

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051424\
 Data File : BN031518.D
 Acq On : 14 May 2024 10:32
 Operator : MA/JU
 Sample : P2455-01DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: May 14 11:06:18 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)

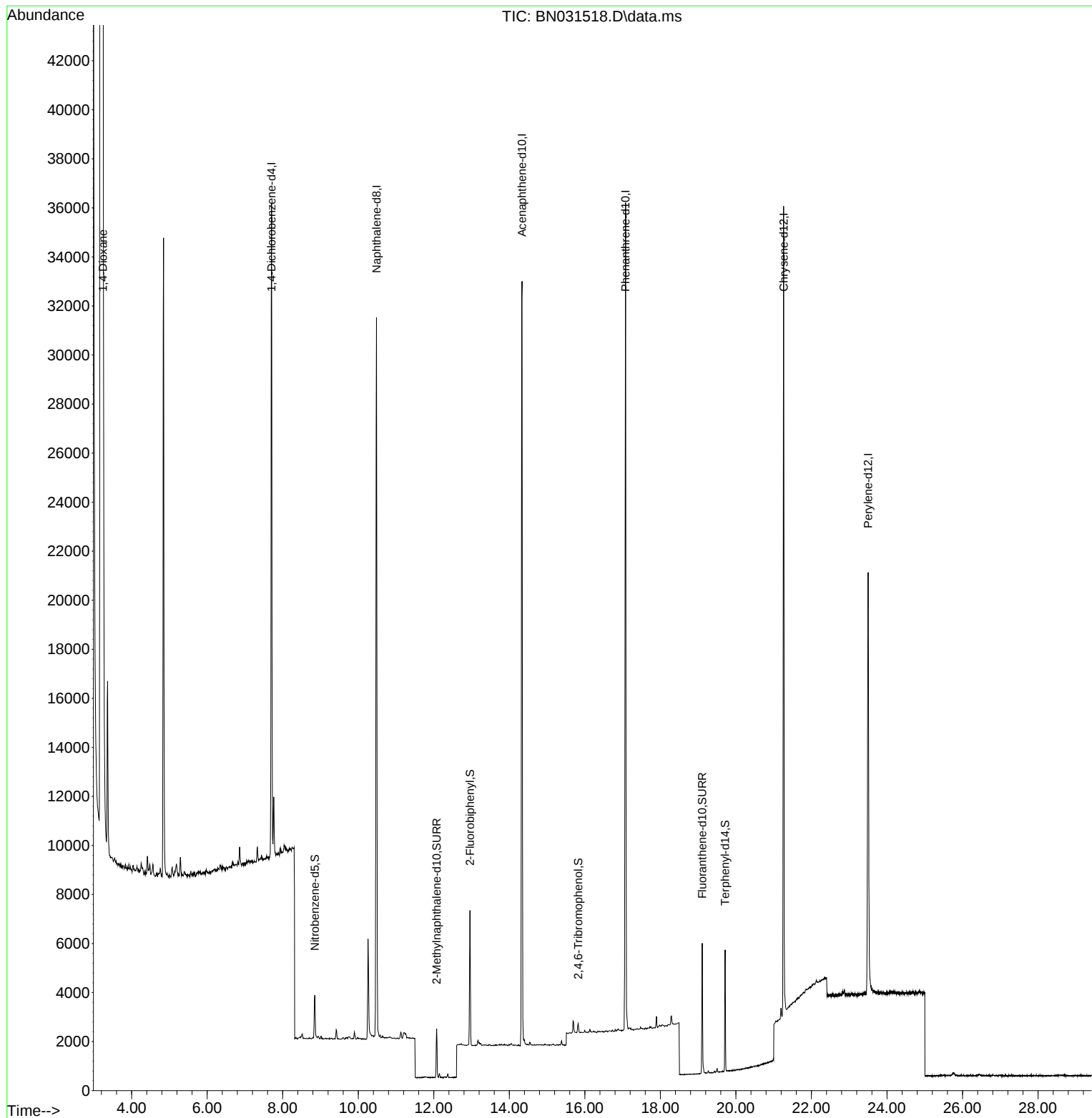
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.704	152	12478	0.400	ng	-0.01
7) Naphthalene-d8	10.485	136	39081	0.400	ng	#-0.01
13) Acenaphthene-d10	14.338	164	19390	0.400	ng	-0.01
19) Phenanthrene-d10	17.078	188	43231	0.400	ng	-0.01
29) Chrysene-d12	21.265	240	29675	0.400	ng	0.00
35) Perylene-d12	23.502	264	24939	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.292	112	641	0.018	ng	0.00
5) Phenol-d6	6.859	99	556	0.012	ng	-0.01
8) Nitrobenzene-d5	8.852	82	1500	0.053	ng	-0.01
11) 2-Methylnaphthalene-d10	12.077	152	2697	0.043	ng	-0.02
14) 2,4,6-Tribromophenol	15.825	330	236	0.032	ng	-0.01
15) 2-Fluorobiphenyl	12.959	172	4524	0.061	ng	-0.02
27) Fluoranthene-d10	19.110	212	5855	0.049	ng	0.00
31) Terphenyl-d14	19.713	244	4515	0.062	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.240	88	25782	1.680	ng	# 85

