

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021325\
 Data File : BN036462.D
 Acq On : 13 Feb 2025 11:36
 Operator : RC/JU
 Sample : Q1325-02RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DSN002RE

Quant Time: Feb 13 12:31:00 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 11 01:17:14 2025
 Response via : Initial Calibration

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

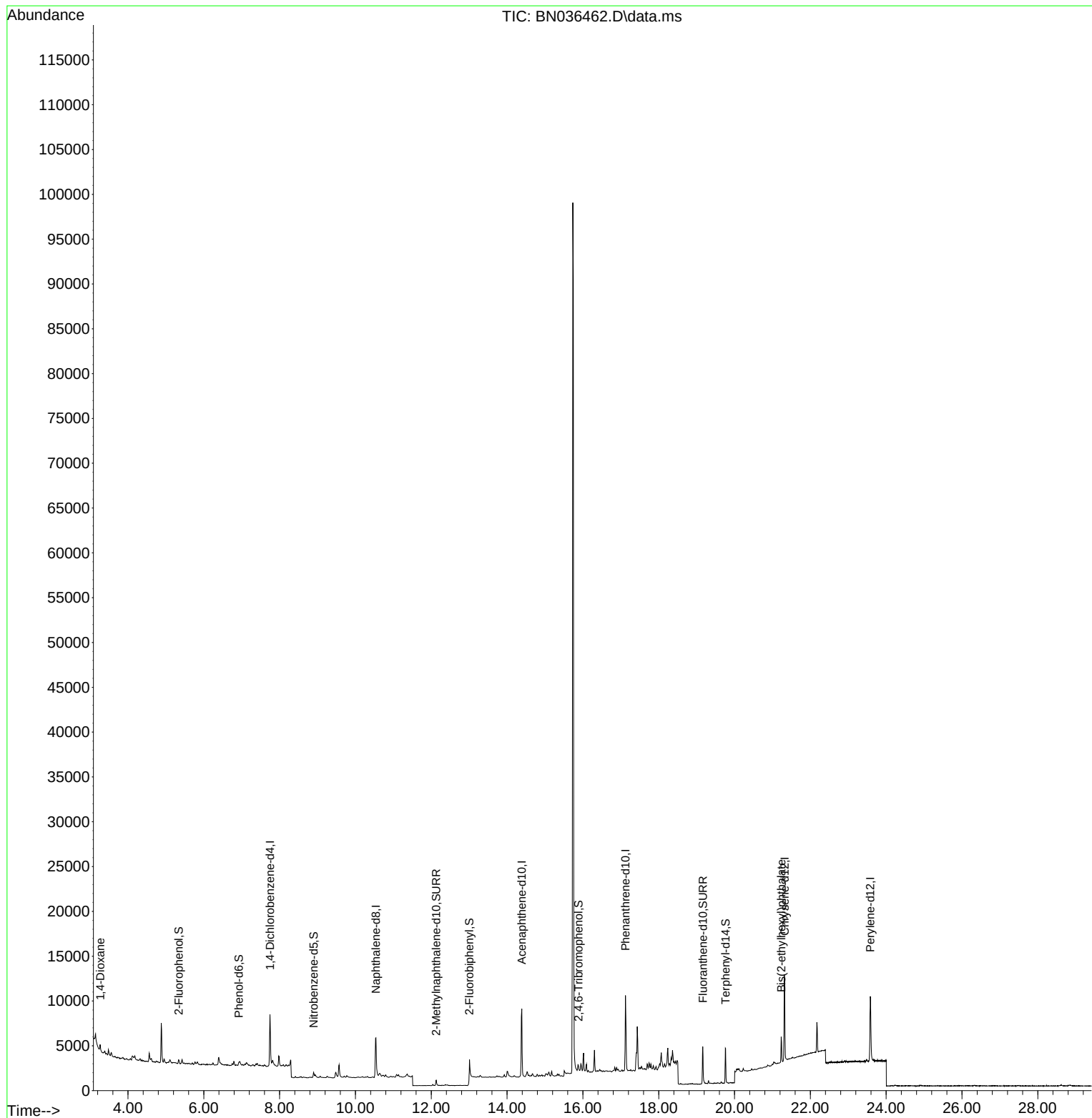
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	2628	0.400	ng	0.00
7) Naphthalene-d8	10.541	136	6816	0.400	ng	# 0.00
13) Acenaphthene-d10	14.388	164	4700	0.400	ng	0.00
19) Phenanthrene-d10	17.124	188	10894	0.400	ng	#-0.01
29) Chrysene-d12	21.322	240	9809	0.400	ng	# 0.00
35) Perylene-d12	23.584	264	9858	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	347	0.056	ng	0.00
5) Phenol-d6	6.923	99	324	0.044	ng	-0.01
8) Nitrobenzene-d5	8.897	82	575	0.085	ng	-0.01
11) 2-Methylnaphthalene-d10	12.131	152	945	0.090	ng	-0.01
14) 2,4,6-Tribromophenol	15.883	330	409	0.176	ng	0.00
15) 2-Fluorobiphenyl	13.009	172	1933	0.109	ng	-0.01
27) Fluoranthene-d10	19.164	212	4664	0.154	ng	0.00
31) Terphenyl-d14	19.764	244	3951	0.189	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.268	88	413	0.144	ng	# 79
34) Bis(2-ethylhexyl)phtha...	21.232	149	2597	0.129	ng	# 90

