

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
 Data File : BN035768.D
 Acq On : 21 Dec 2024 07:01
 Operator : RC/JU
 Sample : PB165596BL
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB165596BL

Quant Time: Dec 22 23:48:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 19 23:06:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.265	152	3645	0.400	ng	0.00
7) Naphthalene-d8	10.020	136	8581	0.400	ng	0.00
13) Acenaphthene-d10	13.935	164	5459	0.400	ng	0.00
19) Phenanthrene-d10	16.711	188	9818	0.400	ng	# 0.01
29) Chrysene-d12	20.956	240	8012	0.400	ng	# 0.00
35) Perylene-d12	23.047	264	8427	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.932	112	2929	0.321	ng	0.00
5) Phenol-d6	6.484	99	2676	0.244	ng	0.00
8) Nitrobenzene-d5	8.418	82	2281	0.435	ng	0.01
11) 2-Methylnaphthalene-d10	11.636	152	4780	0.356	ng	0.02
14) 2,4,6-Tribromophenol	15.475	330	375	0.097	ng	0.02
15) 2-Fluorobiphenyl	12.554	172	6850	0.332	ng	0.01
27) Fluoranthene-d10	18.761	212	10958	0.394	ng	0.00
31) Terphenyl-d14	19.393	244	9013	0.570	ng	0.00

