

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101124\
 Data File : BN034562.D
 Acq On : 11 Oct 2024 19:23
 Operator : RC/JU
 Sample : P4386-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DSN002

Quant Time: Oct 14 01:09:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 11 00:21:08 2024
 Response via : Initial Calibration

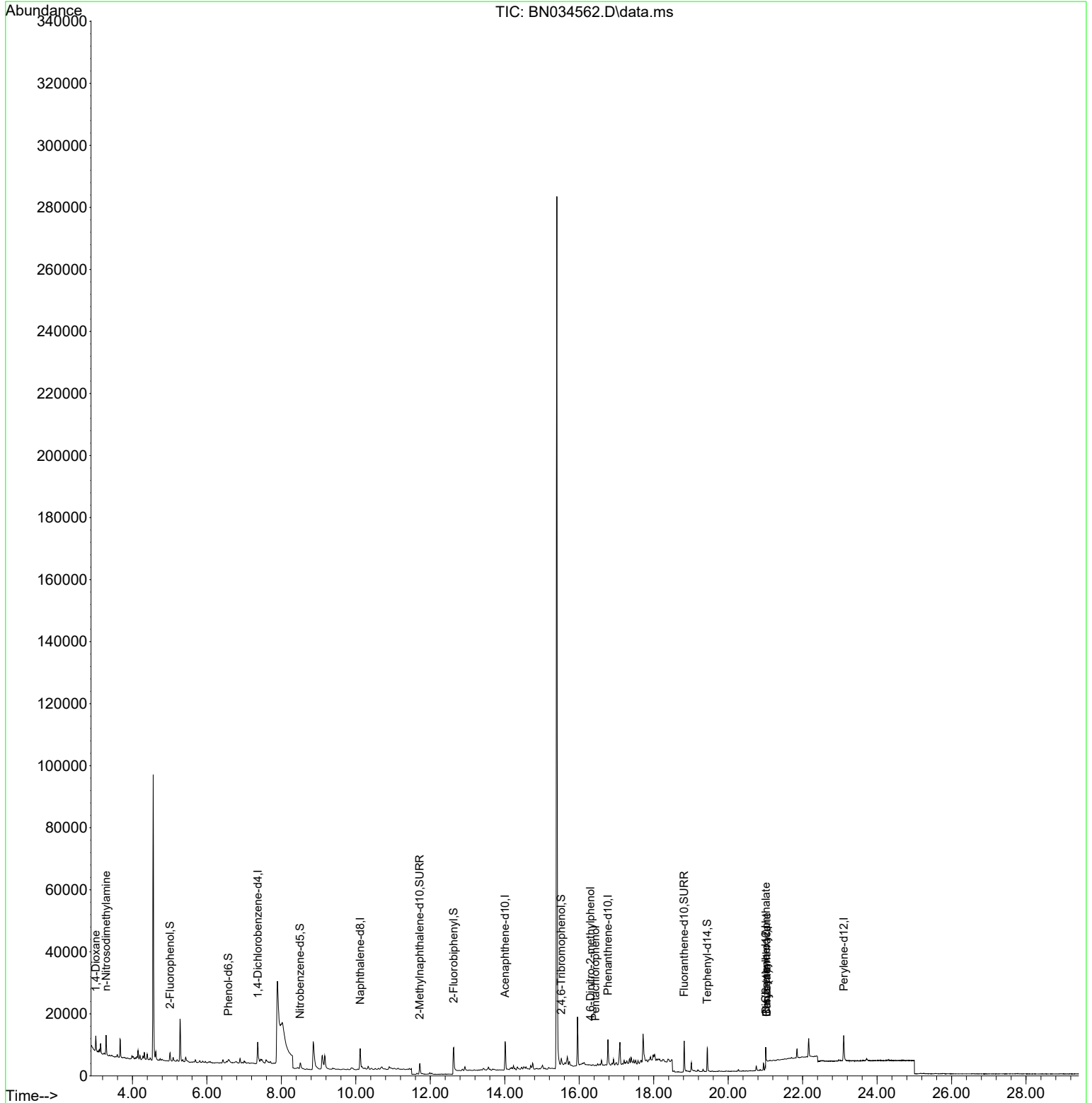
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.365	152	3574	0.400	ng	0.00	
7) Naphthalene-d8	10.116	136	10243	0.400	ng	-0.01	
13) Acenaphthene-d10	14.008	164	5664	0.400	ng	0.00	
19) Phenanthrene-d10	16.771	188	10430	0.400	ng	# 0.00	
29) Chrysene-d12	21.008	240	3567	0.400	ng	0.00	
35) Perylene-d12	23.104	264	10493	0.400	ng	0.00	
System Monitoring Compounds							
4) 2-Fluorophenol	5.011	112	2214	0.218	ng	0.00	
5) Phenol-d6	6.578	99	1375	0.117	ng	0.00	
8) Nitrobenzene-d5	8.504	82	2339	0.299	ng	-0.01	
11) 2-Methylnaphthalene-d10	11.716	152	5576	0.369	ng	-0.01	
14) 2,4,6-Tribromophenol	15.517	330	985	0.384	ng	-0.02	
15) 2-Fluorobiphenyl	12.629	172	7573	0.329	ng	0.00	
27) Fluoranthene-d10	18.820	212	11485	0.436	ng	0.00	
31) Terphenyl-d14	19.438	244	7826	1.099	ng	-0.01	
Target Compounds							
2) 1,4-Dioxane	3.018	88	2720	0.609	ng	# 83	Qvalue
3) n-Nitrosodimethylamine	3.292	42	413	0.081	ng	# 1	
20) 4,6-Dinitro-2-methylph...	16.299	198	61	0.169	ng	# 1	
24) Pentachlorophenol	16.436	266	89	0.041	ng	90	
32) Benzo(a)anthracene	21.035	228	462	0.041	ng	# 10	
33) Chrysene	21.035	228	681	0.051	ng	# 16	
34) Bis(2-ethylhexyl)phtha...	21.017	149	1000	0.213	ng	# 48	

