

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032123\
 Data File : BN024462.D
 Acq On : 22 Mar 2023 00:58
 Operator : CG/JU
 Sample : 01903-16
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE131D1-20230312

Quant Time: Mar 22 04:17:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 22 04:14:21 2023
 Response via : Initial Calibration

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

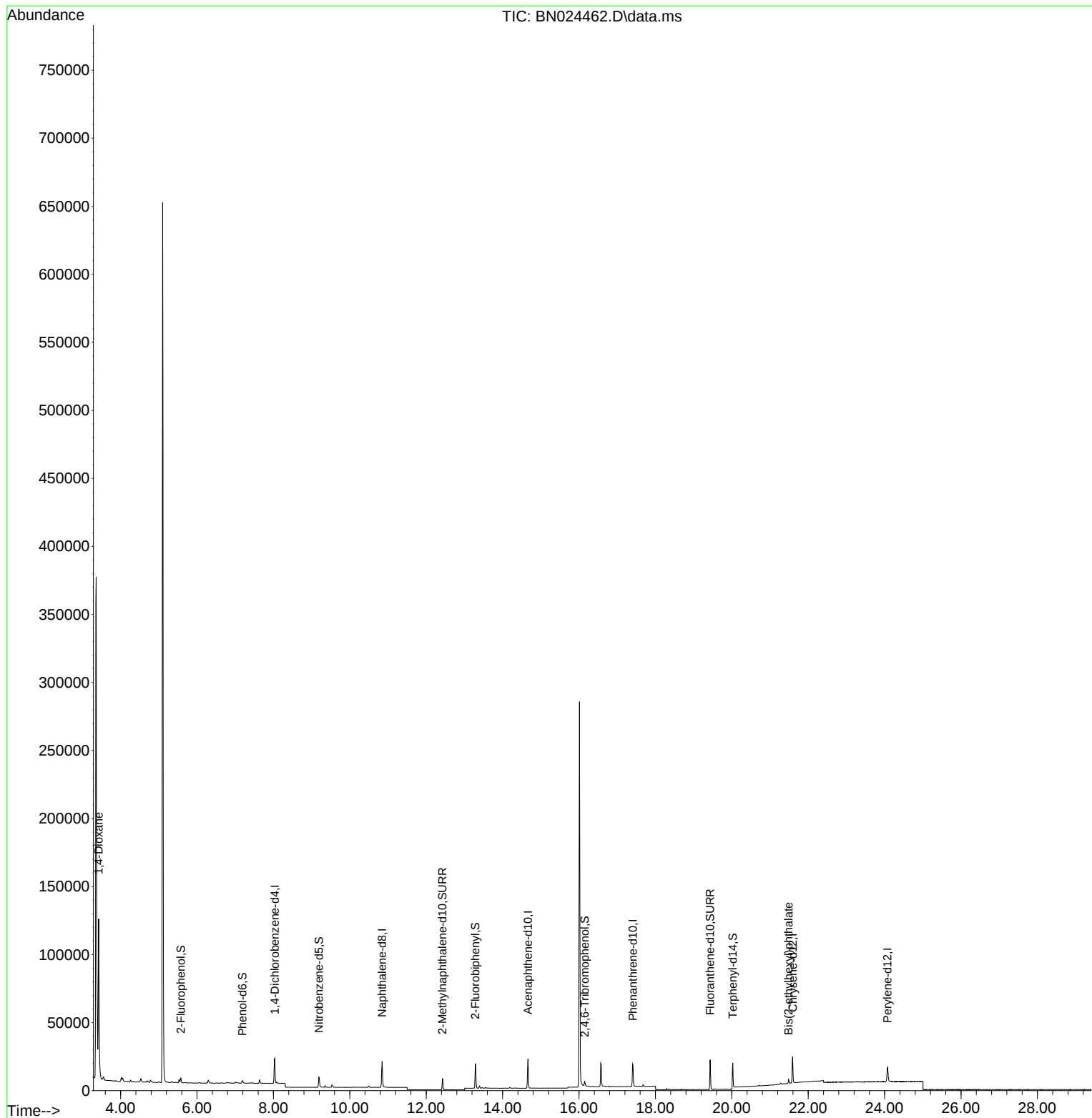
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.033	152	8466	0.400	ng	0.00
7) Naphthalene-d8	10.845	136	24374	0.400	ng	0.00
13) Acenaphthene-d10	14.665	164	12292	0.400	ng	0.00
19) Phenanthrene-d10	17.413	188	25578	0.400	ng	0.00
29) Chrysene-d12	21.592	240	18782	0.400	ng	0.00
35) Perylene-d12	24.076	264	16093	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.577	112	2936	0.157	ng	0.00
5) Phenol-d6	7.188	99	1943	0.081	ng	0.00
8) Nitrobenzene-d5	9.190	82	6680	0.410	ng	0.00
11) 2-Methylnaphthalene-d10	12.425	152	11015	0.368	ng	0.00
14) 2,4,6-Tribromophenol	16.147	330	2061	0.328	ng	0.00
15) 2-Fluorobiphenyl	13.285	172	16730	0.360	ng	-0.01
27) Fluoranthene-d10	19.433	212	22942	0.423	ng	0.00
31) Terphenyl-d14	20.025	244	13400	0.423	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.425	88	71331	7.743	ng	99
34) Bis(2-ethylhexyl)phtha...	21.484	149	3446	0.117	ng	# 95

