

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120924\
 Data File : BN035526.D
 Acq On : 10 Dec 2024 10:09
 Operator : RC/JU
 Sample : PB165433BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB165433BL

Quant Time: Dec 10 12:28:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 27 23:03:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.301	152	1622	0.400	ng	0.00
7) Naphthalene-d8	10.052	136	4371	0.400	ng	0.00
13) Acenaphthene-d10	13.967	164	3363	0.400	ng	0.00
19) Phenanthrene-d10	16.736	188	8260	0.400	ng	# 0.00
29) Chrysene-d12	20.974	240	6404	0.400	ng	0.00
35) Perylene-d12	23.067	264	5929	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.953	112	1656	0.408	ng	-0.01
5) Phenol-d6	6.506	99	1712	0.351	ng	0.00
8) Nitrobenzene-d5	8.440	82	1142	0.428	ng	0.00
11) 2-Methylnaphthalene-d10	11.656	152	2979	0.435	ng	0.00
14) 2,4,6-Tribromophenol	15.496	330	314	0.132	ng	0.02
15) 2-Fluorobiphenyl	12.579	172	4900	0.385	ng	0.00
27) Fluoranthene-d10	18.785	212	9514	0.406	ng	0.00
31) Terphenyl-d14	19.412	244	6973	0.552	ng	0.00

