

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091323\
 Data File : BN027611.D
 Acq On : 12 Sep 2023 15:41
 Operator : MA/JU
 Sample : PB155426BL
 Misc :
 ALS Vial : 113 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB155426BL

Quant Time: Sep 12 16:53:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:45:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.037	152	5025	0.400	ng	0.00
7) Naphthalene-d8	10.853	136	12840	0.400	ng	0.00
13) Acenaphthene-d10	14.662	164	5791	0.400	ng	0.00
19) Phenanthrene-d10	17.418	188	11586	0.400	ng	0.01
29) Chrysene-d12	21.596	240	8408	0.400	ng	0.00
35) Perylene-d12	24.107	264	7819	0.400	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.574	112	5892	0.450	ng	0.00
5) Phenol-d6	7.185	99	6071	0.381	ng	0.00
8) Nitrobenzene-d5	9.230	82	5095	0.544	ng	0.00
11) 2-Methylnaphthalene-d10	12.434	152	7456	0.395	ng	0.00
14) 2,4,6-Tribromophenol	16.177	330	614	0.286	ng	0.02
15) 2-Fluorobiphenyl	13.293	172	11346	0.515	ng	0.00
27) Fluoranthene-d10	19.439	212	12180	0.423	ng	0.00
31) Terphenyl-d14	20.025	244	10593	0.627	ng	0.00