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

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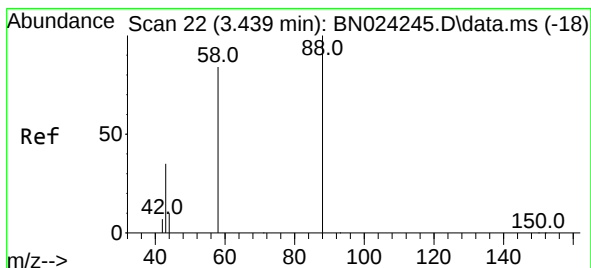
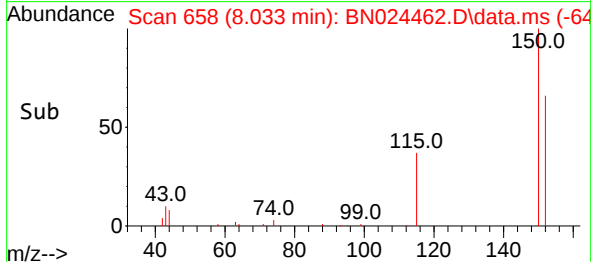
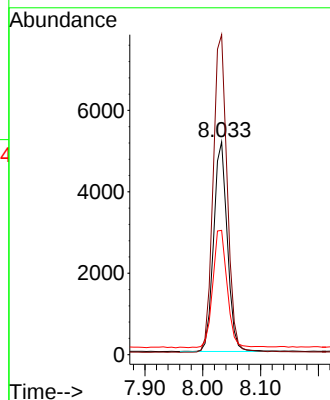
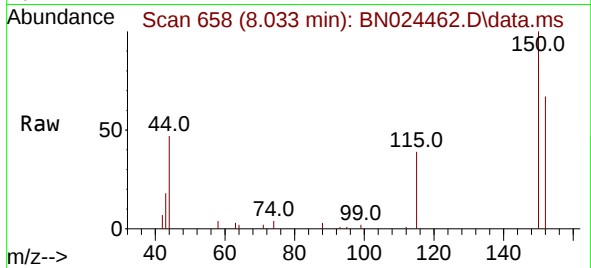




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.033 min Scan# 6
 Delta R.T. -0.000 min
 Lab File: BN024462.D
 Acq: 22 Mar 2023 00:58

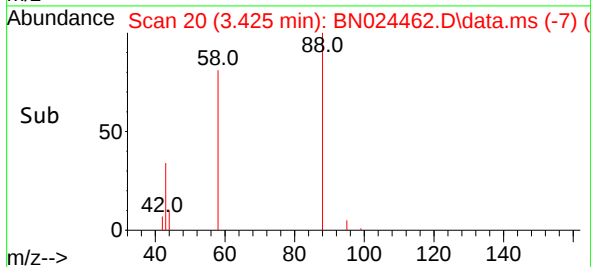
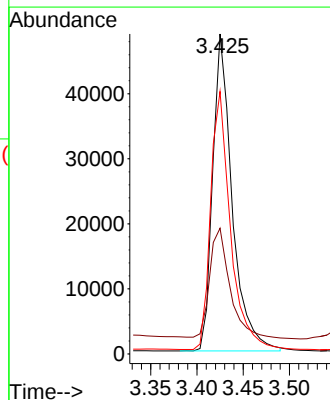
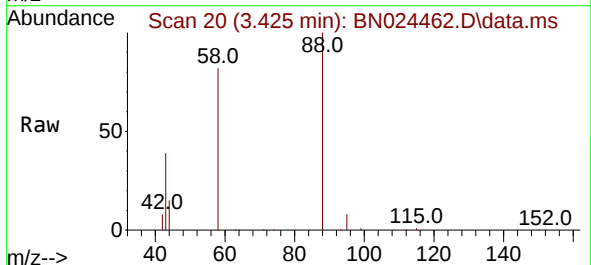
Instrument :
 BNA_N
 ClientSampleId :
 RE131D1-20230312

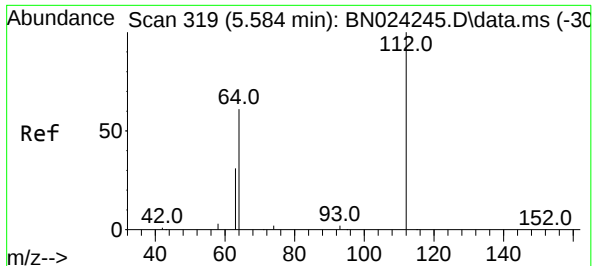
Tgt Ion:152 Resp: 8466
 Ion Ratio Lower Upper
 152 100
 150 150.3 124.7 187.1
 115 58.4 49.1 73.7



#2
 1,4-Dioxane
 Concen: 7.743 ng
 RT: 3.425 min Scan# 20
 Delta R.T. -0.007 min
 Lab File: BN024462.D
 Acq: 22 Mar 2023 00:58

Tgt Ion: 88 Resp: 71331
 Ion Ratio Lower Upper
 88 100
 43 35.9 29.0 43.4
 58 82.7 67.3 100.9