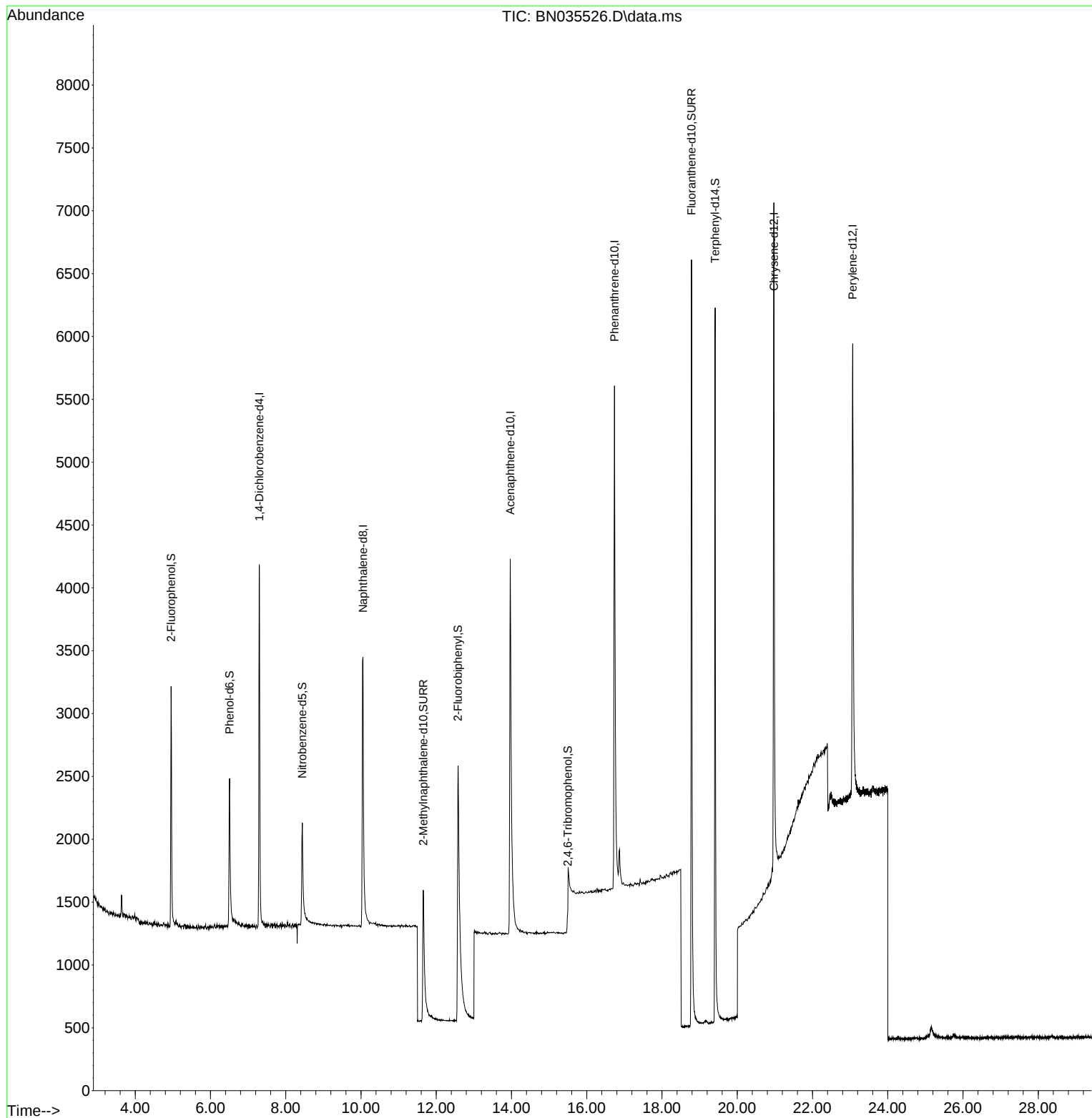
Target Compounds Qvalue

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

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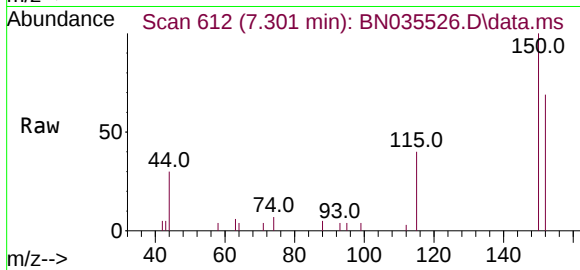
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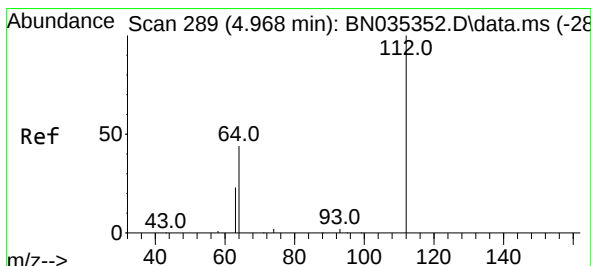
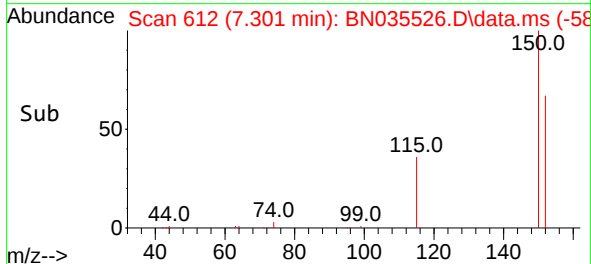
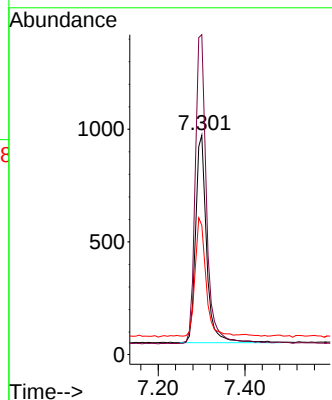


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.301 min Scan# 613
Delta R.T. -0.007 min
Lab File: BN035526.D
Acq: 10 Dec 2024 10:09

Instrument :
BNA_N
ClientSampleId :
PB165433BL

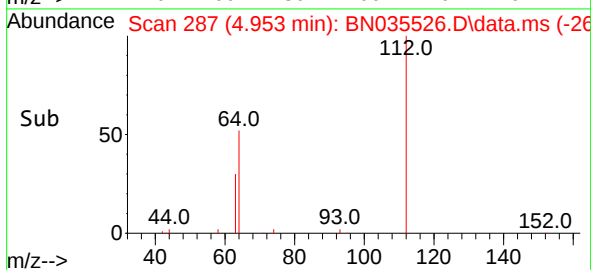
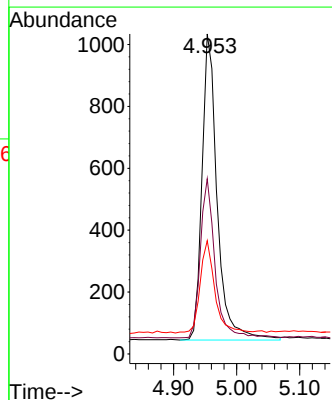
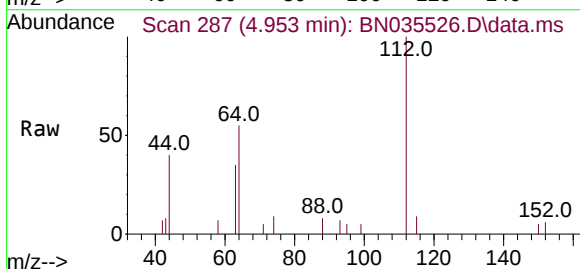


Tgt Ion:152 Resp: 1622
Ion Ratio Lower Upper
152 100
150 145.8 124.0 186.0
115 58.9 49.6 74.4



