

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051324\
 Data File : BN031509.D
 Acq On : 13 May 2024 20:50
 Operator : MA/JU
 Sample : P2451-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20240509

Quant Time: May 14 00:48:44 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)

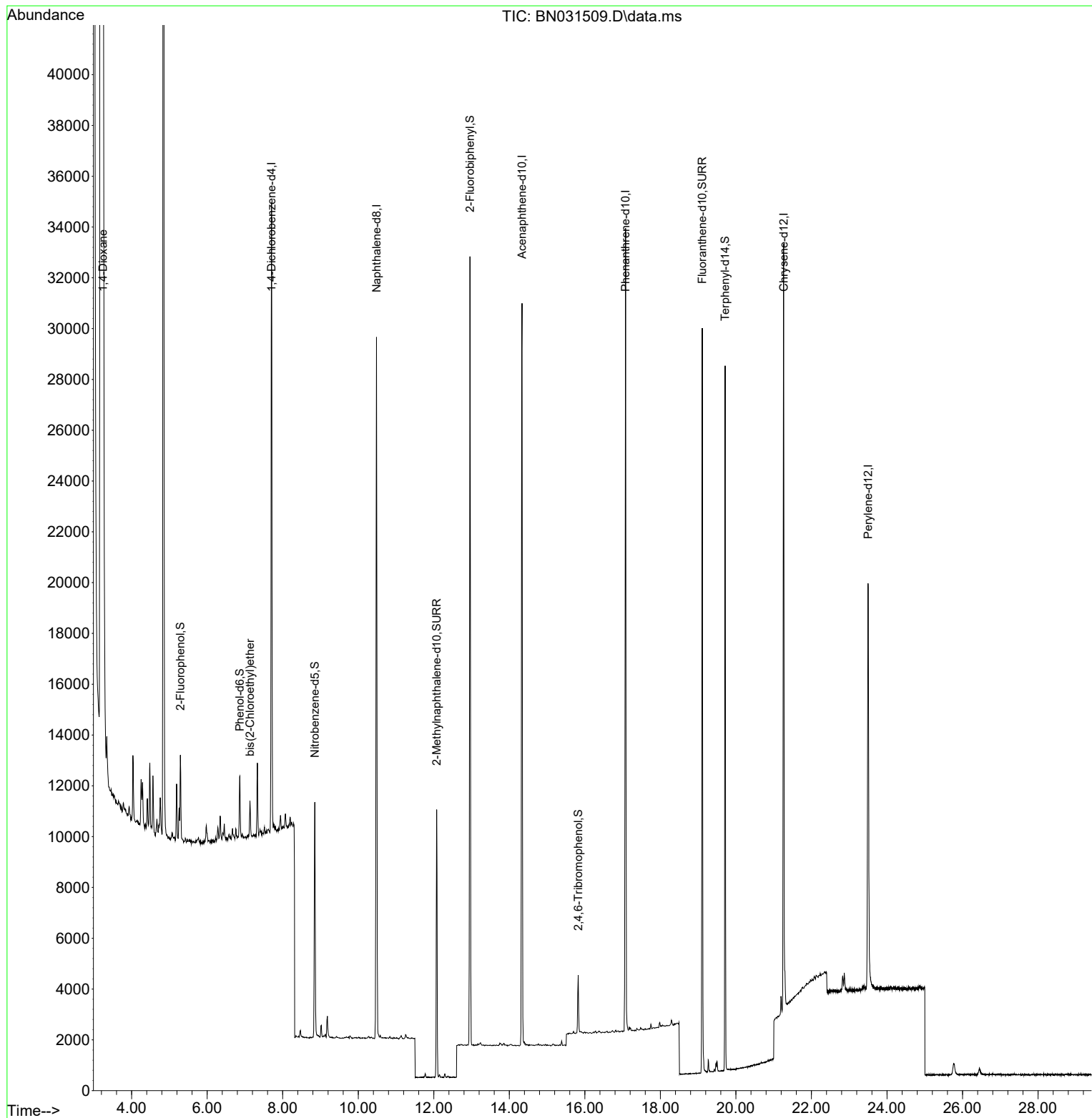
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.704	152	11445	0.400	ng	-0.01
7) Naphthalene-d8	10.485	136	34756	0.400	ng	#-0.01
13) Acenaphthene-d10	14.338	164	17442	0.400	ng	-0.01
19) Phenanthrene-d10	17.078	188	39223	0.400	ng	-0.01
29) Chrysene-d12	21.265	240	27611	0.400	ng	0.00
35) Perylene-d12	23.499	264	23607	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.292	112	2736	0.084	ng	0.00
5) Phenol-d6	6.866	99	2177	0.050	ng	0.00
8) Nitrobenzene-d5	8.852	82	7461	0.299	ng	-0.01
11) 2-Methylnaphthalene-d10	12.077	152	13795	0.246	ng	-0.02
14) 2,4,6-Tribromophenol	15.825	330	1244	0.188	ng	-0.01
15) 2-Fluorobiphenyl	12.959	172	25827	0.384	ng	-0.02
27) Fluoranthene-d10	19.110	212	31083	0.286	ng	0.00
31) Terphenyl-d14	19.714	244	24593	0.364	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.240	88	49038	3.483	ng	# 85
6) bis(2-Chloroethyl)ether	7.133	93	899	0.024	ng	90

