

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020525\
 Data File : BN036304.D
 Acq On : 05 Feb 2025 19:23
 Operator : RC/JU
 Sample : PB166419BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB166419BL

Quant Time: Feb 06 01:05:42 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 01:04:09 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	2281	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	4739	0.400	ng	# 0.01
13) Acenaphthene-d10	14.420	164	2373	0.400	ng	0.01
19) Phenanthrene-d10	17.161	188	4104	0.400	ng	0.00
29) Chrysene-d12	21.349	240	3515	0.400	ng	0.00
35) Perylene-d12	23.633	264	3933	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.370	112	2309	0.389	ng	0.00
5) Phenol-d6	6.959	99	2366	0.340	ng	0.00
8) Nitrobenzene-d5	8.929	82	1910	0.427	ng	0.00
11) 2-Methylnaphthalene-d10	12.172	152	2668	0.414	ng	0.02
14) 2,4,6-Tribromophenol	15.920	330	302	0.198	ng	0.01
15) 2-Fluorobiphenyl	13.051	172	3732	0.352	ng	0.01
27) Fluoranthene-d10	19.192	212	4310	0.405	ng	0.00
31) Terphenyl-d14	19.791	244	3416	0.468	ng	0.00

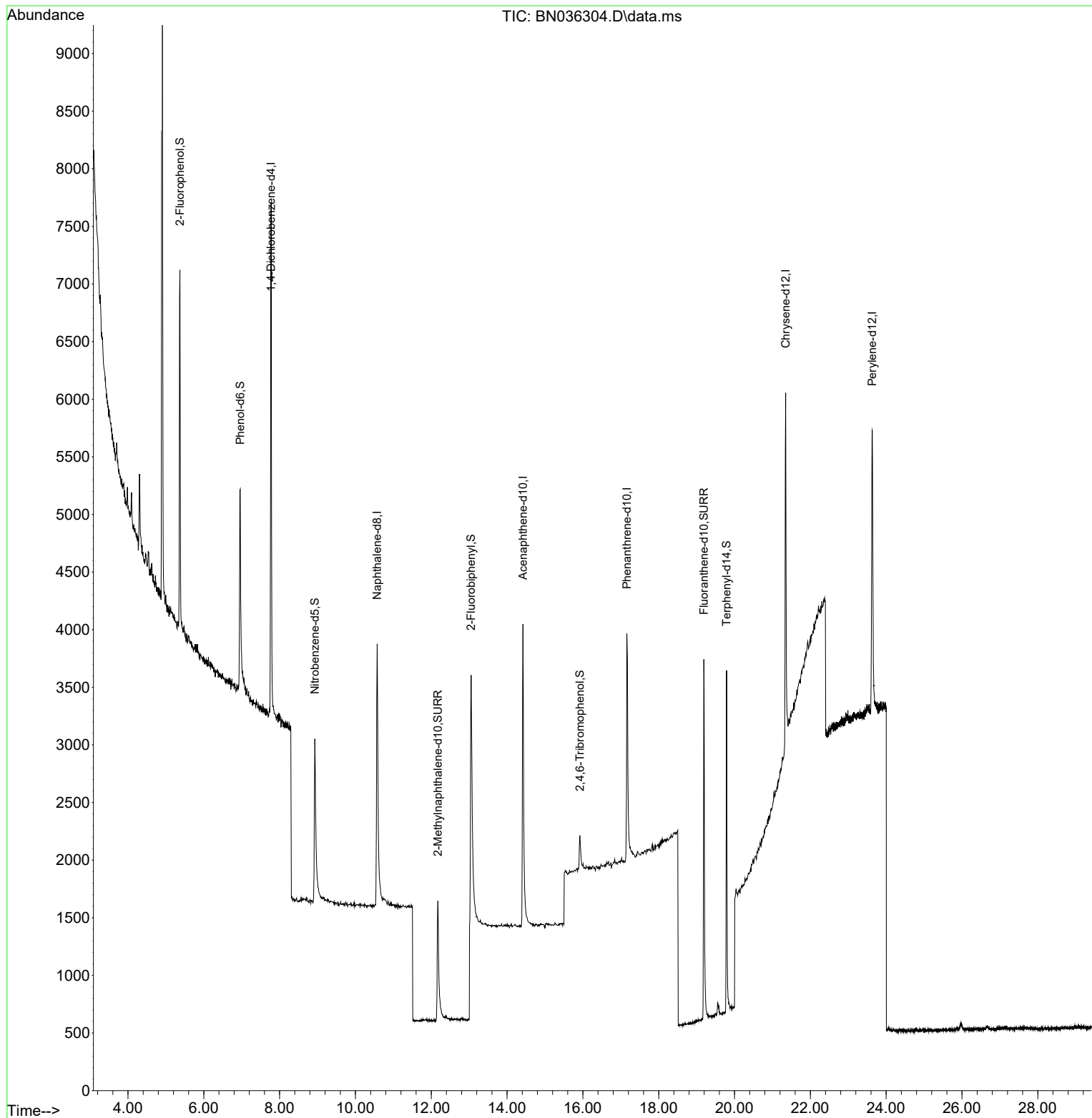
Target Compounds Qvalue

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

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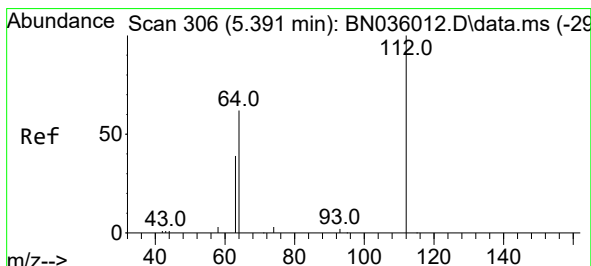
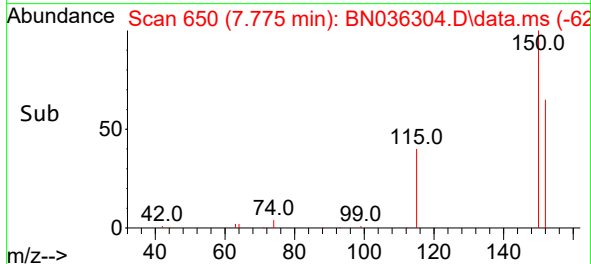
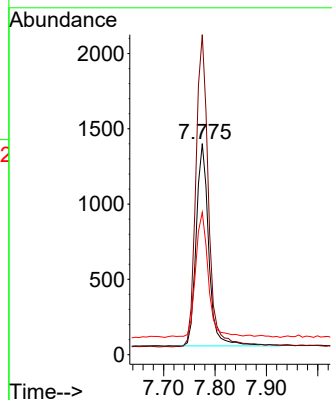
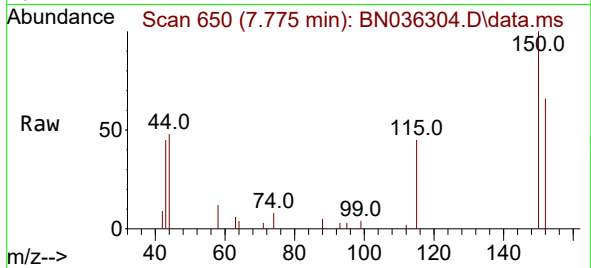




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN036304.D
Acq: 05 Feb 2025 19:23

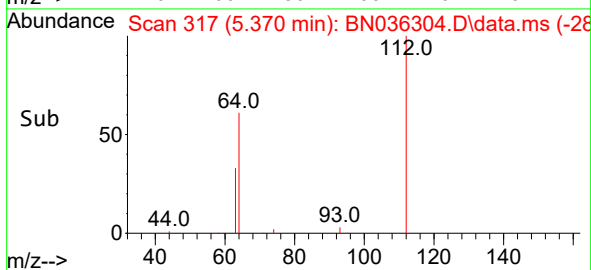
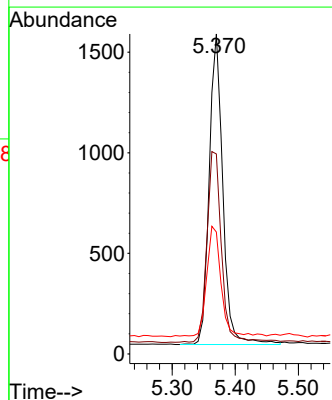
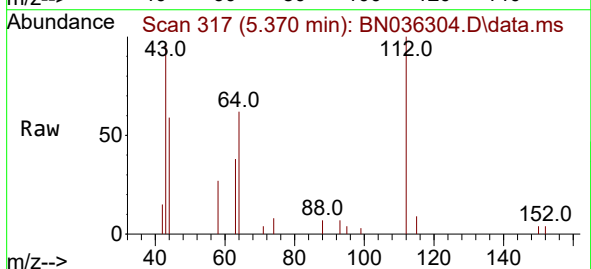
Instrument :
BNA_N
ClientSampleId :
PB166419BL

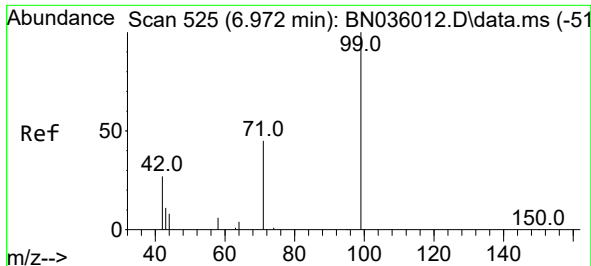
Tgt Ion:152 Resp: 2281
Ion Ratio Lower Upper
152 100
150 151.7 117.4 176.2
115 67.5 51.0 76.4



