

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070924\
 Data File : BN032578.D
 Acq On : 09 Jul 2024 09:13
 Operator : MA/JU
 Sample : P3167-06
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-GW-840-842

Quant Time: Jul 09 12:01:19 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)

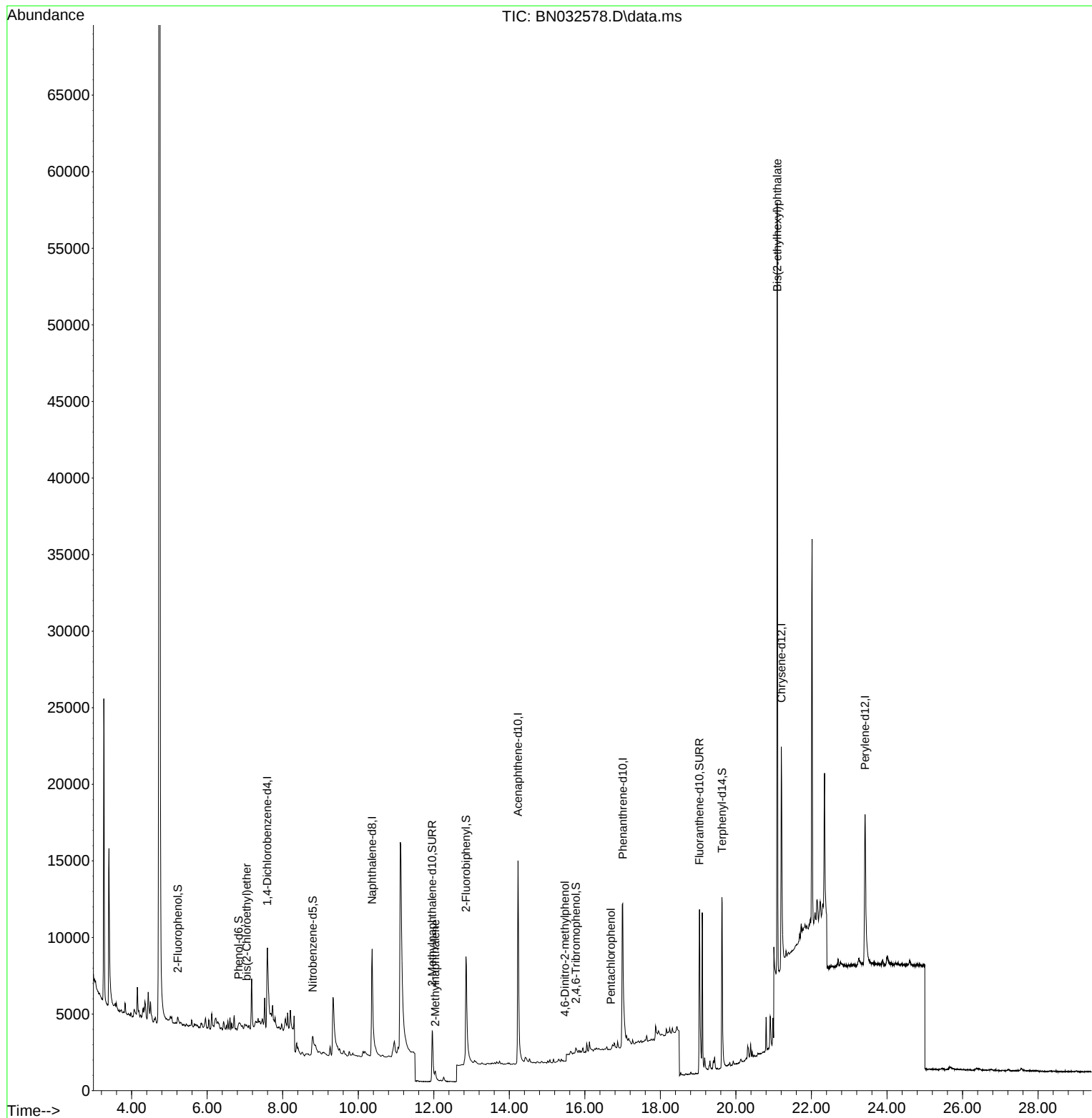
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.588	152	4525	0.400	ng	0.00
7) Naphthalene-d8	10.368	136	15344	0.400	ng	-0.01
13) Acenaphthene-d10	14.231	164	10209	0.400	ng	0.00
19) Phenanthrene-d10	17.004	188	22934	0.400	ng	0.00
29) Chrysene-d12	21.202	240	18858	0.400	ng	0.00
35) Perylene-d12	23.420	264	17183	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.226	112	919	0.080	ng	0.01
5) Phenol-d6	6.830	99	1088	0.074	ng	0.00
8) Nitrobenzene-d5	8.798	82	2952	0.258	ng	0.00
11) 2-Methylnaphthalene-d10	11.960	152	7486	0.309	ng	-0.02
14) 2,4,6-Tribromophenol	15.762	330	293	0.063	ng	0.00
15) 2-Fluorobiphenyl	12.852	172	11364	0.302	ng	-0.01
27) Fluoranthene-d10	19.035	212	15516	0.260	ng	0.00
31) Terphenyl-d14	19.630	244	14138	0.307	ng	-0.02
Target Compounds						
6) bis(2-Chloroethyl)ether	7.046	93	18	0.088	ng	# 1
12) 2-Methylnaphthalene	12.043	142	569	0.020	ng	# 80
20) 4,6-Dinitro-2-methylph...	15.471	198	4	0.198	ng	# 1
24) Pentachlorophenol	16.693	266	33	0.173	ng	# 57
34) Bis(2-ethylhexyl)phtha...	21.094	149	41558	0.981	ng	98