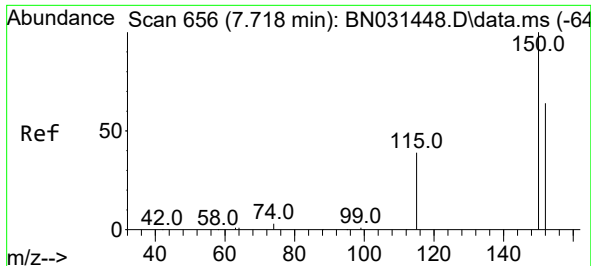
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051324\
Data File : BN031509.D
Acq On : 13 May 2024 20:50
Operator : MA/JU
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SP-100-20240509

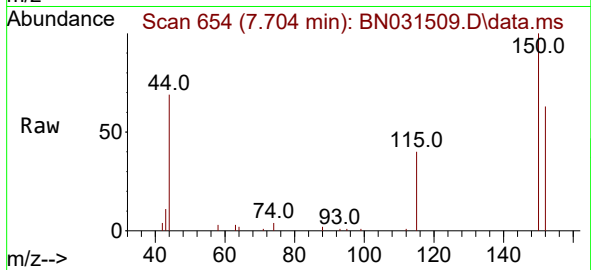
Quant Time: May 14 00:48:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 02:12:24 2024
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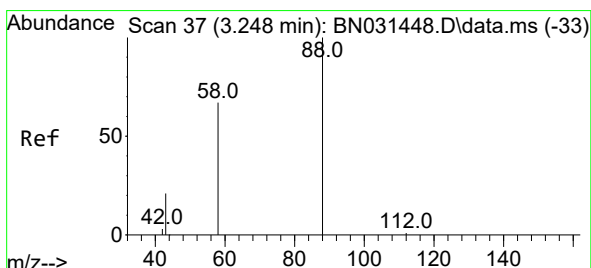
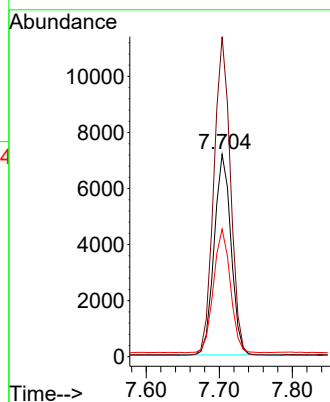
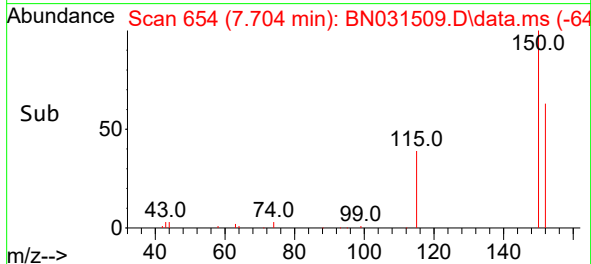


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.704 min Scan# 61
 Delta R.T. -0.014 min
 Lab File: BN031509.D
 Acq: 13 May 2024 20:50

Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20240509

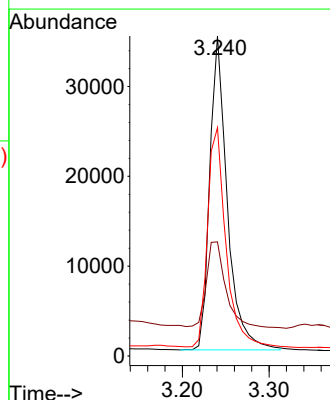
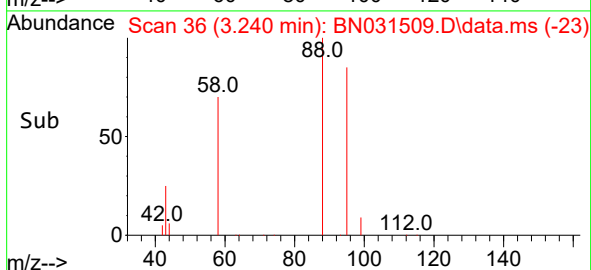
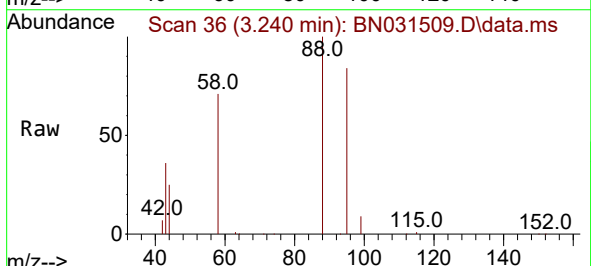


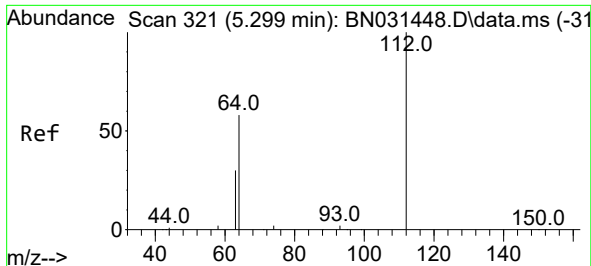
Tgt Ion:152 Resp: 11445
 Ion Ratio Lower Upper
 152 100
 150 158.1 119.3 178.9
 115 63.0 54.8 82.2



#2
 1,4-Dioxane
 Concen: 3.483 ng
 RT: 3.240 min Scan# 36
 Delta R.T. -0.007 min
 Lab File: BN031509.D
 Acq: 13 May 2024 20:50

