

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101123\
 Data File : BN028250.D
 Acq On : 12 Oct 2023 02:15
 Operator : MA/JU
 Sample : PB156272BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB156272BL

Quant Time: Oct 12 04:09:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 12 04:03:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.921	152	2262	0.400	ng	0.00
7) Naphthalene-d8	10.746	136	7359	0.400	ng	# 0.01
13) Acenaphthene-d10	14.565	164	4589	0.400	ng	0.00
19) Phenanthrene-d10	17.331	188	11072	0.400	ng	0.01
29) Chrysene-d12	21.524	240	11302	0.400	ng	0.00
35) Perylene-d12	23.990	264	8523	0.400	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.459	112	3042	0.451	ng	0.00
5) Phenol-d6	7.105	99	3229	0.379	ng	0.01
8) Nitrobenzene-d5	9.144	82	2332	0.372	ng	0.02
11) 2-Methylnaphthalene-d10	12.339	152	4359	0.400	ng	0.01
14) 2,4,6-Tribromophenol	16.090	330	853	0.406	ng	0.01
15) 2-Fluorobiphenyl	13.197	172	6177	0.373	ng	0.01
27) Fluoranthene-d10	19.360	212	12939	0.465	ng	0.00
31) Terphenyl-d14	19.945	244	11006	0.417	ng	0.00