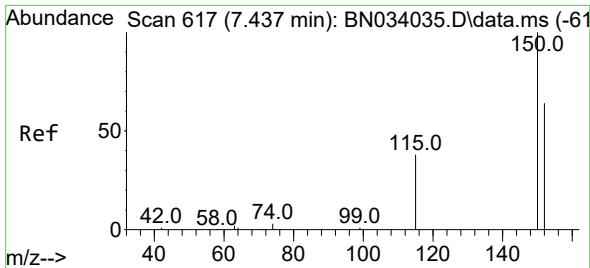
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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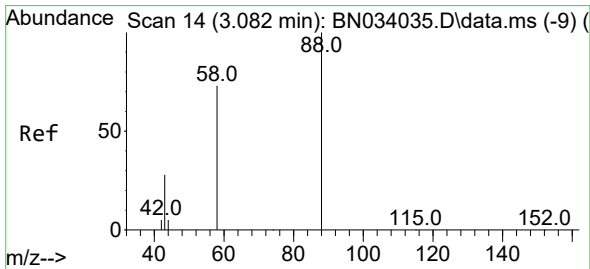
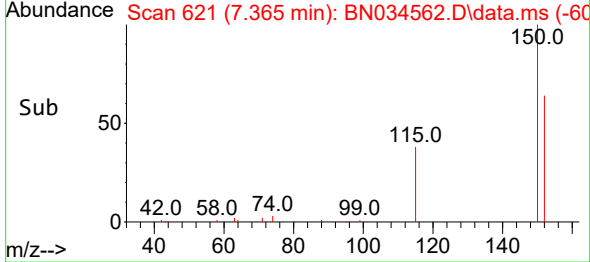
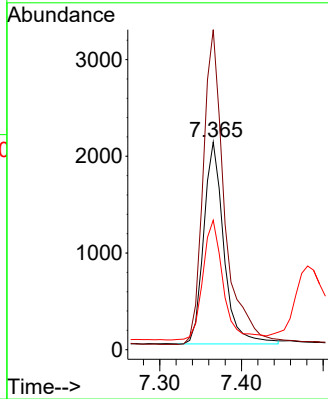
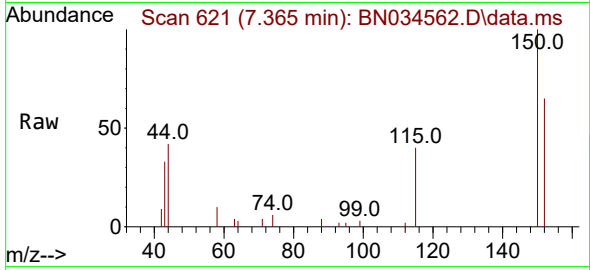


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.365 min Scan# 61
 Delta R.T. -0.008 min
 Lab File: BN034562.D
 Acq: 11 Oct 2024 19:23

Instrument :
 BNA_N
 ClientSampleId :
 DSN002

Tgt Ion:152 Resp: 3574

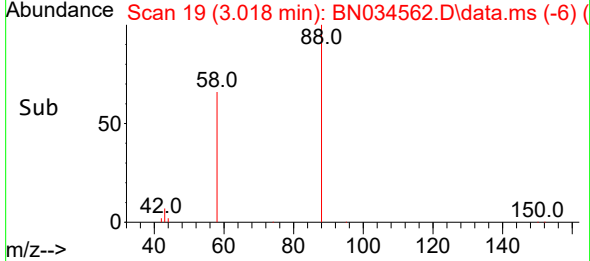
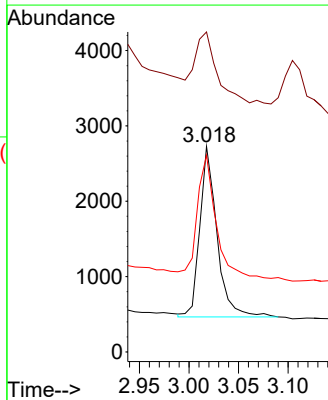
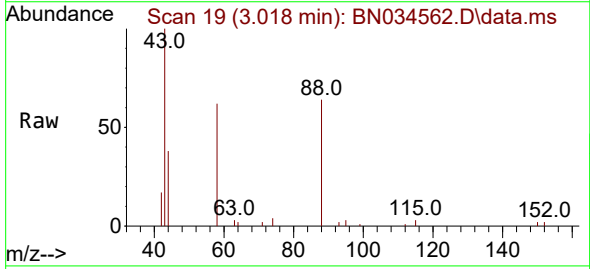
Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.6	187.0
115	62.3	50.0	75.0

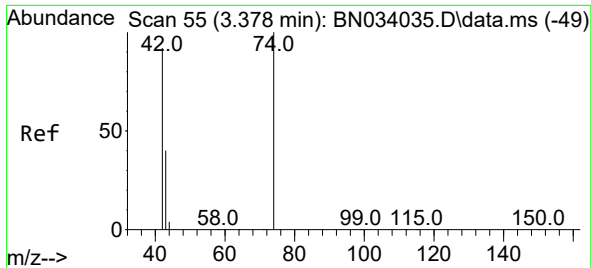


#2
 1,4-Dioxane
 Concen: 0.609 ng
 RT: 3.018 min Scan# 19
 Delta R.T. -0.007 min
 Lab File: BN034562.D
 Acq: 11 Oct 2024 19:23

Tgt Ion: 88 Resp: 2720

Ion	Ratio	Lower	Upper
88	100		
43	56.0	25.8	38.8
58	78.9	58.8	88.2

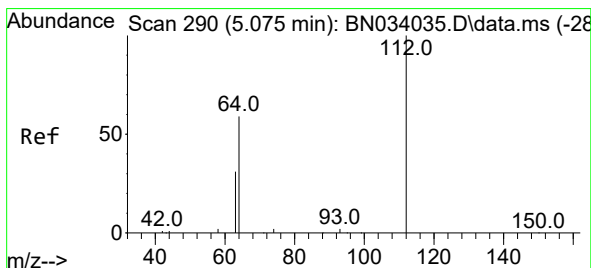
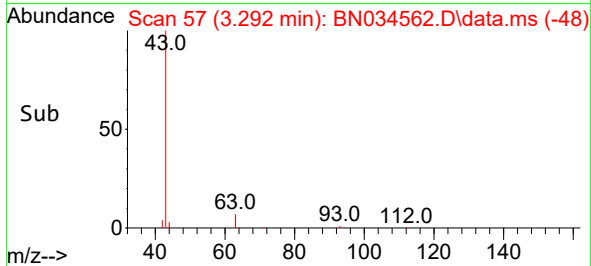
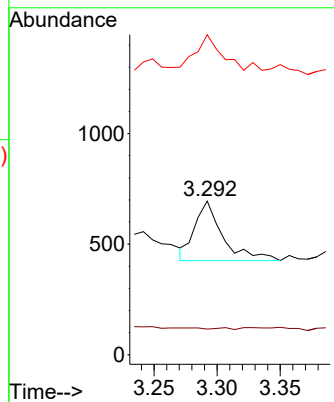
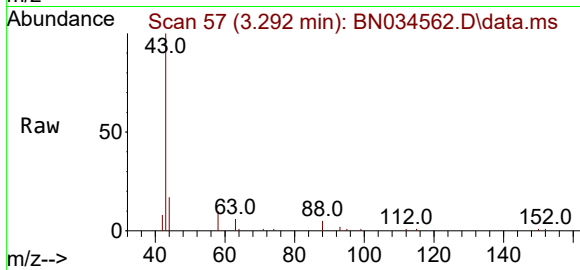




#3
 n-Nitrosodimethylamine
 Concen: 0.081 ng
 RT: 3.292 min Scan# 51
 Delta R.T. -0.036 min
 Lab File: BN034562.D
 Acq: 11 Oct 2024 19:23