Tgt Ion: 88 Resp: 49038
 Ion Ratio Lower Upper
 88 100
 43 30.3 39.0 58.6#
 58 73.1 54.9 82.3





#4

2-Fluorophenol

Concen: 0.084 ng

RT: 5.292 min Scan# 31

Delta R.T. -0.007 min

Lab File: BN031509.D

Acq: 13 May 2024 20:50

Instrument :

BNA_N

ClientSampleId :

SP-100-20240509

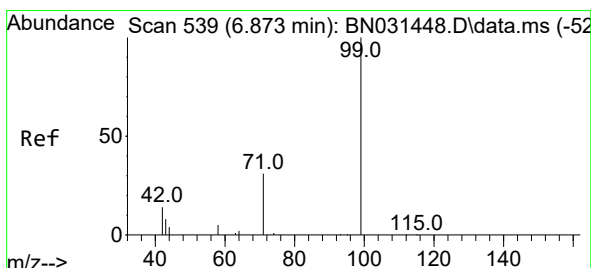
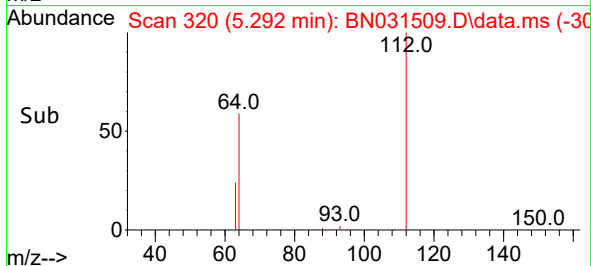
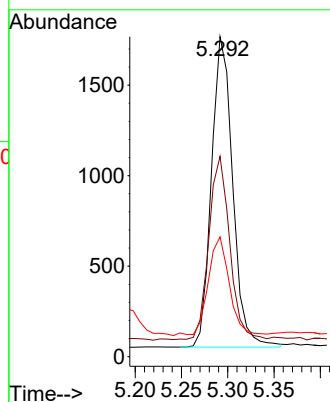
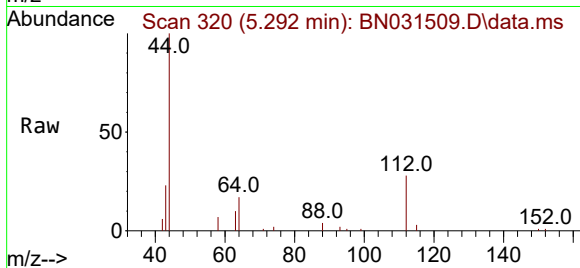
Tgt Ion:112 Resp: 2736

Ion Ratio Lower Upper

112 100

64 57.6 44.0 66.0

63 31.7 22.2 33.4



#5

Phenol-d6

Concen: 0.050 ng

RT: 6.866 min Scan# 538

Delta R.T. -0.007 min

Lab File: BN031509.D

Acq: 13 May 2024 20:50

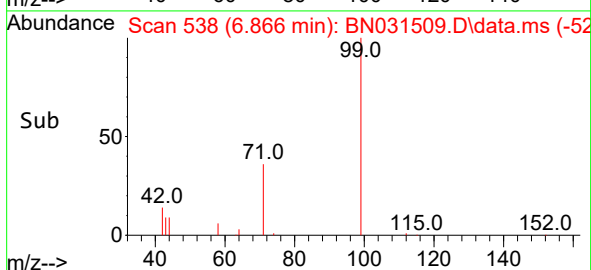
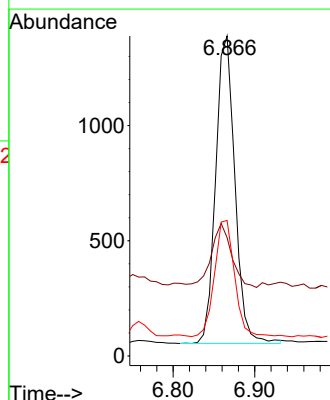
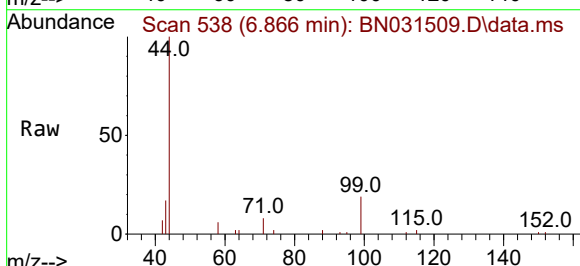
Tgt Ion: 99 Resp: 2177

