

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
 Data File : BN035750.D
 Acq On : 20 Dec 2024 20:09
 Operator : RC/JU
 Sample : PB165723BL
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB165723BL

Quant Time: Dec 21 01:43:24 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	7.272	152	2735	0.400	ng	0.00
7) Naphthalene-d8	10.020	136	6564	0.400	ng	0.00
13) Acenaphthene-d10	13.935	164	4135	0.400	ng	0.00
19) Phenanthrene-d10	16.711	188	7430	0.400	ng	# 0.01
29) Chrysene-d12	20.965	240	6469	0.400	ng	# 0.00
35) Perylene-d12	23.047	264	6678	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.939	112	2559	0.374	ng	0.00
5) Phenol-d6	6.492	99	2357	0.286	ng	0.00
8) Nitrobenzene-d5	8.418	82	2054	0.512	ng	0.01
11) 2-Methylnaphthalene-d10	11.636	152	4315	0.420	ng	0.02
14) 2,4,6-Tribromophenol	15.475	330	360	0.123	ng	0.02
15) 2-Fluorobiphenyl	12.559	172	5988	0.383	ng	0.02
27) Fluoranthene-d10	18.766	212	9656	0.458	ng	0.00
31) Terphenyl-d14	19.398	244	6836	0.536	ng	0.00