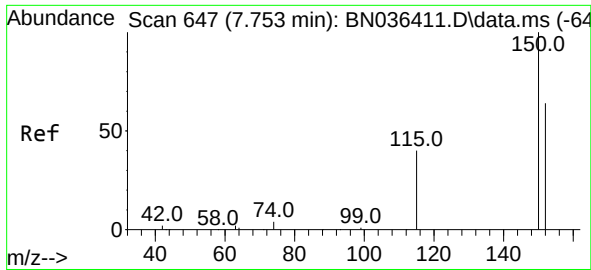
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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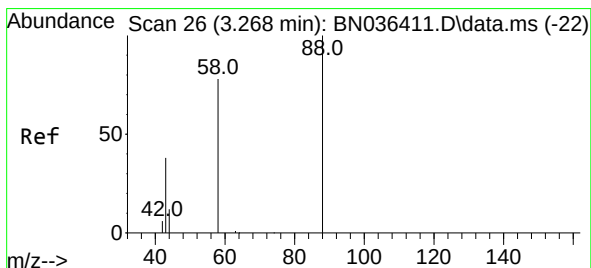
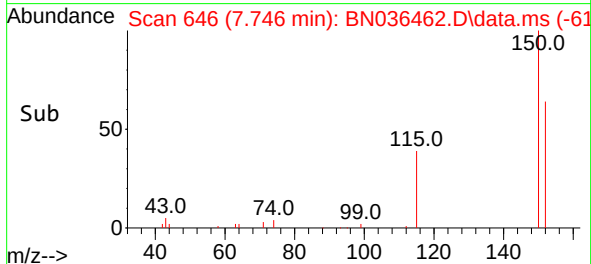
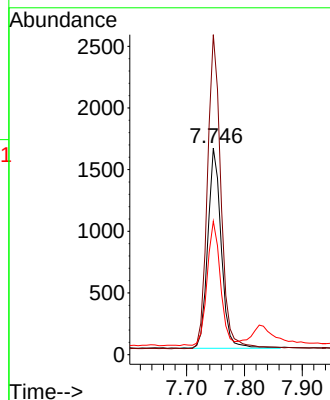
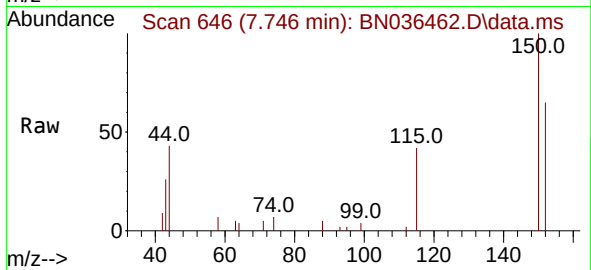




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.746 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN036462.D
 Acq: 13 Feb 2025 11:36

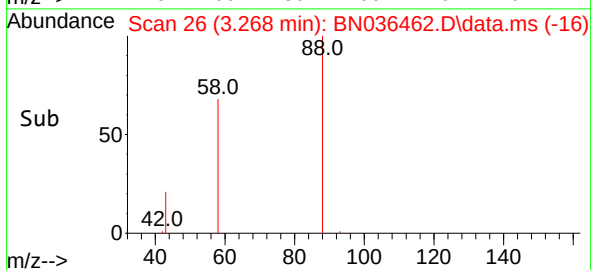
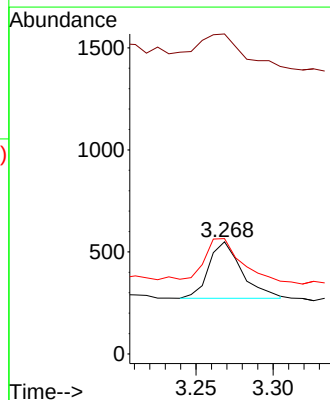
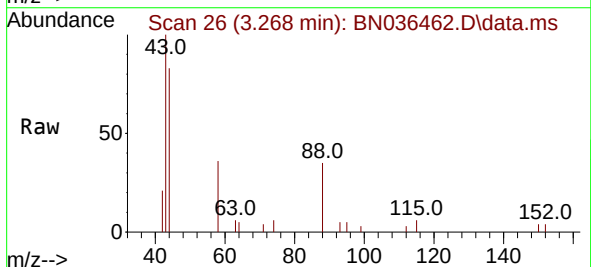
Instrument :
 BNA_N
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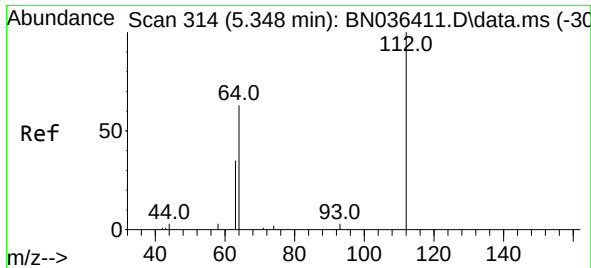
Tgt Ion:152 Resp: 2628
 Ion Ratio Lower Upper
 152 100
 150 155.0 123.7 185.5
 115 64.6 52.5 78.7



#2
 1,4-Dioxane
 Concen: 0.144 ng
 RT: 3.268 min Scan# 26
 Delta R.T. 0.000 min
 Lab File: BN036462.D
 Acq: 13 Feb 2025 11:36