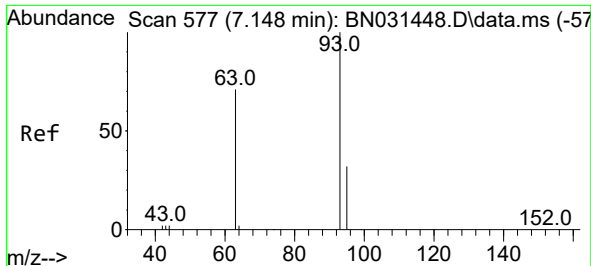
Ion Ratio Lower Upper

99 100

42 22.1 13.5 20.3#

71 39.5 26.1 39.1#

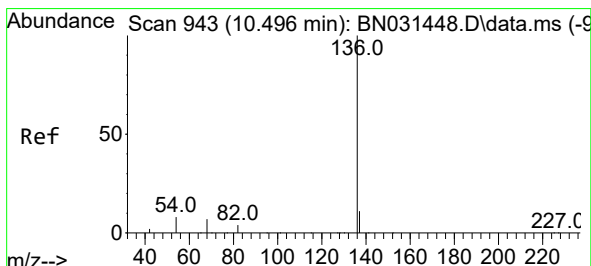
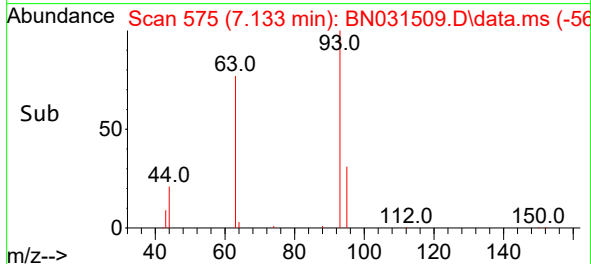
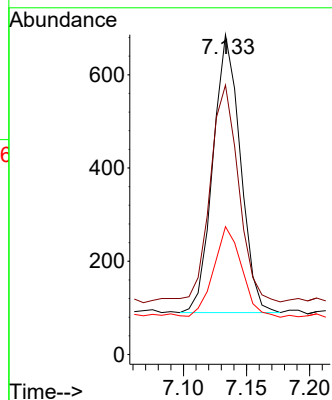
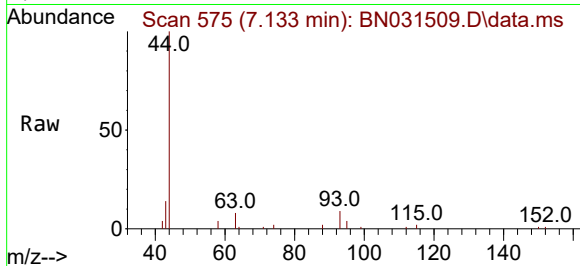




#6
bis(2-Chloroethyl)ether
Concen: 0.024 ng
RT: 7.133 min Scan# 51
Delta R.T. -0.015 min
Lab File: BN031509.D
Acq: 13 May 2024 20:50

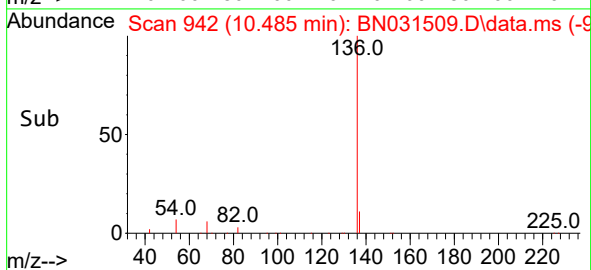
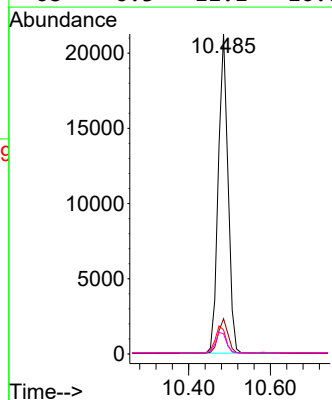
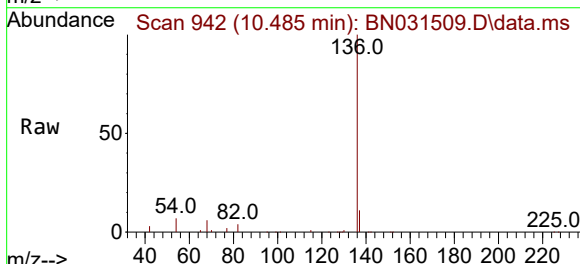
Instrument :
BNA_N
ClientSampleId :
SP-100-20240509

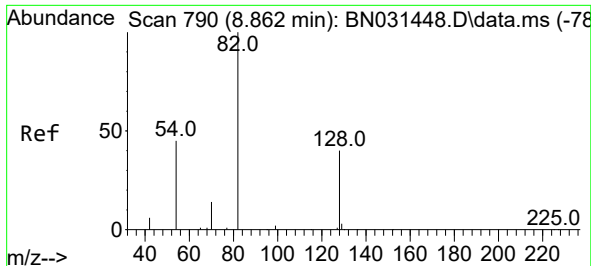
Tgt Ion: 93 Resp: 899
Ion Ratio Lower Upper
93 100
63 83.1 56.6 85.0
95 33.5 27.3 40.9



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.485 min Scan# 942
Delta R.T. -0.011 min
Lab File: BN031509.D
Acq: 13 May 2024 20:50

Tgt Ion: 136 Resp: 34756
Ion Ratio Lower Upper
136 100
137 11.0 10.1 15.1
54 7.5 10.5 15.7#
68 6.3 11.1 16.7#