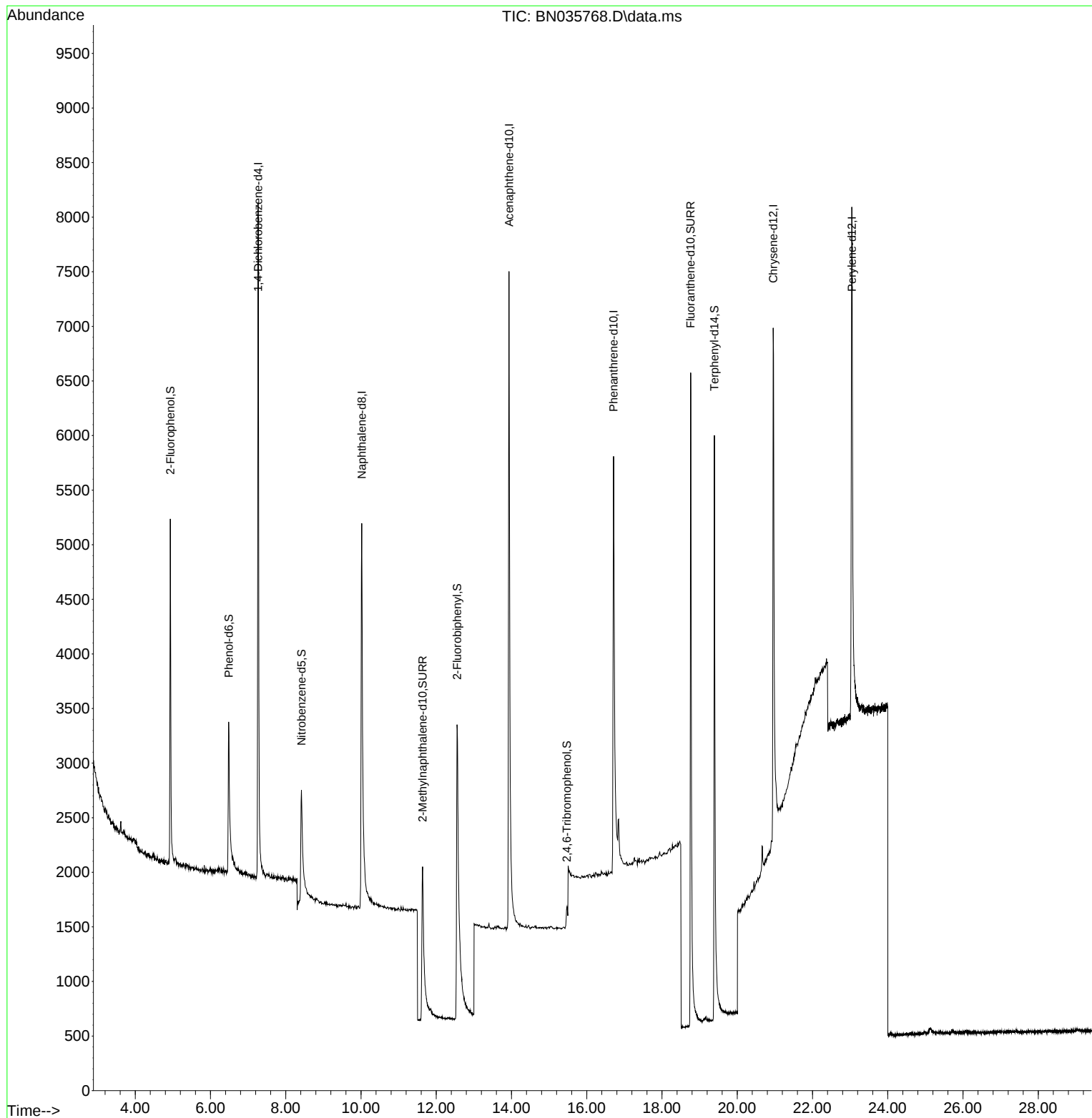
Target Compounds Qvalue

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

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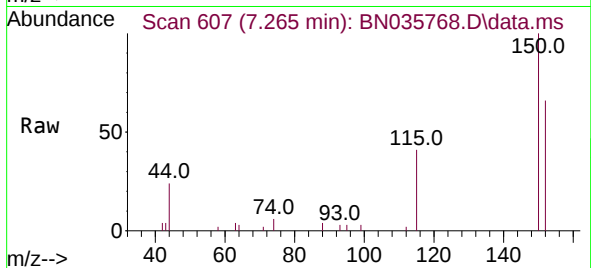
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
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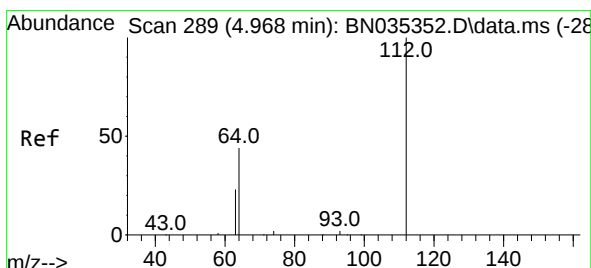
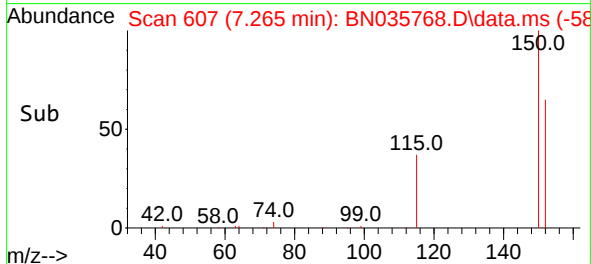
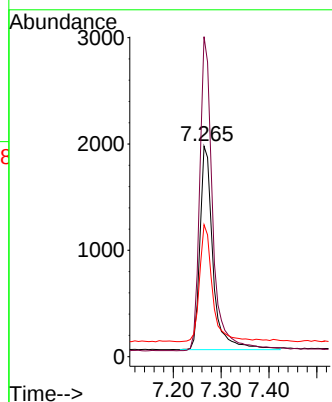


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.265 min Scan# 613
Delta R.T. -0.008 min
Lab File: BN035768.D
Acq: 21 Dec 2024 07:01

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ClientSampleId :
PB165596BL

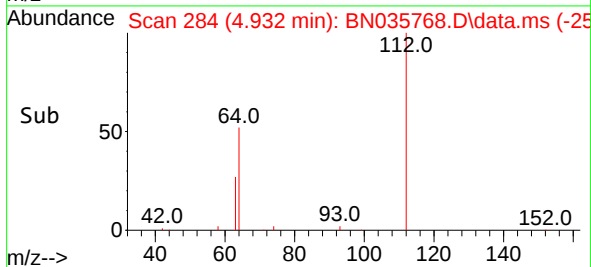
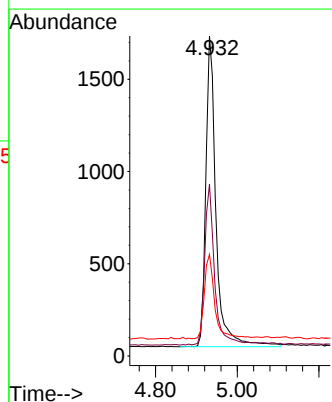
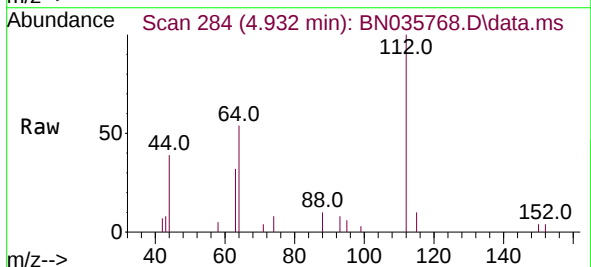