Tgt Ion: 88 Resp: 413
 Ion Ratio Lower Upper
 88 100
 43 73.8 33.7 50.5#
 58 79.4 68.9 103.3

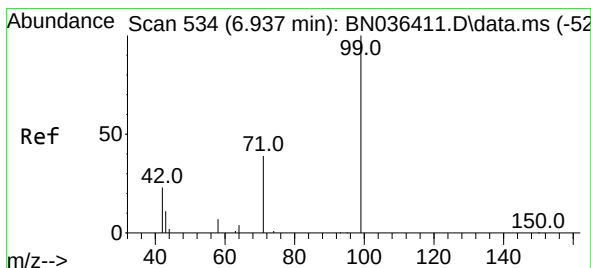
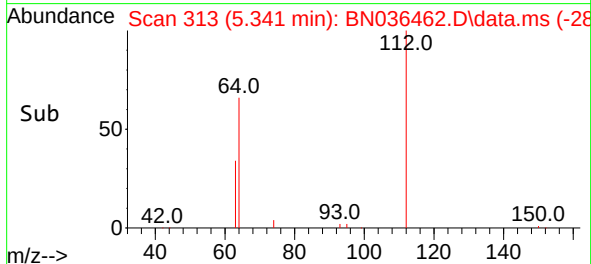
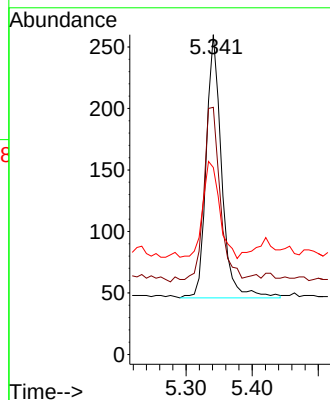
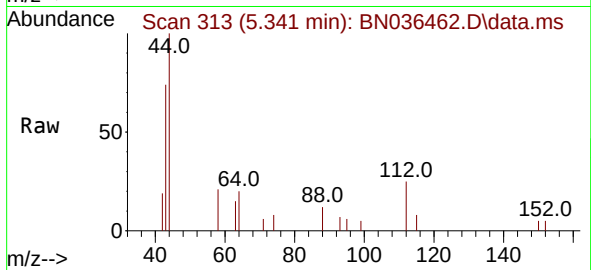




#4
2-Fluorophenol
Concen: 0.056 ng
RT: 5.341 min Scan# 314
Delta R.T. -0.007 min
Lab File: BN036462.D
Acq: 13 Feb 2025 11:36

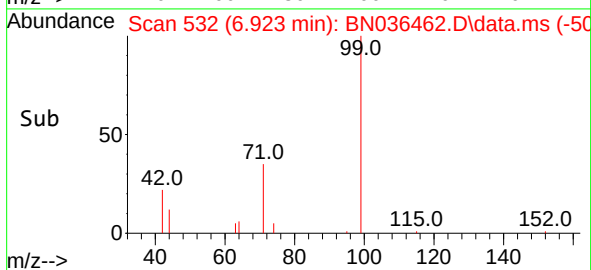
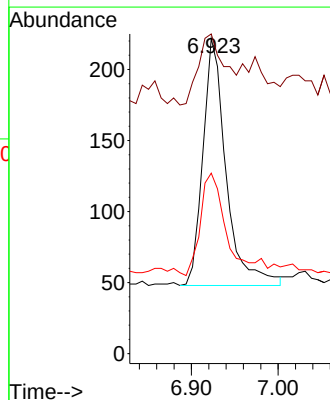
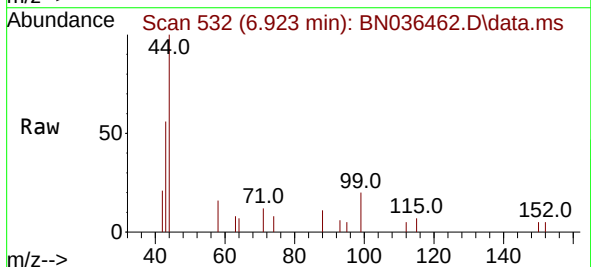
Instrument :
BNA_N
ClientSampleId :
DSN002RE

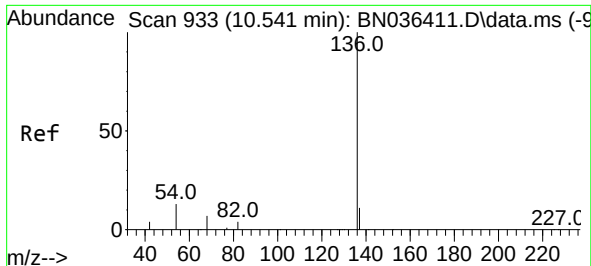
Tgt Ion:112 Resp: 347
Ion Ratio Lower Upper
112 100
64 72.3 53.4 80.0
63 39.2 30.3 45.5



#5
Phenol-d6
Concen: 0.044 ng
RT: 6.923 min Scan# 532
Delta R.T. -0.014 min
Lab File: BN036462.D
Acq: 13 Feb 2025 11:36

Tgt Ion: 99 Resp: 324
Ion Ratio Lower Upper
99 100
42 33.6 21.7 32.5#
71 49.1 32.6 49.0#