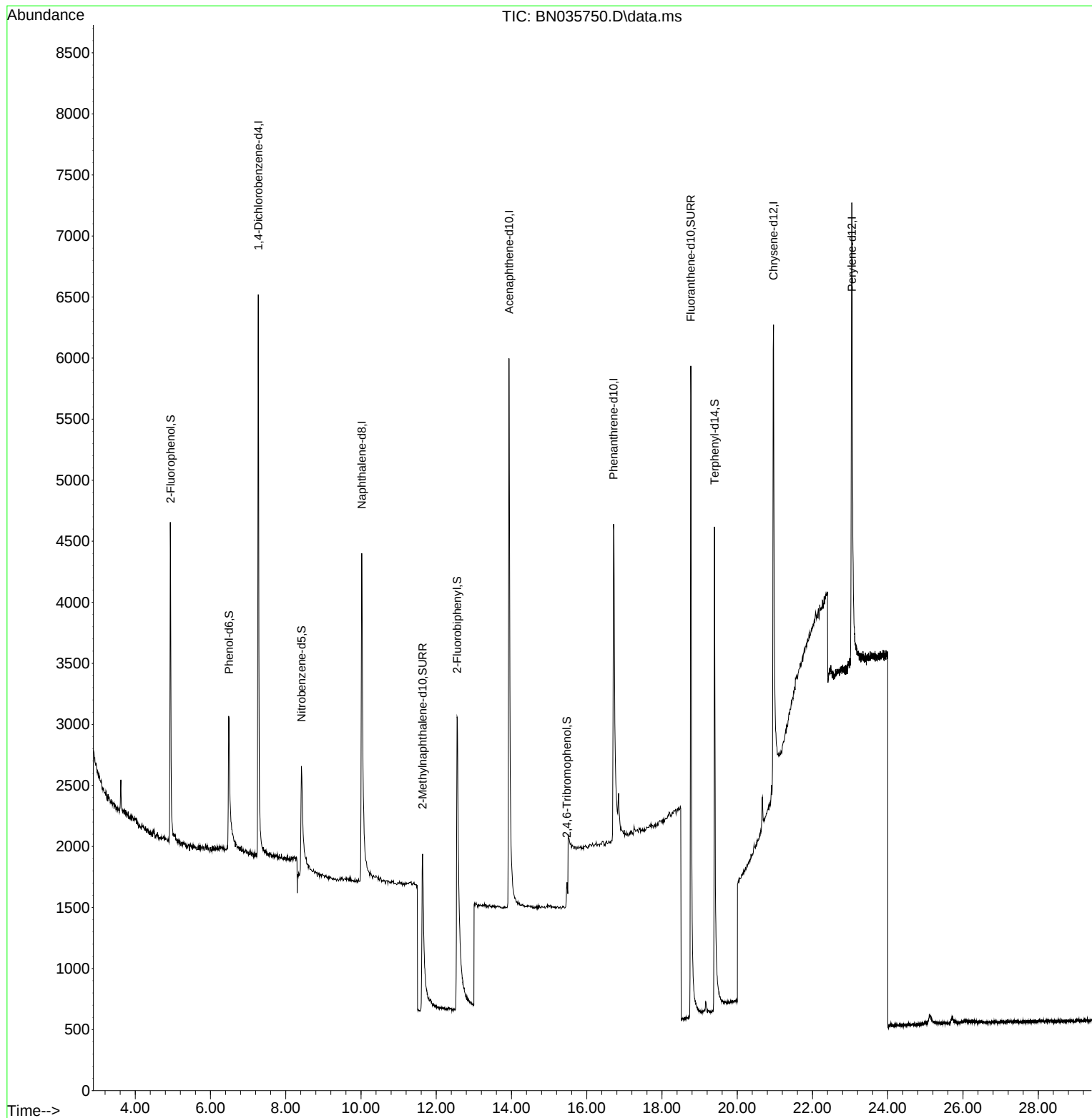
Target Compounds Qvalue

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

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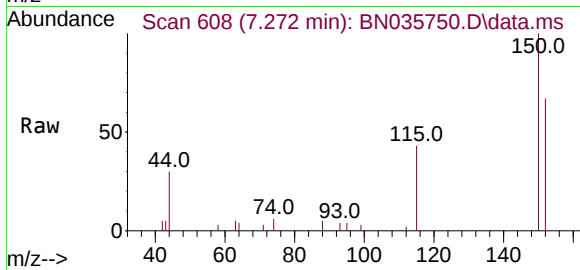
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
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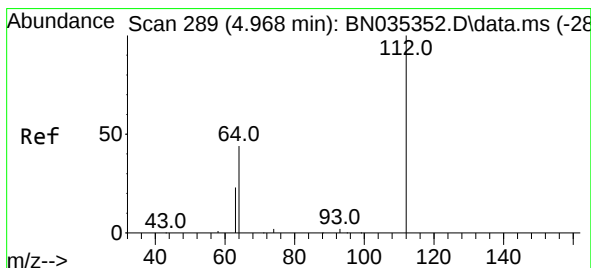
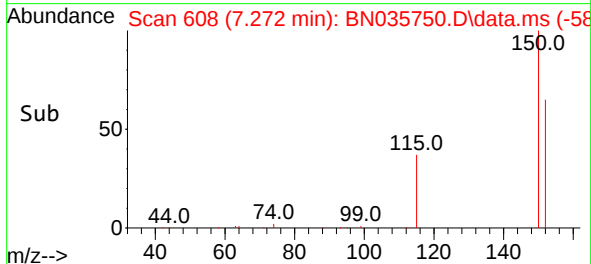
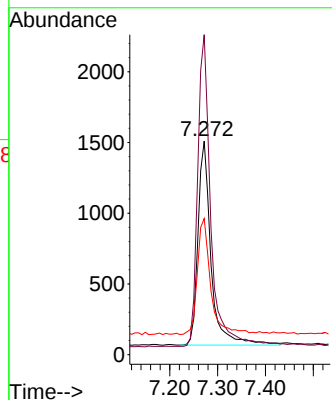


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.272 min Scan# 60
Delta R.T. -0.000 min
Lab File: BN035750.D
Acq: 20 Dec 2024 20:09

Instrument :
BNA_N
ClientSampleId :
PB165723BL

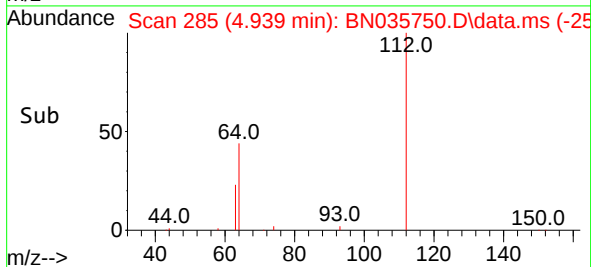
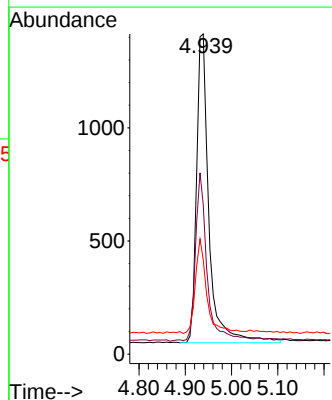
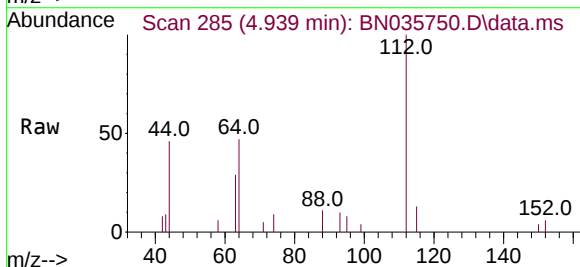