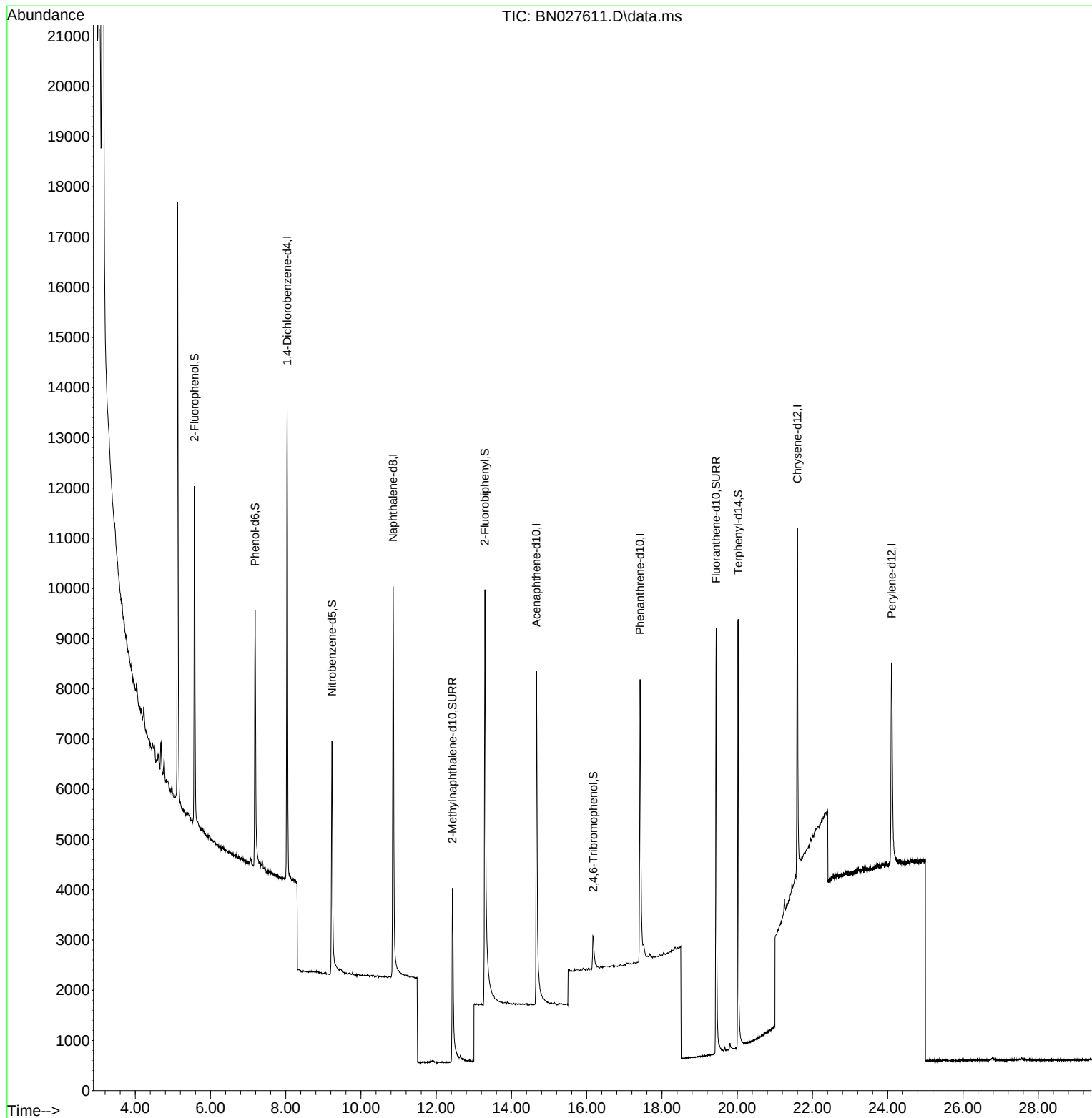
Target Compounds Qvalue

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

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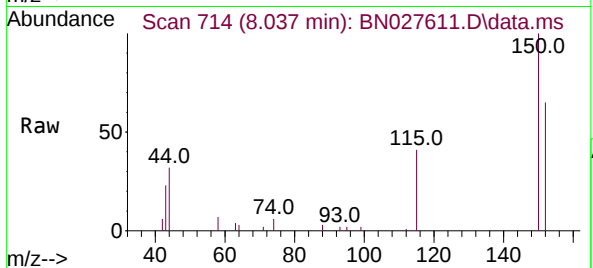
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
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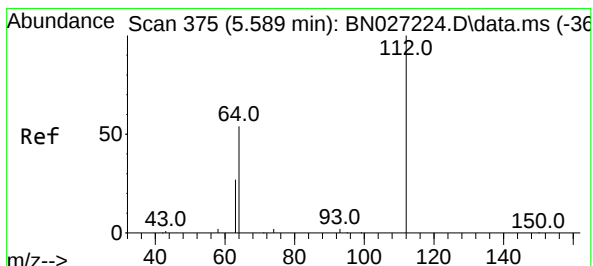
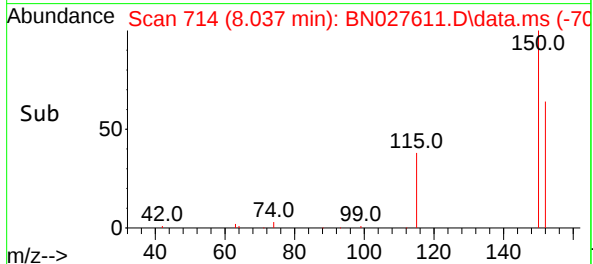
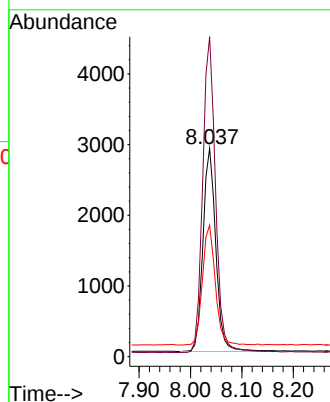


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.037 min Scan# 719
Delta R.T. 0.000 min
Lab File: BN027611.D
Acq: 12 Sep 2023 15:41

Instrument :
BNA_N
ClientSampleId :
PB155426BL

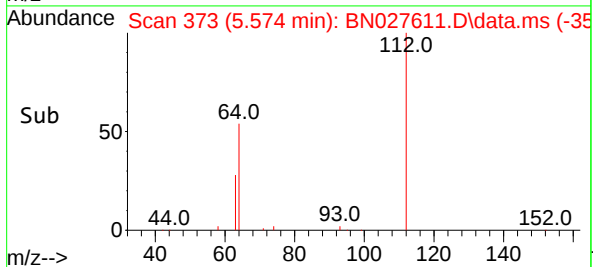
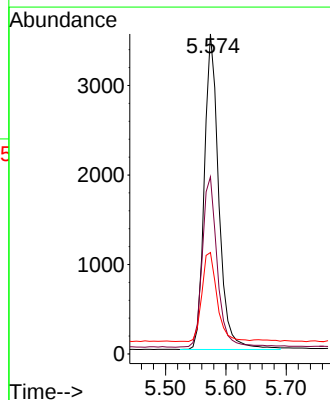
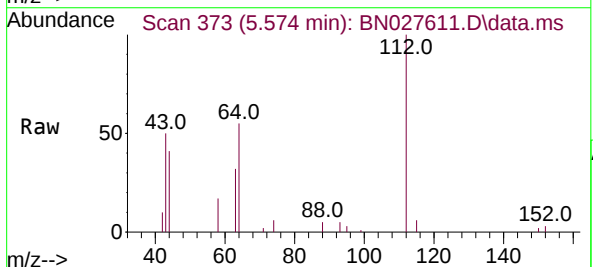