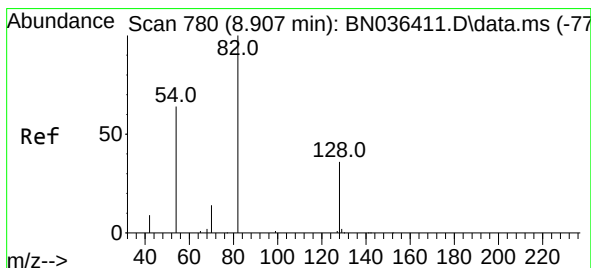
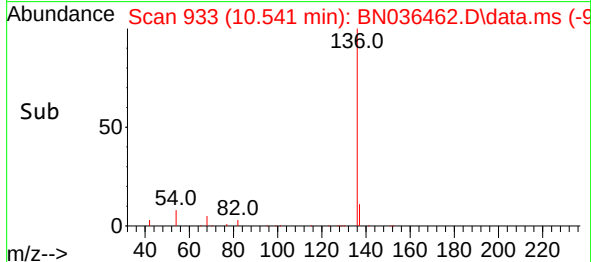
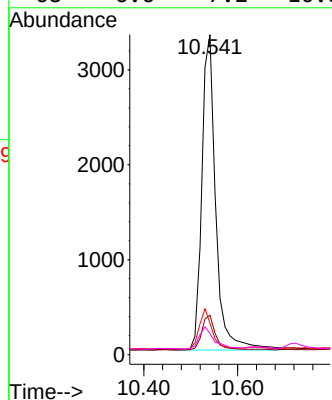
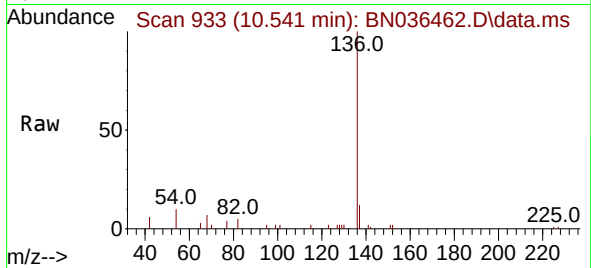




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.541 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN036462.D
Acq: 13 Feb 2025 11:36

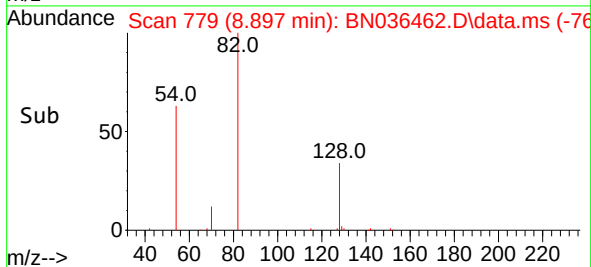
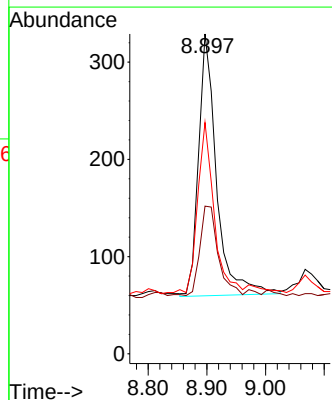
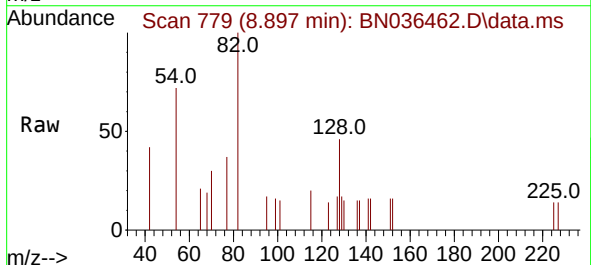
Instrument :
BNA_N
ClientSampleId :
DSN002RE

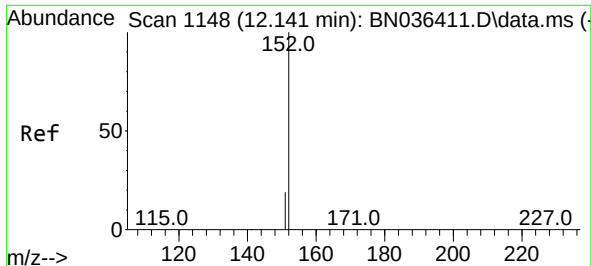
Tgt Ion:	136	Resp:	6816
Ion	Ratio	Lower	Upper
136	100		
137	12.3	10.1	15.1
54	9.9	11.8	17.6#
68	6.6	7.2	10.8#



#8
Nitrobenzene-d5
Concen: 0.085 ng
RT: 8.897 min Scan# 779
Delta R.T. -0.011 min
Lab File: BN036462.D
Acq: 13 Feb 2025 11:36

Tgt Ion:	82	Resp:	575
Ion	Ratio	Lower	Upper
82	100		
128	46.2	31.9	47.9
54	72.3	53.1	79.7