Tgt Ion:152 Resp: 3645
Ion Ratio Lower Upper
152 100
150 152.0 124.0 186.0
115 62.8 49.6 74.4



#4
2-Fluorophenol
Concen: 0.321 ng
RT: 4.932 min Scan# 284
Delta R.T. -0.007 min
Lab File: BN035768.D
Acq: 21 Dec 2024 07:01

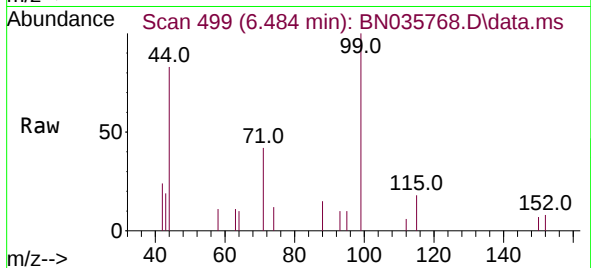
Tgt Ion:112 Resp: 2929
Ion Ratio Lower Upper
112 100
64 51.4 39.8 59.8
63 27.4 21.0 31.6



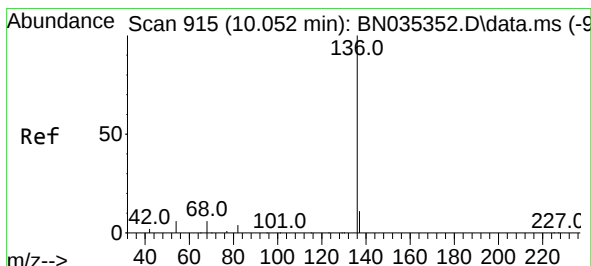
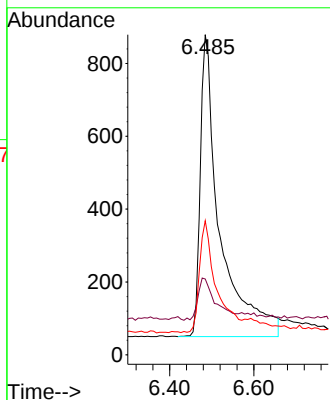
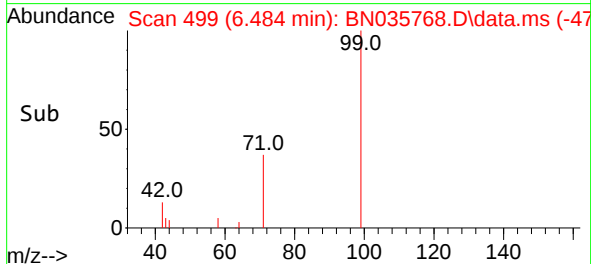


#5
Phenol-d6
Concen: 0.244 ng
RT: 6.484 min Scan# 499
Delta R.T. -0.007 min
Lab File: BN035768.D
Acq: 21 Dec 2024 07:01

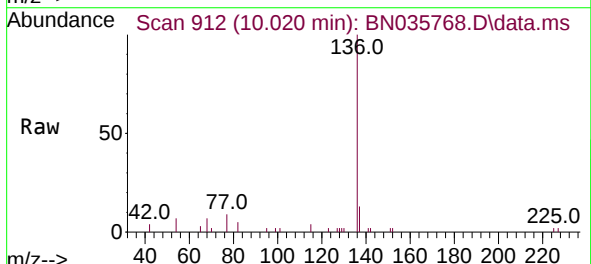
Instrument :
BNA_N
ClientSampleId :
PB165596BL



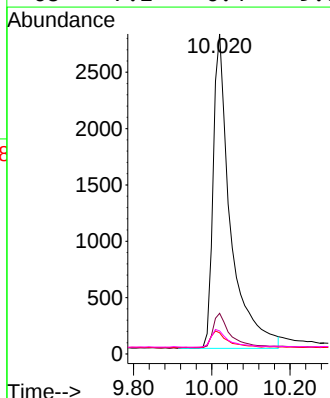
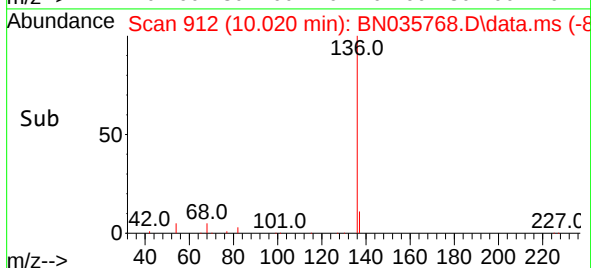
Tgt Ion:	99	Resp:	2676
Ion	Ratio	Lower	Upper
99	100		
42	12.6	11.4	17.2
71	31.9	29.3	43.9