#4
2-Fluorophenol
Concen: 0.408 ng
RT: 4.953 min Scan# 287
Delta R.T. -0.014 min
Lab File: BN035526.D
Acq: 10 Dec 2024 10:09

Tgt Ion:112 Resp: 1656
Ion Ratio Lower Upper
112 100
64 50.4 39.8 59.8
63 29.0 21.0 31.6

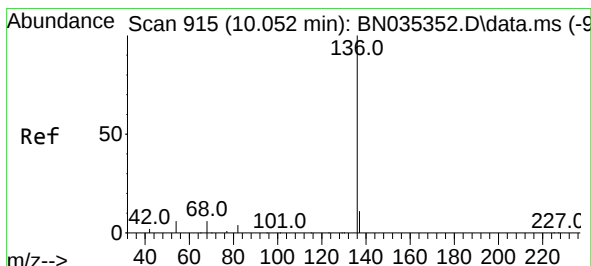
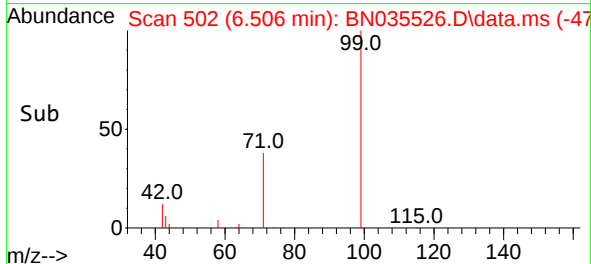
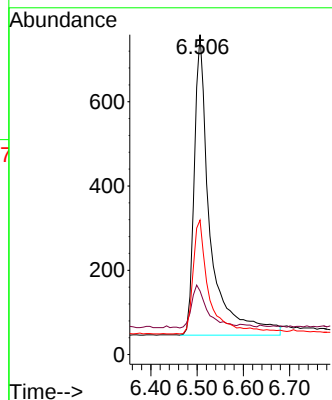
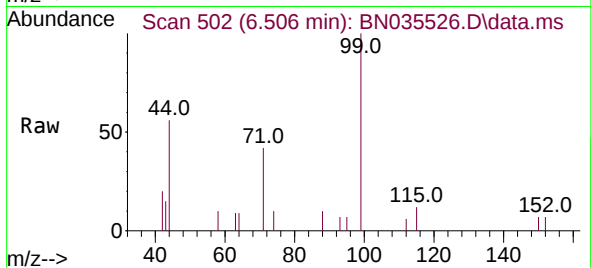




#5
Phenol-d6
Concen: 0.351 ng
RT: 6.506 min Scan# 503
Delta R.T. -0.007 min
Lab File: BN035526.D
Acq: 10 Dec 2024 10:09

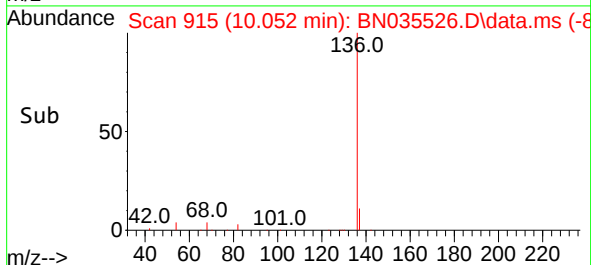
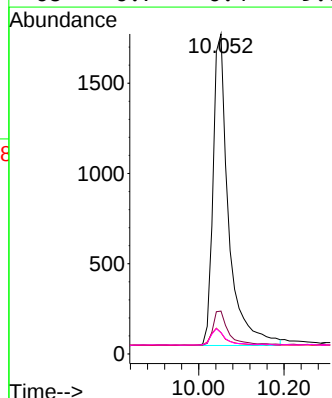
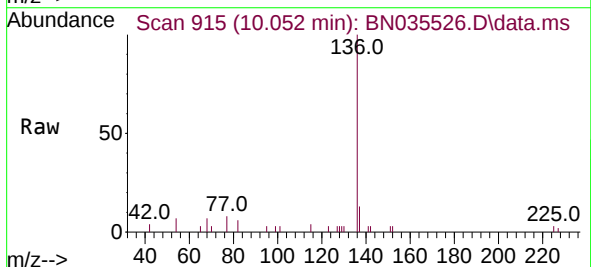
Instrument :
BNA_N
ClientSampleId :
PB165433BL

Tgt Ion:	99	Resp:	1712
Ion	Ratio	Lower	Upper
99	100		
42	14.3	11.4	17.2
71	38.7	29.3	43.9



