

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020525\
 Data File : BN036329.D
 Acq On : 06 Feb 2025 11:03
 Operator : RC/JU
 Sample : PB166237BL
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB166237BL

Quant Time: Feb 06 11:38:02 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	2019	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	4128	0.400	ng	# 0.01
13) Acenaphthene-d10	14.420	164	2036	0.400	ng	0.01
19) Phenanthrene-d10	17.173	188	3826	0.400	ng	0.01
29) Chrysene-d12	21.349	240	3617	0.400	ng	0.00
35) Perylene-d12	23.627	264	3788	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.363	112	1996	0.380	ng	0.00
5) Phenol-d6	6.952	99	1975	0.320	ng	0.00
8) Nitrobenzene-d5	8.929	82	1672	0.429	ng	0.00
11) 2-Methylnaphthalene-d10	12.177	152	2244	0.400	ng	0.02
14) 2,4,6-Tribromophenol	15.932	330	243	0.186	ng	0.02
15) 2-Fluorobiphenyl	13.062	172	3465	0.381	ng	0.02
27) Fluoranthene-d10	19.192	212	4362	0.440	ng	0.00
31) Terphenyl-d14	19.791	244	3471	0.462	ng	0.00

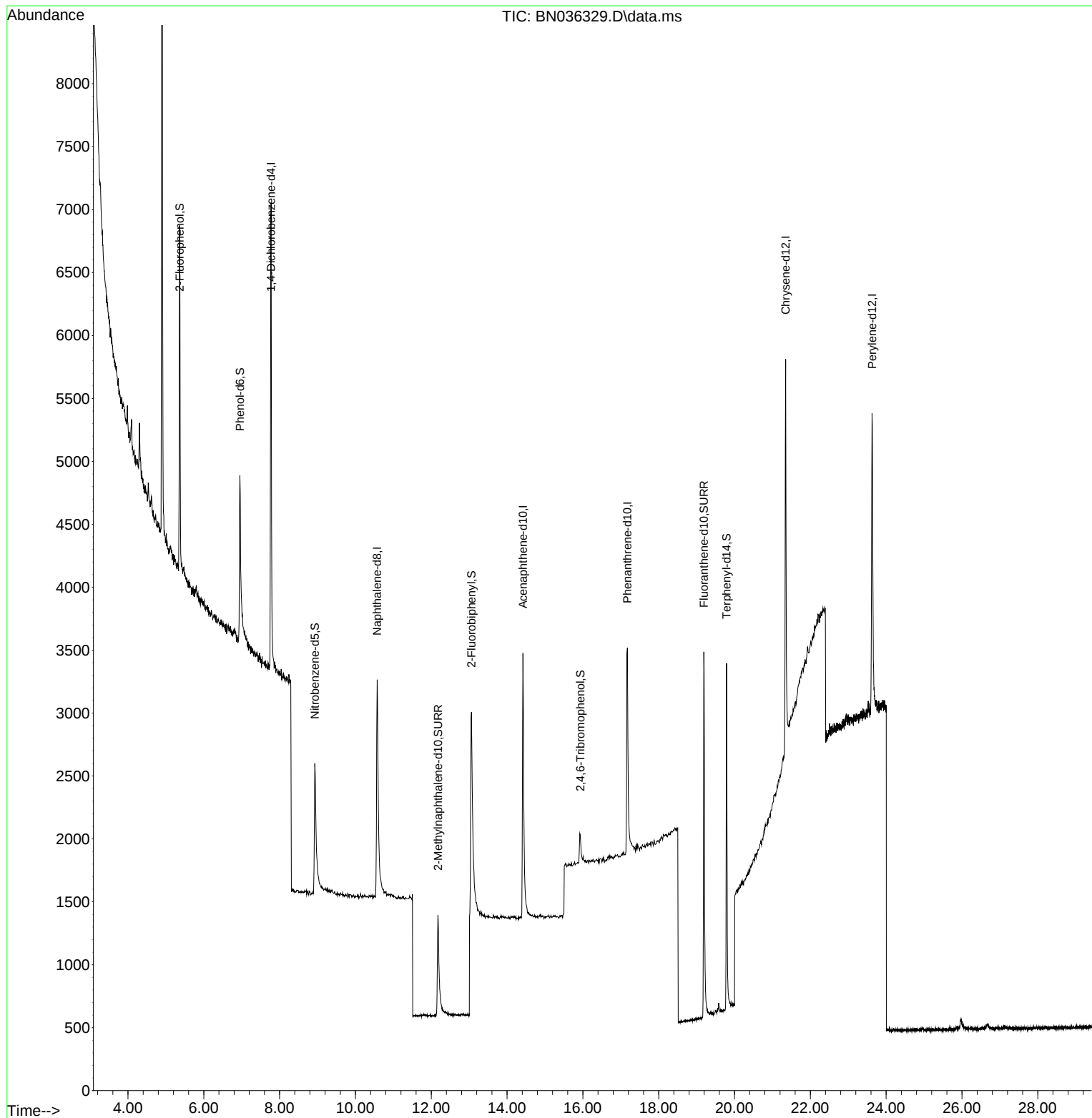
Target Compounds Qvalue

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

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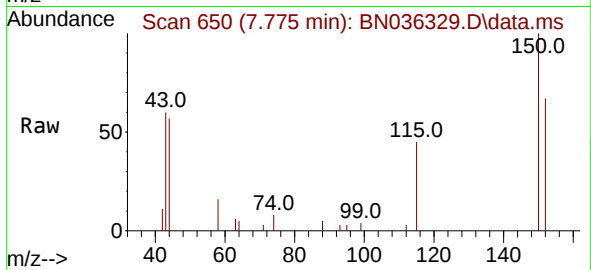
Quant Time: Feb 06 11:38:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 01:04:09 2025
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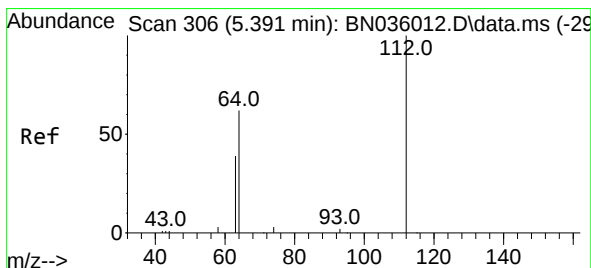
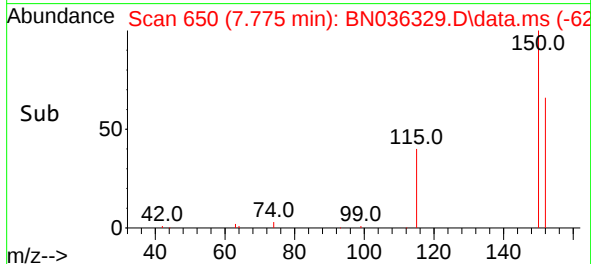
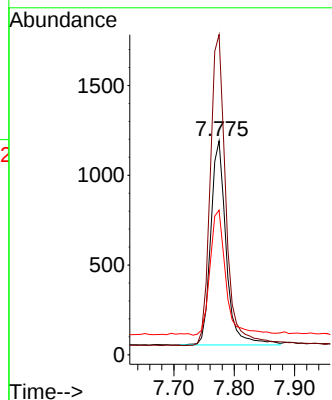


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN036329.D
Acq: 06 Feb 2025 11:03

Instrument :
BNA_N
ClientSampleId :
PB166237BL

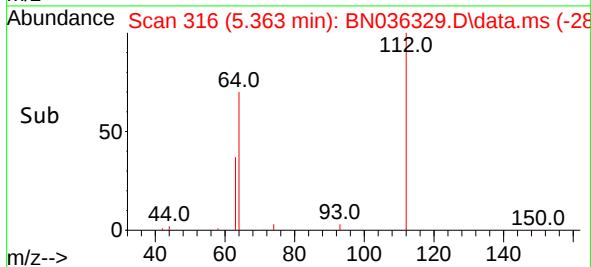
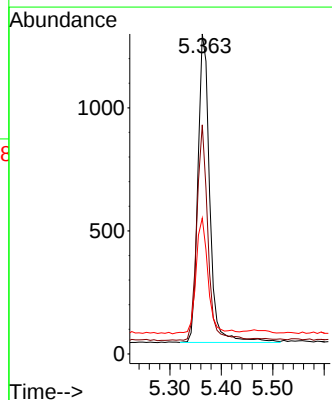
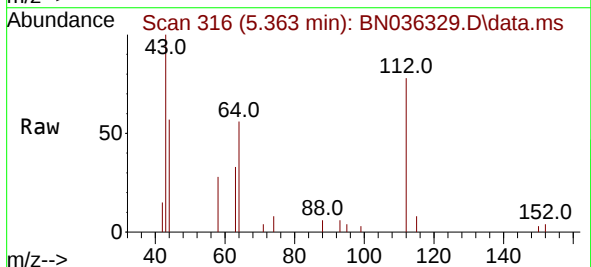


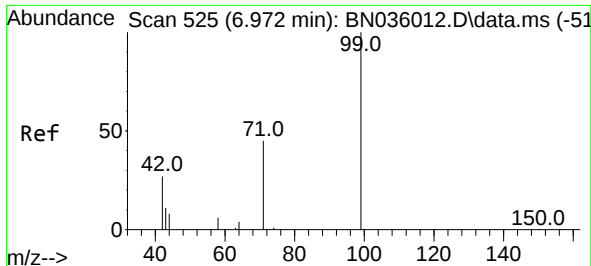
Tgt Ion:152 Resp: 2019
Ion Ratio Lower Upper
152 100
150 149.7 117.4 176.2
115 67.6 51.0 76.4



