

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070924\
 Data File : BN032582.D
 Acq On : 09 Jul 2024 11:37
 Operator : MA/JU
 Sample : P3167-10
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-DUP-20240702

Quant Time: Jul 09 12:47:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 02:39:48 2024
 Response via : Initial Calibration

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

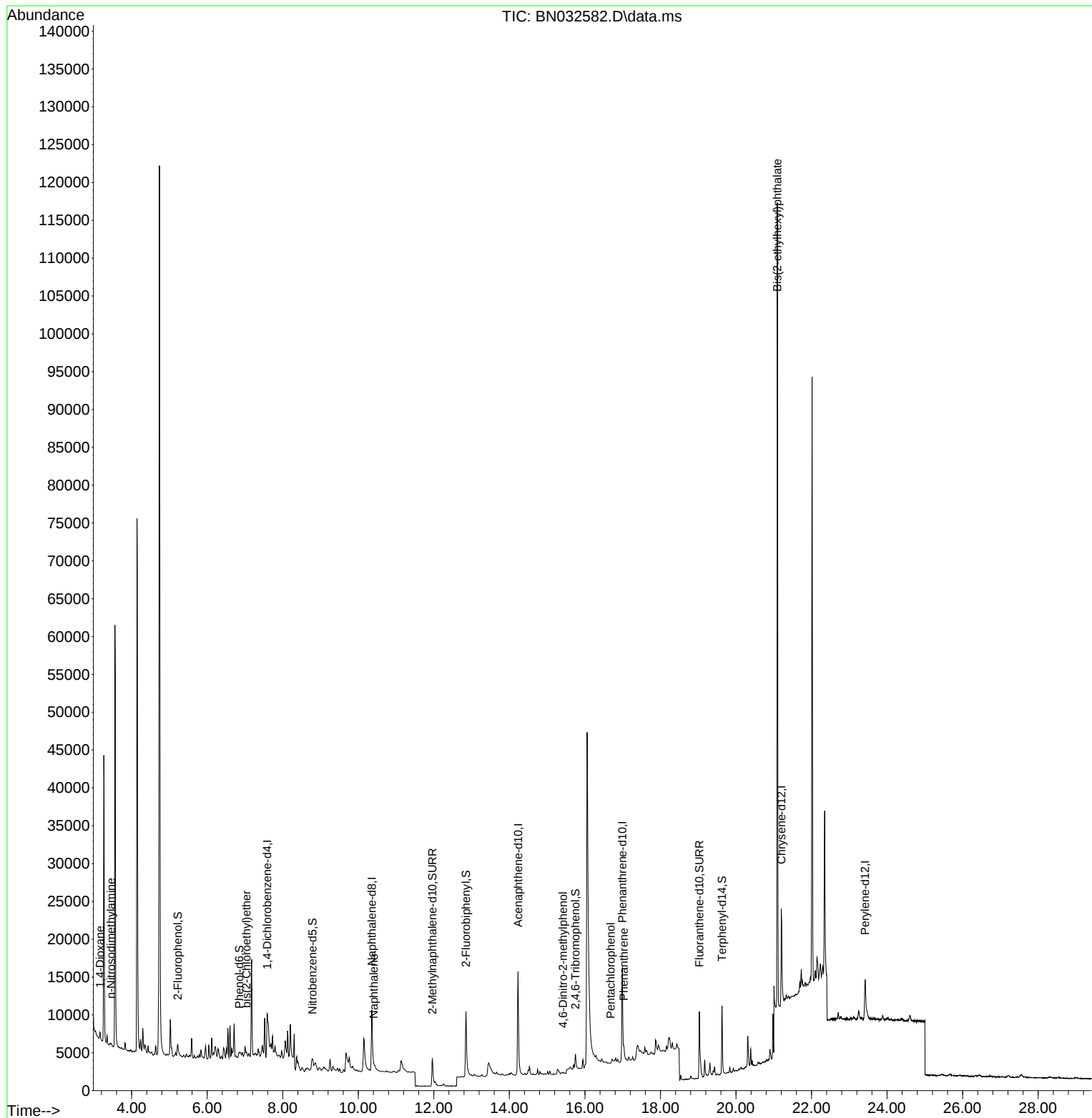
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.588	152	4397	0.400	ng	0.00
7) Naphthalene-d8	10.357	136	15542	0.400	ng	-0.02
13) Acenaphthene-d10	14.231	164	9707	0.400	ng	0.00
19) Phenanthrene-d10	16.991	188	21842	0.400	ng	-0.01
29) Chrysene-d12	21.202	240	15554	0.400	ng	# 0.00
35) Perylene-d12	23.420	264	9064	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.219	112	2695	0.243	ng	0.00
5) Phenol-d6	6.851	99	2520	0.177	ng	0.03
8) Nitrobenzene-d5	8.787	82	1883	0.162	ng	-0.01
11) 2-Methylnaphthalene-d10	11.960	152	7839	0.319	ng	-0.02
14) 2,4,6-Tribromophenol	15.750	330	1283	0.292	ng	-0.01
15) 2-Fluorobiphenyl	12.852	172	11940	0.334	ng	-0.01
27) Fluoranthene-d10	19.031	212	11624	0.204	ng	-0.01
31) Terphenyl-d14	19.630	244	10190	0.268	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.161	88	739	0.128	ng	# 46
3) n-Nitrosodimethylamine	3.457	42	188	0.045	ng	# 1
6) bis(2-Chloroethyl)ether	7.039	93	60	0.091	ng	# 1
9) Naphthalene	10.410	128	1602	0.038	ng	# 64
20) 4,6-Dinitro-2-methylph...	15.418	198	10	0.200	ng	# 1
24) Pentachlorophenol	16.681	266	14	0.170	ng	# 15
25) Phenanthrene	17.028	178	1904	0.032	ng	99
34) Bis(2-ethylhexyl)phtha...	21.094	149	90157	2.579	ng	98

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

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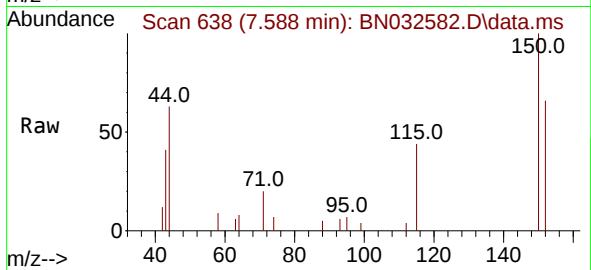
Quant Time: Jul 09 12:47:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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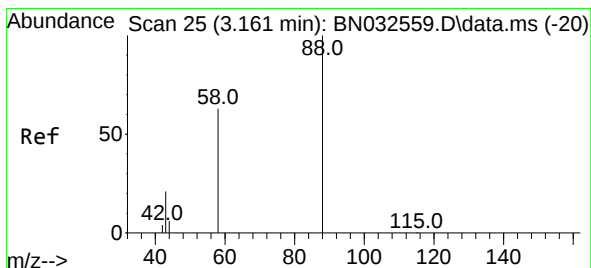
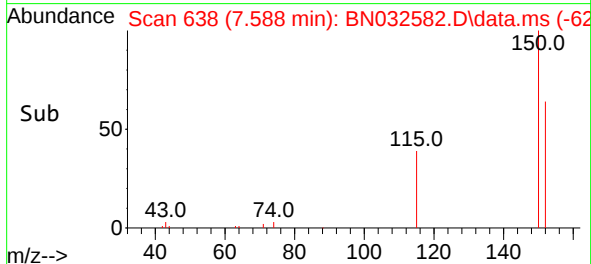
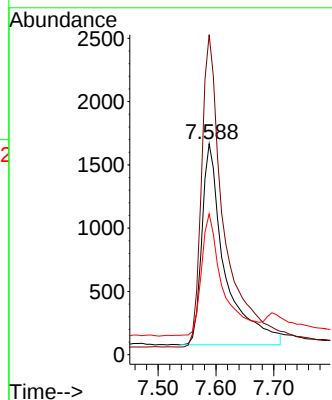
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.588 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN032582.D
 Acq: 09 Jul 2024 11:37