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

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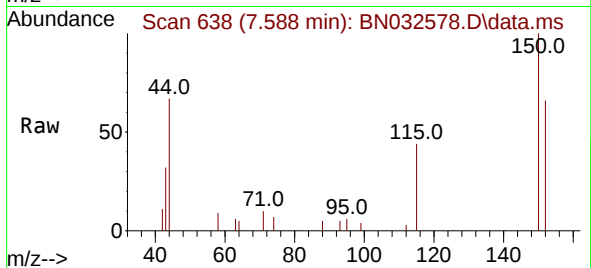
Quant Time: Jul 09 12:01:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN070924.M
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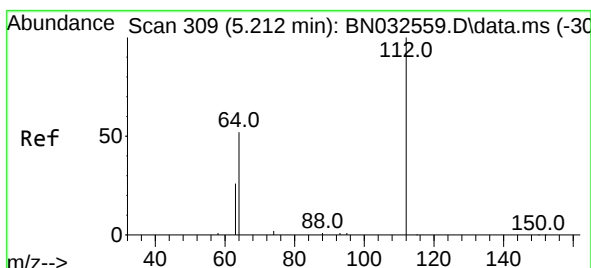
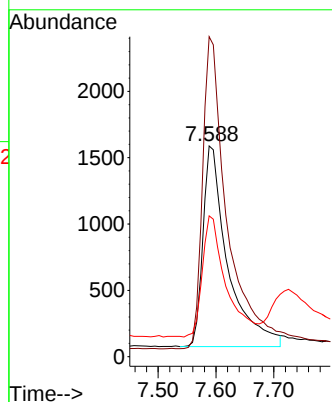
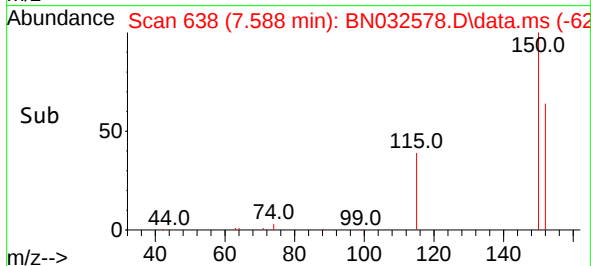


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.588 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN032578.D
Acq: 09 Jul 2024 09:13

Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-840-842

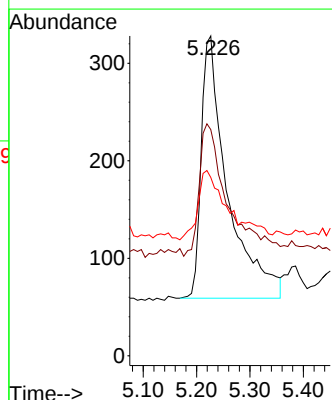
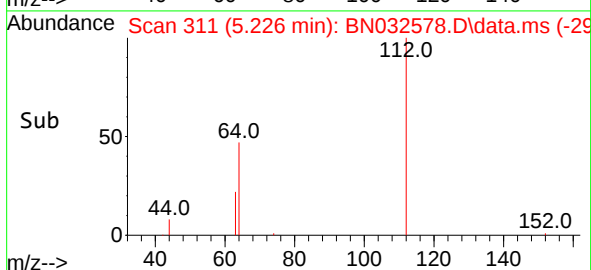
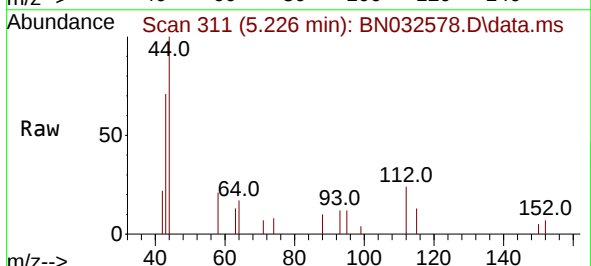


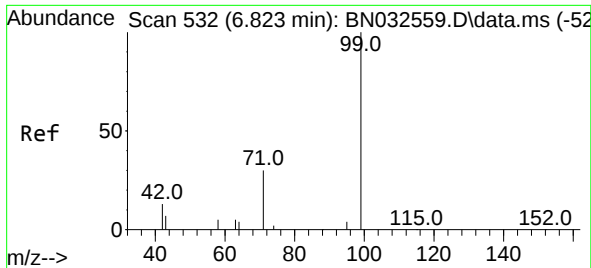
Tgt Ion:152 Resp: 4525
Ion Ratio Lower Upper
152 100
150 151.9 121.6 182.4
115 66.8 53.1 79.7



#4
2-Fluorophenol
Concen: 0.080 ng
RT: 5.226 min Scan# 311
Delta R.T. 0.014 min
Lab File: BN032578.D
Acq: 09 Jul 2024 09:13

Tgt Ion:112 Resp: 919
Ion Ratio Lower Upper
112 100
64 55.6 41.2 61.8
63 26.9 21.6 32.4

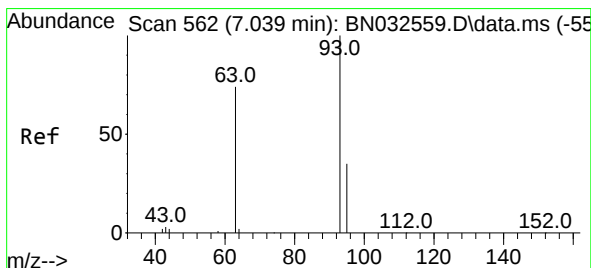
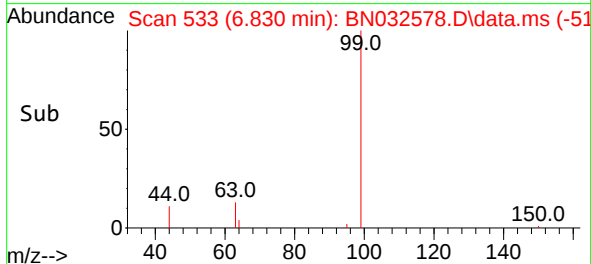
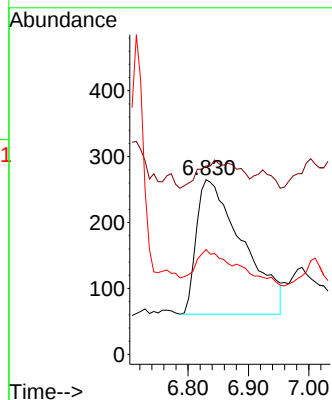
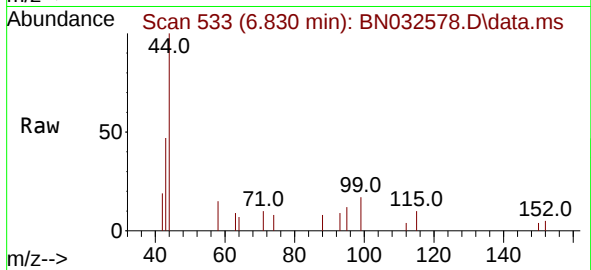