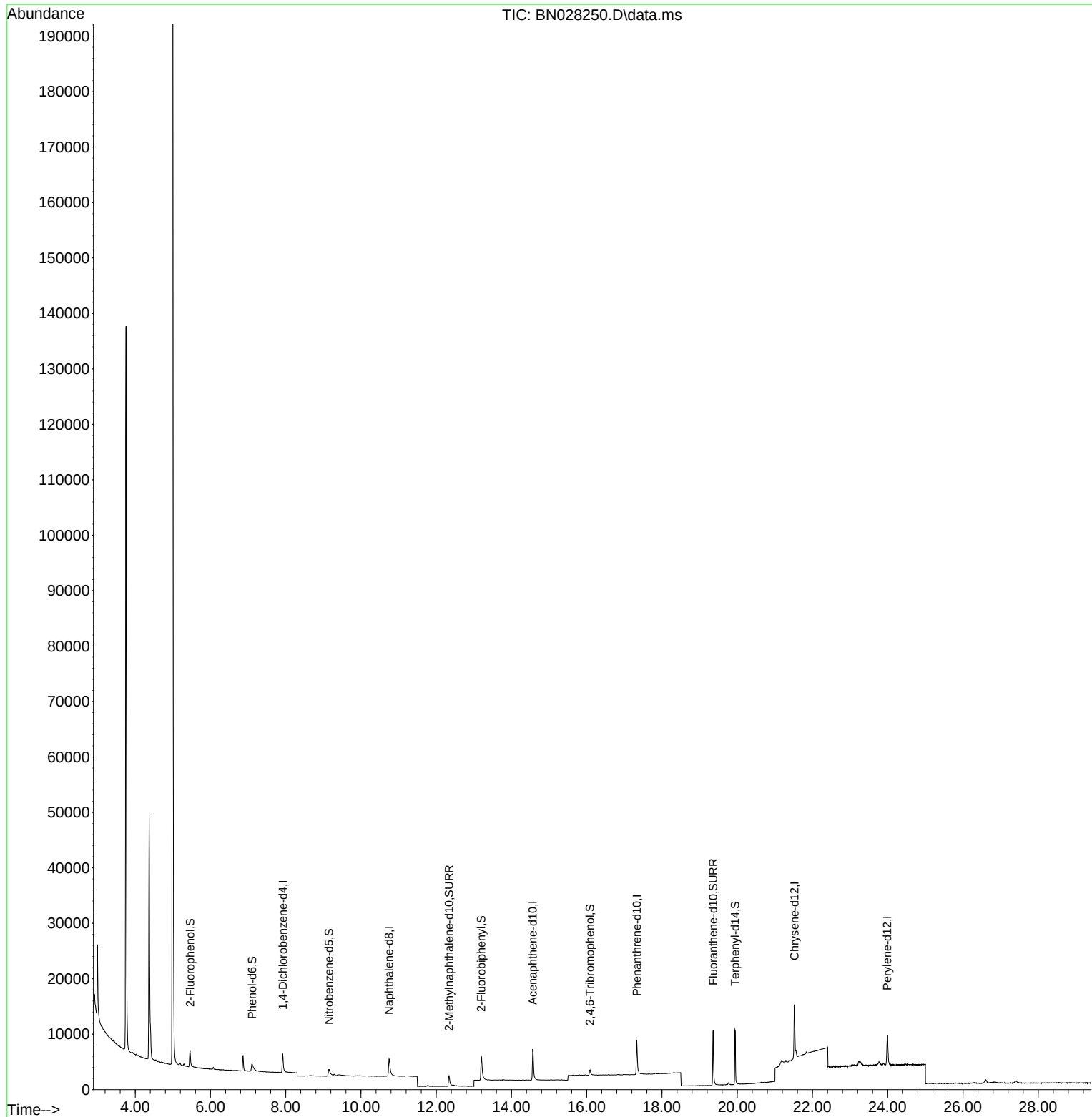
Target Compounds Qvalue

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

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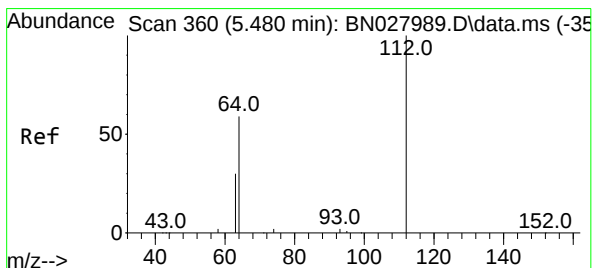
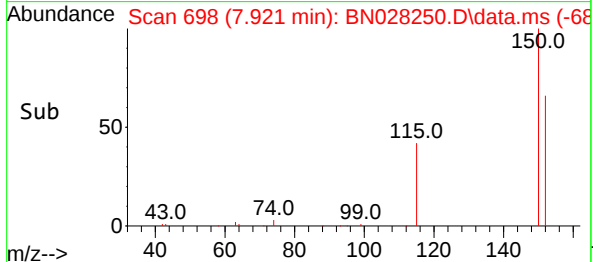
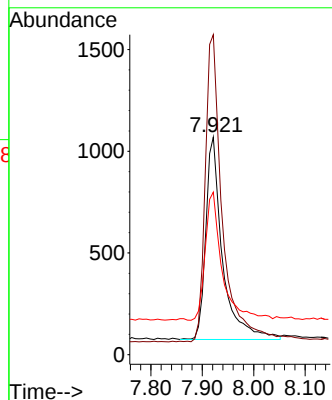
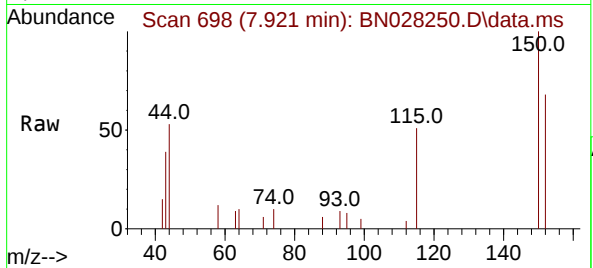


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.921 min Scan# 61
 Delta R.T. -0.001 min
 Lab File: BN028250.D
 Acq: 12 Oct 2023 02:15

Instrument :
 BNA_N
 ClientSampleId :
 PB156272BL

Tgt Ion:152 Resp: 2262

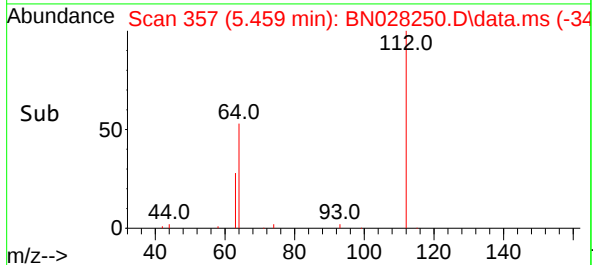
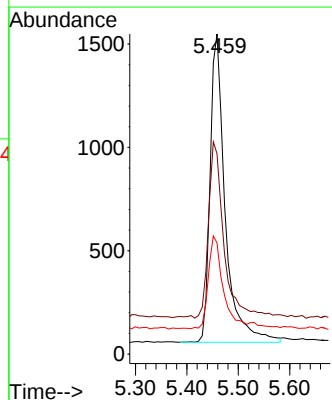
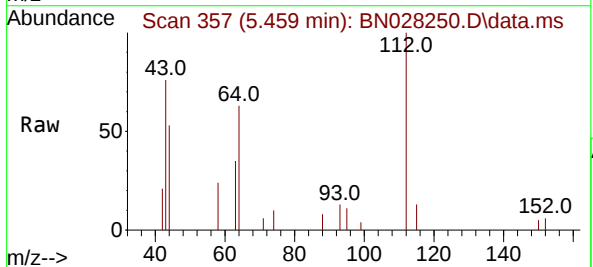
Ion	Ratio	Lower	Upper
152	100		
150	147.0	125.6	188.4
115	74.7	54.8	82.2