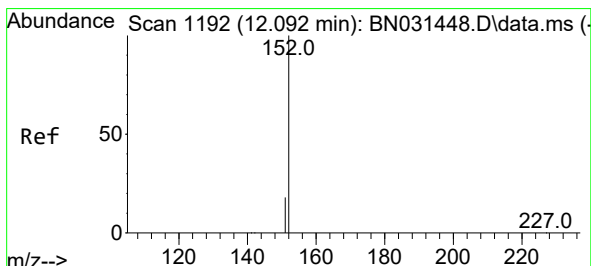
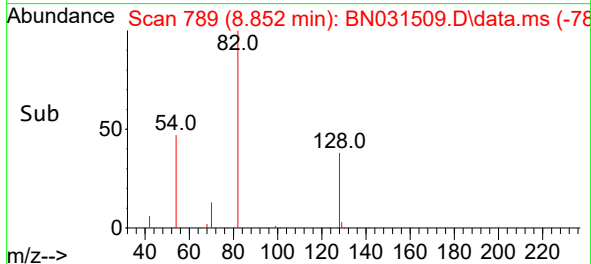
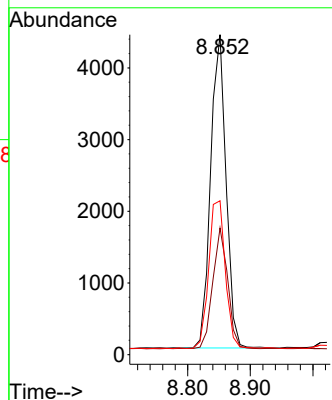
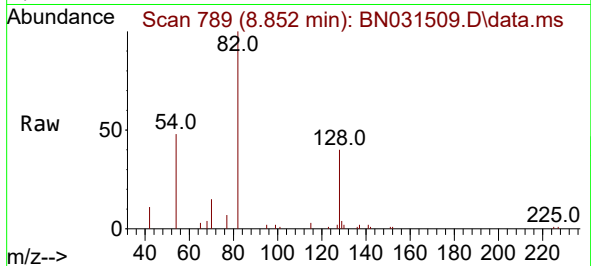




#8
Nitrobenzene-d5
Concen: 0.299 ng
RT: 8.852 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN031509.D
Acq: 13 May 2024 20:50

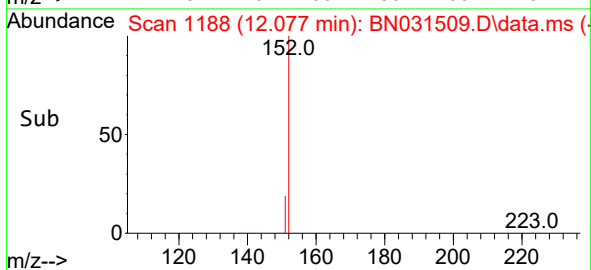
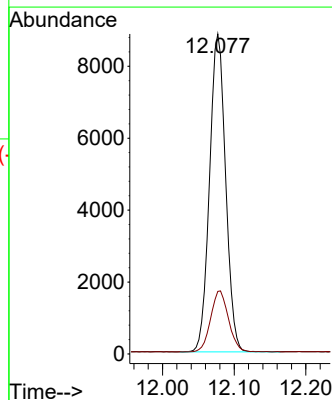
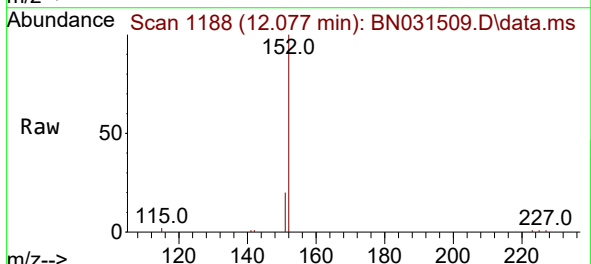
Instrument :
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ClientSampleId :
SP-100-20240509

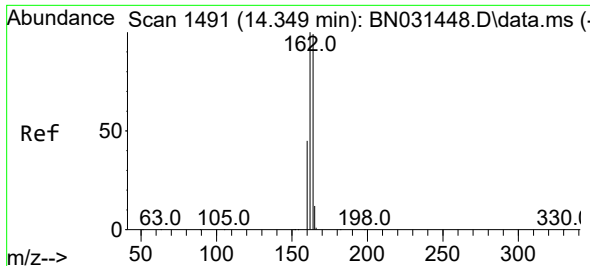
Tgt Ion: 82 Resp: 7461
Ion Ratio Lower Upper
82 100
128 39.6 29.0 43.6
54 48.1 37.2 55.8



#11
2-Methylnaphthalene-d10
Concen: 0.246 ng
RT: 12.077 min Scan# 1188
Delta R.T. -0.015 min
Lab File: BN031509.D
Acq: 13 May 2024 20:50

Tgt Ion: 152 Resp: 13795
Ion Ratio Lower Upper
152 100
151 21.2 16.6 25.0

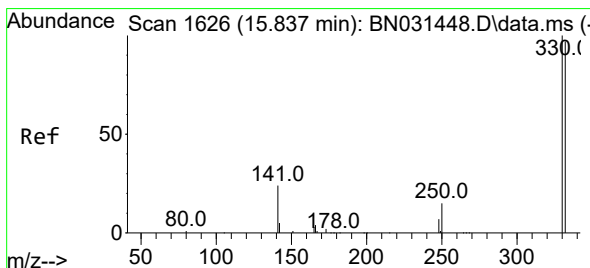
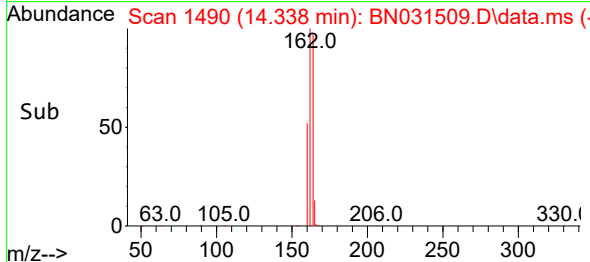
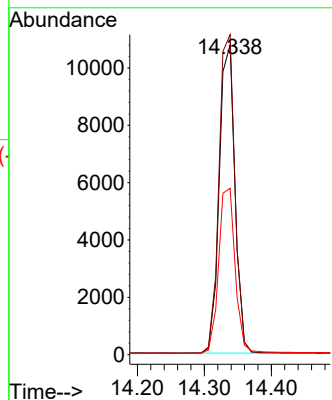
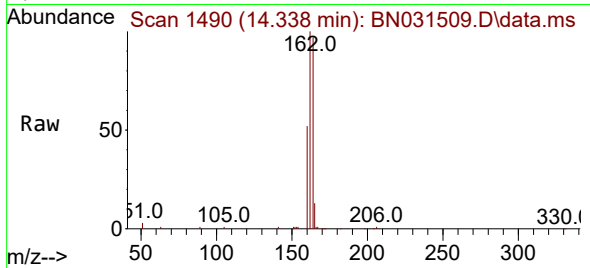




