

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051324\
 Data File : BN031512.D
 Acq On : 13 May 2024 22:39
 Operator : MA/JU
 Sample : P2455-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RMW-03B-90-051024

Quant Time: May 14 00:49:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 02:12:24 2024
 Response via : Initial Calibration

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

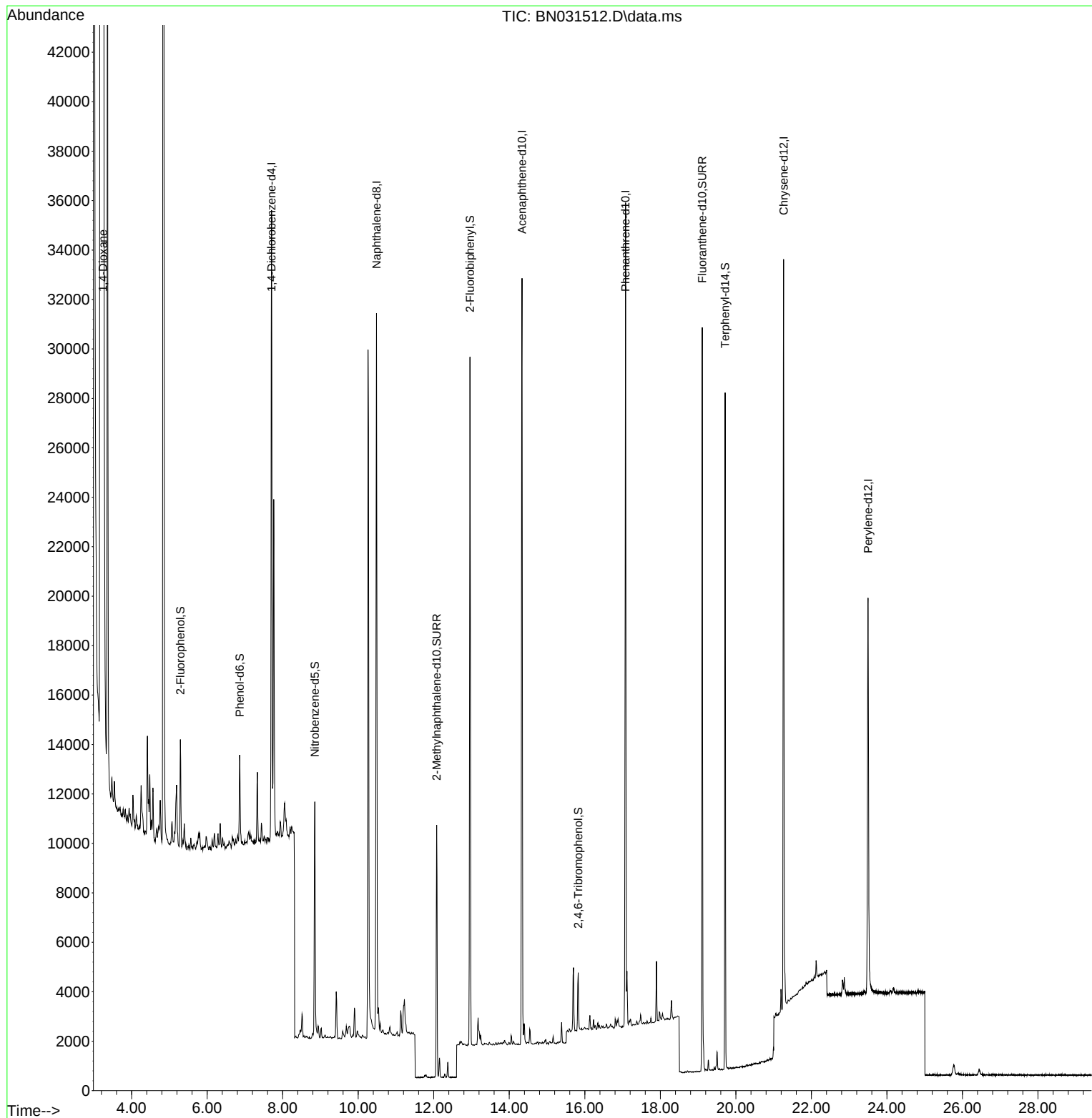
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.704	152	11894	0.400	ng	-0.01
7) Naphthalene-d8	10.485	136	37227	0.400	ng	#-0.01
13) Acenaphthene-d10	14.338	164	18036	0.400	ng	-0.01
19) Phenanthrene-d10	17.078	188	40614	0.400	ng	-0.01
29) Chrysene-d12	21.265	240	28593	0.400	ng	# 0.00
35) Perylene-d12	23.499	264	23048	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.292	112	3355	0.099	ng	0.00
5) Phenol-d6	6.866	99	2908	0.064	ng	0.00
8) Nitrobenzene-d5	8.852	82	7740	0.290	ng	-0.01
11) 2-Methylnaphthalene-d10	12.077	152	13655	0.228	ng	-0.02
14) 2,4,6-Tribromophenol	15.825	330	1338	0.195	ng	-0.01
15) 2-Fluorobiphenyl	12.959	172	22931	0.330	ng	-0.02
27) Fluoranthene-d10	19.110	212	31828	0.282	ng	0.00
31) Terphenyl-d14	19.714	244	24914	0.356	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.241	88	127459	8.712	ng	# 85

