

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102622\
 Data File : BN022331.D
 Acq On : 26 Oct 2022 11:28
 Operator : CG/JU
 Sample : PB148565BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB148565BL

Quant Time: Oct 27 05:57:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 27 05:55:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	5764	0.400	ng	0.00
7) Naphthalene-d8	10.773	136	17956	0.400	ng	0.00
13) Acenaphthene-d10	14.621	164	9546	0.400	ng	0.01
19) Phenanthrene-d10	17.375	188	17293	0.400	ng	# 0.00
29) Chrysene-d12	21.573	240	10766	0.400	ng	# 0.00
35) Perylene-d12	24.037	264	9738	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.479	112	6234	0.467	ng	0.00
5) Phenol-d6	7.112	99	7546	0.436	ng	0.00
8) Nitrobenzene-d5	9.129	82	5625	0.390	ng	0.01
11) 2-Methylnaphthalene-d10	12.368	152	11024	0.334	ng	0.00
14) 2,4,6-Tribromophenol	16.121	330	1130	0.310	ng	0.00
15) 2-Fluorobiphenyl	13.242	172	15625	0.375	ng	0.00
27) Fluoranthene-d10	19.411	212	15127	0.329	ng	0.00
31) Terphenyl-d14	20.006	244	10981	0.507	ng	0.00

