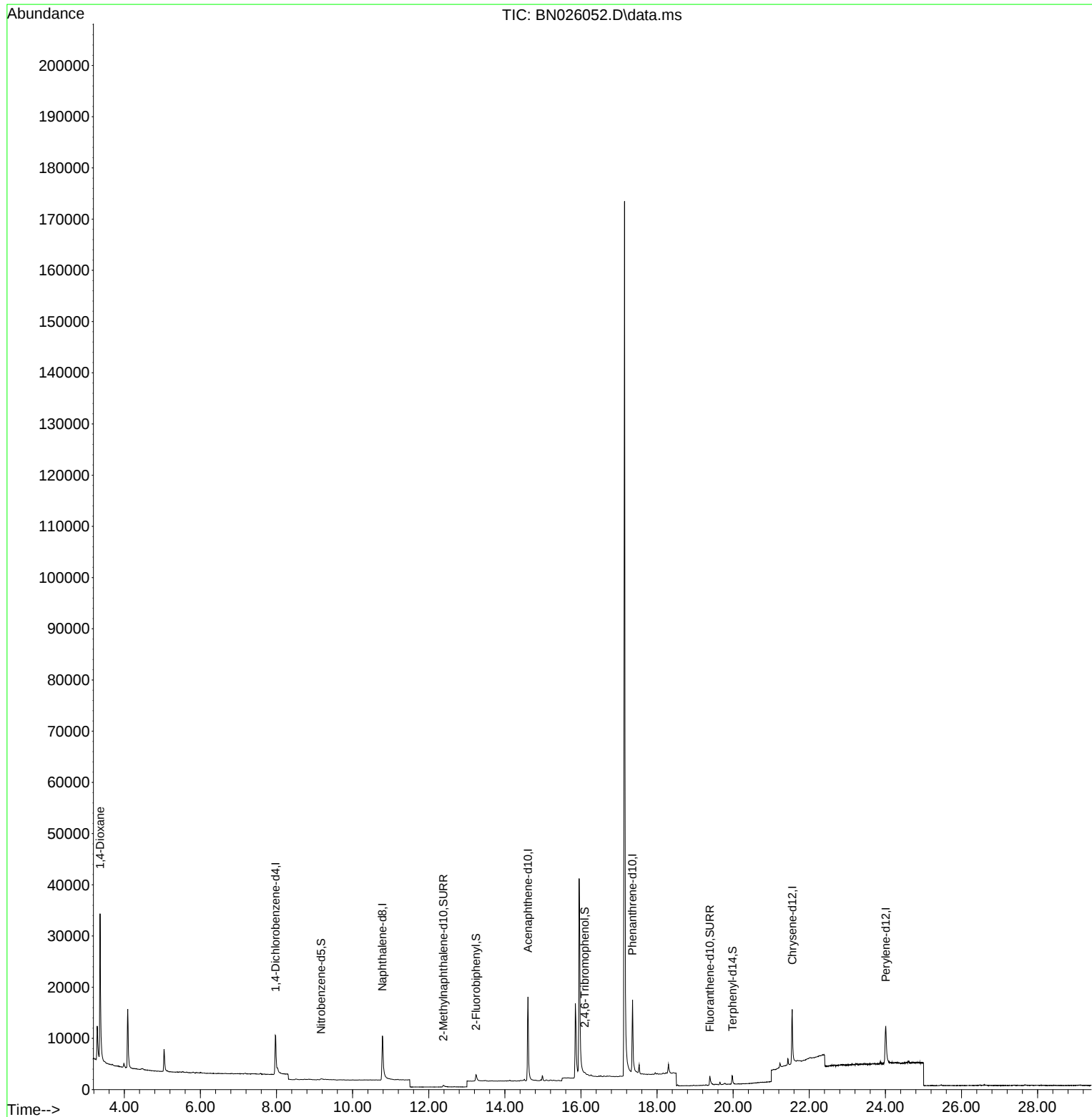
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.976	152	5691	0.400	ng	0.00
7) Naphthalene-d8	10.782	136	17587	0.400	ng	0.00
13) Acenaphthene-d10	14.609	164	11401	0.400	ng	0.00
19) Phenanthrene-d10	17.356	188	24359	0.400	ng	0.00
29) Chrysene-d12	21.551	240	13936	0.400	ng	0.00
35) Perylene-d12	24.010	264	13248	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.535	112	209	0.015	ng	0.00
5) Phenol-d6	7.153	99	145	0.008	ng	0.01
8) Nitrobenzene-d5	9.170	82	380	0.025	ng	0.02
11) 2-Methylnaphthalene-d10	12.385	152	991	0.039	ng	0.01
14) 2,4,6-Tribromophenol	16.102	330	177	0.043	ng	0.00
15) 2-Fluorobiphenyl	13.240	172	1958	0.044	ng	0.00
27) Fluoranthene-d10	19.388	212	2617	0.051	ng	0.00
31) Terphenyl-d14	19.978	244	2095	0.059	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.361	88	21547	3.579	ng	Qvalue 97