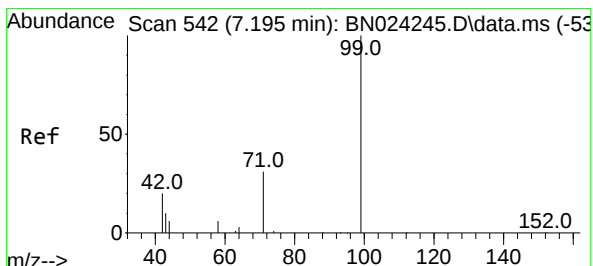
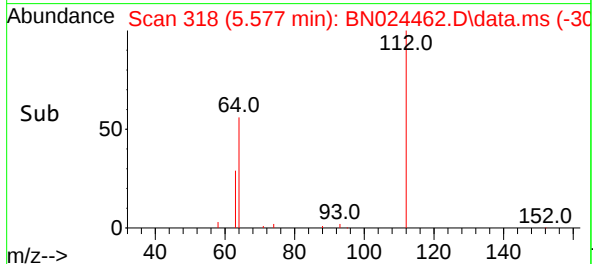
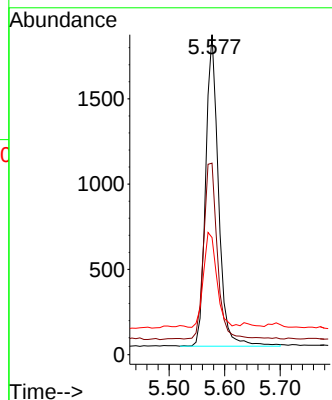
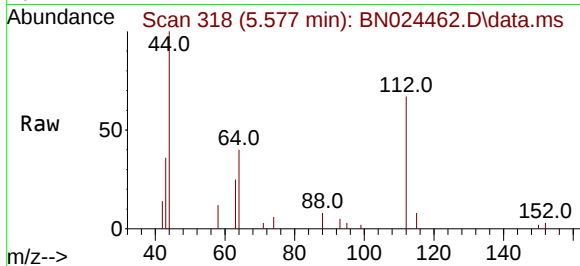




#4
2-Fluorophenol
Concen: 0.157 ng
RT: 5.577 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN024462.D
Acq: 22 Mar 2023 00:58

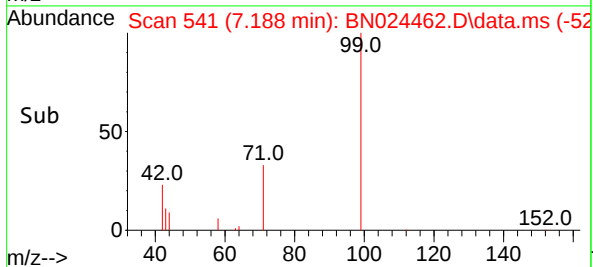
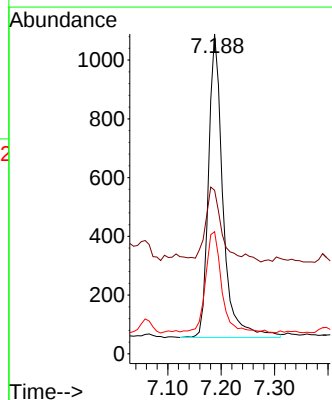
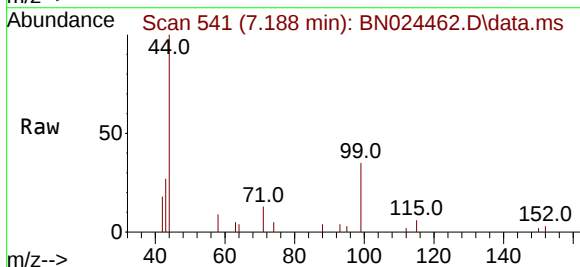
Instrument :
BNA_N
ClientSampleId :
RE131D1-20230312

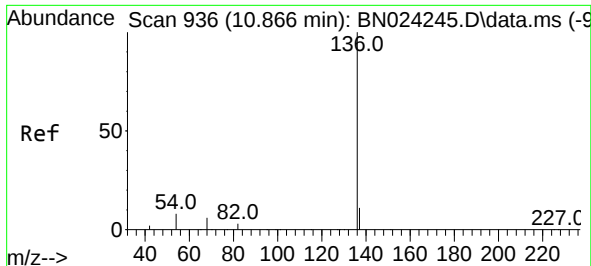
Tgt Ion:112 Resp: 2936
Ion Ratio Lower Upper
112 100
64 60.3 49.0 73.6
63 31.4 25.7 38.5



#5
Phenol-d6
Concen: 0.081 ng
RT: 7.188 min Scan# 541
Delta R.T. -0.000 min
Lab File: BN024462.D
Acq: 22 Mar 2023 00:58

Tgt Ion: 99 Resp: 1943
Ion Ratio Lower Upper
99 100
42 22.9 20.1 30.1
71 37.6 25.8 38.8