#4
 2-Fluorophenol
 Concen: 0.451 ng
 RT: 5.459 min Scan# 357
 Delta R.T. -0.007 min
 Lab File: BN028250.D
 Acq: 12 Oct 2023 02:15

Tgt Ion:112 Resp: 3042

Ion	Ratio	Lower	Upper
112	100		
64	57.1	45.0	67.6
63	29.2	23.4	35.0

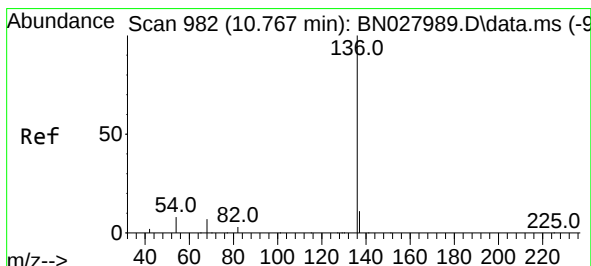
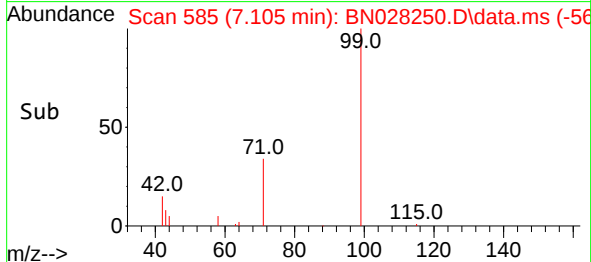
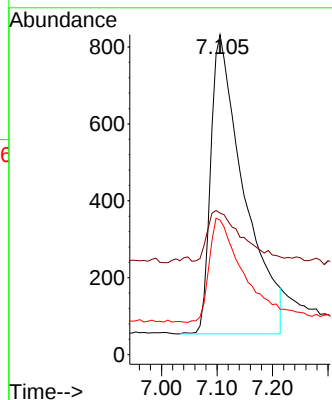
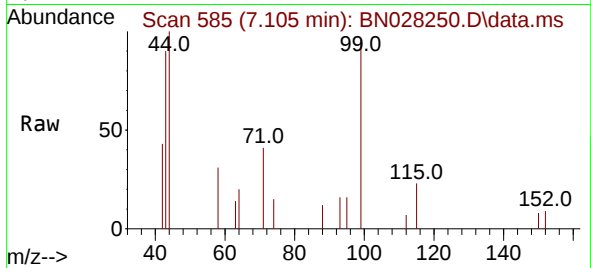




#5
Phenol-d6
Concen: 0.379 ng
RT: 7.105 min Scan# 585
Delta R.T. 0.014 min
Lab File: BN028250.D
Acq: 12 Oct 2023 02:15

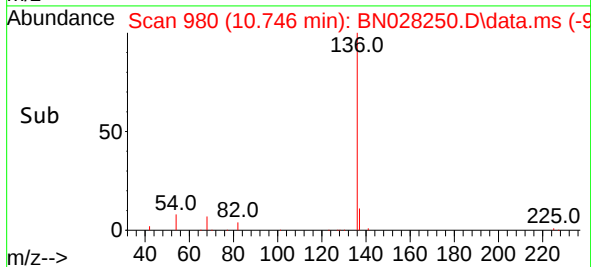
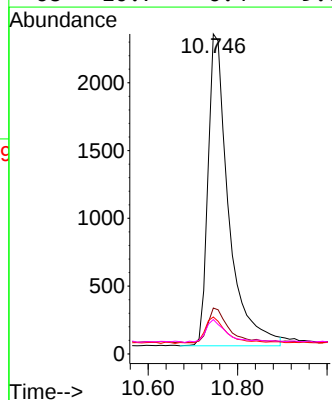
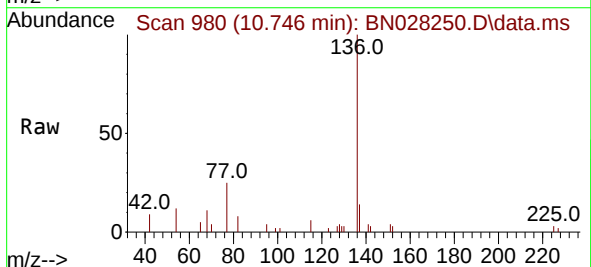
Instrument :
BNA_N
ClientSampleId :
PB156272BL

Tgt Ion: 99	Resp: 3229
Ion Ratio	Lower Upper
99 100	
42 17.5	14.6 22.0
71 35.4	28.3 42.5