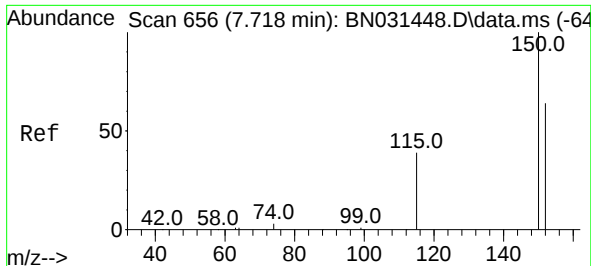
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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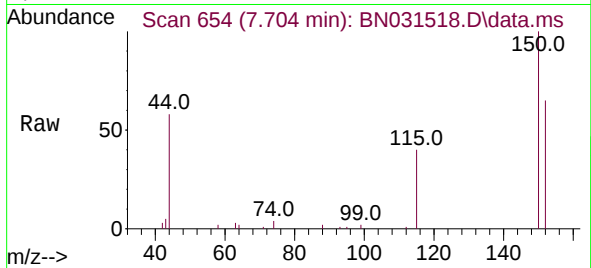
Quant Time: May 14 11:06:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 02:12:24 2024
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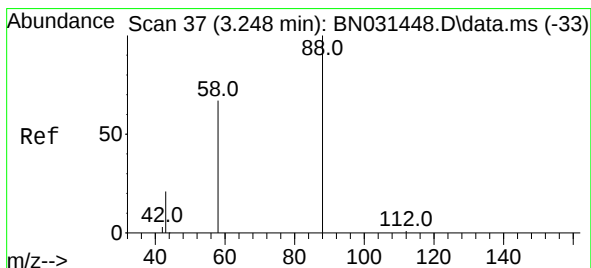
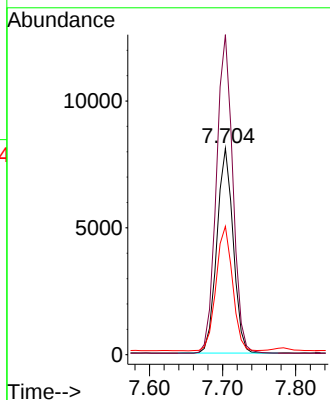
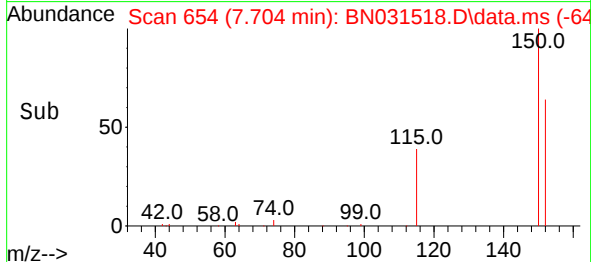


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.704 min Scan# 61
 Delta R.T. -0.014 min
 Lab File: BN031518.D
 Acq: 14 May 2024 10:32

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

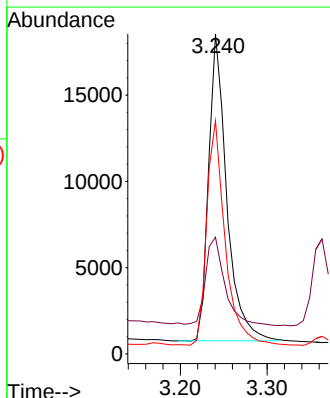
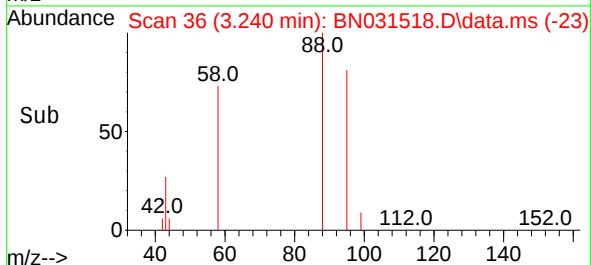
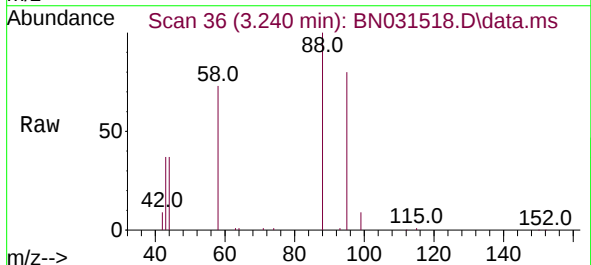


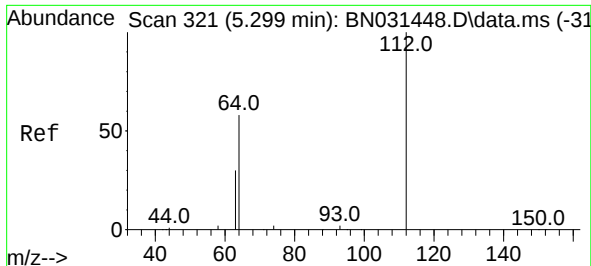
Tgt Ion:152 Resp: 12478
 Ion Ratio Lower Upper
 152 100
 150 155.0 119.3 178.9
 115 62.2 54.8 82.2