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.020 min Scan# 912
Delta R.T. 0.000 min
Lab File: BN035768.D
Acq: 21 Dec 2024 07:01



Tgt Ion:	136	Resp:	8581
Ion	Ratio	Lower	Upper
136	100		
137	12.7	10.2	15.2
54	6.6	6.1	9.1
68	7.2	6.4	9.6

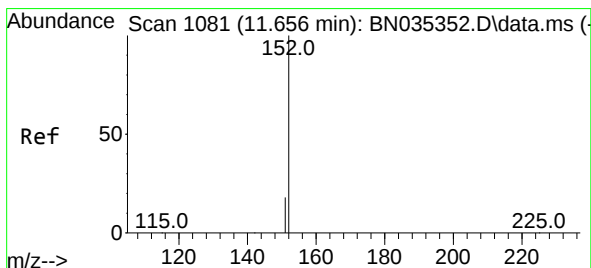
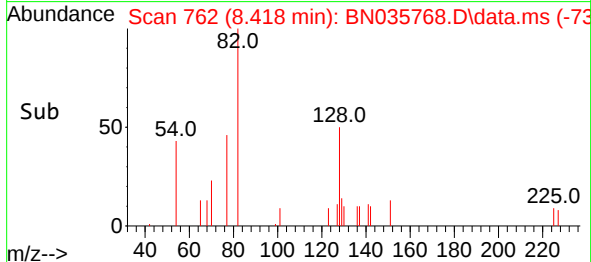
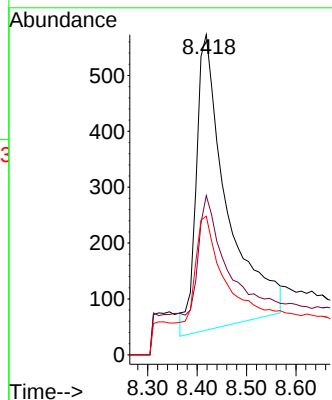
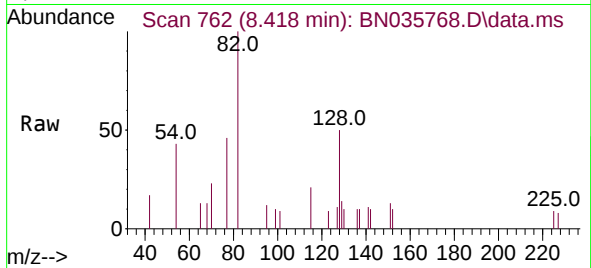




#8
Nitrobenzene-d5
Concen: 0.435 ng
RT: 8.418 min Scan# 70
Delta R.T. 0.011 min
Lab File: BN035768.D
Acq: 21 Dec 2024 07:01

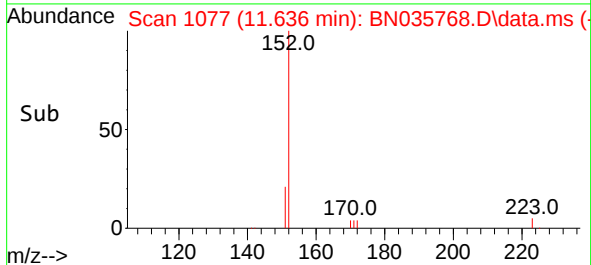
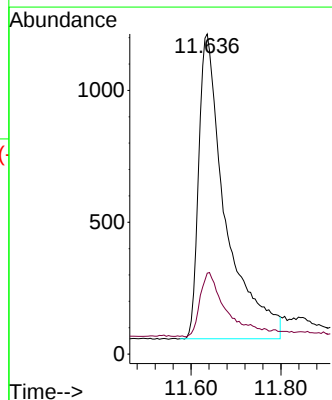
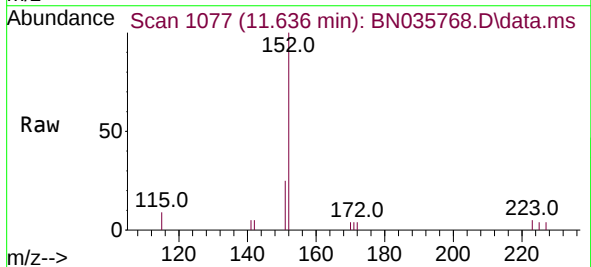
Instrument :
BNA_N
ClientSampleId :
PB165596BL