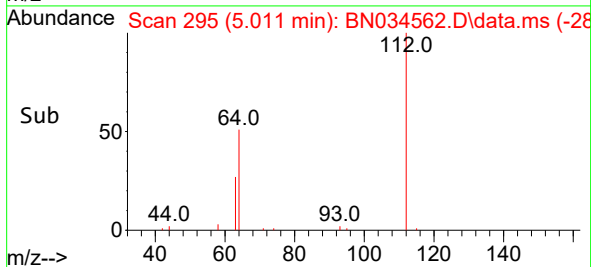
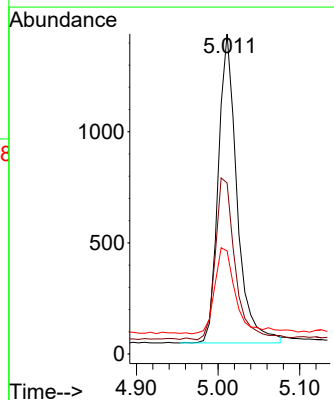
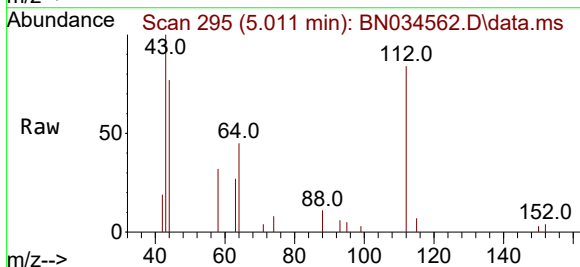
Instrument :
 BNA_N
 ClientSampleId :
 DSN002

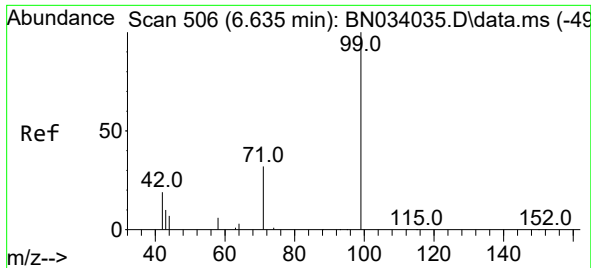
Tgt Ion: 42 Resp: 413
 Ion Ratio Lower Upper
 42 100
 74 0.0 94.6 142.0#
 44 60.5 12.4 18.6#



#4
 2-Fluorophenol
 Concen: 0.218 ng
 RT: 5.011 min Scan# 295
 Delta R.T. -0.000 min
 Lab File: BN034562.D
 Acq: 11 Oct 2024 19:23

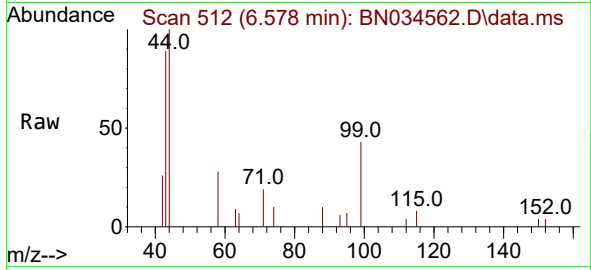
Tgt Ion: 112 Resp: 2214
 Ion Ratio Lower Upper
 112 100
 64 55.3 48.6 72.8
 63 31.3 25.6 38.4





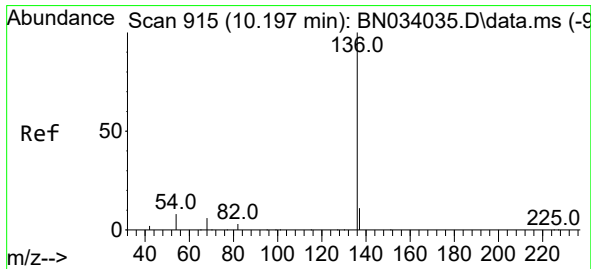
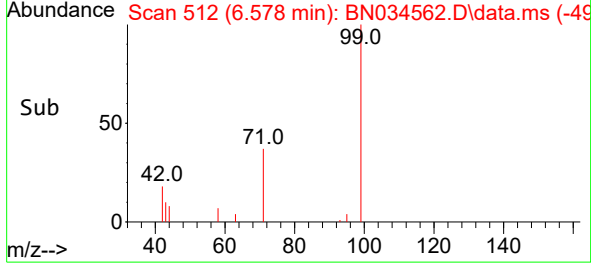
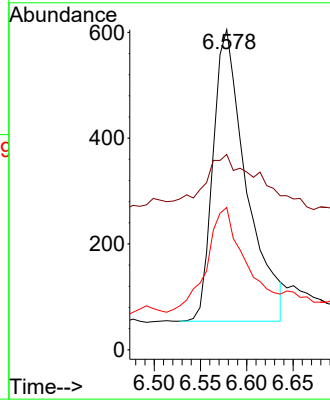
#5
 Phenol-d6
 Concen: 0.117 ng
 RT: 6.578 min Scan# 512
 Delta R.T. 0.007 min
 Lab File: BN034562.D
 Acq: 11 Oct 2024 19:23

Instrument :
 BNA_N
 ClientSampleId :
 DSN002



Tgt Ion: 99 Resp: 1375

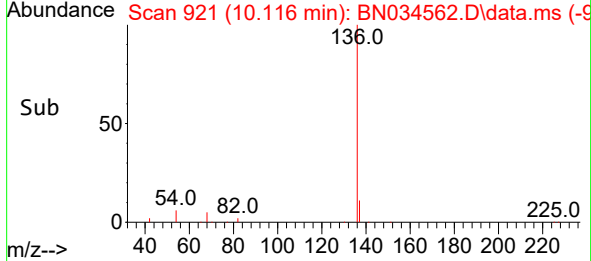
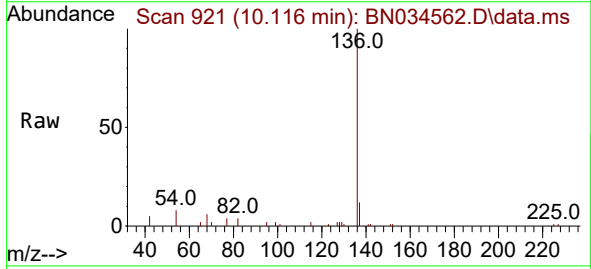
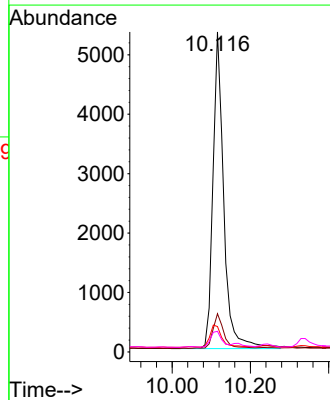
Ion	Ratio	Lower	Upper
99	100		
42	22.6	17.8	26.8
71	42.4	26.2	39.2

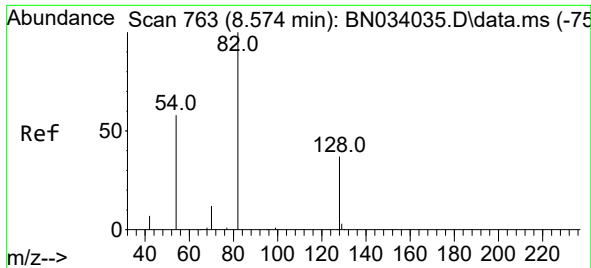


#7
 Naphthalene-d8
 Concen: 0.400 ng
 RT: 10.116 min Scan# 921
 Delta R.T. -0.011 min
 Lab File: BN034562.D
 Acq: 11 Oct 2024 19:23