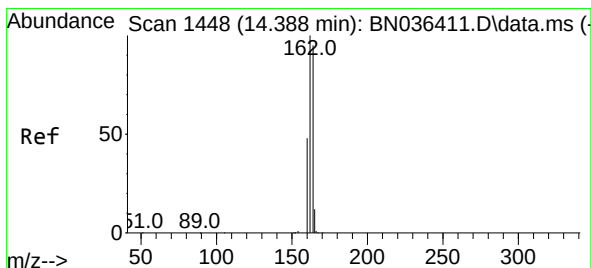
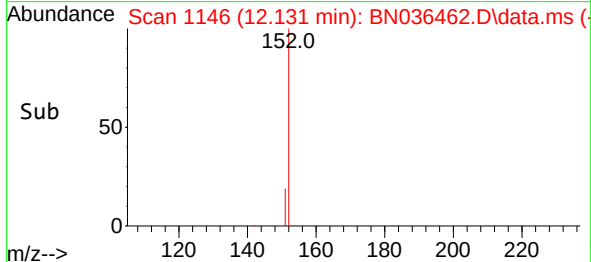
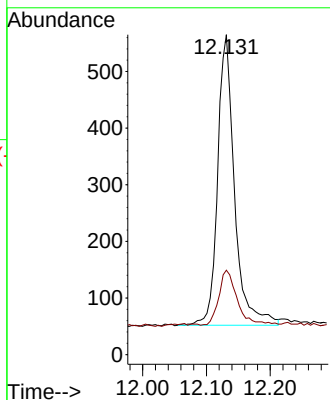
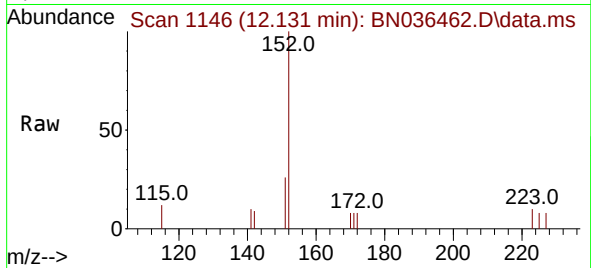




#11
2-Methylnaphthalene-d10
Concen: 0.090 ng
RT: 12.131 min Scan# 1146
Delta R.T. -0.010 min
Lab File: BN036462.D
Acq: 13 Feb 2025 11:36

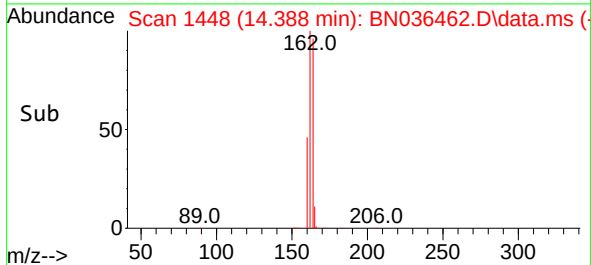
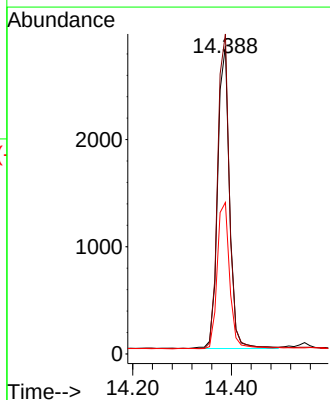
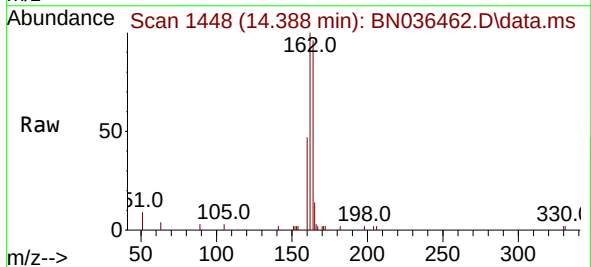
Instrument :
BNA_N
ClientSampleId :
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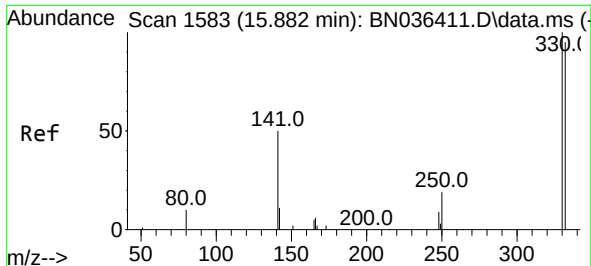
Tgt Ion:152 Resp: 945
Ion Ratio Lower Upper
152 100
151 20.6 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.388 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BN036462.D
Acq: 13 Feb 2025 11:36

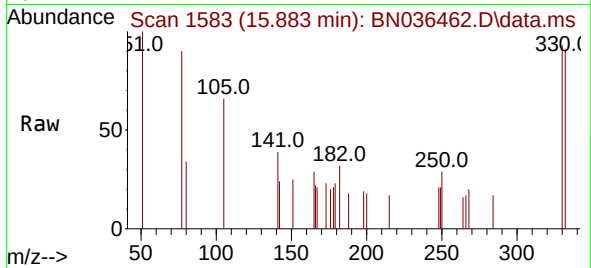
Tgt Ion:164 Resp: 4700
Ion Ratio Lower Upper
164 100
162 104.0 84.1 126.1
160 49.2 41.4 62.0