#2
 1,4-Dioxane
 Concen: 1.680 ng
 RT: 3.240 min Scan# 36
 Delta R.T. -0.007 min
 Lab File: BN031518.D
 Acq: 14 May 2024 10:32

Tgt Ion: 88 Resp: 25782
 Ion Ratio Lower Upper
 88 100
 43 31.0 39.0 58.6#
 58 73.9 54.9 82.3

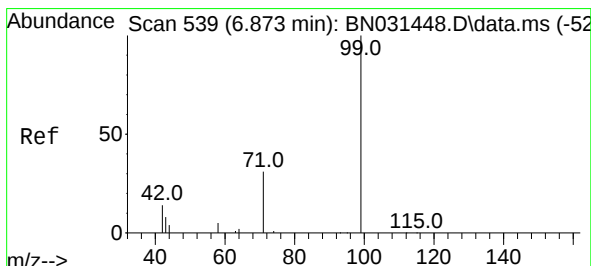
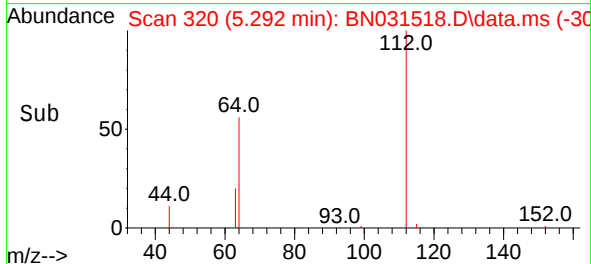
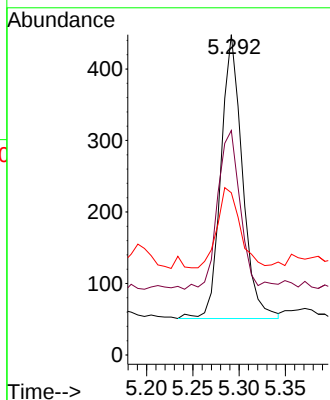
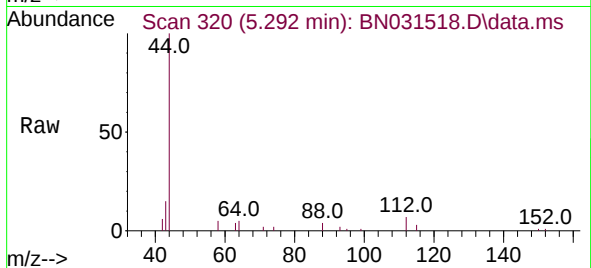




#4
2-Fluorophenol
Concen: 0.018 ng
RT: 5.292 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN031518.D
Acq: 14 May 2024 10:32

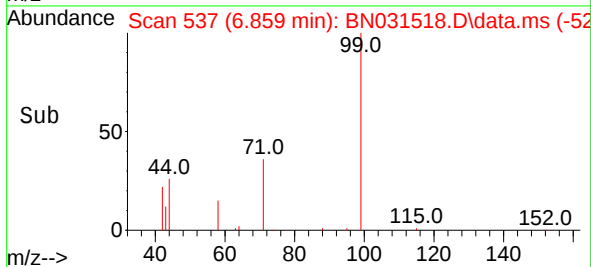
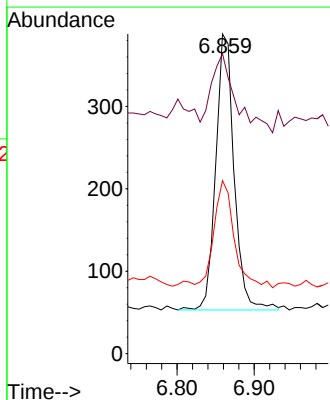
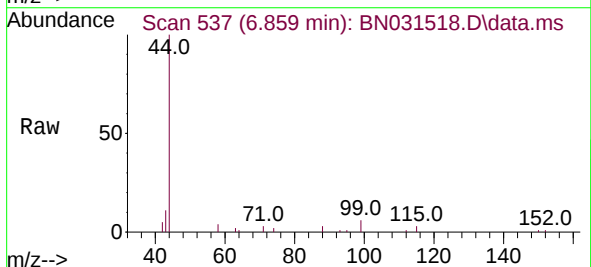
Instrument :
BNA_N
ClientSampleId :
RMW-03B-90-051024DL

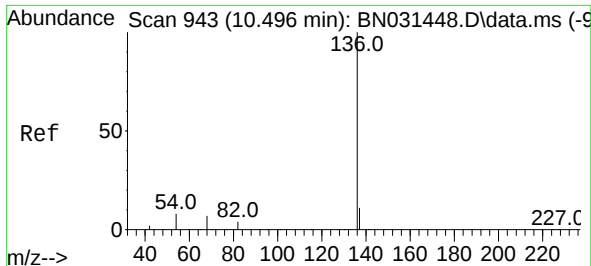
Tgt Ion:112 Resp: 641
Ion Ratio Lower Upper
112 100
64 57.4 44.0 66.0
63 29.8 22.2 33.4



