

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070222\
 Data File : BN020610.D
 Acq On : 02 Jul 2022 01:44
 Operator : CG/JU
 Sample : N3457-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D1-20220621

Quant Time: Jul 02 03:13:45 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

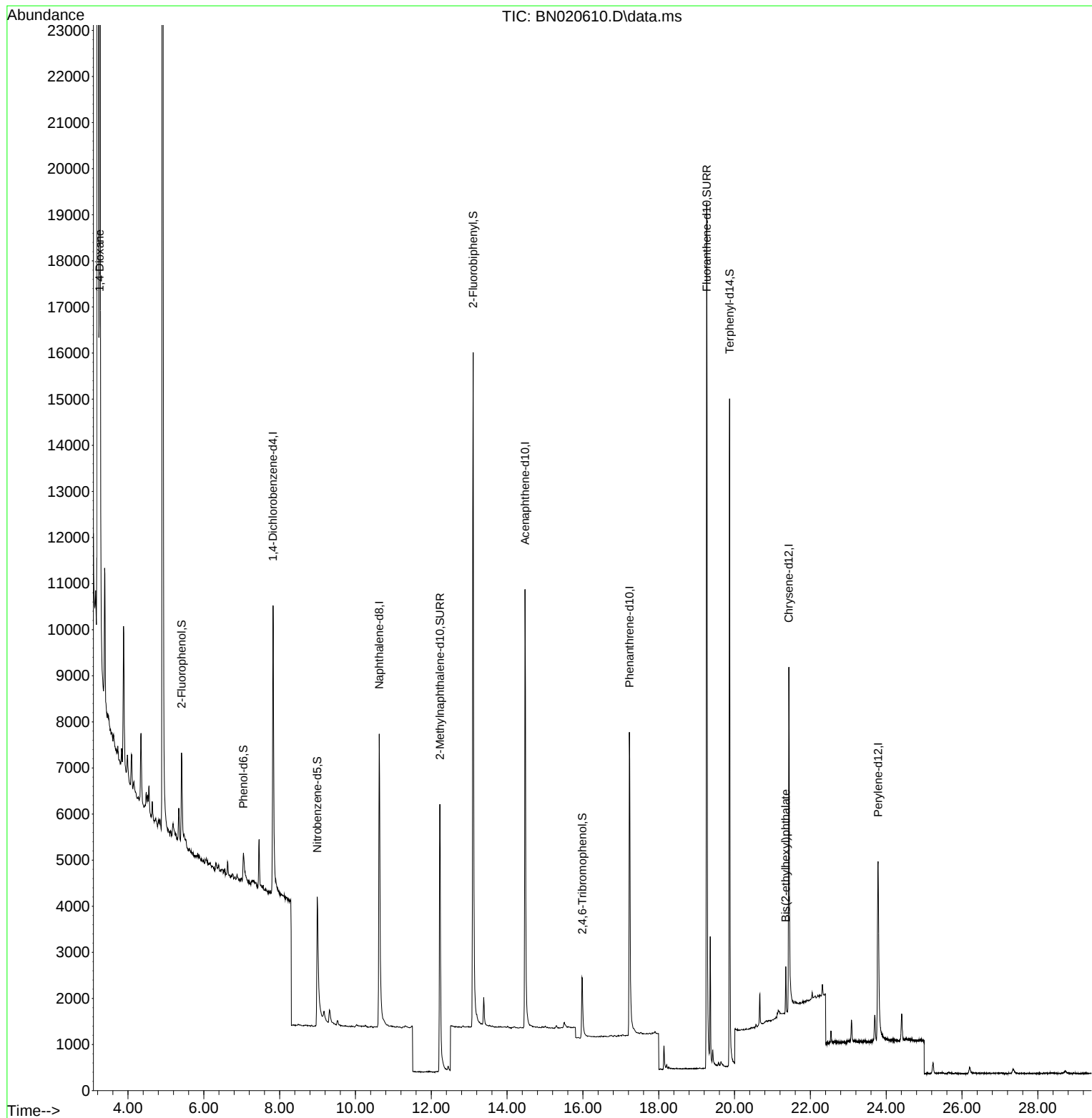
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	3941	0.400	ng	0.00
7) Naphthalene-d8	10.626	136	11322	0.400	ng	# 0.00
13) Acenaphthene-d10	14.474	164	6070	0.400	ng	0.00
19) Phenanthrene-d10	17.225	188	12037	0.400	ng	# 0.00
29) Chrysene-d12	21.431	240	8963	0.400	ng	0.00
35) Perylene-d12	23.787	264	7212	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.413	112	2190	0.200	ng	0.00
5) Phenol-d6	7.045	99	1206	0.092	ng	0.01
8) Nitrobenzene-d5	8.993	82	4140	0.451	ng	0.00
11) 2-Methylnaphthalene-d10	12.227	152	10498	0.541	ng	0.00
14) 2,4,6-Tribromophenol	15.984	330	989	0.432	ng	0.01
15) 2-Fluorobiphenyl	13.105	172	15161	0.605	ng	0.00
27) Fluoranthene-d10	19.265	212	23956	0.670	ng	0.00
31) Terphenyl-d14	19.868	244	17321	0.809	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.254	88	24553	4.753	ng	95
34) Bis(2-ethylhexyl)phtha...	21.351	149	980	0.054	ng	# 96