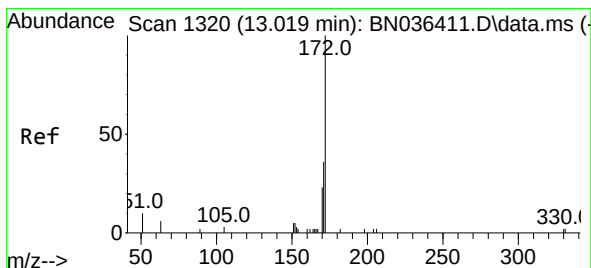
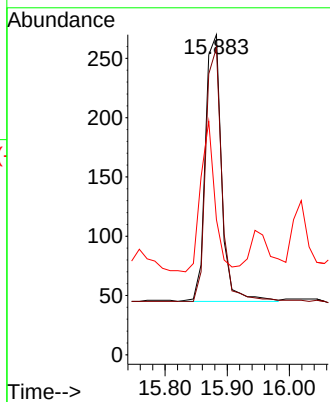
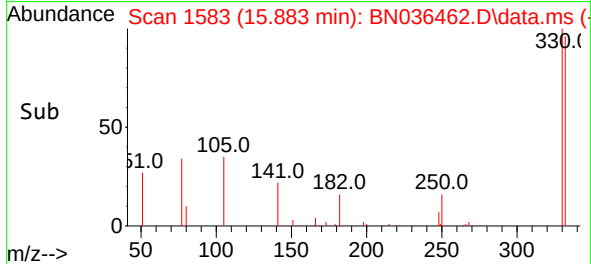


#14
2,4,6-Tribromophenol
Concen: 0.176 ng
RT: 15.883 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN036462.D
Acq: 13 Feb 2025 11:36

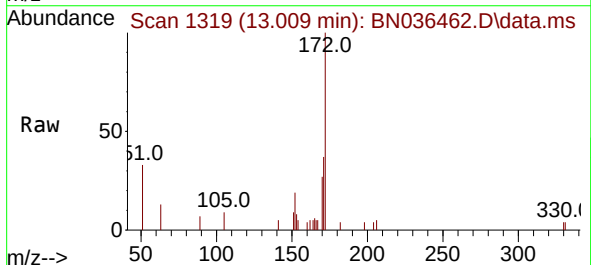
Instrument :
BNA_N
ClientSampleId :
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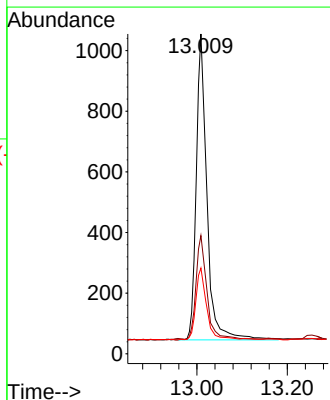
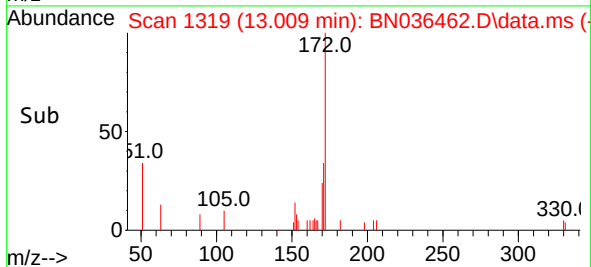
Tgt Ion:330 Resp: 409
Ion Ratio Lower Upper
330 100
332 94.6 76.6 114.8
141 49.6 37.8 56.8

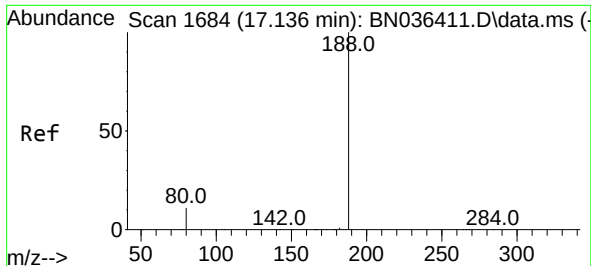


#15
2-Fluorobiphenyl
Concen: 0.109 ng
RT: 13.009 min Scan# 1319
Delta R.T. -0.011 min
Lab File: BN036462.D
Acq: 13 Feb 2025 11:36



Tgt Ion:172 Resp: 1933
Ion Ratio Lower Upper
172 100
171 37.0 29.6 44.4
170 26.8 19.8 29.6

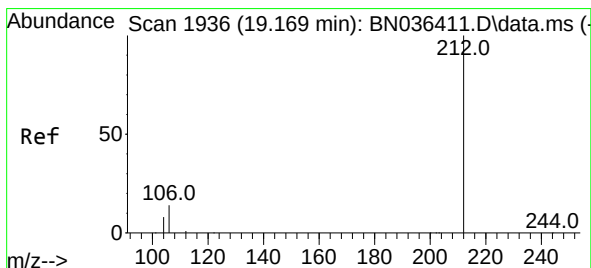
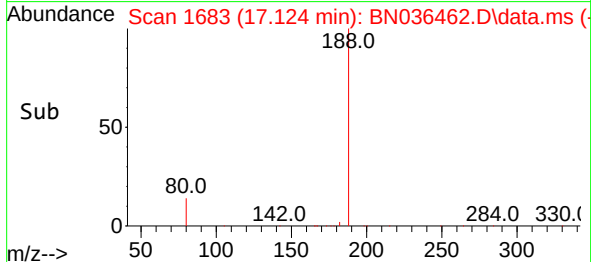
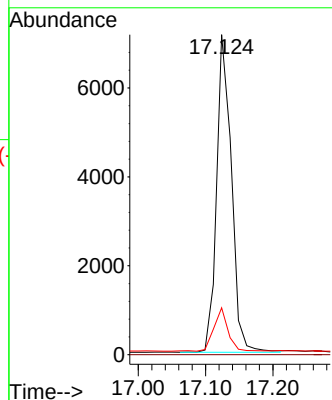
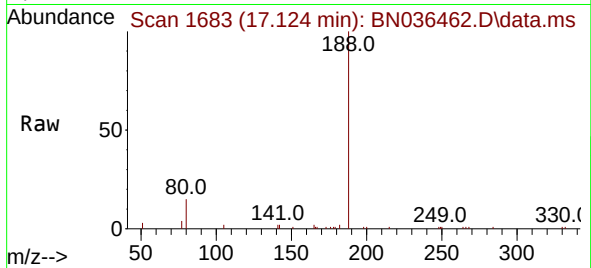