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.746 min Scan# 980
Delta R.T. 0.010 min
Lab File: BN028250.D
Acq: 12 Oct 2023 02:15

Tgt	Ion:136	Resp:	7359
Ion	Ratio	Lower	Upper
136	100		
137	14.4	9.4	14.0#
54	11.5	7.0	10.6#
68	10.7	6.4	9.6#

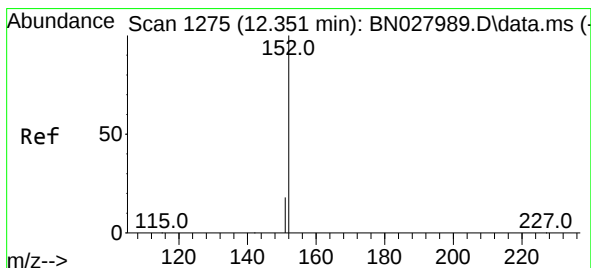
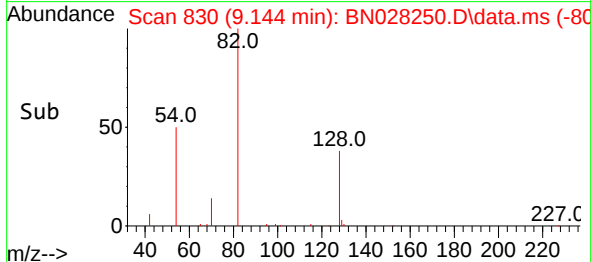
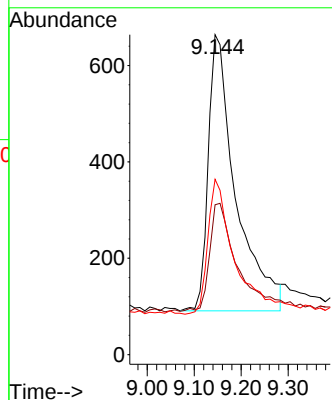
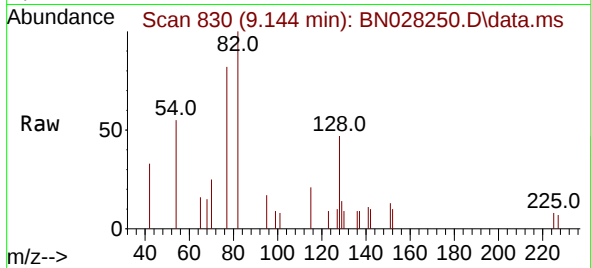




#8
Nitrobenzene-d5
Concen: 0.372 ng
RT: 9.144 min Scan# 81
Delta R.T. 0.021 min
Lab File: BN028250.D
Acq: 12 Oct 2023 02:15

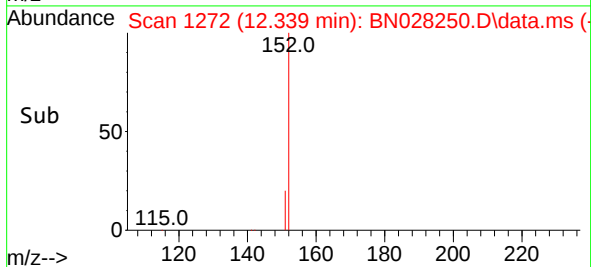
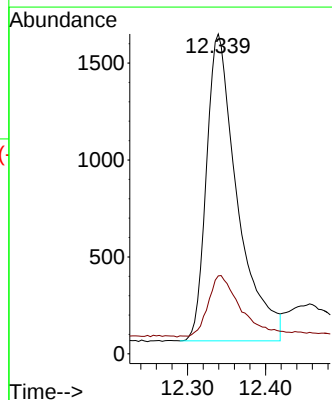
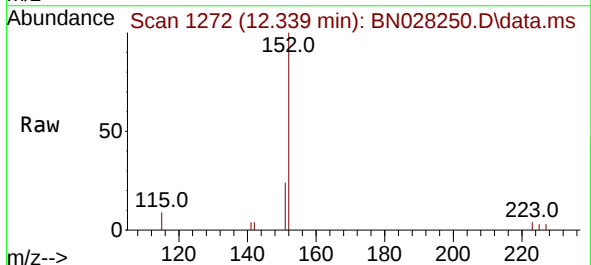
Instrument :
BNA_N
ClientSampleId :
PB156272BL