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

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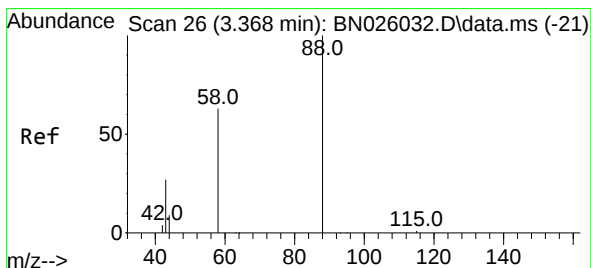
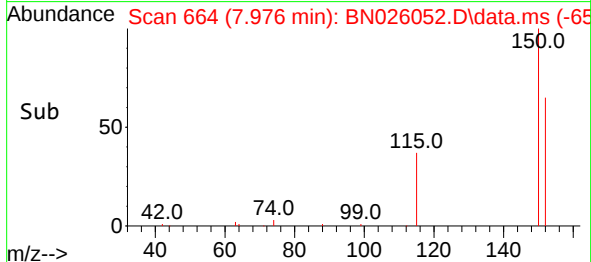
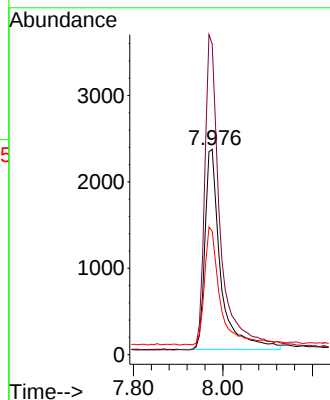
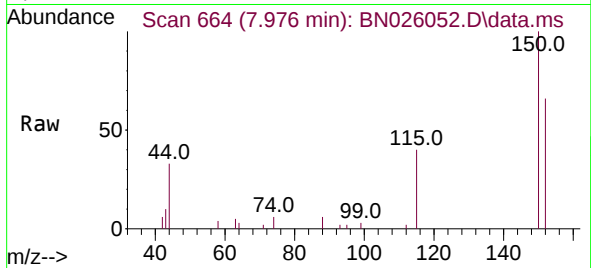




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.976 min Scan# 6
 Delta R.T. 0.000 min
 Lab File: BN026052.D
 Acq: 28 Jun 2023 10:54

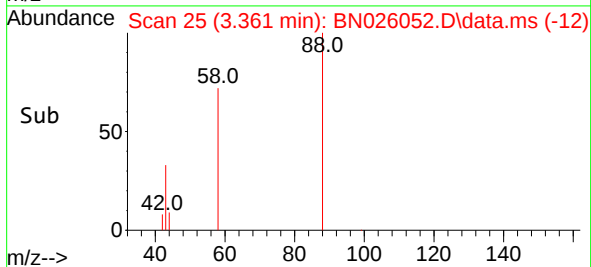
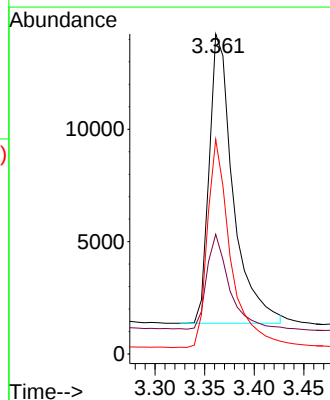
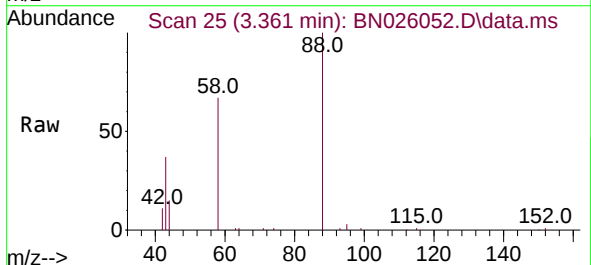
Instrument :
 BNA_N
 ClientSampleId :
 GWOW-BR-05-390-410-062323DL

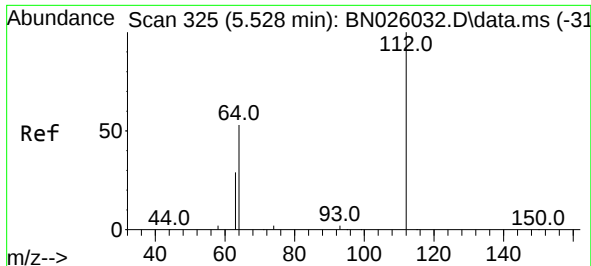
Tgt Ion:152 Resp: 5691
 Ion Ratio Lower Upper
 152 100
 150 151.3 124.7 187.1
 115 60.2 48.2 72.4



#2
 1,4-Dioxane
 Concen: 3.579 ng
 RT: 3.361 min Scan# 25
 Delta R.T. -0.007 min
 Lab File: BN026052.D
 Acq: 28 Jun 2023 10:54