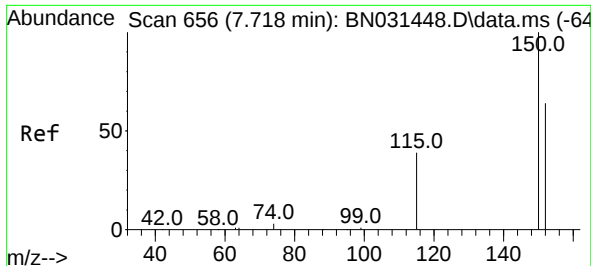
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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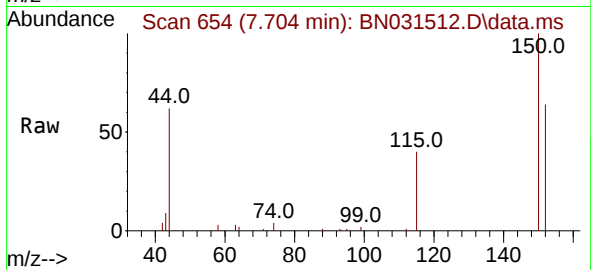
Quant Time: May 14 00:49:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 02:12:24 2024
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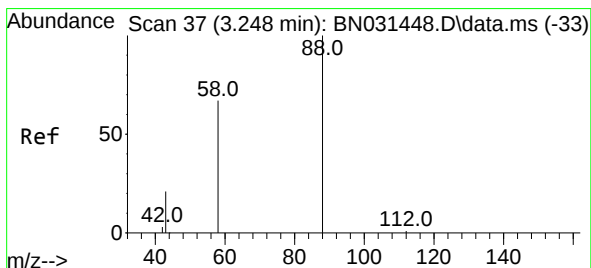
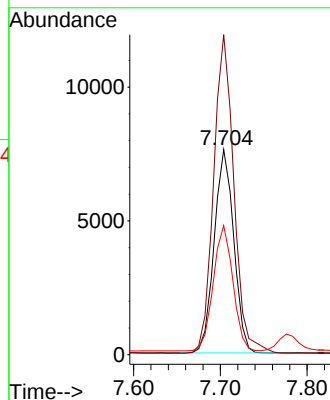
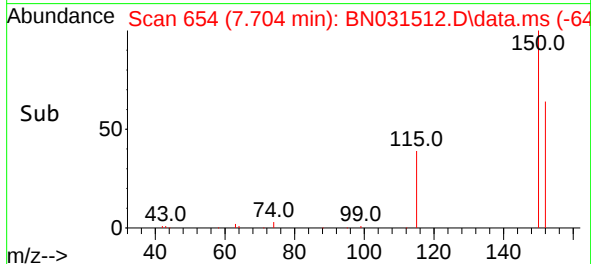


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.704 min Scan# 61
 Delta R.T. -0.014 min
 Lab File: BN031512.D
 Acq: 13 May 2024 22:39

Instrument :
 BNA_N
 ClientSampleId :
 RMW-03B-90-051024

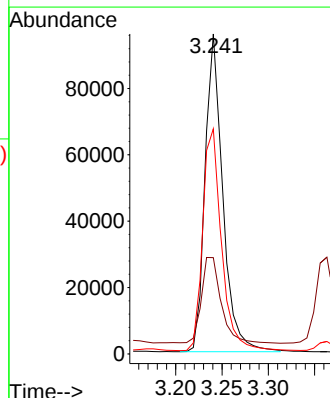
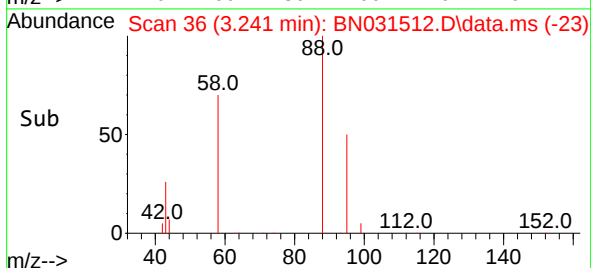
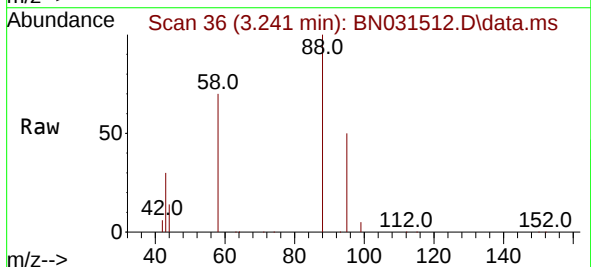


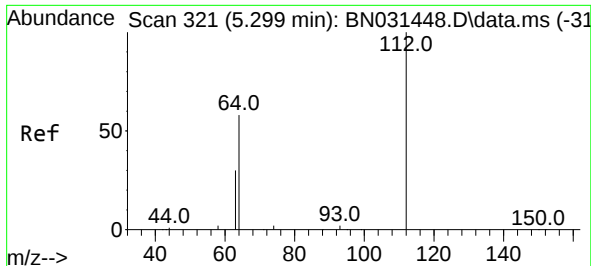
Tgt Ion:152 Resp: 11894
 Ion Ratio Lower Upper
 152 100
 150 156.0 119.3 178.9
 115 62.9 54.8 82.2