Tgt Ion:152 Resp: 2735
Ion Ratio Lower Upper
152 100
150 149.8 124.0 186.0
115 63.8 49.6 74.4



#4
2-Fluorophenol
Concen: 0.374 ng
RT: 4.939 min Scan# 285
Delta R.T. 0.000 min
Lab File: BN035750.D
Acq: 20 Dec 2024 20:09

Tgt Ion:112 Resp: 2559
Ion Ratio Lower Upper
112 100
64 51.1 39.8 59.8
63 28.1 21.0 31.6

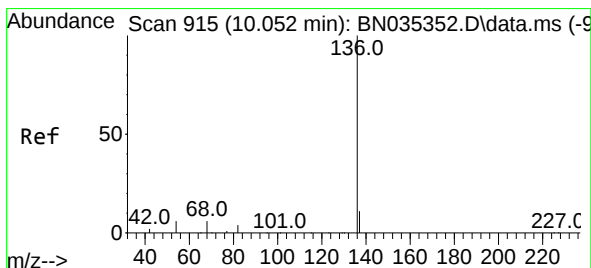
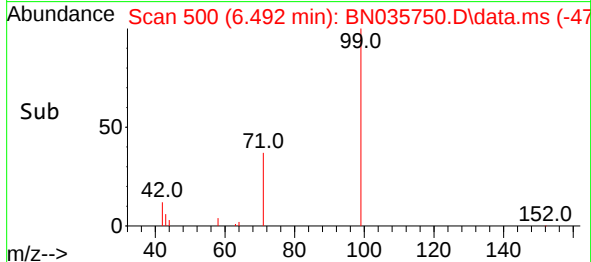
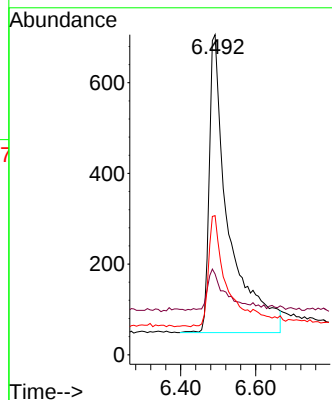
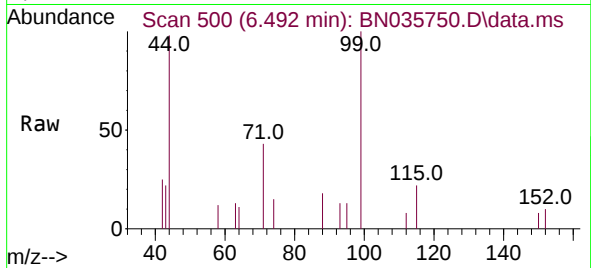




#5
Phenol-d6
Concen: 0.286 ng
RT: 6.492 min Scan# 50
Delta R.T. 0.000 min
Lab File: BN035750.D
Acq: 20 Dec 2024 20:09

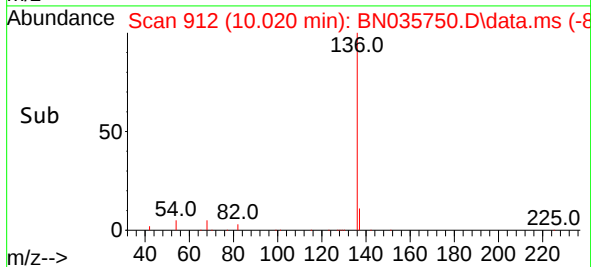
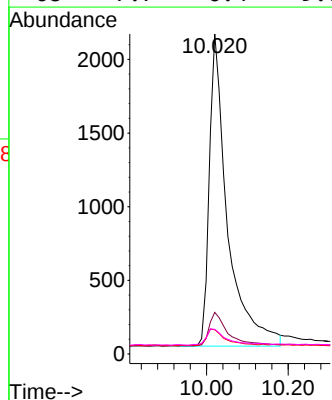
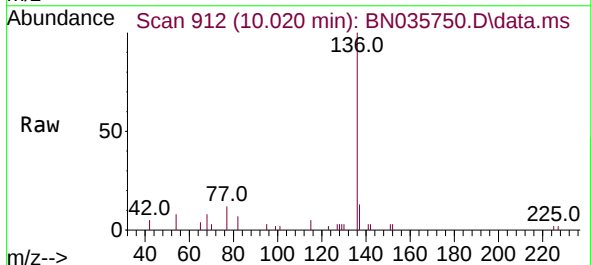
Instrument :
BNA_N
ClientSampleId :
PB165723BL