Tgt Ion: 136 Resp: 10243

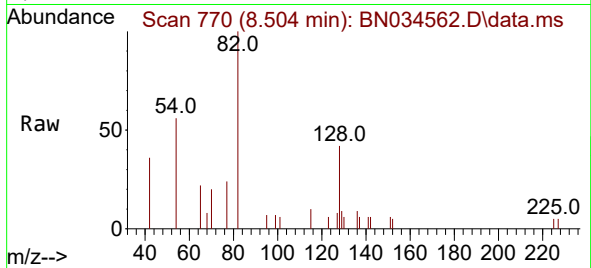
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.0	13.6
54	7.9	6.8	10.2
68	6.4	5.0	7.6





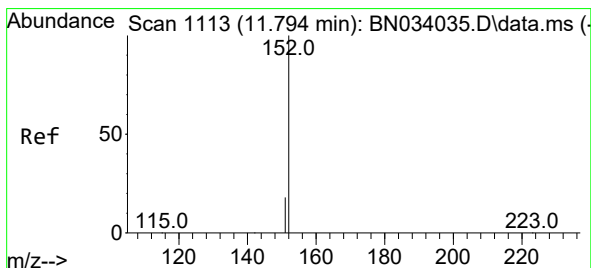
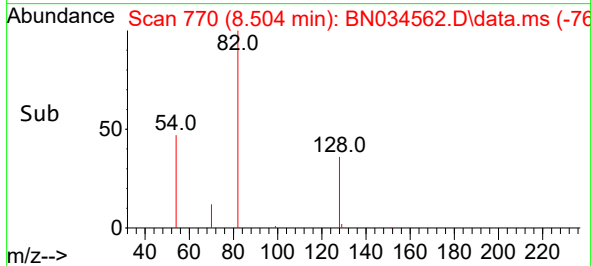
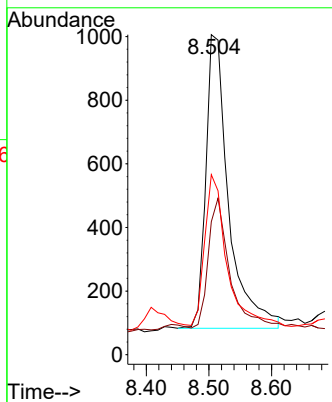
#8
 Nitrobenzene-d5
 Concen: 0.299 ng
 RT: 8.504 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BN034562.D
 Acq: 11 Oct 2024 19:23

Instrument :
 BNA_N
 ClientSampleId :
 DSN002



Tgt Ion: 82 Resp: 2339

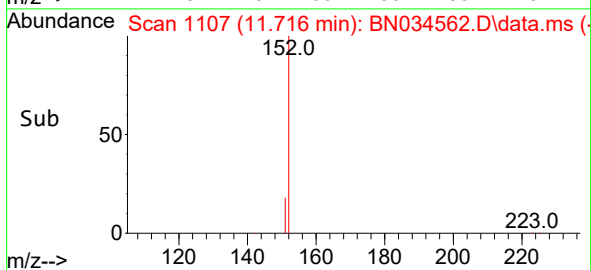
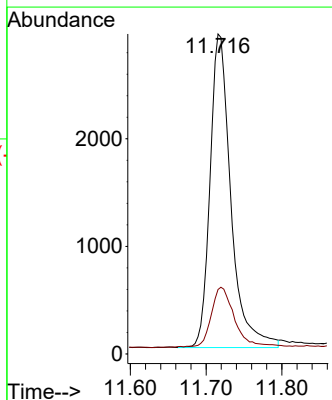
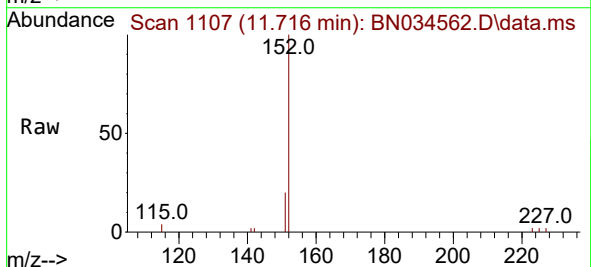
Ion	Ratio	Lower	Upper
82	100		
128	41.6	31.4	47.2
54	56.3	47.4	71.0

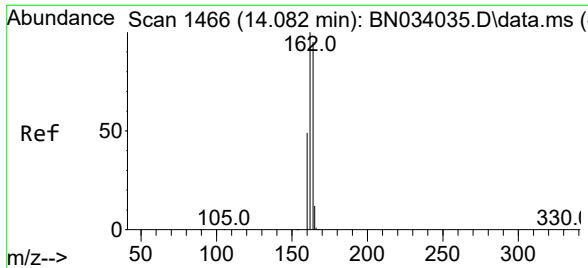


#11
 2-Methylnaphthalene-d10
 Concen: 0.369 ng
 RT: 11.716 min Scan# 1107
 Delta R.T. -0.011 min
 Lab File: BN034562.D
 Acq: 11 Oct 2024 19:23

Tgt Ion: 152 Resp: 5576

Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.8	25.2

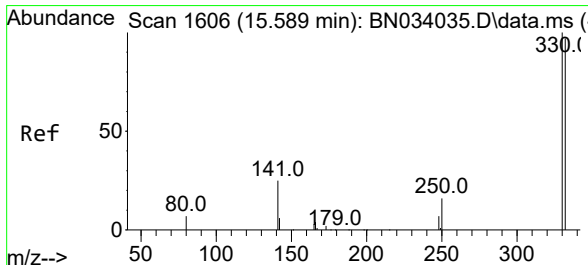
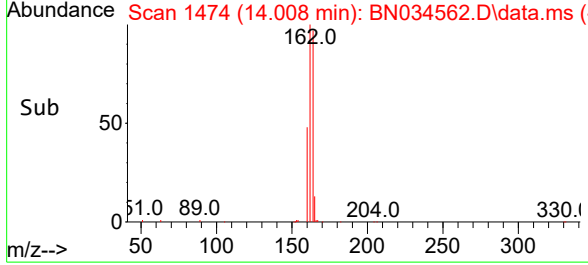
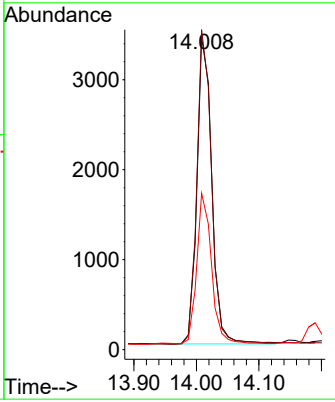
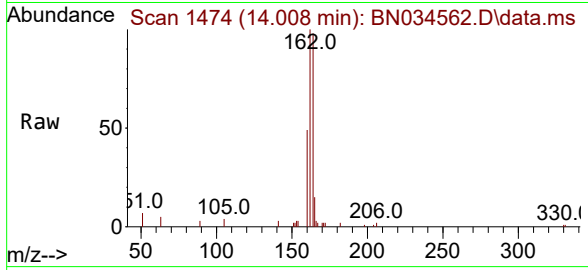