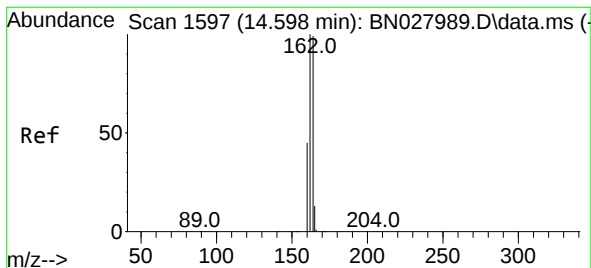
Tgt Ion: 82 Resp: 2332
Ion Ratio Lower Upper
82 100
128 46.8 32.7 49.1
54 54.8 38.7 58.1



#11
2-Methylnaphthalene-d10
Concen: 0.400 ng
RT: 12.339 min Scan# 1272
Delta R.T. 0.015 min
Lab File: BN028250.D
Acq: 12 Oct 2023 02:15

Tgt Ion: 152 Resp: 4359
Ion Ratio Lower Upper
152 100
151 21.8 16.5 24.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.565 min Scan# 1594

Delta R.T. -0.000 min

Lab File: BN028250.D

Acq: 12 Oct 2023 02:15

Instrument :

BNA_N

ClientSampleId :

PB156272BL

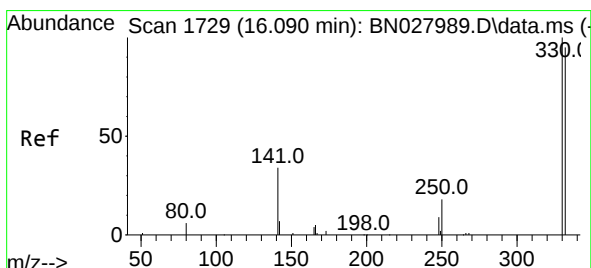
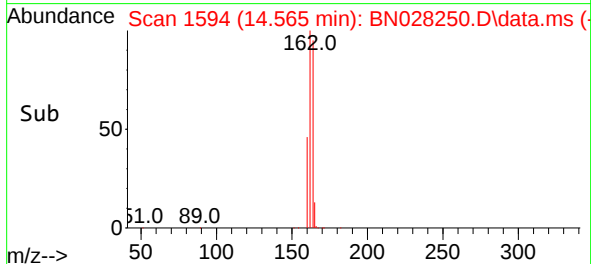
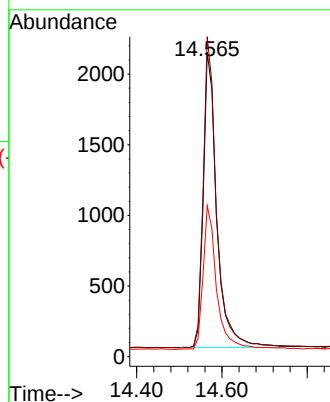
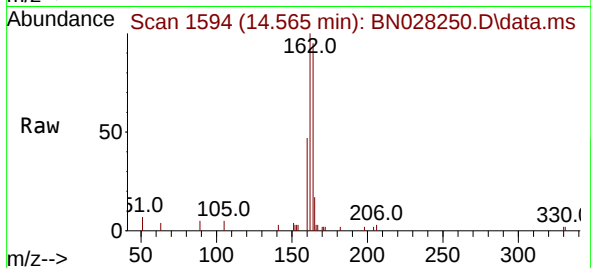
Tgt Ion:164 Resp: 4589

Ion Ratio Lower Upper

164 100

162 105.2 80.8 121.2

160 49.6 36.4 54.6



#14

2,4,6-Tribromophenol

Concen: 0.406 ng

RT: 16.090 min Scan# 1729

Delta R.T. 0.012 min

Lab File: BN028250.D

Acq: 12 Oct 2023 02:15

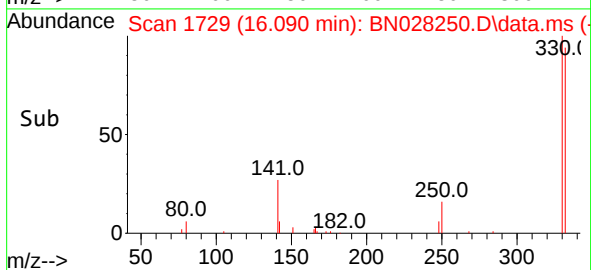
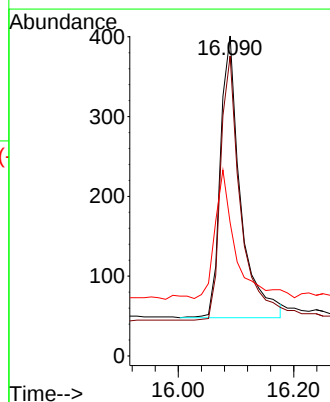
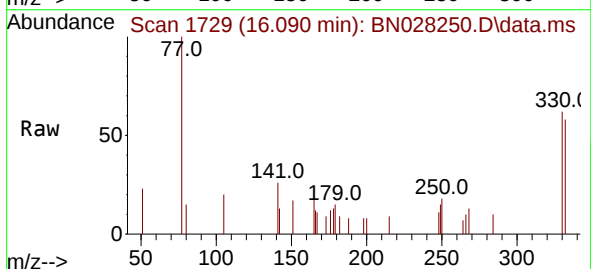
Tgt Ion:330 Resp: 853