#5
Phenol-d6
Concen: 0.012 ng
RT: 6.859 min Scan# 537
Delta R.T. -0.015 min
Lab File: BN031518.D
Acq: 14 May 2024 10:32

Tgt Ion: 99 Resp: 556
Ion Ratio Lower Upper
99 100
42 37.9 13.5 20.3#
71 42.6 26.1 39.1#

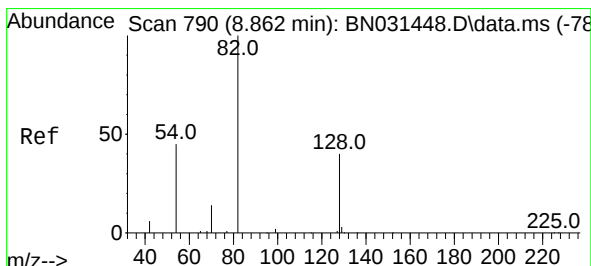
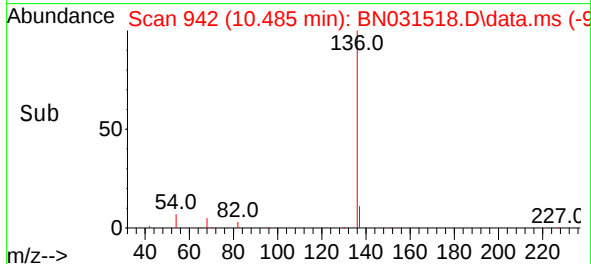
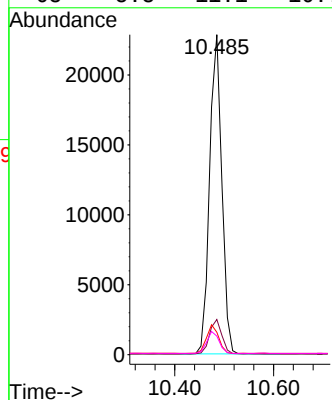
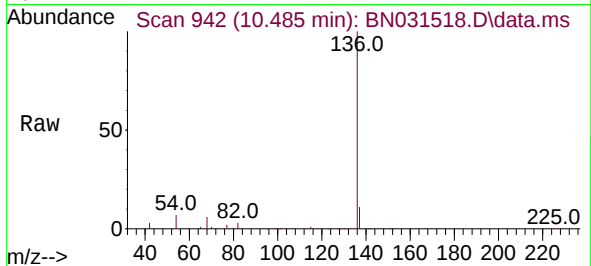




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.485 min Scan# 943
Delta R.T. -0.011 min
Lab File: BN031518.D
Acq: 14 May 2024 10:32

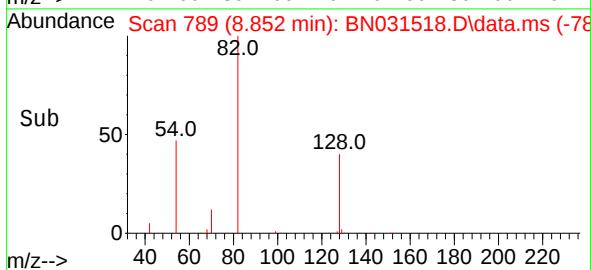
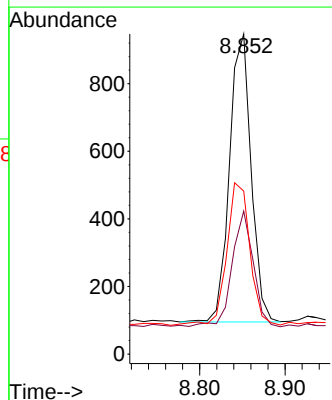
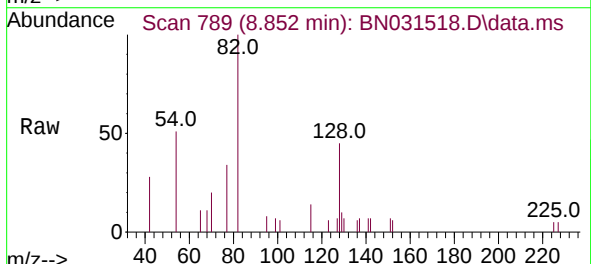
Instrument :
BNA_N
ClientSampleId :
RMW-03B-90-051024DL

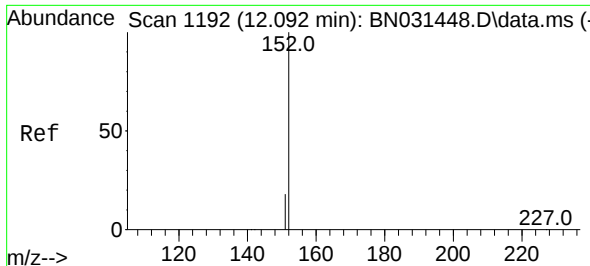
Tgt Ion:	136	Resp:	39081
Ion Ratio	Lower	Upper	
136	100		
137	11.0	10.1	15.1
54	7.0	10.5	15.7#
68	5.8	11.1	16.7#