#4
2-Fluorophenol
Concen: 0.389 ng
RT: 5.370 min Scan# 317
Delta R.T. 0.007 min
Lab File: BN036304.D
Acq: 05 Feb 2025 19:23

Tgt Ion:112 Resp: 2309
Ion Ratio Lower Upper
112 100
64 66.2 50.0 75.0
63 37.1 30.7 46.1

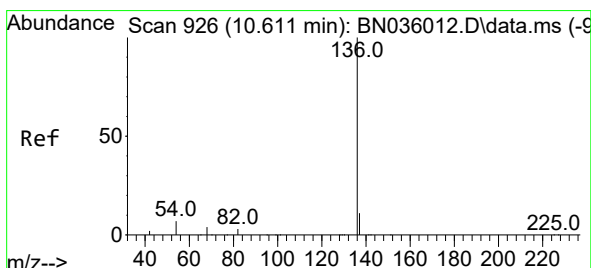
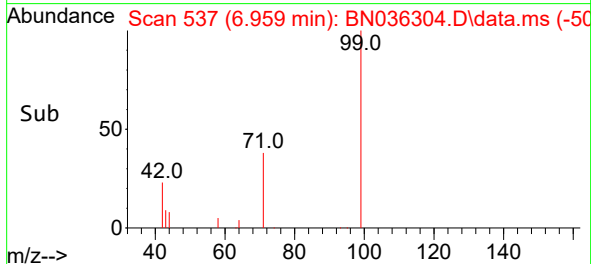
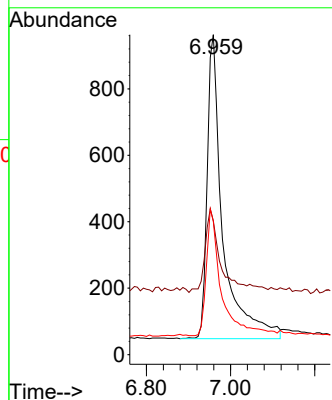
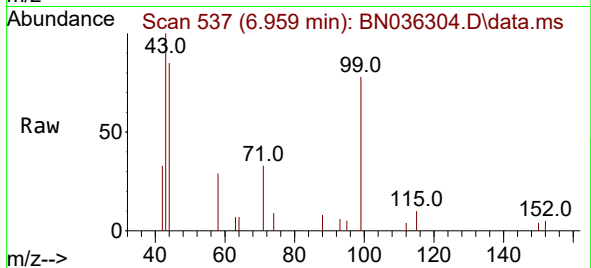




#5
Phenol-d6
Concen: 0.340 ng
RT: 6.959 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN036304.D
Acq: 05 Feb 2025 19:23

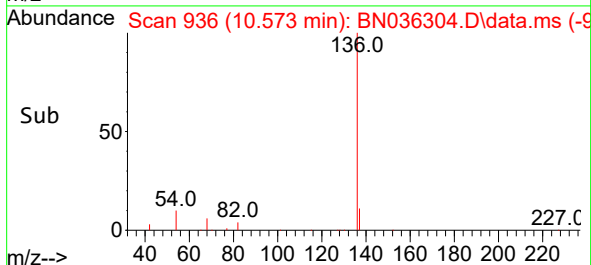
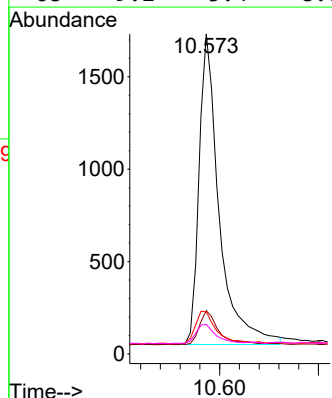
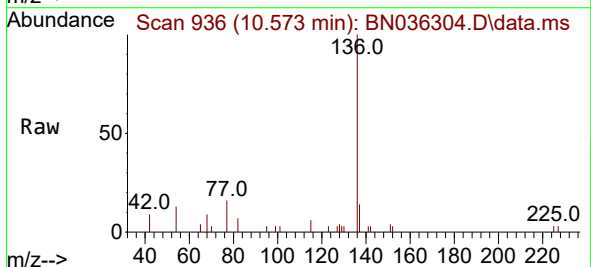
Instrument :
BNA_N
ClientSampleId :
PB166419BL

