

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021523\
 Data File : BN024027.D
 Acq On : 14 Feb 2023 17:25
 Operator : CG/JU
 Sample : PB150814BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB150814BL

Quant Time: Feb 15 02:58:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN020723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 15 02:55:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	4387	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	10027	0.400	ng	# 0.00
13) Acenaphthene-d10	14.484	164	5135	0.400	ng	0.00
19) Phenanthrene-d10	17.241	188	9566	0.400	ng	# 0.01
29) Chrysene-d12	21.432	240	7085	0.400	ng	0.00
35) Perylene-d12	23.821	264	6244	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	3796	0.416	ng	0.00
5) Phenol-d6	7.009	99	4249	0.396	ng	0.00
8) Nitrobenzene-d5	9.003	82	3334	0.414	ng	0.00
11) 2-Methylnaphthalene-d10	12.234	152	5842	0.419	ng	0.00
14) 2,4,6-Tribromophenol	15.987	330	628	0.237	ng	0.00
15) 2-Fluorobiphenyl	13.116	172	8858	0.436	ng	0.01
27) Fluoranthene-d10	19.270	212	9087	0.391	ng	0.00
31) Terphenyl-d14	19.869	244	6100	0.461	ng	0.00

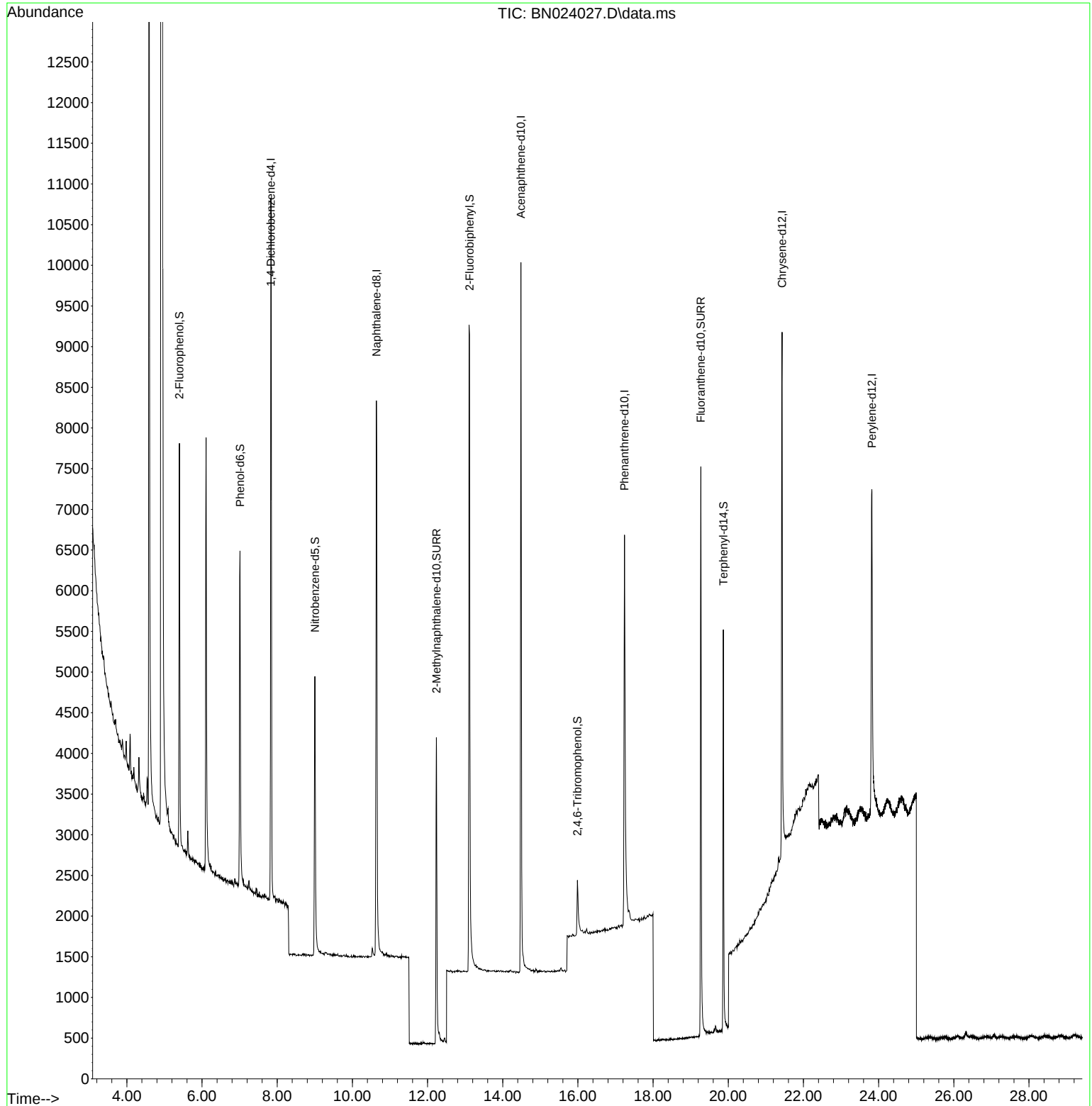
Target Compounds Qvalue

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

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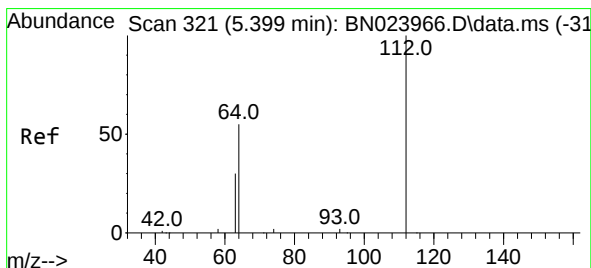
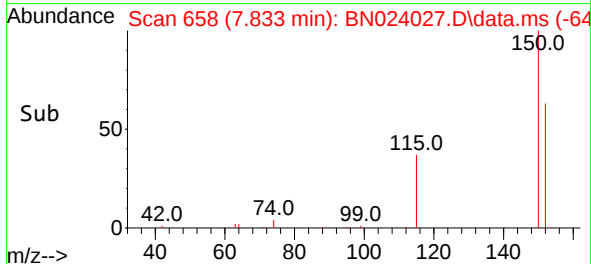
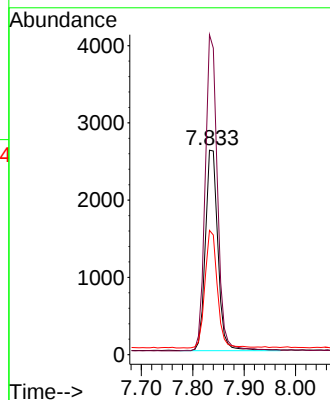
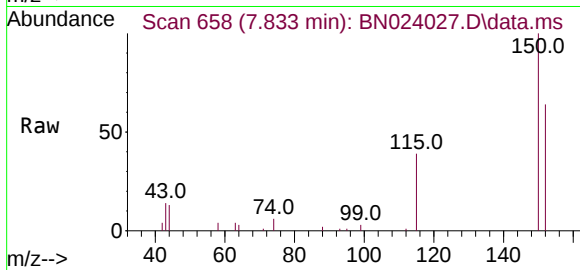


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.833 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN024027.D
 Acq: 14 Feb 2023 17:25

Instrument :
 BNA_N
 ClientSampleId :
 PB150814BL

Tgt Ion:152 Resp: 4387

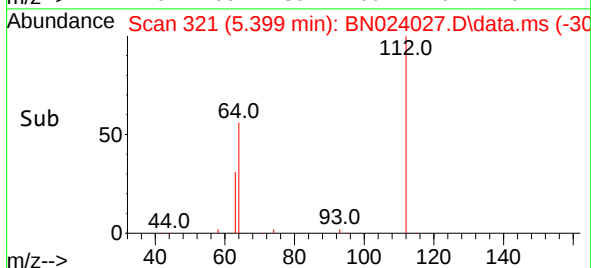
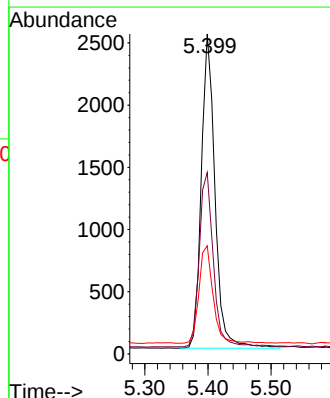
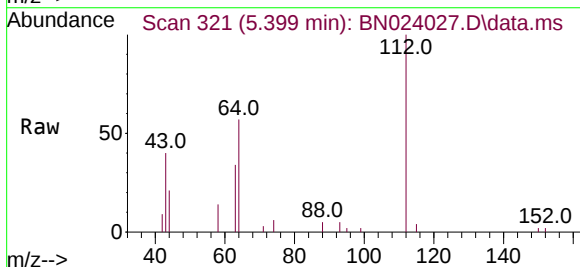
Ion	Ratio	Lower	Upper
152	100		
150	156.6	121.8	182.6
115	60.8	47.7	71.5