Tgt Ion: 99	Resp: 2357
Ion Ratio	Lower Upper
99 100	
42 11.7	11.4 17.2
71 32.7	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: BN035750.D
Acq: 20 Dec 2024 20:09

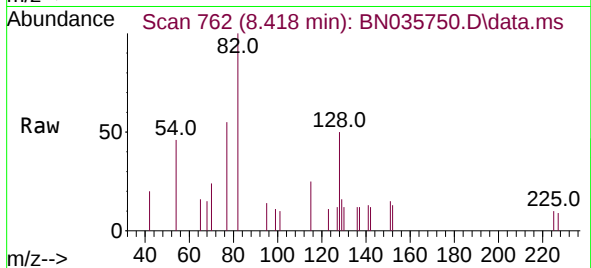
Tgt Ion: 136	Resp: 6564
Ion Ratio	Lower Upper
136 100	
137 13.0	10.2 15.2
54 7.5	6.1 9.1
68 7.7	6.4 9.6



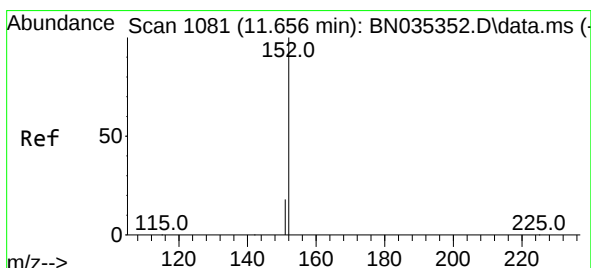
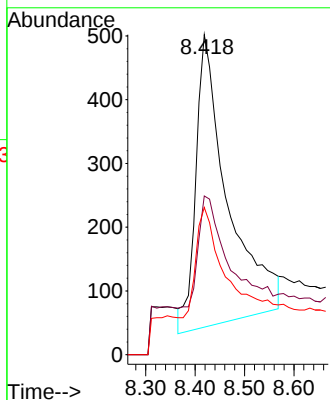
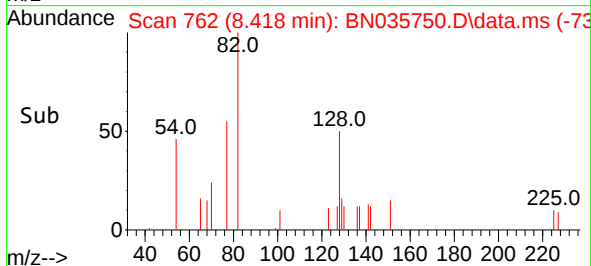


#8
Nitrobenzene-d5
Concen: 0.512 ng
RT: 8.418 min Scan# 70
Delta R.T. 0.011 min
Lab File: BN035750.D
Acq: 20 Dec 2024 20:09

Instrument :
BNA_N
ClientSampleId :
PB165723BL

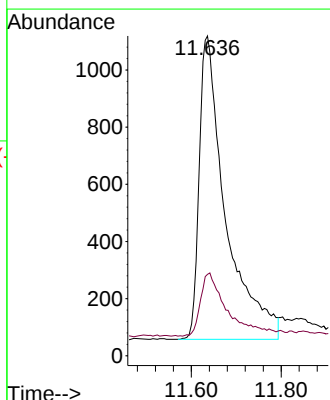
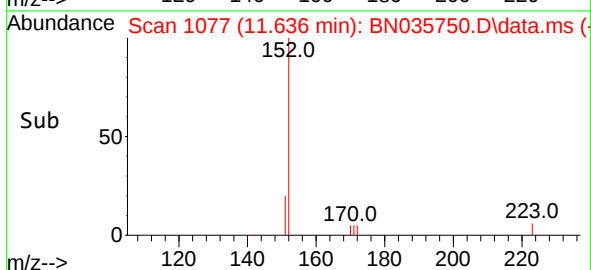
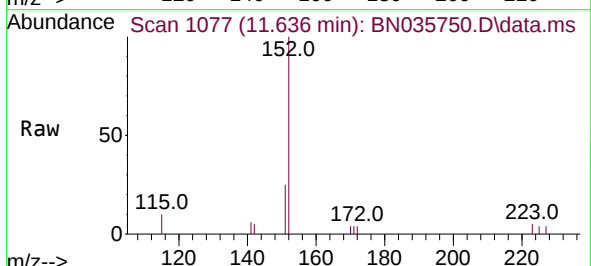