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.008 min Scan# 14
 Delta R.T. -0.007 min
 Lab File: BN034562.D
 Acq: 11 Oct 2024 19:23

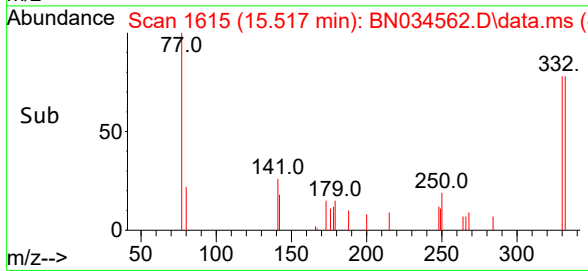
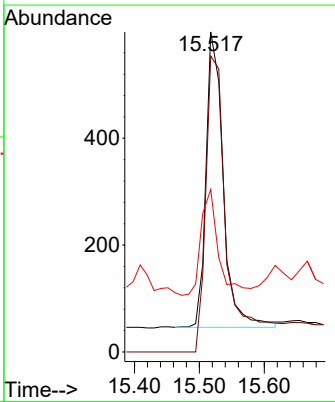
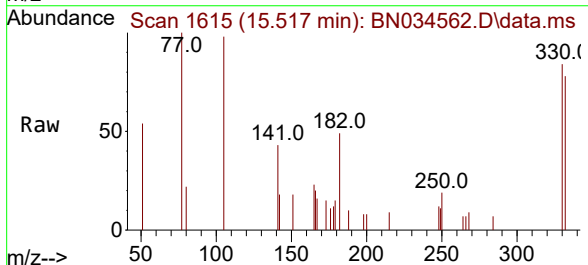
Instrument : BNA_N
 ClientSampleId : DSN002

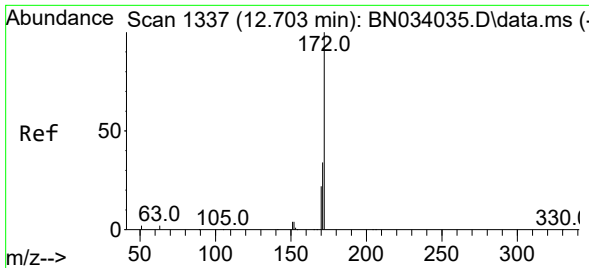
Tgt Ion	Resp	Lower	Upper
164	5664		
162	100	84.2	126.2
160	102.4	41.7	62.5



#14
 2,4,6-Tribromophenol
 Concen: 0.384 ng
 RT: 15.517 min Scan# 1615
 Delta R.T. -0.019 min
 Lab File: BN034562.D
 Acq: 11 Oct 2024 19:23

Tgt Ion	Resp	Lower	Upper
330	985		
332	100	77.4	116.0#
141	135.1	35.9	53.9



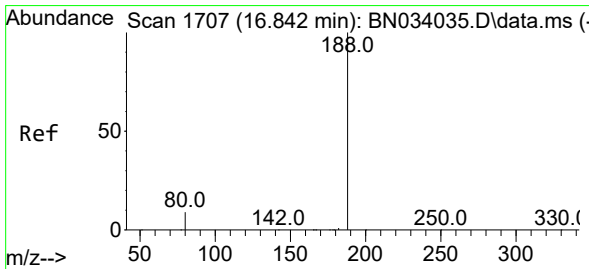
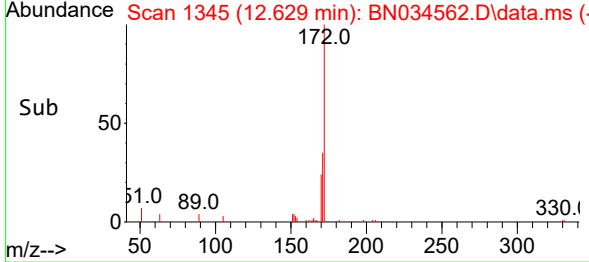
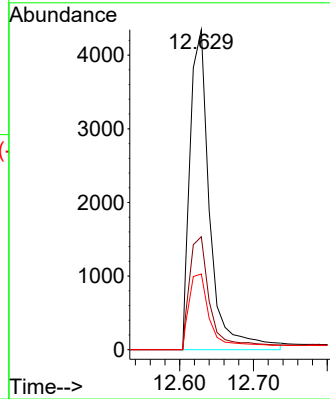
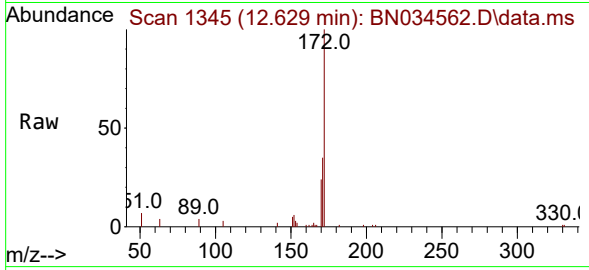


#15
 2-Fluorobiphenyl
 Concen: 0.329 ng
 RT: 12.629 min Scan# 11
 Delta R.T. -0.007 min
 Lab File: BN034562.D
 Acq: 11 Oct 2024 19:23

Instrument :
 BNA_N
 ClientSampleId :
 DSN002

Tgt Ion:172 Resp: 7573

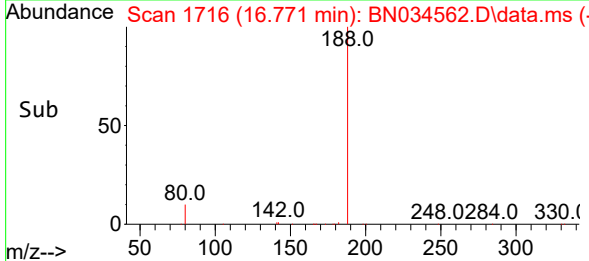
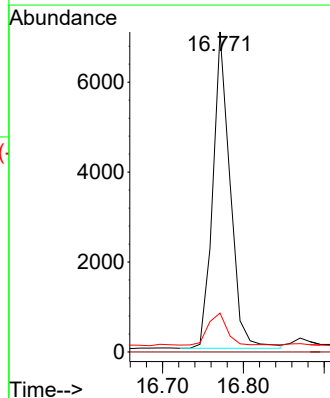
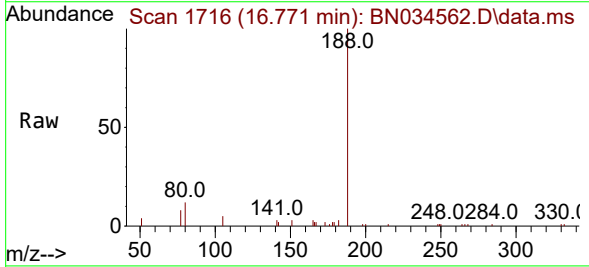
Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.3	40.9
170	23.7	18.1	27.1