#8
Nitrobenzene-d5
Concen: 0.053 ng
RT: 8.852 min Scan# 789
Delta R.T. -0.011 min
Lab File: BN031518.D
Acq: 14 May 2024 10:32

Tgt Ion:	82	Resp:	1500
Ion Ratio	Lower	Upper	
82	100		
128	44.7	29.0	43.6#
54	50.9	37.2	55.8

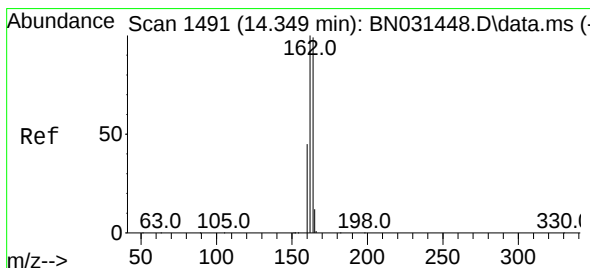
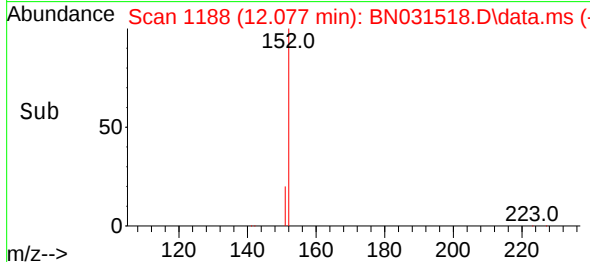
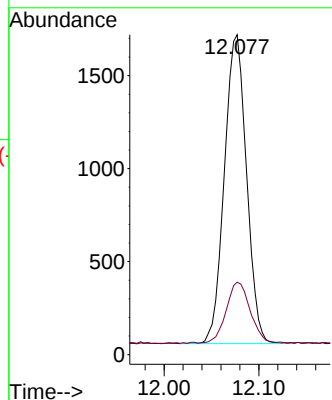
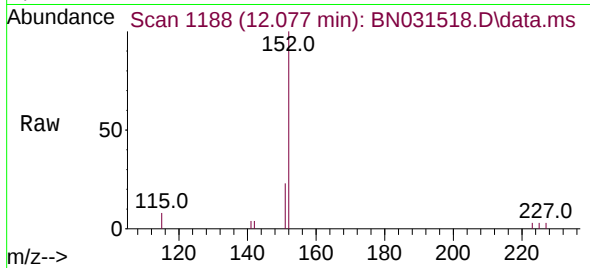




#11
2-Methylnaphthalene-d10
Concen: 0.043 ng
RT: 12.077 min Scan# 1192
Delta R.T. -0.015 min
Lab File: BN031518.D
Acq: 14 May 2024 10:32

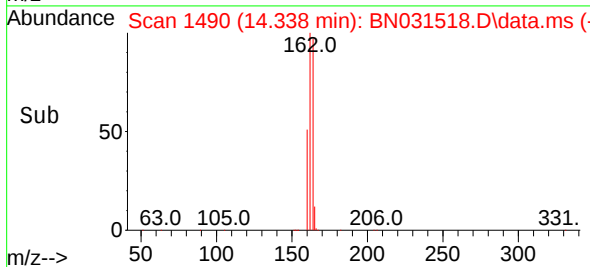
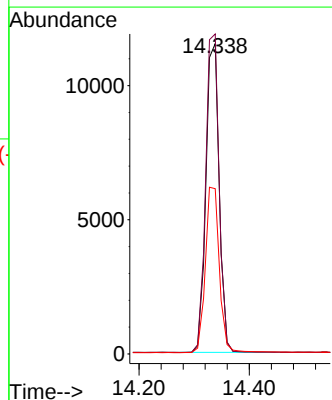
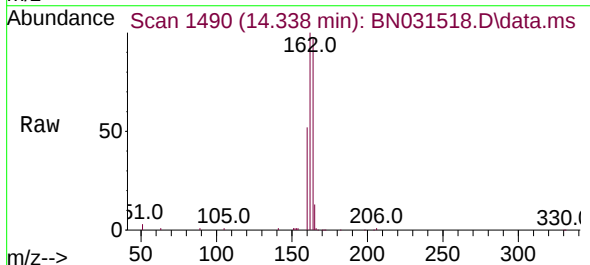
Instrument :
BNA_N
ClientSampleId :
RMW-03B-90-051024DL

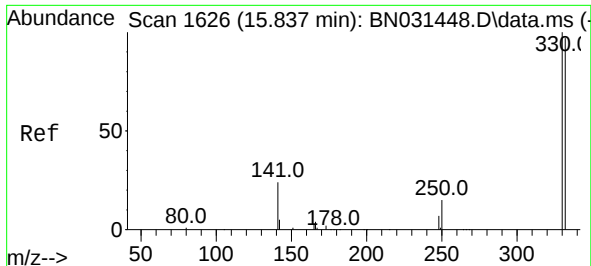
Tgt Ion:152 Resp: 2697
Ion Ratio Lower Upper
152 100
151 21.5 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.338 min Scan# 1490
Delta R.T. -0.011 min
Lab File: BN031518.D
Acq: 14 May 2024 10:32