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

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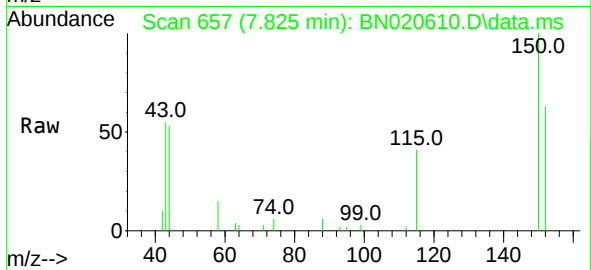
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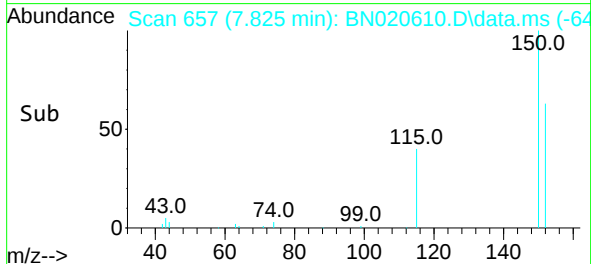
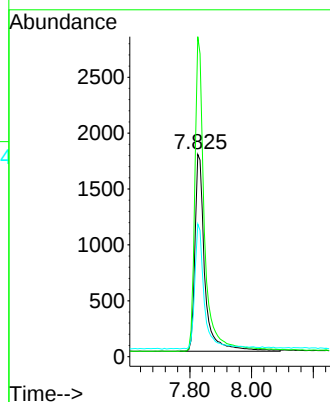


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.825 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN020610.D
 Acq: 02 Jul 2022 01:44

Instrument :
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 ClientSampleId :
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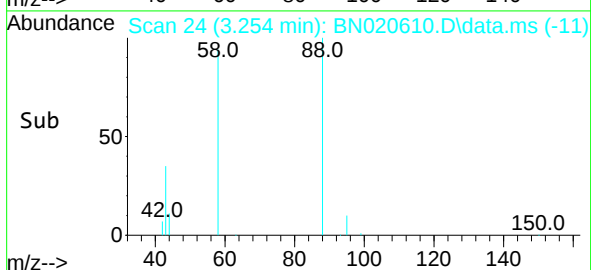
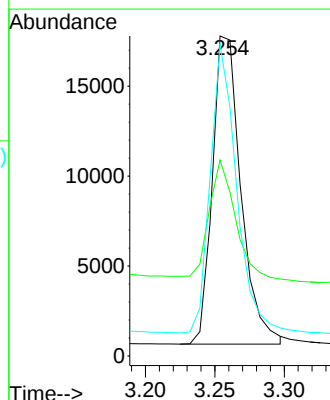
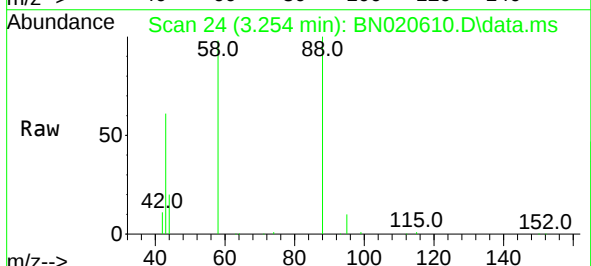


Tgt Ion:152 Resp: 3941
 Ion Ratio Lower Upper
 152 100
 150 158.2 127.9 191.9
 115 65.6 51.4 77.2



#2
 1,4-Dioxane
 Concen: 4.753 ng
 RT: 3.254 min Scan# 24
 Delta R.T. -0.007 min
 Lab File: BN020610.D
 Acq: 02 Jul 2022 01:44

Tgt Ion: 88 Resp: 24553
 Ion Ratio Lower Upper
 88 100
 43 35.6 30.2 45.2
 58 85.7 73.0 109.6