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.124 min Scan# 1683
Delta R.T. -0.012 min
Lab File: BN036462.D
Acq: 13 Feb 2025 11:36

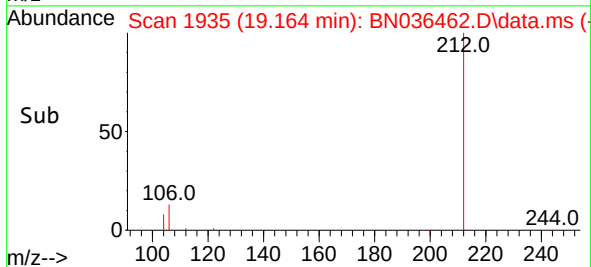
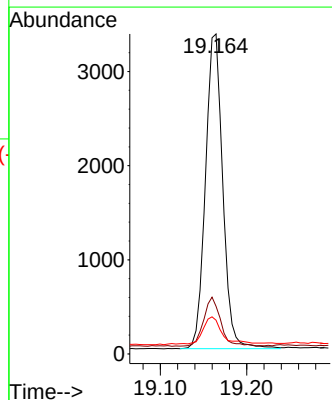
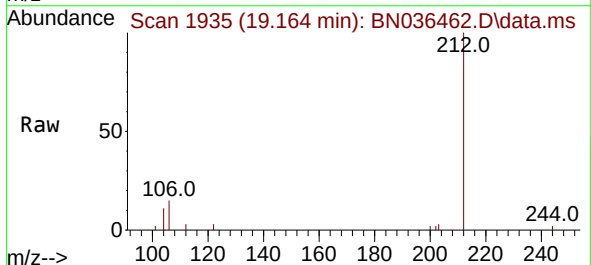
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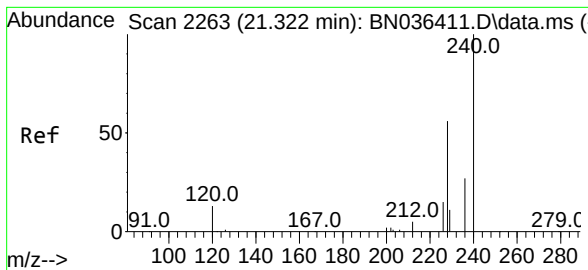
Tgt Ion:188 Resp: 10894
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.7 9.8 14.6#



#27
Fluoranthene-d10
Concen: 0.154 ng
RT: 19.164 min Scan# 1935
Delta R.T. -0.005 min
Lab File: BN036462.D
Acq: 13 Feb 2025 11:36

Tgt Ion:212 Resp: 4664
Ion Ratio Lower Upper
212 100
106 15.3 11.5 17.3
104 9.2 7.1 10.7





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.322 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN036462.D

Acq: 13 Feb 2025 11:36

Instrument :

BNA_N

ClientSampleId :

DSN002RE

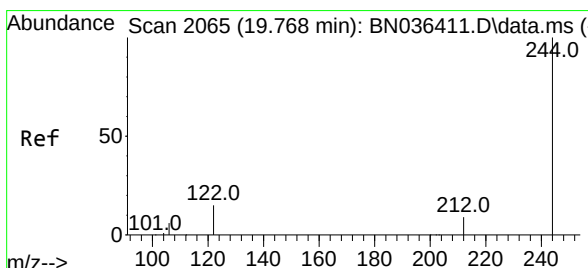
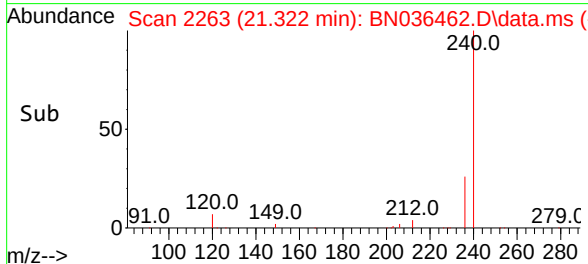
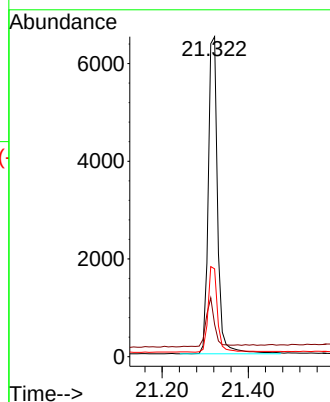
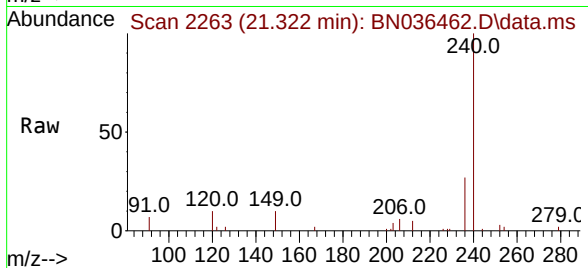
Tgt Ion:240 Resp: 9809