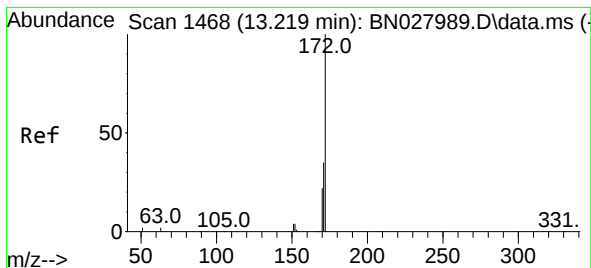
Ion Ratio Lower Upper

330 100

332 93.9 78.1 117.1

141 44.3 33.4 50.2





#15

2-Fluorobiphenyl

Concen: 0.373 ng

RT: 13.197 min Scan# 1466

Delta R.T. 0.010 min

Lab File: BN028250.D

Acq: 12 Oct 2023 02:15

Instrument :

BNA_N

ClientSampleId :

PB156272BL

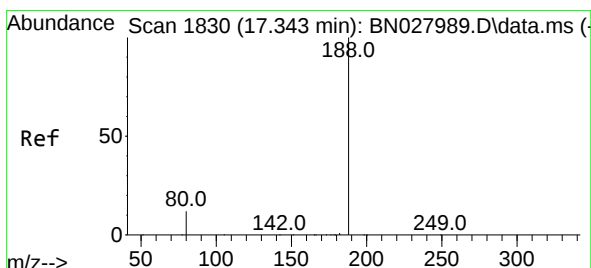
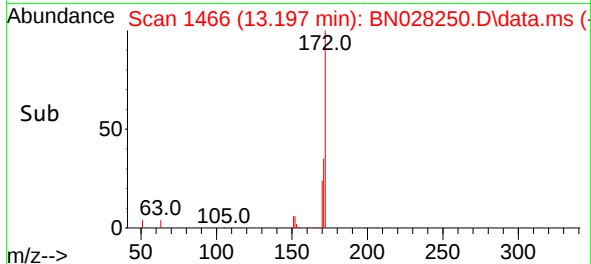
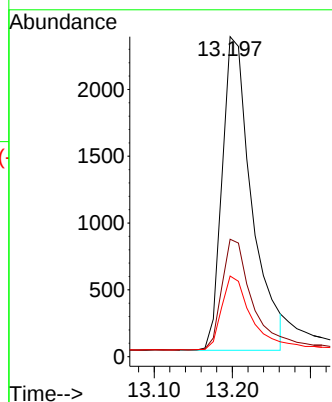
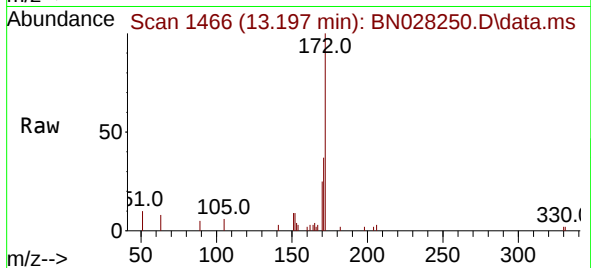
Tgt Ion:172 Resp: 6177