#2
 1,4-Dioxane
 Concen: 8.712 ng
 RT: 3.241 min Scan# 36
 Delta R.T. -0.007 min
 Lab File: BN031512.D
 Acq: 13 May 2024 22:39

Tgt Ion: 88 Resp: 127459
 Ion Ratio Lower Upper
 88 100
 43 30.2 39.0 58.6#
 58 74.0 54.9 82.3





#4

2-Fluorophenol

Concen: 0.099 ng

RT: 5.292 min Scan# 31

Delta R.T. -0.007 min

Lab File: BN031512.D

Acq: 13 May 2024 22:39

Instrument :

BNA_N

ClientSampleId :

RMW-03B-90-051024

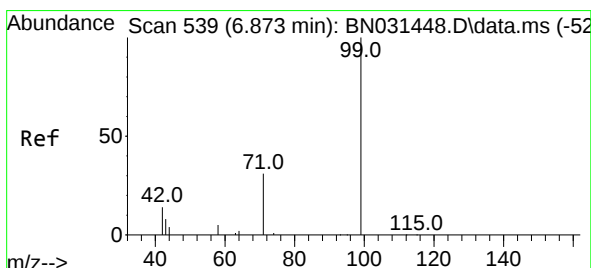
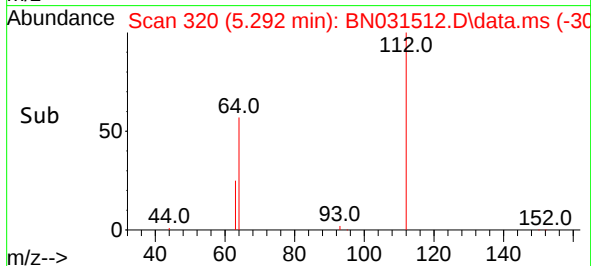
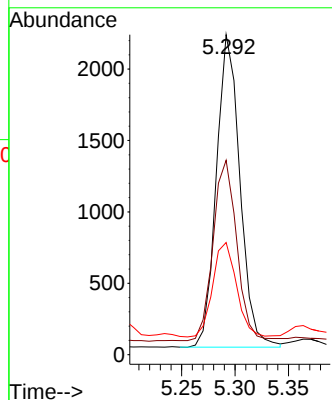
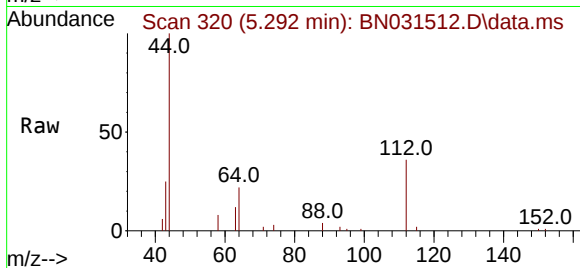
Tgt Ion:112 Resp: 3355

Ion Ratio Lower Upper

112 100

64 58.8 44.0 66.0

63 30.4 22.2 33.4



#5

Phenol-d6

Concen: 0.064 ng

RT: 6.866 min Scan# 538

Delta R.T. -0.007 min

Lab File: BN031512.D

Acq: 13 May 2024 22:39

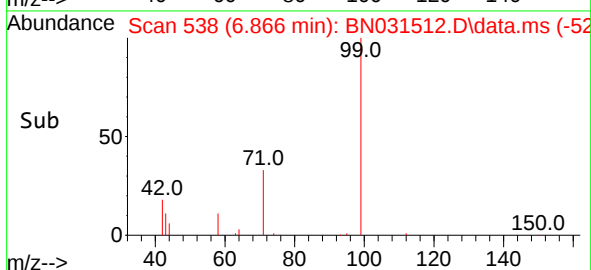
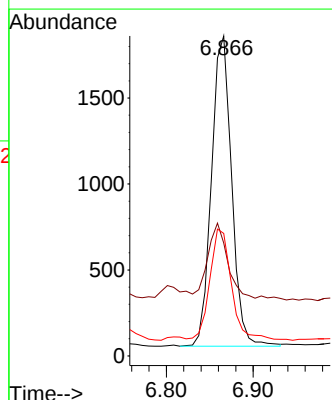
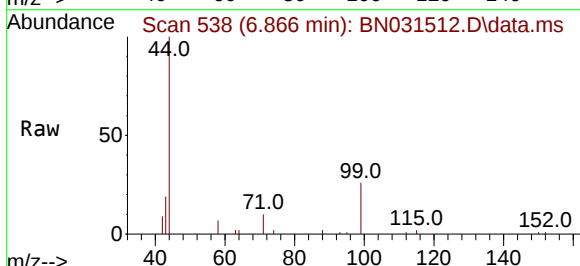
Tgt Ion: 99 Resp: 2908