Tgt Ion:152 Resp: 5025
Ion Ratio Lower Upper
152 100
150 153.7 122.7 184.1
115 63.1 48.6 73.0



#4
2-Fluorophenol
Concen: 0.450 ng
RT: 5.574 min Scan# 373
Delta R.T. 0.000 min
Lab File: BN027611.D
Acq: 12 Sep 2023 15:41

Tgt Ion:112 Resp: 5892
Ion Ratio Lower Upper
112 100
64 56.1 44.4 66.6
63 29.4 23.1 34.7

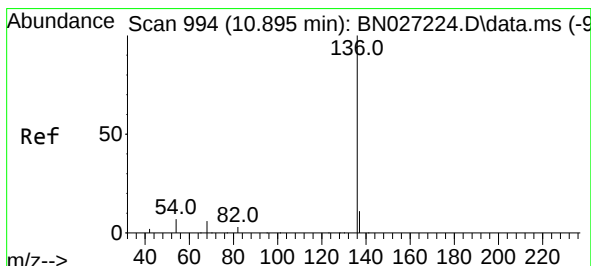
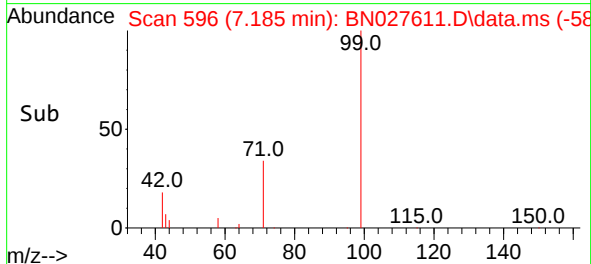
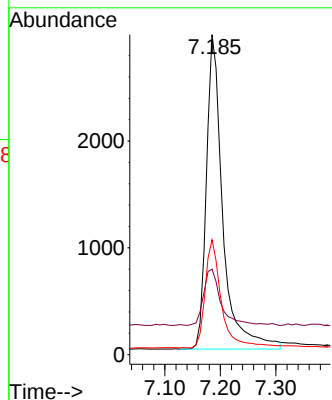
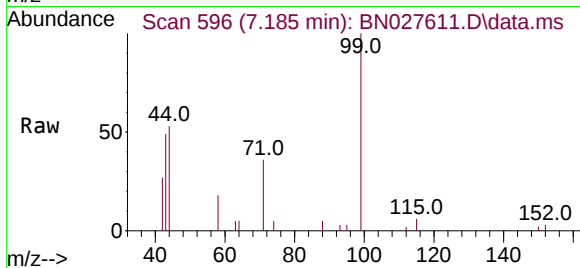




#5
Phenol-d6
Concen: 0.381 ng
RT: 7.185 min Scan# 599
Delta R.T. 0.000 min
Lab File: BN027611.D
Acq: 12 Sep 2023 15:41

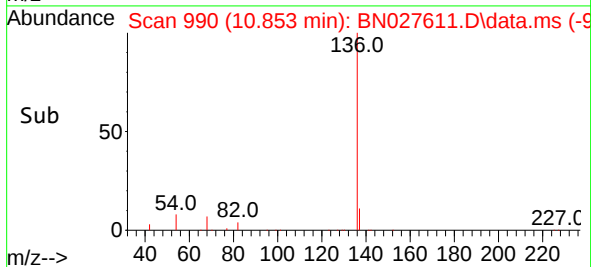
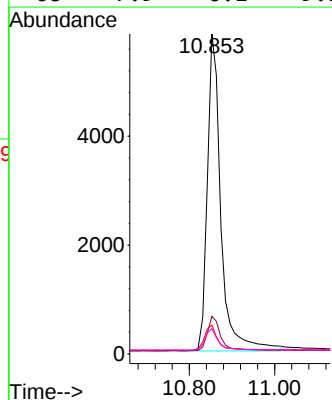
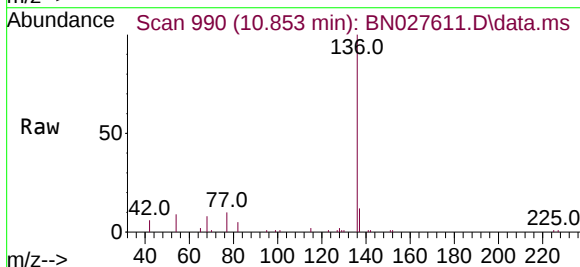
Instrument :
BNA_N
ClientSampleId :
PB155426BL