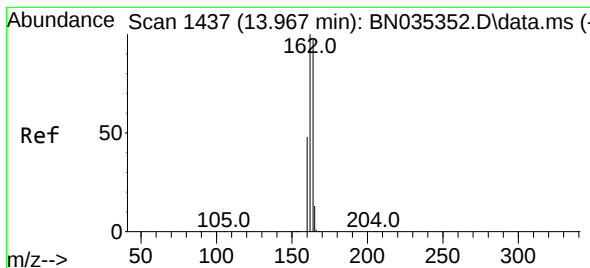
Tgt Ion: 82 Resp: 2281
Ion Ratio Lower Upper
82 100
128 49.7 33.4 50.0
54 43.3 36.7 55.1



#11
2-Methylnaphthalene-d10
Concen: 0.356 ng
RT: 11.636 min Scan# 1077
Delta R.T. 0.015 min
Lab File: BN035768.D
Acq: 21 Dec 2024 07:01

Tgt Ion: 152 Resp: 4780
Ion Ratio Lower Upper
152 100
151 20.7 16.6 25.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 13.935 min Scan# 14

Delta R.T. -0.000 min

Lab File: BN035768.D

Acq: 21 Dec 2024 07:01

Instrument :

BNA_N

ClientSampleId :

PB165596BL

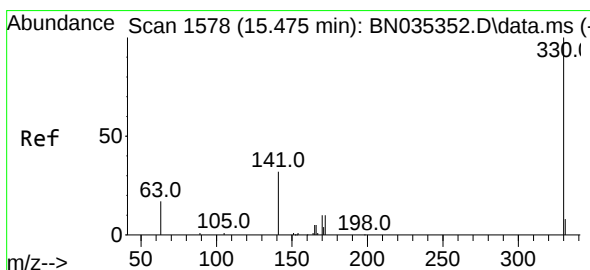
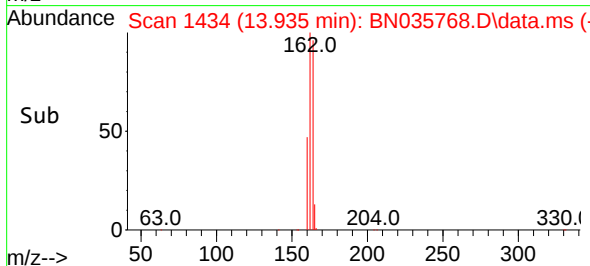
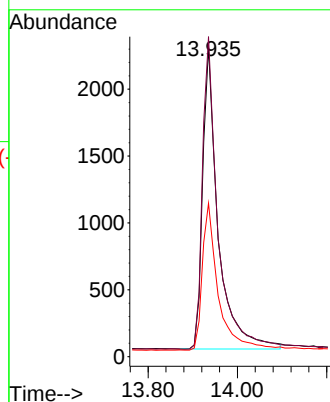
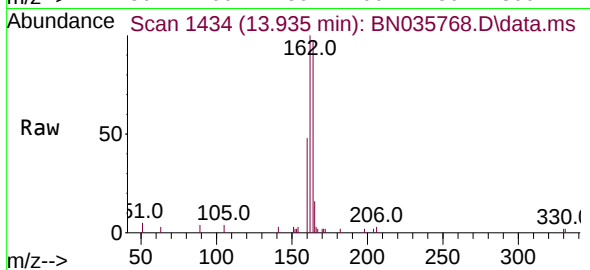
Tgt Ion:164 Resp: 5459

Ion Ratio Lower Upper

164 100

162 103.5 82.2 123.2

160 49.6 40.1 60.1



#14

2,4,6-Tribromophenol

Concen: 0.097 ng

RT: 15.475 min Scan# 1578

Delta R.T. 0.021 min

Lab File: BN035768.D

Acq: 21 Dec 2024 07:01

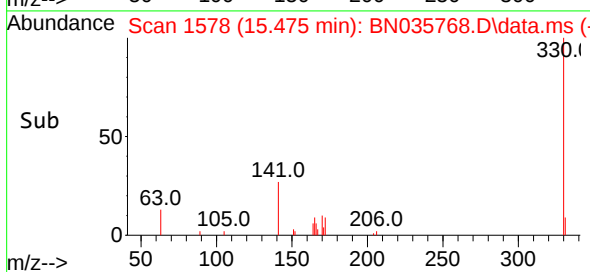
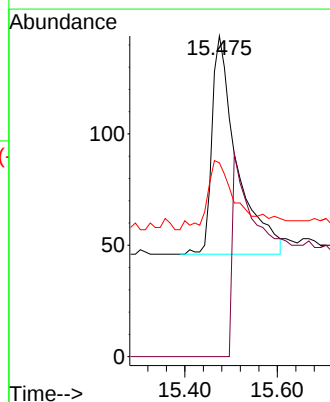
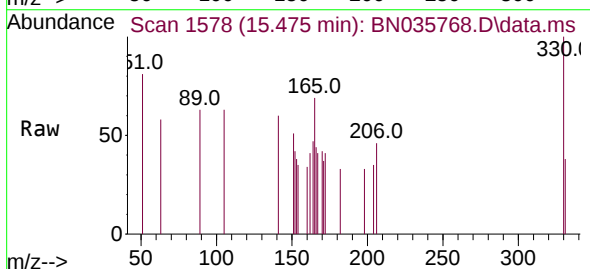
Tgt Ion:330 Resp: 375