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 ClientSampleId :
 BP-VPB-196-DUP-20240702



Tgt Ion:152 Resp: 4397

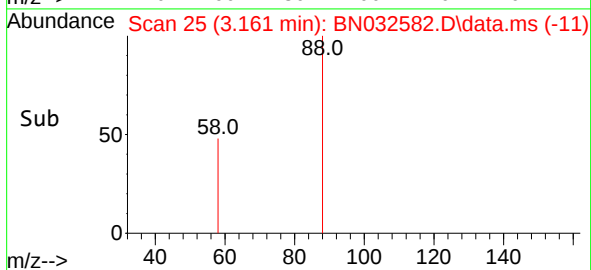
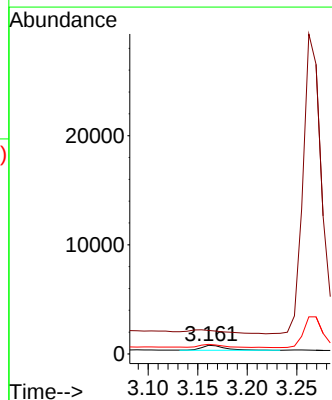
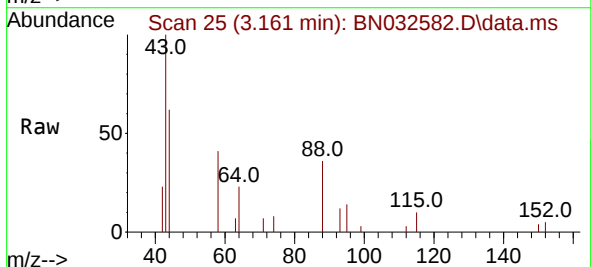
Ion	Ratio	Lower	Upper
152	100		
150	151.8	121.6	182.4
115	66.8	53.1	79.7

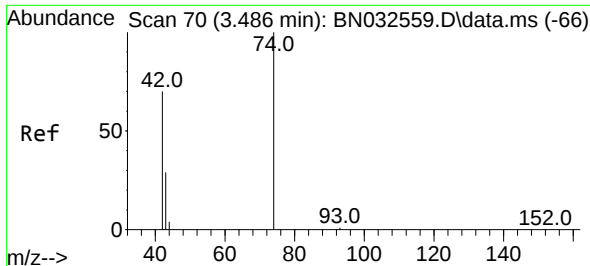


#2
 1,4-Dioxane
 Concen: 0.128 ng
 RT: 3.161 min Scan# 25
 Delta R.T. -0.000 min
 Lab File: BN032582.D
 Acq: 09 Jul 2024 11:37

Tgt Ion: 88 Resp: 739

Ion	Ratio	Lower	Upper
88	100		
43	118.0	20.4	30.6
58	66.2	51.0	76.6

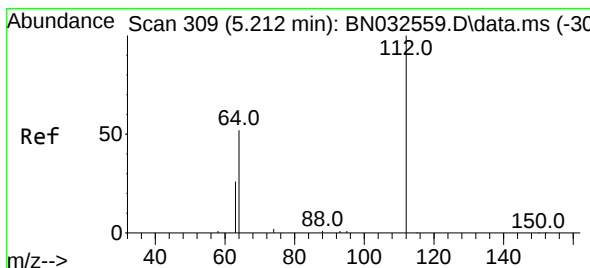
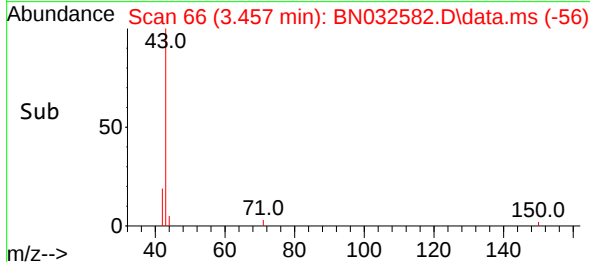
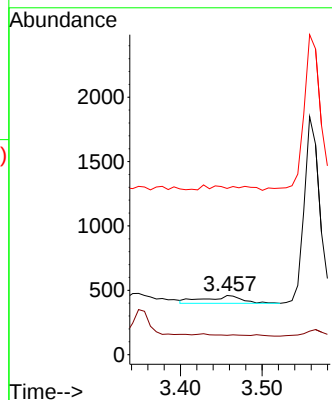
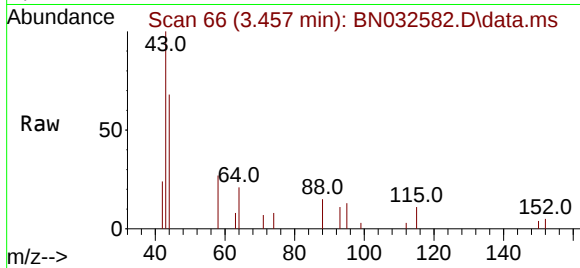




#3
n-Nitrosodimethylamine
Concen: 0.045 ng
RT: 3.457 min Scan# 60
Delta R.T. -0.029 min
Lab File: BN032582.D
Acq: 09 Jul 2024 11:37

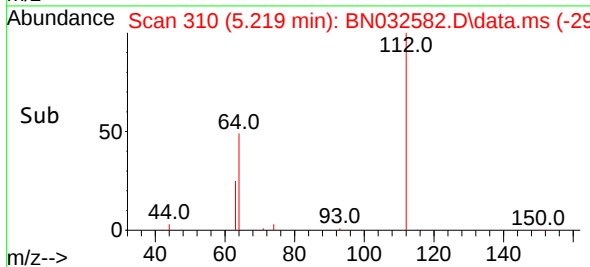
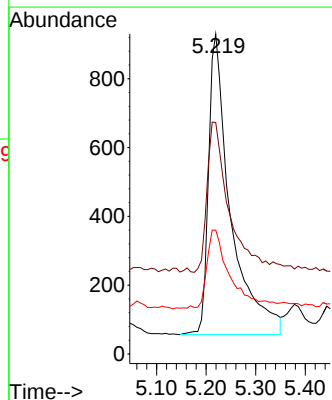
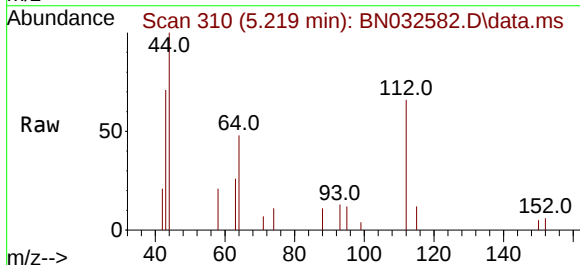
Instrument :
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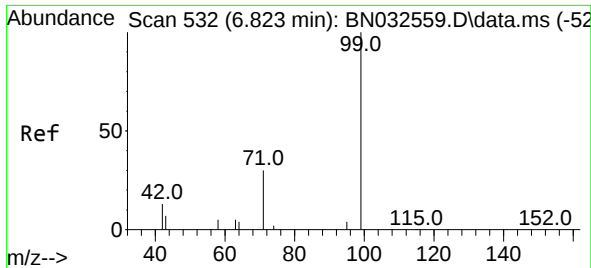
Tgt Ion: 42 Resp: 188
Ion Ratio Lower Upper
42 100
74 0.0 126.8 190.2#
44 0.0 8.7 13.1#