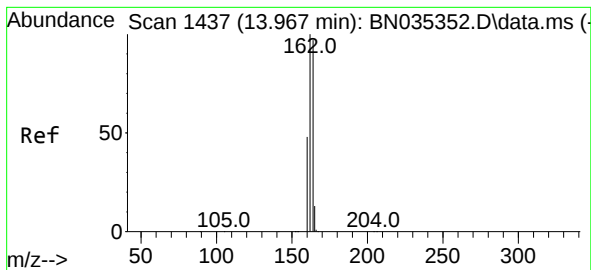
Tgt Ion: 82 Resp: 2054
Ion Ratio Lower Upper
82 100
128 49.6 33.4 50.0
54 46.0 36.7 55.1



#11
2-Methylnaphthalene-d10
Concen: 0.420 ng
RT: 11.636 min Scan# 1077
Delta R.T. 0.015 min
Lab File: BN035750.D
Acq: 20 Dec 2024 20:09

Tgt Ion: 152 Resp: 4315
Ion Ratio Lower Upper
152 100
151 21.2 16.6 25.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 13.935 min Scan# 1434

Delta R.T. 0.000 min

Lab File: BN035750.D

Acq: 20 Dec 2024 20:09

Instrument :

BNA_N

ClientSampleId :

PB165723BL

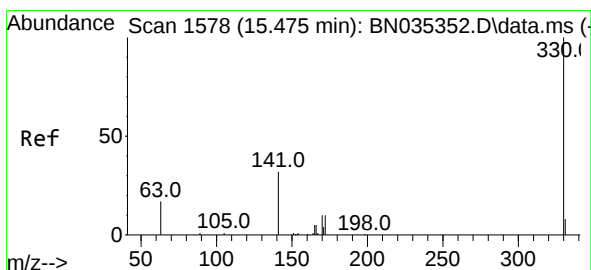
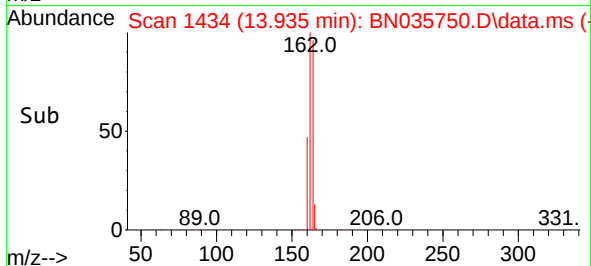
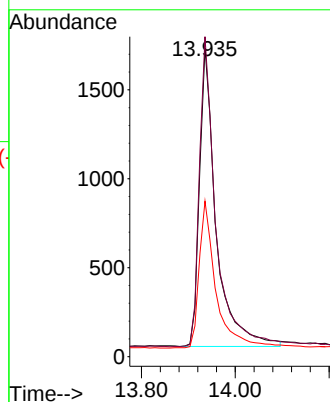
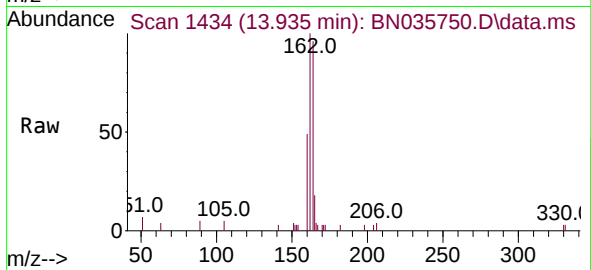
Tgt Ion:164 Resp: 4135

Ion Ratio Lower Upper

164 100

162 103.6 82.2 123.2

160 50.3 40.1 60.1



#14

2,4,6-Tribromophenol

Concen: 0.123 ng

RT: 15.475 min Scan# 1578

Delta R.T. 0.021 min

Lab File: BN035750.D

Acq: 20 Dec 2024 20:09

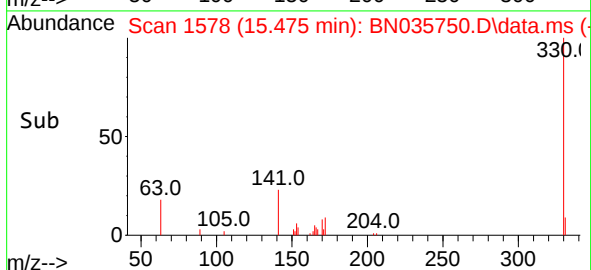
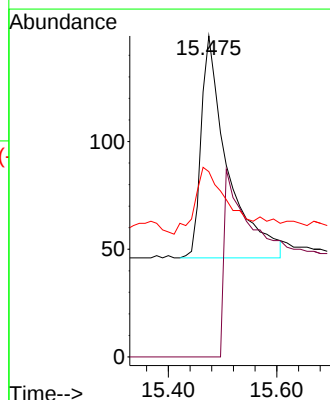
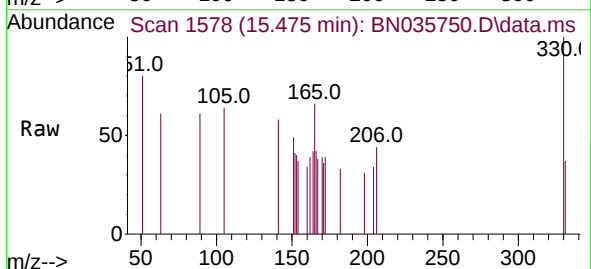
Tgt Ion:330 Resp: 360