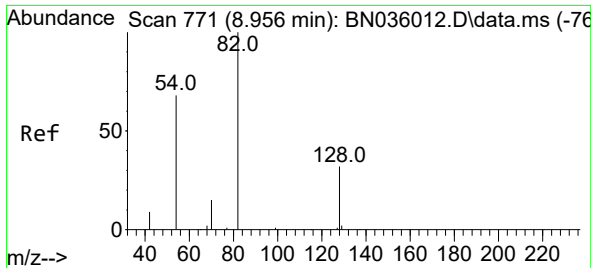
Tgt Ion:	99	Resp:	2366
Ion	Ratio	Lower	Upper
99	100		
42	27.9	26.8	40.2
71	39.9	36.6	55.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 936
Delta R.T. 0.011 min
Lab File: BN036304.D
Acq: 05 Feb 2025 19:23

Tgt Ion:	136	Resp:	4739
Ion	Ratio	Lower	Upper
136	100		
137	13.6	10.4	15.6
54	13.2	7.7	11.5#
68	9.2	5.4	8.0#

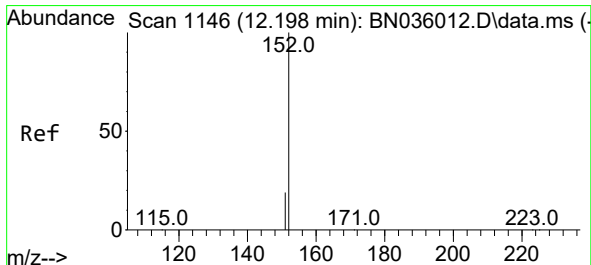
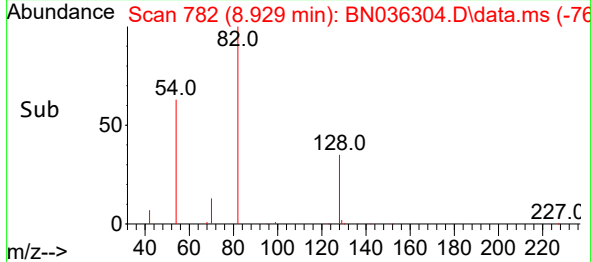
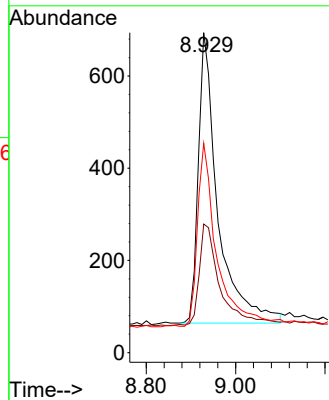
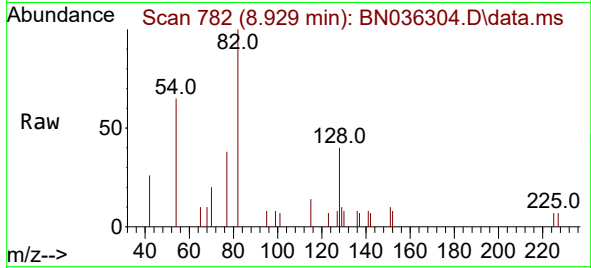




#8
Nitrobenzene-d5
Concen: 0.427 ng
RT: 8.929 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN036304.D
Acq: 05 Feb 2025 19:23

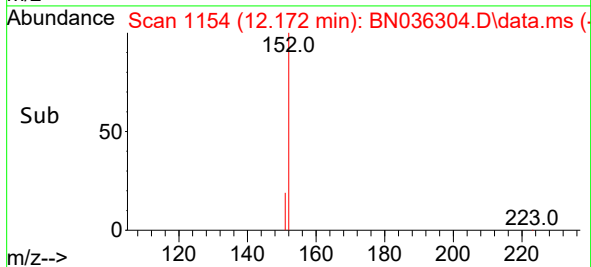
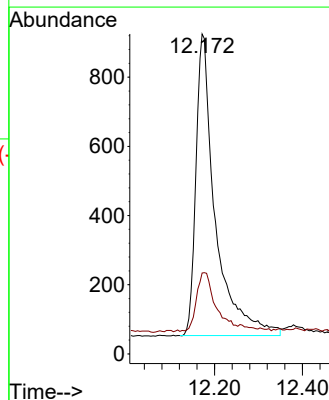
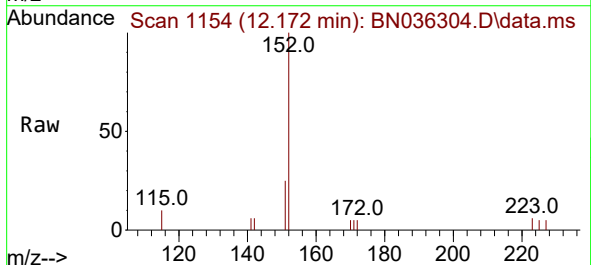
Instrument :
BNA_N
ClientSampleId :
PB166419BL