#4
2-Fluorophenol
Concen: 0.243 ng
RT: 5.219 min Scan# 310
Delta R.T. 0.007 min
Lab File: BN032582.D
Acq: 09 Jul 2024 11:37

Tgt Ion: 112 Resp: 2695
Ion Ratio Lower Upper
112 100
64 51.0 41.2 61.8
63 28.2 21.6 32.4

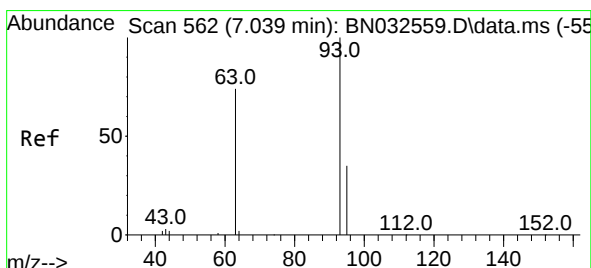
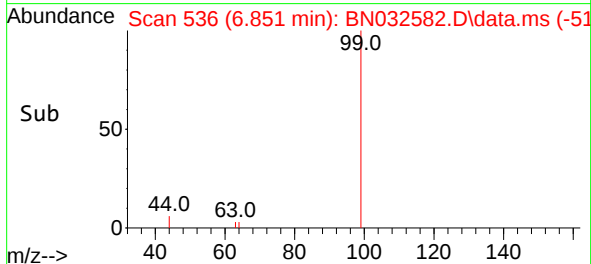
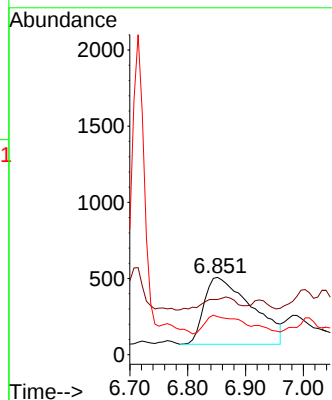
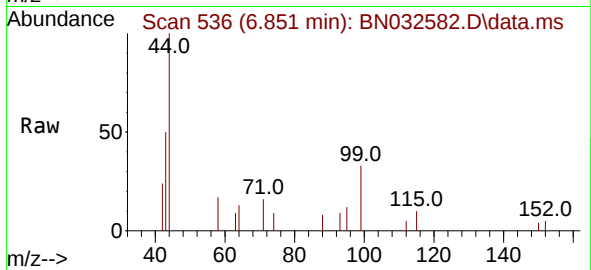




#5
Phenol-d6
Concen: 0.177 ng
RT: 6.851 min Scan# 51
Delta R.T. 0.029 min
Lab File: BN032582.D
Acq: 09 Jul 2024 11:37

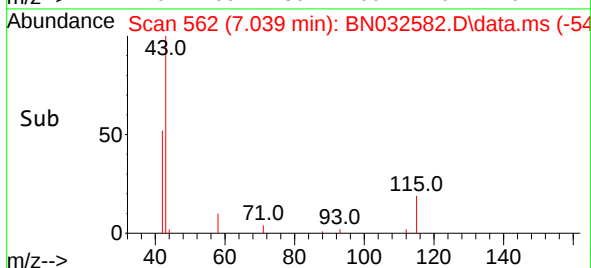
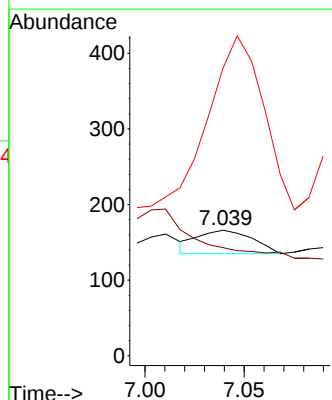
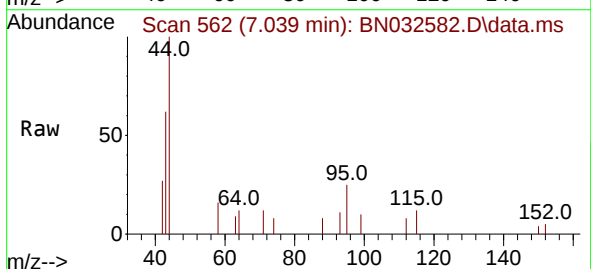
Instrument :
BNA_N
ClientSampleId :
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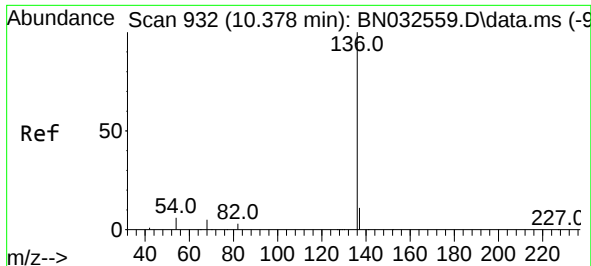
Tgt Ion: 99 Resp: 2520
Ion Ratio Lower Upper
99 100
42 0.0 10.6 16.0#
71 23.8 25.2 37.8#



#6
bis(2-Chloroethyl)ether
Concen: 0.091 ng
RT: 7.039 min Scan# 562
Delta R.T. 0.000 min
Lab File: BN032582.D
Acq: 09 Jul 2024 11:37

Tgt Ion: 93 Resp: 60
Ion Ratio Lower Upper
93 100
63 0.0 54.1 81.1#
95 870.0 30.5 45.7#

