

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011923\
 Data File : BN023716.D
 Acq On : 19 Jan 2023 13:23
 Operator : CG/JU
 Sample : PB150214BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB150214BL

Quant Time: Jan 20 04:16:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 20 04:14:02 2023
 Response via : Initial Calibration

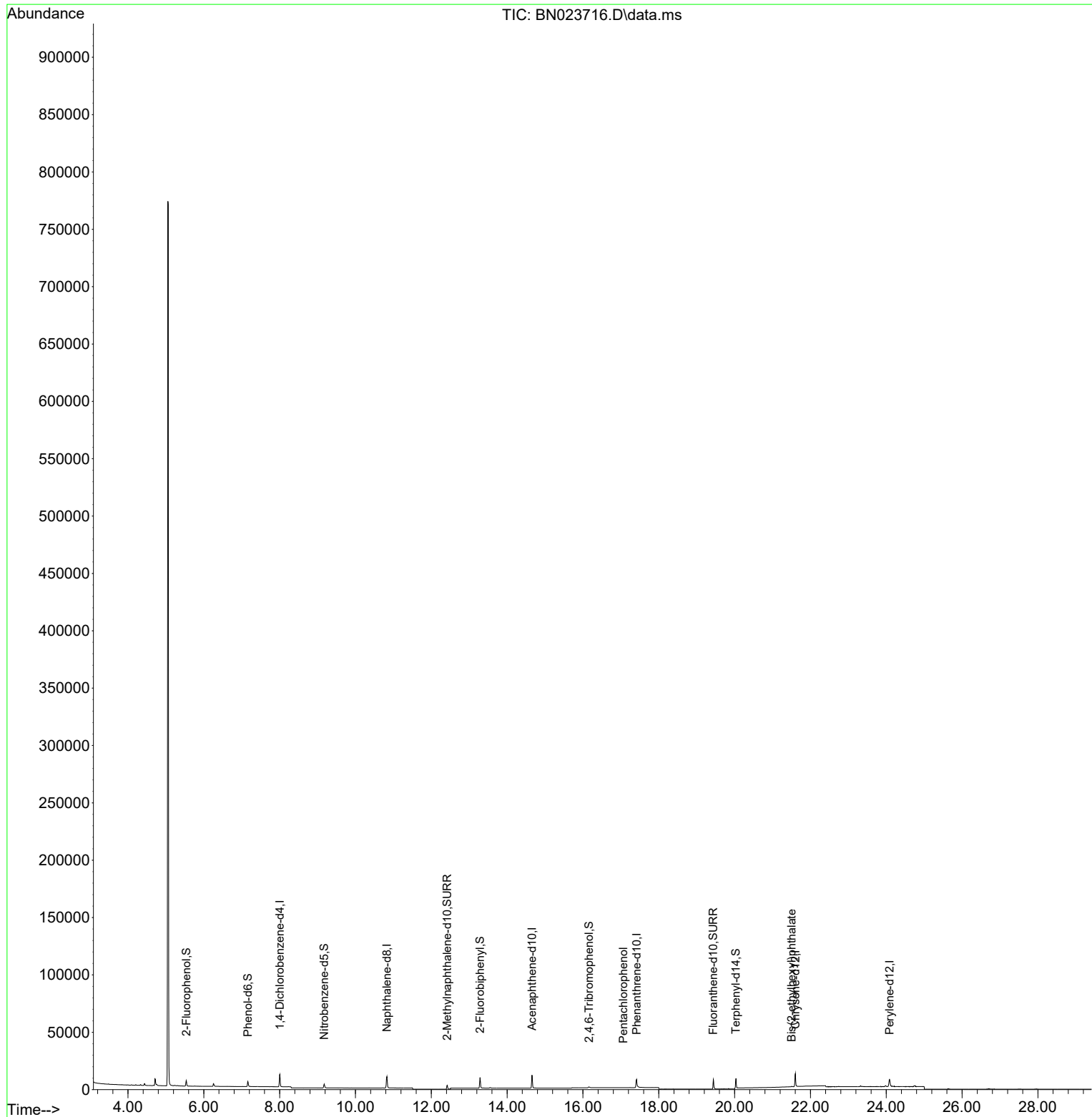
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.006	152	5279	0.400	ng	0.01
7) Naphthalene-d8	10.829	136	13588	0.400	ng	0.01
13) Acenaphthene-d10	14.656	164	6419	0.400	ng	0.01
19) Phenanthrene-d10	17.414	188	13624	0.400	ng	0.01
29) Chrysene-d12	21.602	240	11142	0.400	ng	0.01
35) Perylene-d12	24.087	264	9797	0.400	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.536	112	3714	0.335	ng	0.01
5) Phenol-d6	7.161	99	4265	0.323	ng	0.01
8) Nitrobenzene-d5	9.174	82	3024	0.281	ng	0.01
11) 2-Methylnaphthalene-d10	12.420	152	5936	0.316	ng	0.01
14) 2,4,6-Tribromophenol	16.161	330	678	0.249	ng	0.01
15) 2-Fluorobiphenyl	13.287	172	8079	0.295	ng	0.01
27) Fluoranthene-d10	19.439	212	9386	0.294	ng	0.00
31) Terphenyl-d14	20.035	244	6329	0.360	ng	0.00
Target Compounds						
24) Pentachlorophenol	17.067	266	37	0.171	ng	# 79
34) Bis(2-ethylhexyl)phtha...	21.504	149	445	0.028	ng	# 100