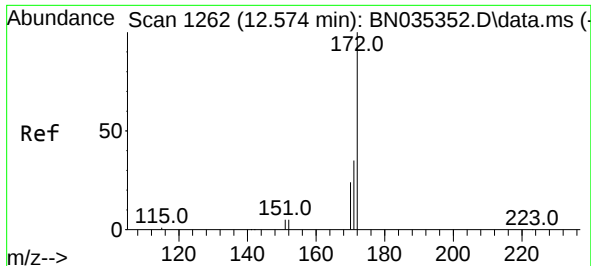
Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 35.6 26.6 40.0

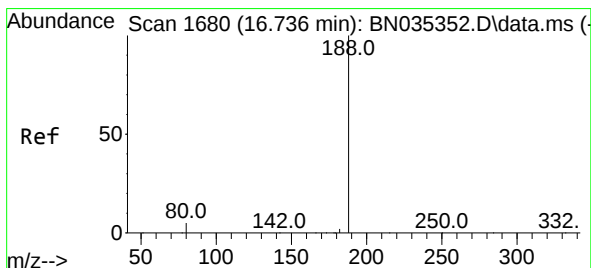
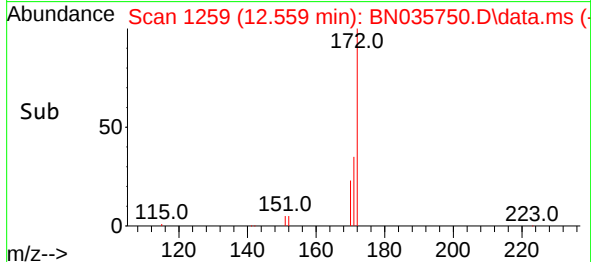
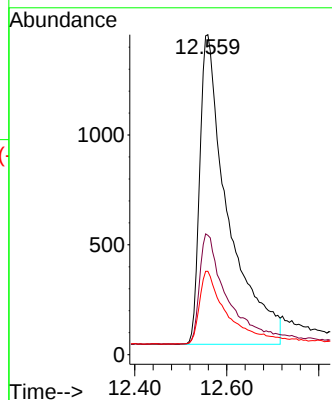
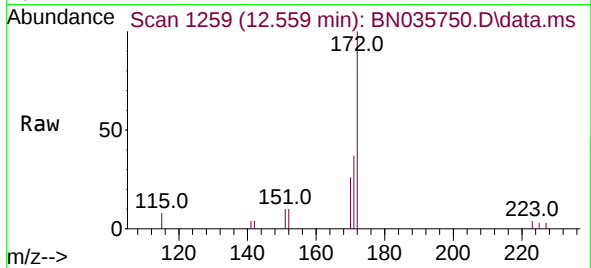




#15
2-Fluorobiphenyl
Concen: 0.383 ng
RT: 12.559 min Scan# 11
Delta R.T. 0.015 min
Lab File: BN035750.D
Acq: 20 Dec 2024 20:09