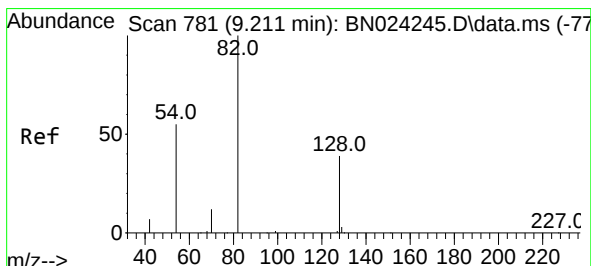
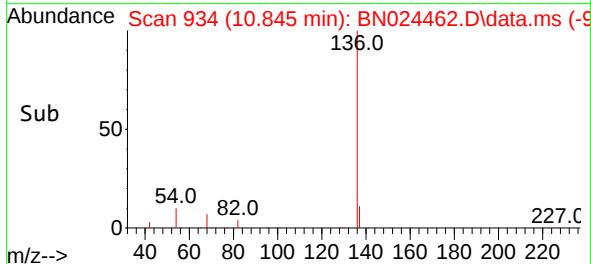
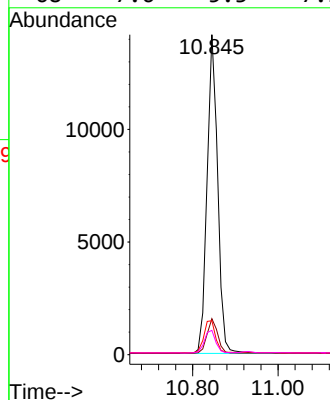
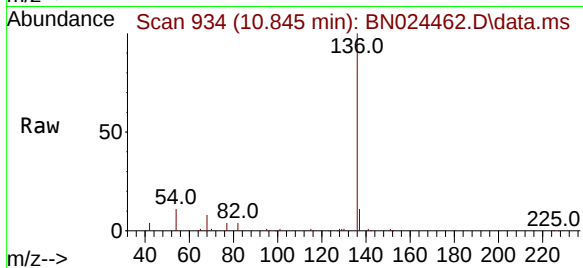




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.845 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN024462.D
Acq: 22 Mar 2023 00:58

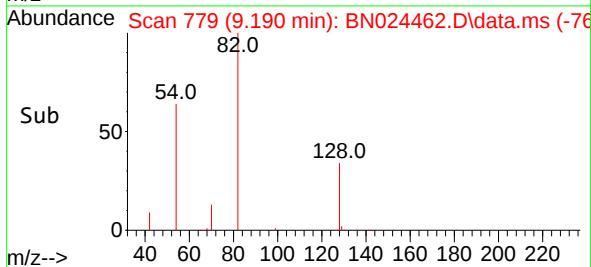
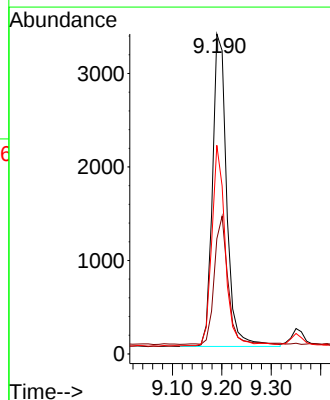
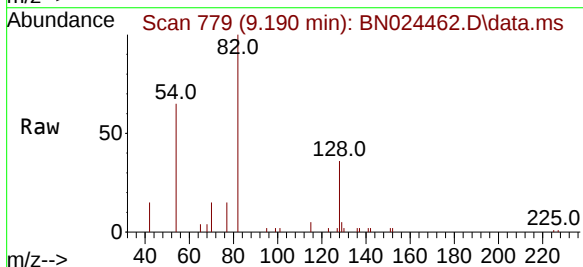
Instrument :
BNA_N
ClientSampleId :
RE131D1-20230312

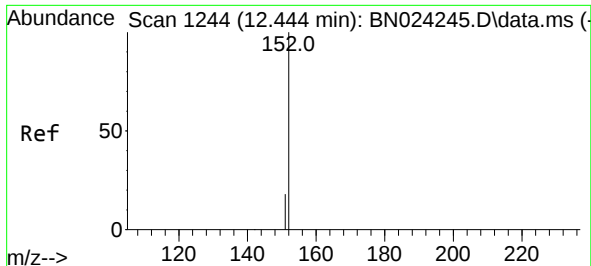
Tgt Ion:136	Resp:	24374
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.9 13.3
54	10.6	7.1 10.7
68	7.6	5.3 7.9



#8
Nitrobenzene-d5
Concen: 0.410 ng
RT: 9.190 min Scan# 779
Delta R.T. -0.000 min
Lab File: BN024462.D
Acq: 22 Mar 2023 00:58

Tgt Ion: 82	Resp:	6680
Ion Ratio	Lower	Upper
82	100	
128	36.0	32.4 48.6
54	65.2	45.2 67.8