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.052 min Scan# 915
Delta R.T. 0.000 min
Lab File: BN035526.D
Acq: 10 Dec 2024 10:09

Tgt Ion:	136	Resp:	4371
Ion	Ratio	Lower	Upper
136	100		
137	13.4	10.2	15.2
54	6.7	6.1	9.1
68	6.7	6.4	9.6

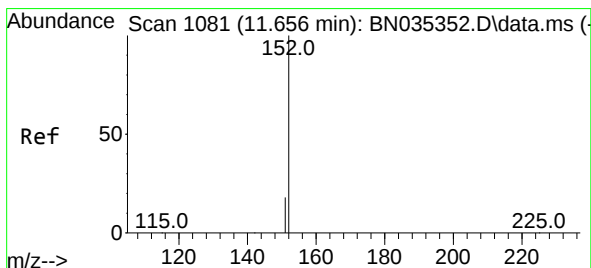
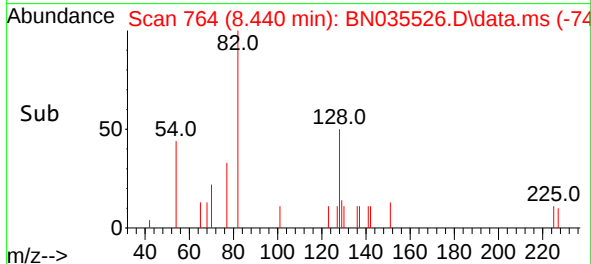
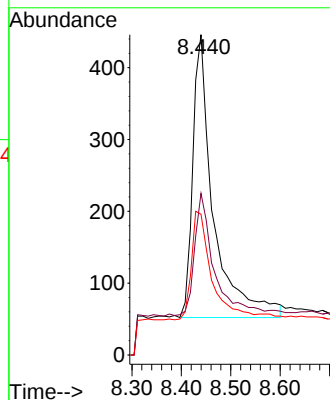
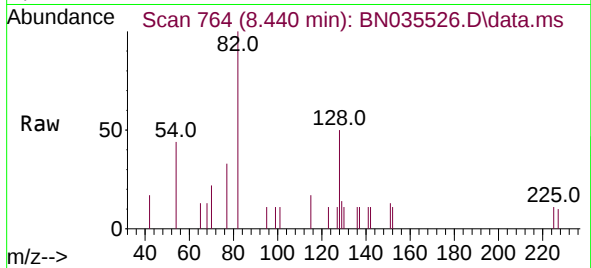




#8
Nitrobenzene-d5
Concen: 0.428 ng
RT: 8.440 min Scan# 764
Delta R.T. 0.000 min
Lab File: BN035526.D
Acq: 10 Dec 2024 10:09

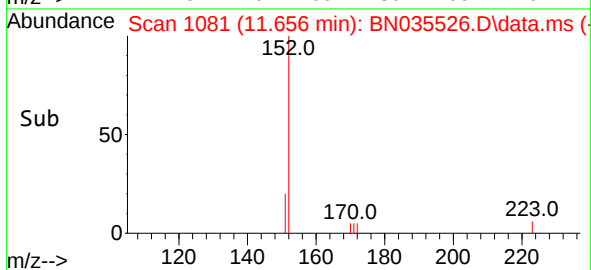
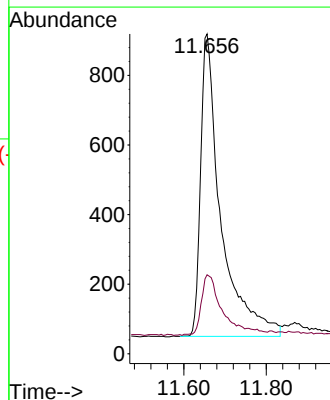
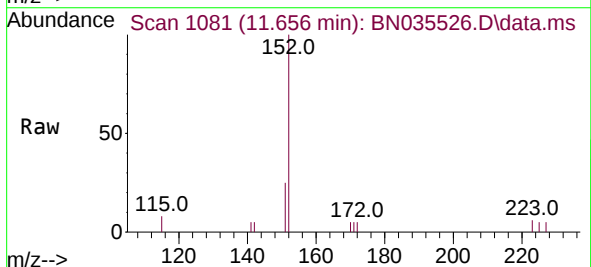
Instrument :
BNA_N
ClientSampleId :
PB165433BL