#4
2-Fluorophenol
Concen: 0.380 ng
RT: 5.363 min Scan# 316
Delta R.T. -0.000 min
Lab File: BN036329.D
Acq: 06 Feb 2025 11:03

Tgt Ion:112 Resp: 1996
Ion Ratio Lower Upper
112 100
64 65.2 50.0 75.0
63 38.5 30.7 46.1

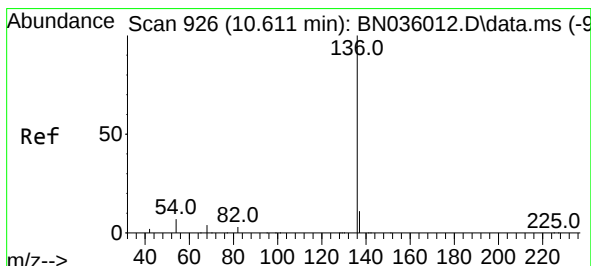
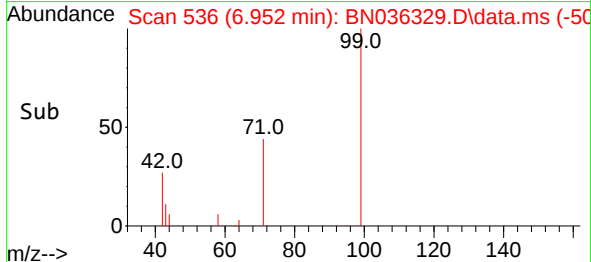
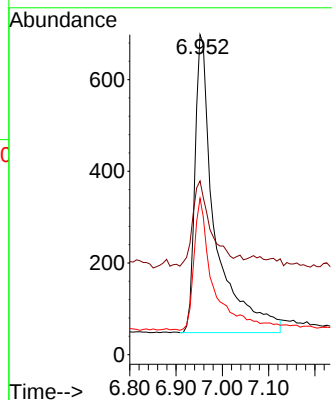
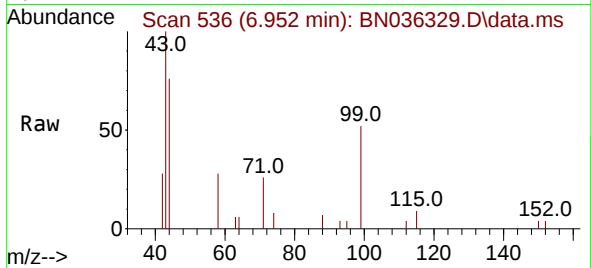




#5
Phenol-d6
Concen: 0.320 ng
RT: 6.952 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN036329.D
Acq: 06 Feb 2025 11:03

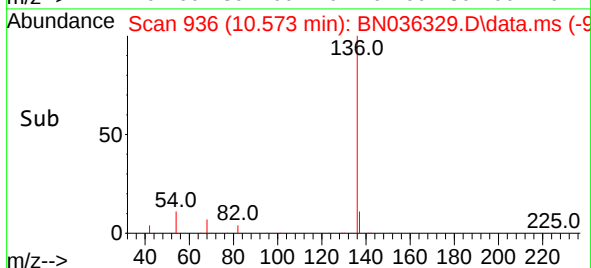
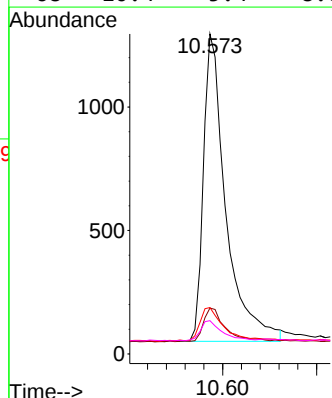
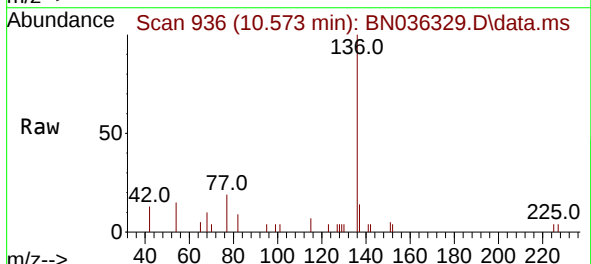
Instrument :
BNA_N
ClientSampleId :
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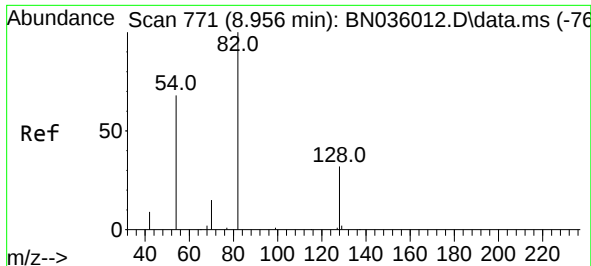
Tgt Ion: 99 Resp: 1975
Ion Ratio Lower Upper
99 100
42 24.9 26.8 40.2#
71 43.1 36.6 55.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 936
Delta R.T. 0.011 min
Lab File: BN036329.D
Acq: 06 Feb 2025 11:03