Tgt Ion: 88 Resp: 21547
 Ion Ratio Lower Upper
 88 100
 43 31.1 24.2 36.4
 58 70.0 53.3 79.9

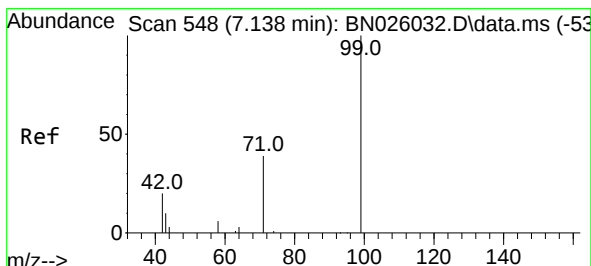
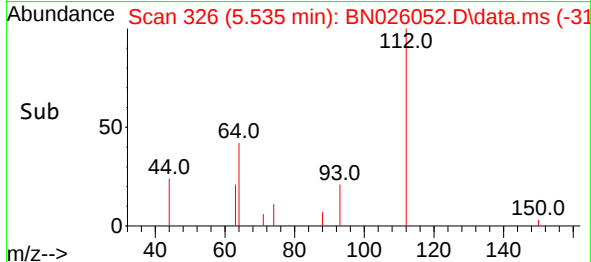
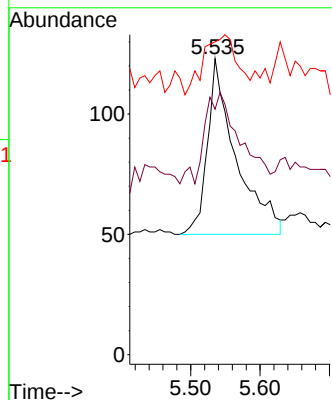
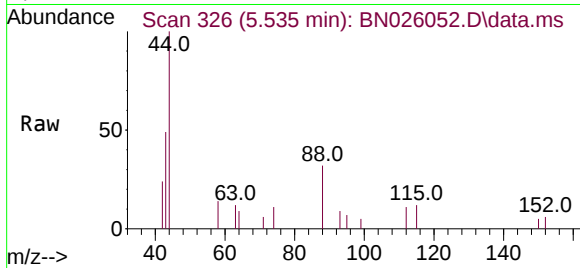




#4
2-Fluorophenol
Concen: 0.015 ng
RT: 5.535 min Scan# 31
Delta R.T. 0.007 min
Lab File: BN026052.D
Acq: 28 Jun 2023 10:54

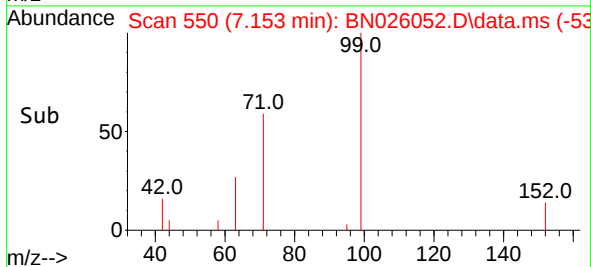
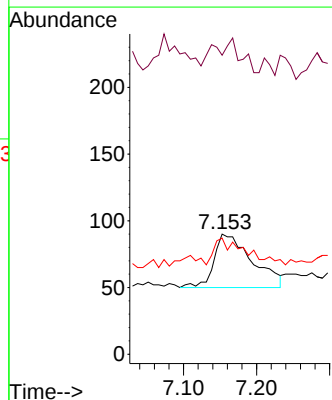
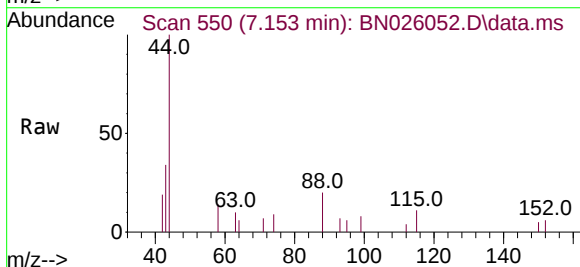
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-390-410-062323DL

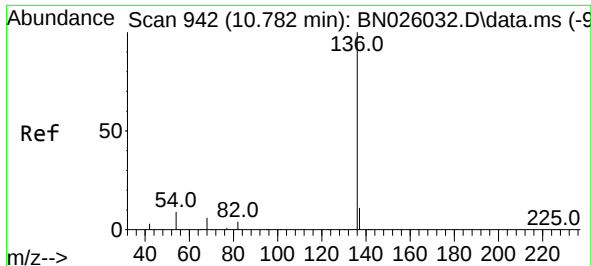
Tgt Ion:112 Resp: 209
Ion Ratio Lower Upper
112 100
64 64.1 45.8 68.6
63 40.2 27.4 41.2



#5
Phenol-d6
Concen: 0.008 ng
RT: 7.153 min Scan# 550
Delta R.T. 0.015 min
Lab File: BN026052.D
Acq: 28 Jun 2023 10:54