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

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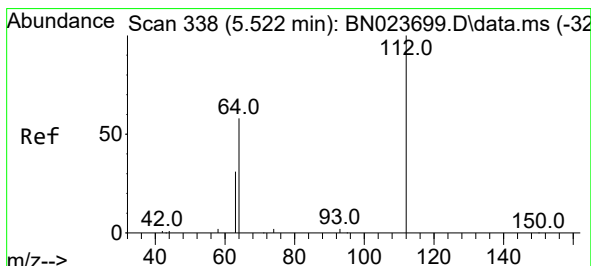
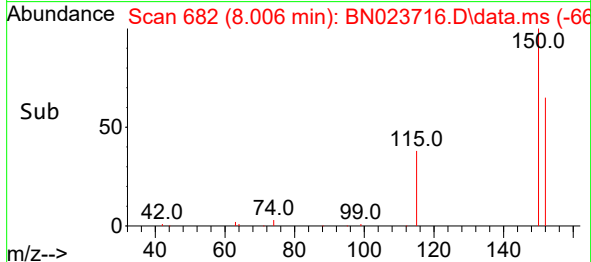
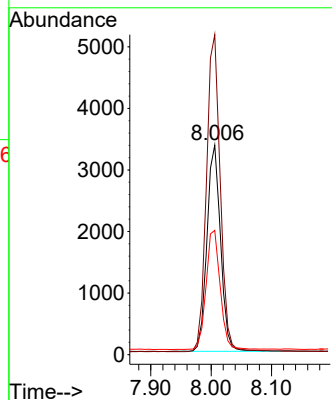
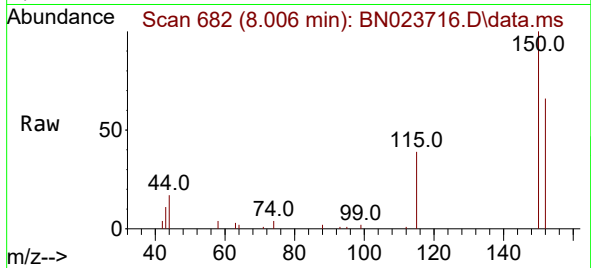




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.006 min Scan# 61
Delta R.T. 0.014 min
Lab File: BN023716.D
Acq: 19 Jan 2023 13:23

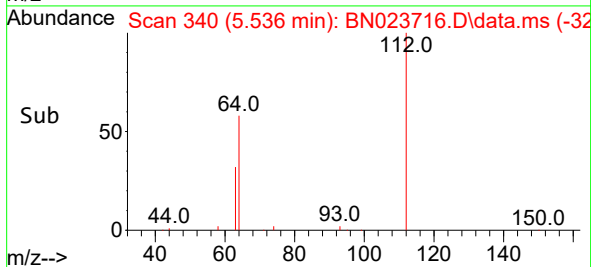
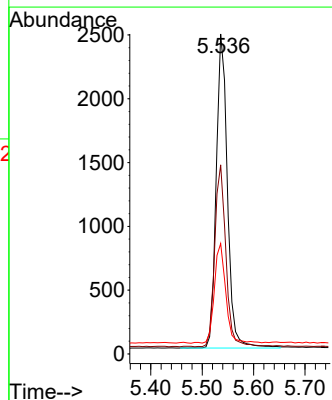
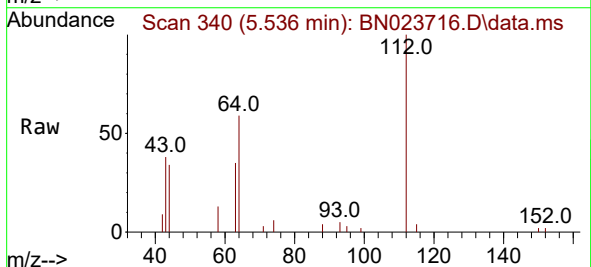
Instrument :
BNA_N
ClientSampleId :
PB150214BL

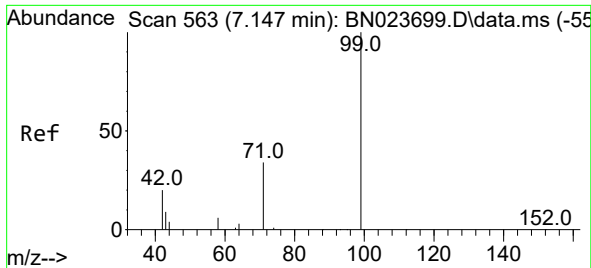
Tgt Ion:152 Resp: 5279
Ion Ratio Lower Upper
152 100
150 152.6 122.4 183.6
115 59.3 48.2 72.4



#4
2-Fluorophenol
Concen: 0.335 ng
RT: 5.536 min Scan# 340
Delta R.T. 0.014 min
Lab File: BN023716.D
Acq: 19 Jan 2023 13:23

Tgt Ion:112 Resp: 3714
Ion Ratio Lower Upper
112 100
64 57.8 45.8 68.8
63 32.5 25.3 37.9