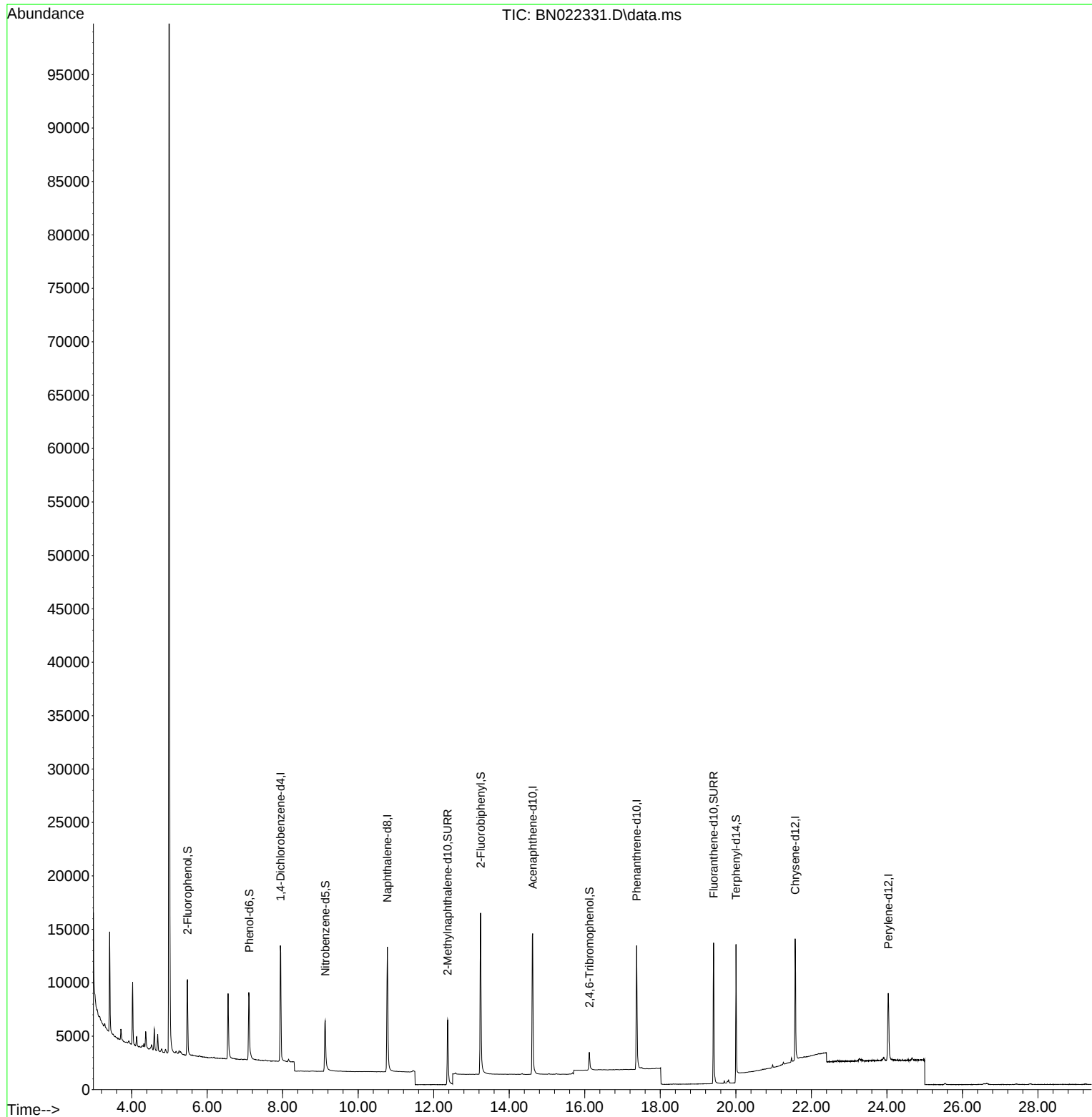
Target Compounds Qvalue

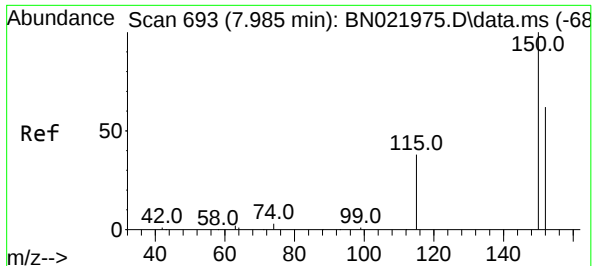
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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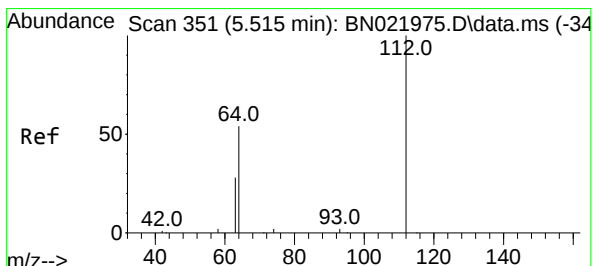
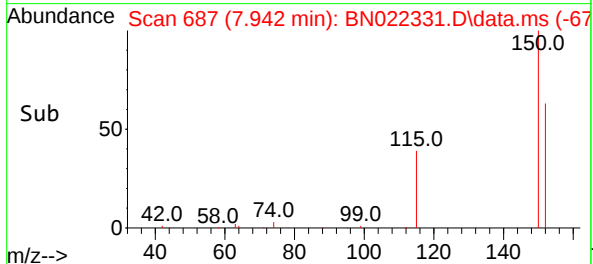
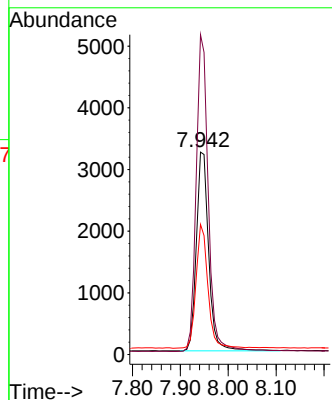
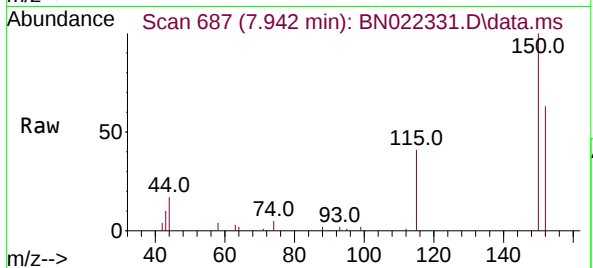




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.942 min Scan# 68
Delta R.T. 0.000 min
Lab File: BN022331.D
Acq: 26 Oct 2022 11:28

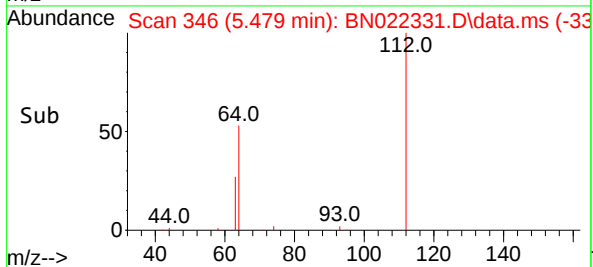
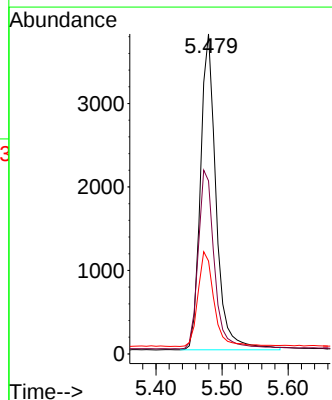
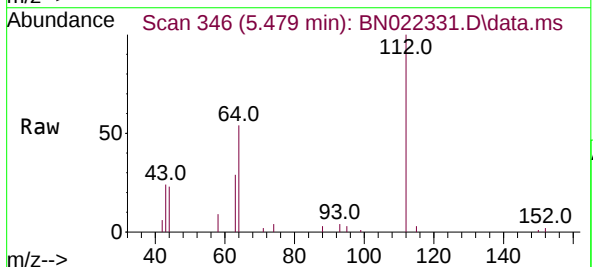
Instrument :
BNA_N
ClientSampleId :
PB148565BL