Tgt Ion: 99 Resp: 145
Ion Ratio Lower Upper
99 100
42 13.8 18.4 27.6#
71 37.2 30.6 46.0

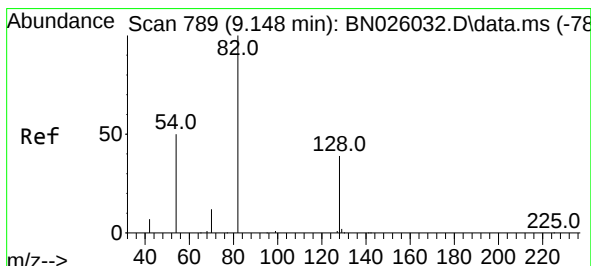
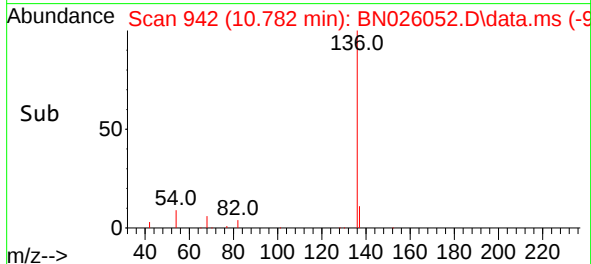
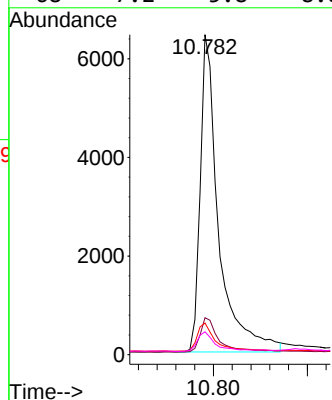
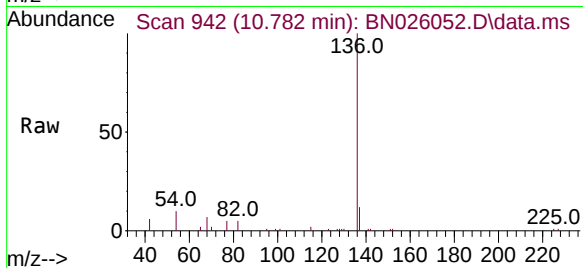




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.782 min Scan# 941
Delta R.T. 0.000 min
Lab File: BN026052.D
Acq: 28 Jun 2023 10:54

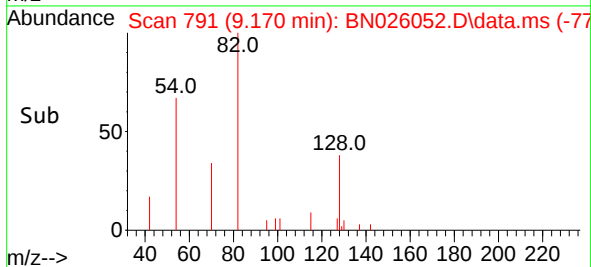
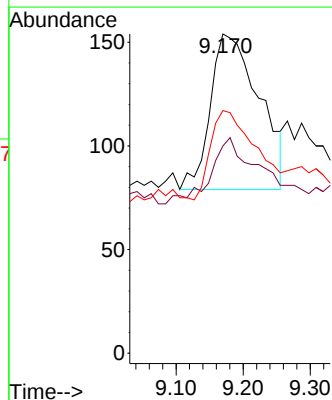
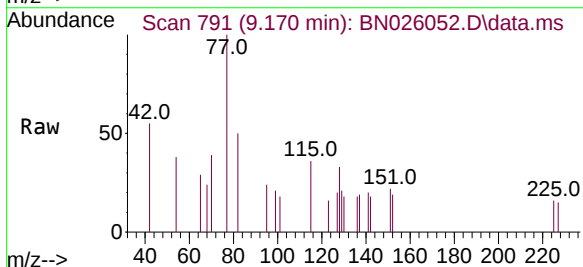
Instrument :
BNA_N
ClientSampleId :
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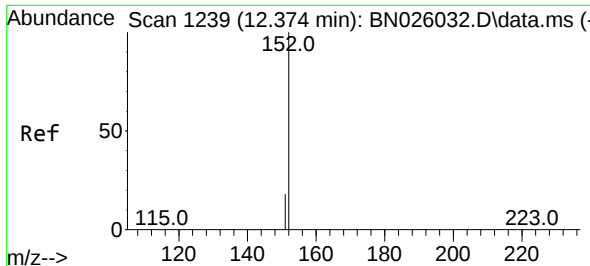
Tgt Ion:	136	Resp:	17587
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.4
54	9.9	7.8	11.6
68	7.2	5.8	8.8



#8
Nitrobenzene-d5
Concen: 0.025 ng
RT: 9.170 min Scan# 791
Delta R.T. 0.022 min
Lab File: BN026052.D
Acq: 28 Jun 2023 10:54