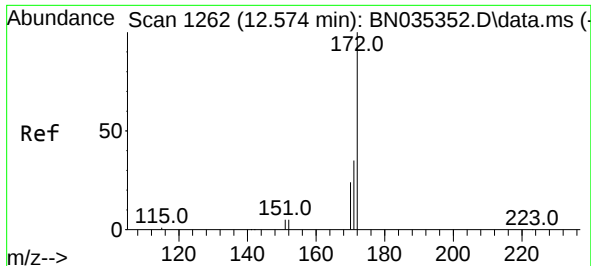
Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 33.9 26.6 40.0

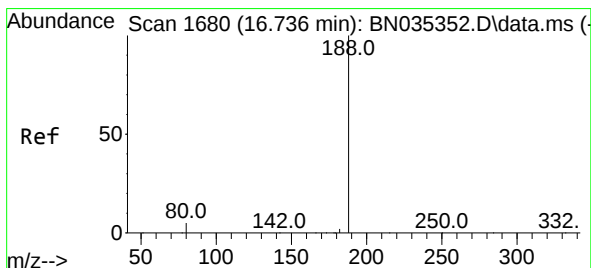
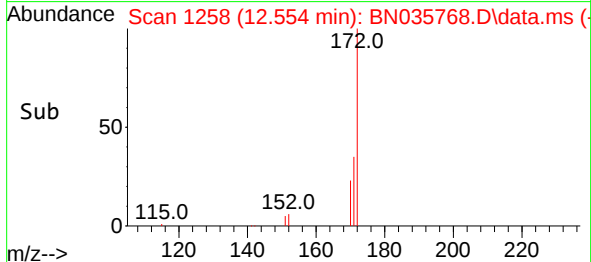
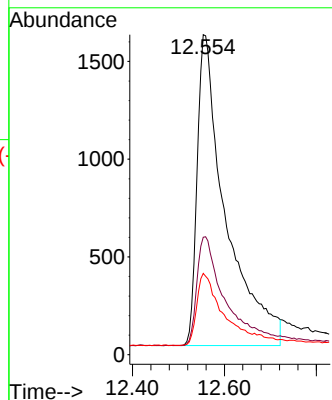
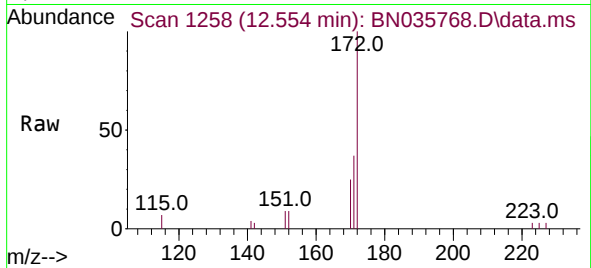




#15
2-Fluorobiphenyl
Concen: 0.332 ng
RT: 12.554 min Scan# 11
Delta R.T. 0.010 min
Lab File: BN035768.D
Acq: 21 Dec 2024 07:01