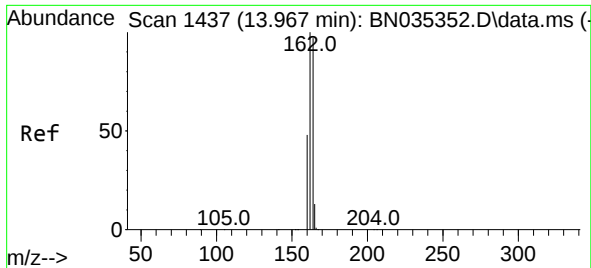
Tgt Ion: 82 Resp: 1142
Ion Ratio Lower Upper
82 100
128 50.4 33.4 50.0#
54 43.9 36.7 55.1



#11
2-Methylnaphthalene-d10
Concen: 0.435 ng
RT: 11.656 min Scan# 1081
Delta R.T. 0.000 min
Lab File: BN035526.D
Acq: 10 Dec 2024 10:09

Tgt Ion: 152 Resp: 2979
Ion Ratio Lower Upper
152 100
151 21.2 16.6 25.0

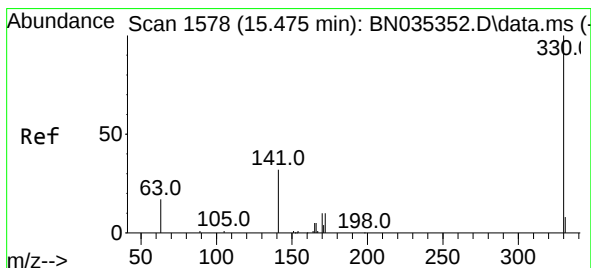
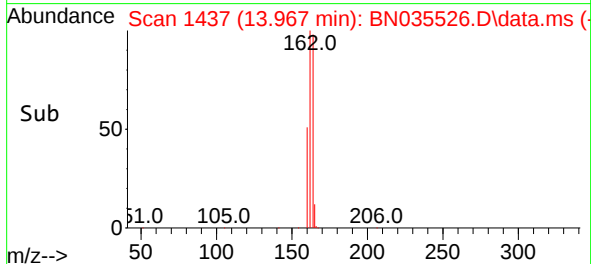
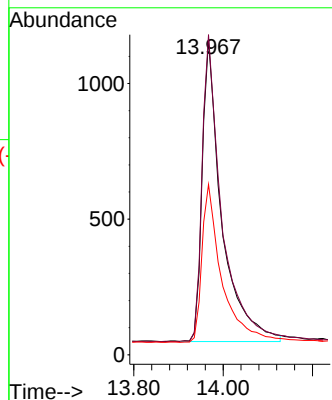
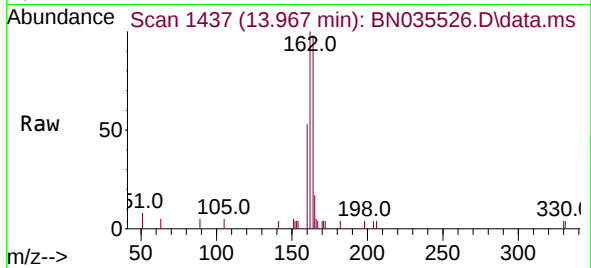




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.967 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BN035526.D
Acq: 10 Dec 2024 10:09

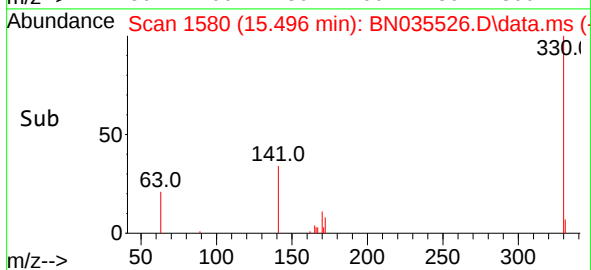
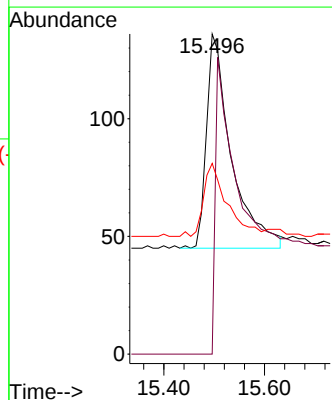
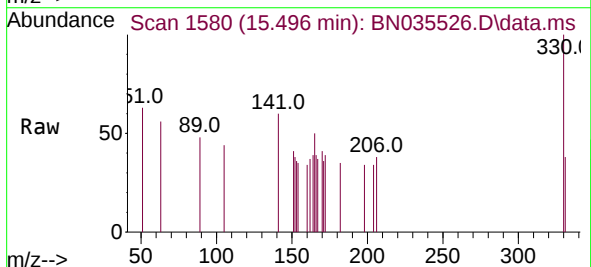
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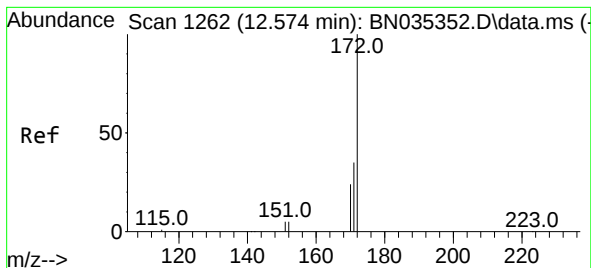
Tgt Ion:164 Resp: 3363
Ion Ratio Lower Upper
164 100
162 101.6 82.2 123.2
160 54.1 40.1 60.1



