

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
 Data File : BN035795.D
 Acq On : 23 Dec 2024 22:52
 Operator : RC/JU
 Sample : PB165667BL
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB165667BL

Quant Time: Dec 24 00:13:30 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	7.264	152	4926	0.400	ng	0.00
7) Naphthalene-d8	10.009	136	11442	0.400	ng	-0.01
13) Acenaphthene-d10	13.924	164	7253	0.400	ng	-0.01
19) Phenanthrene-d10	16.711	188	12605	0.400	ng	# 0.01
29) Chrysene-d12	20.956	240	9944	0.400	ng	# 0.00
35) Perylene-d12	23.038	264	9785	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.932	112	3783	0.307	ng	0.00
5) Phenol-d6	6.484	99	3587	0.242	ng	0.00
8) Nitrobenzene-d5	8.408	82	3704	0.530	ng	0.00
11) 2-Methylnaphthalene-d10	11.626	152	6566	0.367	ng	0.00
14) 2,4,6-Tribromophenol	15.475	330	426	0.083	ng	0.02
15) 2-Fluorobiphenyl	12.549	172	9720	0.355	ng	0.00
27) Fluoranthene-d10	18.761	212	13649	0.382	ng	0.00
31) Terphenyl-d14	19.388	244	11020	0.562	ng	0.00