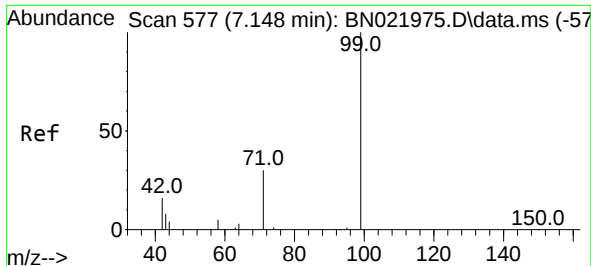
Tgt Ion:152 Resp: 5764
Ion Ratio Lower Upper
152 100
150 158.0 127.2 190.8
115 64.3 51.4 77.0



#4
2-Fluorophenol
Concen: 0.467 ng
RT: 5.479 min Scan# 346
Delta R.T. 0.007 min
Lab File: BN022331.D
Acq: 26 Oct 2022 11:28

Tgt Ion:112 Resp: 6234
Ion Ratio Lower Upper
112 100
64 58.8 46.9 70.3
63 30.8 24.6 37.0

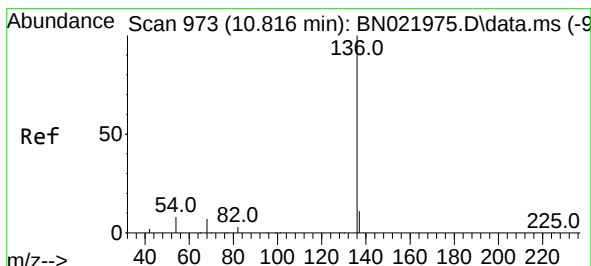
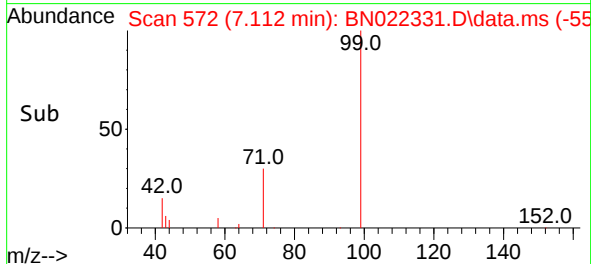
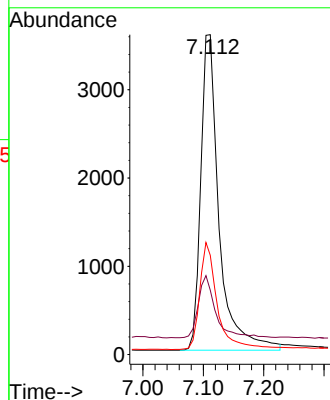
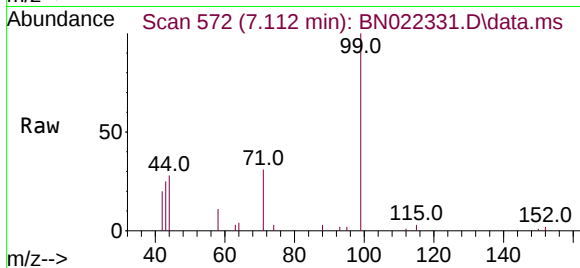




#5
Phenol-d6
Concen: 0.436 ng
RT: 7.112 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN022331.D
Acq: 26 Oct 2022 11:28

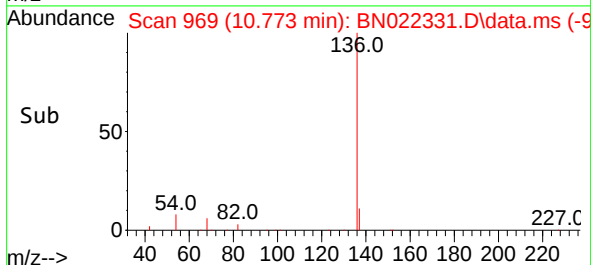
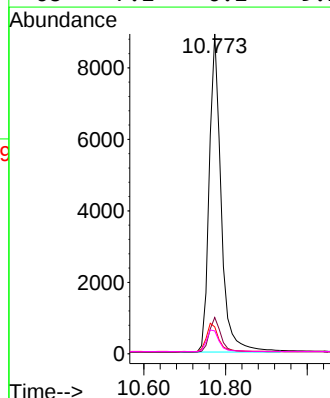
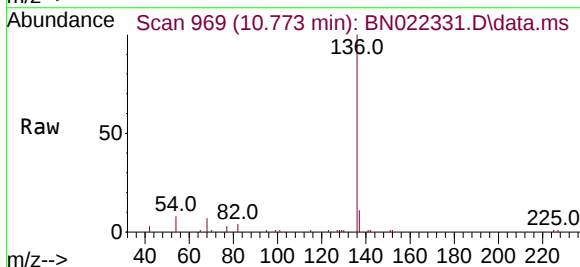
Instrument :
BNA_N
ClientSampleId :
PB148565BL