#5
Phenol-d6
Concen: 0.074 ng
RT: 6.830 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN032578.D
Acq: 09 Jul 2024 09:13

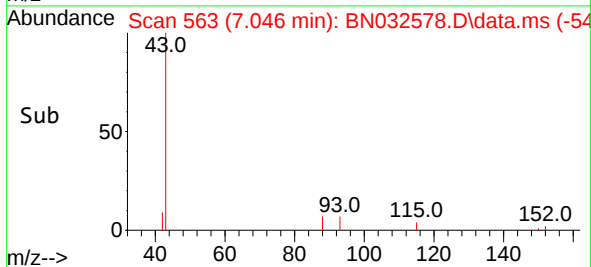
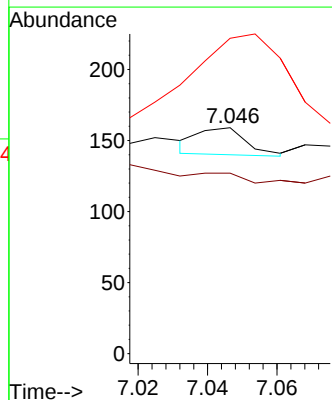
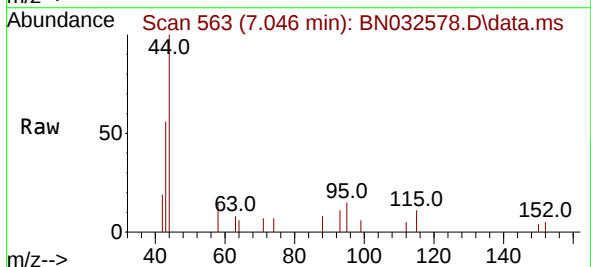
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-840-842

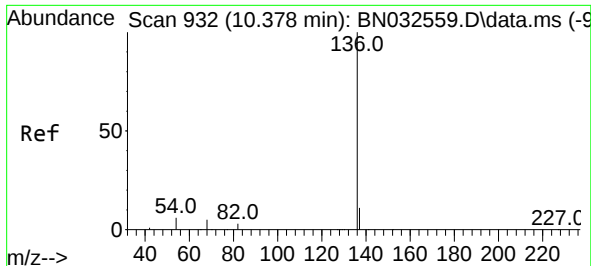
Tgt Ion: 99 Resp: 1088
Ion Ratio Lower Upper
99 100
42 17.3 10.6 16.0#
71 24.2 25.2 37.8#



#6
bis(2-Chloroethyl)ether
Concen: 0.088 ng
RT: 7.046 min Scan# 563
Delta R.T. 0.007 min
Lab File: BN032578.D
Acq: 09 Jul 2024 09:13

Tgt Ion: 93 Resp: 18
Ion Ratio Lower Upper
93 100
63 0.0 54.1 81.1#
95 777.8 30.5 45.7#

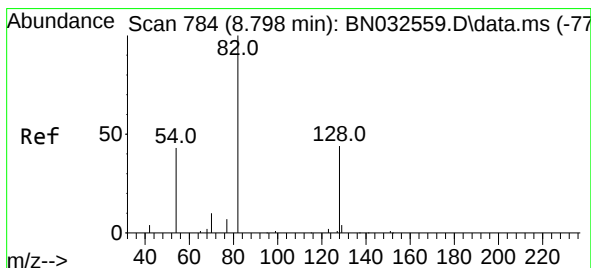
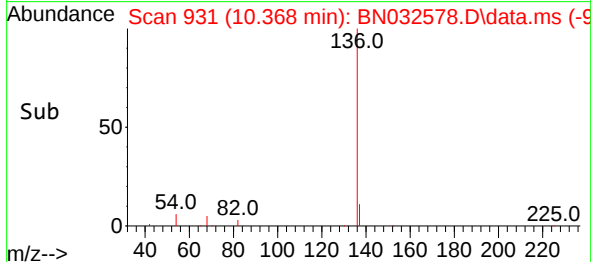
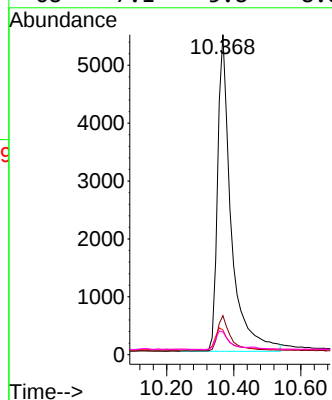
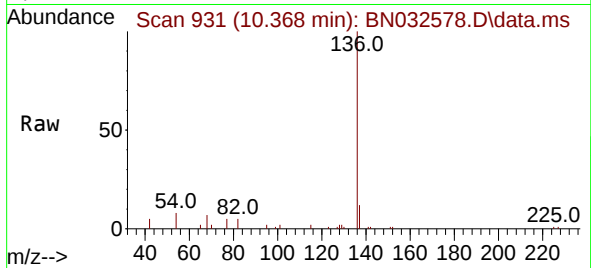




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.368 min Scan# 91
Delta R.T. -0.010 min
Lab File: BN032578.D
Acq: 09 Jul 2024 09:13

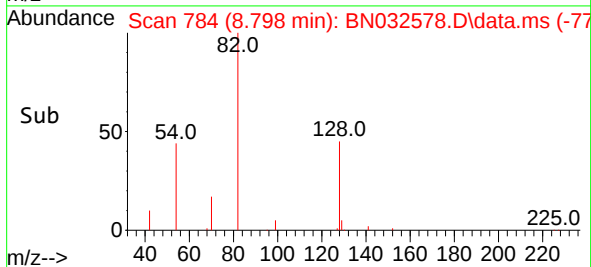
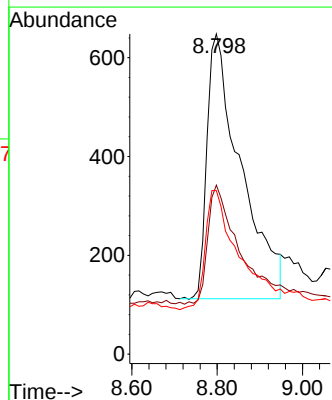
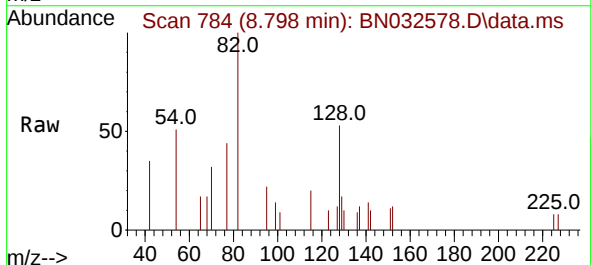
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-840-842