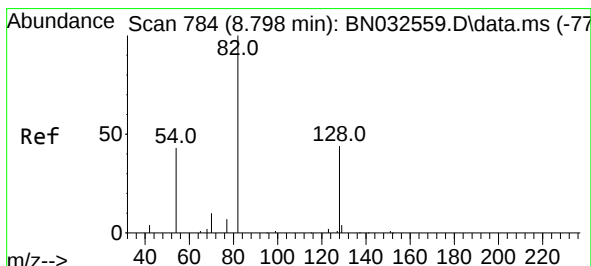
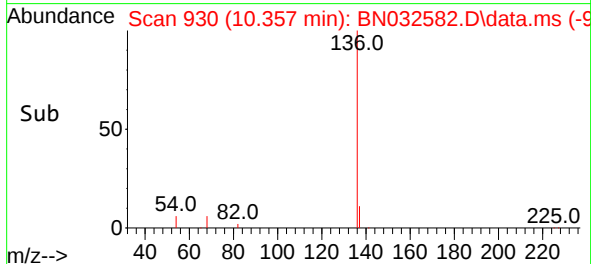
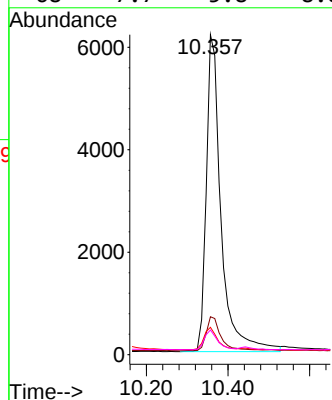
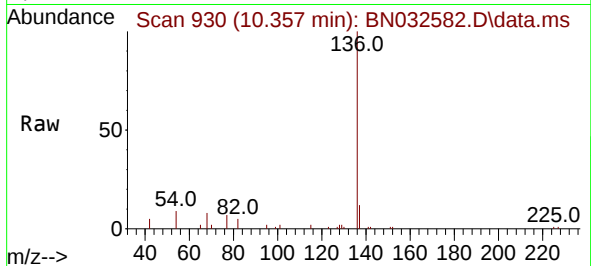




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.357 min Scan# 91
Delta R.T. -0.021 min
Lab File: BN032582.D
Acq: 09 Jul 2024 11:37

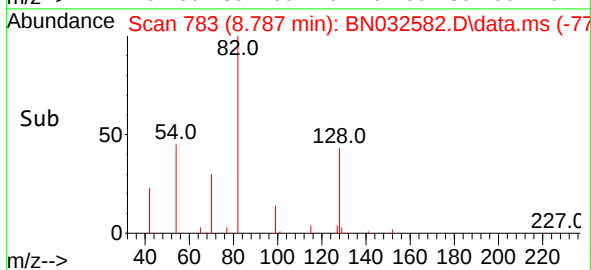
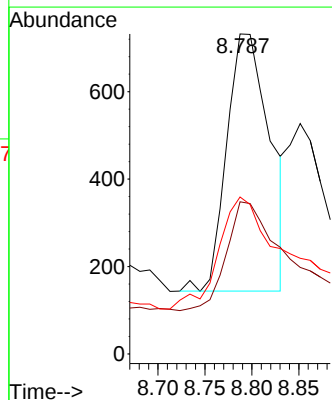
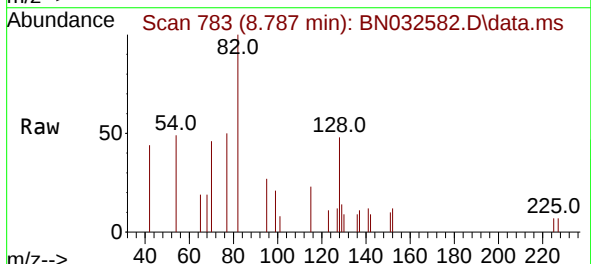
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ClientSampleId :
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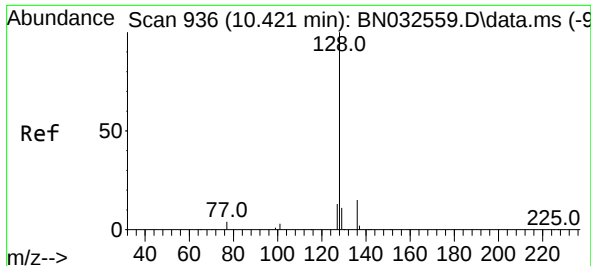
Tgt Ion:136	Resp:	15542
Ion Ratio	Lower	Upper
136	100	
137	11.9	10.0 15.0
54	8.5	6.6 9.8
68	7.7	5.8 8.8



#8
Nitrobenzene-d5
Concen: 0.162 ng
RT: 8.787 min Scan# 783
Delta R.T. -0.011 min
Lab File: BN032582.D
Acq: 09 Jul 2024 11:37

Tgt Ion: 82	Resp:	1883
Ion Ratio	Lower	Upper
82	100	
128	47.5	43.4 65.2
54	49.0	40.2 60.2

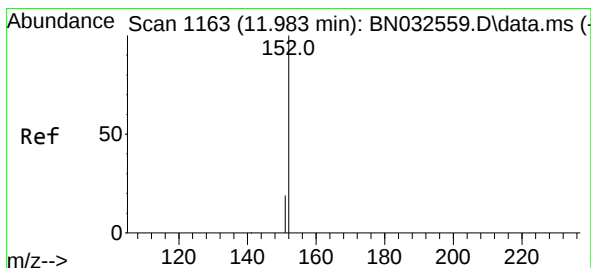
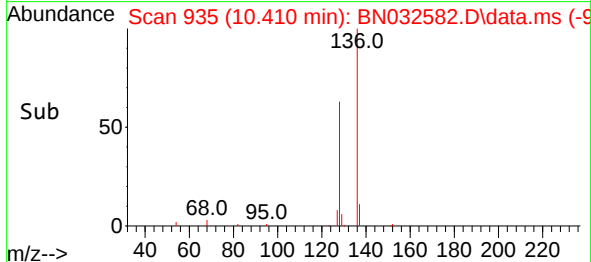
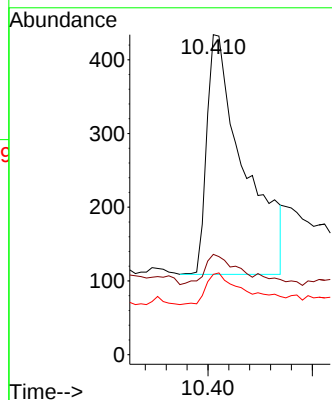
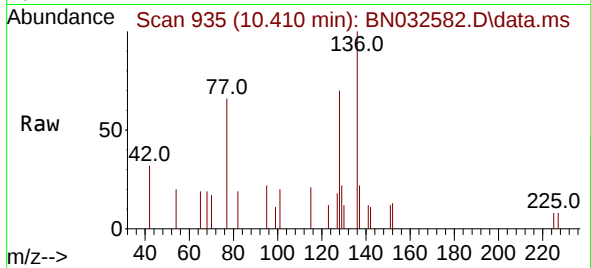




#9
Naphthalene
Concen: 0.038 ng
RT: 10.410 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN032582.D
Acq: 09 Jul 2024 11:37