Tgt Ion:	82	Resp:	380
Ion	Ratio	Lower	Upper
82	100		
128	64.9	33.4	50.2#
54	76.0	41.7	62.5#

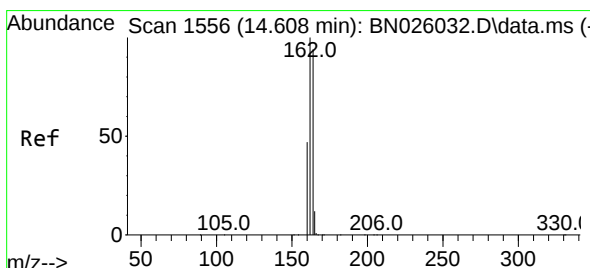
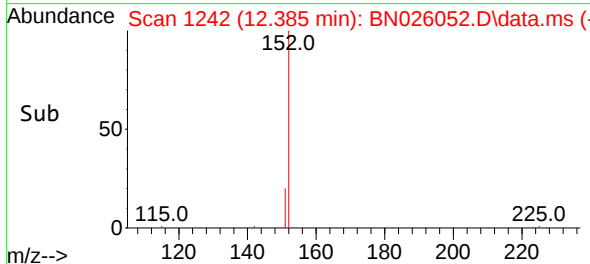
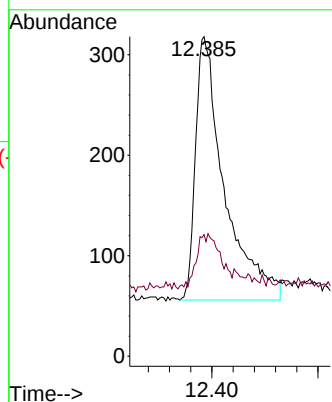
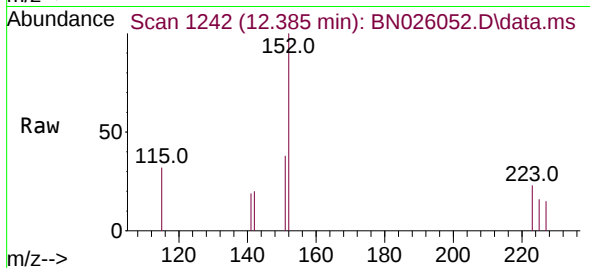




#11
2-Methylnaphthalene-d10
Concen: 0.039 ng
RT: 12.385 min Scan# 11
Delta R.T. 0.011 min
Lab File: BN026052.D
Acq: 28 Jun 2023 10:54

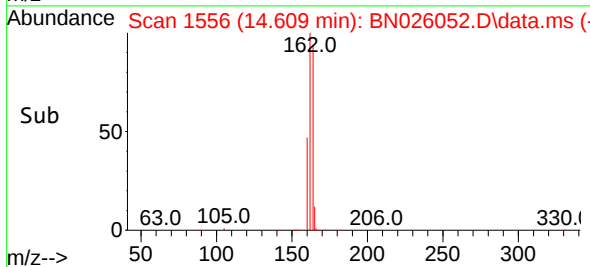
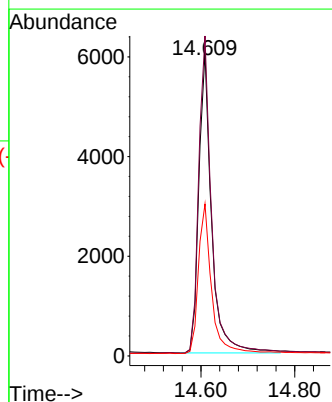
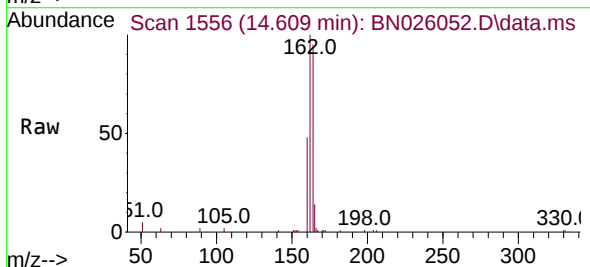
Instrument :
BNA_N
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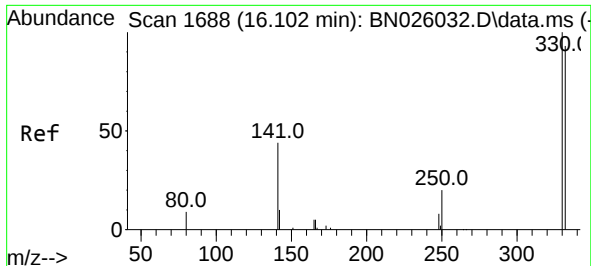
Tgt Ion:152 Resp: 991
Ion Ratio Lower Upper
152 100
151 7.6 16.2 24.2#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.609 min Scan# 1556
Delta R.T. 0.000 min
Lab File: BN026052.D
Acq: 28 Jun 2023 10:54