Ion Ratio Lower Upper

172 100

171 36.7 28.1 42.1

170 25.2 18.4 27.6



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.331 min Scan# 1829

Delta R.T. 0.012 min

Lab File: BN028250.D

Acq: 12 Oct 2023 02:15

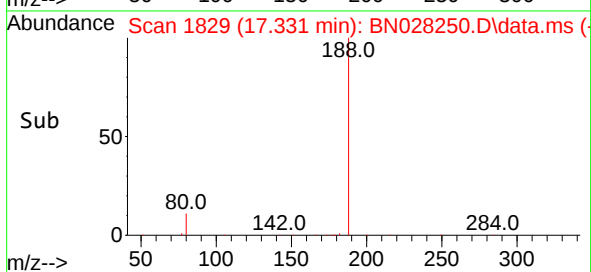
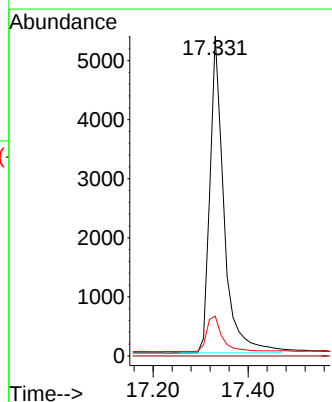
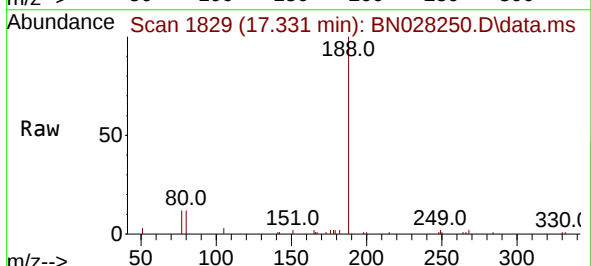
Tgt Ion:188 Resp: 11072

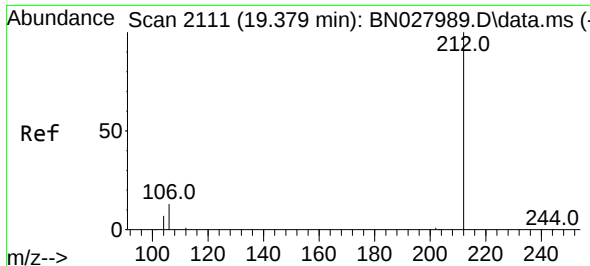
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.5 10.2 15.4

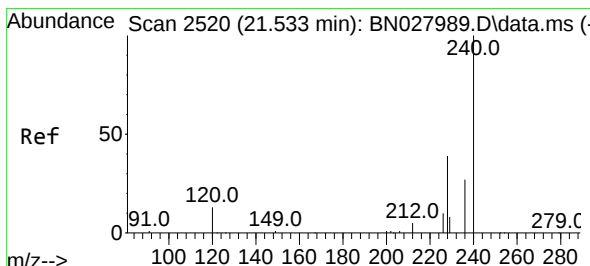
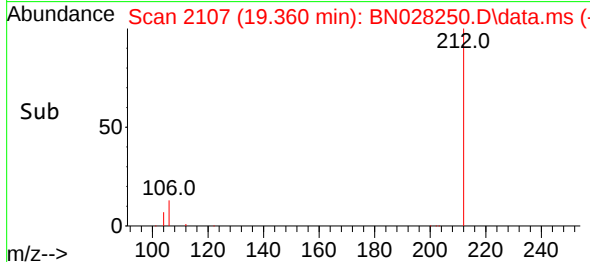
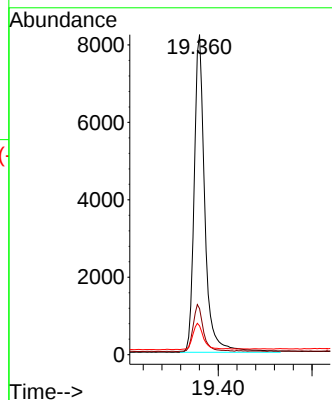
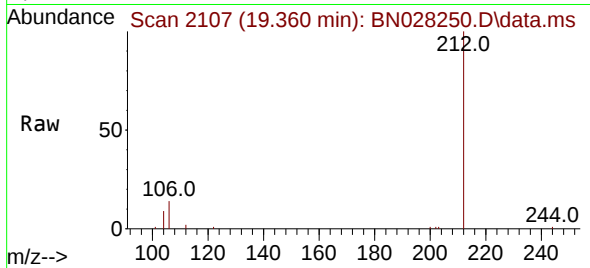




#27
Fluoranthene-d10
Concen: 0.465 ng
RT: 19.360 min Scan# 2111
Delta R.T. 0.004 min
Lab File: BN028250.D
Acq: 12 Oct 2023 02:15