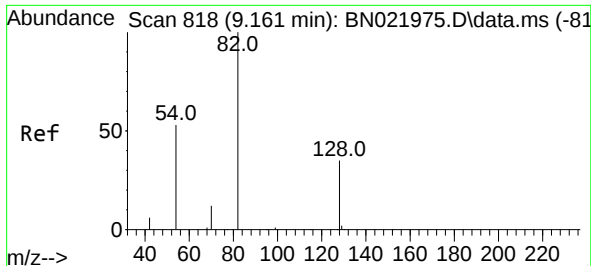
Tgt Ion:	99	Resp:	7546
Ion	Ratio	Lower	Upper
99	100		
42	18.7	15.9	23.9
71	32.7	25.6	38.4



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.773 min Scan# 969
Delta R.T. 0.000 min
Lab File: BN022331.D
Acq: 26 Oct 2022 11:28

Tgt Ion:	136	Resp:	17956
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	8.4	7.1	10.7
68	7.2	6.2	9.2

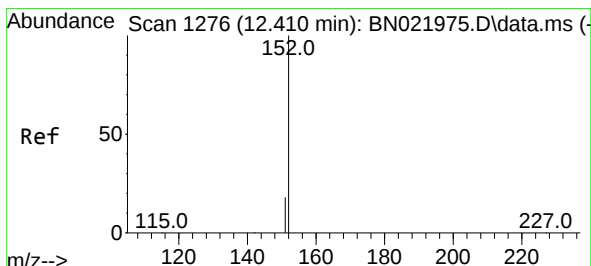
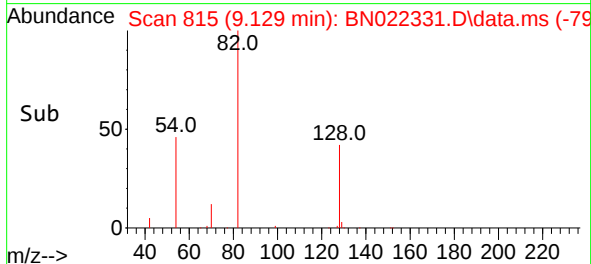
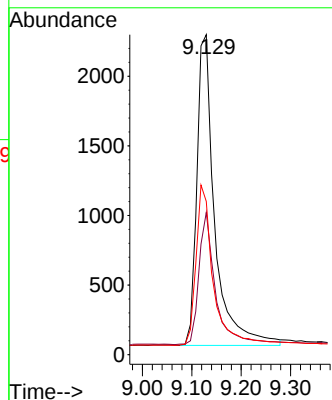
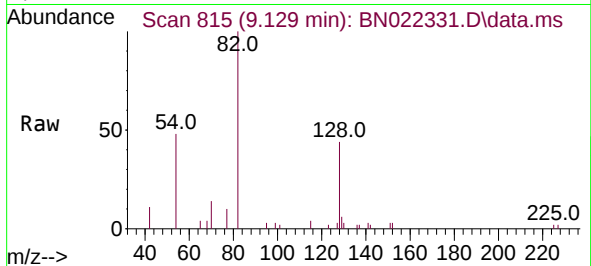




#8
Nitrobenzene-d5
Concen: 0.390 ng
RT: 9.129 min Scan# 81
Delta R.T. 0.011 min
Lab File: BN022331.D
Acq: 26 Oct 2022 11:28

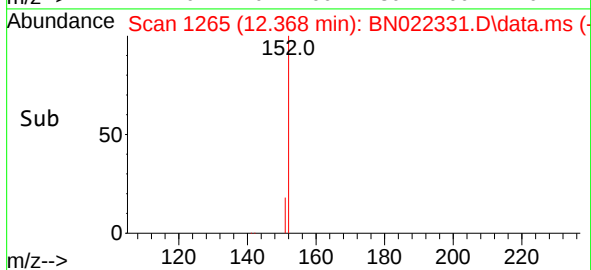
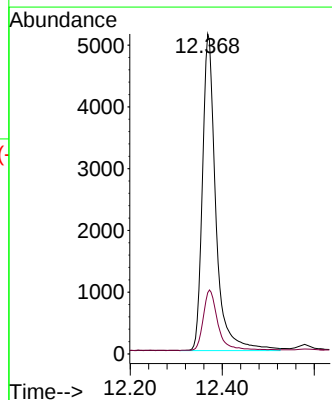
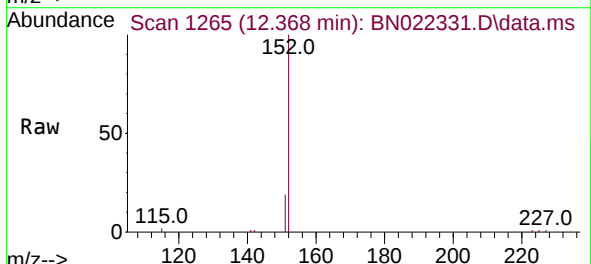
Instrument :
BNA_N
ClientSampleId :
PB148565BL