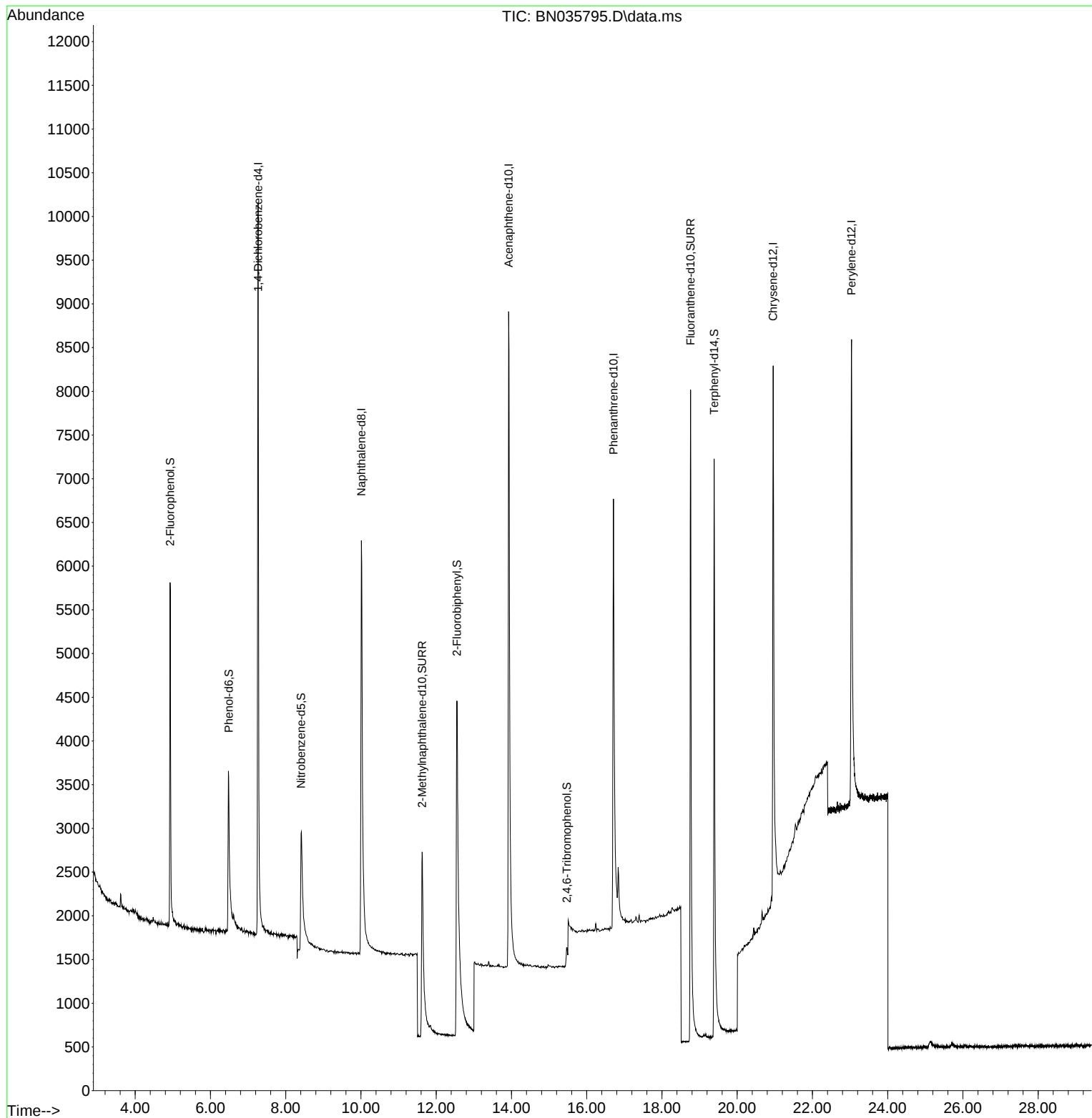
Target Compounds Qvalue

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

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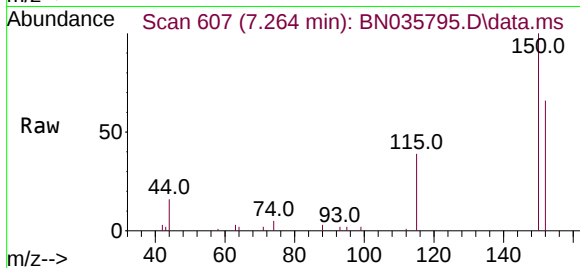
Quant Time: Dec 24 00:13:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
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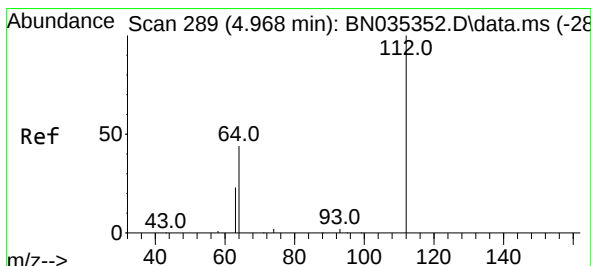
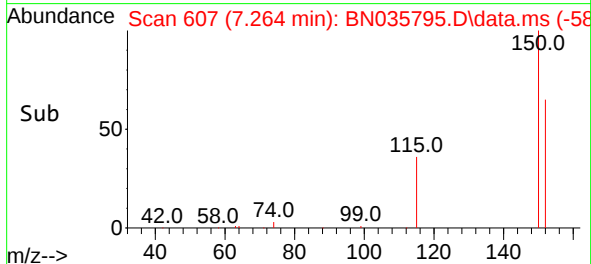
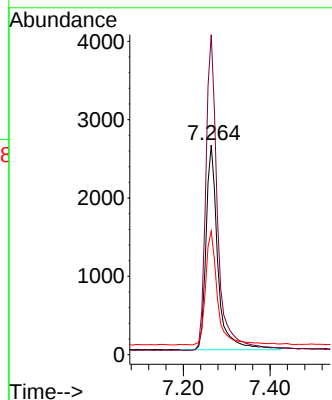


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.264 min Scan# 613
Delta R.T. -0.008 min
Lab File: BN035795.D
Acq: 23 Dec 2024 22:52

Instrument :
BNA_N
ClientSampleId :
PB165667BL

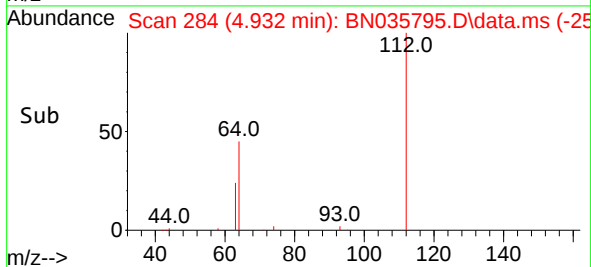
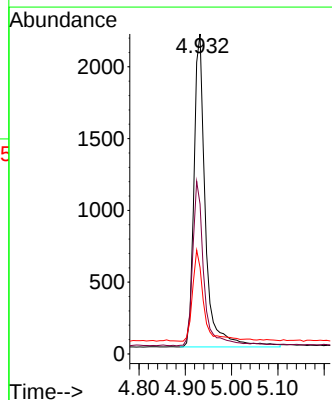
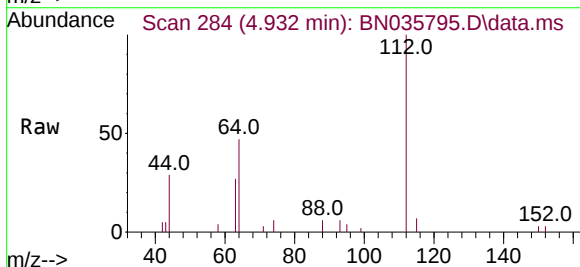