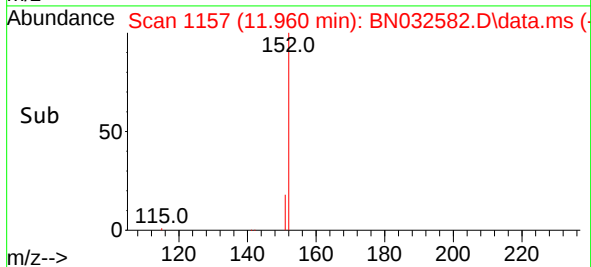
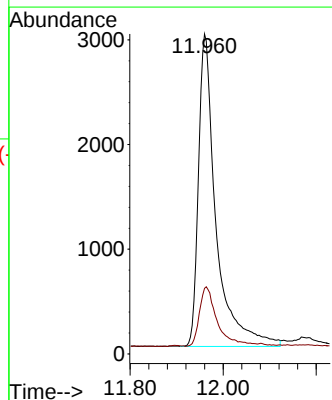
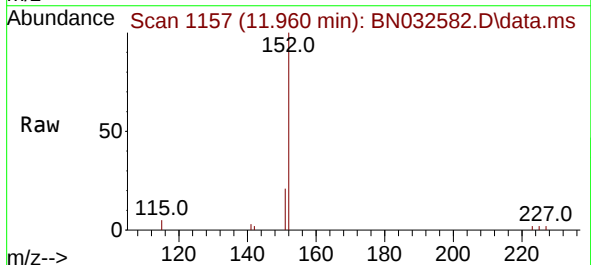
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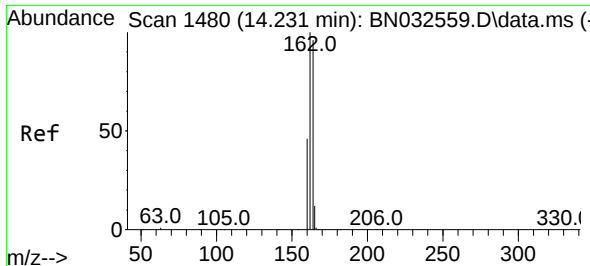
Tgt Ion:128 Resp: 1602
Ion Ratio Lower Upper
128 100
129 31.3 10.2 15.4#
127 25.1 11.4 17.0#



#11
2-Methylnaphthalene-d10
Concen: 0.319 ng
RT: 11.960 min Scan# 1157
Delta R.T. -0.023 min
Lab File: BN032582.D
Acq: 09 Jul 2024 11:37

Tgt Ion:152 Resp: 7839
Ion Ratio Lower Upper
152 100
151 19.4 16.4 24.6

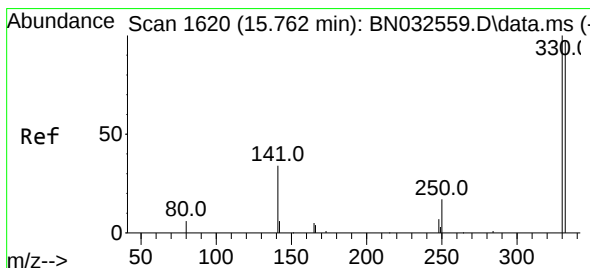
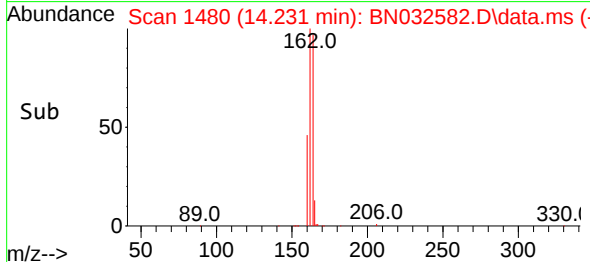
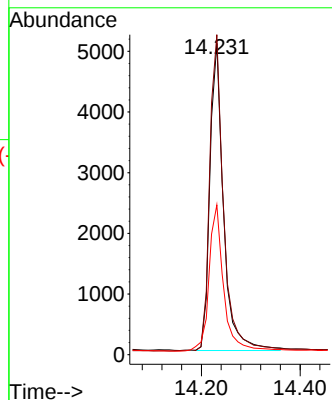
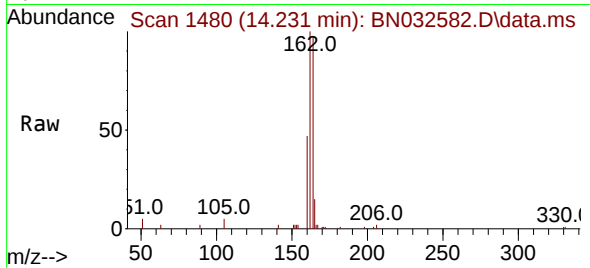




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.231 min Scan# 1480
Delta R.T. -0.000 min
Lab File: BN032582.D
Acq: 09 Jul 2024 11:37

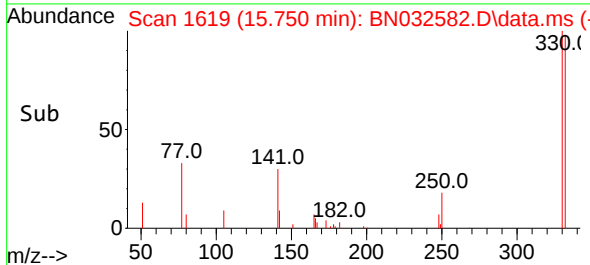
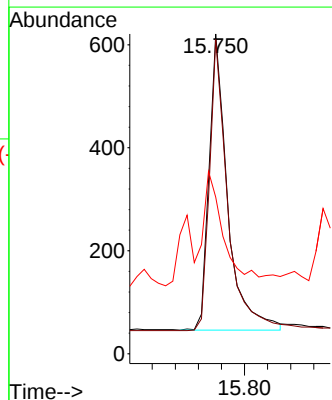
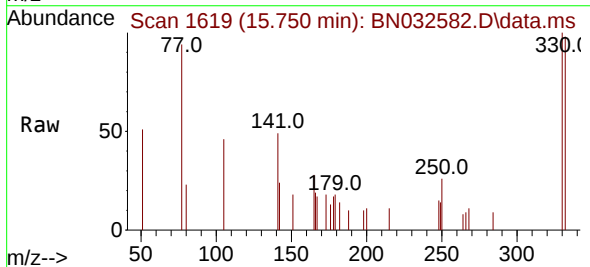
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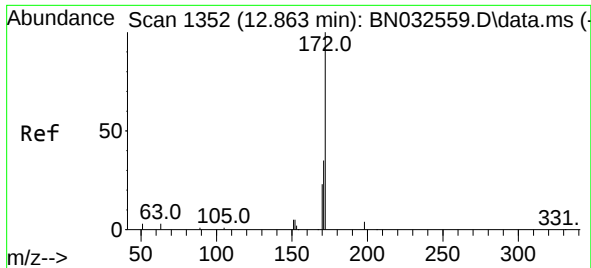
Tgt Ion:164 Resp: 9707
Ion Ratio Lower Upper
164 100
162 102.8 83.2 124.8
160 48.1 38.6 57.8



#14
2,4,6-Tribromophenol
Concen: 0.292 ng
RT: 15.750 min Scan# 1619
Delta R.T. -0.012 min
Lab File: BN032582.D
Acq: 09 Jul 2024 11:37

Tgt Ion:330 Resp: 1283
Ion Ratio Lower Upper
330 100
332 96.0 77.7 116.5
141 31.8 31.8 47.8#