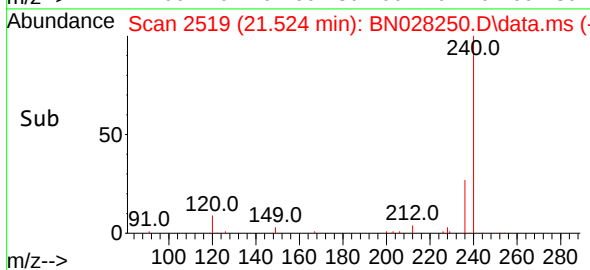
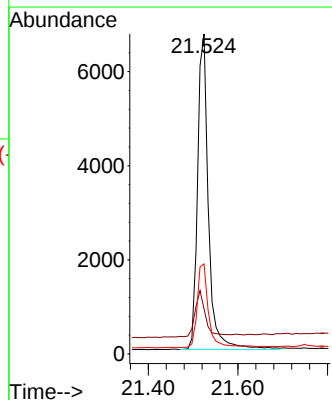
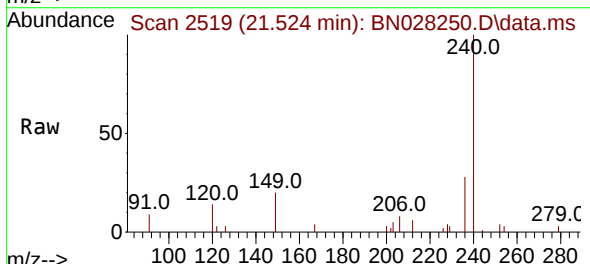
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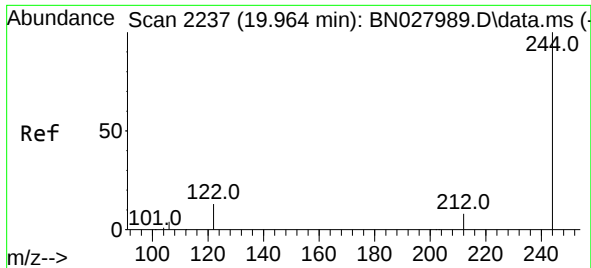
Tgt Ion:212 Resp: 12939
Ion Ratio Lower Upper
212 100
106 14.4 11.3 16.9
104 8.3 6.4 9.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.524 min Scan# 2519
Delta R.T. 0.009 min
Lab File: BN028250.D
Acq: 12 Oct 2023 02:15

Tgt Ion:240 Resp: 11302
Ion Ratio Lower Upper
240 100
120 14.1 13.8 20.6
236 28.1 22.6 33.8

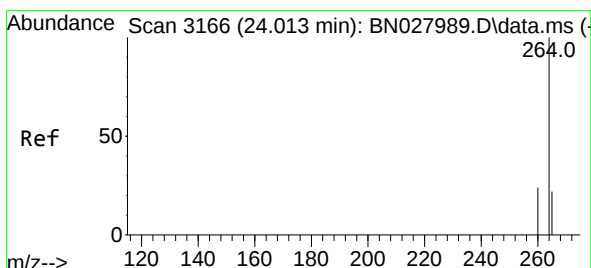
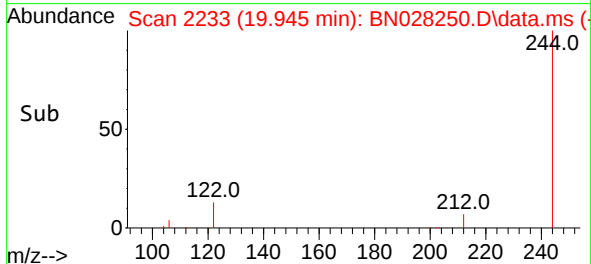
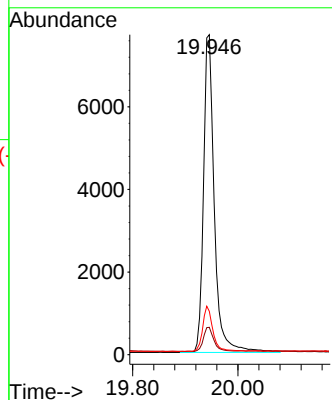
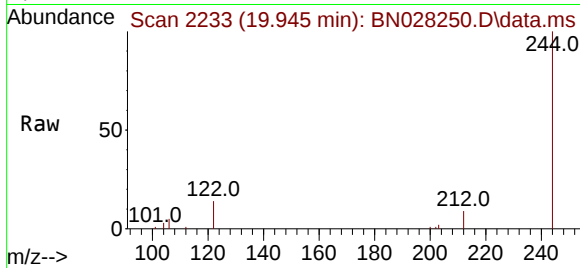




#31
 Terphenyl-d14
 Concen: 0.417 ng
 RT: 19.945 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: BN028250.D
 Acq: 12 Oct 2023 02:15

Instrument :
 BNA_N
 ClientSampleId :
 PB156272BL

Tgt Ion:244 Resp: 11006
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.6 9.8
 122 13.5 11.4 17.0



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.990 min Scan# 3158
 Delta R.T. 0.014 min
 Lab File: BN028250.D
 Acq: 12 Oct 2023 02:15

Tgt Ion:264 Resp: 8523
 Ion Ratio Lower Upper
 264 100
 260 28.4 20.2 30.4
 265 81.8 54.8 82.2