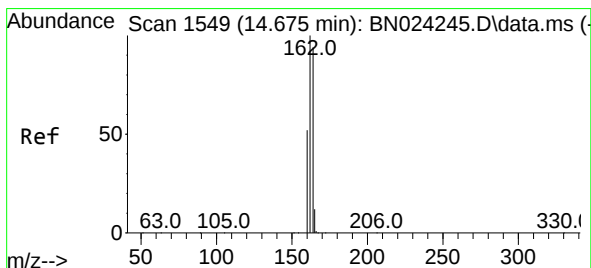
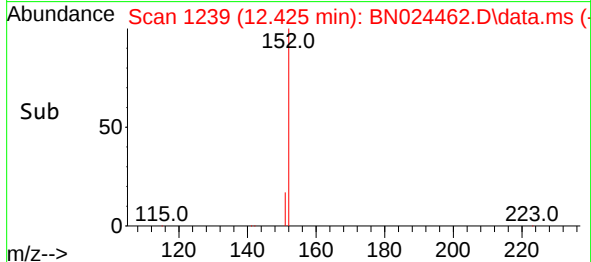
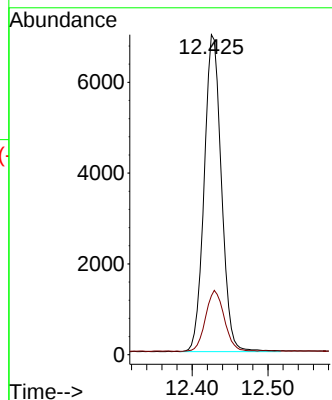
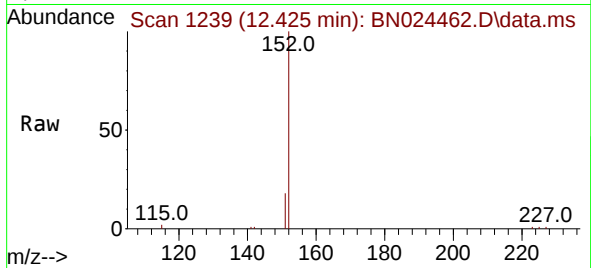




#11
2-Methylnaphthalene-d10
Concen: 0.368 ng
RT: 12.425 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN024462.D
Acq: 22 Mar 2023 00:58

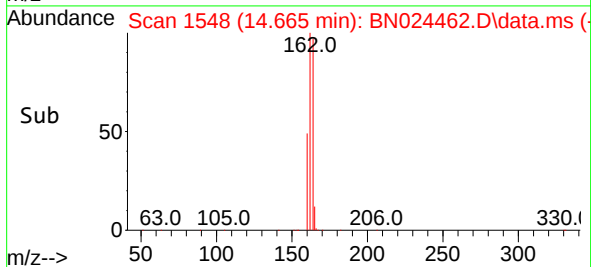
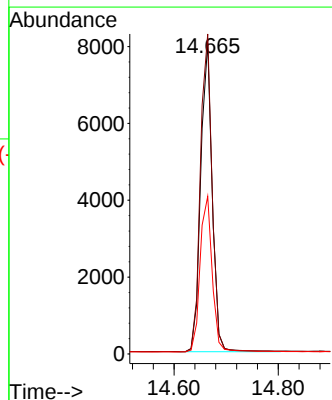
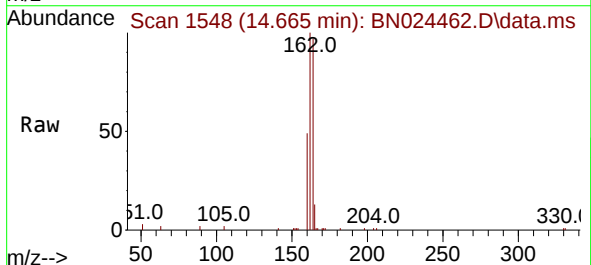
Instrument :
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ClientSampleId :
RE131D1-20230312

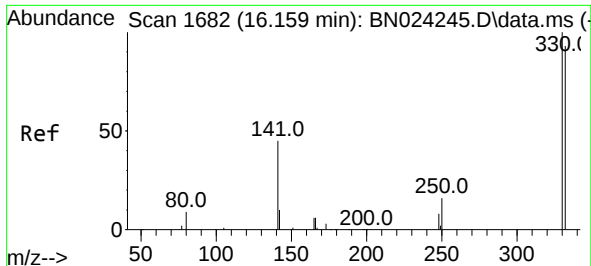
Tgt Ion:152 Resp: 11015
Ion Ratio Lower Upper
152 100
151 20.8 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.665 min Scan# 1548
Delta R.T. -0.000 min
Lab File: BN024462.D
Acq: 22 Mar 2023 00:58

Tgt Ion:164 Resp: 12292
Ion Ratio Lower Upper
164 100
162 102.9 84.7 127.1
160 50.7 44.6 66.8

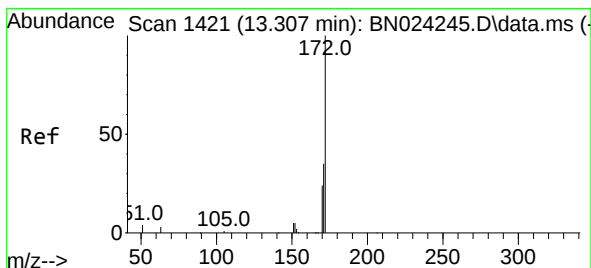
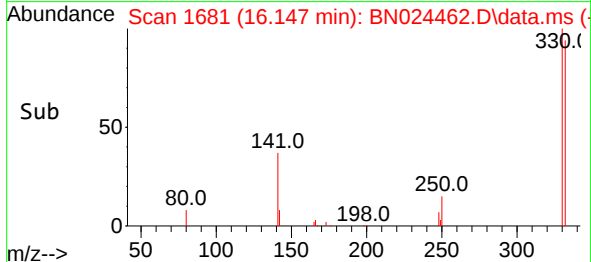
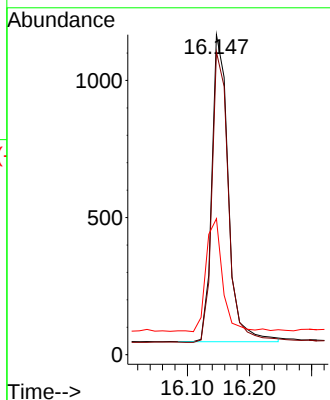
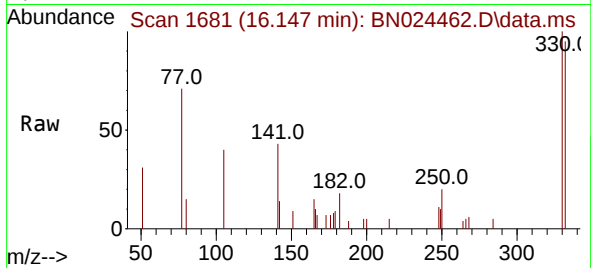