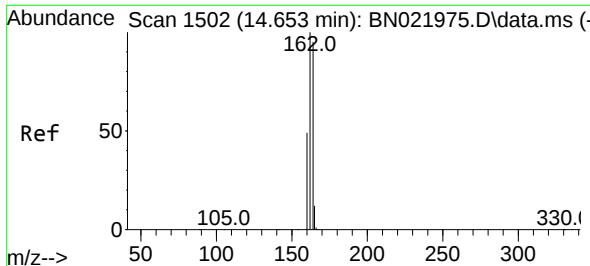
Tgt Ion: 82 Resp: 5625
Ion Ratio Lower Upper
82 100
128 44.4 29.9 44.9
54 47.9 43.5 65.3



#11
2-Methylnaphthalene-d10
Concen: 0.334 ng
RT: 12.368 min Scan# 1265
Delta R.T. 0.000 min
Lab File: BN022331.D
Acq: 26 Oct 2022 11:28

Tgt Ion: 152 Resp: 11024
Ion Ratio Lower Upper
152 100
151 19.5 13.8 20.6

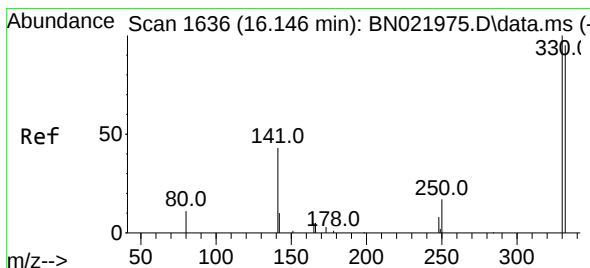
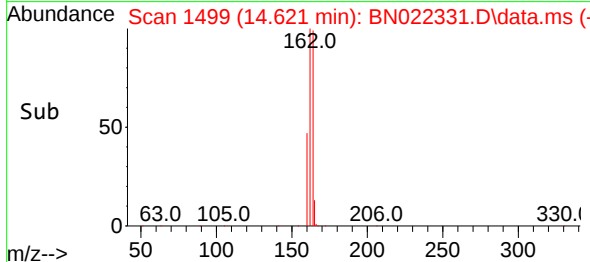
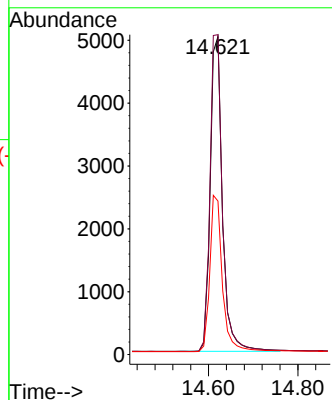
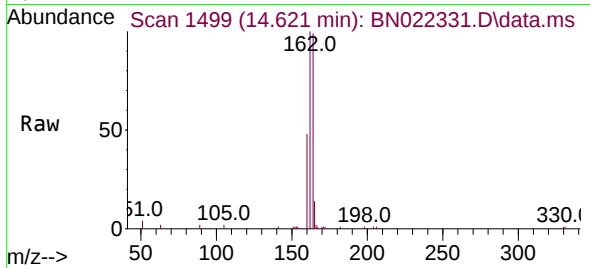




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.621 min Scan# 14
Delta R.T. 0.011 min
Lab File: BN022331.D
Acq: 26 Oct 2022 11:28