Tgt Ion:152 Resp: 4926
Ion Ratio Lower Upper
152 100
150 152.7 124.0 186.0
115 58.9 49.6 74.4



#4
2-Fluorophenol
Concen: 0.307 ng
RT: 4.932 min Scan# 284
Delta R.T. -0.007 min
Lab File: BN035795.D
Acq: 23 Dec 2024 22:52

Tgt Ion:112 Resp: 3783
Ion Ratio Lower Upper
112 100
64 51.0 39.8 59.8
63 28.0 21.0 31.6

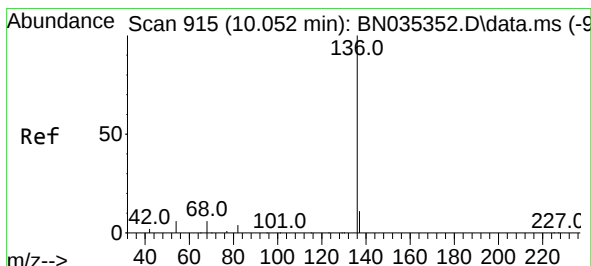
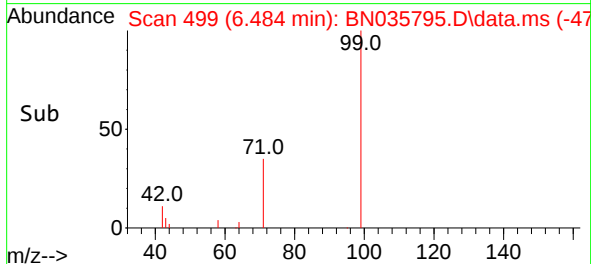
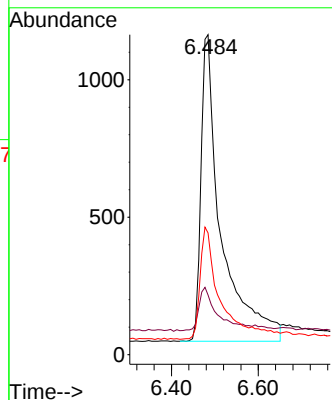
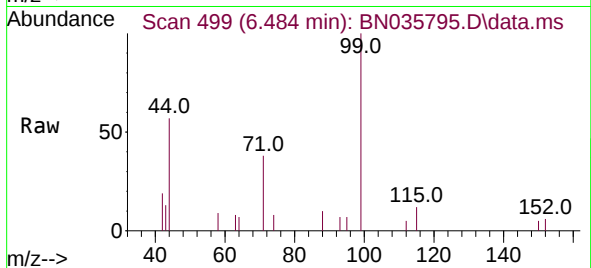




#5
Phenol-d6
Concen: 0.242 ng
RT: 6.484 min Scan# 499
Delta R.T. -0.007 min
Lab File: BN035795.D
Acq: 23 Dec 2024 22:52

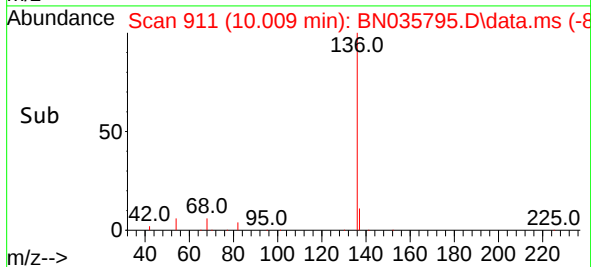
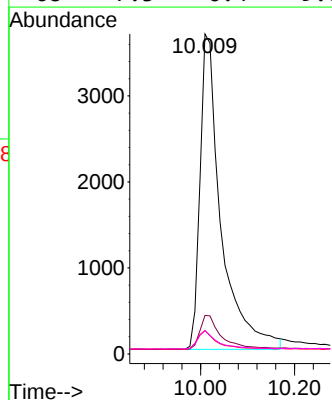
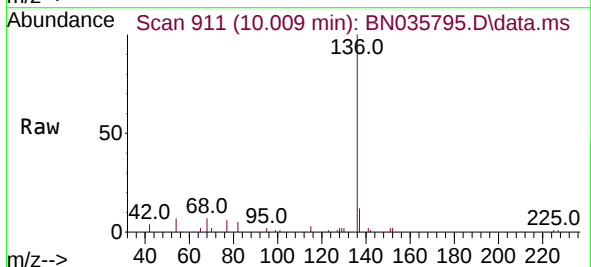
Instrument :
BNA_N
ClientSampleId :
PB165667BL

Tgt Ion:	99	Resp:	3587
Ion	Ratio	Lower	Upper
99	100		
42	13.1	11.4	17.2
71	37.0	29.3	43.9