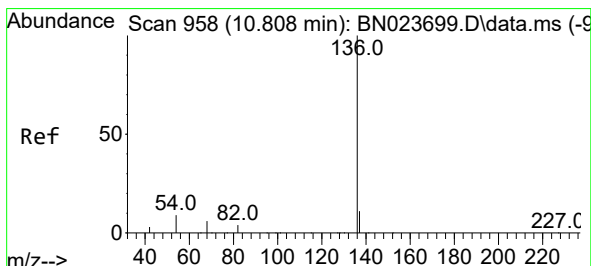
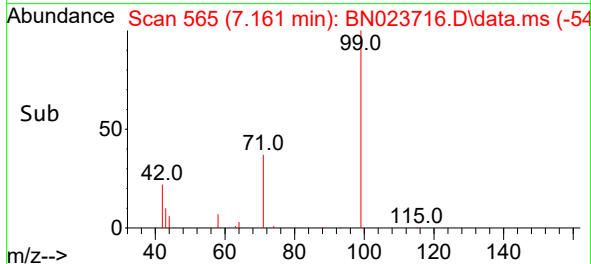
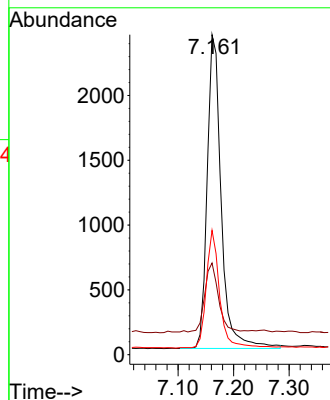
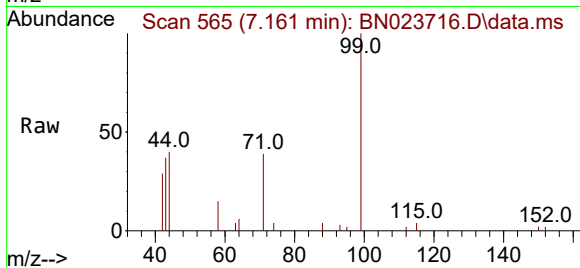




#5
Phenol-d6
Concen: 0.323 ng
RT: 7.161 min Scan# 50
Delta R.T. 0.014 min
Lab File: BN023716.D
Acq: 19 Jan 2023 13:23

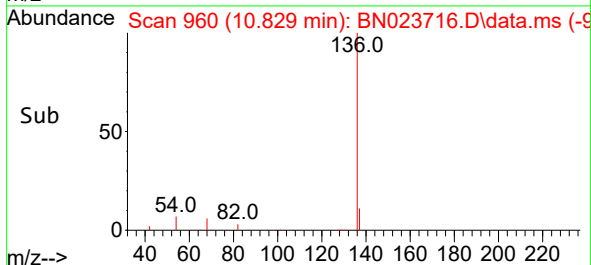
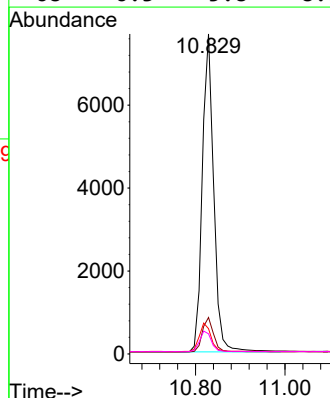
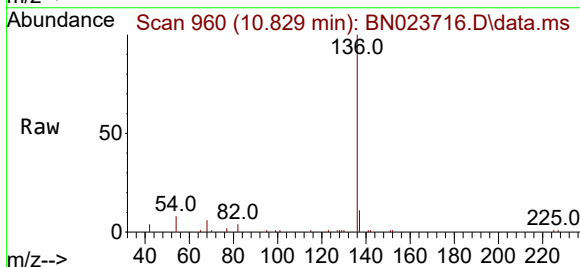
Instrument :
BNA_N
ClientSampleId :
PB150214BL

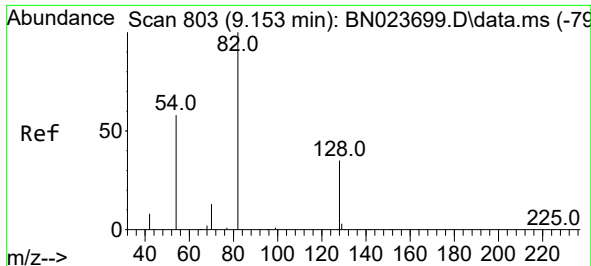
Tgt Ion: 99 Resp: 4265
Ion Ratio Lower Upper
99 100
42 21.6 19.4 29.0
71 35.9 28.7 43.1



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.829 min Scan# 960
Delta R.T. 0.011 min
Lab File: BN023716.D
Acq: 19 Jan 2023 13:23

Tgt Ion: 136 Resp: 13588
Ion Ratio Lower Upper
136 100
137 11.4 9.2 13.8
54 7.9 7.5 11.3
68 6.3 5.8 8.8