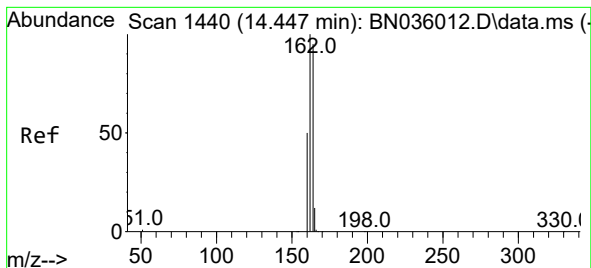
Tgt Ion: 82 Resp: 1910
Ion Ratio Lower Upper
82 100
128 40.2 28.8 43.2
54 65.4 55.8 83.8



#11
2-Methylnaphthalene-d10
Concen: 0.414 ng
RT: 12.172 min Scan# 1154
Delta R.T. 0.015 min
Lab File: BN036304.D
Acq: 05 Feb 2025 19:23

Tgt Ion: 152 Resp: 2668
Ion Ratio Lower Upper
152 100
151 19.3 16.6 25.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.420 min Scan# 1440

Delta R.T. 0.011 min

Lab File: BN036304.D

Acq: 05 Feb 2025 19:23

Instrument :

BNA_N

ClientSampleId :

PB166419BL

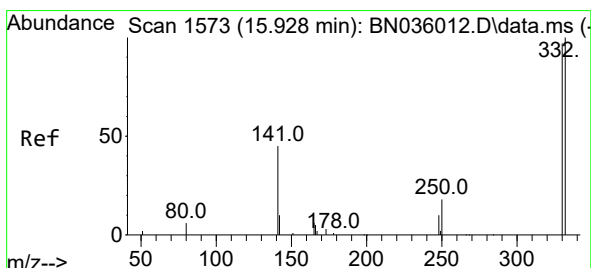
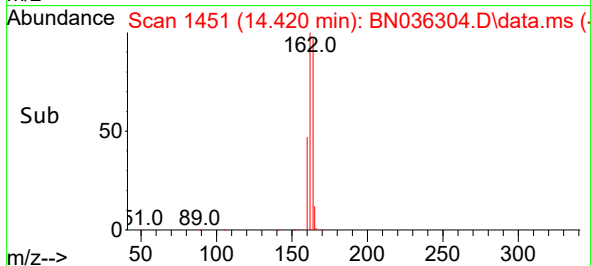
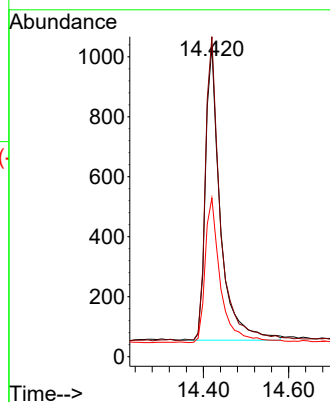
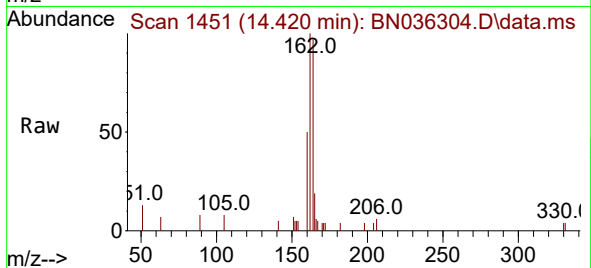
Tgt Ion:164 Resp: 2373