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.009 min Scan# 911
Delta R.T. -0.011 min
Lab File: BN035795.D
Acq: 23 Dec 2024 22:52

Tgt Ion:	136	Resp:	11442
Ion	Ratio	Lower	Upper
136	100		
137	12.0	10.2	15.2
54	7.3	6.1	9.1
68	7.3	6.4	9.6

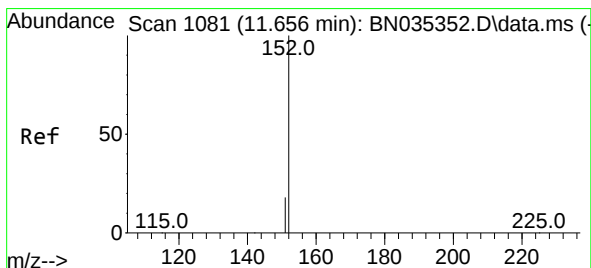
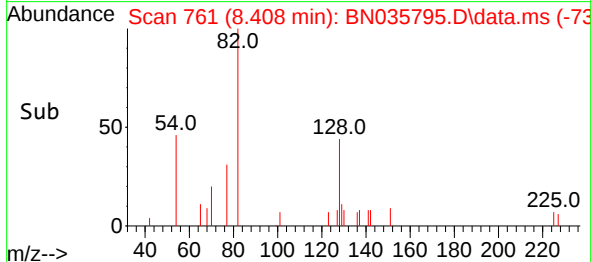
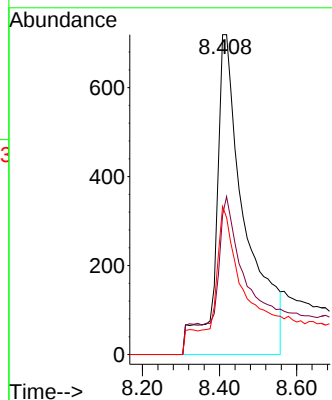
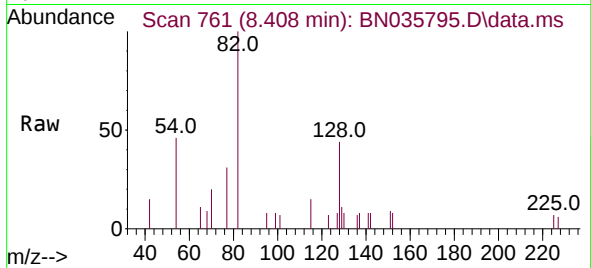




#8
Nitrobenzene-d5
Concen: 0.530 ng
RT: 8.408 min Scan# 704
Delta R.T. -0.000 min
Lab File: BN035795.D
Acq: 23 Dec 2024 22:52

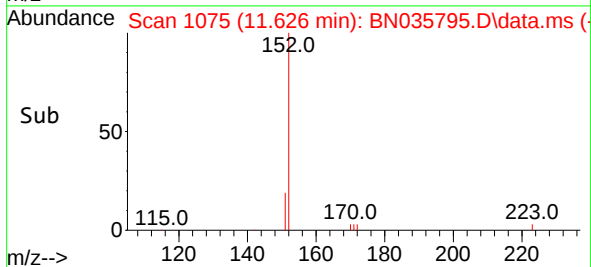
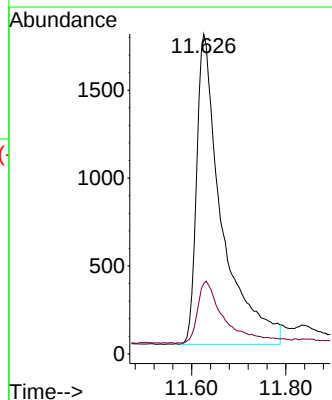
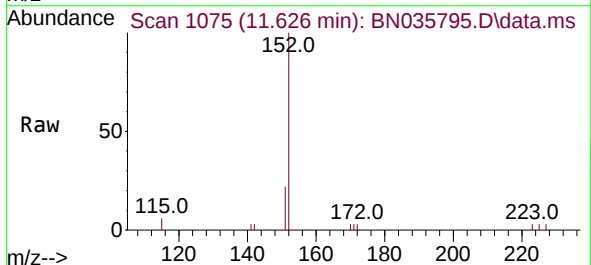
Instrument :
BNA_N
ClientSampleId :
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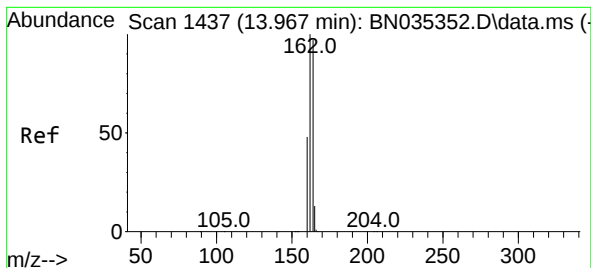
Tgt Ion: 82 Resp: 3704
Ion Ratio Lower Upper
82 100
128 43.7 33.4 50.0
54 46.3 36.7 55.1