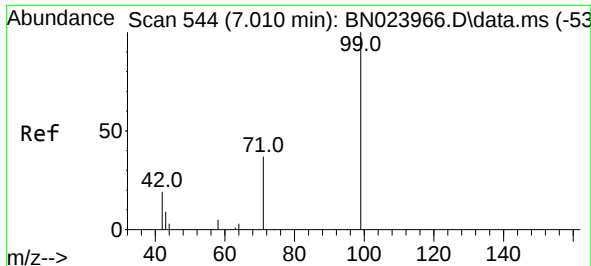


#4
 2-Fluorophenol
 Concen: 0.416 ng
 RT: 5.399 min Scan# 321
 Delta R.T. -0.000 min
 Lab File: BN024027.D
 Acq: 14 Feb 2023 17:25

Tgt Ion:112 Resp: 3796

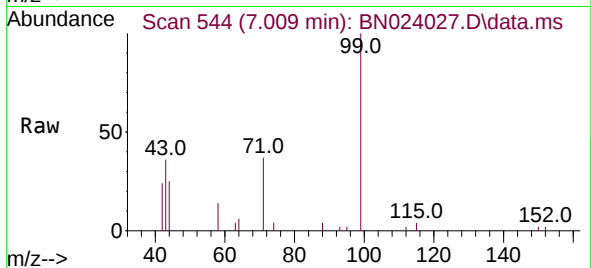
Ion	Ratio	Lower	Upper
112	100		
64	56.8	44.8	67.2
63	32.1	25.1	37.7



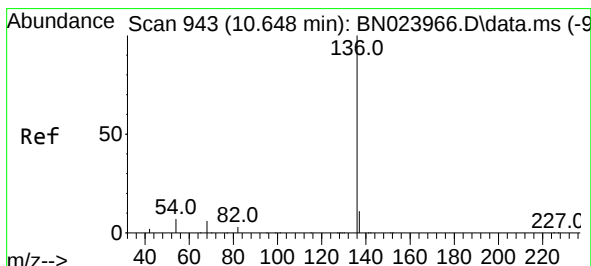
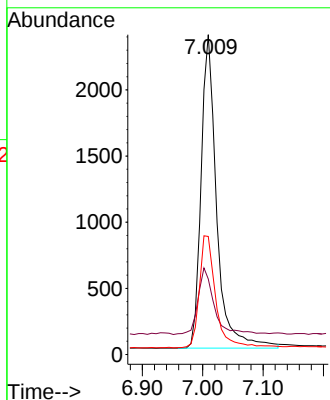
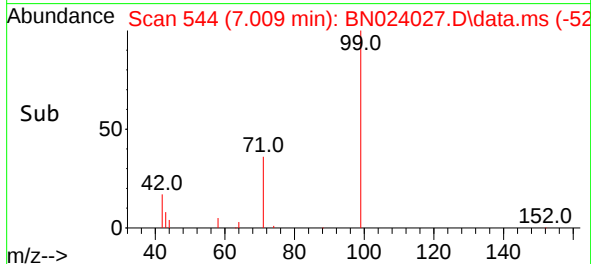


#5
Phenol-d6
Concen: 0.396 ng
RT: 7.009 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN024027.D
Acq: 14 Feb 2023 17:25

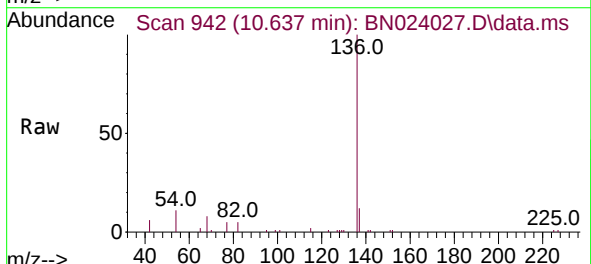
Instrument :
BNA_N
ClientSampleId :
PB150814BL



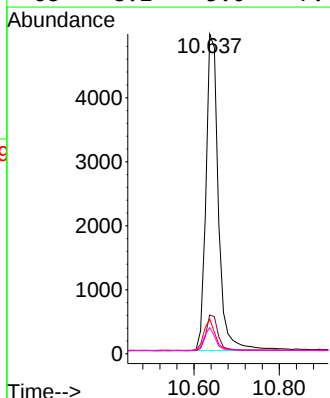
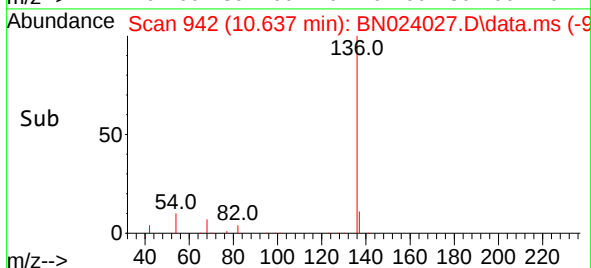
Tgt Ion:	99	Resp:	4249
Ion	Ratio	Lower	Upper
99	100		
42	22.2	17.0	25.6
71	37.9	29.0	43.4