Ion Ratio Lower Upper

164 100

162 103.0 84.1 126.1

160 51.1 43.8 65.8



#14

2,4,6-Tribromophenol

Concen: 0.198 ng

RT: 15.920 min Scan# 1586

Delta R.T. 0.012 min

Lab File: BN036304.D

Acq: 05 Feb 2025 19:23

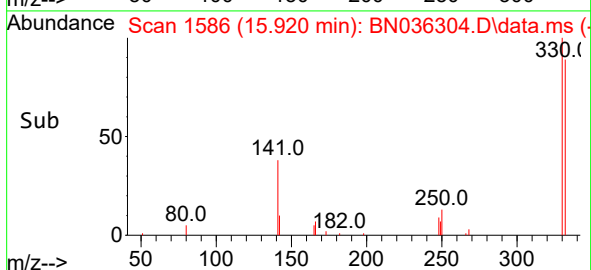
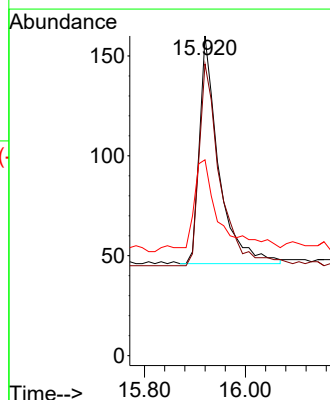
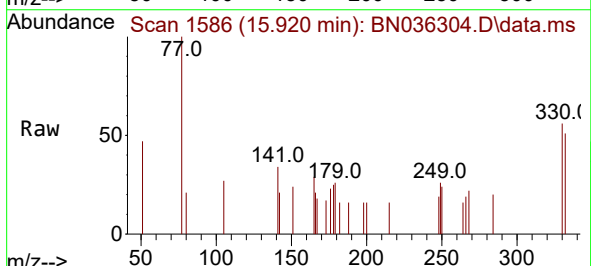
Tgt Ion:330 Resp: 302

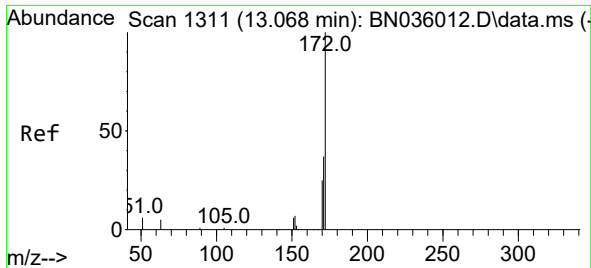
Ion Ratio Lower Upper

330 100

332 95.4 81.0 121.4

141 47.7 36.7 55.1

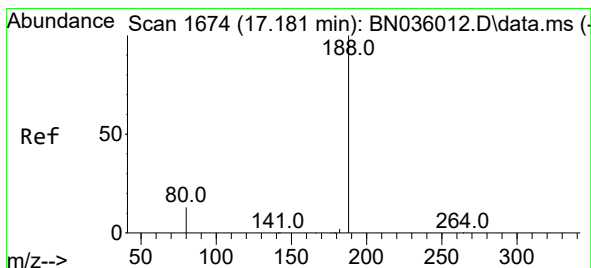
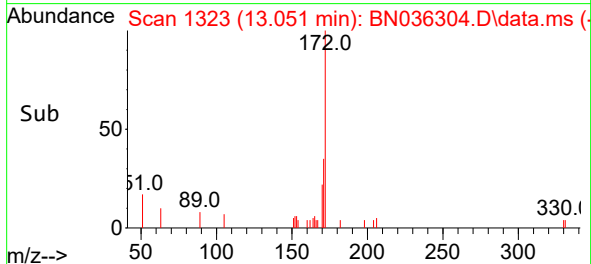
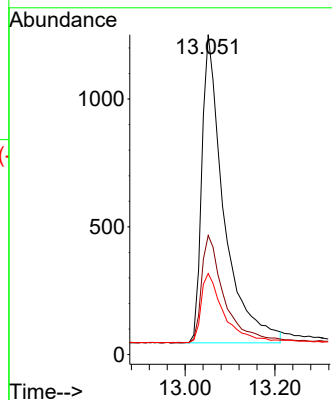
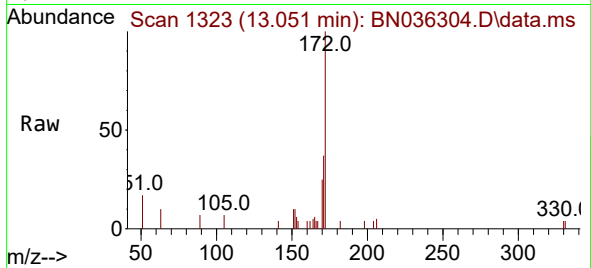




#15
2-Fluorobiphenyl
Concen: 0.352 ng
RT: 13.051 min Scan# 11
Delta R.T. 0.011 min
Lab File: BN036304.D
Acq: 05 Feb 2025 19:23