Tgt Ion: 136 Resp: 4128
Ion Ratio Lower Upper
136 100
137 14.4 10.4 15.6
54 14.5 7.7 11.5#
68 10.4 5.4 8.0#

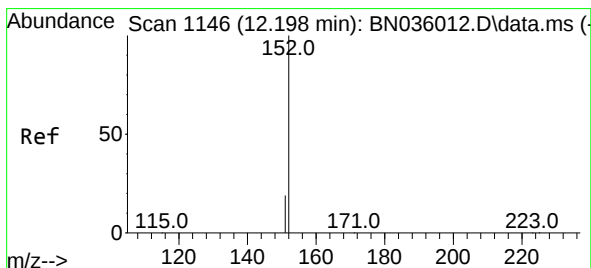
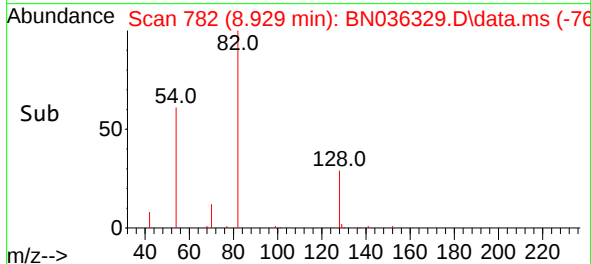
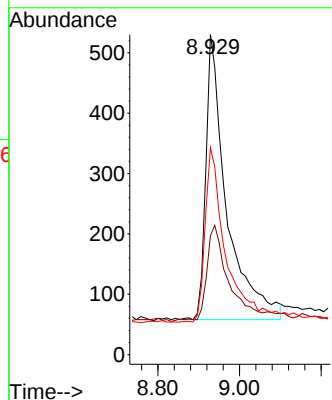
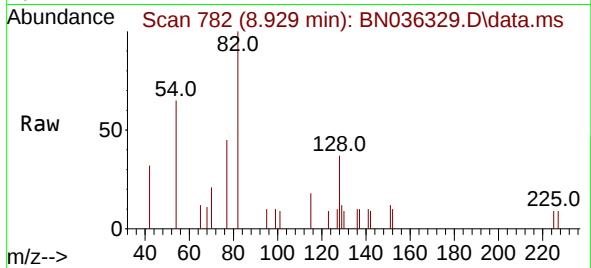




#8
Nitrobenzene-d5
Concen: 0.429 ng
RT: 8.929 min Scan# 771
Delta R.T. -0.000 min
Lab File: BN036329.D
Acq: 06 Feb 2025 11:03

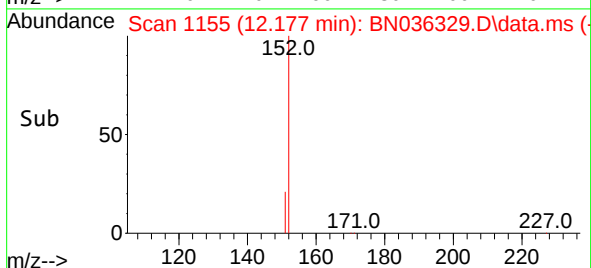
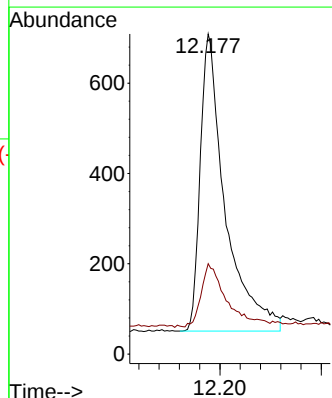
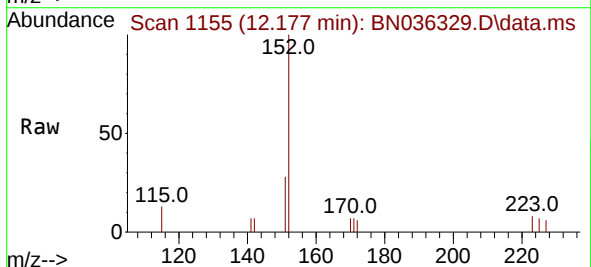
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BNA_N
ClientSampleId :
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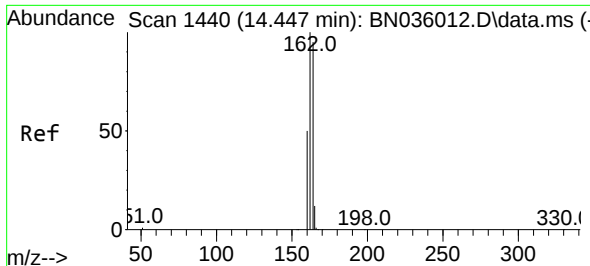
Tgt Ion: 82 Resp: 1672
Ion Ratio Lower Upper
82 100
128 37.2 28.8 43.2
54 64.7 55.8 83.8