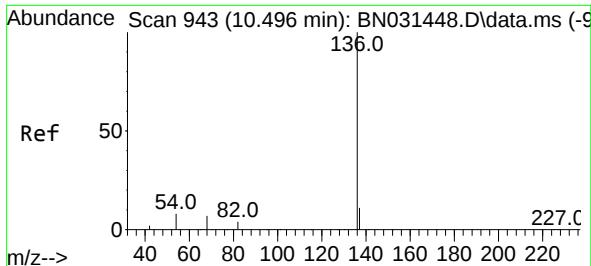
Ion Ratio Lower Upper

99 100

42 23.3 13.5 20.3#

71 37.9 26.1 39.1

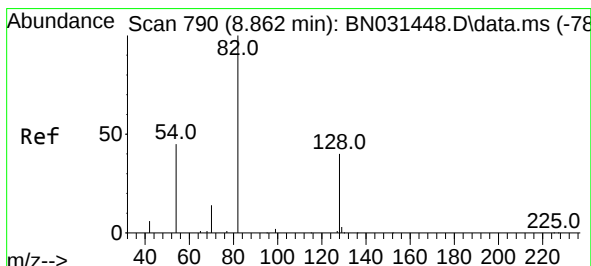
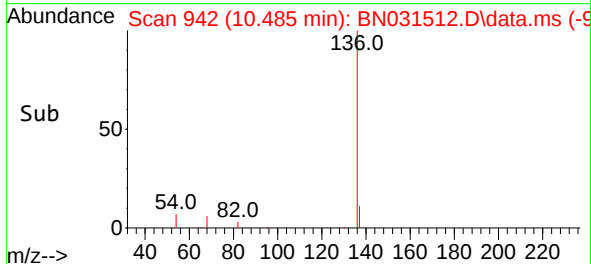
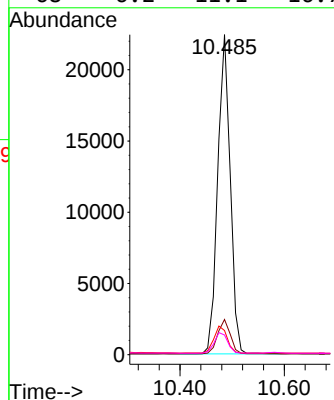
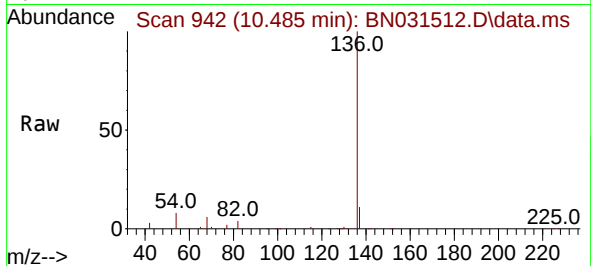




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.485 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN031512.D
Acq: 13 May 2024 22:39

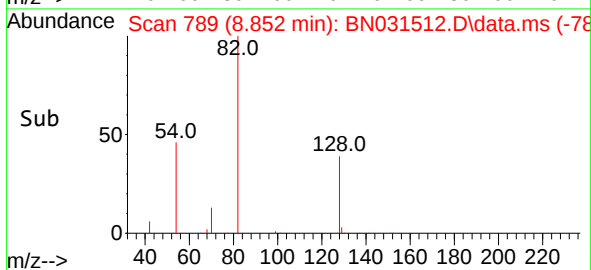
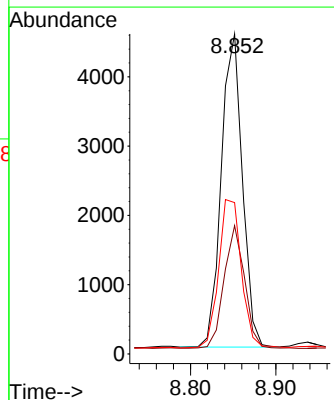
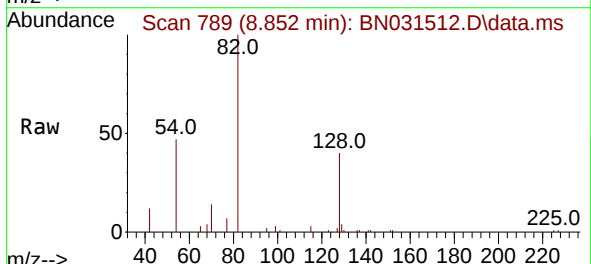
Instrument :
BNA_N
ClientSampleId :
RMW-03B-90-051024

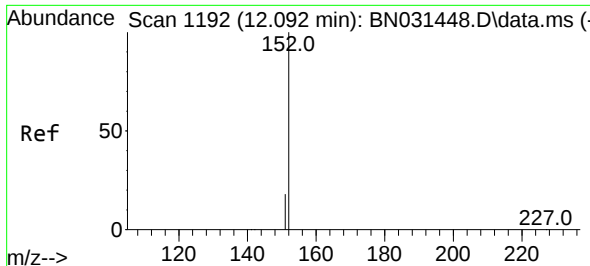
Tgt Ion:	136	Resp:	37227
Ion Ratio	Lower	Upper	
136	100		
137	11.0	10.1	15.1
54	7.5	10.5	15.7#
68	6.2	11.1	16.7#