#11
2-Methylnaphthalene-d10
Concen: 0.367 ng
RT: 11.626 min Scan# 1075
Delta R.T. 0.005 min
Lab File: BN035795.D
Acq: 23 Dec 2024 22:52

Tgt Ion: 152 Resp: 6566
Ion Ratio Lower Upper
152 100
151 21.2 16.6 25.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 13.924 min Scan# 1437

Delta R.T. -0.011 min

Lab File: BN035795.D

Acq: 23 Dec 2024 22:52

Instrument :

BNA_N

ClientSampleId :

PB165667BL

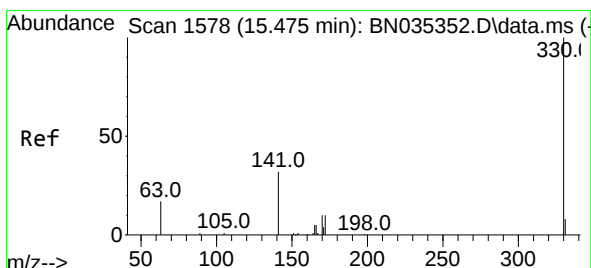
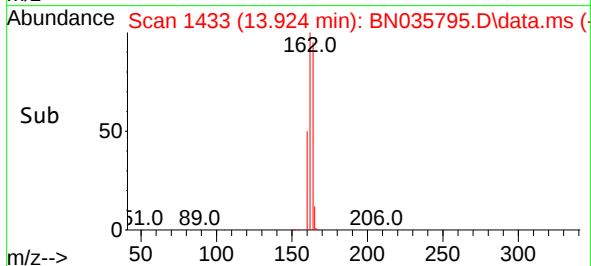
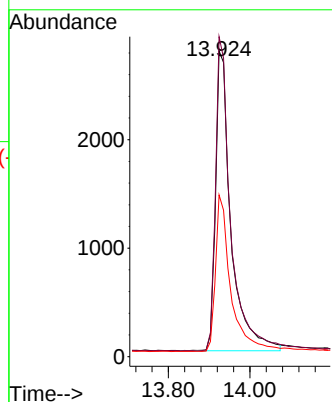
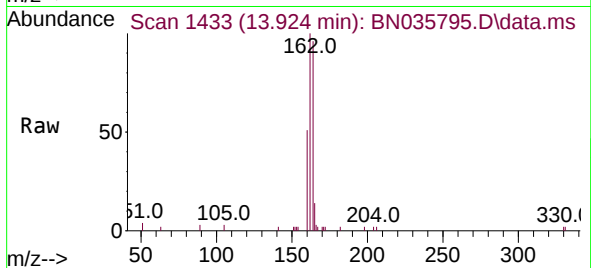
Tgt Ion:164 Resp: 7253

Ion Ratio Lower Upper

164 100

162 104.6 82.2 123.2

160 52.9 40.1 60.1



#14

2,4,6-Tribromophenol

Concen: 0.083 ng

RT: 15.475 min Scan# 1578

Delta R.T. 0.021 min

Lab File: BN035795.D

Acq: 23 Dec 2024 22:52

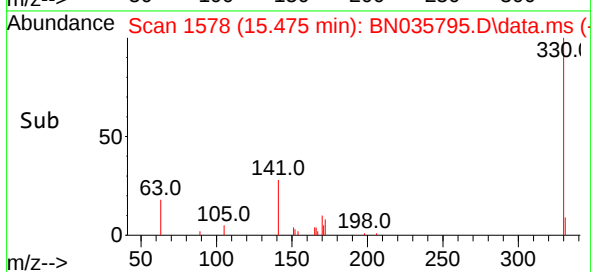
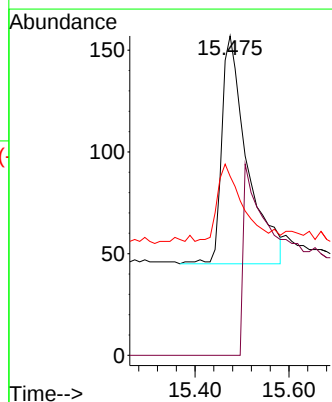
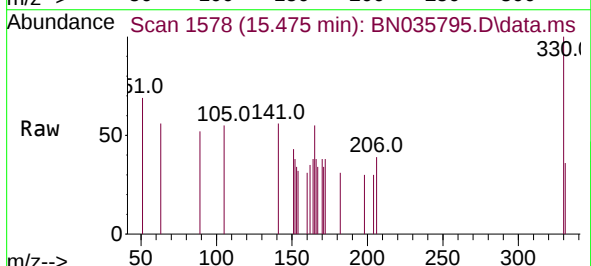
Tgt Ion:330 Resp: 426