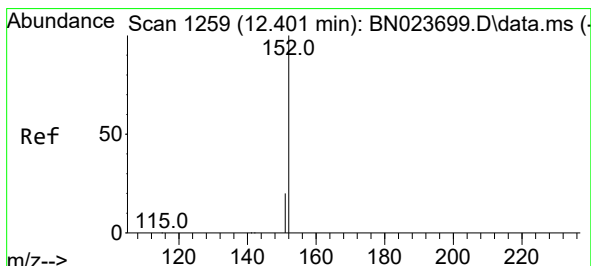
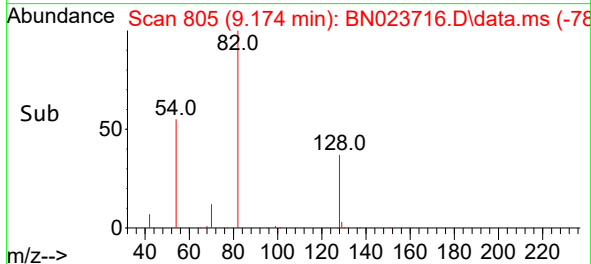
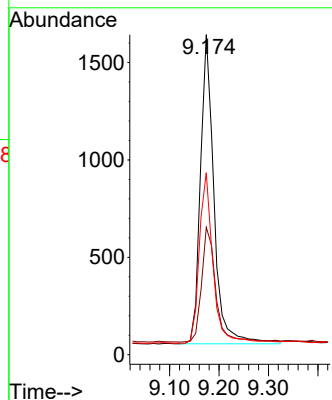
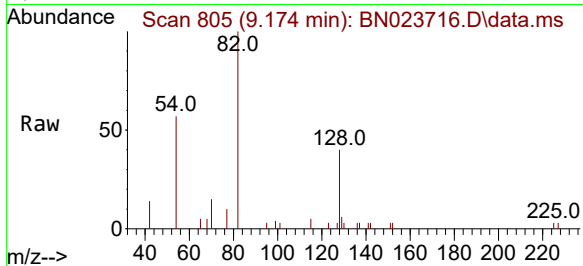




#8
Nitrobenzene-d5
Concen: 0.281 ng
RT: 9.174 min Scan# 80
Delta R.T. 0.011 min
Lab File: BN023716.D
Acq: 19 Jan 2023 13:23

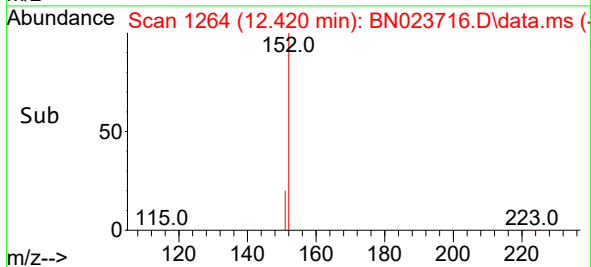
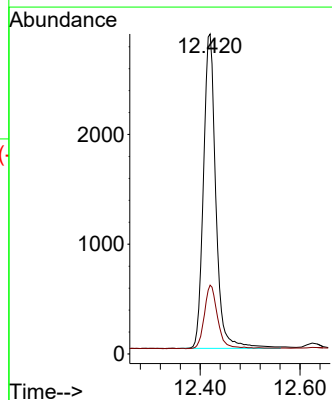
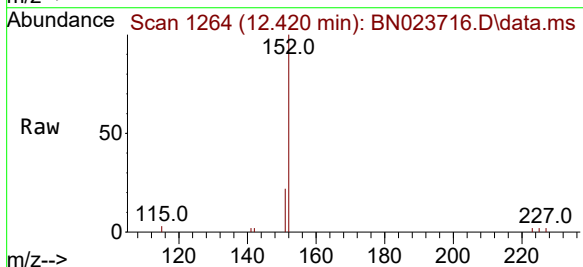
Instrument :
BNA_N
ClientSampleId :
PB150214BL

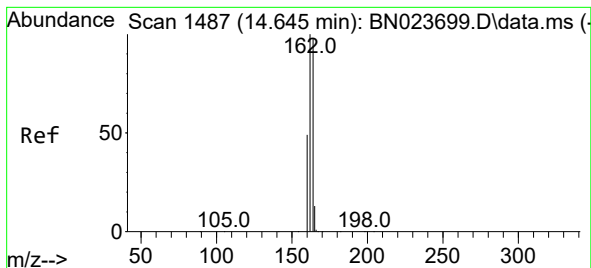
Tgt Ion: 82 Resp: 3024
Ion Ratio Lower Upper
82 100
128 39.8 30.2 45.2
54 56.8 47.3 70.9



#11
2-Methylnaphthalene-d10
Concen: 0.316 ng
RT: 12.420 min Scan# 1264
Delta R.T. 0.015 min
Lab File: BN023716.D
Acq: 19 Jan 2023 13:23

Tgt Ion: 152 Resp: 5936
Ion Ratio Lower Upper
152 100
151 20.6 17.1 25.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.656 min Scan# 1488

Delta R.T. 0.011 min

Lab File: BN023716.D

Acq: 19 Jan 2023 13:23

Instrument :

BNA_N

ClientSampleId :