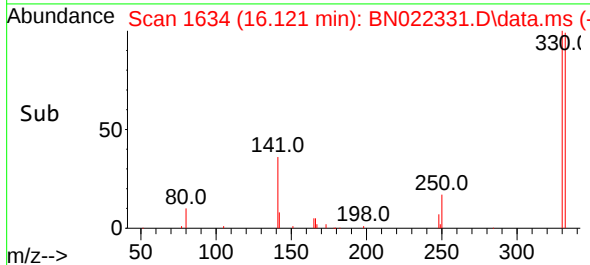
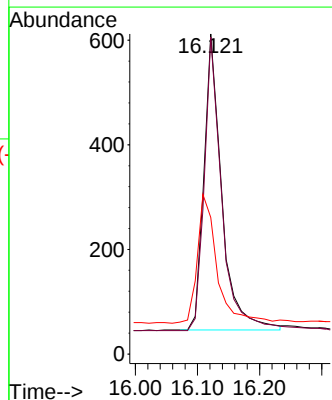
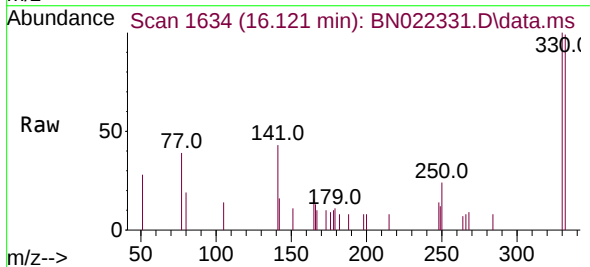
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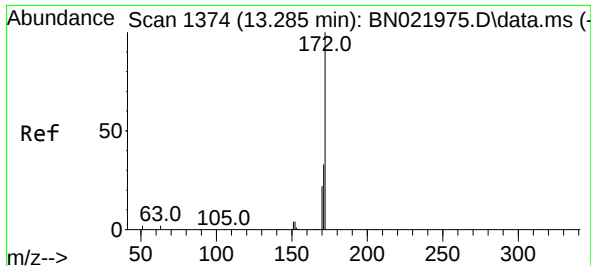
Tgt Ion:164 Resp: 9546
Ion Ratio Lower Upper
164 100
162 100.7 84.3 126.5
160 48.3 41.7 62.5



#14
2,4,6-Tribromophenol
Concen: 0.310 ng
RT: 16.121 min Scan# 1634
Delta R.T. 0.000 min
Lab File: BN022331.D
Acq: 26 Oct 2022 11:28

Tgt Ion:330 Resp: 1130
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.4
141 47.5 35.3 52.9

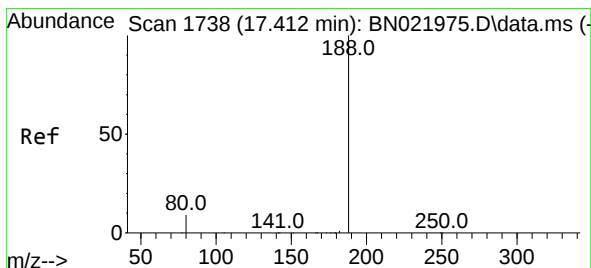
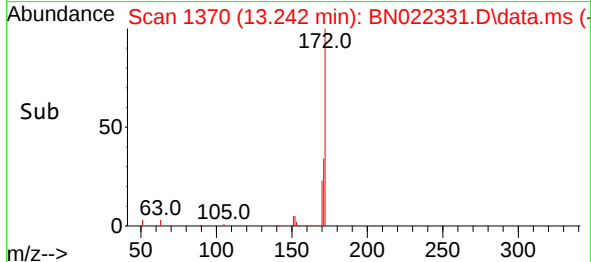
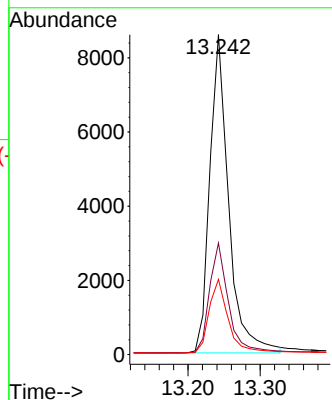
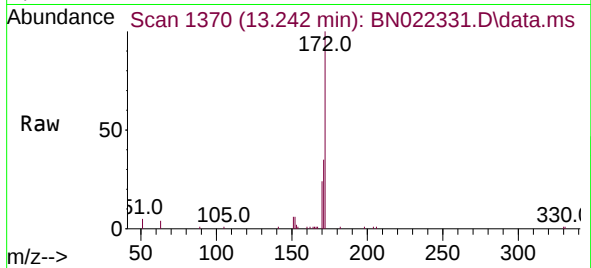




#15
2-Fluorobiphenyl
Concen: 0.375 ng
RT: 13.242 min Scan# 1374
Delta R.T. 0.000 min
Lab File: BN022331.D
Acq: 26 Oct 2022 11:28