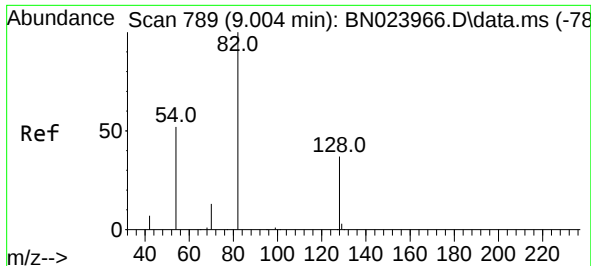


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 942
Delta R.T. -0.000 min
Lab File: BN024027.D
Acq: 14 Feb 2023 17:25



Tgt Ion:	136	Resp:	10027
Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.1	13.7
54	10.9	5.8	8.8#
68	8.2	5.0	7.4#

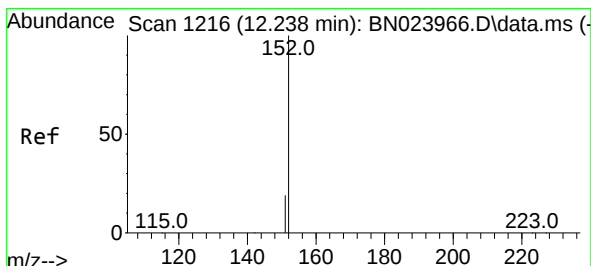
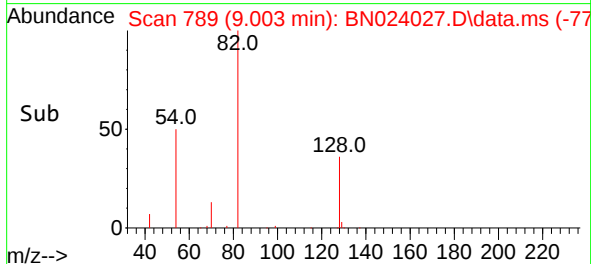
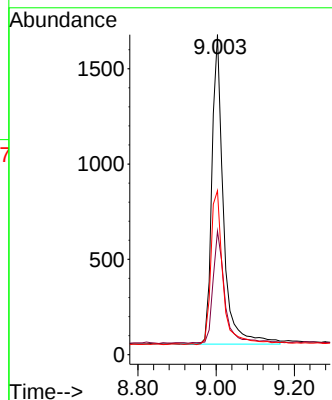
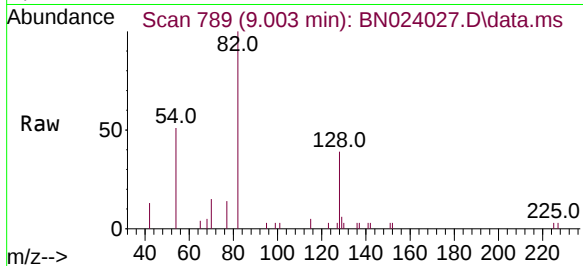




#8
Nitrobenzene-d5
Concen: 0.414 ng
RT: 9.003 min Scan# 789
Delta R.T. -0.000 min
Lab File: BN024027.D
Acq: 14 Feb 2023 17:25

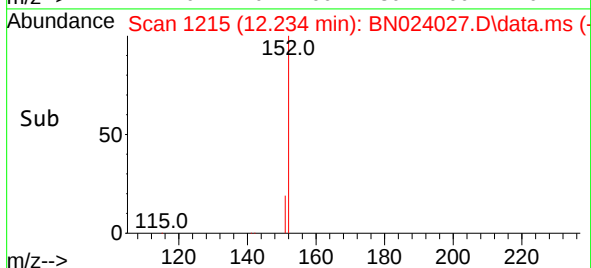
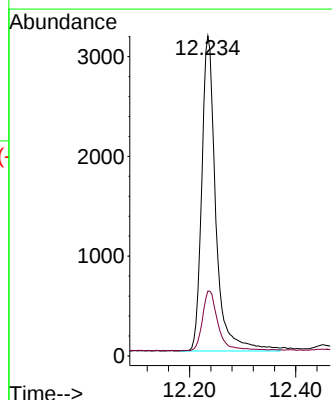
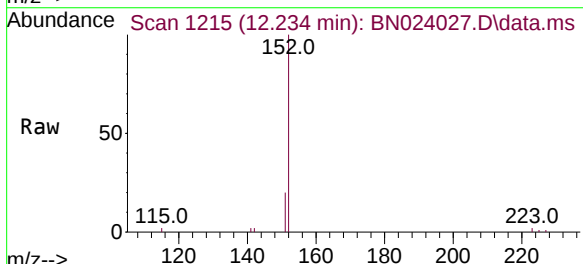
Instrument :
BNA_N
ClientSampleId :
PB150814BL