Tgt Ion: 99 Resp: 6071
Ion Ratio Lower Upper
99 100
42 19.1 14.5 21.7
71 34.0 25.8 38.6



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.853 min Scan# 990
Delta R.T. 0.000 min
Lab File: BN027611.D
Acq: 12 Sep 2023 15:41

Tgt Ion: 136 Resp: 12840
Ion Ratio Lower Upper
136 100
137 11.7 9.3 13.9
54 9.0 6.7 10.1
68 7.9 6.1 9.1

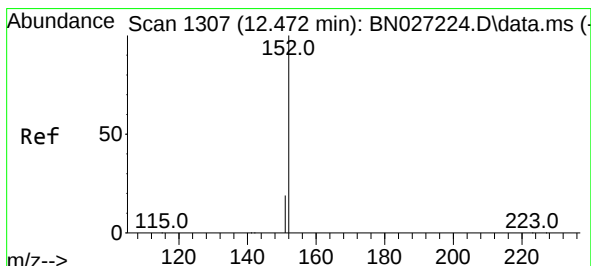
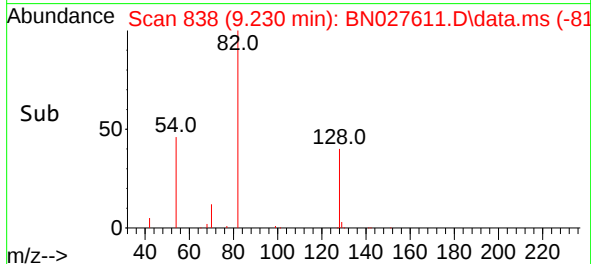
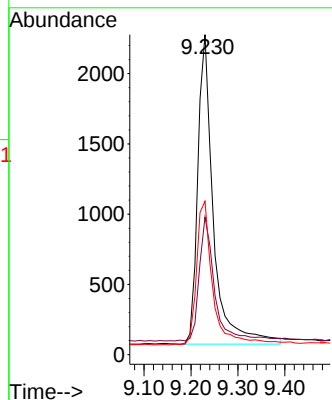
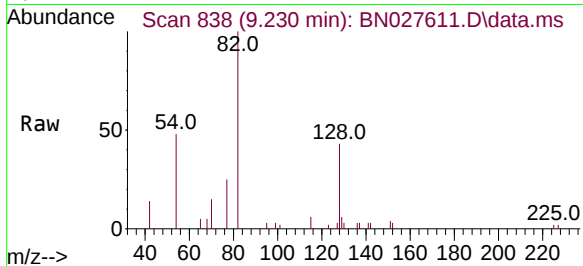




#8
Nitrobenzene-d5
Concen: 0.544 ng
RT: 9.230 min Scan# 81
Delta R.T. 0.000 min
Lab File: BN027611.D
Acq: 12 Sep 2023 15:41

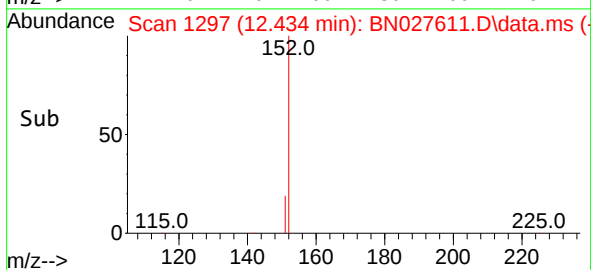
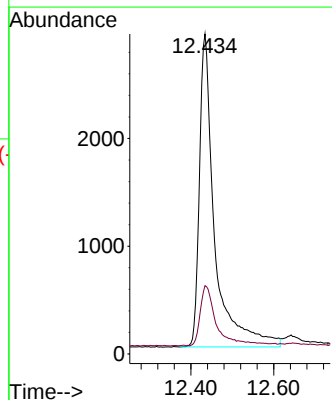
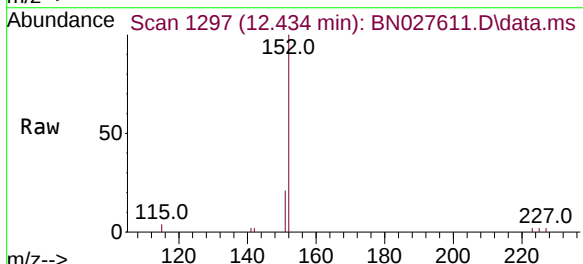
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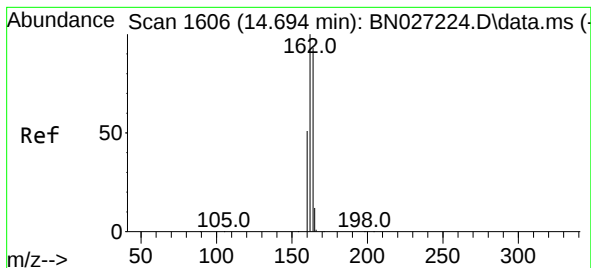
Tgt Ion: 82 Resp: 5095
Ion Ratio Lower Upper
82 100
128 43.0 33.4 50.0
54 48.0 37.7 56.5