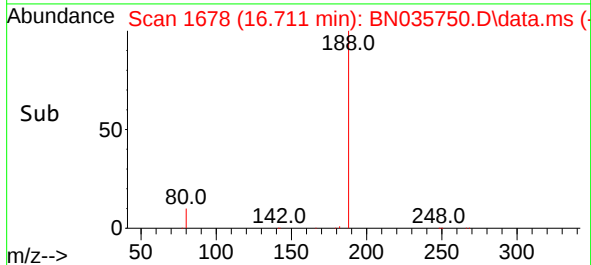
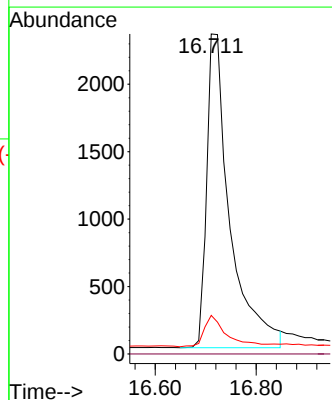
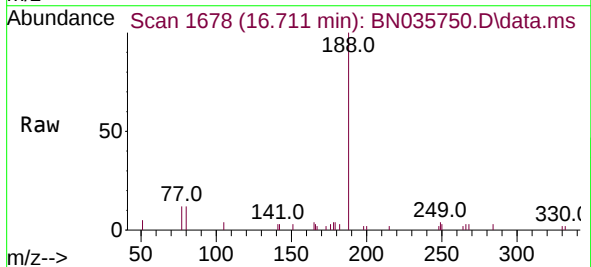
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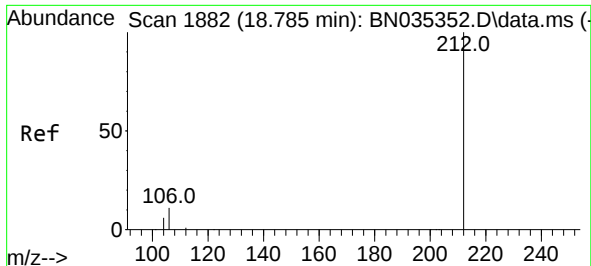
Tgt Ion:172 Resp: 5988
Ion Ratio Lower Upper
172 100
171 37.3 29.0 43.4
170 26.0 19.8 29.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.711 min Scan# 1678
Delta R.T. 0.012 min
Lab File: BN035750.D
Acq: 20 Dec 2024 20:09

Tgt Ion:188 Resp: 7430
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.1 4.6 6.8

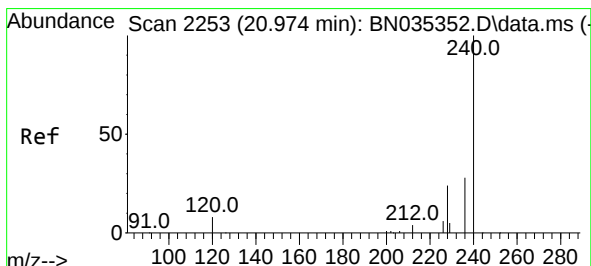
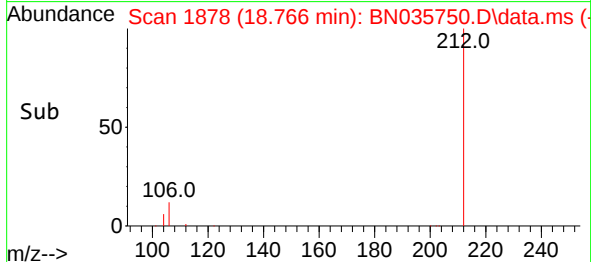
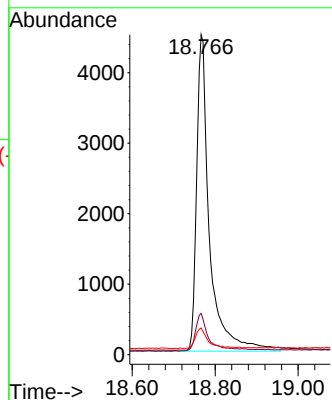
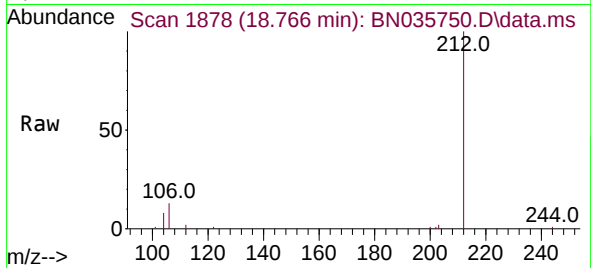




#27
Fluoranthene-d10
Concen: 0.458 ng
RT: 18.766 min Scan# 1878
Delta R.T. 0.005 min
Lab File: BN035750.D
Acq: 20 Dec 2024 20:09