#14
2,4,6-Tribromophenol
Concen: 0.132 ng
RT: 15.496 min Scan# 1580
Delta R.T. 0.021 min
Lab File: BN035526.D
Acq: 10 Dec 2024 10:09

Tgt Ion:330 Resp: 314
Ion Ratio Lower Upper
330 100
332 178.3 0.0 0.0#
141 32.5 26.6 40.0





#15

2-Fluorobiphenyl

Concen: 0.385 ng

RT: 12.579 min Scan# 1

Delta R.T. 0.005 min

Lab File: BN035526.D

Acq: 10 Dec 2024 10:09

Instrument :

BNA_N

ClientSampleId :

PB165433BL

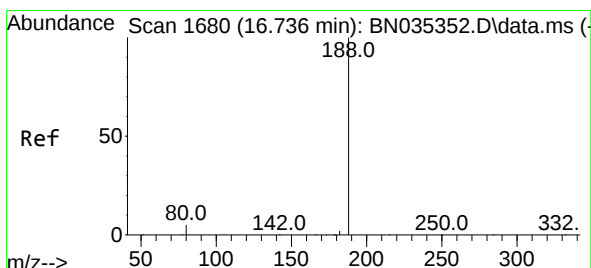
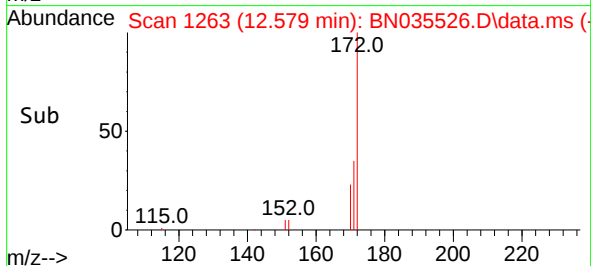
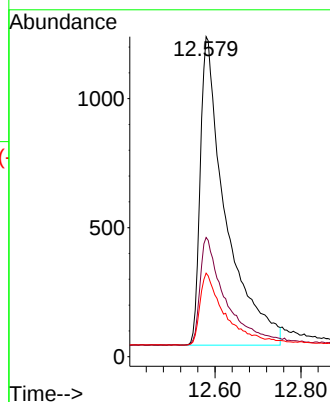
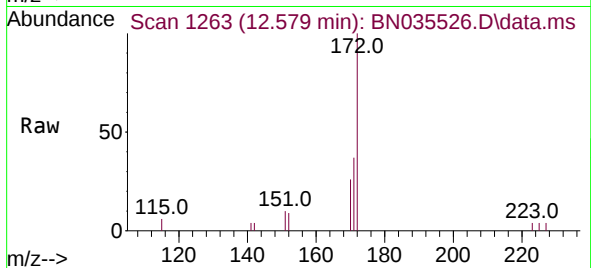
Tgt Ion:172 Resp: 4900

Ion Ratio Lower Upper

172 100

171 37.3 29.0 43.4

170 26.1 19.8 29.8



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.736 min Scan# 1680

Delta R.T. 0.000 min

Lab File: BN035526.D

Acq: 10 Dec 2024 10:09

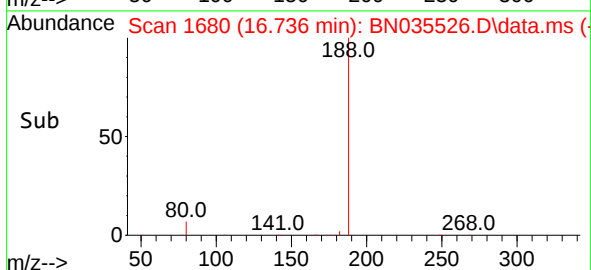
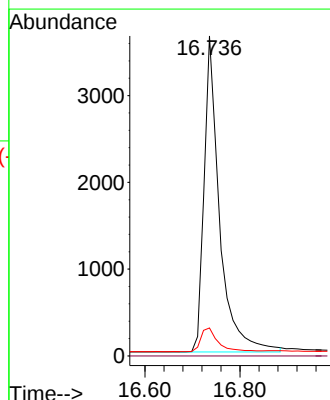
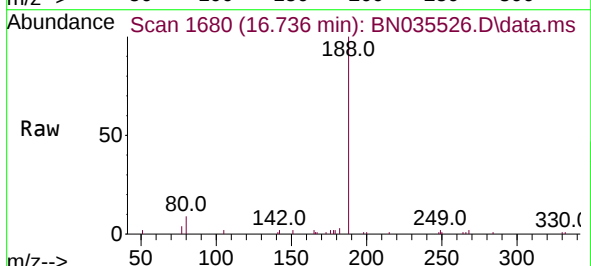
Tgt Ion:188 Resp: 8260