#14
2,4,6-Tribromophenol
Concen: 0.328 ng
RT: 16.147 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN024462.D
Acq: 22 Mar 2023 00:58

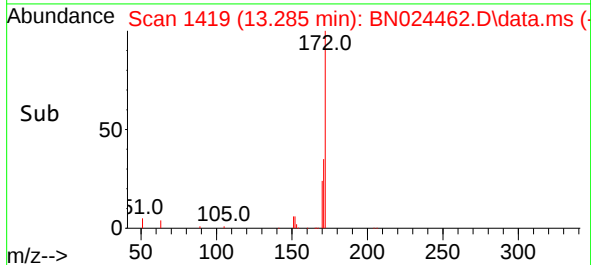
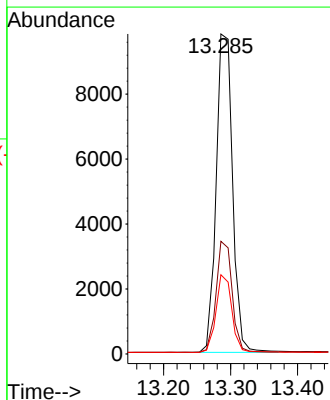
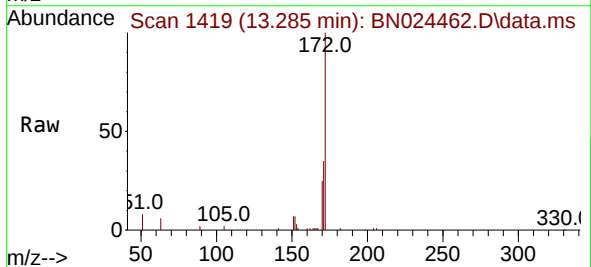
Instrument :
BNA_N
ClientSampleId :
RE131D1-20230312

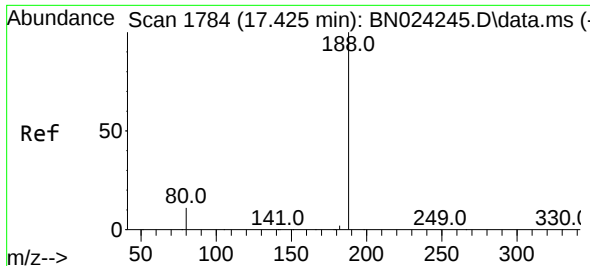
Tgt Ion: 330 Resp: 2061
Ion Ratio Lower Upper
330 100
332 95.3 78.0 117.0
141 36.1 30.8 46.2



#15
2-Fluorobiphenyl
Concen: 0.360 ng
RT: 13.285 min Scan# 1419
Delta R.T. -0.011 min
Lab File: BN024462.D
Acq: 22 Mar 2023 00:58

Tgt Ion: 172 Resp: 16730
Ion Ratio Lower Upper
172 100
171 35.2 27.8 41.8
170 24.7 19.0 28.6

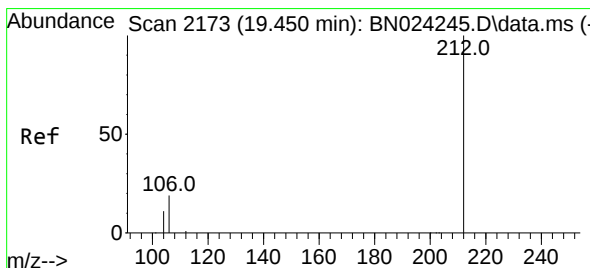
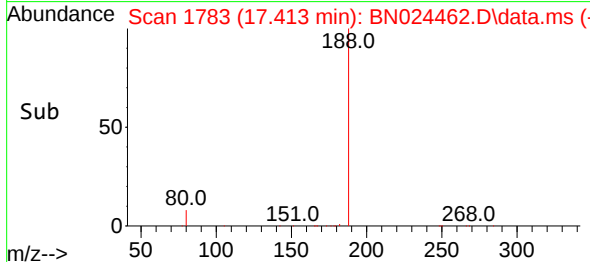
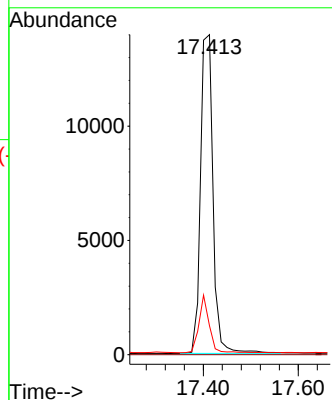
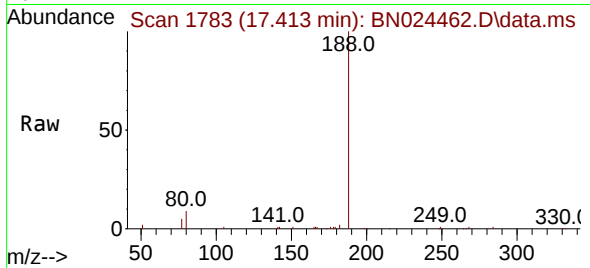