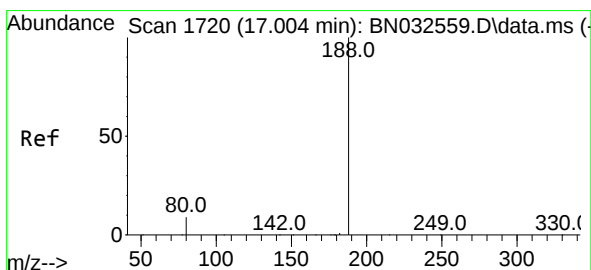
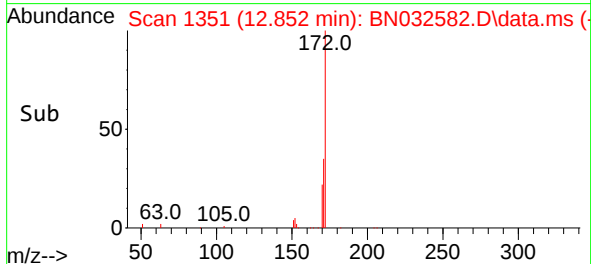
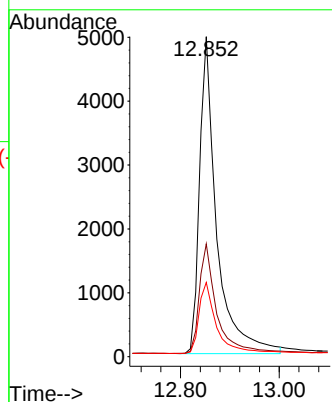
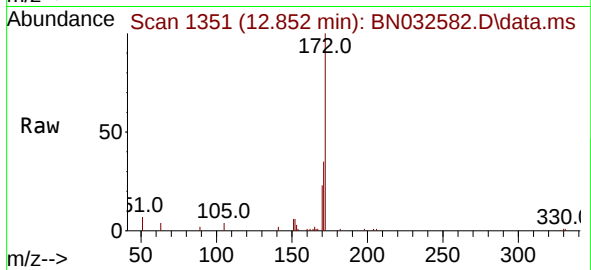




#15
2-Fluorobiphenyl
Concen: 0.334 ng
RT: 12.852 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN032582.D
Acq: 09 Jul 2024 11:37

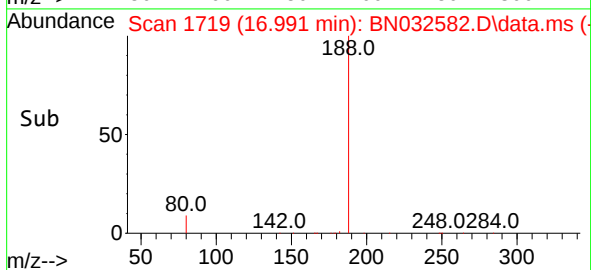
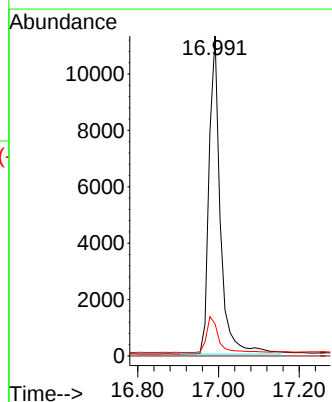
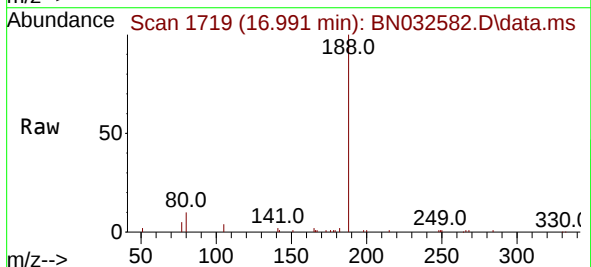
Instrument :
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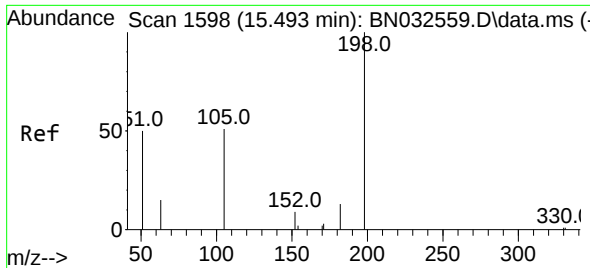
Tgt Ion:172 Resp: 11940
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 23.2 19.2 28.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.991 min Scan# 1719
Delta R.T. -0.012 min
Lab File: BN032582.D
Acq: 09 Jul 2024 11:37

Tgt Ion:188 Resp: 21842
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.0 7.8 11.6

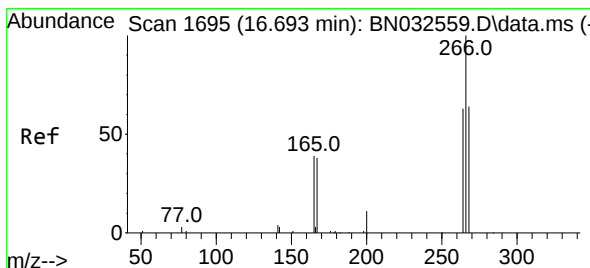
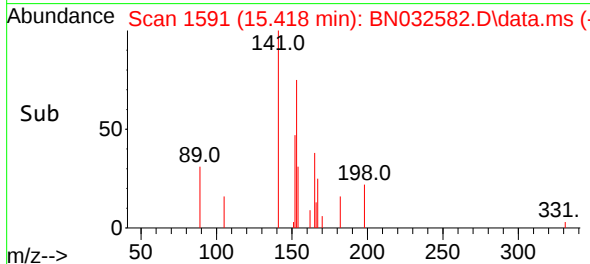
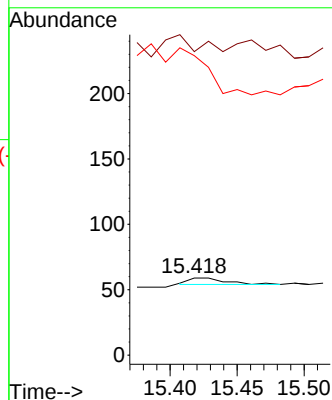
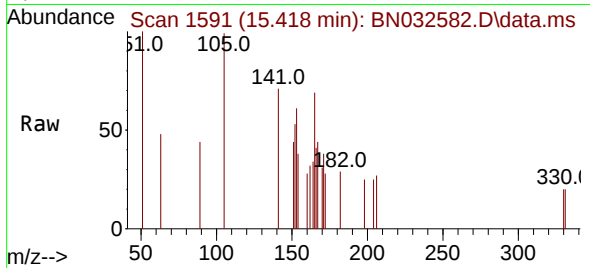




#20
4,6-Dinitro-2-methylphenol
Concen: 0.200 ng
RT: 15.418 min Scan# 1591
Delta R.T. -0.075 min
Lab File: BN032582.D
Acq: 09 Jul 2024 11:37