#11
2-Methylnaphthalene-d10
Concen: 0.400 ng
RT: 12.177 min Scan# 1155
Delta R.T. 0.020 min
Lab File: BN036329.D
Acq: 06 Feb 2025 11:03

Tgt Ion:152 Resp: 2244
Ion Ratio Lower Upper
152 100
151 21.8 16.6 25.0

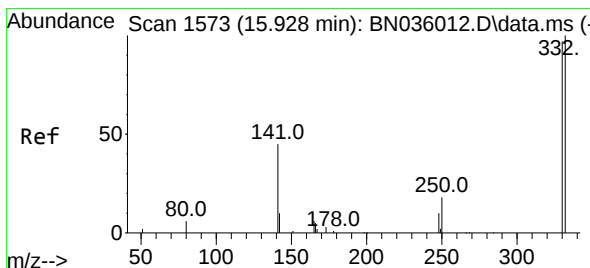
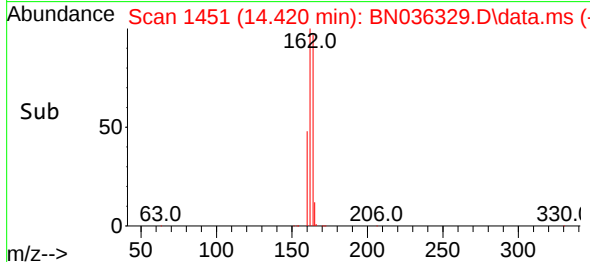
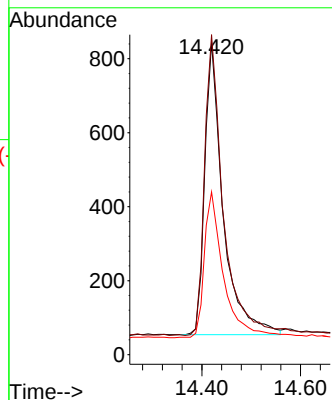
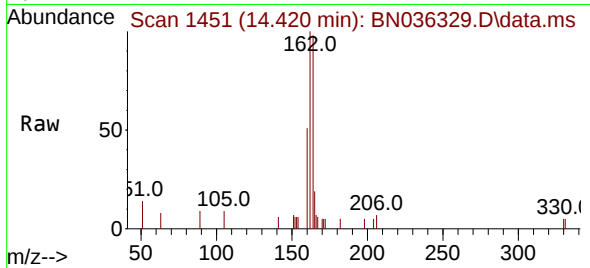




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.420 min Scan# 14
Delta R.T. 0.011 min
Lab File: BN036329.D
Acq: 06 Feb 2025 11:03

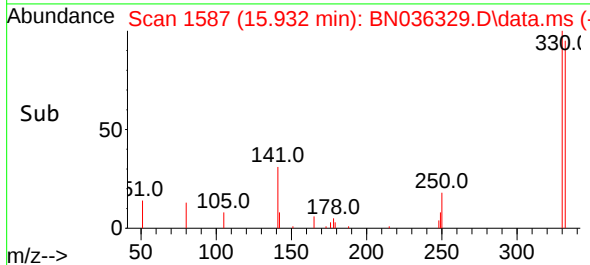
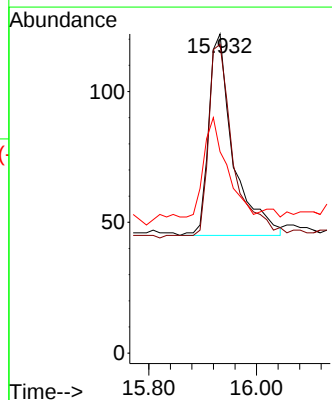
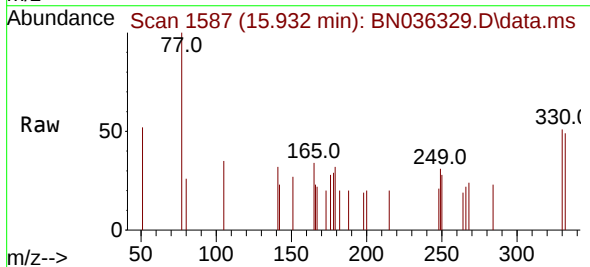
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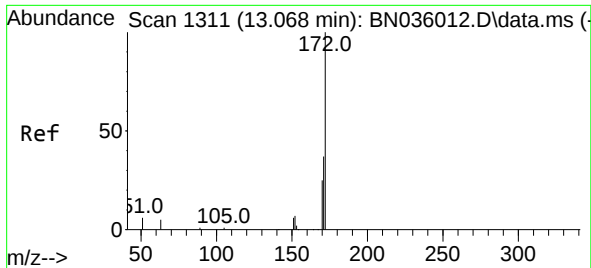
Tgt Ion:164 Resp: 2036
Ion Ratio Lower Upper
164 100
162 102.5 84.1 126.1
160 52.1 43.8 65.8