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.338 min Scan# 1490
 Delta R.T. -0.011 min
 Lab File: BN031509.D
 Acq: 13 May 2024 20:50

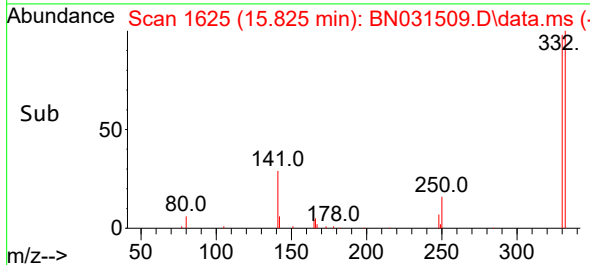
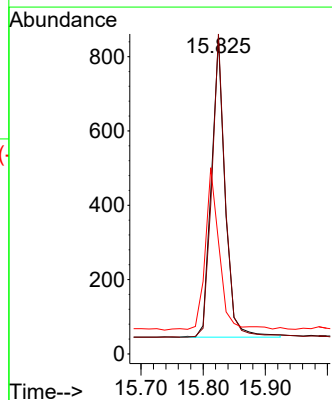
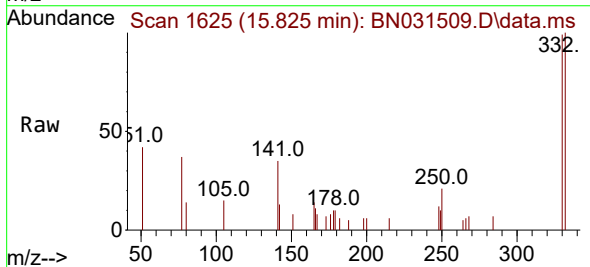
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 ClientSampleId :
 SP-100-20240509

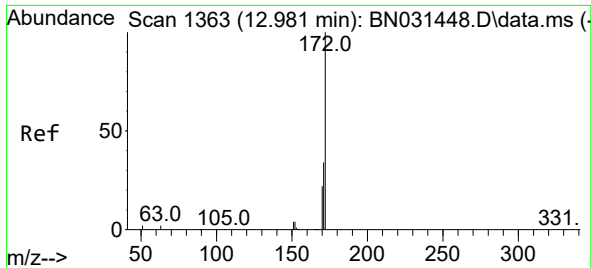
Tgt Ion:164 Resp: 17442
 Ion Ratio Lower Upper
 164 100
 162 103.2 81.2 121.8
 160 53.7 37.0 55.6



#14
 2,4,6-Tribromophenol
 Concen: 0.188 ng
 RT: 15.825 min Scan# 1625
 Delta R.T. -0.013 min
 Lab File: BN031509.D
 Acq: 13 May 2024 20:50

Tgt Ion:330 Resp: 1244
 Ion Ratio Lower Upper
 330 100
 332 97.8 76.6 114.8
 141 53.1 37.0 55.4

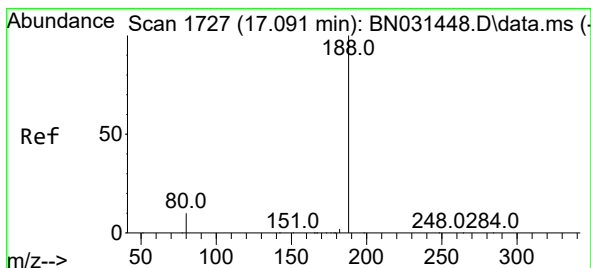
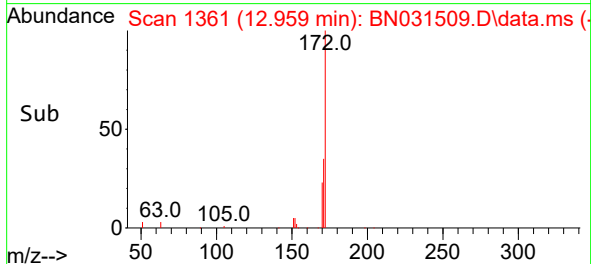
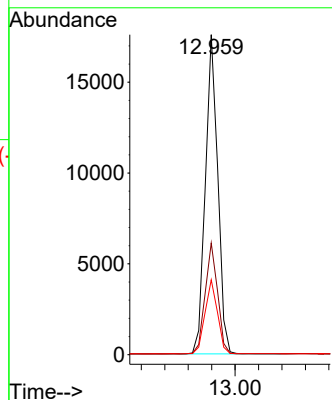
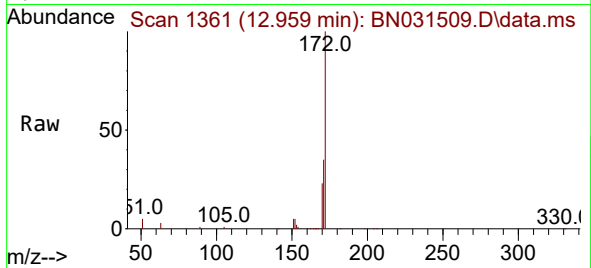