PB150214BL

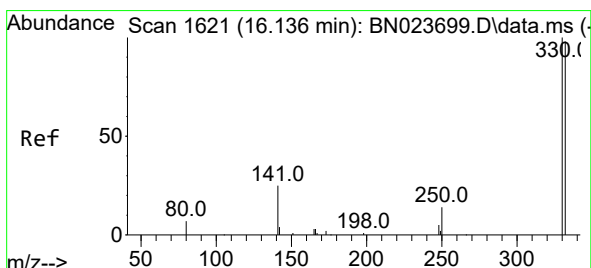
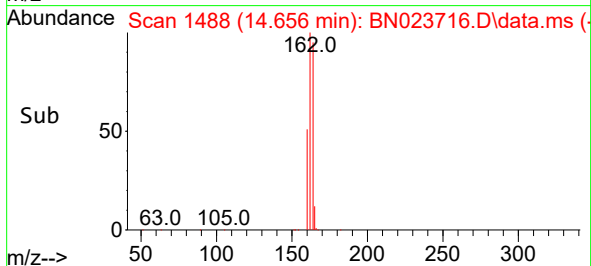
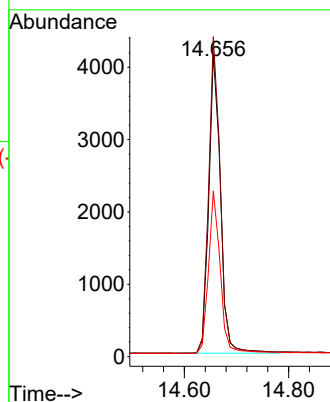
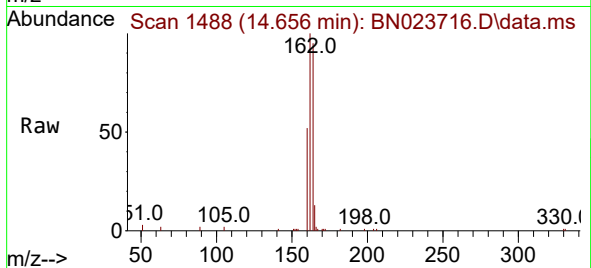
Tgt Ion:164 Resp: 6419

Ion Ratio Lower Upper

164 100

162 105.6 81.8 122.6

160 54.7 40.3 60.5



#14

2,4,6-Tribromophenol

Concen: 0.249 ng

RT: 16.161 min Scan# 1623

Delta R.T. 0.012 min

Lab File: BN023716.D

Acq: 19 Jan 2023 13:23

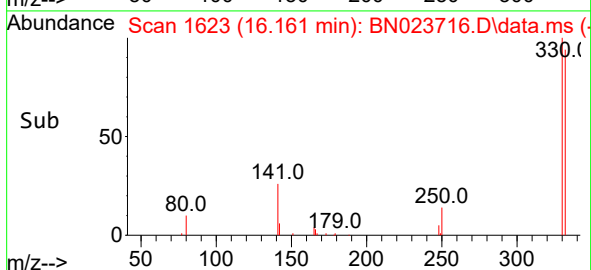
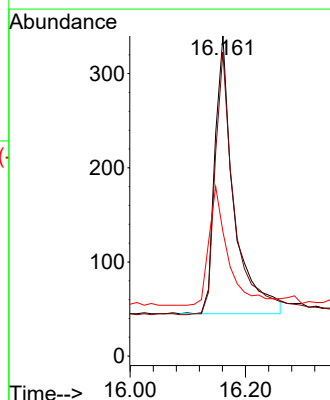
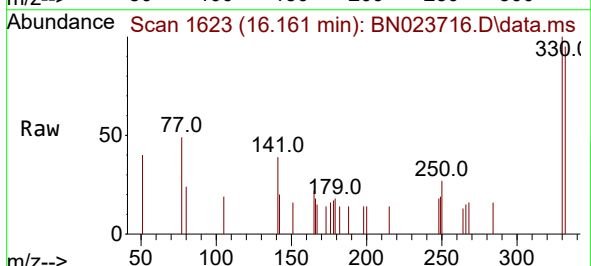
Tgt Ion:330 Resp: 678

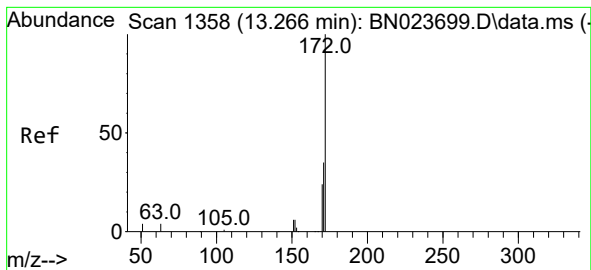
Ion Ratio Lower Upper

330 100

332 96.0 77.6 116.4

141 42.9 35.0 52.4

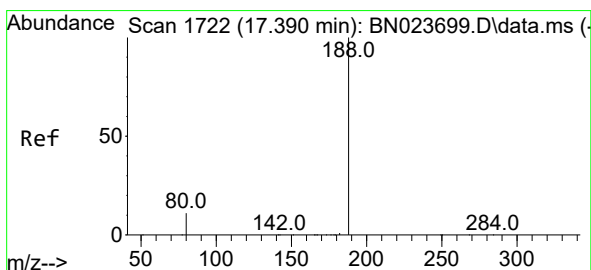
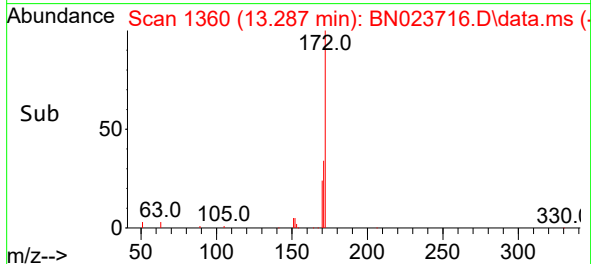
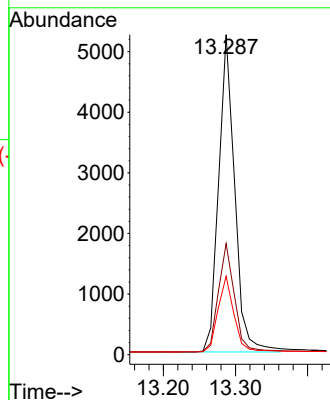
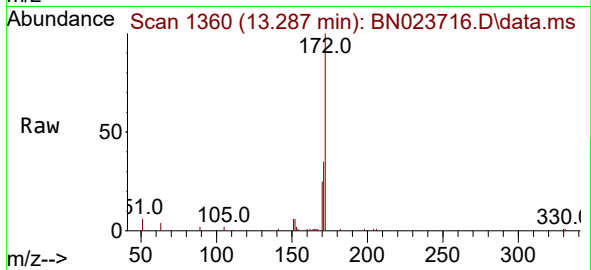