#14
2,4,6-Tribromophenol
Concen: 0.186 ng
RT: 15.932 min Scan# 1587
Delta R.T. 0.025 min
Lab File: BN036329.D
Acq: 06 Feb 2025 11:03

Tgt Ion:330 Resp: 243
Ion Ratio Lower Upper
330 100
332 94.2 81.0 121.4
141 48.1 36.7 55.1

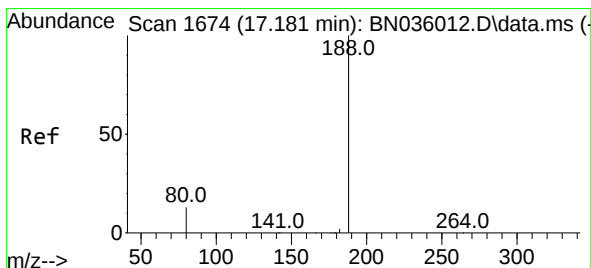
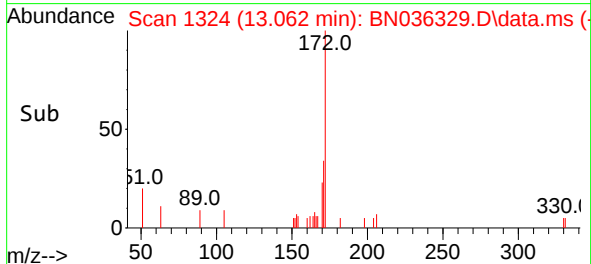
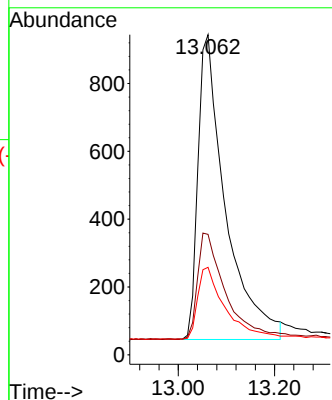
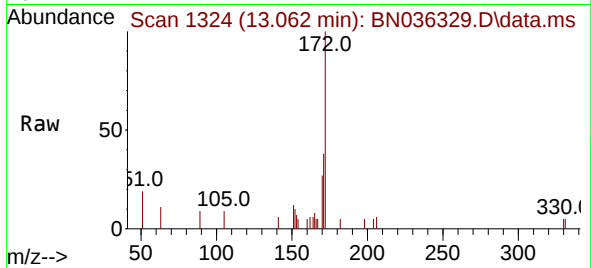




#15
2-Fluorobiphenyl
Concen: 0.381 ng
RT: 13.062 min Scan# 11
Delta R.T. 0.021 min
Lab File: BN036329.D
Acq: 06 Feb 2025 11:03