Tgt Ion:164 Resp: 11401
Ion Ratio Lower Upper
164 100
162 105.6 85.3 127.9
160 50.2 40.0 60.0

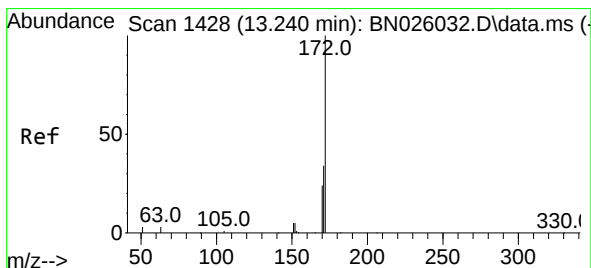
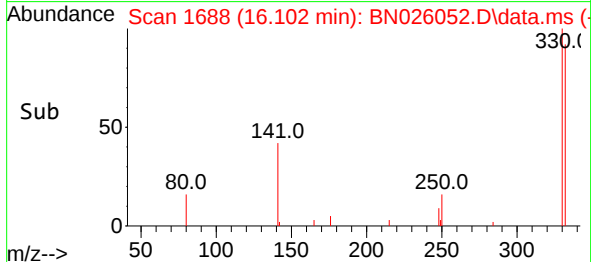
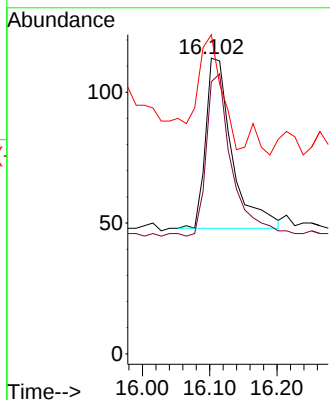
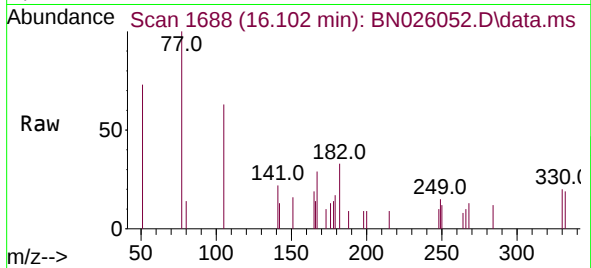




#14
2,4,6-Tribromophenol
Concen: 0.043 ng
RT: 16.102 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BN026052.D
Acq: 28 Jun 2023 10:54

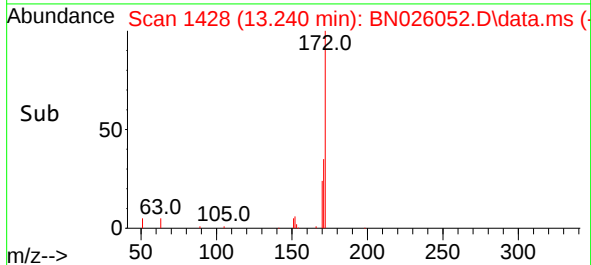
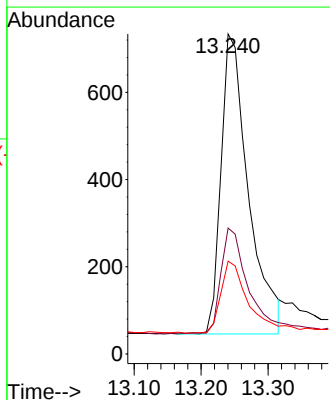
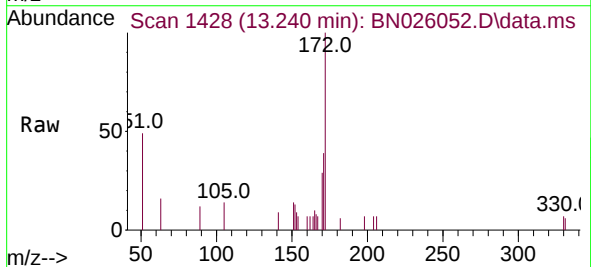
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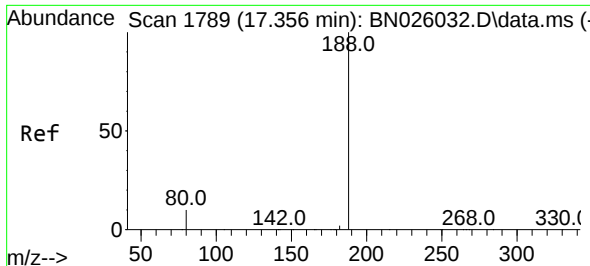
Tgt Ion:330 Resp: 177
Ion Ratio Lower Upper
330 100
332 92.7 76.0 114.0
141 55.9 42.8 64.2



#15
2-Fluorobiphenyl
Concen: 0.044 ng
RT: 13.240 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BN026052.D
Acq: 28 Jun 2023 10:54

Tgt Ion:172 Resp: 1958
Ion Ratio Lower Upper
172 100
171 39.4 27.8 41.8
170 29.0 19.3 28.9#