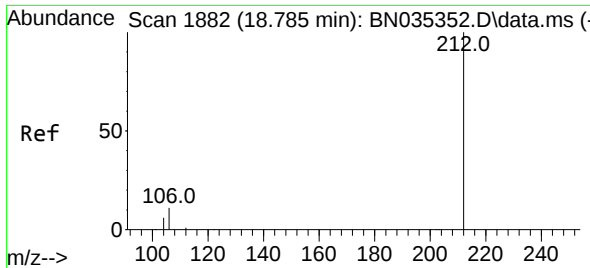
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.8 4.6 6.8#

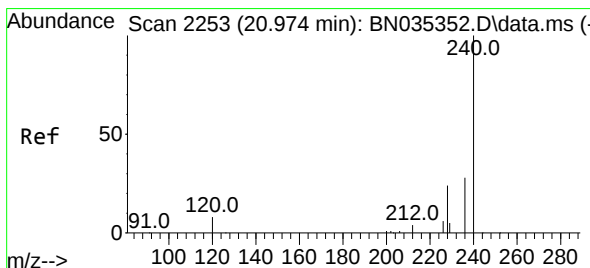
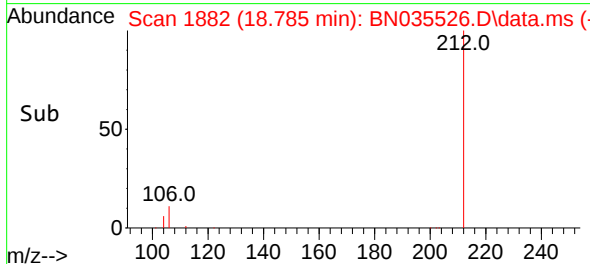
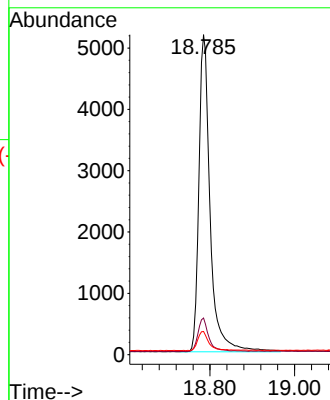
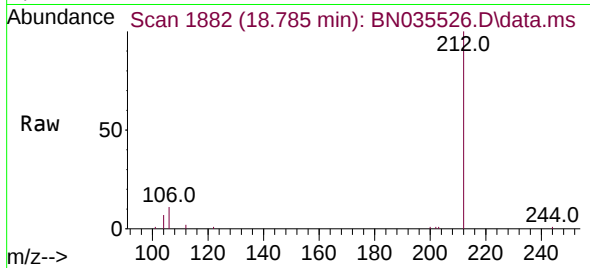




#27
Fluoranthene-d10
Concen: 0.406 ng
RT: 18.785 min Scan# 1882
Delta R.T. 0.000 min
Lab File: BN035526.D
Acq: 10 Dec 2024 10:09