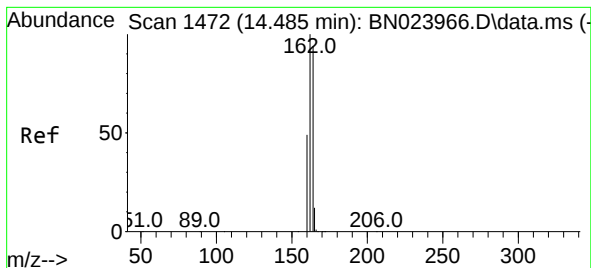
Tgt Ion: 82 Resp: 3334
Ion Ratio Lower Upper
82 100
128 38.6 31.5 47.3
54 51.2 42.8 64.2



#11
2-Methylnaphthalene-d10
Concen: 0.419 ng
RT: 12.234 min Scan# 1215
Delta R.T. -0.000 min
Lab File: BN024027.D
Acq: 14 Feb 2023 17:25

Tgt Ion:152 Resp: 5842
Ion Ratio Lower Upper
152 100
151 20.9 16.6 24.8





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.484 min Scan# 14

Delta R.T. -0.000 min

Lab File: BN024027.D

Acq: 14 Feb 2023 17:25

Instrument :

BNA_N

ClientSampleId :

PB150814BL

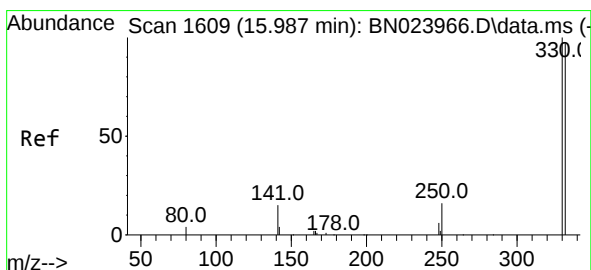
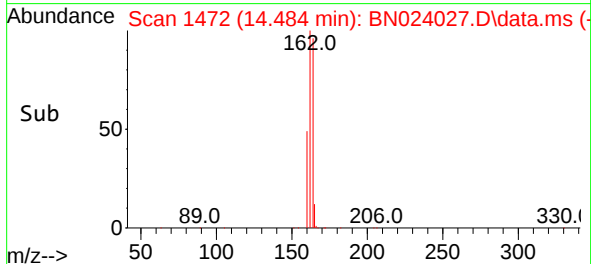
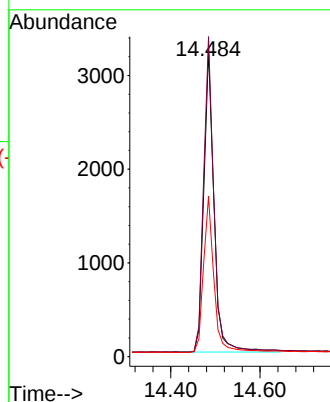
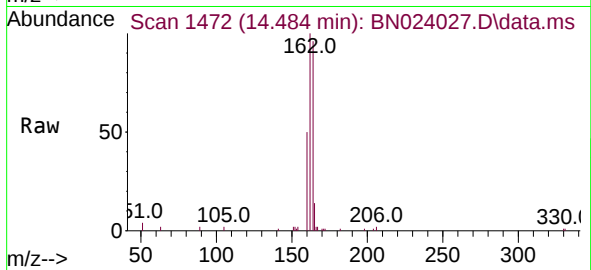
Tgt Ion:164 Resp: 5135

Ion Ratio Lower Upper

164 100

162 104.5 84.8 127.2

160 52.4 42.0 63.0



#14

2,4,6-Tribromophenol

Concen: 0.237 ng

RT: 15.987 min Scan# 1609

Delta R.T. -0.000 min

Lab File: BN024027.D

Acq: 14 Feb 2023 17:25

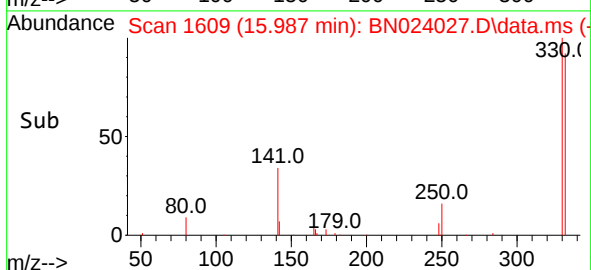
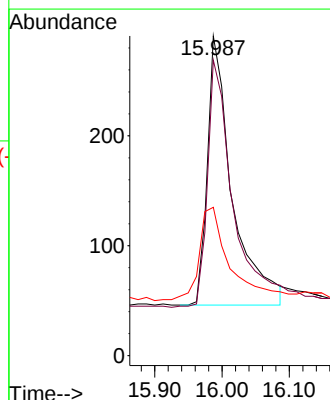
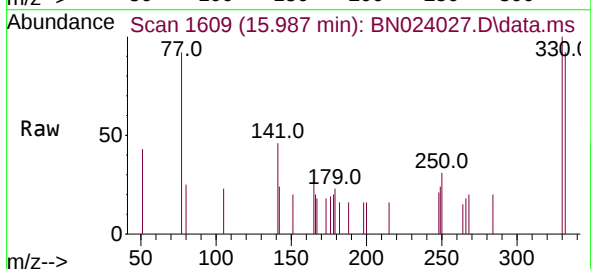
Tgt Ion:330 Resp: 628