#11
2-Methylnaphthalene-d10
Concen: 0.395 ng
RT: 12.434 min Scan# 1297
Delta R.T. 0.004 min
Lab File: BN027611.D
Acq: 12 Sep 2023 15:41

Tgt Ion: 152 Resp: 7456
Ion Ratio Lower Upper
152 100
151 19.4 16.6 25.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.662 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN027611.D

Acq: 12 Sep 2023 15:41

Instrument :

BNA_N

ClientSampleId :

PB155426BL

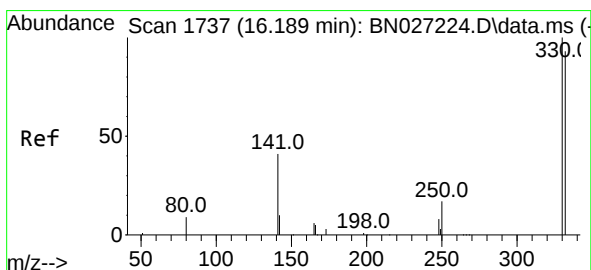
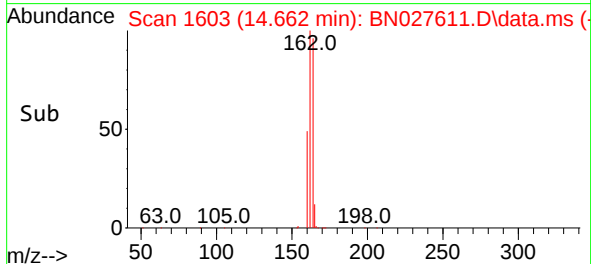
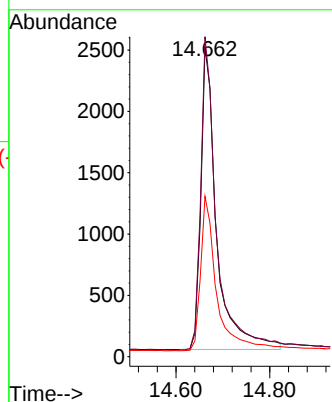
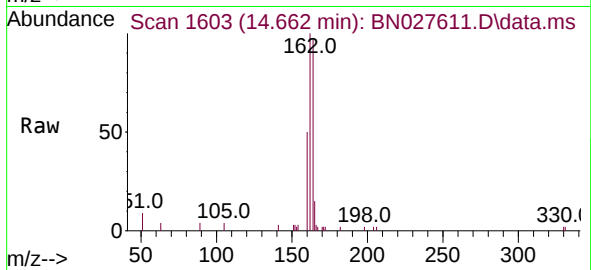
Tgt Ion:164 Resp: 5791

Ion Ratio Lower Upper

164 100

162 103.5 85.8 128.8

160 51.8 44.2 66.2



#14

2,4,6-Tribromophenol

Concen: 0.286 ng

RT: 16.177 min Scan# 1736

Delta R.T. 0.025 min

Lab File: BN027611.D

Acq: 12 Sep 2023 15:41

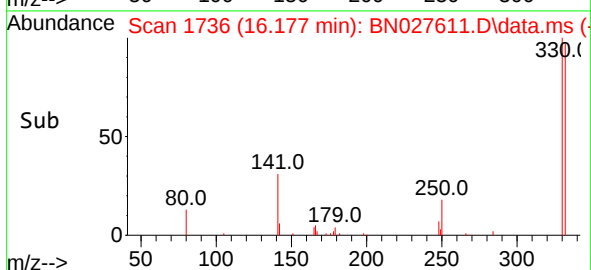
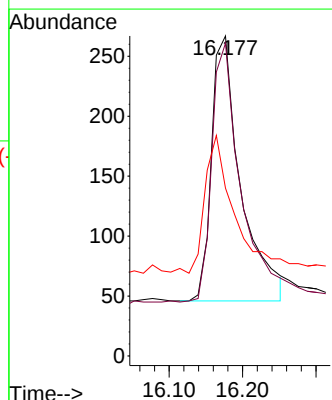
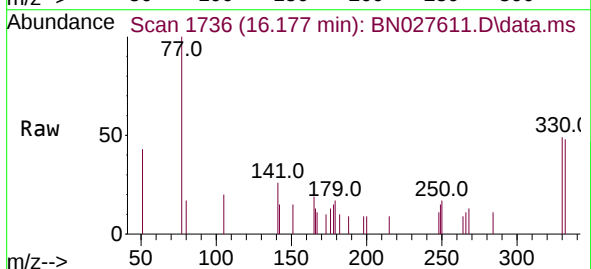
Tgt Ion:330 Resp: 614