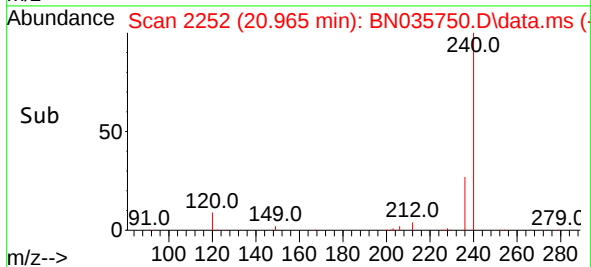
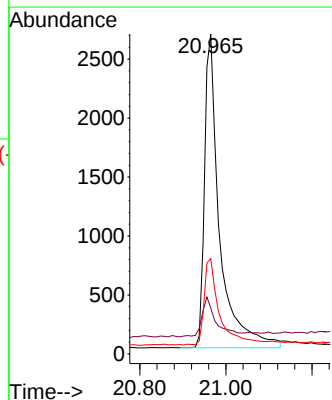
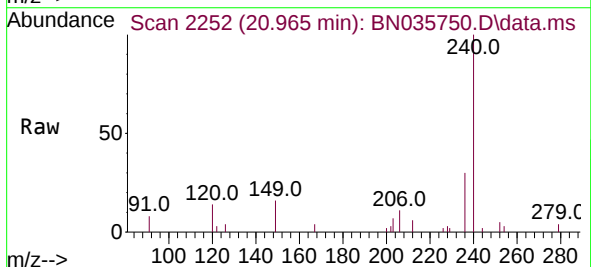
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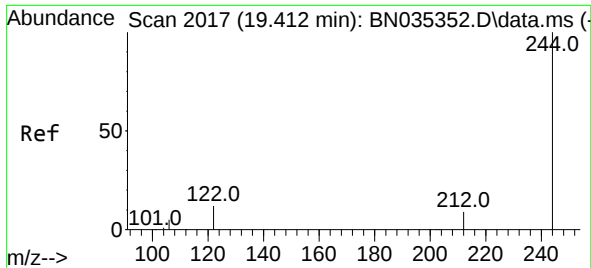
Tgt Ion:212 Resp: 9656
Ion Ratio Lower Upper
212 100
106 10.9 9.2 13.8
104 6.3 5.3 7.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.965 min Scan# 2252
Delta R.T. 0.009 min
Lab File: BN035750.D
Acq: 20 Dec 2024 20:09

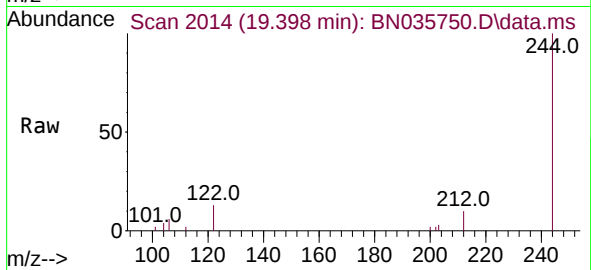
Tgt Ion:240 Resp: 6469
Ion Ratio Lower Upper
240 100
120 14.3 7.9 11.9#
236 29.8 22.9 34.3



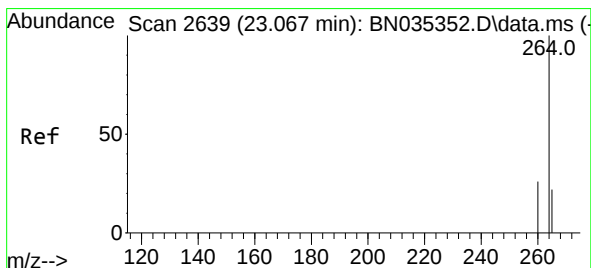
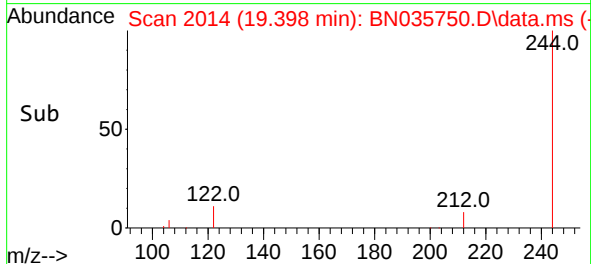
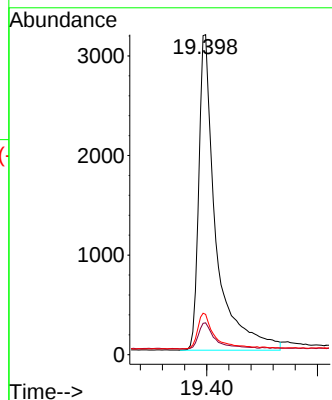


#31
Terphenyl-d14
Concen: 0.536 ng
RT: 19.398 min Scan# 20
Delta R.T. 0.009 min
Lab File: BN035750.D
Acq: 20 Dec 2024 20:09

Instrument :
BNA_N
ClientSampleId :
PB165723BL



Tgt Ion:244 Resp: 6836
Ion Ratio Lower Upper
244 100
212 10.0 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: BN035750.D
Acq: 20 Dec 2024 20:09

Tgt Ion:264 Resp: 6678
Ion Ratio Lower Upper
264 100
260 26.8 21.4 32.2
265 104.3 40.2 60.4#