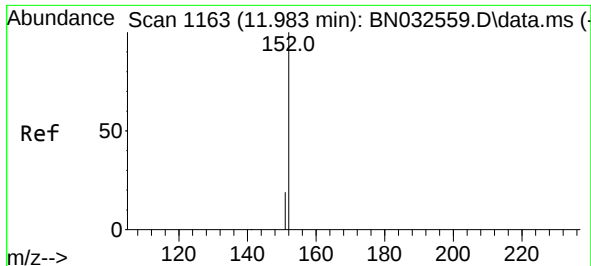
Tgt Ion:	136	Resp:	15344
Ion Ratio	Lower	Upper	
136	100		
137	12.2	10.0	15.0
54	7.7	6.6	9.8
68	7.1	5.8	8.8



#8
Nitrobenzene-d5
Concen: 0.258 ng
RT: 8.798 min Scan# 784
Delta R.T. -0.000 min
Lab File: BN032578.D
Acq: 09 Jul 2024 09:13

Tgt Ion:	82	Resp:	2952
Ion Ratio	Lower	Upper	
82	100		
128	52.8	43.4	65.2
54	51.1	40.2	60.2

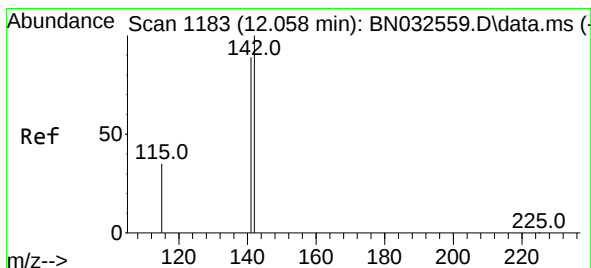
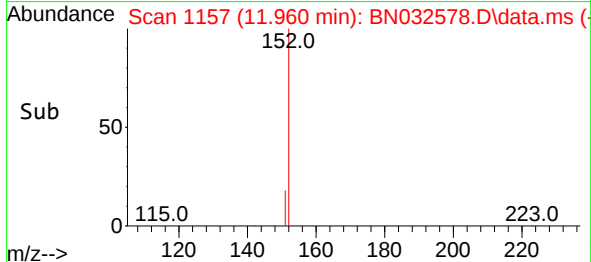
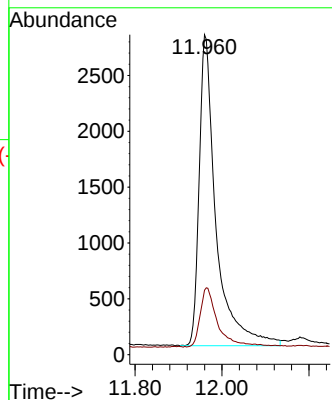
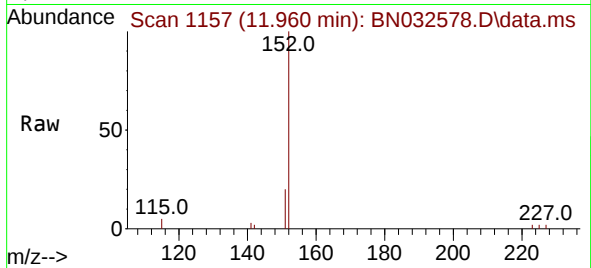




#11
2-Methylnaphthalene-d10
Concen: 0.309 ng
RT: 11.960 min Scan# 1157
Delta R.T. -0.023 min
Lab File: BN032578.D
Acq: 09 Jul 2024 09:13

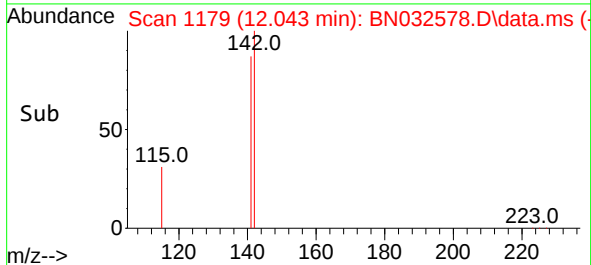
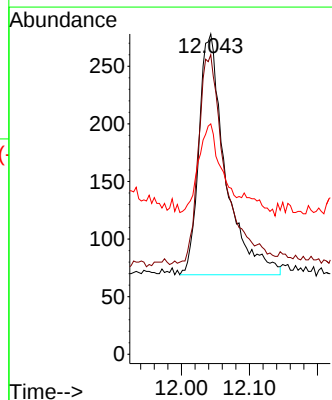
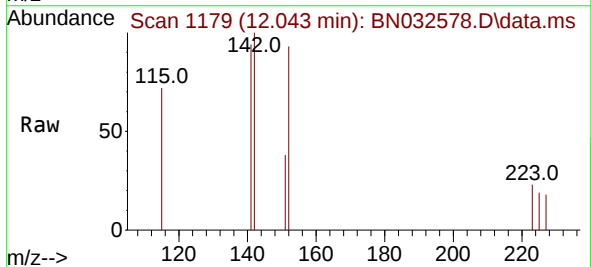
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-840-842

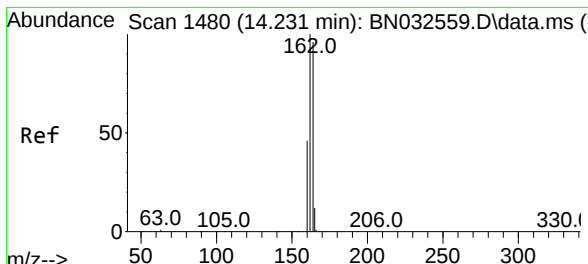
Tgt Ion:152 Resp: 7486
Ion Ratio Lower Upper
152 100
151 20.0 16.4 24.6