Ion Ratio Lower Upper

240 100

120 10.1 13.3 19.9#

236 27.4 23.0 34.6



#31

Terphenyl-d14

Concen: 0.189 ng

RT: 19.764 min Scan# 2064

Delta R.T. -0.005 min

Lab File: BN036462.D

Acq: 13 Feb 2025 11:36

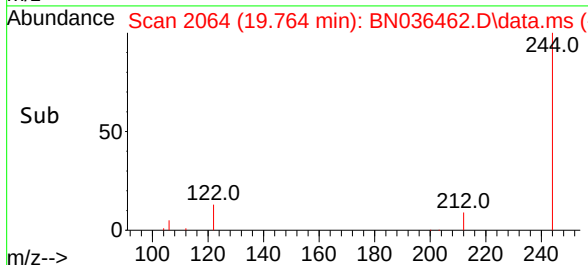
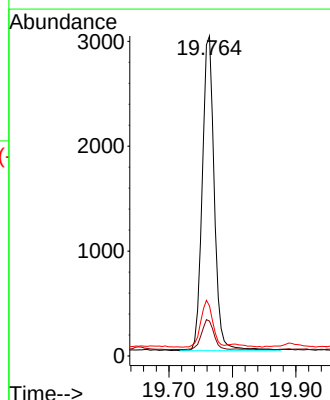
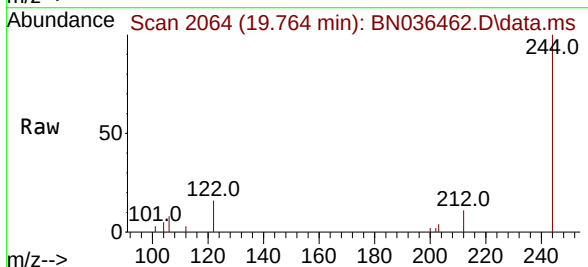
Tgt Ion:244 Resp: 3951

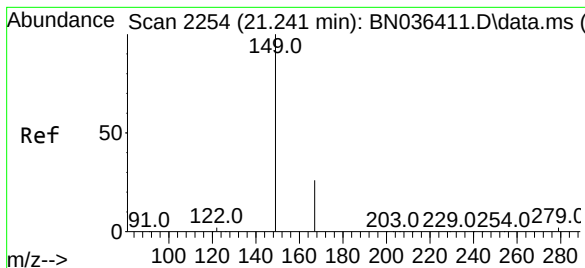
Ion Ratio Lower Upper

244 100

212 10.9 8.1 12.1

122 15.6 12.8 19.2

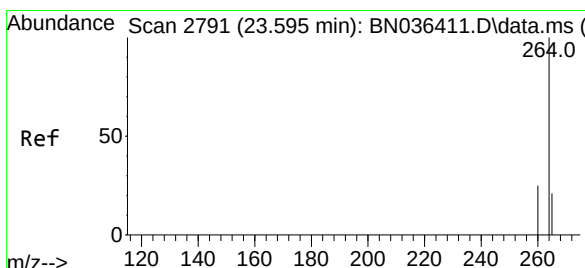
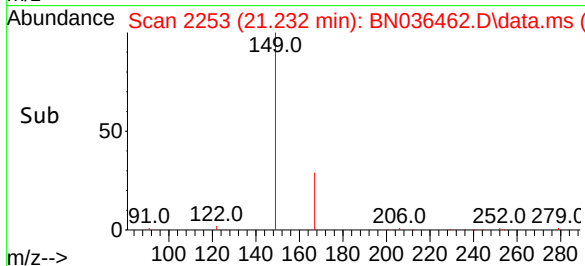
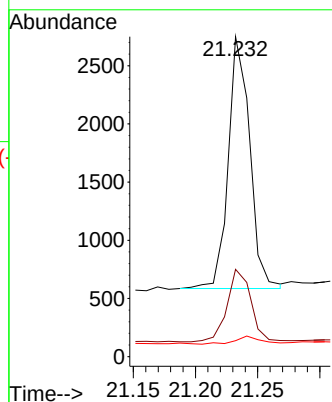
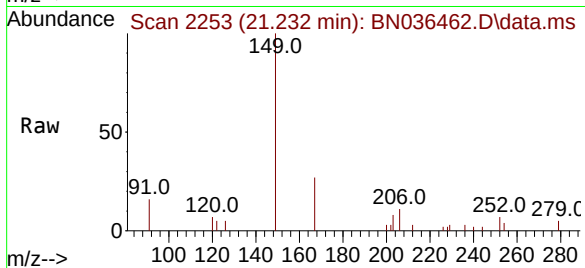




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.129 ng
 RT: 21.232 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN036462.D
 Acq: 13 Feb 2025 11:36

Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion:149 Resp: 2597
 Ion Ratio Lower Upper
 149 100
 167 32.0 21.2 31.8#
 279 3.9 2.7 4.1



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.584 min Scan# 2787
 Delta R.T. -0.012 min
 Lab File: BN036462.D
 Acq: 13 Feb 2025 11:36

Tgt Ion:264 Resp: 9858
 Ion Ratio Lower Upper
 264 100
 260 26.1 20.9 31.3
 265 59.6 60.7 91.1#