#15
2-Fluorobiphenyl
Concen: 0.384 ng
RT: 12.959 min Scan# 11
Delta R.T. -0.022 min
Lab File: BN031509.D
Acq: 13 May 2024 20:50

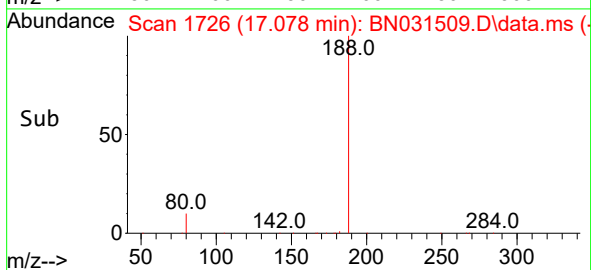
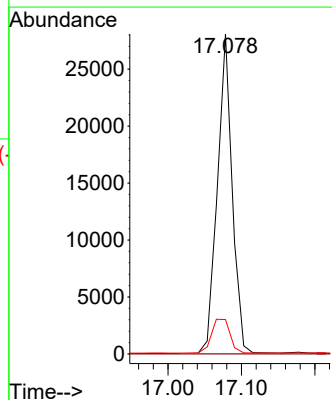
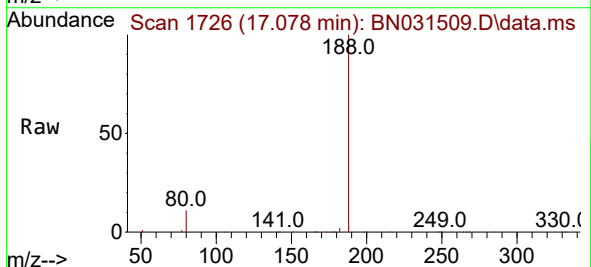
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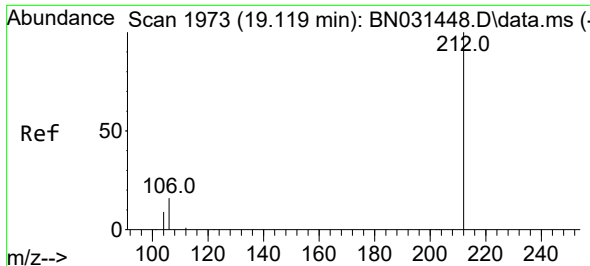
Tgt Ion:172 Resp: 25827
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.8
170 23.4 18.3 27.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.078 min Scan# 1726
Delta R.T. -0.013 min
Lab File: BN031509.D
Acq: 13 May 2024 20:50

Tgt Ion:188 Resp: 39223
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.8 9.6 14.4

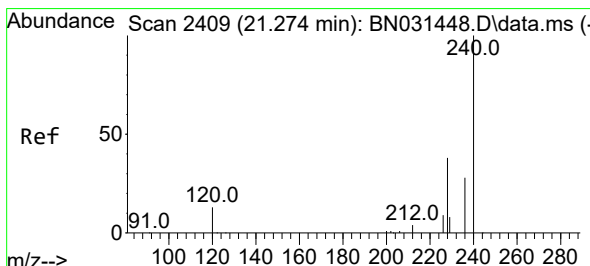
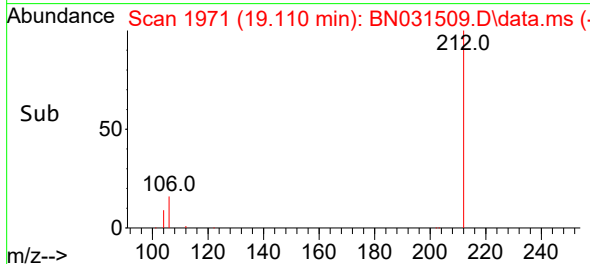
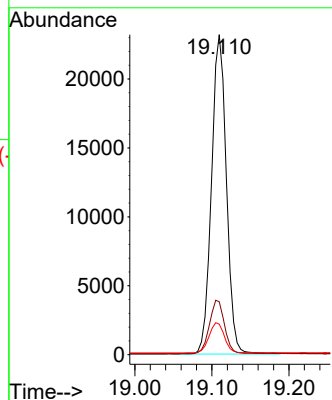
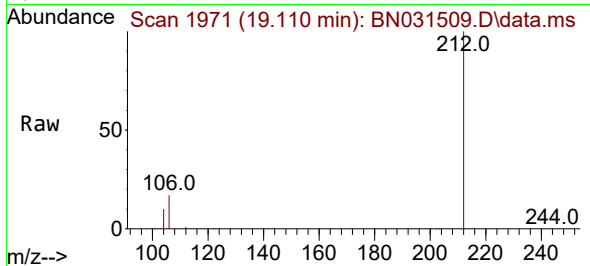




#27
Fluoranthene-d10
Concen: 0.286 ng
RT: 19.110 min Scan# 1973
Delta R.T. -0.009 min
Lab File: BN031509.D
Acq: 13 May 2024 20:50