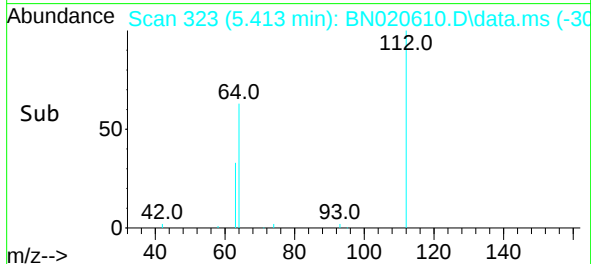
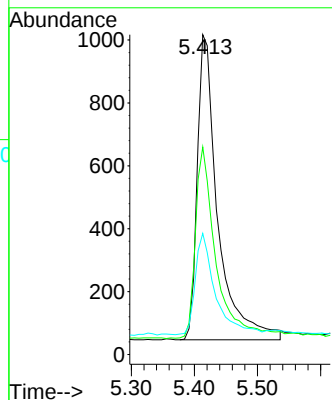
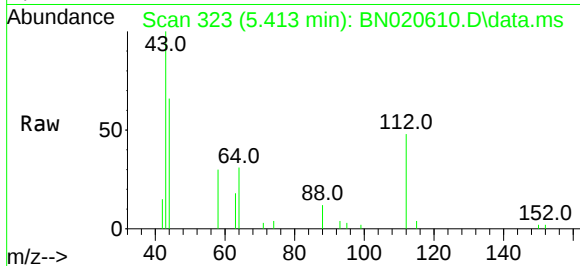




#4
2-Fluorophenol
Concen: 0.200 ng
RT: 5.413 min Scan# 314
Delta R.T. -0.000 min
Lab File: BN020610.D
Acq: 02 Jul 2022 01:44

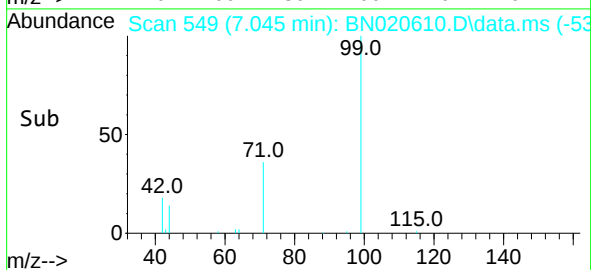
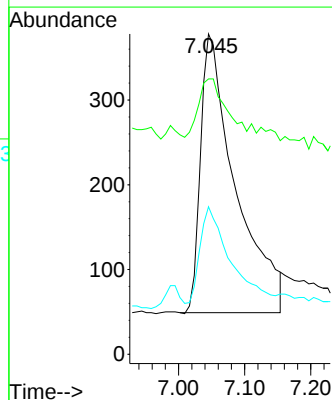
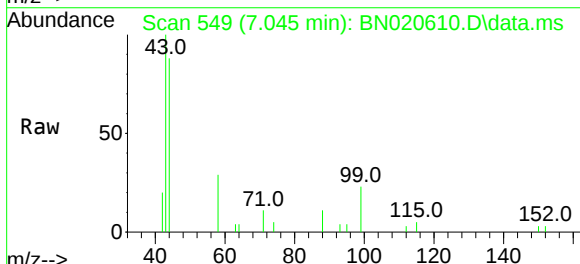
Instrument :
BNA_N
ClientSampleId :
RE125D1-20220621

Tgt Ion:112 Resp: 2190
Ion Ratio Lower Upper
112 100
64 63.0 49.1 73.7
63 32.3 26.3 39.5



#5
Phenol-d6
Concen: 0.092 ng
RT: 7.045 min Scan# 549
Delta R.T. 0.014 min
Lab File: BN020610.D
Acq: 02 Jul 2022 01:44

Tgt Ion: 99 Resp: 1206
Ion Ratio Lower Upper
99 100
42 20.9 19.3 28.9
71 30.8 27.5 41.3