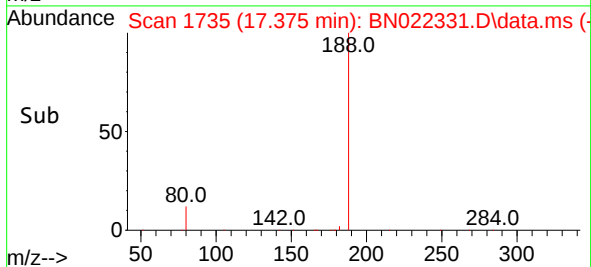
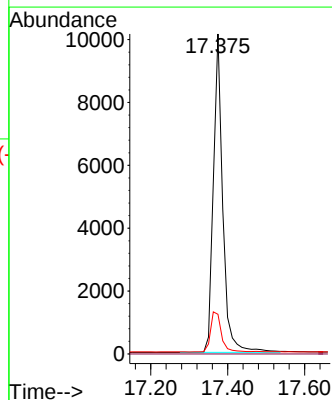
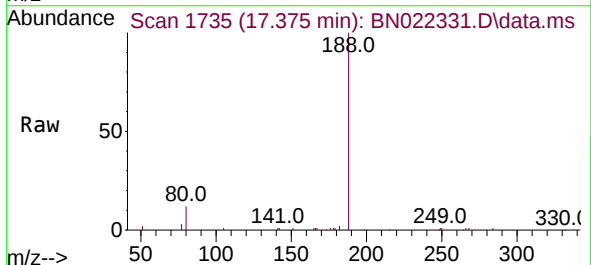
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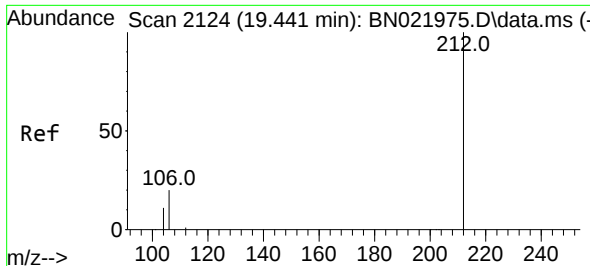
Tgt Ion:	172	Resp:	15625
Ion Ratio	Lower	Upper	
172	100		
171	34.9	27.2	40.8
170	23.5	18.3	27.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.375 min Scan# 1735
Delta R.T. 0.000 min
Lab File: BN022331.D
Acq: 26 Oct 2022 11:28

Tgt Ion:	188	Resp:	17293
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	12.4	7.5	11.3

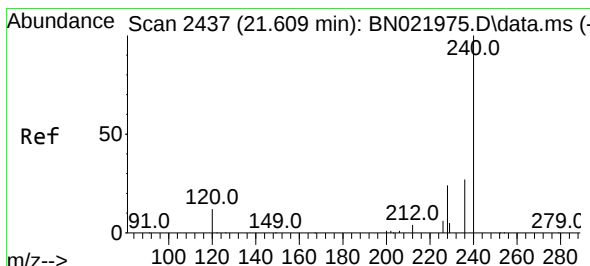
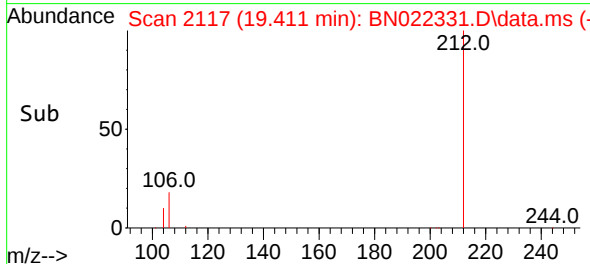
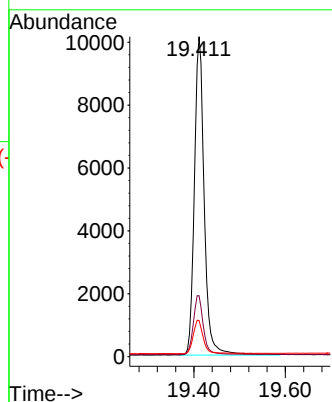
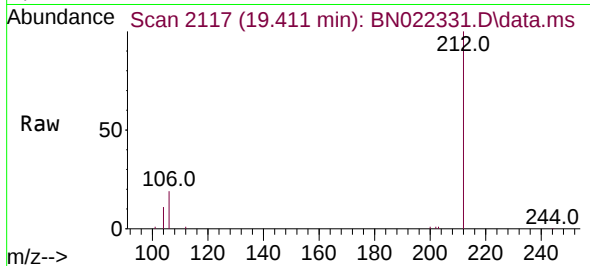




#27
Fluoranthene-d10
Concen: 0.329 ng
RT: 19.411 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BN022331.D
Acq: 26 Oct 2022 11:28