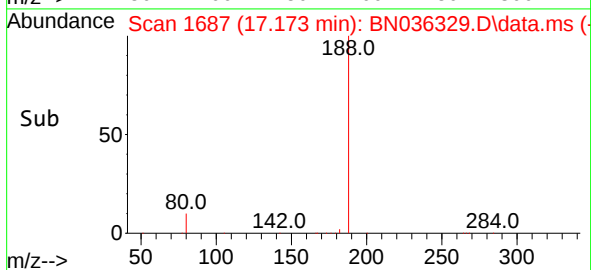
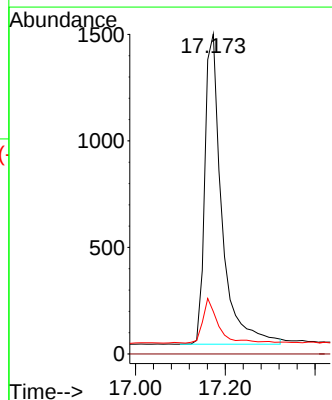
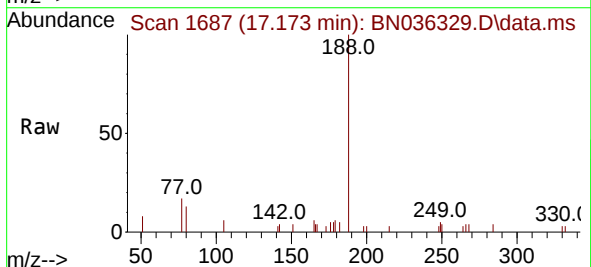
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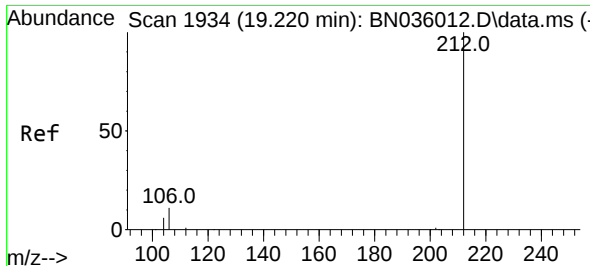
Tgt Ion:	172	Resp:	3465
Ion Ratio	Lower	Upper	
172	100		
171	37.6	30.9	46.3
170	27.3	21.2	31.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.173 min Scan# 1687
Delta R.T. 0.012 min
Lab File: BN036329.D
Acq: 06 Feb 2025 11:03

Tgt Ion:	188	Resp:	3826
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	13.2	12.3	18.5

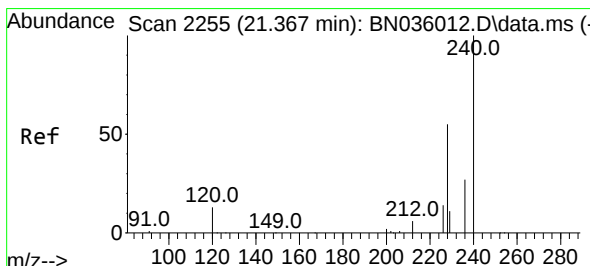
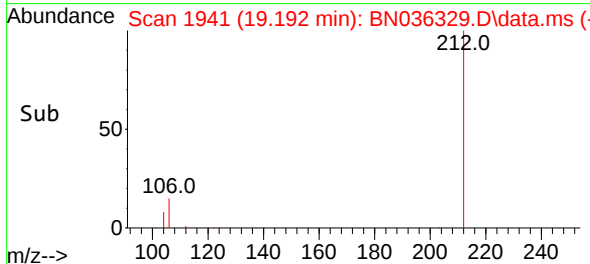
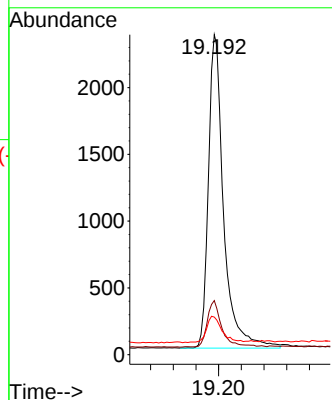
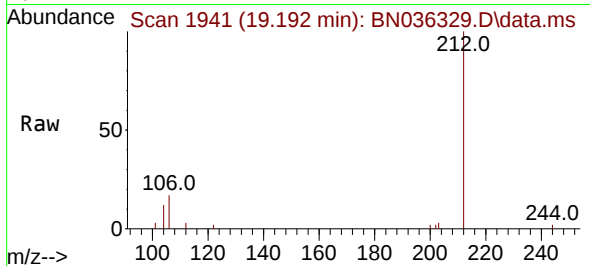




#27
Fluoranthene-d10
Concen: 0.440 ng
RT: 19.192 min Scan# 1941
Delta R.T. 0.005 min
Lab File: BN036329.D
Acq: 06 Feb 2025 11:03