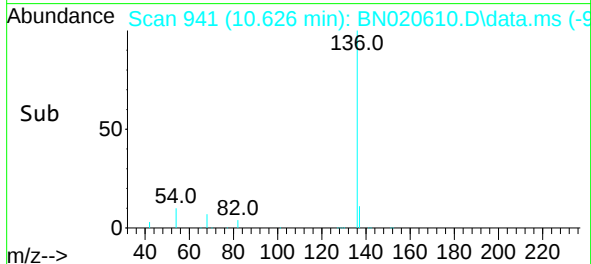
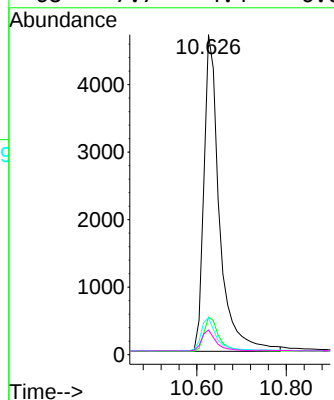
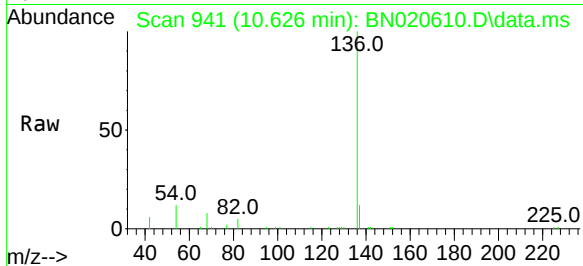




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 941
Delta R.T. -0.000 min
Lab File: BN020610.D
Acq: 02 Jul 2022 01:44

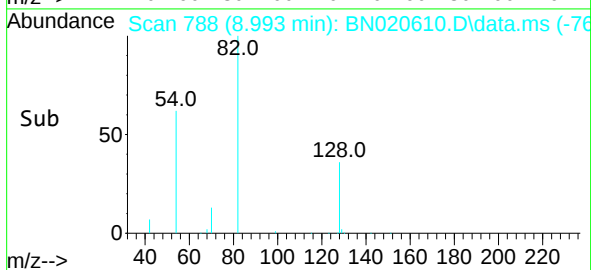
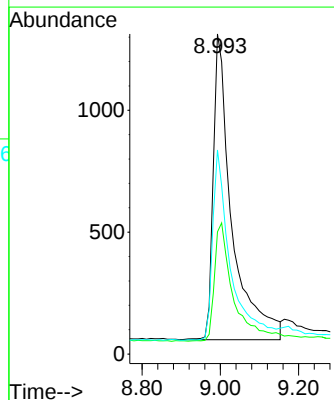
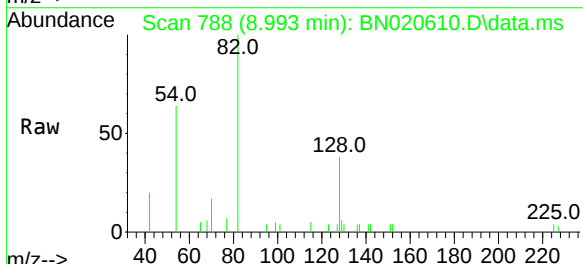
Instrument :
BNA_N
ClientSampleId :
RE125D1-20220621

Tgt Ion:	136	Resp:	11322
Ion Ratio	Lower	Upper	
136	100		
137	11.8	9.0	13.6
54	11.5	6.2	9.2#
68	7.7	4.4	6.6#



#8
Nitrobenzene-d5
Concen: 0.451 ng
RT: 8.993 min Scan# 788
Delta R.T. -0.000 min
Lab File: BN020610.D
Acq: 02 Jul 2022 01:44

Tgt Ion:	82	Resp:	4140
Ion Ratio	Lower	Upper	
82	100		
128	38.2	35.0	52.6
54	63.7	46.2	69.4

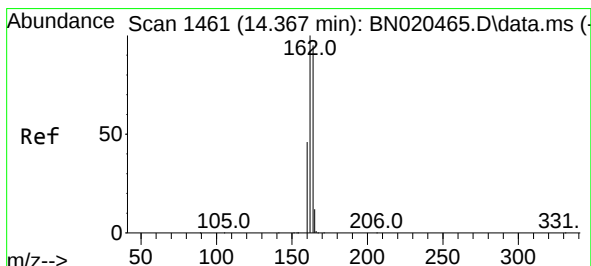
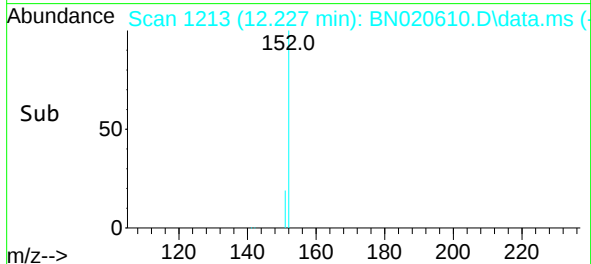
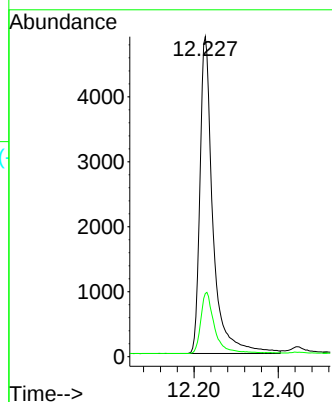
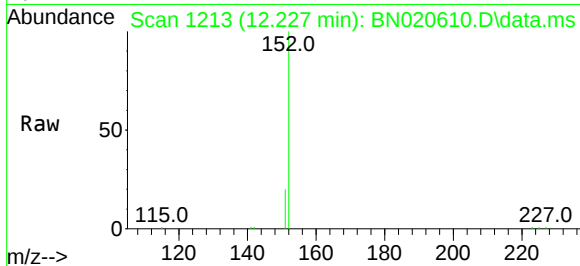