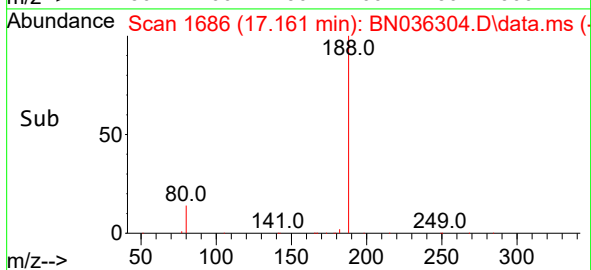
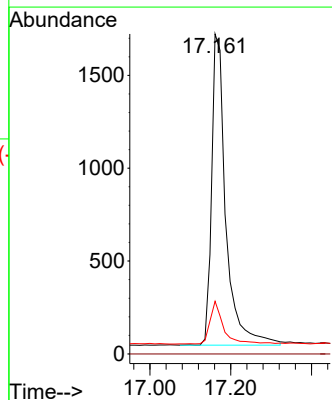
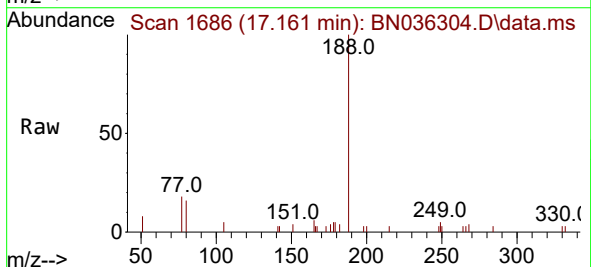
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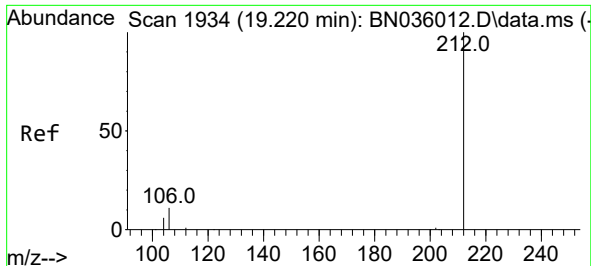
Tgt Ion:172 Resp: 3732
Ion Ratio Lower Upper
172 100
171 37.2 30.9 46.3
170 25.3 21.2 31.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.161 min Scan# 1686
Delta R.T. -0.000 min
Lab File: BN036304.D
Acq: 05 Feb 2025 19:23

Tgt Ion:188 Resp: 4104
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 16.4 12.3 18.5

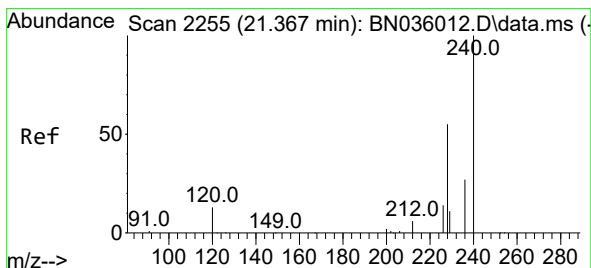
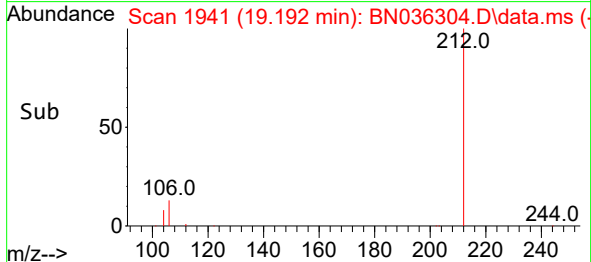
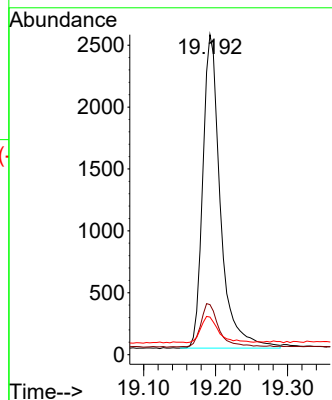
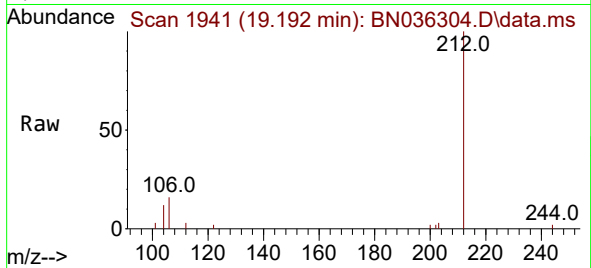




#27
Fluoranthene-d10
Concen: 0.405 ng
RT: 19.192 min Scan# 1941
Delta R.T. 0.005 min
Lab File: BN036304.D
Acq: 05 Feb 2025 19:23