#8
Nitrobenzene-d5
Concen: 0.290 ng
RT: 8.852 min Scan# 789
Delta R.T. -0.011 min
Lab File: BN031512.D
Acq: 13 May 2024 22:39

Tgt Ion:	82	Resp:	7740
Ion Ratio	Lower	Upper	
82	100		
128	40.1	29.0	43.6
54	47.3	37.2	55.8

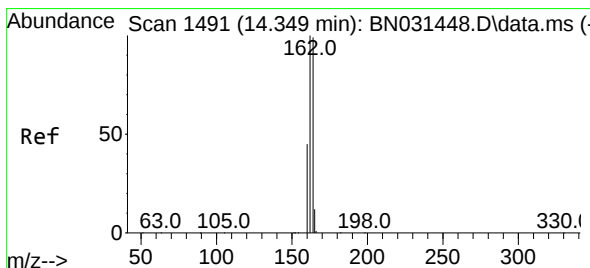
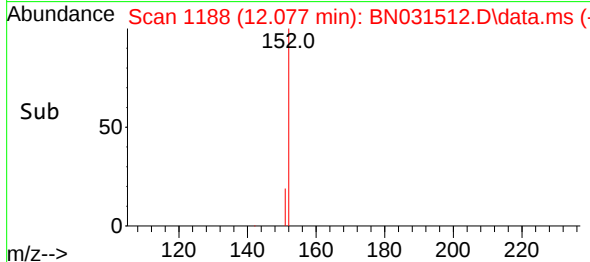
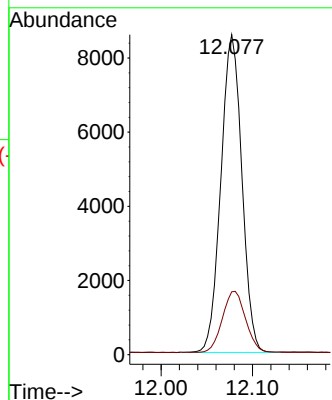
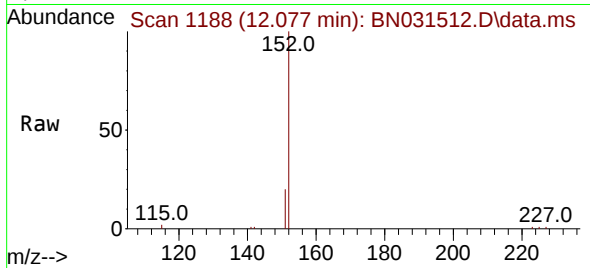




#11
2-Methylnaphthalene-d10
Concen: 0.228 ng
RT: 12.077 min Scan# 1192
Delta R.T. -0.015 min
Lab File: BN031512.D
Acq: 13 May 2024 22:39

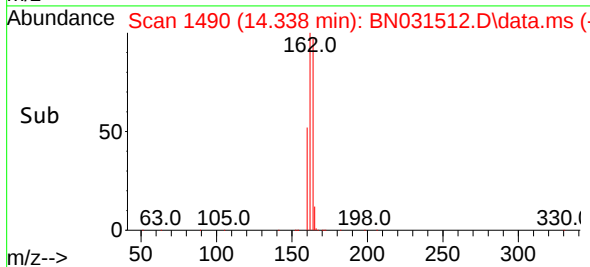
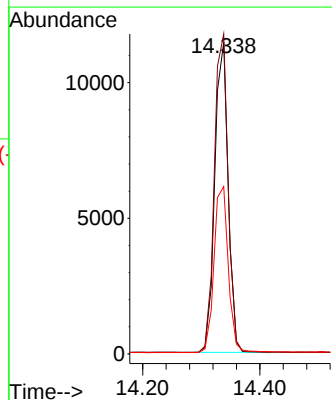
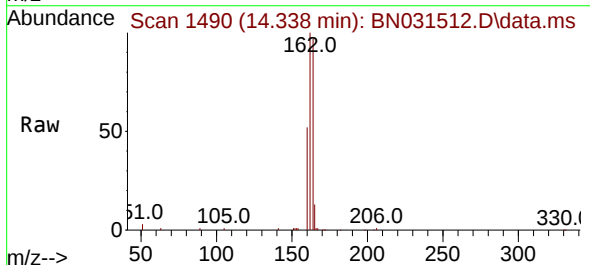
Instrument :
BNA_N
ClientSampleId :
RMW-03B-90-051024

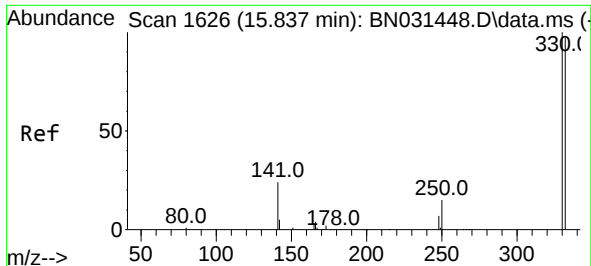
Tgt Ion:152 Resp: 13655
Ion Ratio Lower Upper
152 100
151 21.3 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.338 min Scan# 1490
Delta R.T. -0.011 min
Lab File: BN031512.D
Acq: 13 May 2024 22:39