#15
2-Fluorobiphenyl
Concen: 0.295 ng
RT: 13.287 min Scan# 1360
Delta R.T. 0.011 min
Lab File: BN023716.D
Acq: 19 Jan 2023 13:23

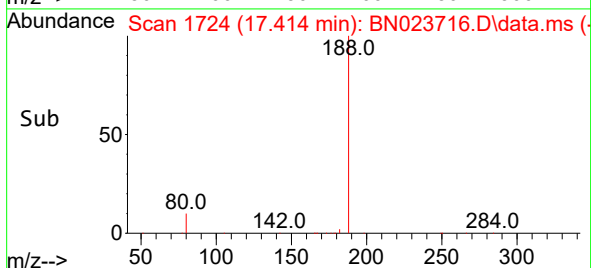
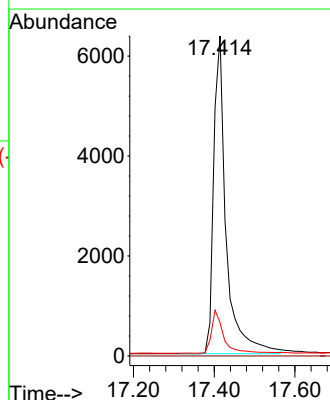
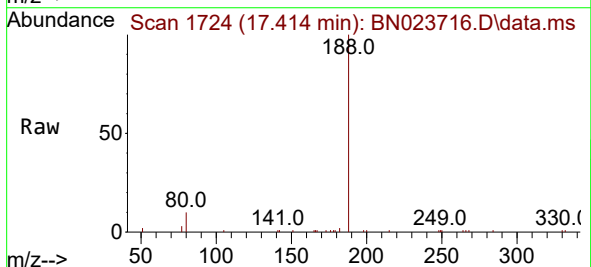
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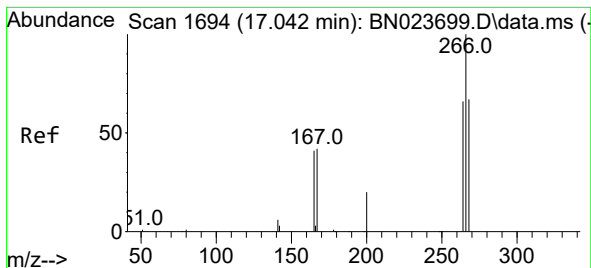
Tgt Ion:172 Resp: 8079
Ion Ratio Lower Upper
172 100
171 34.7 28.6 42.8
170 24.5 20.0 30.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.414 min Scan# 1724
Delta R.T. 0.012 min
Lab File: BN023716.D
Acq: 19 Jan 2023 13:23

Tgt Ion:188 Resp: 13624
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.4 9.5 14.3





#24

Pentachlorophenol

Concen: 0.171 ng

RT: 17.067 min Scan# 1

Delta R.T. 0.012 min

Lab File: BN023716.D

Acq: 19 Jan 2023 13:23

Instrument :

BNA_N

ClientSampleId :

PB150214BL

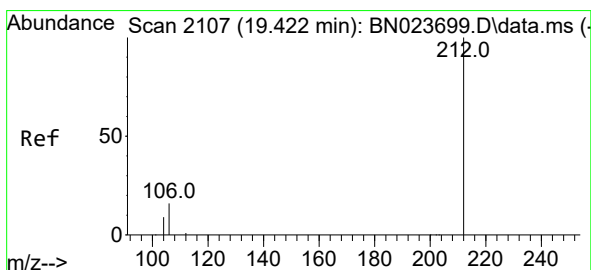
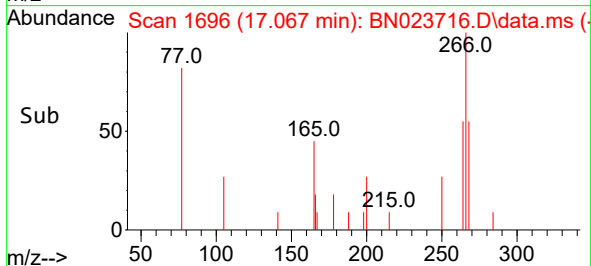
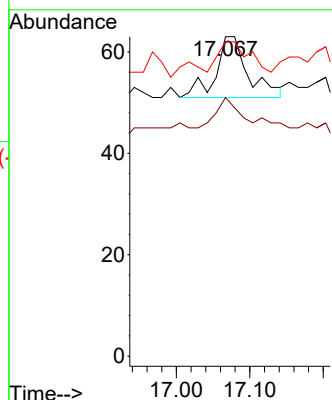
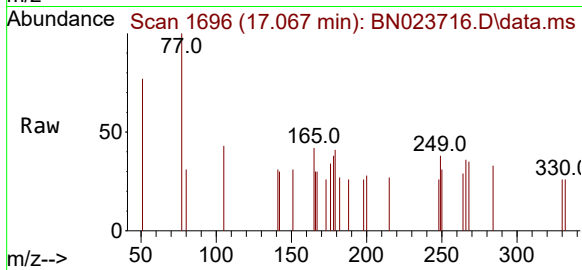
Tgt Ion:266 Resp: 37