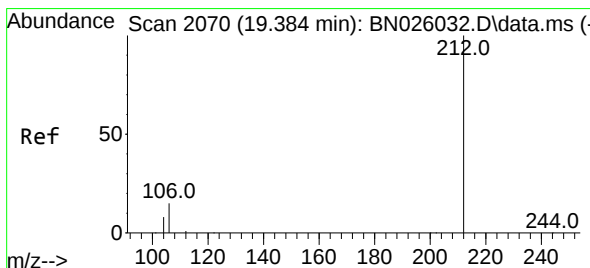
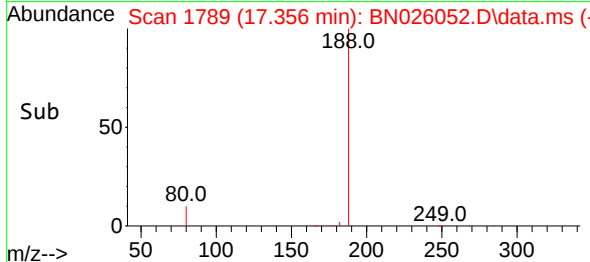
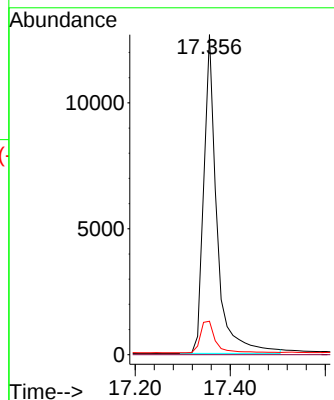
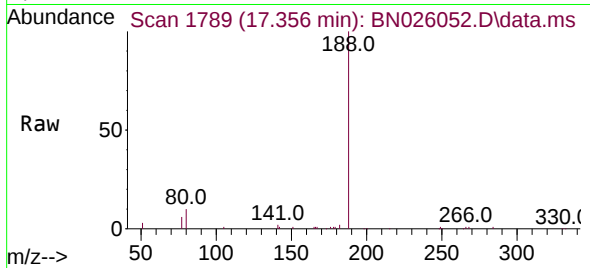




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.356 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BN026052.D
Acq: 28 Jun 2023 10:54

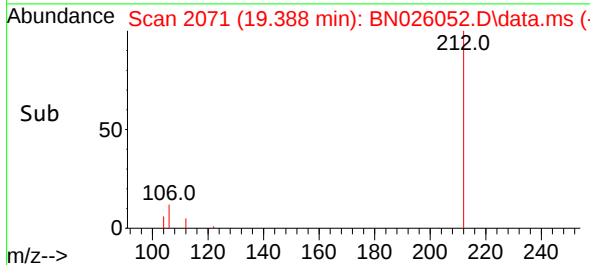
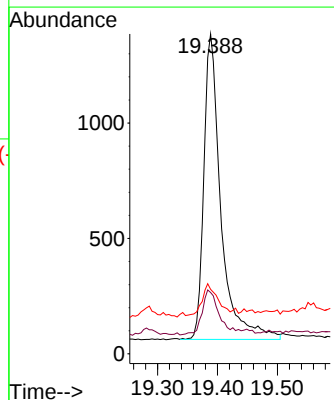
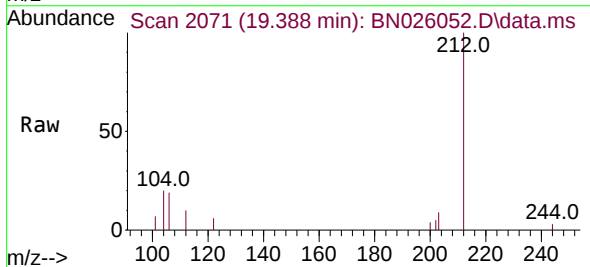
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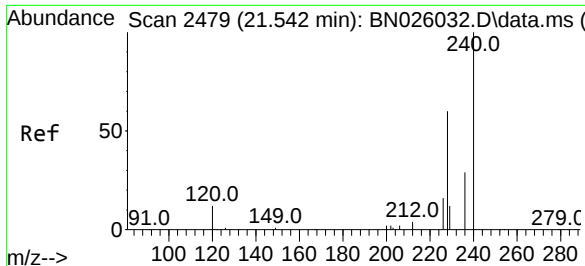
Tgt Ion:188 Resp: 24359
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.5 8.6 13.0



#27
Fluoranthene-d10
Concen: 0.051 ng
RT: 19.388 min Scan# 2071
Delta R.T. 0.005 min
Lab File: BN026052.D
Acq: 28 Jun 2023 10:54

Tgt Ion:212 Resp: 2617
Ion Ratio Lower Upper
212 100
106 14.9 11.6 17.4
104 9.0 7.2 10.8