Tgt Ion:164 Resp: 19390
Ion Ratio Lower Upper
164 100
162 103.1 81.2 121.8
160 53.2 37.0 55.6





#14

2,4,6-Tribromophenol

Concen: 0.032 ng

RT: 15.825 min Scan# 1

Delta R.T. -0.013 min

Lab File: BN031518.D

Acq: 14 May 2024 10:32

Instrument :

BNA_N

ClientSampleId :

RMW-03B-90-051024DL

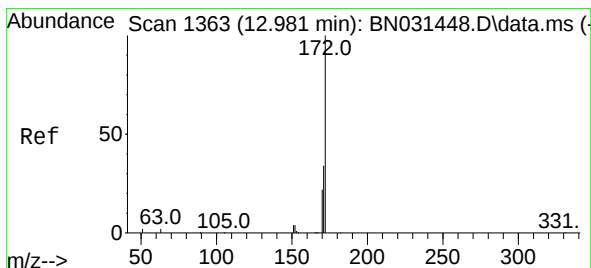
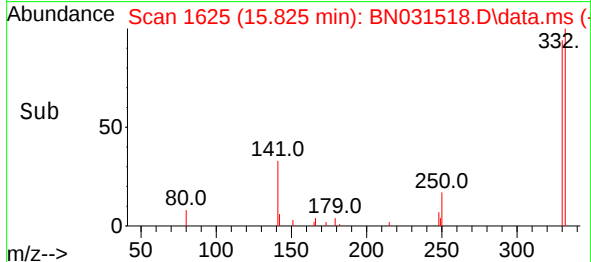
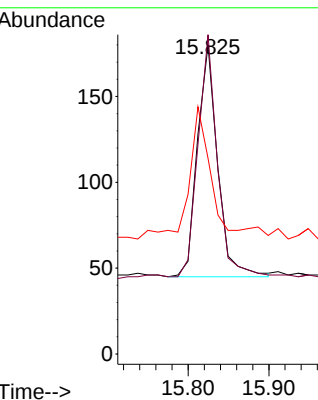
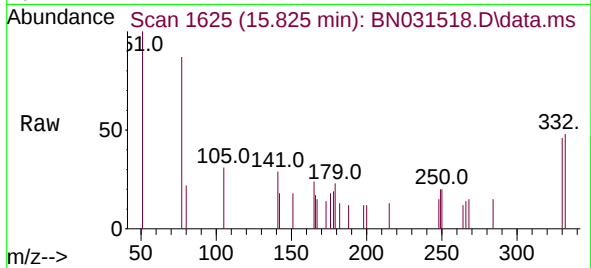
Tgt Ion:330 Resp: 236

Ion Ratio Lower Upper

330 100

332 99.6 76.6 114.8

141 47.5 37.0 55.4



#15

2-Fluorobiphenyl

Concen: 0.061 ng

RT: 12.959 min Scan# 1361

Delta R.T. -0.022 min

Lab File: BN031518.D

Acq: 14 May 2024 10:32

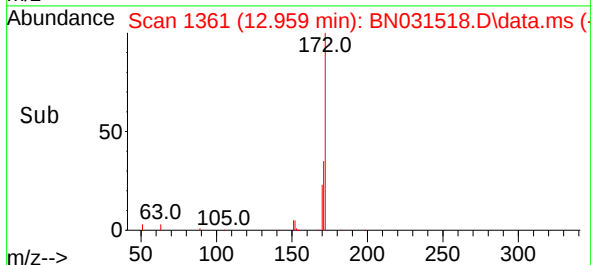
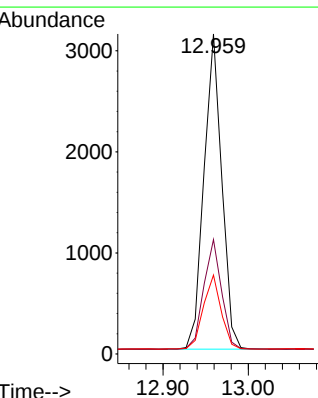
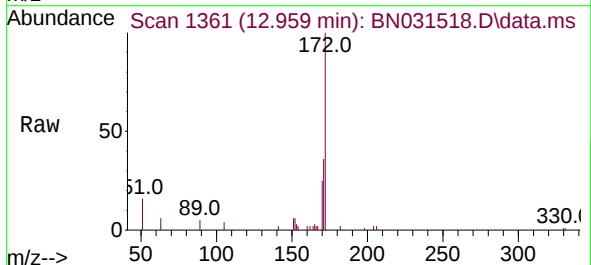
Tgt Ion:172 Resp: 4524

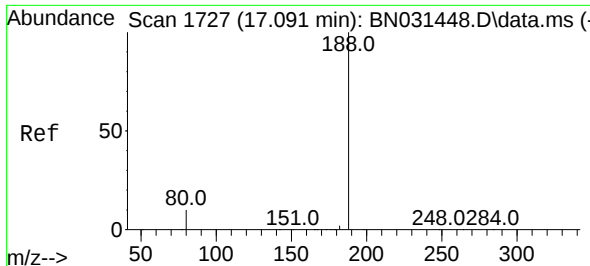
Ion Ratio Lower Upper

172 100

171 35.8 27.8 41.8

170 24.7 18.3 27.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.078 min Scan# 11