#12
2-Methylnaphthalene
Concen: 0.020 ng
RT: 12.043 min Scan# 1179
Delta R.T. -0.015 min
Lab File: BN032578.D
Acq: 09 Jul 2024 09:13

Tgt Ion:142 Resp: 569
Ion Ratio Lower Upper
142 100
141 93.5 71.0 106.6
115 71.9 30.5 45.7#

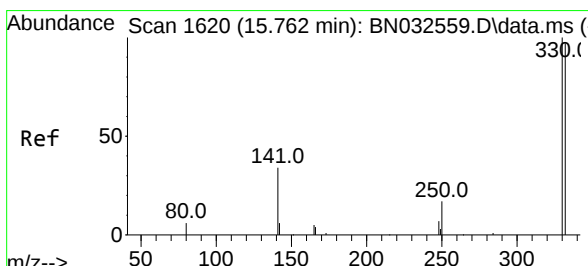
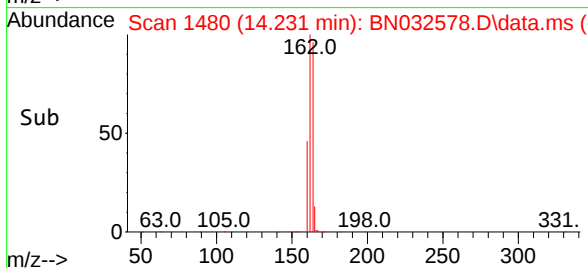
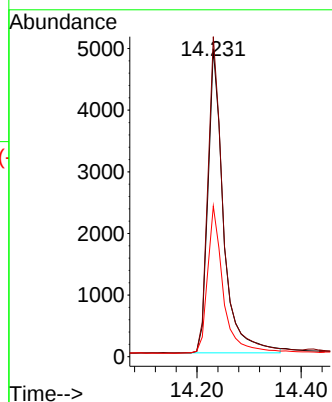
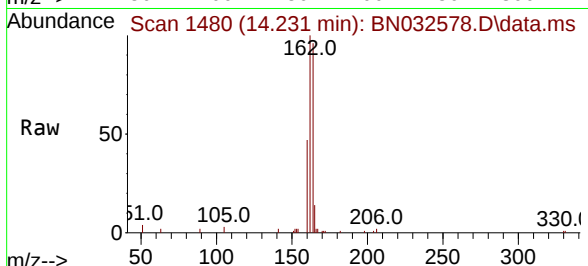




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.231 min Scan# 1480
Delta R.T. -0.000 min
Lab File: BN032578.D
Acq: 09 Jul 2024 09:13

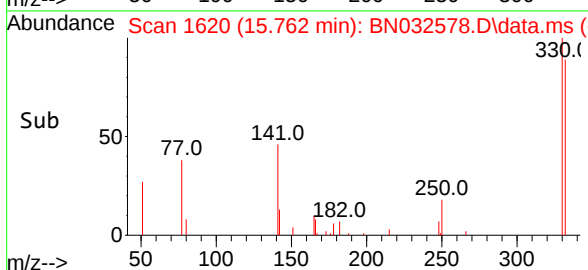
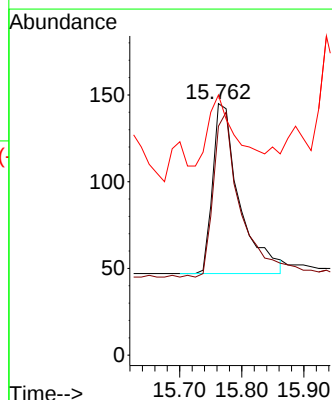
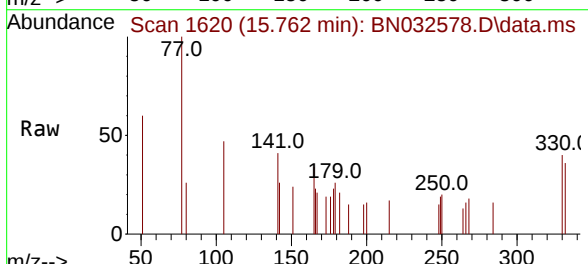
Instrument :
BNA_N
ClientSampleId :
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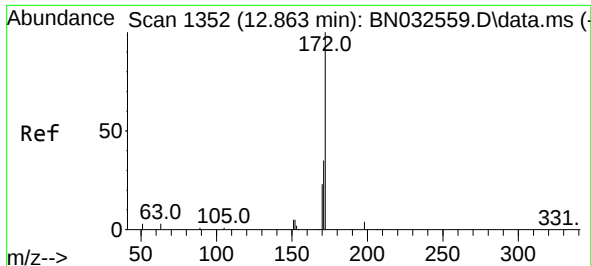
Tgt Ion:164	Resp:	10209
Ion	Ratio	Lower Upper
164	100	
162	103.9	83.2 124.8
160	48.9	38.6 57.8



#14
2,4,6-Tribromophenol
Concen: 0.063 ng
RT: 15.762 min Scan# 1620
Delta R.T. -0.000 min
Lab File: BN032578.D
Acq: 09 Jul 2024 09:13

Tgt Ion:330	Resp:	293
Ion	Ratio	Lower Upper
330	100	
332	96.9	77.7 116.5
141	41.6	31.8 47.8