Tgt Ion:164 Resp: 18036
Ion Ratio Lower Upper
164 100
162 102.7 81.2 121.8
160 53.7 37.0 55.6

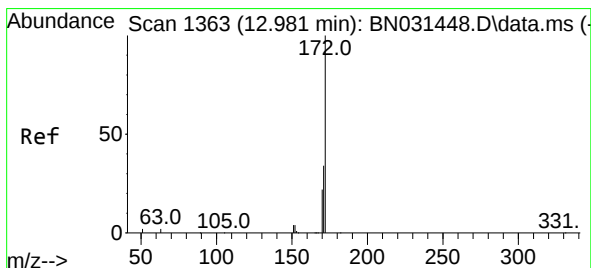
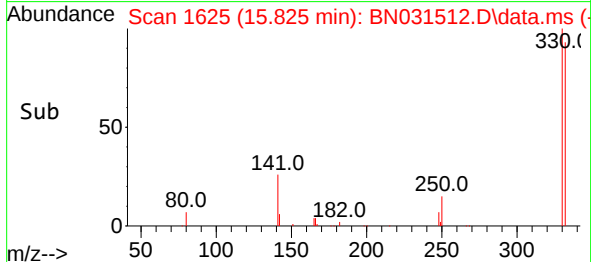
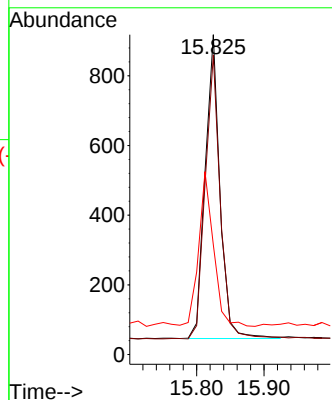
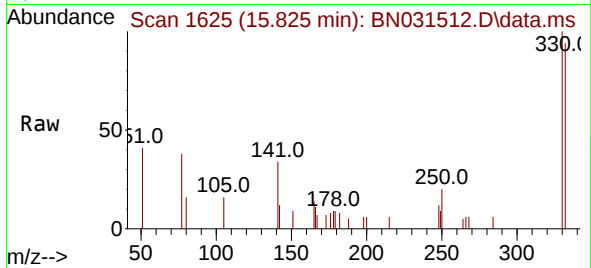




#14
2,4,6-Tribromophenol
Concen: 0.195 ng
RT: 15.825 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN031512.D
Acq: 13 May 2024 22:39

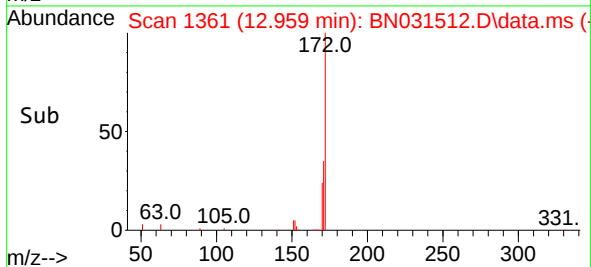
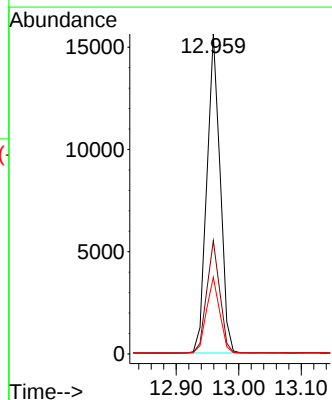
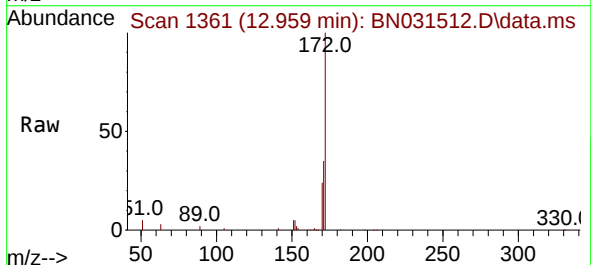
Instrument :
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ClientSampleId :
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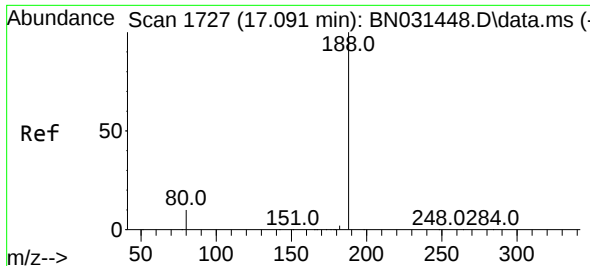
Tgt Ion:330 Resp: 1338
Ion Ratio Lower Upper
330 100
332 94.7 76.6 114.8
141 50.7 37.0 55.4



#15
2-Fluorobiphenyl
Concen: 0.330 ng
RT: 12.959 min Scan# 1361
Delta R.T. -0.021 min
Lab File: BN031512.D
Acq: 13 May 2024 22:39