Ion Ratio Lower Upper

266 100

264 43.2 51.4 77.2#

268 54.1 52.3 78.5



#27

Fluoranthene-d10

Concen: 0.294 ng

RT: 19.439 min Scan# 2111

Delta R.T. 0.004 min

Lab File: BN023716.D

Acq: 19 Jan 2023 13:23

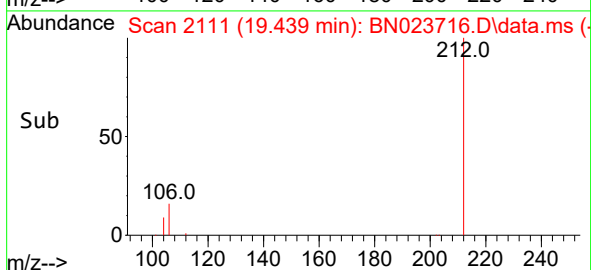
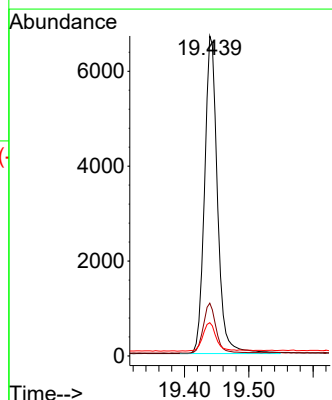
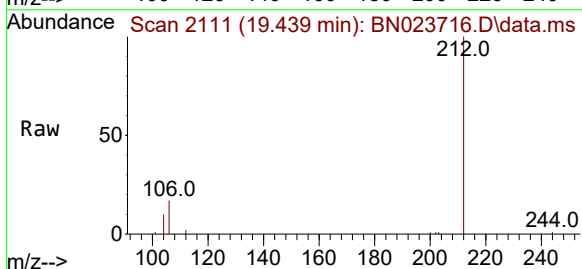
Tgt Ion:212 Resp: 9386

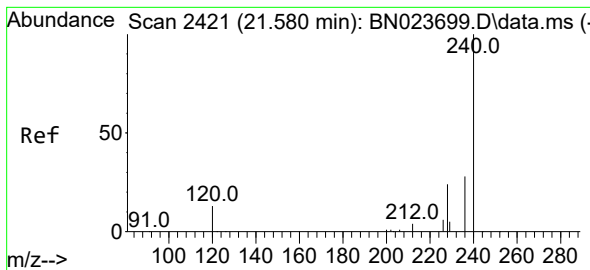
Ion Ratio Lower Upper

212 100

106 15.5 12.4 18.6

104 9.2 7.1 10.7





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.602 min Scan# 2424

Delta R.T. 0.013 min

Lab File: BN023716.D

Acq: 19 Jan 2023 13:23

Instrument :

BNA_N

ClientSampleId :

PB150214BL

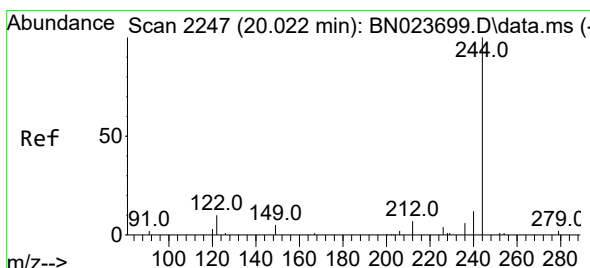
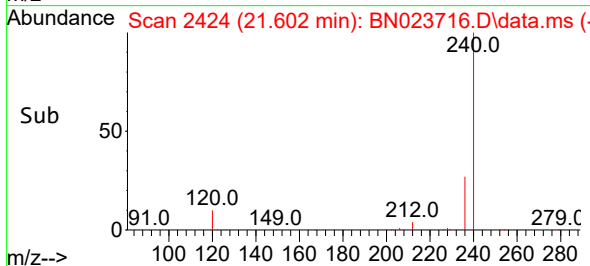
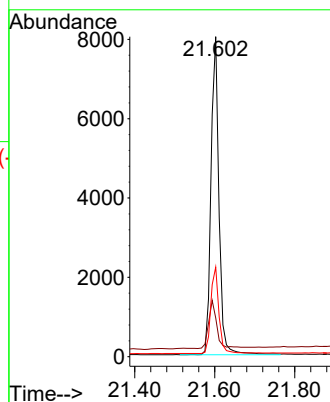
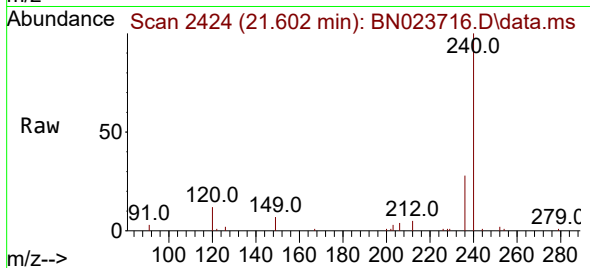
Tgt Ion:240 Resp: 11142