#11
2-Methylnaphthalene-d10
Concen: 0.541 ng
RT: 12.227 min Scan# 1185
Delta R.T. -0.000 min
Lab File: BN020610.D
Acq: 02 Jul 2022 01:44

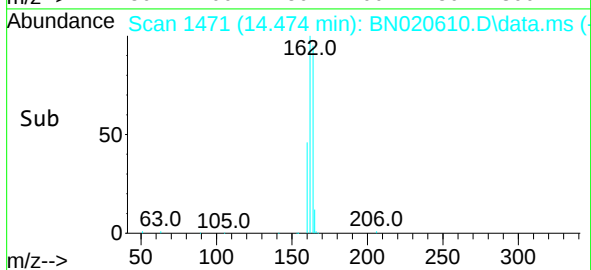
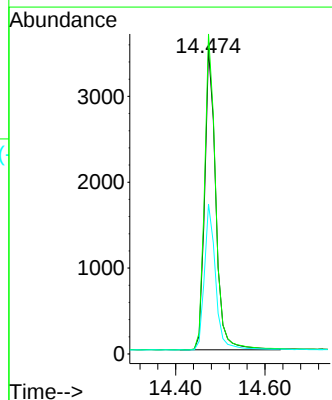
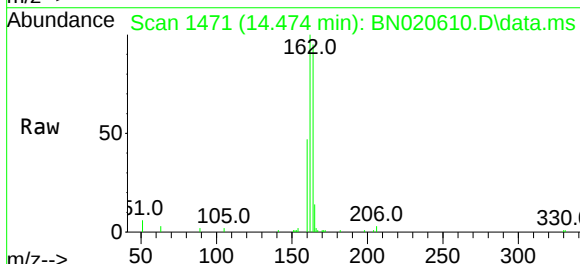
Instrument :
BNA_N
ClientSampleId :
RE125D1-20220621

Tgt Ion:152 Resp: 10498
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# 1471
Delta R.T. -0.000 min
Lab File: BN020610.D
Acq: 02 Jul 2022 01:44

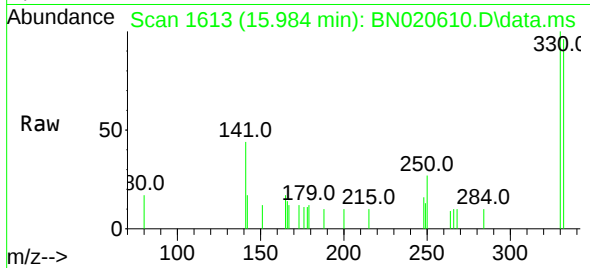
Tgt Ion:164 Resp: 6070
Ion Ratio Lower Upper
164 100
162 105.0 82.1 123.1
160 49.2 38.6 58.0



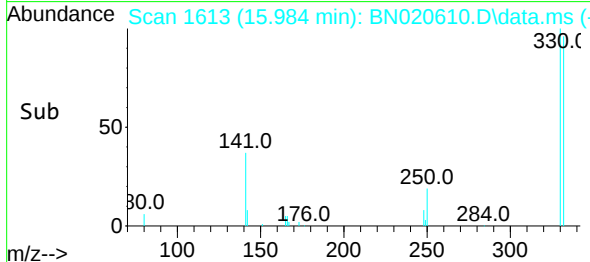
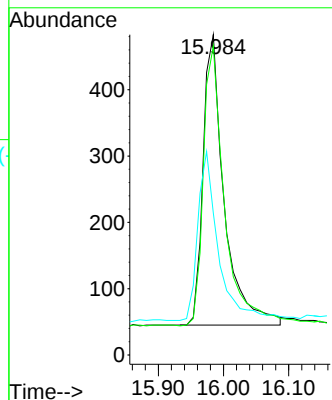