Delta R.T. -0.013 min

Lab File: BN031518.D

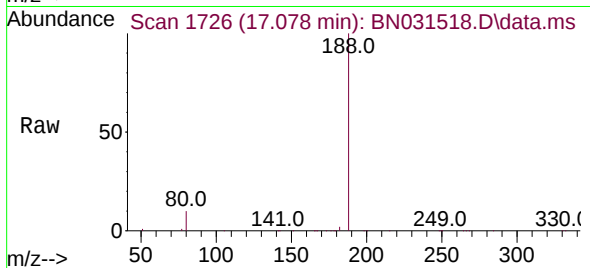
Acq: 14 May 2024 10:32

Instrument :

BNA_N

ClientSampleId :

RMW-03B-90-051024DL



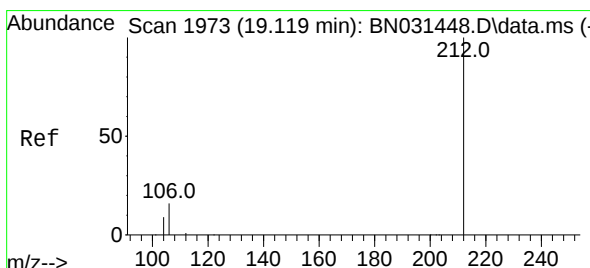
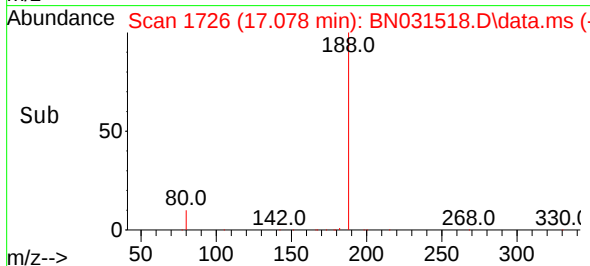
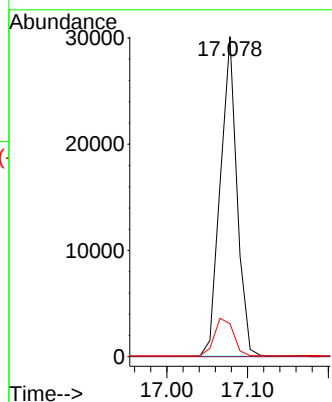
Tgt Ion:188 Resp: 43231

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.3 9.6 14.4



#27

Fluoranthene-d10

Concen: 0.049 ng

RT: 19.110 min Scan# 1971

Delta R.T. -0.009 min

Lab File: BN031518.D

Acq: 14 May 2024 10:32

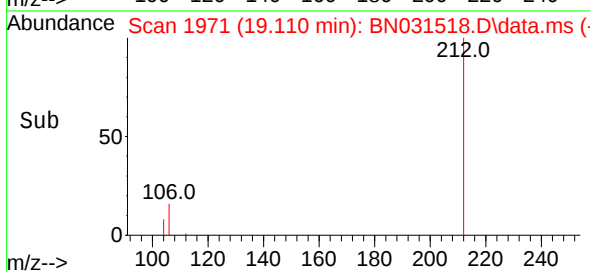
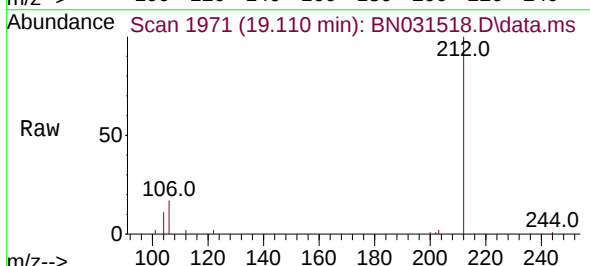
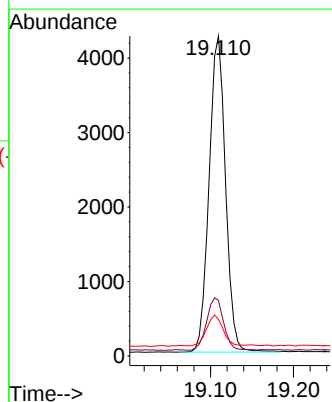
Tgt Ion:212 Resp: 5855