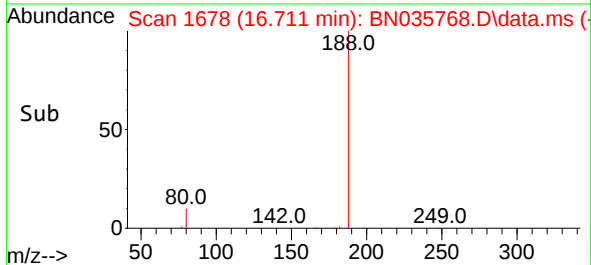
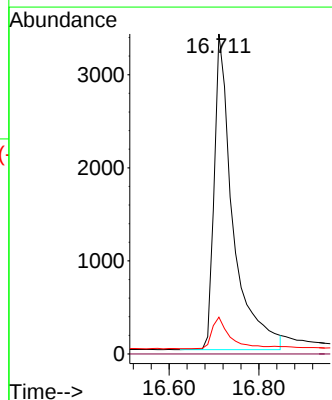
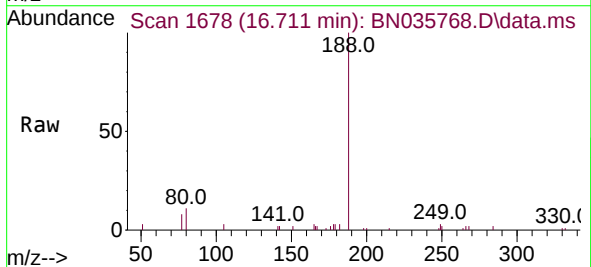
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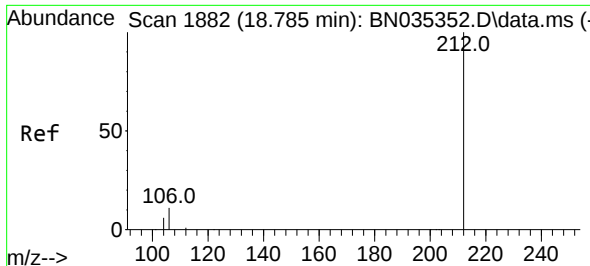
Tgt Ion:172 Resp: 6850
Ion Ratio Lower Upper
172 100
171 36.7 29.0 43.4
170 25.4 19.8 29.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.711 min Scan# 1678
Delta R.T. 0.012 min
Lab File: BN035768.D
Acq: 21 Dec 2024 07:01

Tgt Ion:188 Resp: 9818
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.5 4.6 6.8#

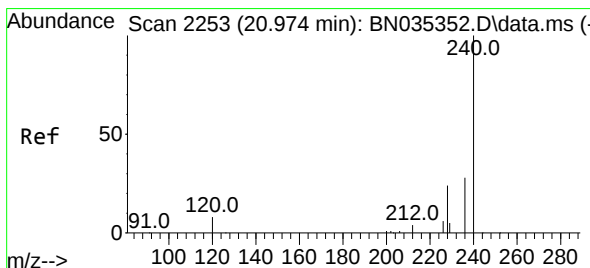
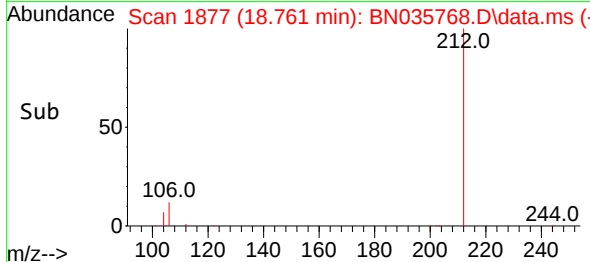
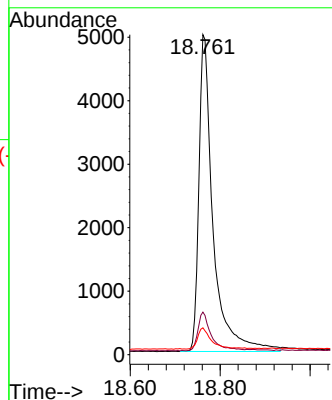
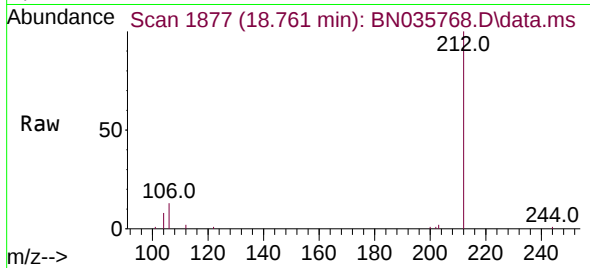




#27
Fluoranthene-d10
Concen: 0.394 ng
RT: 18.761 min Scan# 1877
Delta R.T. 0.000 min
Lab File: BN035768.D
Acq: 21 Dec 2024 07:01