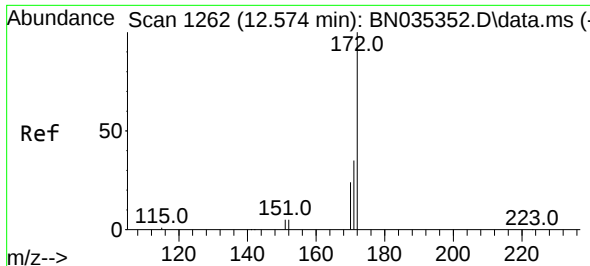
Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 32.6 26.6 40.0

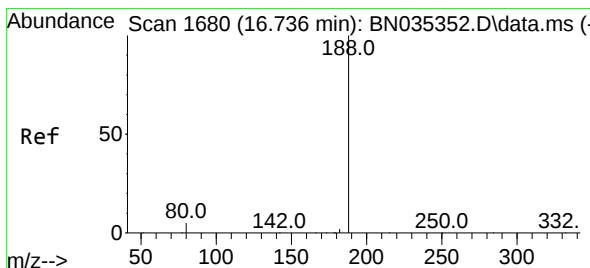
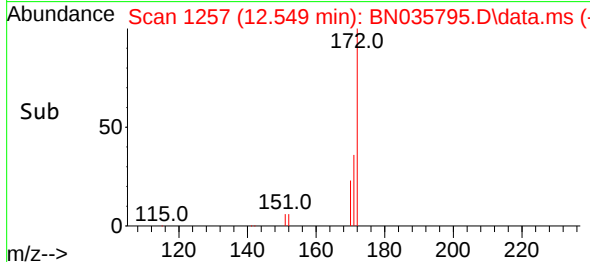
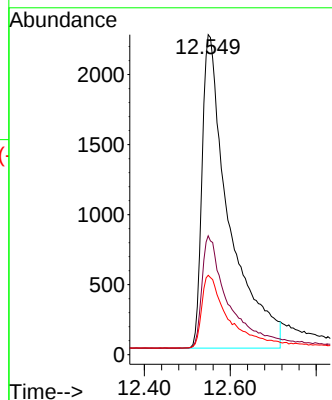
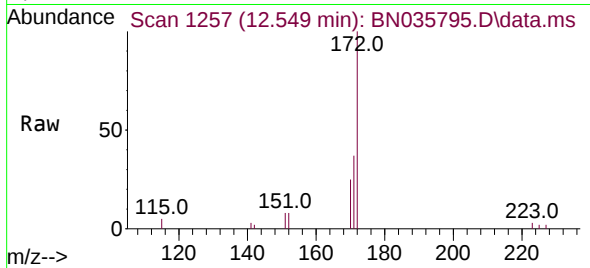




#15
2-Fluorobiphenyl
Concen: 0.355 ng
RT: 12.549 min Scan# 11
Delta R.T. 0.005 min
Lab File: BN035795.D
Acq: 23 Dec 2024 22:52