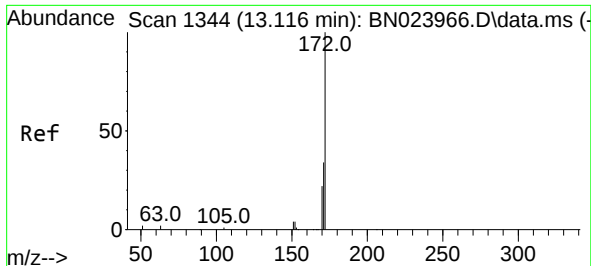
Ion Ratio Lower Upper

330 100

332 95.5 77.7 116.5

141 40.9 26.6 39.8#

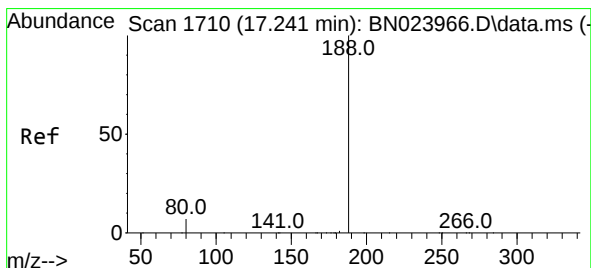
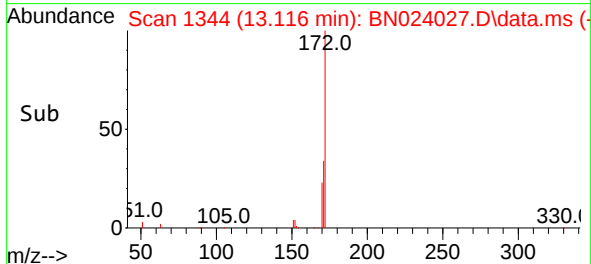
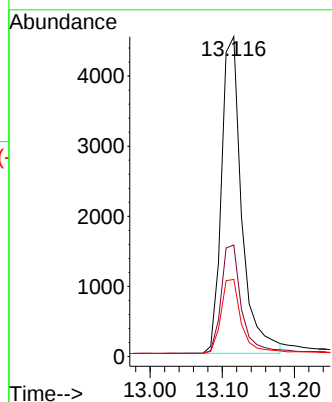
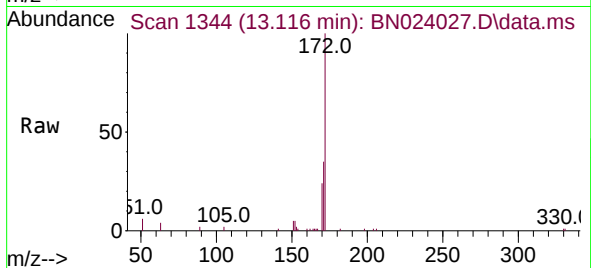




#15
2-Fluorobiphenyl
Concen: 0.436 ng
RT: 13.116 min Scan# 1344
Delta R.T. 0.011 min
Lab File: BN024027.D
Acq: 14 Feb 2023 17:25

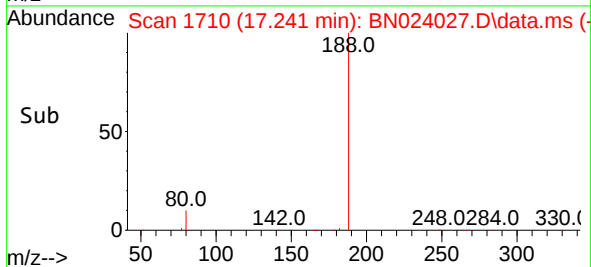
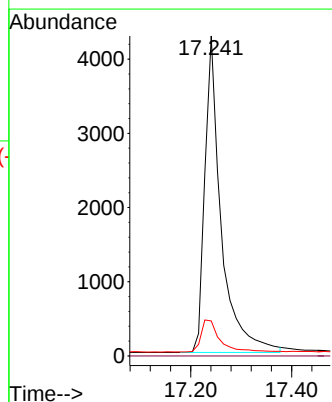
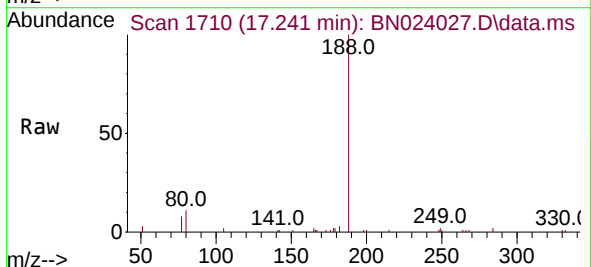
Instrument :
BNA_N
ClientSampleId :
PB150814BL