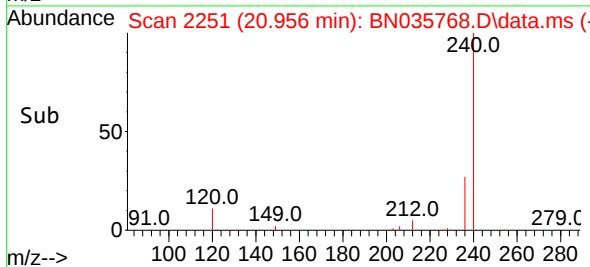
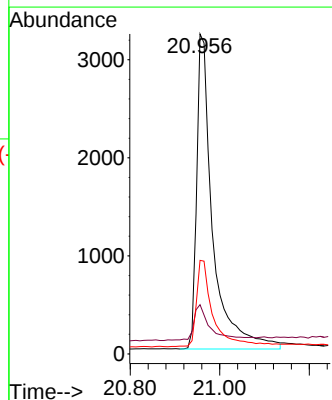
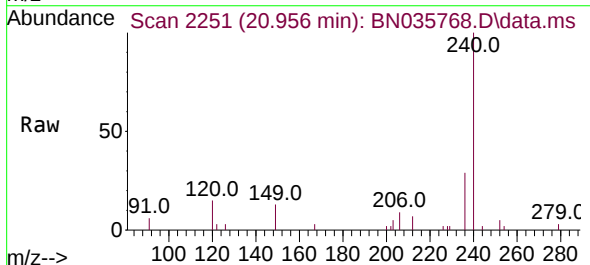
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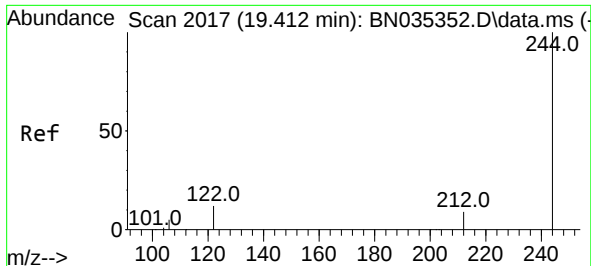
Tgt Ion:212 Resp: 10958
Ion Ratio Lower Upper
212 100
106 11.3 9.2 13.8
104 6.2 5.3 7.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.956 min Scan# 2251
Delta R.T. 0.000 min
Lab File: BN035768.D
Acq: 21 Dec 2024 07:01

Tgt Ion:240 Resp: 8012
Ion Ratio Lower Upper
240 100
120 15.4 7.9 11.9#
236 29.3 22.9 34.3

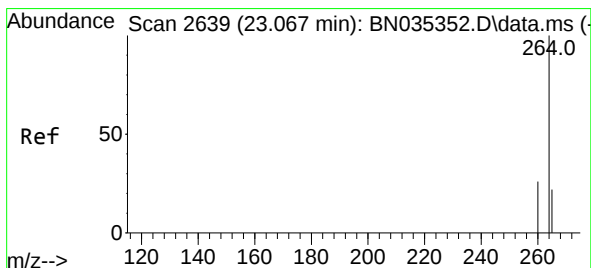
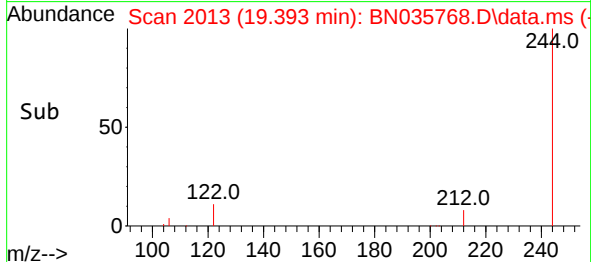
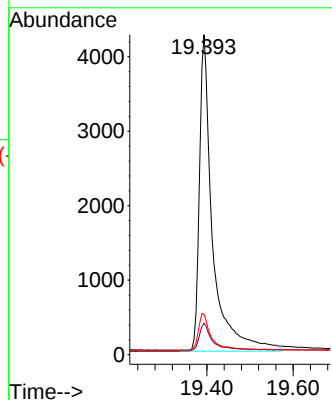
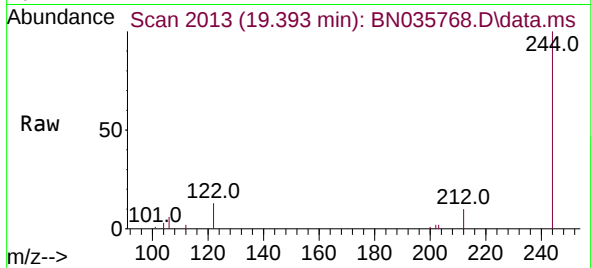




#31
 Terphenyl-d14
 Concen: 0.570 ng
 RT: 19.393 min Scan# 20
 Delta R.T. 0.005 min
 Lab File: BN035768.D
 Acq: 21 Dec 2024 07:01

Instrument :
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Tgt Ion:244 Resp: 9013
 Ion Ratio Lower Upper
 244 100
 212 9.8 8.1 12.1
 122 12.6 10.3 15.5



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.047 min Scan# 2632
 Delta R.T. 0.006 min
 Lab File: BN035768.D
 Acq: 21 Dec 2024 07:01

Tgt Ion:264 Resp: 8427
 Ion Ratio Lower Upper
 264 100
 260 27.8 21.4 32.2
 265 87.7 40.2 60.4#