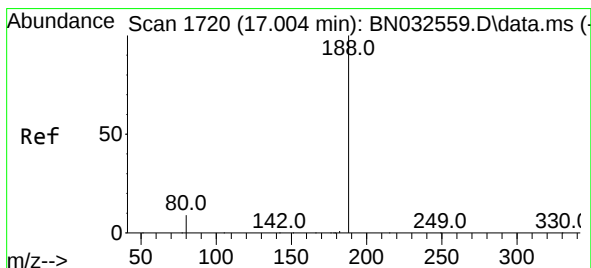
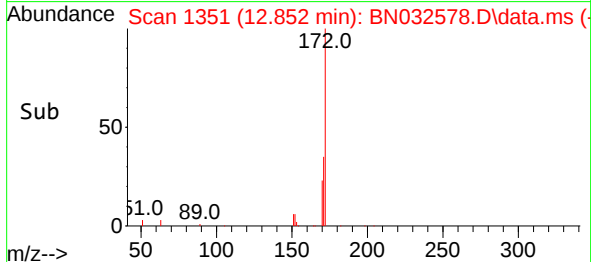
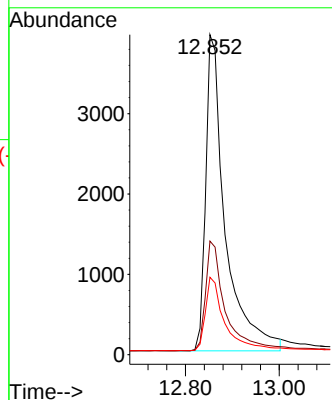
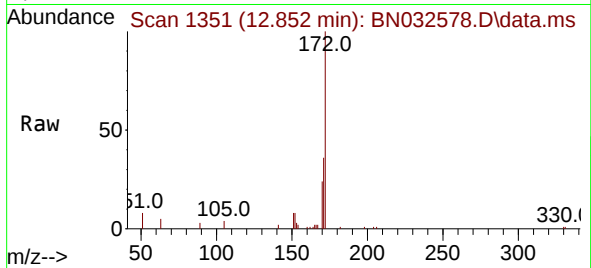




#15
2-Fluorobiphenyl
Concen: 0.302 ng
RT: 12.852 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN032578.D
Acq: 09 Jul 2024 09:13

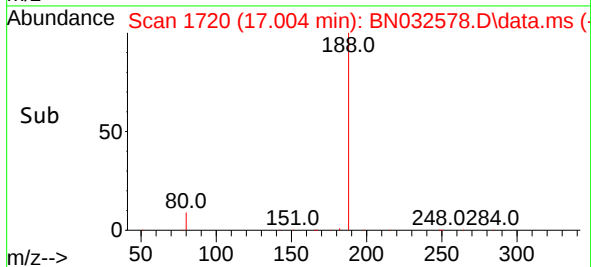
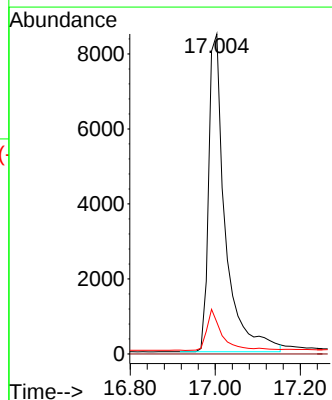
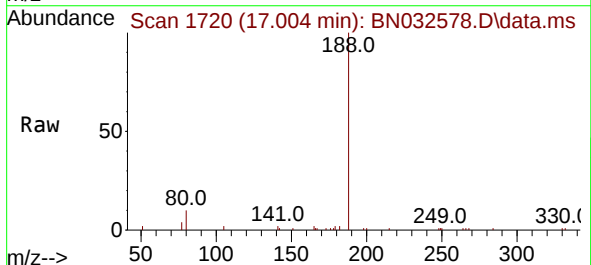
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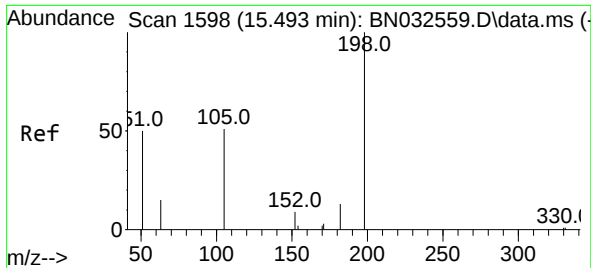
Tgt Ion:172 Resp: 11364
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 24.2 19.2 28.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.004 min Scan# 1720
Delta R.T. -0.000 min
Lab File: BN032578.D
Acq: 09 Jul 2024 09:13

Tgt Ion:188 Resp: 22934
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.9 7.8 11.6

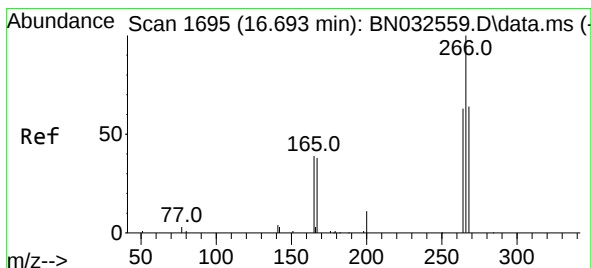
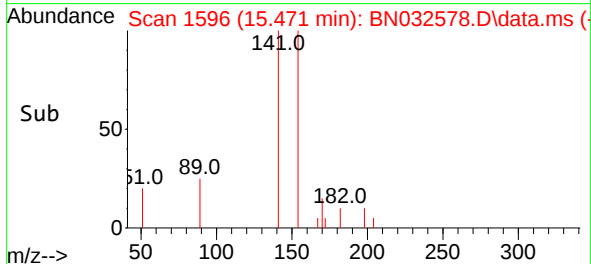
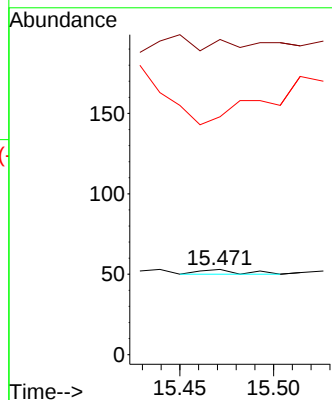
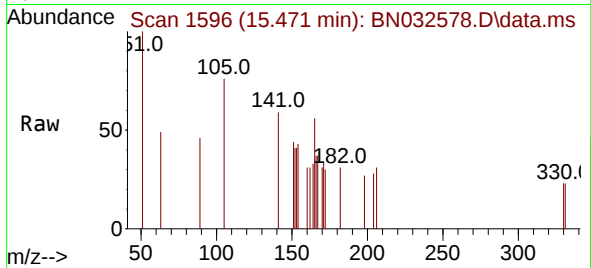




#20
4,6-Dinitro-2-methylphenol
Concen: 0.198 ng
RT: 15.471 min Scan# 1596
Delta R.T. -0.022 min
Lab File: BN032578.D
Acq: 09 Jul 2024 09:13