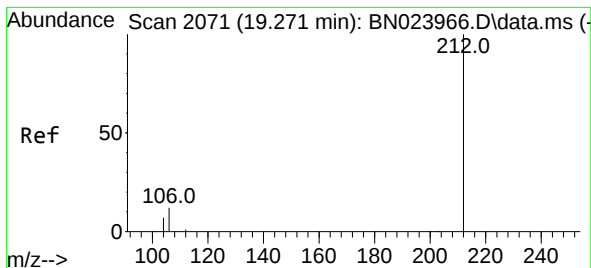
Tgt Ion:172 Resp: 8858
Ion Ratio Lower Upper
172 100
171 34.9 27.4 41.2
170 24.1 18.2 27.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.241 min Scan# 1710
Delta R.T. 0.012 min
Lab File: BN024027.D
Acq: 14 Feb 2023 17:25

Tgt Ion:188 Resp: 9566
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.9 6.1 9.1#





#27

Fluoranthene-d10

Concen: 0.391 ng

RT: 19.270 min Scan# 2405

Delta R.T. 0.004 min

Lab File: BN024027.D

Acq: 14 Feb 2023 17:25

Instrument :

BNA_N

ClientSampleId :

PB150814BL

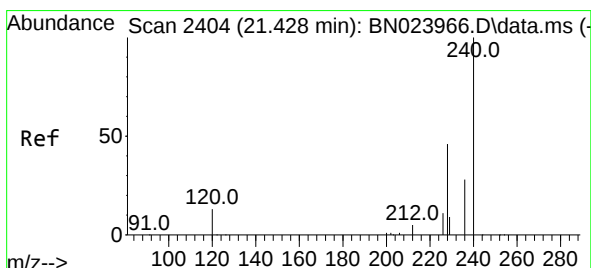
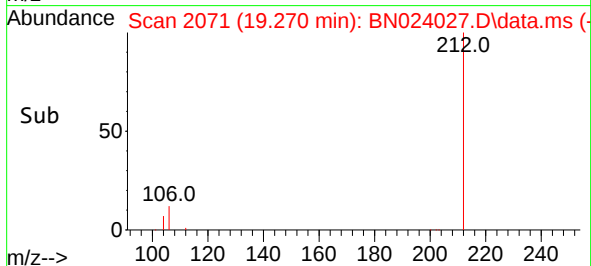
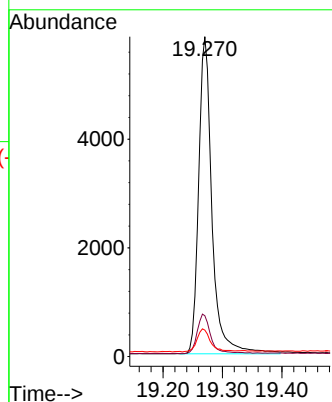
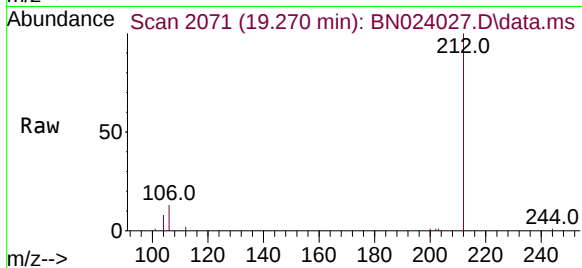
Tgt Ion:212 Resp: 9087