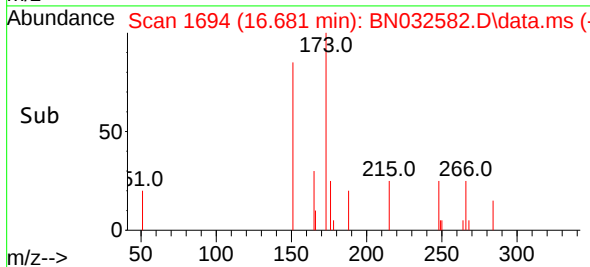
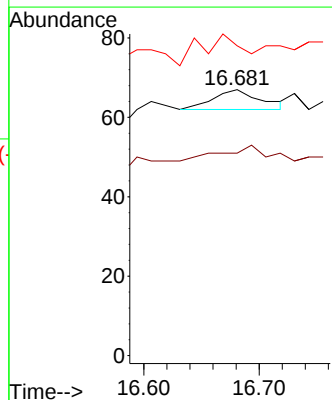
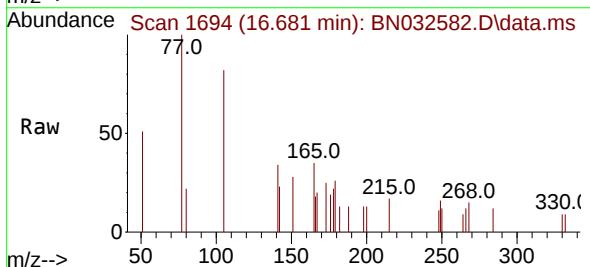
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-DUP-20240702

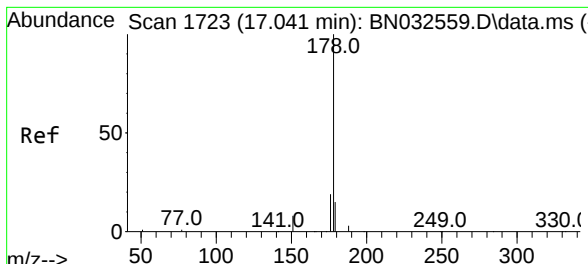
Tgt Ion:198 Resp: 10
Ion Ratio Lower Upper
198 100
51 393.2 123.4 185.2#
105 388.1 79.5 119.3#



#24
Pentachlorophenol
Concen: 0.170 ng
RT: 16.681 min Scan# 1694
Delta R.T. -0.012 min
Lab File: BN032582.D
Acq: 09 Jul 2024 11:37

Tgt Ion:266 Resp: 14
Ion Ratio Lower Upper
266 100
264 0.0 49.6 74.4#
268 135.7 52.2 78.2#

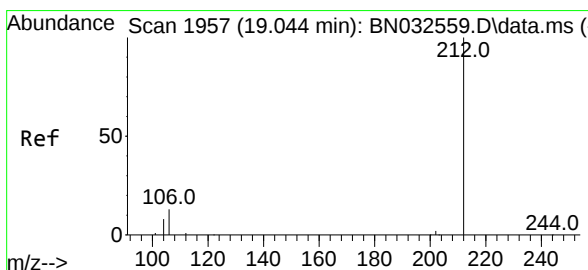
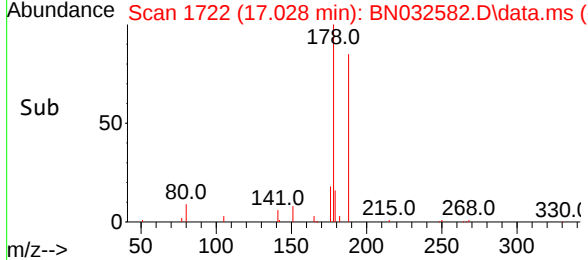
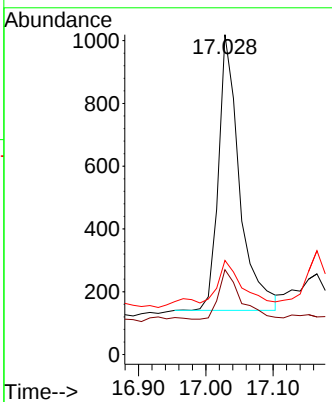
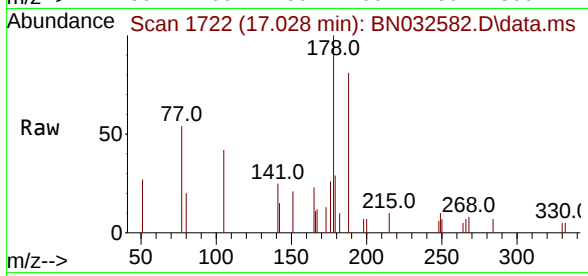




#25
 Phenanthrene
 Concen: 0.032 ng
 RT: 17.028 min Scan# 1722
 Delta R.T. -0.012 min
 Lab File: BN032582.D
 Acq: 09 Jul 2024 11:37

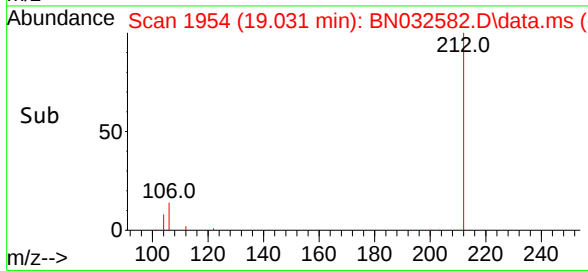
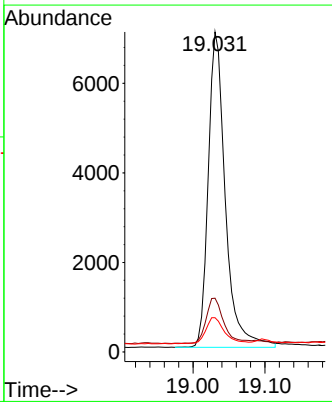
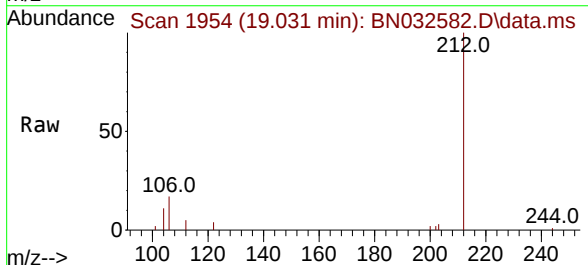
Instrument : BNA_N
 ClientSampleId : BP-VPB-196-DUP-20240702

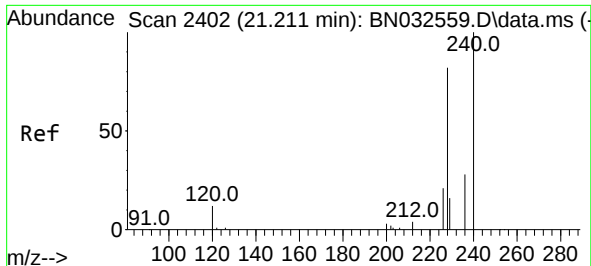
Tgt Ion:	178	Resp:	1904
Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.2	22.8
179	16.2	12.2	18.4



#27
 Fluoranthene-d10
 Concen: 0.204 ng
 RT: 19.031 min Scan# 1954
 Delta R.T. -0.014 min
 Lab File: BN032582.D
 Acq: 09 Jul 2024 11:37

Tgt Ion:	212	Resp:	11624
Ion	Ratio	Lower	Upper
212	100		
106	15.5	11.8	17.8
104	9.1	6.9	10.3