#14
2,4,6-Tribromophenol
Concen: 0.432 ng
RT: 15.984 min Scan# 1
Delta R.T. 0.010 min
Lab File: BN020610.D
Acq: 02 Jul 2022 01:44

Instrument :
BNA_N
ClientSampleId :
RE125D1-20220621

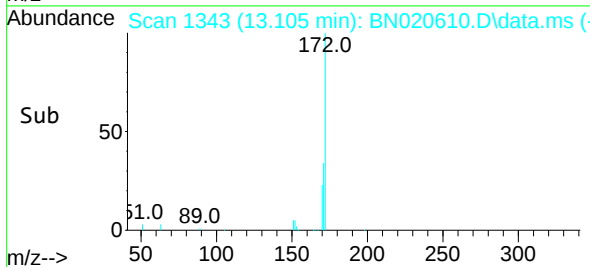
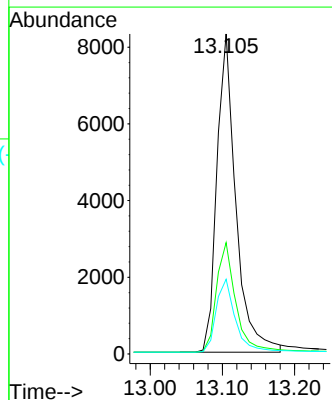
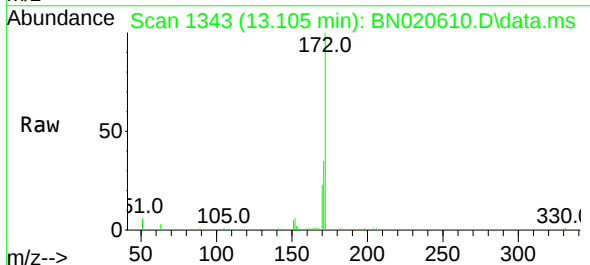


Tgt Ion:330 Resp: 989
Ion Ratio Lower Upper
330 100
332 97.2 77.6 116.4
141 56.4 41.0 61.4



#15
2-Fluorobiphenyl
Concen: 0.605 ng
RT: 13.105 min Scan# 1343
Delta R.T. -0.000 min
Lab File: BN020610.D
Acq: 02 Jul 2022 01:44

Tgt Ion:172 Resp: 15161
Ion Ratio Lower Upper
172 100
171 34.8 27.2 40.8
170 23.4 18.2 27.4

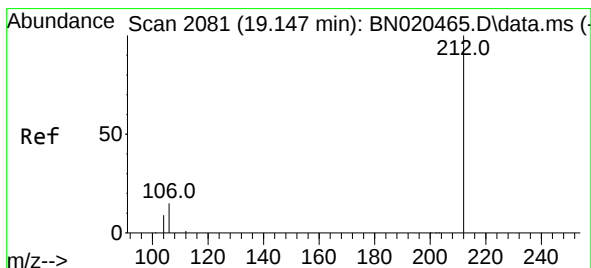
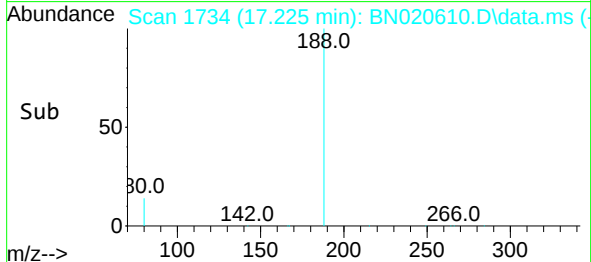
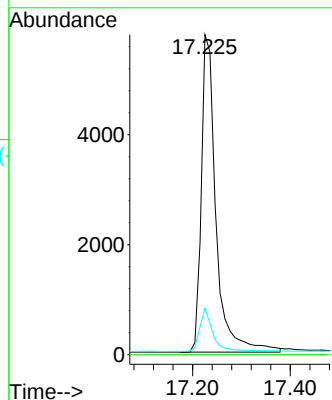
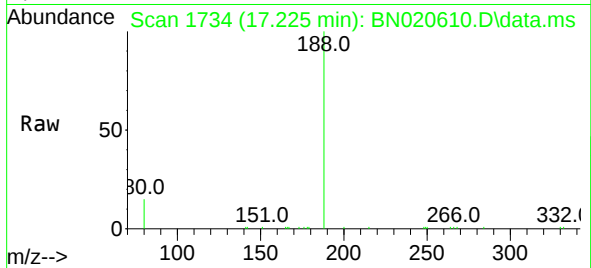




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.225 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN020610.D
Acq: 02 Jul 2022 01:44