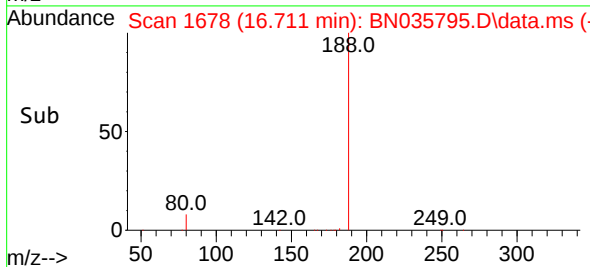
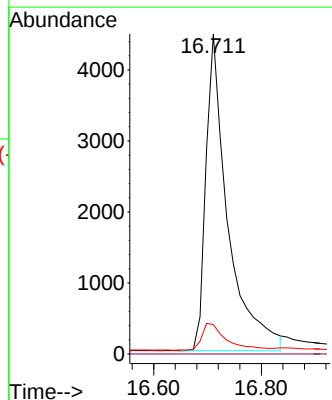
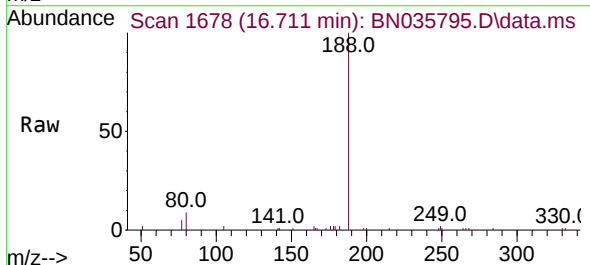
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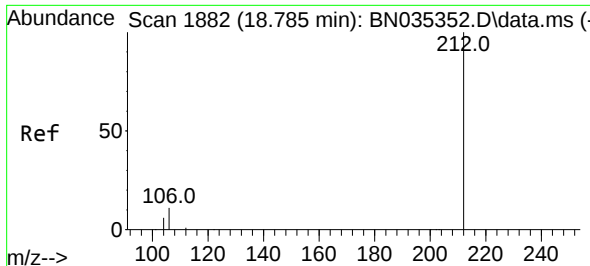
Tgt Ion:172 Resp: 9720
Ion Ratio Lower Upper
172 100
171 37.2 29.0 43.4
170 24.8 19.8 29.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.711 min Scan# 1678
Delta R.T. 0.012 min
Lab File: BN035795.D
Acq: 23 Dec 2024 22:52

Tgt Ion:188 Resp: 12605
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.2 4.6 6.8#

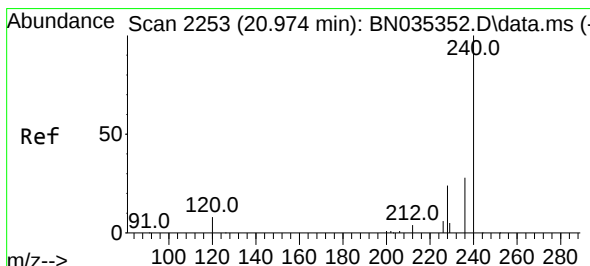
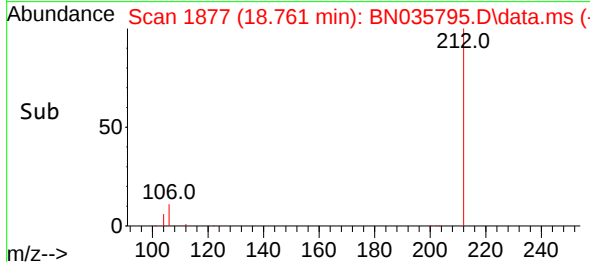
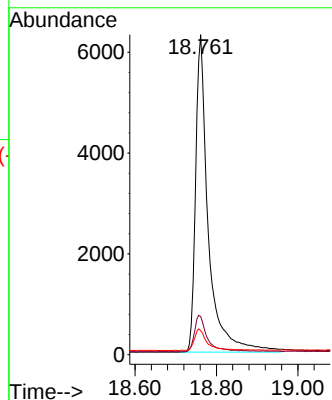
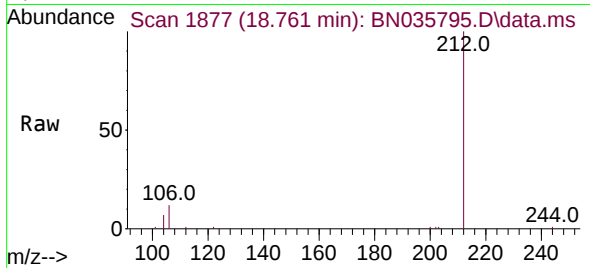




#27
Fluoranthene-d10
Concen: 0.382 ng
RT: 18.761 min Scan# 1877
Delta R.T. -0.000 min
Lab File: BN035795.D
Acq: 23 Dec 2024 22:52