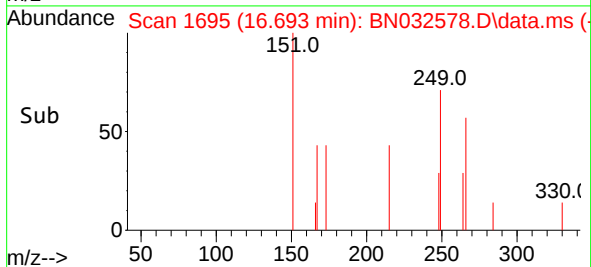
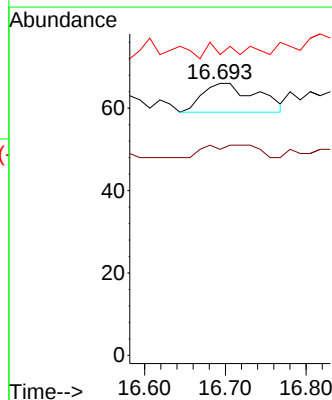
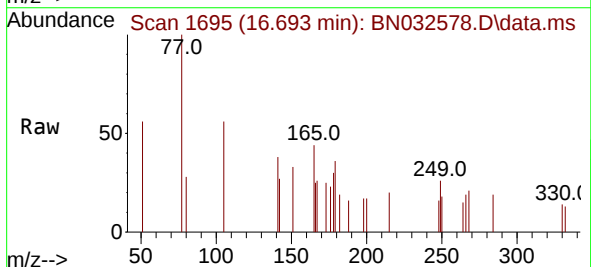
Instrument :
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BP-VPB-196-GW-840-842

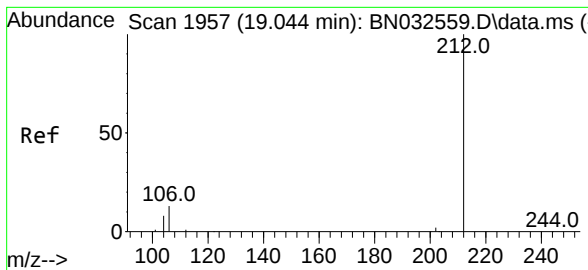
Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 369.8 123.4 185.2#
105 279.2 79.5 119.3#



#24
Pentachlorophenol
Concen: 0.173 ng
RT: 16.693 min Scan# 1695
Delta R.T. 0.000 min
Lab File: BN032578.D
Acq: 09 Jul 2024 09:13

Tgt Ion:266 Resp: 33
Ion Ratio Lower Upper
266 100
264 39.4 49.6 74.4#
268 21.2 52.2 78.2#

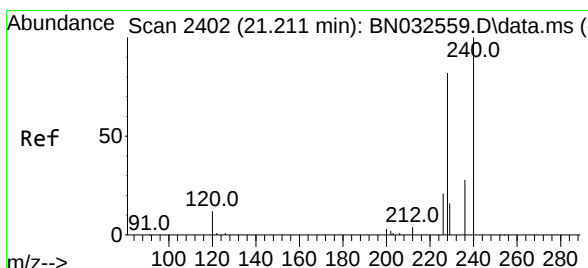
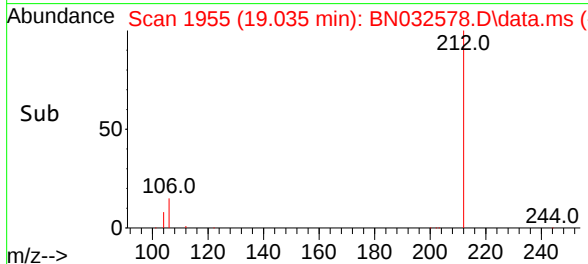
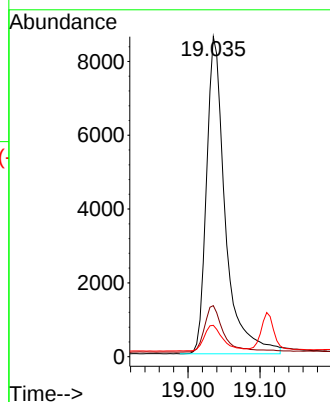
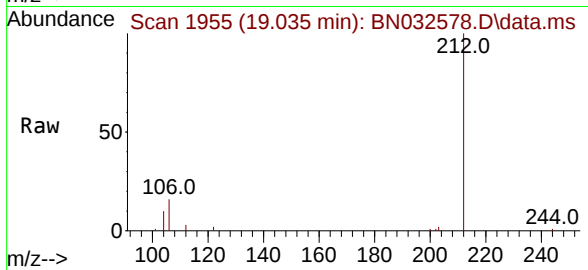




#27
Fluoranthene-d10
Concen: 0.260 ng
RT: 19.035 min Scan# 1955
Delta R.T. -0.009 min
Lab File: BN032578.D
Acq: 09 Jul 2024 09:13

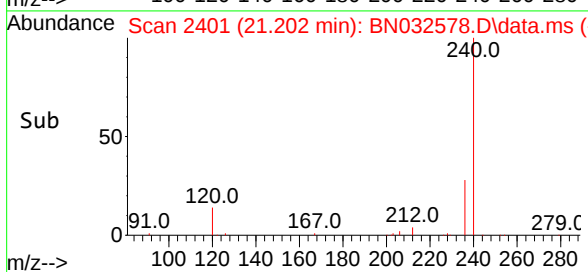
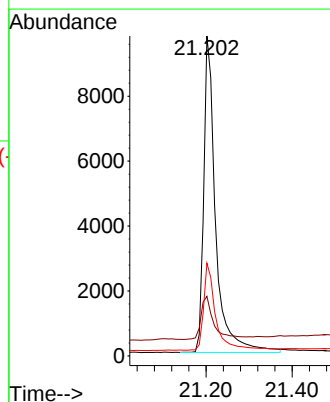
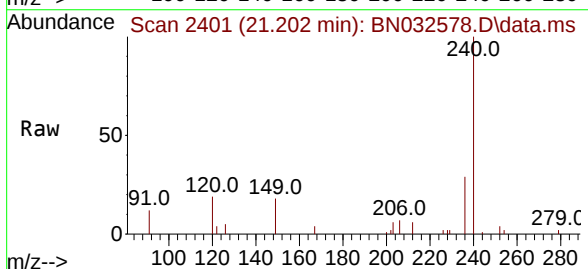
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-840-842