Ion Ratio Lower Upper

212 100

106 12.4 9.2 13.8

104 7.4 5.7 8.5



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.432 min Scan# 2405

Delta R.T. 0.004 min

Lab File: BN024027.D

Acq: 14 Feb 2023 17:25

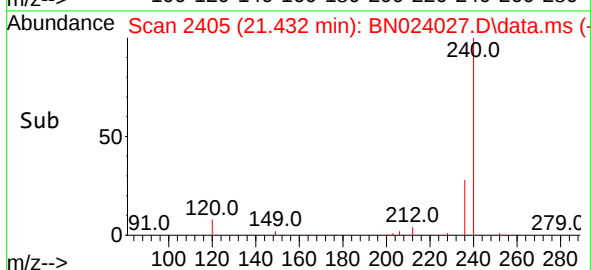
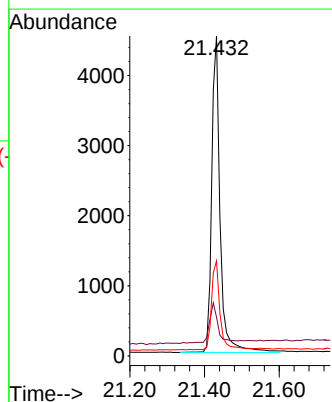
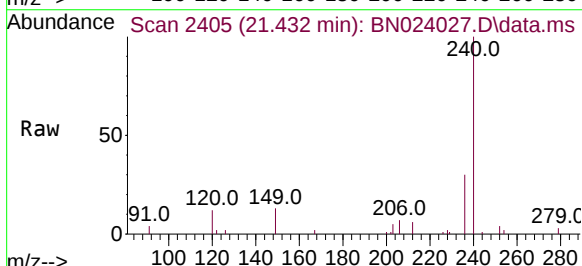
Tgt Ion:240 Resp: 7085

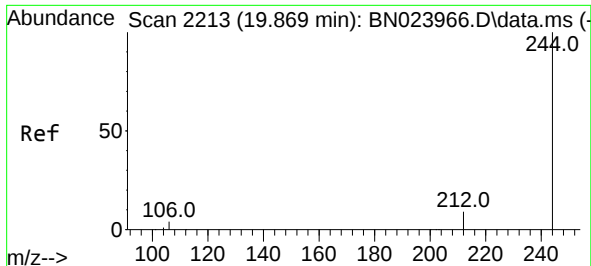
Ion Ratio Lower Upper

240 100

120 12.1 11.4 17.0

236 29.7 23.2 34.8

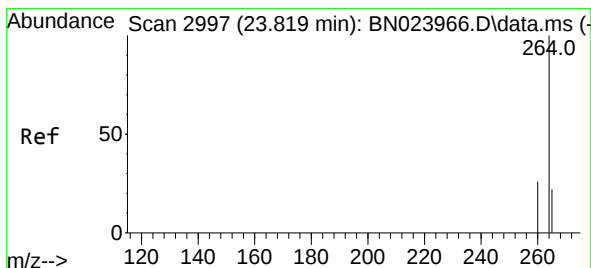
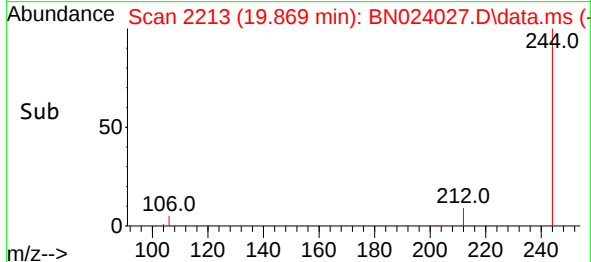
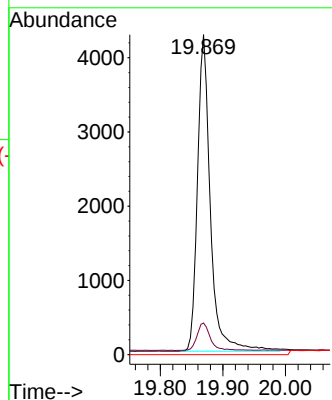
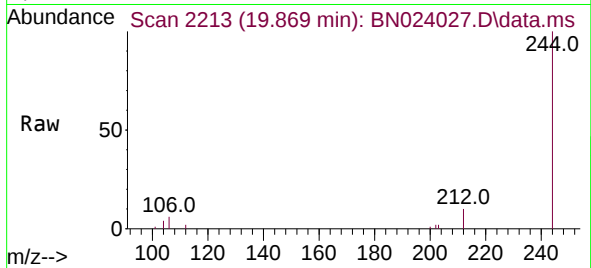




#31
Terphenyl-d14
Concen: 0.461 ng
RT: 19.869 min Scan# 2213
Delta R.T. 0.004 min
Lab File: BN024027.D
Acq: 14 Feb 2023 17:25

Instrument :
BNA_N
ClientSampleId :
PB150814BL

Tgt Ion:244 Resp: 6100
Ion Ratio Lower Upper
244 100
212 9.9 7.7 11.5
122 0.0 0.0 0.0



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.821 min Scan# 2997
Delta R.T. 0.001 min
Lab File: BN024027.D
Acq: 14 Feb 2023 17:25

Tgt Ion:264 Resp: 6244
Ion Ratio Lower Upper
264 100
260 27.7 21.4 32.0
265 94.7 41.4 62.0#