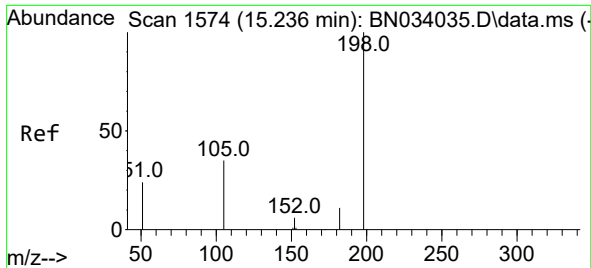


#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.771 min Scan# 1716
 Delta R.T. -0.007 min
 Lab File: BN034562.D
 Acq: 11 Oct 2024 19:23

Tgt Ion:188 Resp: 10430

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.2	7.4	11.0

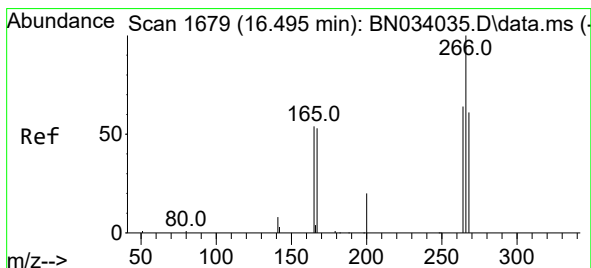
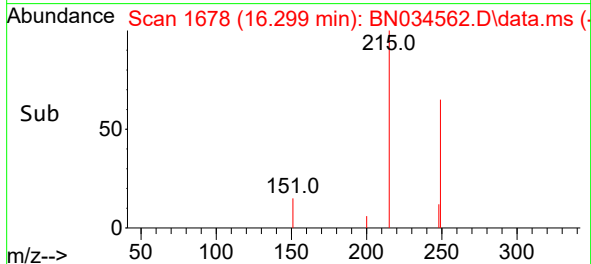
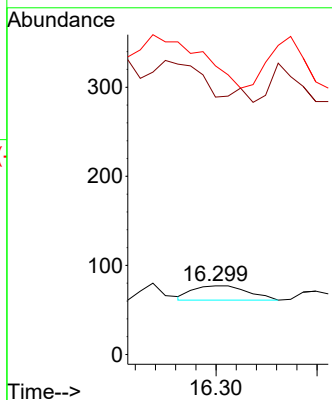
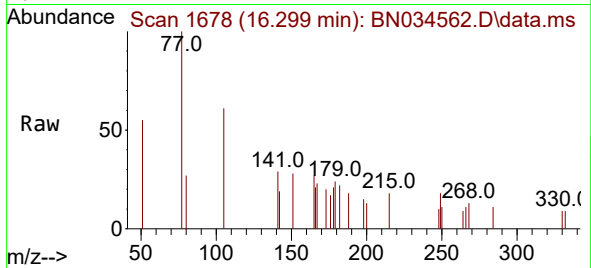




#20
 4,6-Dinitro-2-methylphenol
 Concen: 0.169 ng
 RT: 16.299 min Scan# 1689
 Delta R.T. 0.018 min
 Lab File: BN034562.D
 Acq: 11 Oct 2024 19:23

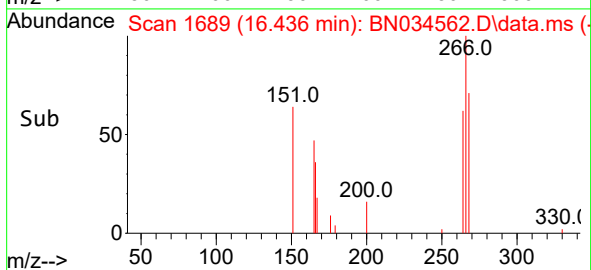
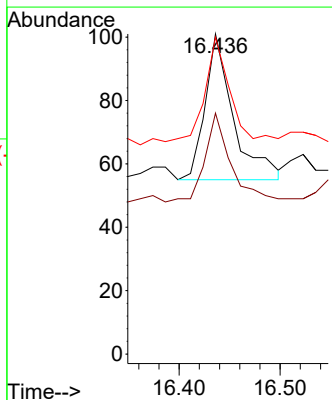
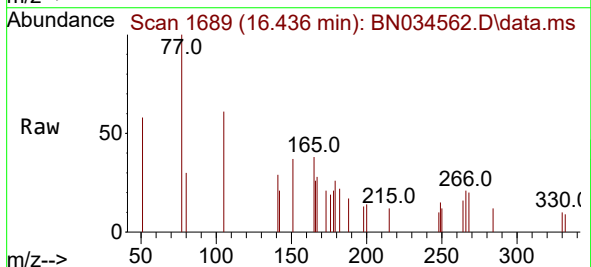
Instrument :
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 DSN002

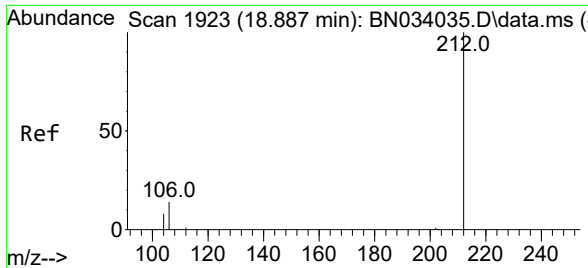
Tgt Ion:198 Resp: 61
 Ion Ratio Lower Upper
 198 100
 51 375.3 106.4 159.6#
 105 420.8 38.5 57.7#



#24
 Pentachlorophenol
 Concen: 0.041 ng
 RT: 16.436 min Scan# 1689
 Delta R.T. -0.007 min
 Lab File: BN034562.D
 Acq: 11 Oct 2024 19:23

Tgt Ion:266 Resp: 89
 Ion Ratio Lower Upper
 266 100
 264 56.2 50.2 75.2
 268 73.0 51.0 76.4



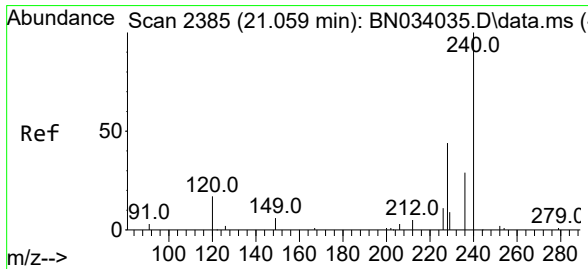
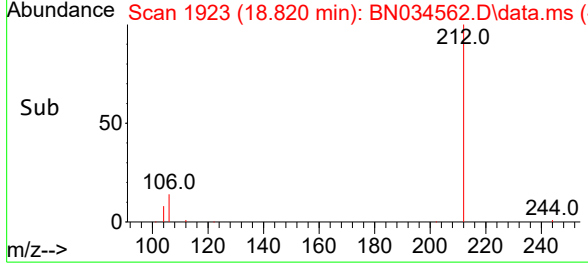
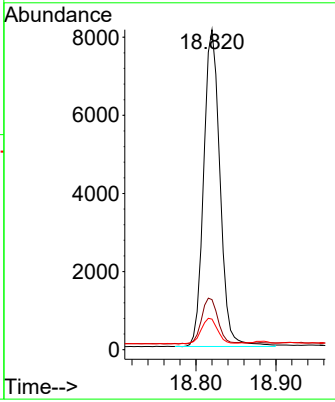
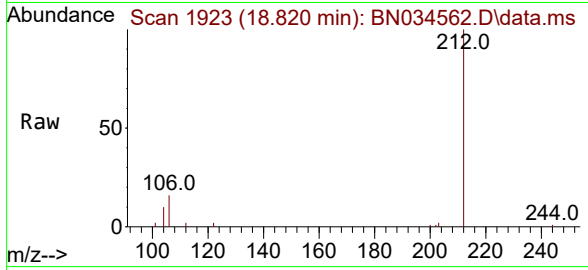