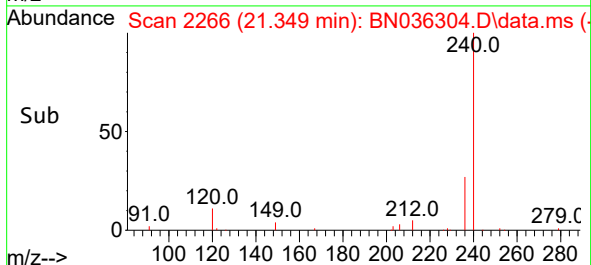
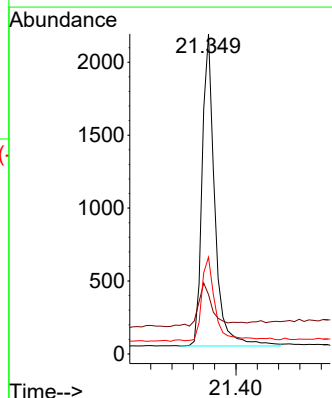
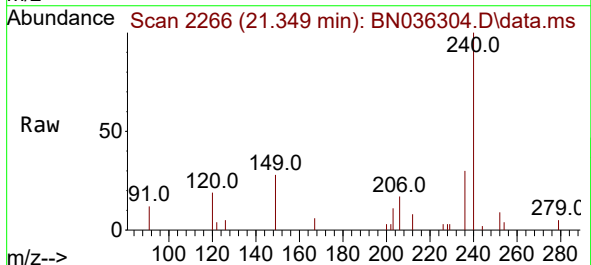
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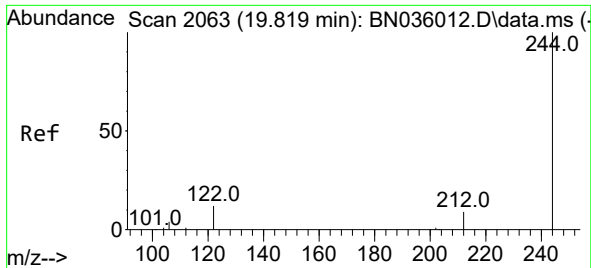
Tgt Ion:212 Resp: 4310
Ion Ratio Lower Upper
212 100
106 14.0 9.7 14.5
104 8.6 6.0 9.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.349 min Scan# 2266
Delta R.T. 0.009 min
Lab File: BN036304.D
Acq: 05 Feb 2025 19:23

Tgt Ion:240 Resp: 3515
Ion Ratio Lower Upper
240 100
120 18.6 13.9 20.9
236 30.3 23.7 35.5

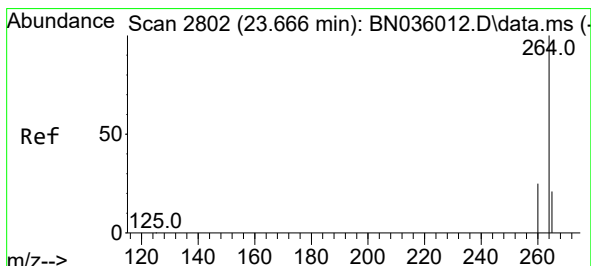
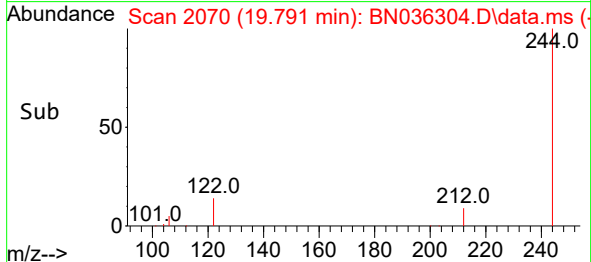
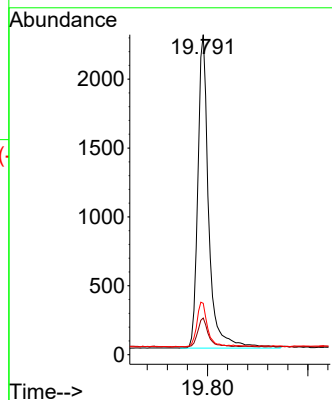
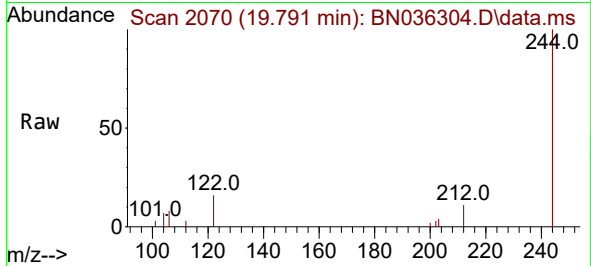




#31
Terphenyl-d14
Concen: 0.468 ng
RT: 19.791 min Scan# 2063
Delta R.T. -0.000 min
Lab File: BN036304.D
Acq: 05 Feb 2025 19:23

Instrument :
BNA_N
ClientSampleId :
PB166419BL

Tgt Ion:244 Resp: 3416
Ion Ratio Lower Upper
244 100
212 11.5 9.1 13.7
122 16.1 11.3 16.9



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.633 min Scan# 2804
Delta R.T. 0.006 min
Lab File: BN036304.D
Acq: 05 Feb 2025 19:23

Tgt Ion:264 Resp: 3933
Ion Ratio Lower Upper
264 100
260 26.3 21.8 32.6
265 133.1 56.6 84.8#