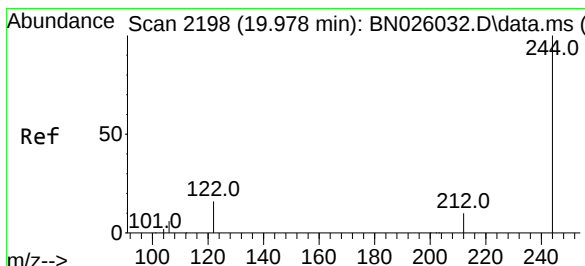
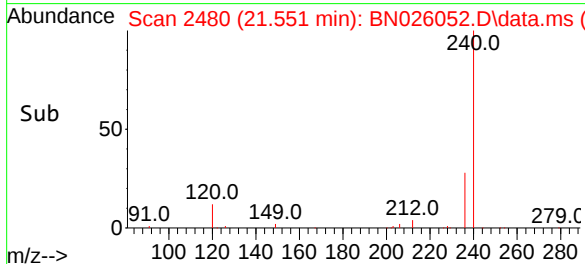
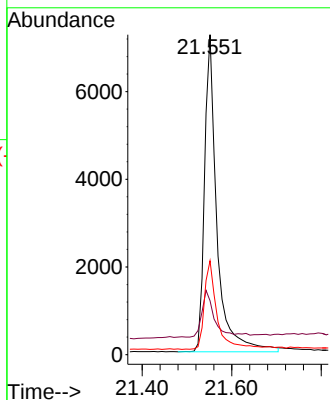
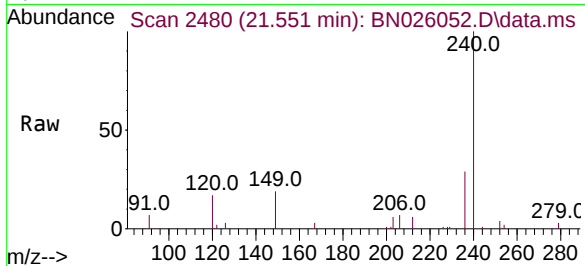




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.551 min Scan# 2480
Delta R.T. 0.009 min
Lab File: BN026052.D
Acq: 28 Jun 2023 10:54

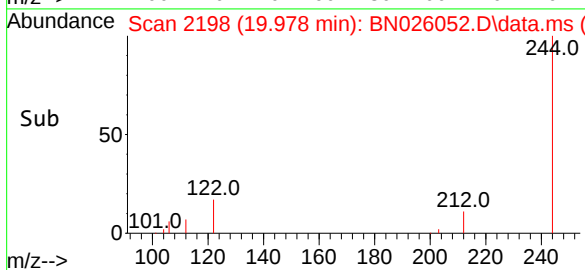
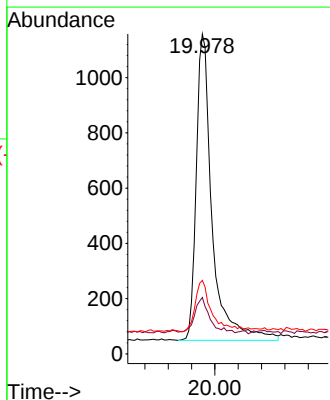
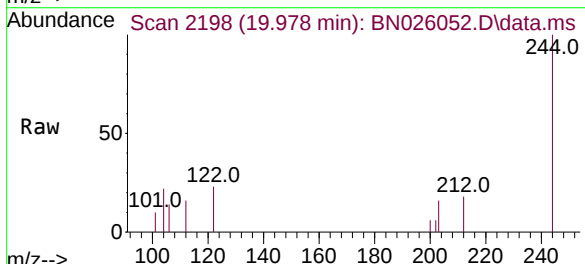
Instrument :
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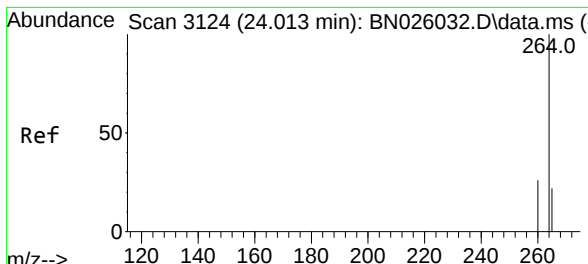
Tgt Ion:240 Resp: 13936
Ion Ratio Lower Upper
240 100
120 16.8 14.6 22.0
236 29.4 24.2 36.2



#31
Terphenyl-d14
Concen: 0.059 ng
RT: 19.978 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BN026052.D
Acq: 28 Jun 2023 10:54

Tgt Ion:244 Resp: 2095
Ion Ratio Lower Upper
244 100
212 17.6 8.7 13.1#
122 23.0 13.7 20.5#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.010 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: BN026052.D
 Acq: 28 Jun 2023 10:54

Instrument :
 BNA_N
 ClientSampleId :
 GWOW-BR-05-390-410-062323DL

Tgt Ion:264 Resp: 13248

Ion	Ratio	Lower	Upper
264	100		
260	26.3	21.9	32.9
265	80.1	80.3	120.5#