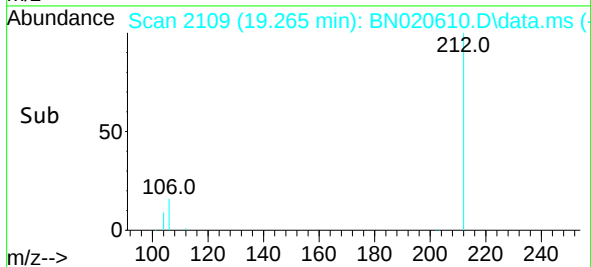
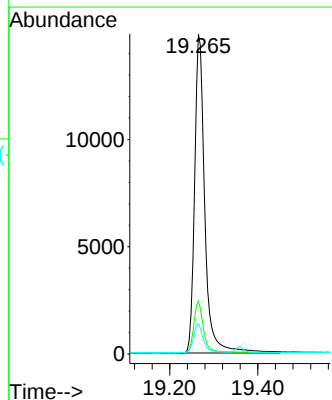
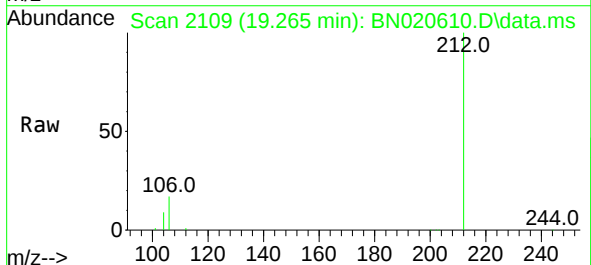
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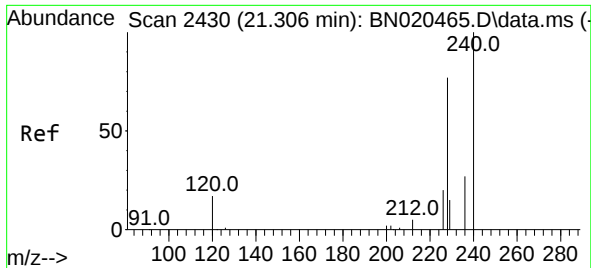
Tgt Ion:188 Resp: 12037
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.5 7.4 11.2#



#27
Fluoranthene-d10
Concen: 0.670 ng
RT: 19.265 min Scan# 2109
Delta R.T. -0.004 min
Lab File: BN020610.D
Acq: 02 Jul 2022 01:44

Tgt Ion:212 Resp: 23956
Ion Ratio Lower Upper
212 100
106 15.5 12.6 19.0
104 8.8 7.2 10.8

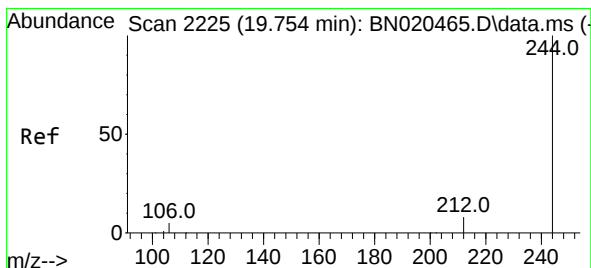
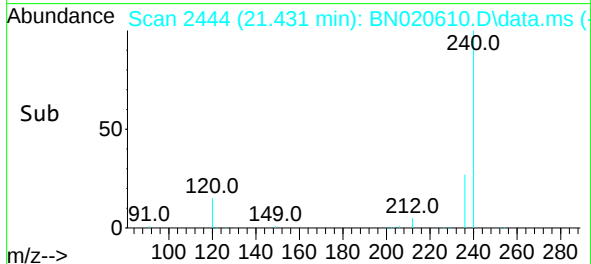
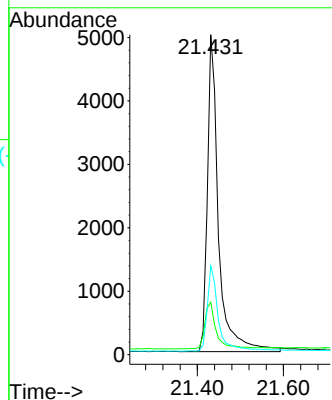
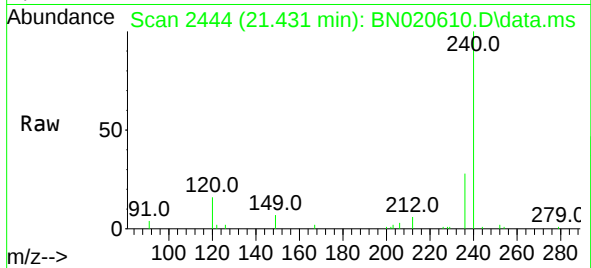