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.413 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN024462.D
Acq: 22 Mar 2023 00:58

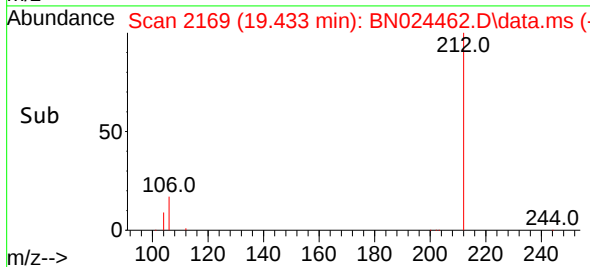
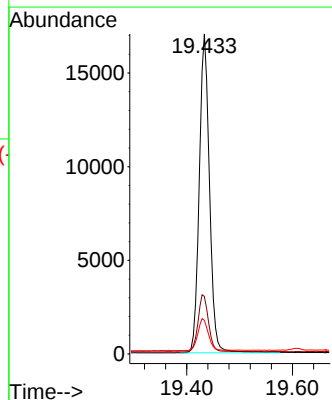
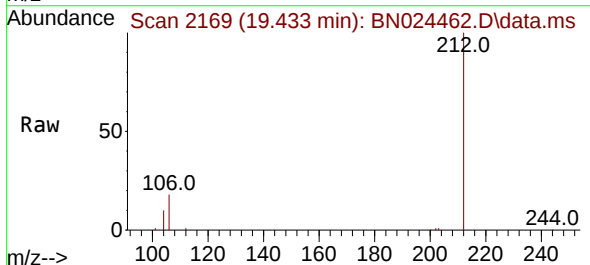
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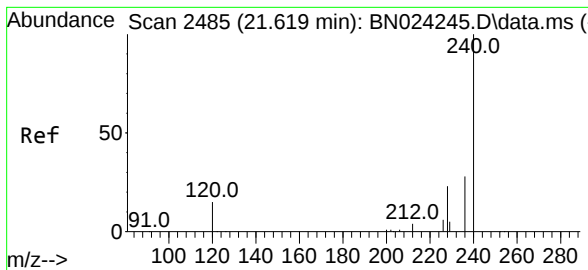
Tgt Ion:188 Resp: 25578
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.1 8.9 13.3



#27
Fluoranthene-d10
Concen: 0.423 ng
RT: 19.433 min Scan# 2169
Delta R.T. -0.004 min
Lab File: BN024462.D
Acq: 22 Mar 2023 00:58

Tgt Ion:212 Resp: 22942
Ion Ratio Lower Upper
212 100
106 18.3 15.4 23.2
104 10.3 8.6 13.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.592 min Scan# 2482

Delta R.T. -0.000 min

Lab File: BN024462.D

Acq: 22 Mar 2023 00:58

Instrument :

BNA_N

ClientSampleId :

RE131D1-20230312

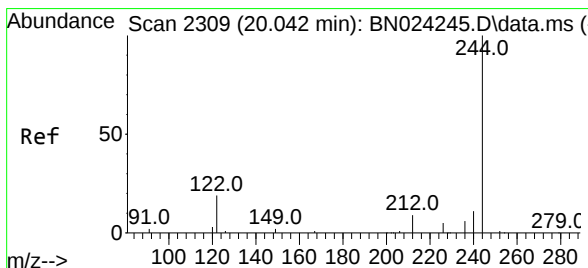
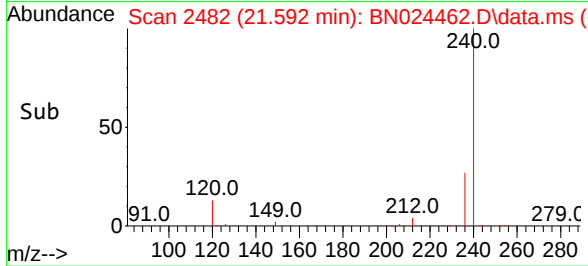
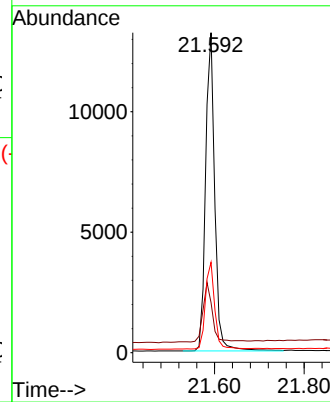
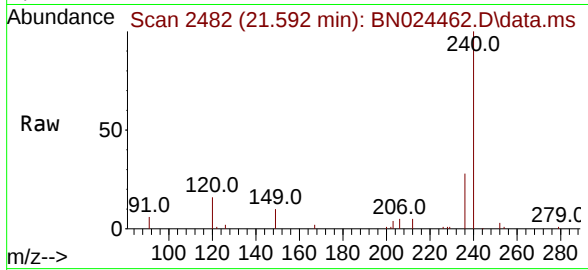
Tgt Ion:240 Resp: 18782