Ion Ratio Lower Upper

240 100

120 12.1 12.0 18.0

236 28.0 22.8 34.2



#31

Terphenyl-d14

Concen: 0.360 ng

RT: 20.035 min Scan# 2249

Delta R.T. 0.004 min

Lab File: BN023716.D

Acq: 19 Jan 2023 13:23

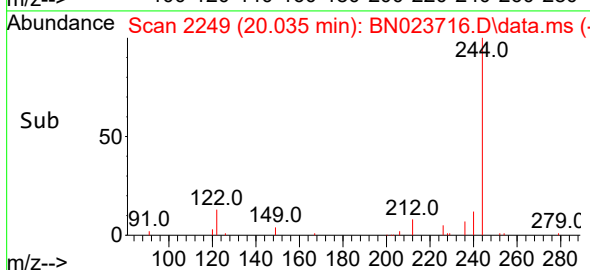
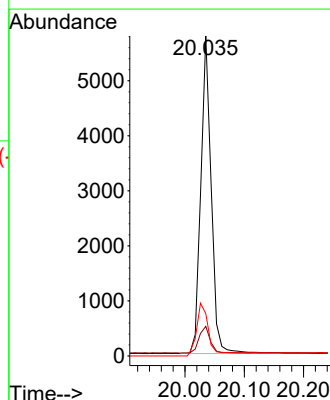
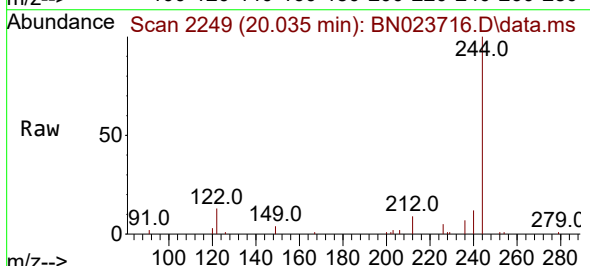
Tgt Ion:244 Resp: 6329

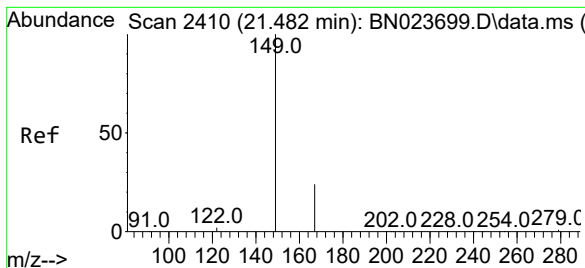
Ion Ratio Lower Upper

244 100

212 9.3 6.5 9.7

122 13.2 7.6 11.4#





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.028 ng

RT: 21.504 min Scan# 2413

Delta R.T. 0.004 min

Lab File: BN023716.D

Acq: 19 Jan 2023 13:23

Instrument :

BNA_N

ClientSampleId :

PB150214BL

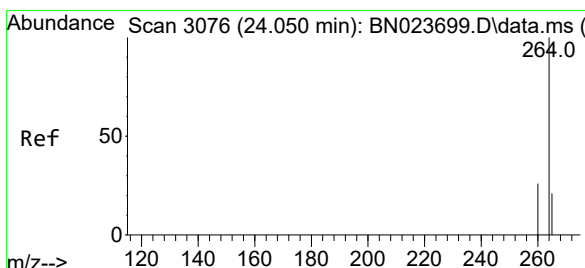
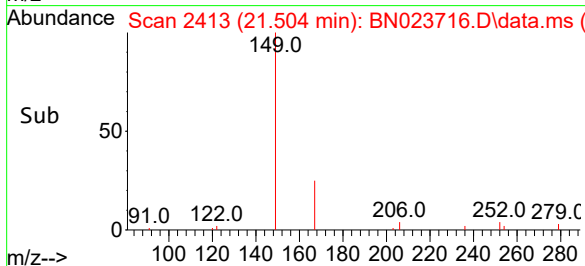
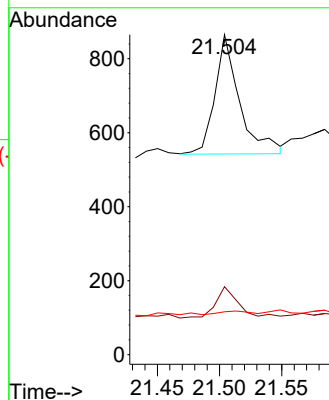
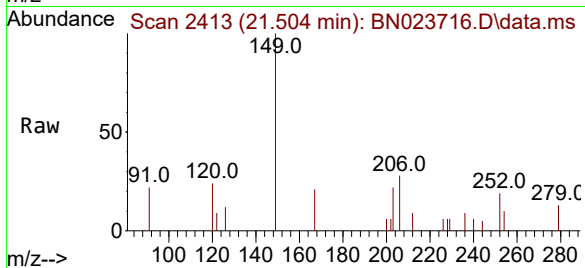
Tgt Ion:149 Resp: 445

Ion Ratio Lower Upper

149 100

167 24.7 19.8 29.8

279 3.8 2.5 3.7#



#35

Perylene-d12

Concen: 0.400 ng

RT: 24.087 min Scan# 3088

Delta R.T. 0.013 min

Lab File: BN023716.D

Acq: 19 Jan 2023 13:23

Tgt Ion:264 Resp: 9797

Ion Ratio Lower Upper

264 100

260 27.2 21.0 31.6

265 57.3 49.9 74.9