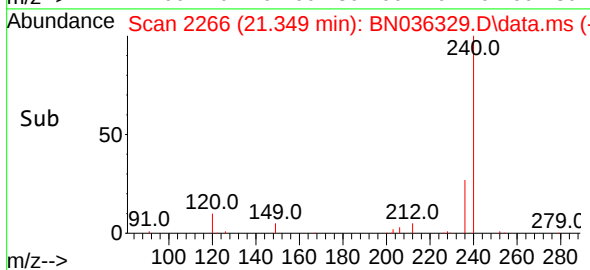
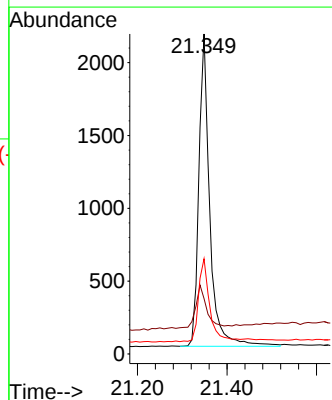
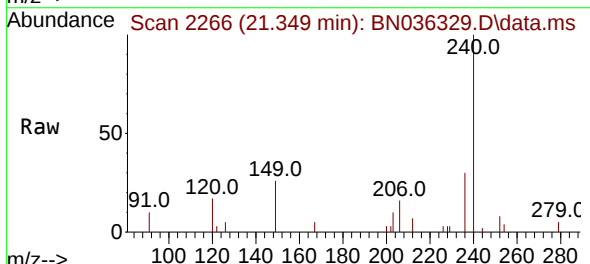
Instrument :
BNA_N
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PB166237BL

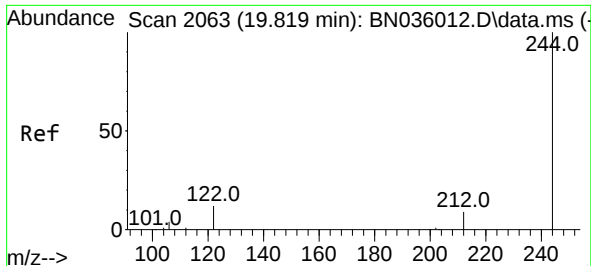
Tgt Ion:212 Resp: 4362
Ion Ratio Lower Upper
212 100
106 13.8 9.7 14.5
104 8.4 6.0 9.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.349 min Scan# 2266
Delta R.T. 0.009 min
Lab File: BN036329.D
Acq: 06 Feb 2025 11:03

Tgt Ion:240 Resp: 3617
Ion Ratio Lower Upper
240 100
120 17.3 13.9 20.9
236 29.8 23.7 35.5

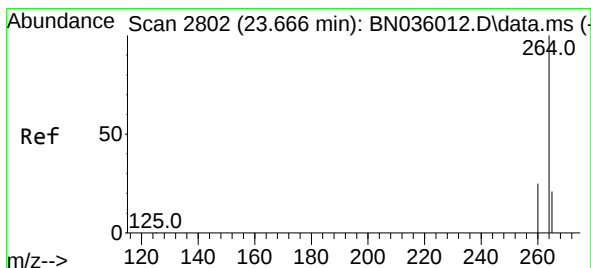
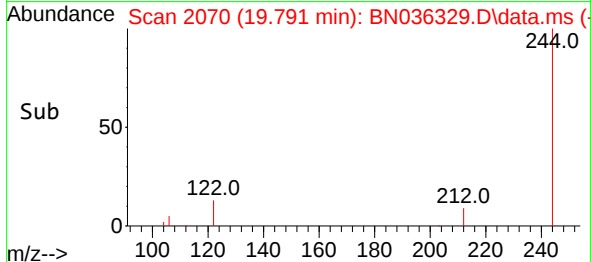
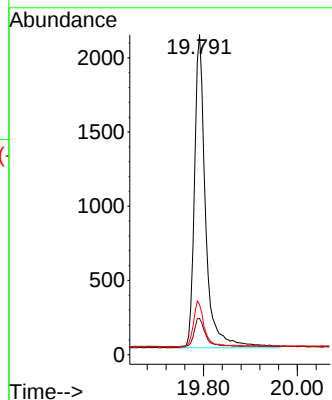
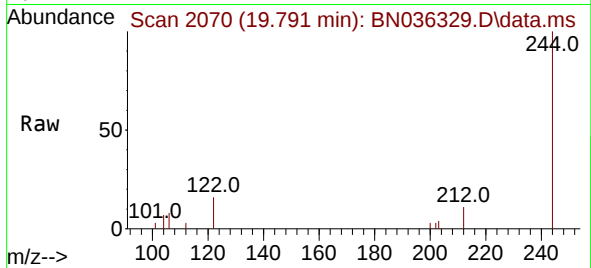




#31
Terphenyl-d14
Concen: 0.462 ng
RT: 19.791 min Scan# 2063
Delta R.T. -0.000 min
Lab File: BN036329.D
Acq: 06 Feb 2025 11:03

Instrument :
BNA_N
ClientSampleId :
PB166237BL

Tgt Ion:244 Resp: 3471
Ion Ratio Lower Upper
244 100
212 11.3 9.1 13.7
122 15.6 11.3 16.9



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.627 min Scan# 2802
Delta R.T. -0.000 min
Lab File: BN036329.D
Acq: 06 Feb 2025 11:03

Tgt Ion:264 Resp: 3788
Ion Ratio Lower Upper
264 100
260 27.0 21.8 32.6
265 130.6 56.6 84.8#