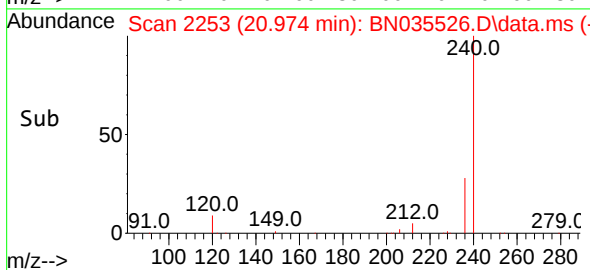
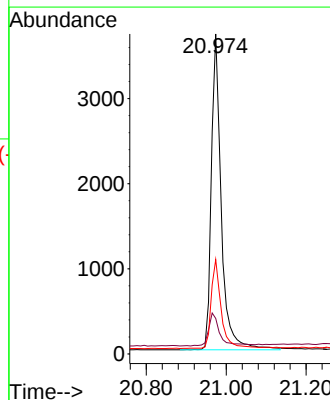
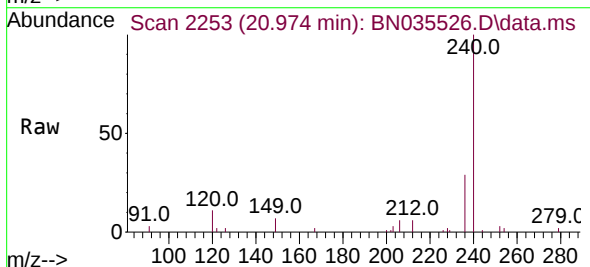
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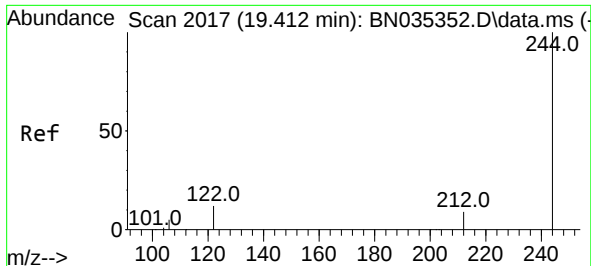
Tgt Ion:212 Resp: 9514
Ion Ratio Lower Upper
212 100
106 10.0 9.2 13.8
104 6.1 5.3 7.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.974 min Scan# 2253
Delta R.T. 0.000 min
Lab File: BN035526.D
Acq: 10 Dec 2024 10:09

Tgt Ion:240 Resp: 6404
Ion Ratio Lower Upper
240 100
120 11.1 7.9 11.9
236 29.5 22.9 34.3

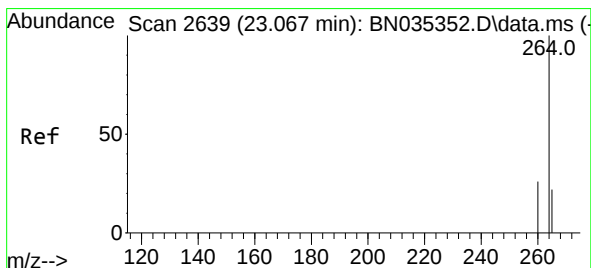
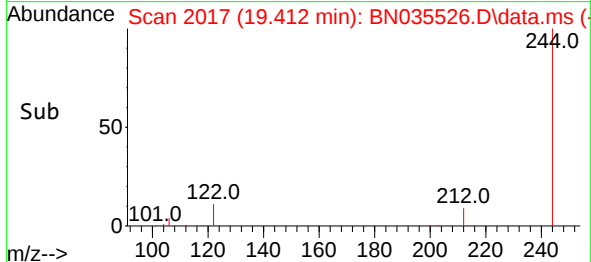
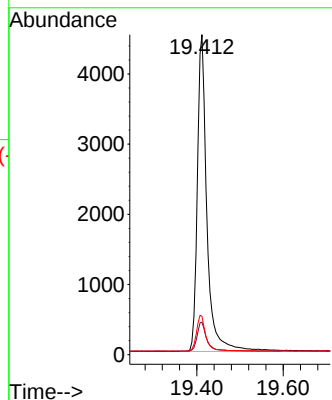
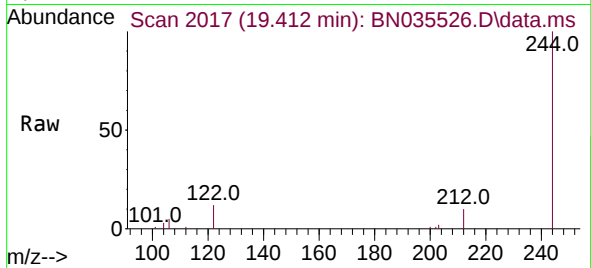




#31
 Terphenyl-d14
 Concen: 0.552 ng
 RT: 19.412 min Scan# 2017
 Delta R.T. 0.000 min
 Lab File: BN035526.D
 Acq: 10 Dec 2024 10:09

Instrument :
 BNA_N
 ClientSampleId :
 PB165433BL

Tgt Ion:244 Resp: 6973
 Ion Ratio Lower Upper
 244 100
 212 10.2 8.1 12.1
 122 12.0 10.3 15.5



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.067 min Scan# 2639
 Delta R.T. 0.000 min
 Lab File: BN035526.D
 Acq: 10 Dec 2024 10:09

Tgt Ion:264 Resp: 5929
 Ion Ratio Lower Upper
 264 100
 260 27.4 21.4 32.2
 265 77.3 40.2 60.4#