#27
 Fluoranthene-d10
 Concen: 0.436 ng
 RT: 18.820 min Scan# 1923
 Delta R.T. -0.007 min
 Lab File: BN034562.D
 Acq: 11 Oct 2024 19:23

Instrument : BNA_N
 ClientSampleId : DSN002

Tgt Ion:212 Resp: 11485

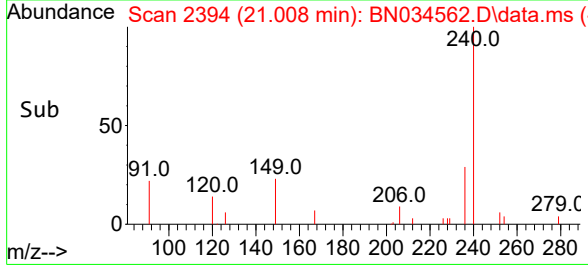
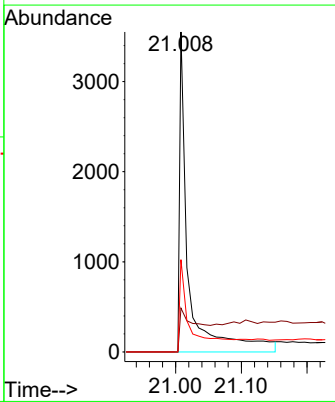
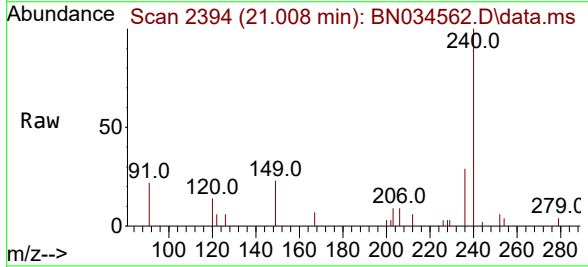
Ion	Ratio	Lower	Upper
212	100		
106	14.7	13.4	20.2
104	8.1	7.8	11.6

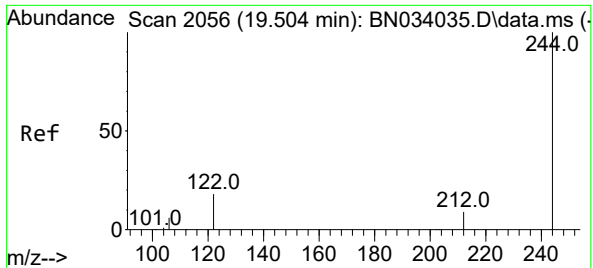


#29
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.008 min Scan# 2394
 Delta R.T. 0.002 min
 Lab File: BN034562.D
 Acq: 11 Oct 2024 19:23

Tgt Ion:240 Resp: 3567

Ion	Ratio	Lower	Upper
240	100		
120	13.7	13.5	20.3
236	28.9	23.4	35.0



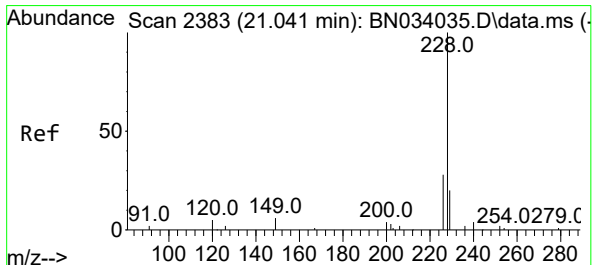
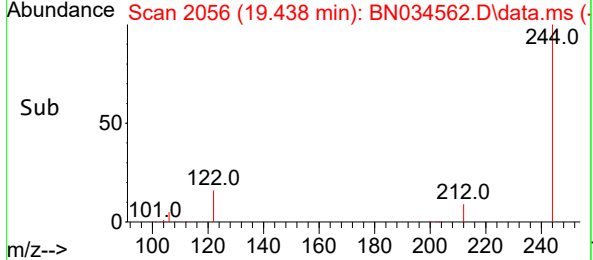
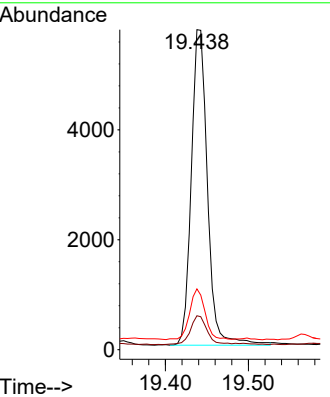
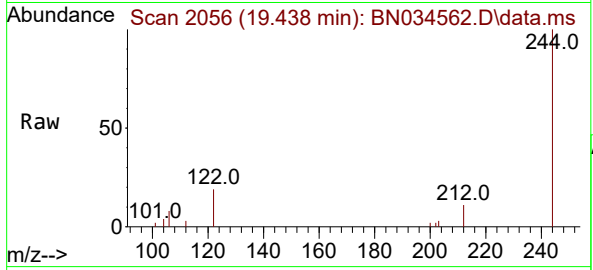


#31
 Terphenyl-d14
 Concen: 1.099 ng
 RT: 19.438 min Scan# 2056
 Delta R.T. -0.012 min
 Lab File: BN034562.D
 Acq: 11 Oct 2024 19:23

Instrument : BNA_N
 ClientSampleId : DSN002

Tgt Ion:244 Resp: 7826

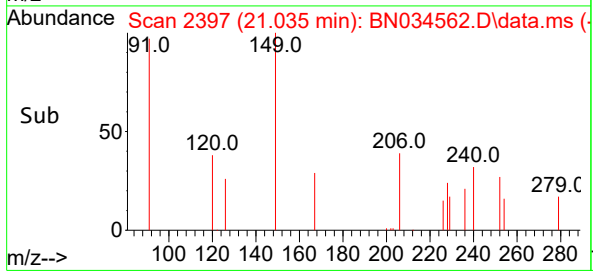
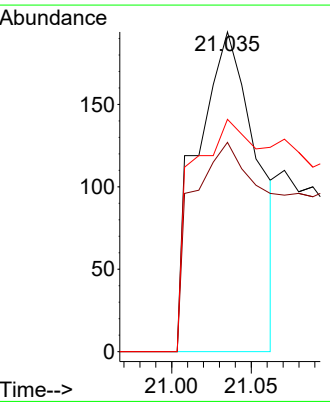
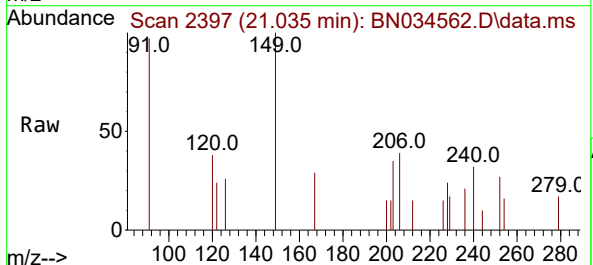
Ion	Ratio	Lower	Upper
244	100		
212	10.6	7.8	11.6
122	19.0	14.8	22.2