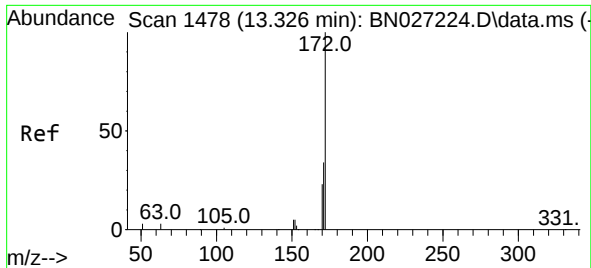
Ion Ratio Lower Upper

330 100

332 97.1 75.2 112.8

141 49.3 36.2 54.4

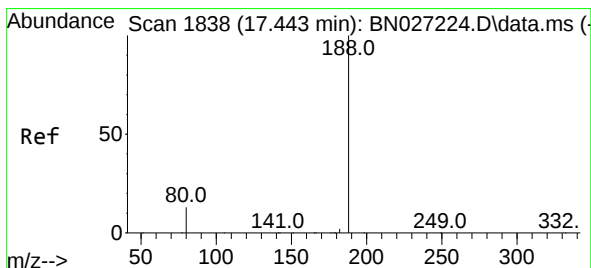
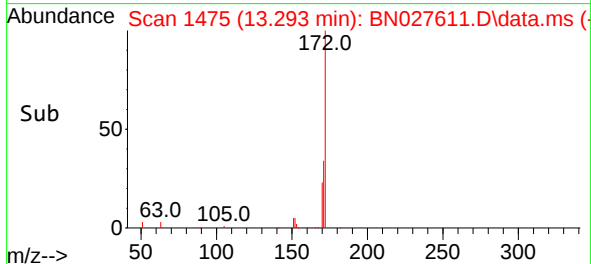
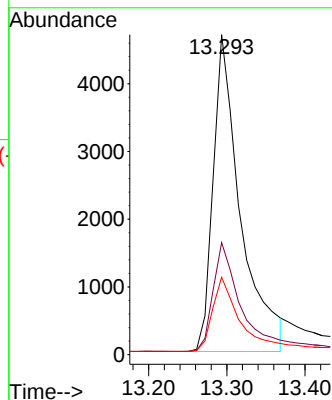
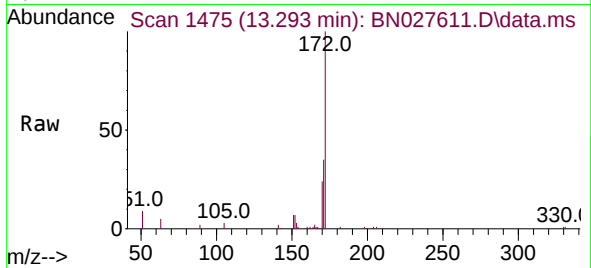




#15
2-Fluorobiphenyl
Concen: 0.515 ng
RT: 13.293 min Scan# 1478
Delta R.T. 0.000 min
Lab File: BN027611.D
Acq: 12 Sep 2023 15:41