Tgt Ion:172 Resp: 22931
Ion Ratio Lower Upper
172 100
171 35.4 27.8 41.8
170 24.0 18.3 27.5

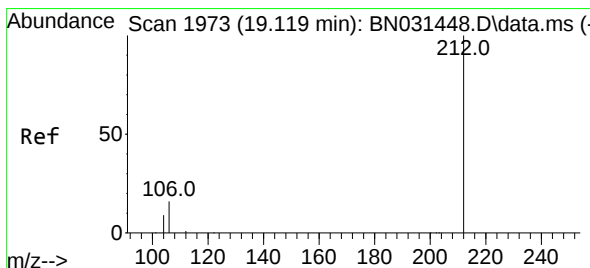
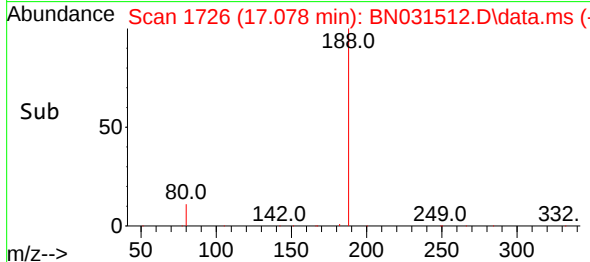
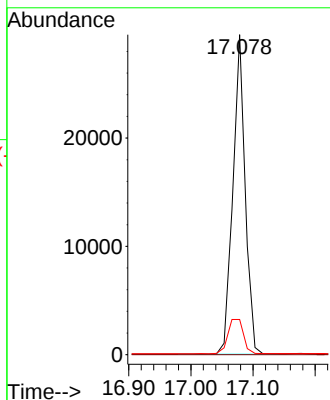
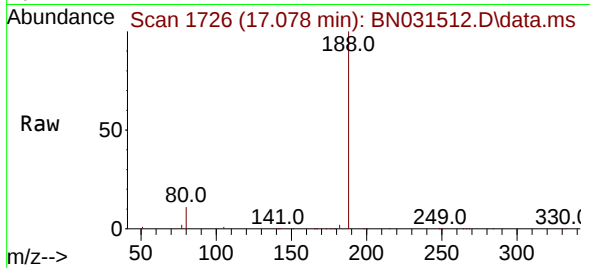




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.078 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN031512.D
Acq: 13 May 2024 22:39

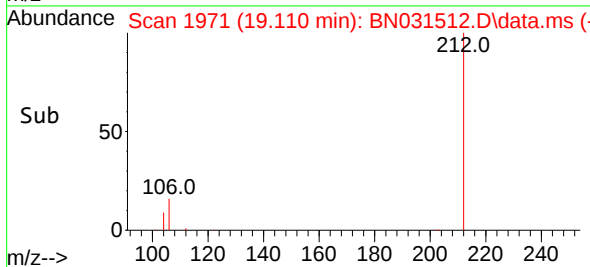
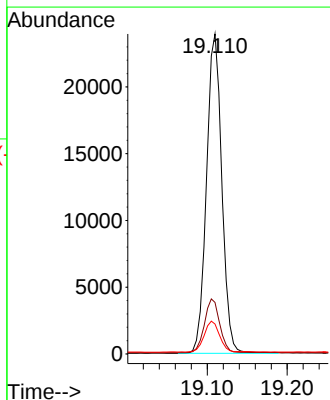
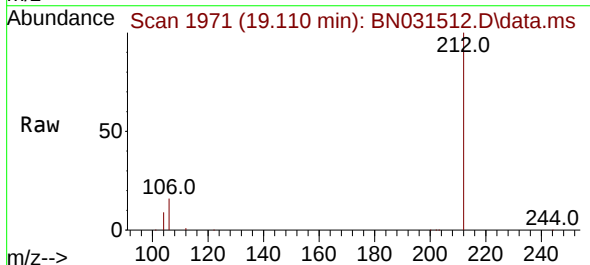
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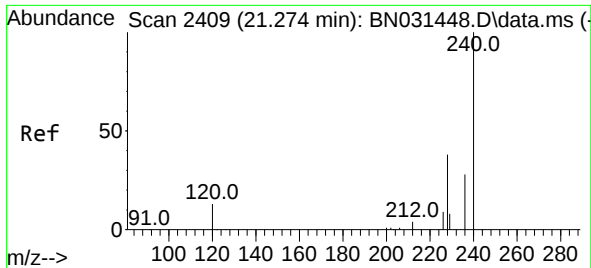
Tgt Ion:188 Resp: 40614
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.0 9.6 14.4



#27
Fluoranthene-d10
Concen: 0.282 ng
RT: 19.110 min Scan# 1971
Delta R.T. -0.009 min
Lab File: BN031512.D
Acq: 13 May 2024 22:39

Tgt Ion:212 Resp: 31828
Ion Ratio Lower Upper
212 100
106 16.9 12.0 18.0
104 9.8 6.9 10.3