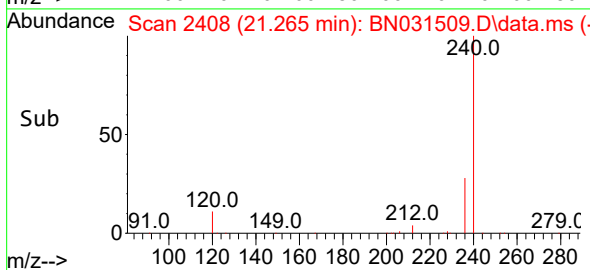
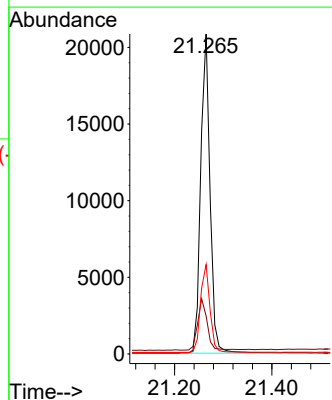
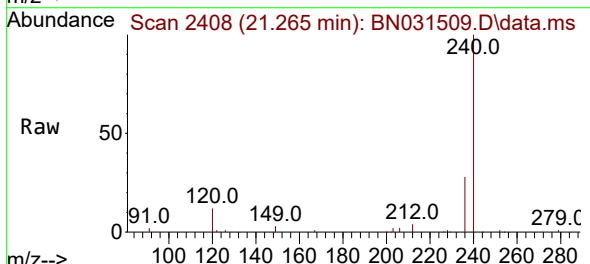
Instrument :
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SP-100-20240509

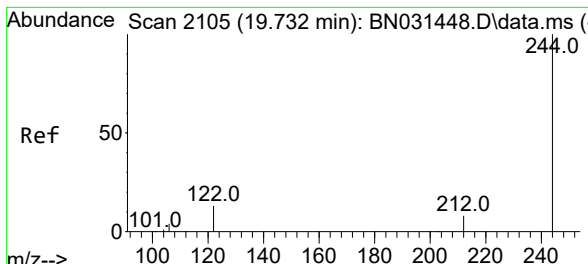
Tgt Ion:212 Resp: 31083
Ion Ratio Lower Upper
212 100
106 16.8 12.0 18.0
104 9.7 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.265 min Scan# 2408
Delta R.T. -0.009 min
Lab File: BN031509.D
Acq: 13 May 2024 20:50

Tgt Ion:240 Resp: 27611
Ion Ratio Lower Upper
240 100
120 11.9 11.4 17.2
236 28.0 22.2 33.4

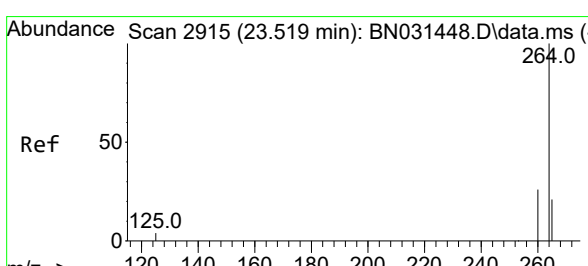
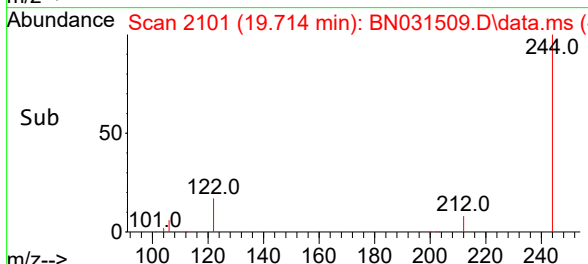
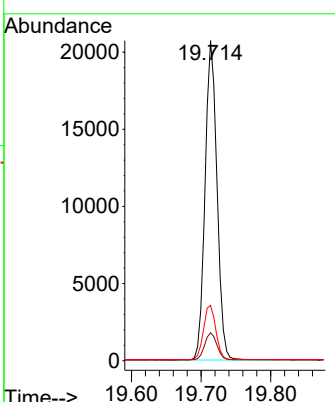
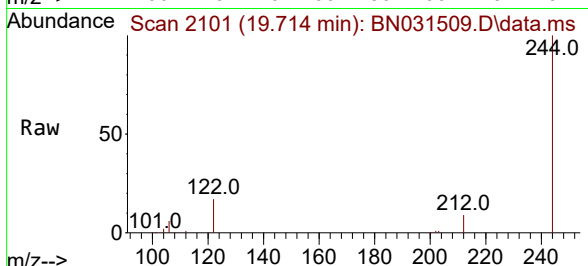




#31
 Terphenyl-d14
 Concen: 0.364 ng
 RT: 19.714 min Scan# 2101
 Delta R.T. -0.019 min
 Lab File: BN031509.D
 Acq: 13 May 2024 20:50

Instrument : BNA_N
 ClientSampleId : SP-100-20240509

Tgt Ion:	244	Resp:	24593
Ion Ratio	Lower	Upper	
244	100		
212	8.7	6.5	9.7
122	17.2	11.4	17.2#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.499 min Scan# 2908
 Delta R.T. -0.021 min
 Lab File: BN031509.D
 Acq: 13 May 2024 20:50

Tgt Ion:	264	Resp:	23607
Ion Ratio	Lower	Upper	
264	100		
260	26.2	20.6	31.0
265	43.1	24.0	36.0#