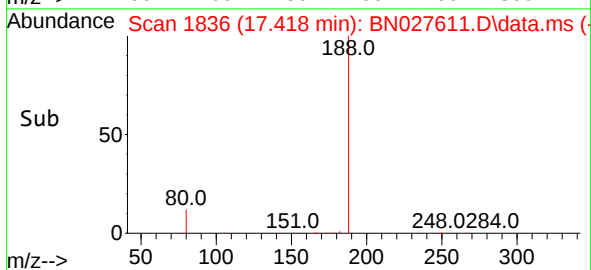
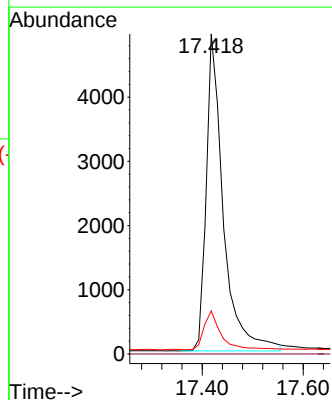
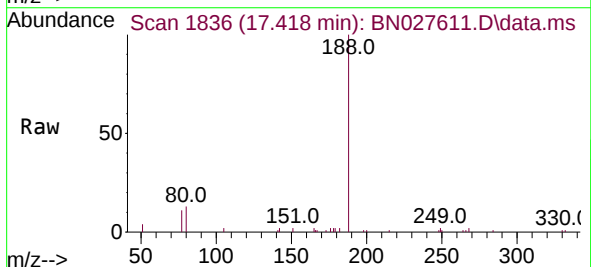
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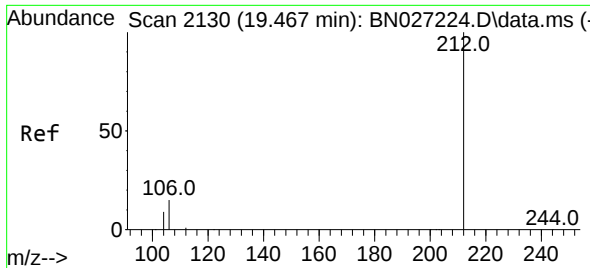
Tgt Ion:172 Resp: 11346
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.8
170 24.2 19.3 28.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.418 min Scan# 1836
Delta R.T. 0.012 min
Lab File: BN027611.D
Acq: 12 Sep 2023 15:41

Tgt Ion:188 Resp: 11586
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.4 11.0 16.6

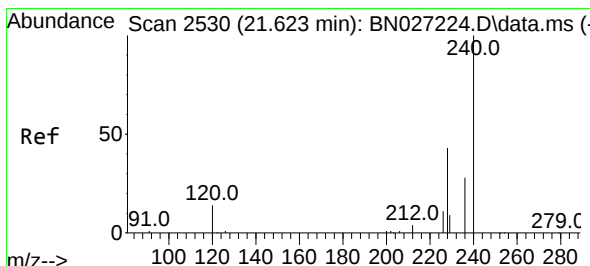
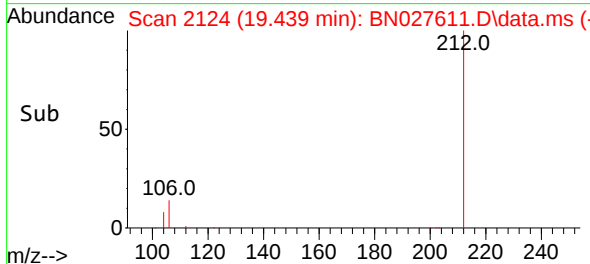
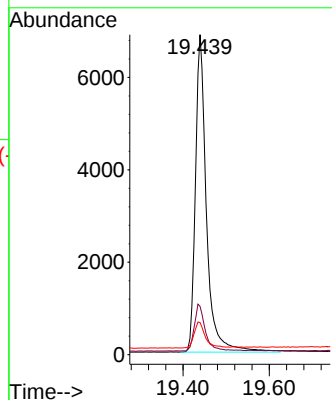
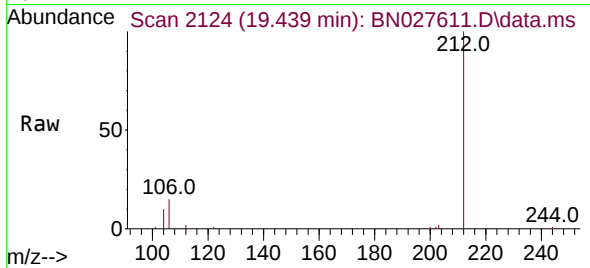




#27
Fluoranthene-d10
Concen: 0.423 ng
RT: 19.439 min Scan# 21
Delta R.T. 0.005 min
Lab File: BN027611.D
Acq: 12 Sep 2023 15:41