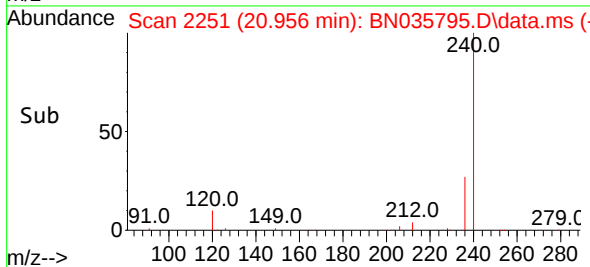
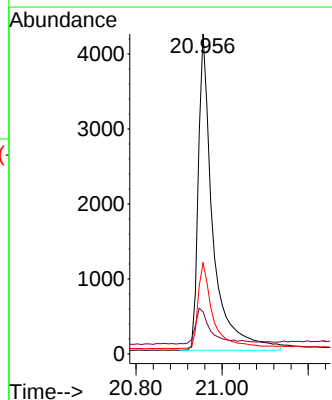
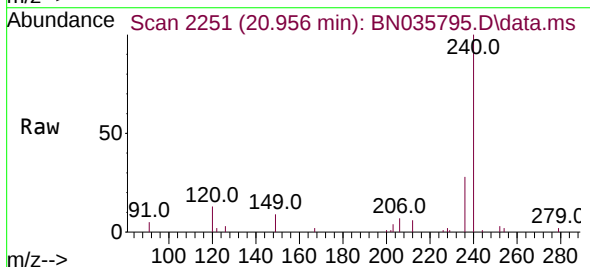
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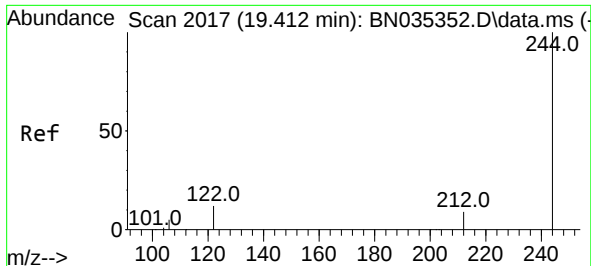
Tgt Ion:212 Resp: 13649
Ion Ratio Lower Upper
212 100
106 11.8 9.2 13.8
104 6.6 5.3 7.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.956 min Scan# 2251
Delta R.T. -0.000 min
Lab File: BN035795.D
Acq: 23 Dec 2024 22:52

Tgt Ion:240 Resp: 9944
Ion Ratio Lower Upper
240 100
120 13.2 7.9 11.9#
236 28.4 22.9 34.3

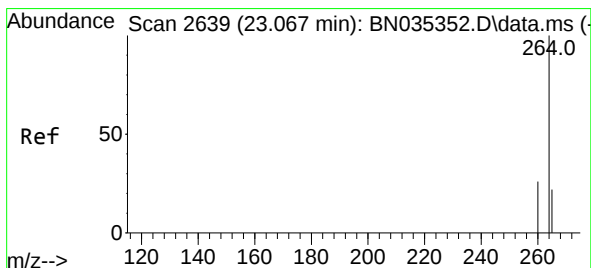
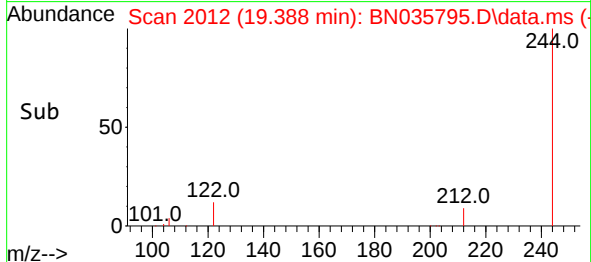
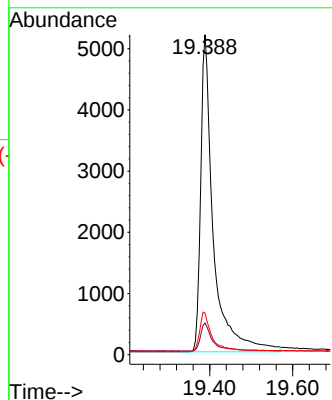
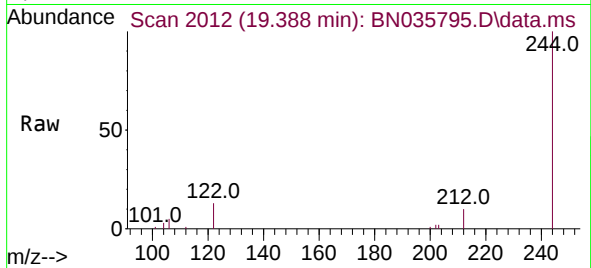




#31
 Terphenyl-d14
 Concen: 0.562 ng
 RT: 19.388 min Scan# 2017
 Delta R.T. -0.000 min
 Lab File: BN035795.D
 Acq: 23 Dec 2024 22:52

Instrument :
 BNA_N
 ClientSampleId :
 PB165667BL

Tgt Ion:244 Resp: 11020
 Ion Ratio Lower Upper
 244 100
 212 9.9 8.1 12.1
 122 13.0 10.3 15.5



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.038 min Scan# 2629
 Delta R.T. -0.003 min
 Lab File: BN035795.D
 Acq: 23 Dec 2024 22:52

Tgt Ion:264 Resp: 9785
 Ion Ratio Lower Upper
 264 100
 260 26.7 21.4 32.2
 265 77.1 40.2 60.4#