Ion Ratio Lower Upper

240 100

120 15.7 12.8 19.2

236 28.2 22.5 33.7



#31

Terphenyl-d14

Concen: 0.423 ng

RT: 20.025 min Scan# 2307

Delta R.T. -0.000 min

Lab File: BN024462.D

Acq: 22 Mar 2023 00:58

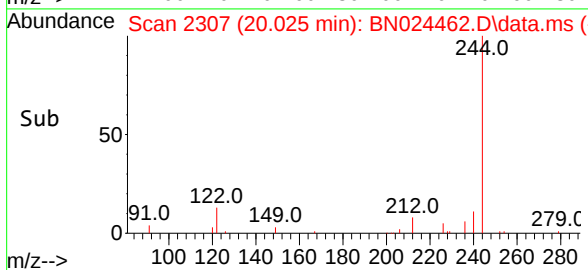
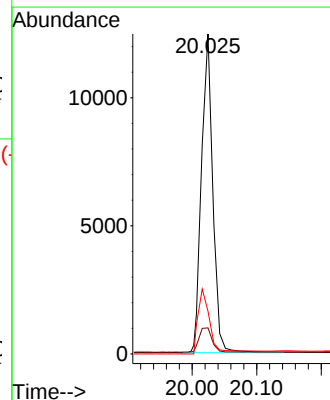
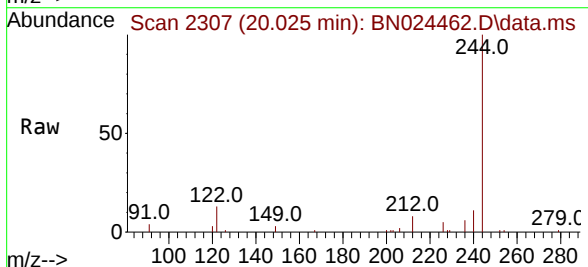
Tgt Ion:244 Resp: 13400

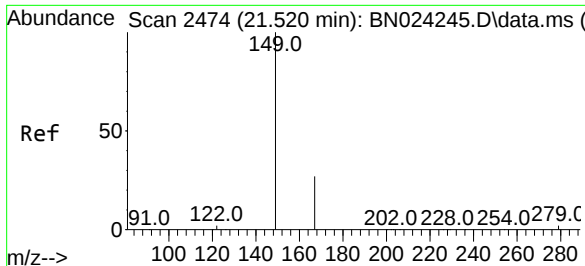
Ion Ratio Lower Upper

244 100

212 8.2 7.6 11.4

122 13.4 15.1 22.7#

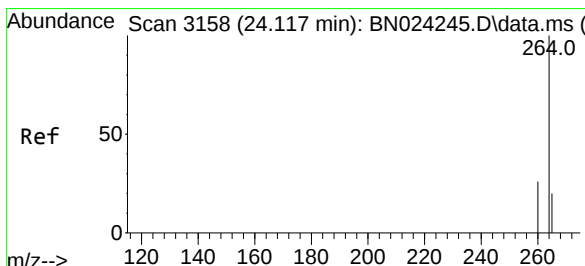
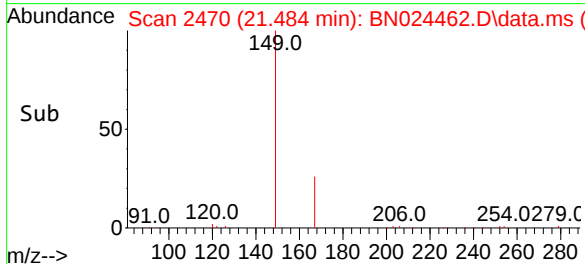
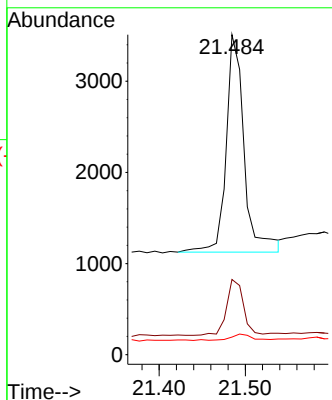
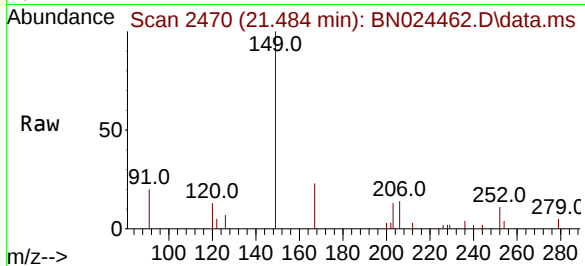




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.117 ng
 RT: 21.484 min Scan# 2470
 Delta R.T. -0.009 min
 Lab File: BN024462.D
 Acq: 22 Mar 2023 00:58

Instrument :
 BNA_N
 ClientSampleId :
 RE131D1-20230312

Tgt Ion:149 Resp: 3446
 Ion Ratio Lower Upper
 149 100
 167 23.9 21.2 31.8
 279 3.7 1.8 2.8#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.076 min Scan# 3144
 Delta R.T. -0.003 min
 Lab File: BN024462.D
 Acq: 22 Mar 2023 00:58

Tgt Ion:264 Resp: 16093
 Ion Ratio Lower Upper
 264 100
 260 27.3 21.4 32.2
 265 77.1 35.7 53.5#