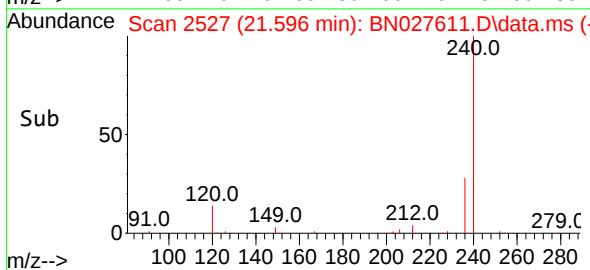
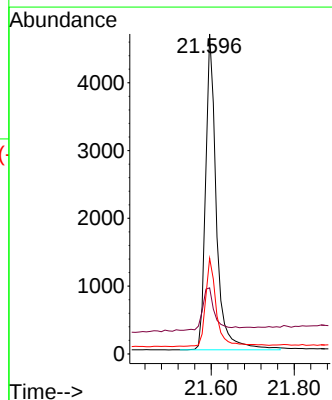
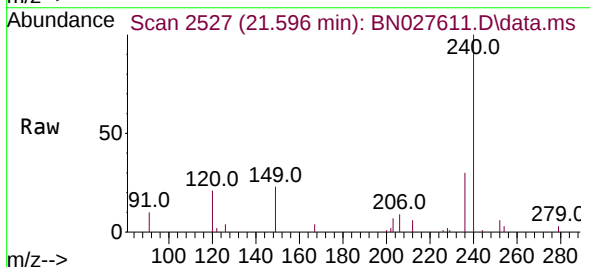
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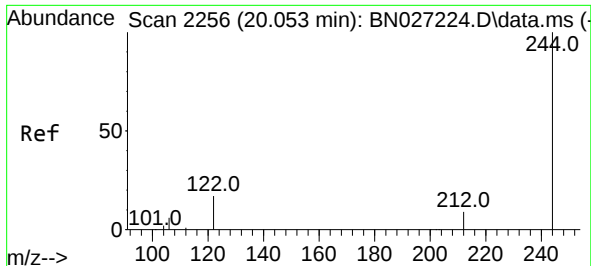
Tgt Ion:212 Resp: 12180
Ion Ratio Lower Upper
212 100
106 14.4 12.1 18.1
104 8.3 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.596 min Scan# 2527
Delta R.T. 0.009 min
Lab File: BN027611.D
Acq: 12 Sep 2023 15:41

Tgt Ion:240 Resp: 8408
Ion Ratio Lower Upper
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120 20.7 14.2 21.4
236 29.9 22.9 34.3

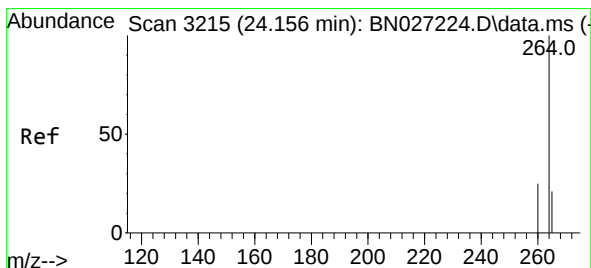
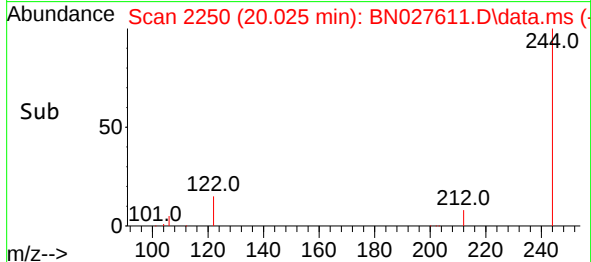
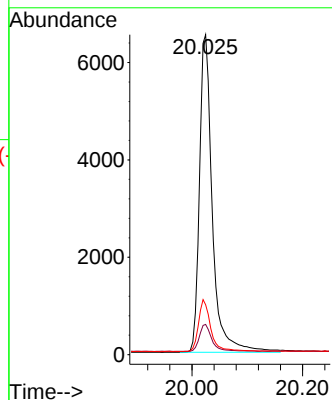
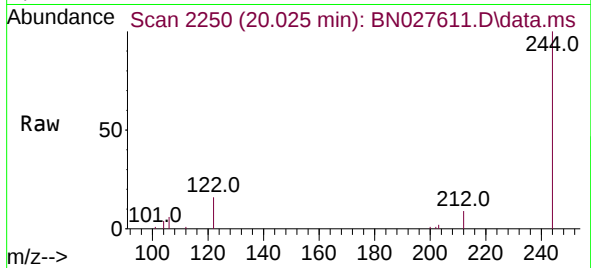




#31
 Terphenyl-d14
 Concen: 0.627 ng
 RT: 20.025 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BN027611.D
 Acq: 12 Sep 2023 15:41

Instrument :
 BNA_N
 ClientSampleId :
 PB155426BL

Tgt Ion:244 Resp: 10593
 Ion Ratio Lower Upper
 244 100
 212 9.4 7.5 11.3
 122 15.6 14.0 21.0



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.107 min Scan# 3198
 Delta R.T. 0.012 min
 Lab File: BN027611.D
 Acq: 12 Sep 2023 15:41

Tgt Ion:264 Resp: 7819
 Ion Ratio Lower Upper
 264 100
 260 26.2 20.7 31.1
 265 116.3 53.3 79.9#