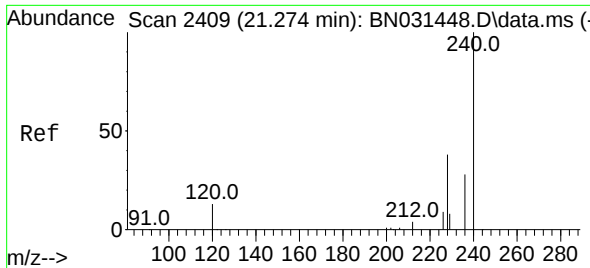
Ion Ratio Lower Upper

212 100

106 17.0 12.0 18.0

104 9.6 6.9 10.3

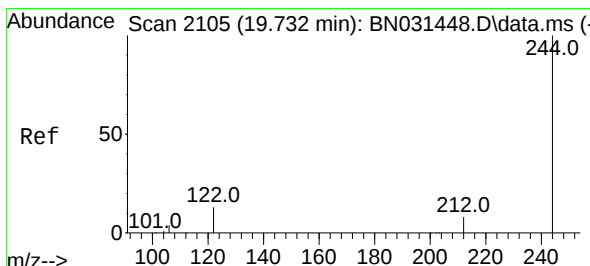
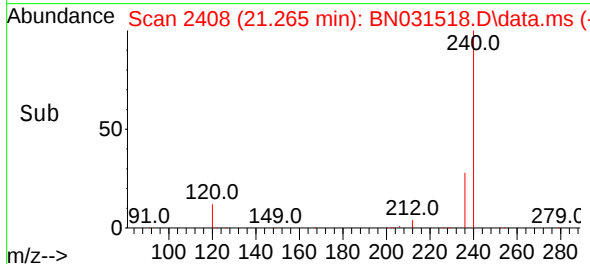
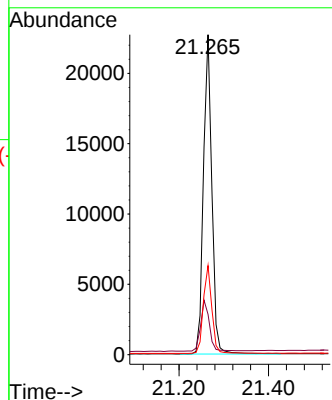
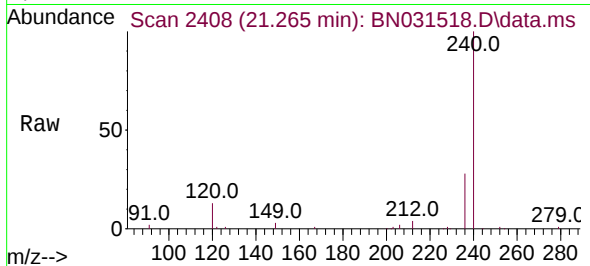




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.265 min Scan# 2408
Delta R.T. -0.009 min
Lab File: BN031518.D
Acq: 14 May 2024 10:32

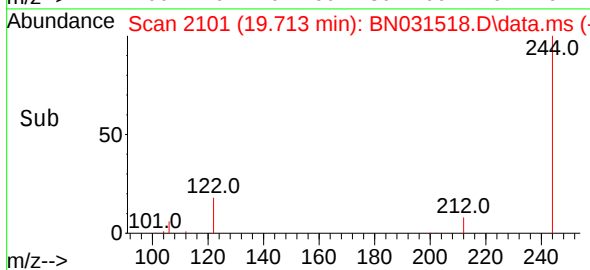
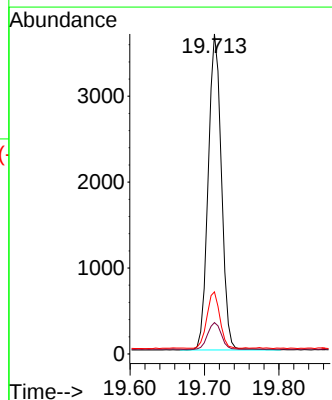
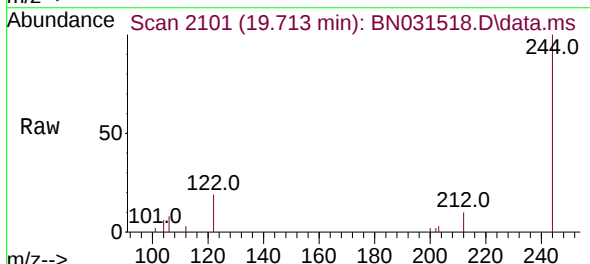
Instrument :
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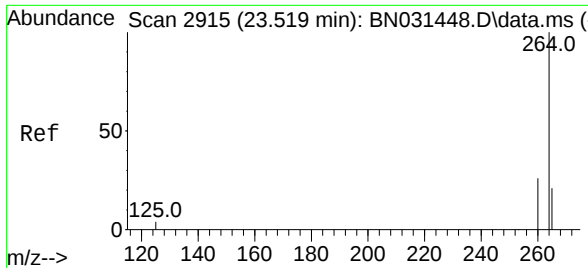
Tgt Ion:240 Resp: 29675
Ion Ratio Lower Upper
240 100
120 12.6 11.4 17.2
236 27.9 22.2 33.4



#31
Terphenyl-d14
Concen: 0.062 ng
RT: 19.713 min Scan# 2101
Delta R.T. -0.019 min
Lab File: BN031518.D
Acq: 14 May 2024 10:32

Tgt Ion:244 Resp: 4515
Ion Ratio Lower Upper
244 100
212 9.8 6.5 9.7#
122 19.4 11.4 17.2#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.502 min Scan# 24
 Delta R.T. -0.018 min
 Lab File: BN031518.D
 Acq: 14 May 2024 10:32

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

Tgt Ion:264	Resp:	24939
Ion Ratio	Lower	Upper
264	100	
260	25.8	20.6 31.0
265	41.6	24.0 36.0#