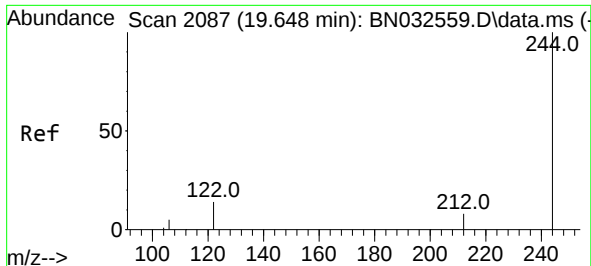
Tgt Ion:212 Resp: 15516
Ion Ratio Lower Upper
212 100
106 15.2 11.8 17.8
104 8.0 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.202 min Scan# 2401
Delta R.T. -0.009 min
Lab File: BN032578.D
Acq: 09 Jul 2024 09:13

Tgt Ion:240 Resp: 18858
Ion Ratio Lower Upper
240 100
120 18.6 13.0 19.4
236 29.0 23.1 34.7

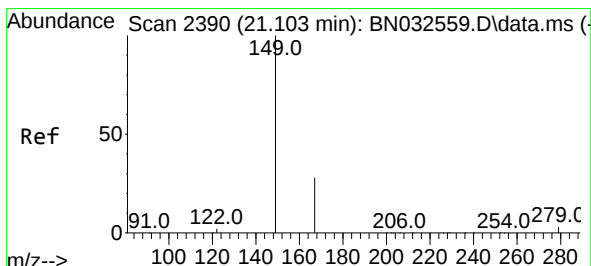
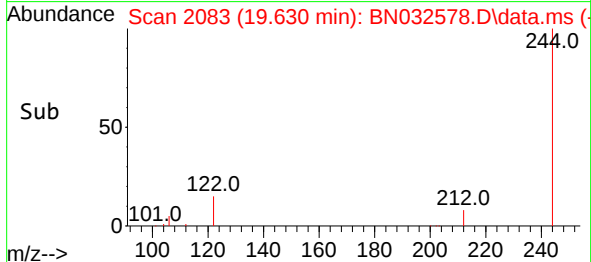
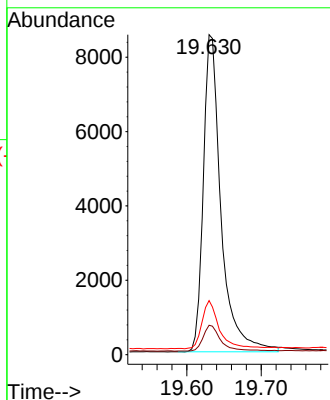
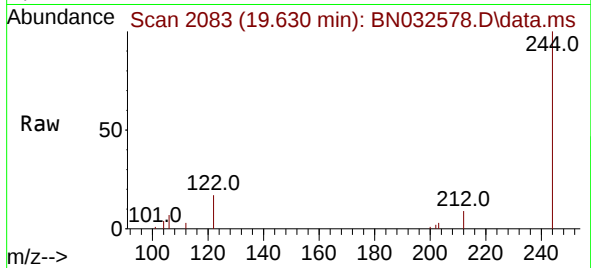




#31
 Terphenyl-d14
 Concen: 0.307 ng
 RT: 19.630 min Scan# 2087
 Delta R.T. -0.019 min
 Lab File: BN032578.D
 Acq: 09 Jul 2024 09:13

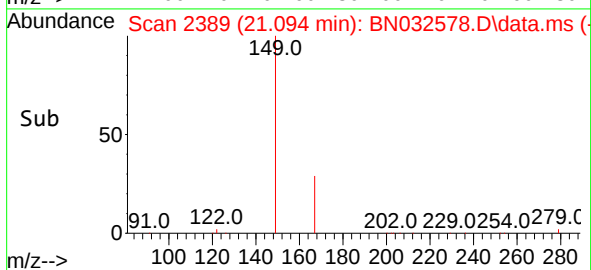
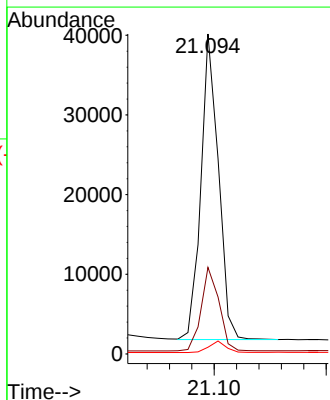
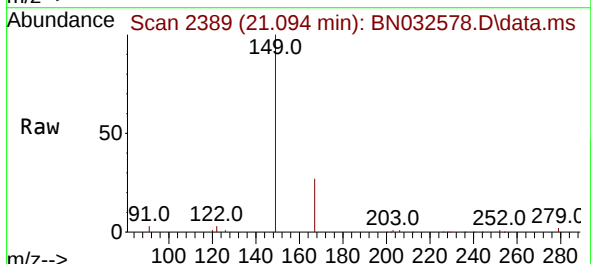
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-GW-840-842

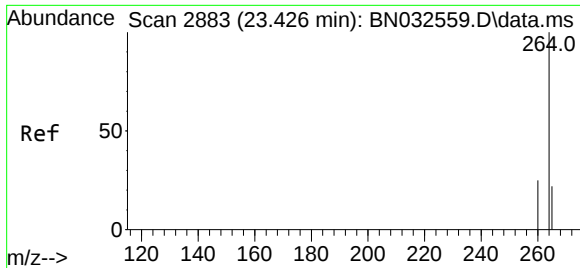
Tgt Ion:244 Resp: 14138
 Ion Ratio Lower Upper
 244 100
 212 9.2 7.2 10.8
 122 16.9 12.1 18.1



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.981 ng
 RT: 21.094 min Scan# 2389
 Delta R.T. -0.009 min
 Lab File: BN032578.D
 Acq: 09 Jul 2024 09:13

Tgt Ion:149 Resp: 41558
 Ion Ratio Lower Upper
 149 100
 167 28.1 21.6 32.4
 279 3.6 3.0 4.6





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.420 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BN032578.D
 Acq: 09 Jul 2024 09:13

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-GW-840-842

Tgt Ion:264 Resp: 17183

Ion	Ratio	Lower	Upper
264	100		
260	26.7	21.0	31.6
265	88.0	76.6	115.0