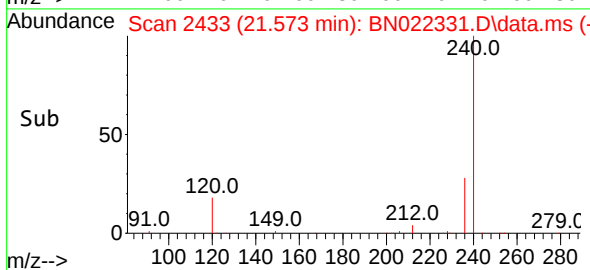
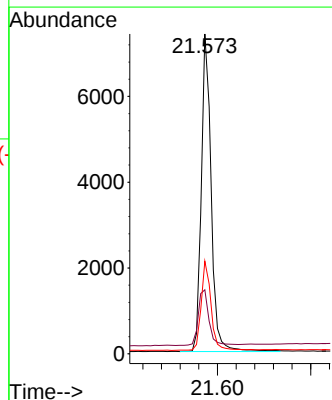
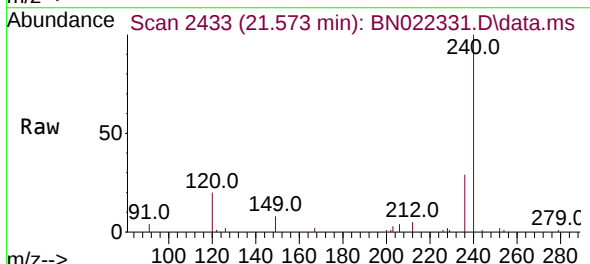
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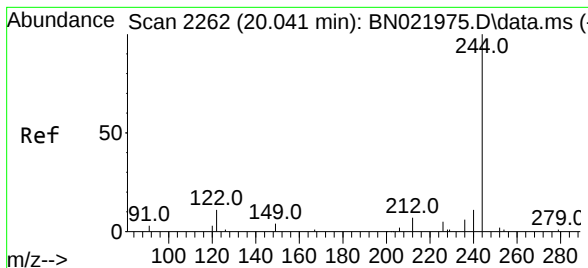
Tgt Ion:212 Resp: 15127
Ion Ratio Lower Upper
212 100
106 18.8 15.2 22.8
104 10.7 8.6 13.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.573 min Scan# 2433
Delta R.T. 0.000 min
Lab File: BN022331.D
Acq: 26 Oct 2022 11:28

Tgt Ion:240 Resp: 10766
Ion Ratio Lower Upper
240 100
120 20.0 11.8 17.6#
236 29.0 22.4 33.6





#31

Terphenyl-d14

Concen: 0.507 ng

RT: 20.006 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN022331.D

Acq: 26 Oct 2022 11:28

Instrument :

BNA_N

ClientSampleId :

PB148565BL

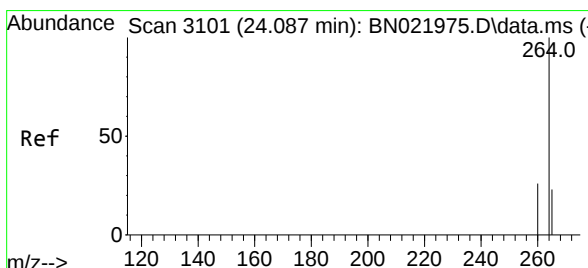
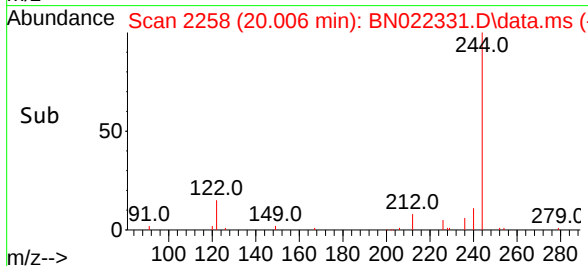
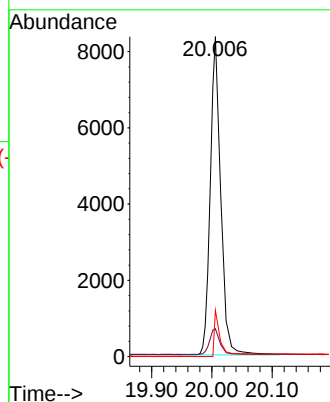
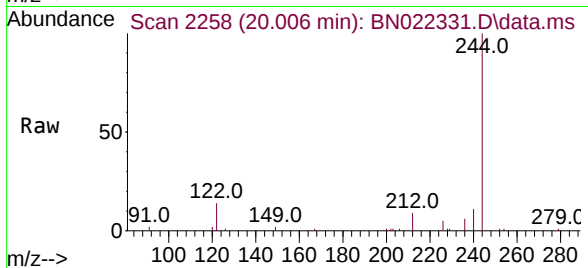
Tgt Ion:244 Resp: 10981

Ion Ratio Lower Upper

244 100

212 8.7 6.5 9.7

122 14.5 9.1 13.7#



#35

Perylene-d12

Concen: 0.400 ng

RT: 24.037 min Scan# 3084

Delta R.T. -0.003 min

Lab File: BN022331.D

Acq: 26 Oct 2022 11:28

Tgt Ion:264 Resp: 9738

Ion Ratio Lower Upper

264 100

260 26.9 21.3 31.9

265 57.4 63.0 94.4#