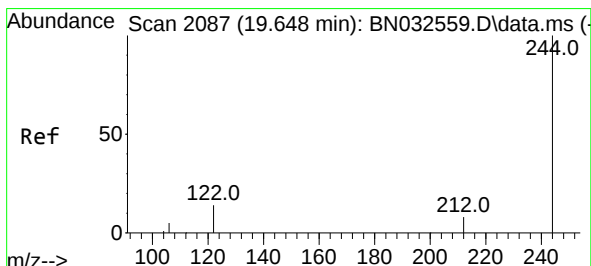
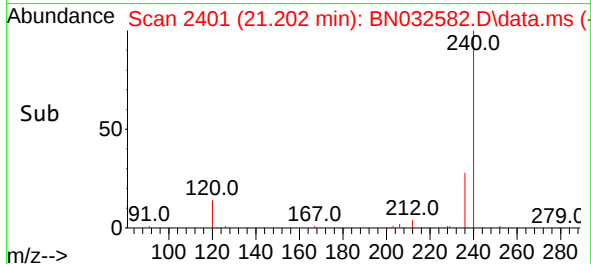
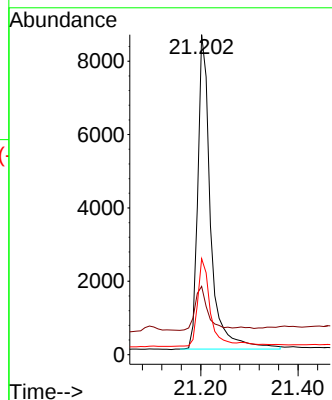
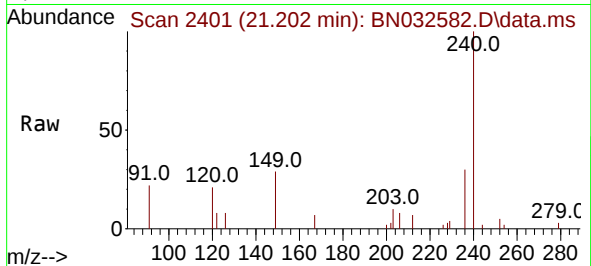




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.202 min Scan# 2401
Delta R.T. -0.009 min
Lab File: BN032582.D
Acq: 09 Jul 2024 11:37

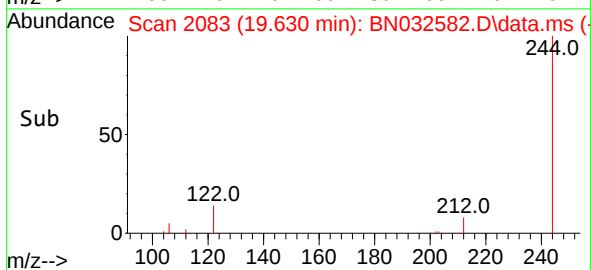
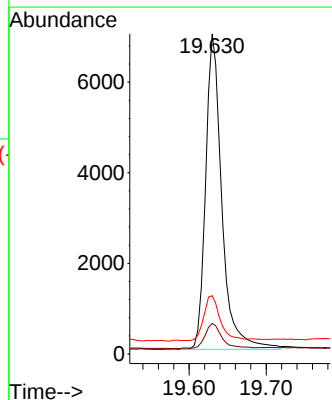
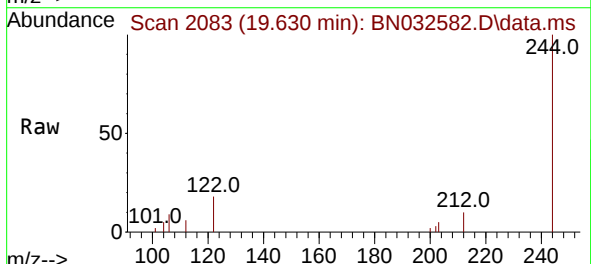
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-DUP-20240702

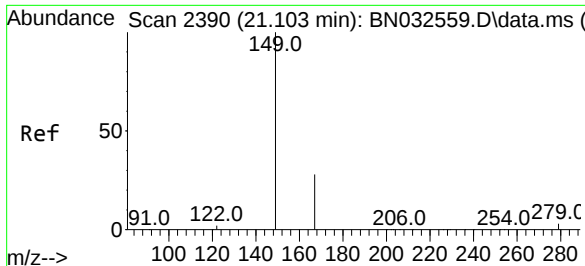
Tgt Ion:240 Resp: 15554
Ion Ratio Lower Upper
240 100
120 21.4 13.0 19.4#
236 30.0 23.1 34.7



#31
Terphenyl-d14
Concen: 0.268 ng
RT: 19.630 min Scan# 2083
Delta R.T. -0.019 min
Lab File: BN032582.D
Acq: 09 Jul 2024 11:37

Tgt Ion:244 Resp: 10190
Ion Ratio Lower Upper
244 100
212 9.6 7.2 10.8
122 18.2 12.1 18.1#

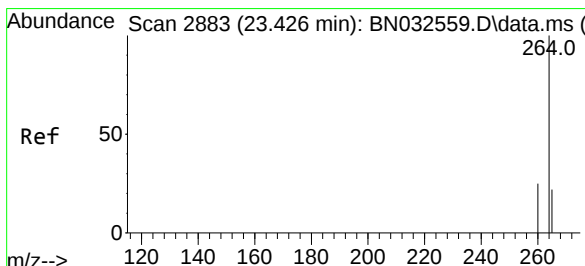
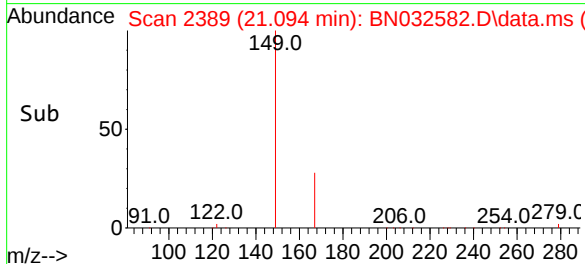
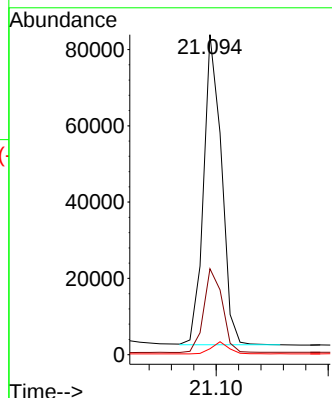
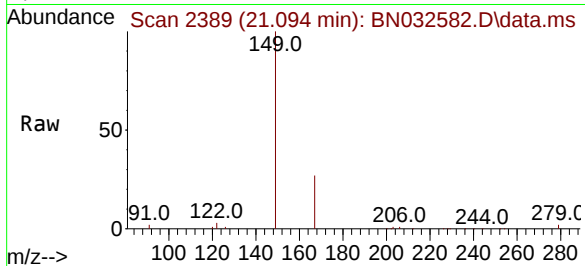




#34
Bis(2-ethylhexyl)phthalate
Concen: 2.579 ng
RT: 21.094 min Scan# 2109
Delta R.T. -0.009 min
Lab File: BN032582.D
Acq: 09 Jul 2024 11:37

Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-DUP-20240702

Tgt Ion:149 Resp: 90157
Ion Ratio Lower Upper
149 100
167 28.0 21.6 32.4
279 3.7 3.0 4.6



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.420 min Scan# 2881
Delta R.T. -0.006 min
Lab File: BN032582.D
Acq: 09 Jul 2024 11:37

Tgt Ion:264 Resp: 9064
Ion Ratio Lower Upper
264 100
260 30.5 21.0 31.6
265 144.3 76.6 115.0#