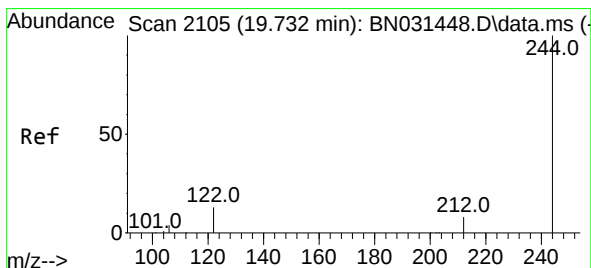
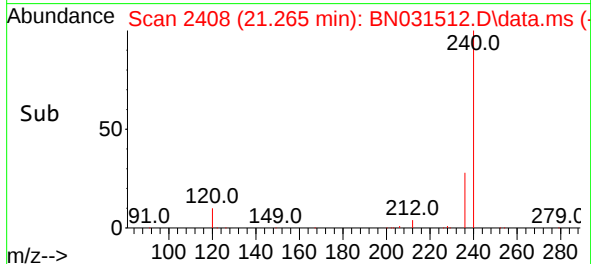
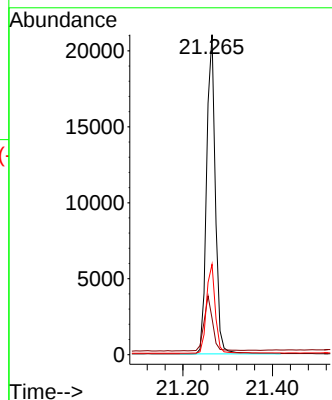
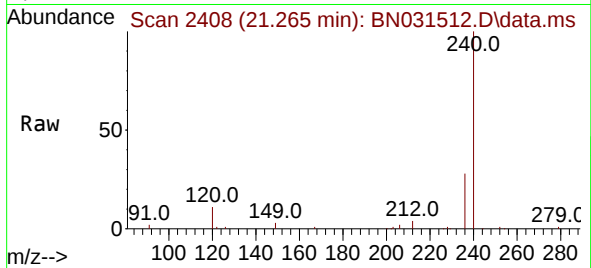




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.265 min Scan# 2408
Delta R.T. -0.009 min
Lab File: BN031512.D
Acq: 13 May 2024 22:39

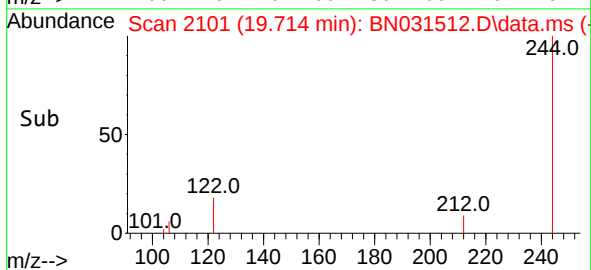
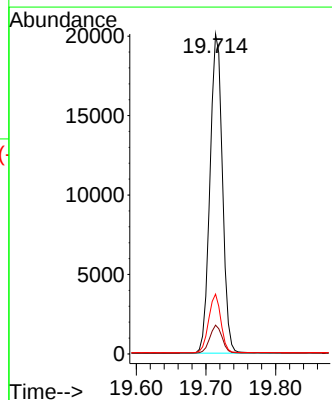
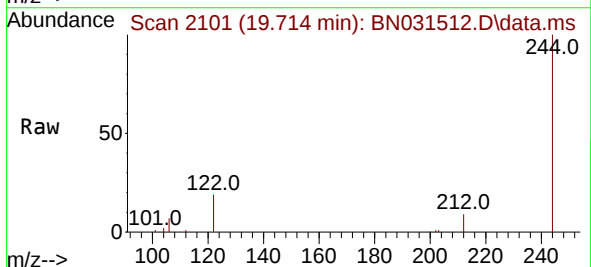
Instrument :
BNA_N
ClientSampleId :
RMW-03B-90-051024

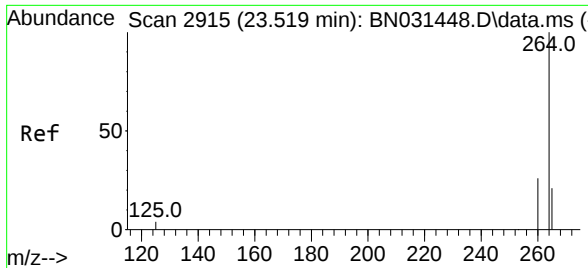
Tgt Ion:240 Resp: 28593
Ion Ratio Lower Upper
240 100
120 11.4 11.4 17.2#
236 28.3 22.2 33.4



#31
Terphenyl-d14
Concen: 0.356 ng
RT: 19.714 min Scan# 2101
Delta R.T. -0.019 min
Lab File: BN031512.D
Acq: 13 May 2024 22:39

Tgt Ion:244 Resp: 24914
Ion Ratio Lower Upper
244 100
212 9.0 6.5 9.7
122 18.7 11.4 17.2#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.499 min Scan# 2915
 Delta R.T. -0.021 min
 Lab File: BN031512.D
 Acq: 13 May 2024 22:39

Instrument :
 BNA_N
 ClientSampleId :
 RMW-03B-90-051024

Tgt Ion:264 Resp: 23048
 Ion Ratio Lower Upper
 264 100
 260 25.8 20.6 31.0
 265 42.6 24.0 36.0#