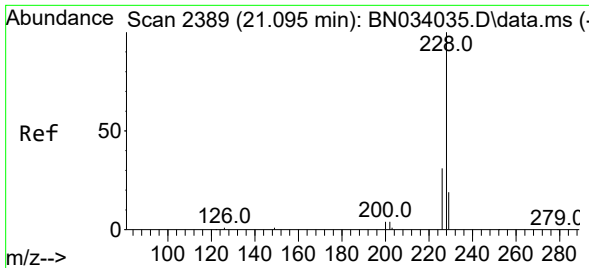


#32
 Benzo(a)anthracene
 Concen: 0.041 ng
 RT: 21.035 min Scan# 2397
 Delta R.T. 0.029 min
 Lab File: BN034562.D
 Acq: 11 Oct 2024 19:23

Tgt Ion:228 Resp: 462

Ion	Ratio	Lower	Upper
228	100		
226	65.5	22.3	33.5#
229	72.7	15.7	23.5#

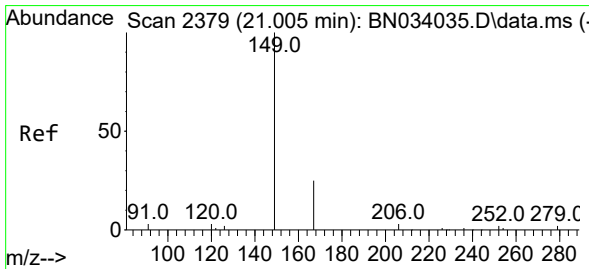
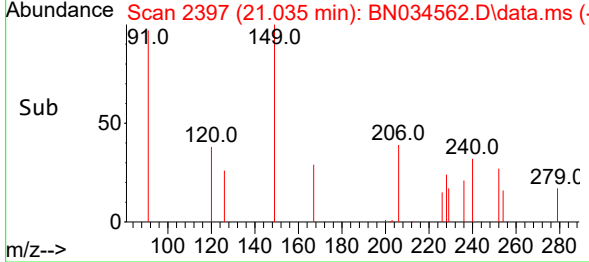
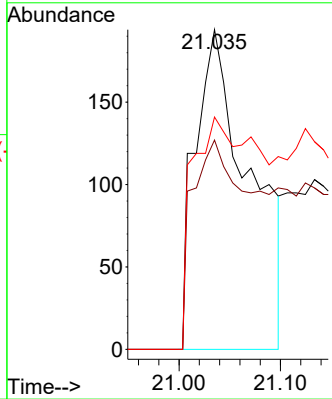
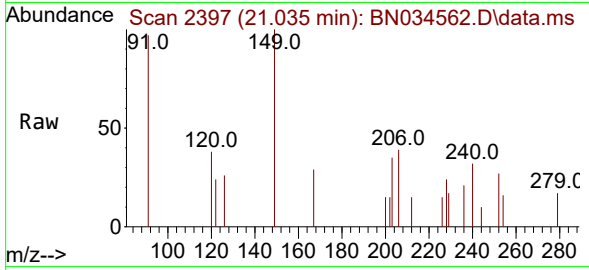




#33
 Chrysene
 Concen: 0.051 ng
 RT: 21.035 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BN034562.D
 Acq: 11 Oct 2024 19:23

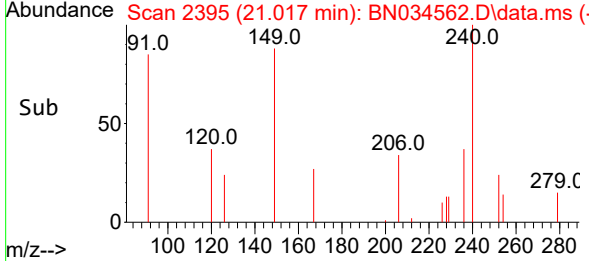
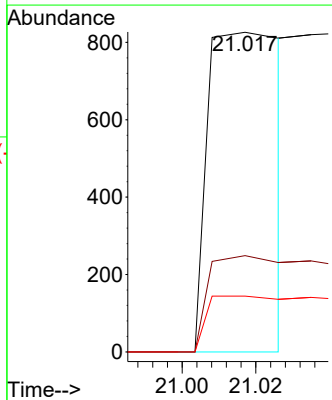
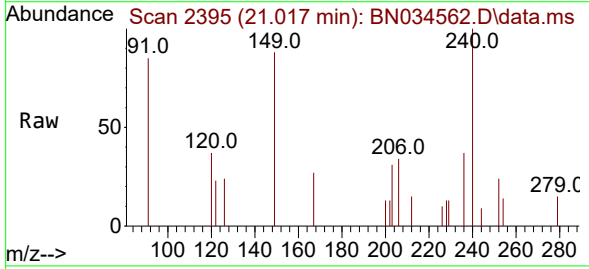
Instrument : BNA_N
 ClientSampleId : DSN002

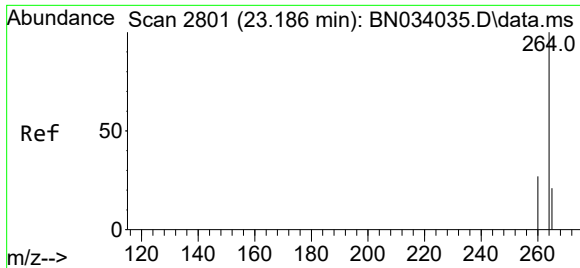
Tgt Ion	Resp	Lower	Upper
228	100		
226	65.5	24.6	37.0#
229	72.7	15.5	23.3#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.213 ng
 RT: 21.017 min Scan# 2395
 Delta R.T. 0.011 min
 Lab File: BN034562.D
 Acq: 11 Oct 2024 19:23

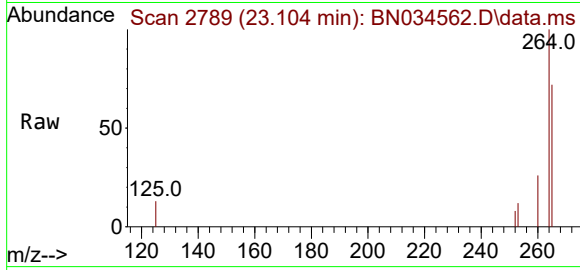
Tgt Ion	Resp	Lower	Upper
149	100		
167	53.0	19.9	29.9#
279	17.3	4.6	6.8#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.104 min Scan# 21
 Delta R.T. -0.010 min
 Lab File: BN034562.D
 Acq: 11 Oct 2024 19:23

Instrument :
 BNA_N
 ClientSampleId :
 DSN002



Tgt Ion:264 Resp: 10493

Ion	Ratio	Lower	Upper
264	100		
260	26.4	21.7	32.5
265	71.7	52.1	78.1