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.431 min Scan# 2444
Delta R.T. -0.000 min
Lab File: BN020610.D
Acq: 02 Jul 2022 01:44

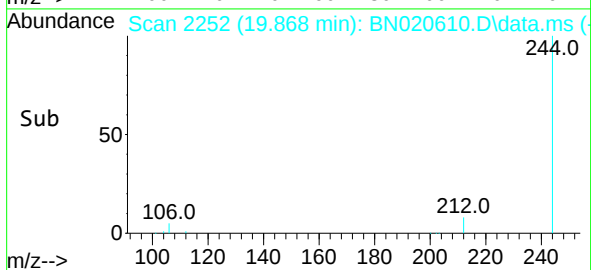
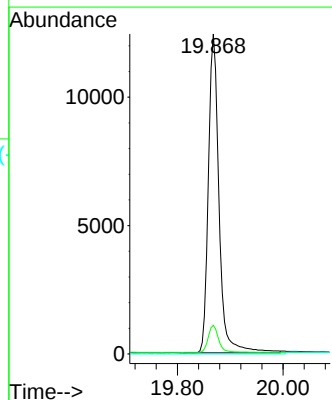
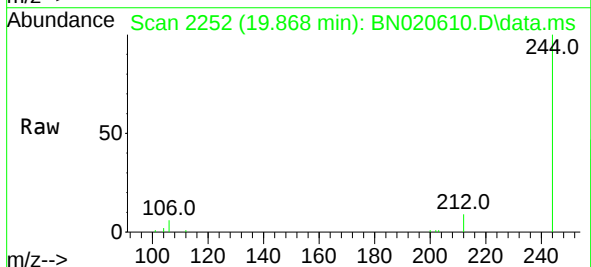
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Tgt Ion:240 Resp: 8963
Ion Ratio Lower Upper
240 100
120 16.4 14.6 21.8
236 27.8 22.6 33.8



#31
Terphenyl-d14
Concen: 0.809 ng
RT: 19.868 min Scan# 2252
Delta R.T. -0.004 min
Lab File: BN020610.D
Acq: 02 Jul 2022 01:44

Tgt Ion:244 Resp: 17321
Ion Ratio Lower Upper
244 100
212 9.0 7.1 10.7
122 0.0 0.0 0.0

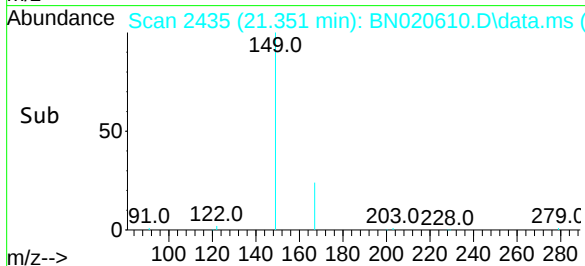
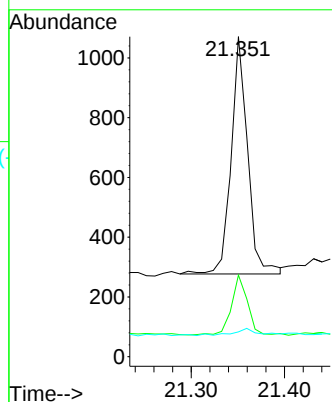
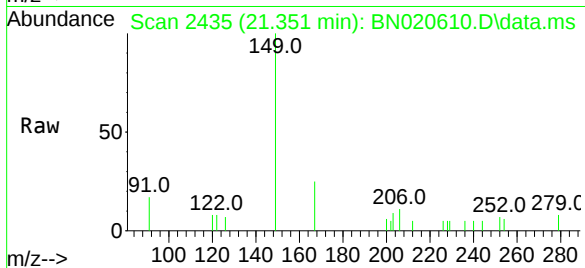




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.054 ng
 RT: 21.351 min Scan# 24
 Delta R.T. -0.000 min
 Lab File: BN020610.D
 Acq: 02 Jul 2022 01:44

Instrument :
 BNA_N
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 RE125D1-20220621

Tgt Ion:149 Resp: 980
 Ion Ratio Lower Upper
 149 100
 167 25.0 21.7 32.5
 279 3.7 2.2 3.2#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.787 min Scan# 3025
 Delta R.T. -0.003 min
 Lab File: BN020610.D
 Acq: 02 Jul 2022 01:44

Tgt Ion:264 Resp: 7212
 Ion Ratio Lower Upper
 264 100
 260 26.4 20.9 31.3
 265 38.3 28.0 42.0

